

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
 Data File : BF093415.D
 Acq On : 7 Mar 2017 12:52
 Operator : SJ/MA
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

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 3/8/2017 1:45:28 PM

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Quant Time: Mar 07 13:31:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:09:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	223704m	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	900901	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	504315	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	745397	20.00	ng	0.00
75) Chrysene-d12	13.93	240	571798	20.00	ng	0.01
86) Perylene-d12	15.33	264	485341	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1265850	97.08	ng	0.00
7) Phenol-d6	6.42	99	1565906	93.34	ng	0.01
23) Nitrobenzene-d5	7.34	82	1635394	101.09	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	284543	78.01	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	2356024	84.64	ng	0.00
78) Terphenyl-d14	12.87	244	1974963	81.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	349135	49.55	ng	# 84
3) Pyridine	2.97	79	1032357	57.62	ng	90
4) n-Nitrosodimethylamine	2.95	42	468545	55.70	ng	87
6) Aniline	6.44	93	1084357	47.38	ng	94
8) 2-Chlorophenol	6.55	128	710063	49.36	ng	94
9) Benzaldehyde	6.31	77	457865	38.09	ng	90
10) Phenol	6.44	94	1006724	51.29	ng	97
11) bis(2-Chloroethyl)ether	6.50	93	786326	50.19	ng	92
12) 1,3-Dichlorobenzene	6.70	146	792881m	47.06	ng	
13) 1,4-Dichlorobenzene	6.78	146	818661m	48.01	ng	
14) 1,2-Dichlorobenzene	6.94	146	722378	44.30	ng	94
15) Benzyl Alcohol	6.93	79	557366	44.87	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1350113	49.60	ng	91
17) 2-Methylphenol	7.04	107	610893m	49.50	ng	
18) Hexachloroethane	7.27	117	299487	51.45	ng	97
19) n-Nitroso-di-n-propylamine	7.19	70	512437	47.98	ng	94
20) 3+4-Methylphenols	7.20	107	766071	51.92	ng	# 76
22) Acetophenone	7.19	105	1009903	49.10	ng	# 98
24) Nitrobenzene	7.36	77	872958	52.55	ng	97
25) Isophorone	7.60	82	1603084	53.18	ng	96
26) 2-Nitrophenol	7.67	139	404557	51.23	ng	90
27) 2,4-Dimethylphenol	7.73	122	656252	47.32	ng	93
28) bis(2-Chloroethoxy)methane	7.81	93	966276	48.40	ng	99
29) 2,4-Dichlorophenol	7.92	162	612014	47.32	ng	89
30) 1,2,4-Trichlorobenzene	7.99	180	650114	46.64	ng	93
31) Naphthalene	8.07	128	1991740	43.61	ng	100
32) Benzoic acid	7.90	122	393306	55.91	ng	97
33) 4-Chloroaniline	8.14	127	893047	49.86	ng	# 93
34) Hexachlorobutadiene	8.18	225	334228	43.58	ng	99
35) Caprolactam	8.54	113	228292	56.11	ng	# 70
36) 4-Chloro-3-methylphenol	8.63	107	632233	46.89	ng	98
37) 2-Methylnaphthalene	8.77	142	1395467	47.59	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	608424	42.98	ng	99
40) Hexachlorocyclopentadiene	8.92	237	147490	23.09	ng	99

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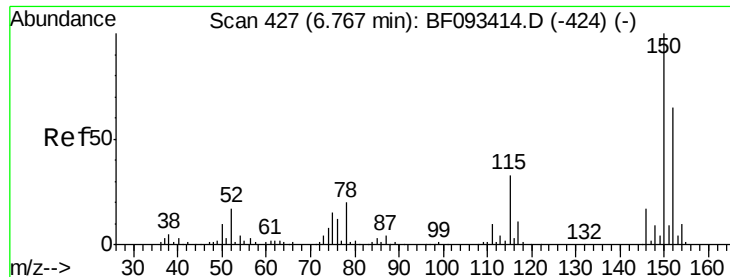
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	405487	43.59	nq	92
43) 2,4,5-Trichlorophenol	9.10	196	431510	42.34	nq	95
45) 1,1'-Biphenyl	9.24	154	1664092	45.57	nq	98
46) 2-Chloronaphthalene	9.26	162	1351091	47.30	nq	98
47) 2-Nitroaniline	9.36	65	438465	45.65	nq	95
48) Acenaphthylene	9.67	152	2056740	41.68	nq	99
49) Dimethylphthalate	9.53	163	1530128	45.05	nq	98
50) 2,6-Dinitrotoluene	9.61	165	384667	52.44	nq #	87
51) Acenaphthene	9.84	154	1231070	41.72	nq	97
52) 3-Nitroaniline	9.78	138	449996	53.60	nq #	76
53) 2,4-Dinitrophenol	9.90	184	166627	50.87	nq #	77
54) Dibenzofuran	10.01	168	1574937	39.91	nq	95
55) 4-Nitrophenol	9.97	139	213770	35.35	nq #	79
56) 2,4-Dinitrotoluene	10.01	165	373847	38.28	nq #	69
57) Fluorene	10.36	166	1305844	43.01	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	303366	44.62	nq	98
59) Diethylphthalate	10.23	149	1259551	39.35	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	586330	40.20	nq	87
61) 4-Nitroaniline	10.40	138	443072	51.53	nq	86
62) Azobenzene	10.50	77	1570023	47.47	nq	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	256768	66.58	nq	91
65) n-Nitrosodiphenylamine	10.47	169	1161079	48.76	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	388547	49.89	nq #	82
67) Hexachlorobenzene	10.90	284	370448	48.14	nq	97
68) Atrazine	11.00	200	327499	42.86	nq	100
69) Pentachlorophenol	11.11	266	143719	43.24	nq	98
70) Phenanthrene	11.32	178	1940033	45.43	nq	99
71) Anthracene	11.36	178	1876298	43.75	nq	99
72) Carbazole	11.52	167	1922941	46.91	nq	100
73) Di-n-butylphthalate	11.85	149	2239423	50.51	nq #	96
74) Fluoranthene	12.51	202	2035515	46.21	nq	92
76) Benzidine	12.62	184	834735	34.26	nq	97
77) Pyrene	12.73	202	2081491	48.64	nq	99
79) Butylbenzylphthalate	13.34	149	851045	48.98	nq	98
80) Benzo(a)anthracene	13.92	228	1659331	47.45	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	561313	45.03	nq	100
82) Chrysene	13.96	228	1511987	46.18	nq	100
83) Bis(2-ethylhexyl)phthalate	13.90	149	1253724	52.76	nq #	97
84) Di-n-octyl phthalate	14.51	149	1977089	51.09	nq	98
85) Indeno(1,2,3-cd)pyrene	16.71	276	1224979	48.30	nq #	93
87) Benzo(b)fluoranthene	14.94	252	1414055m	44.26	nq	
88) Benzo(k)fluoranthene	14.96	252	1301161m	47.17	nq	
89) Benzo(a)pyrene	15.28	252	1292402	46.77	nq	99
90) Dibenzo(a,h)anthracene	16.71	278	1043064	46.71	nq	97
91) Benzo(g,h,i)perylene	17.11	276	1115723	49.45	nq #	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.76 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

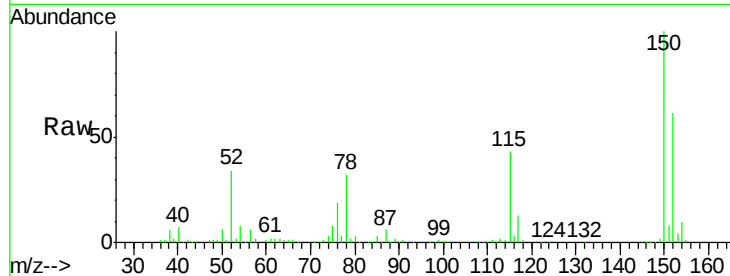
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.7	124.9	187.3
115	70.8	46.0	69.0

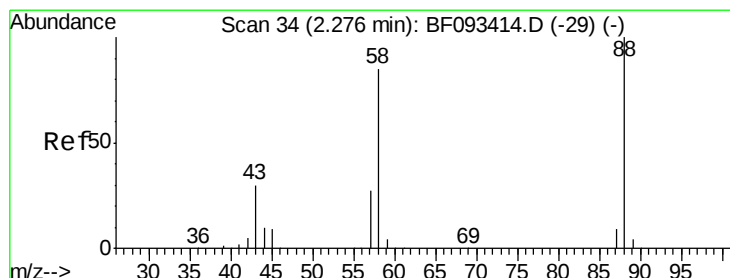
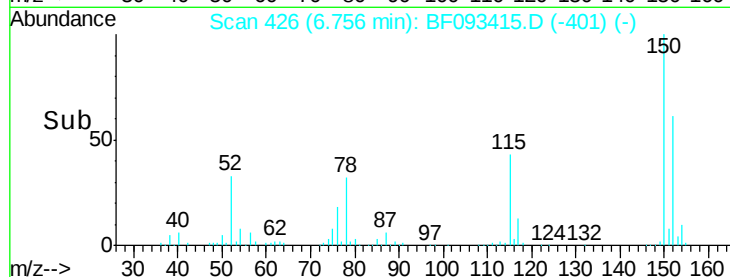
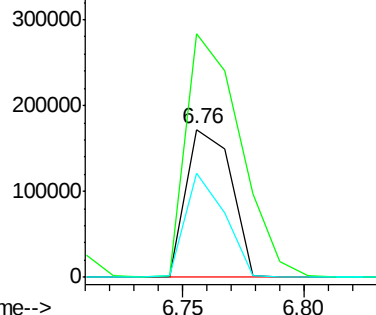
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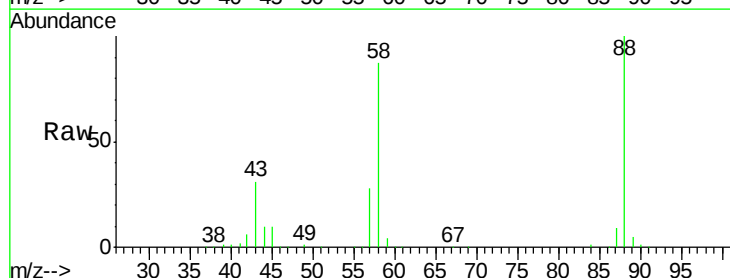
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



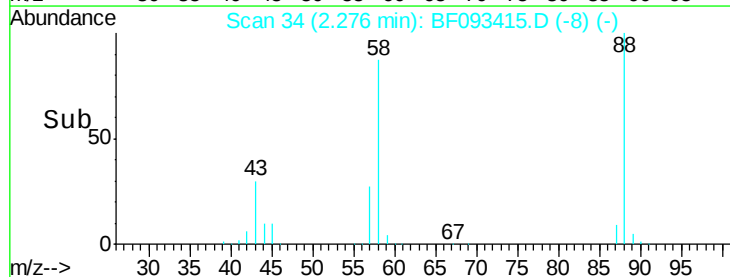
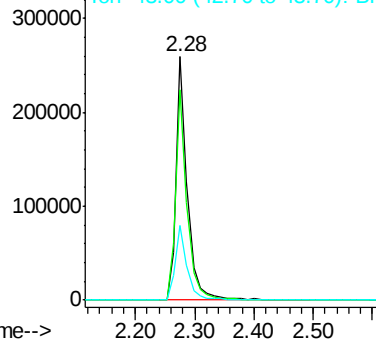
#2

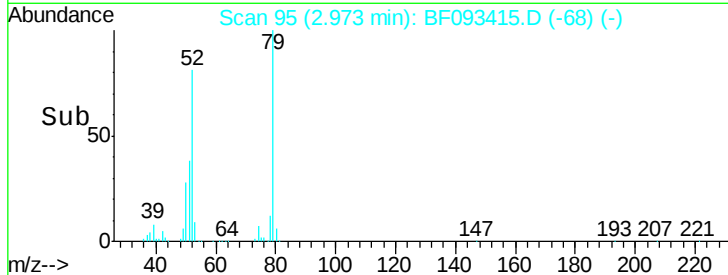
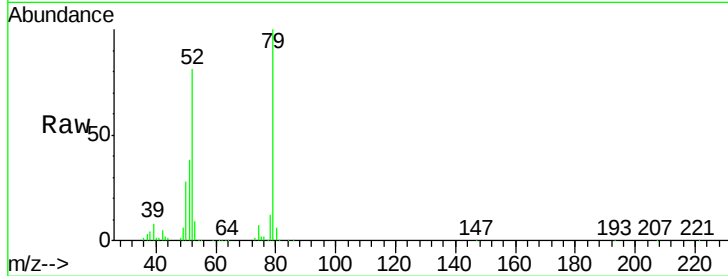
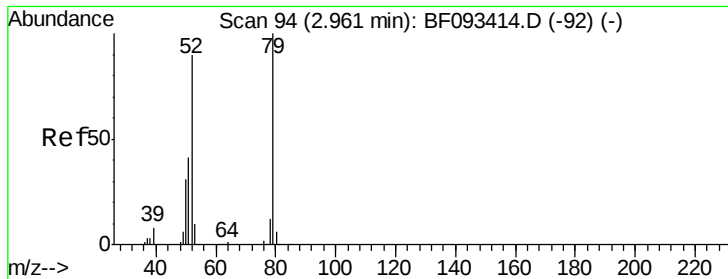
1,4-Dioxane
Concen: 49.55 ng
RT: 2.28 min Scan# 34
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.0	57.8	86.8
43	32.0	22.3	33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 57.62 ng

RT: 2.97 min Scan# 95

Delta R.T. 0.01 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Tot Ion:	79	Resp:	1032357
Ion	Ratio	Lower	Upper
79	100		
52	81.1	57.1	85.7
51	37.9	27.3	40.9

Instrument :

BNA_F

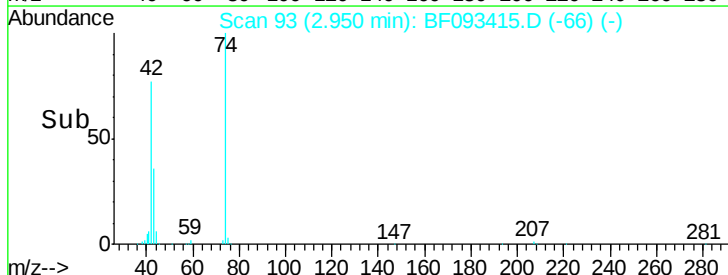
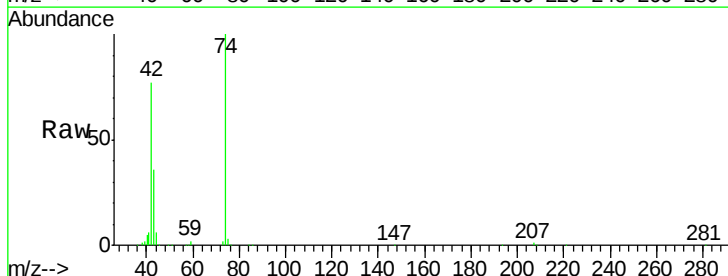
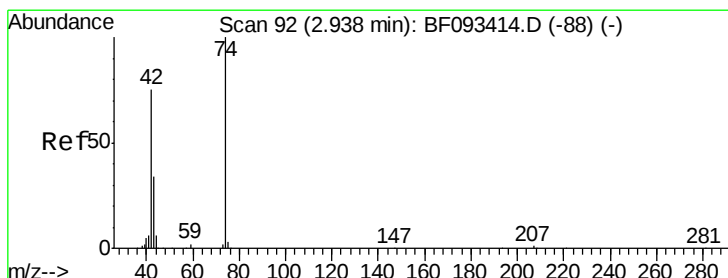
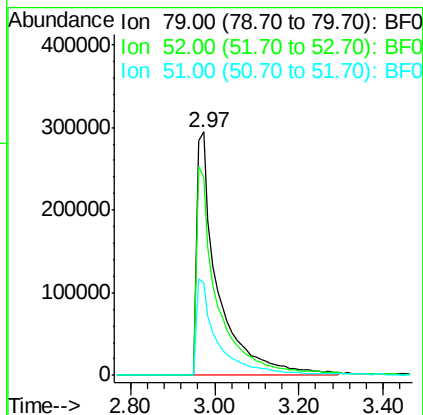
ClientSampleId :

SSTDIC050

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#4

n-Nitrosodimethylamine

Concen: 55.70 ng

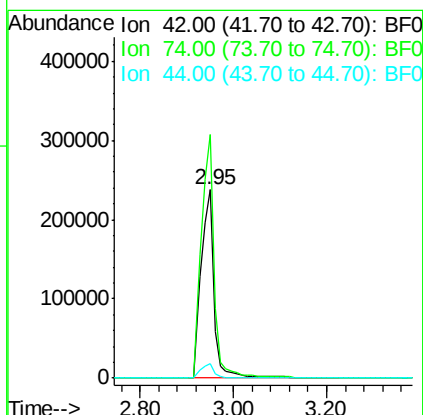
RT: 2.95 min Scan# 93

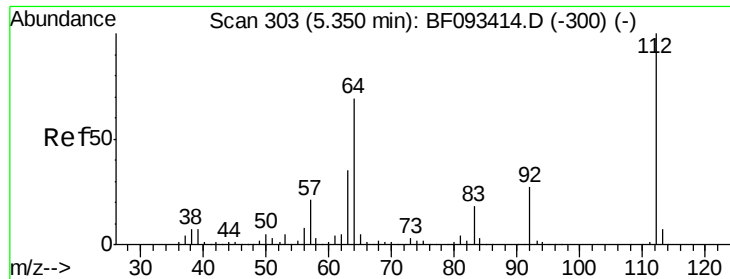
Delta R.T. 0.01 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Tgt Ion:	42	Resp:	468545
Ion	Ratio	Lower	Upper
42	100		
74	129.2	117.0	175.4
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 97.08 ng

RT: 5.35 min Scan# 303

Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

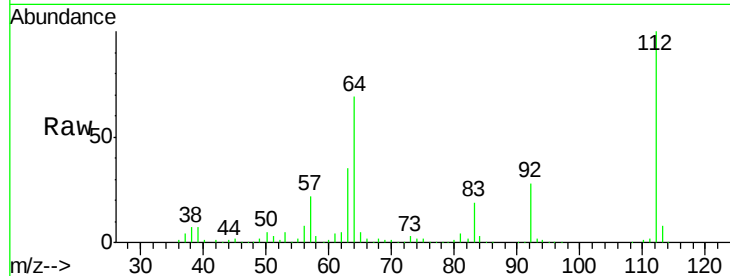
SSTDIC050

Tot Ion:	112	Resp:	1265850
Ion Ratio	Lower	Upper	
112	100		
64	69.2	46.1	69.1#
63	35.3	23.8	35.6

Manual Integrations
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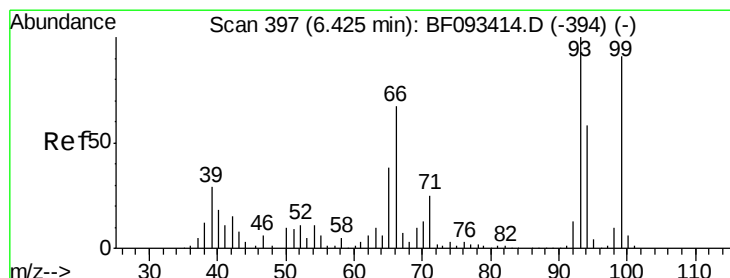
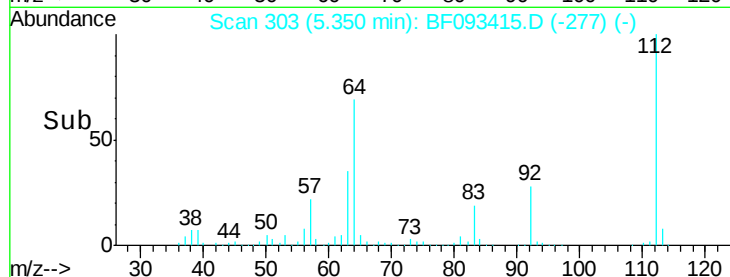
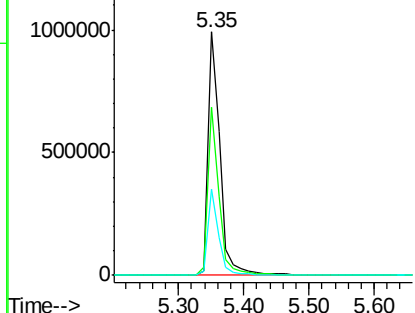
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 47.38 ng

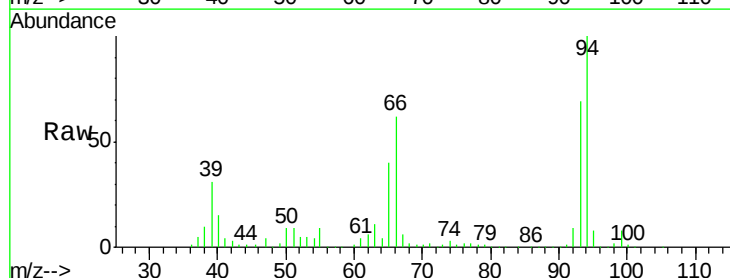
RT: 6.44 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

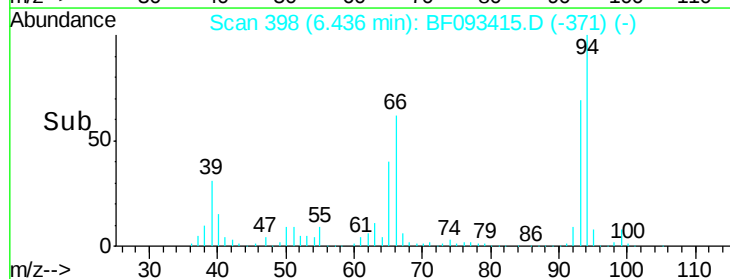
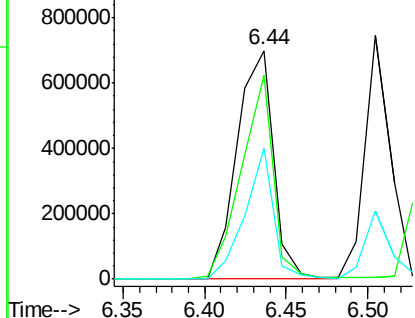
Tgt Ion:	93	Resp:	1084357
Ion Ratio	Lower	Upper	
93	100		
66	89.1	76.2	114.2
65	57.5	49.3	73.9

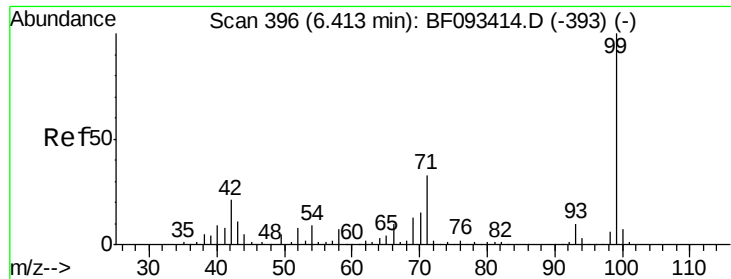


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 93.34 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 1565906

Ion Ratio Lower Upper

99 100

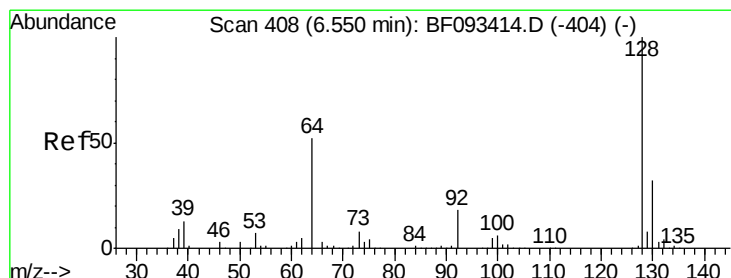
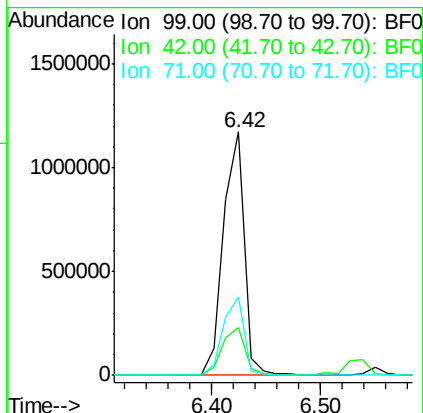
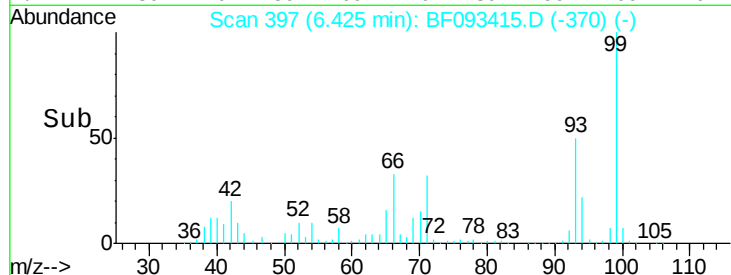
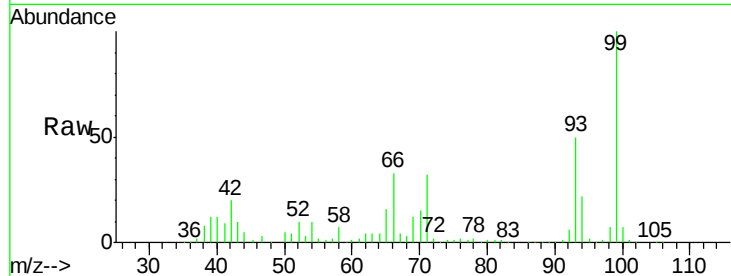
42 19.8 15.6 23.4

71 32.4 27.5 41.3

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#8

2-Chlorophenol

Concen: 49.36 ng

RT: 6.55 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

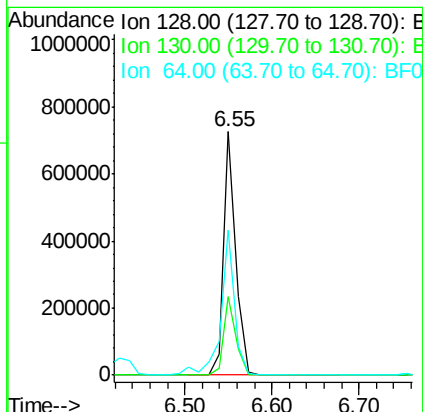
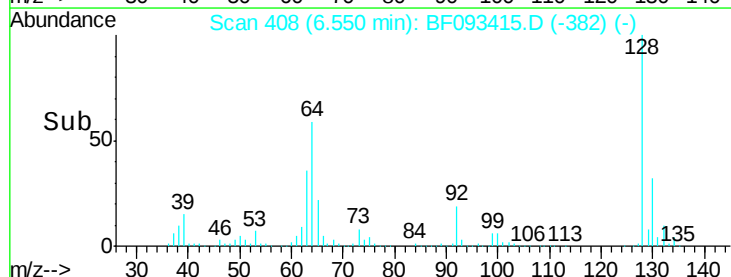
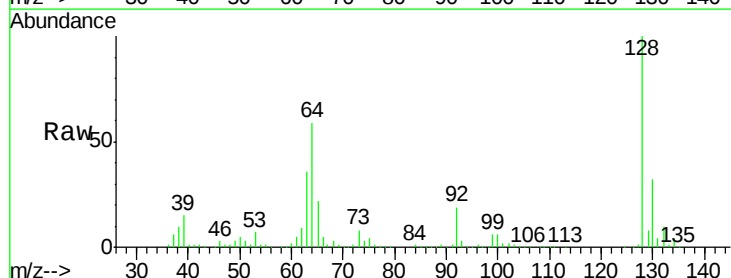
Tgt Ion: 128 Resp: 710063

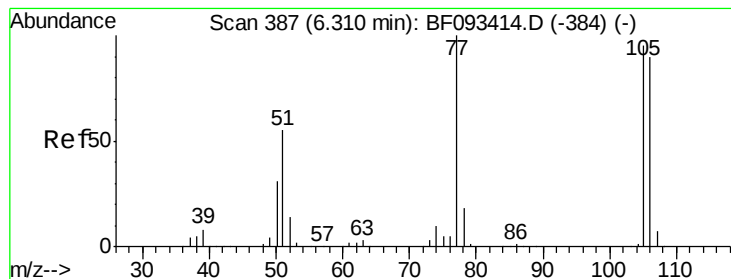
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 59.3 32.2 72.2





#9

Benzaldehyde

Concen: 38.09 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Instrument :

BNA_F

ClientSampled :

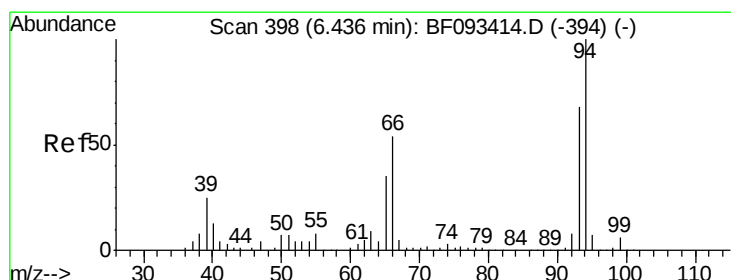
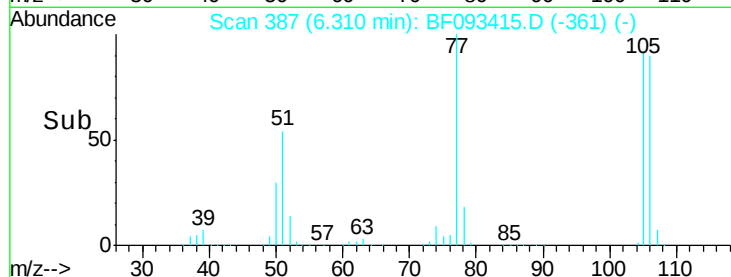
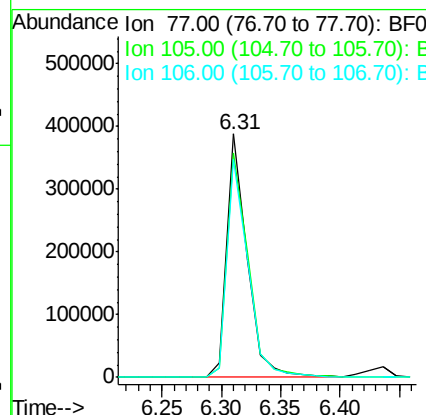
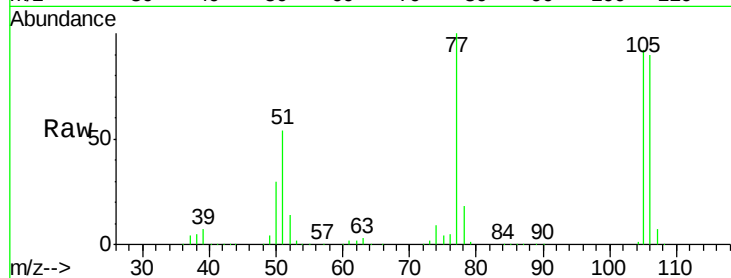
SSTDIC050

Tot Ion:	77	Resp:	457865
Ion	Ratio	Lower	Upper
77	100		
105	92.4	83.9	123.9
106	89.6	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 51.29 ng

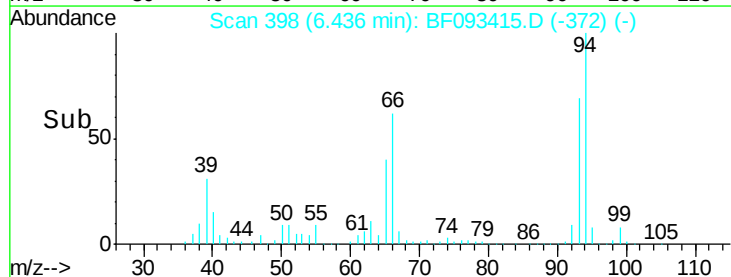
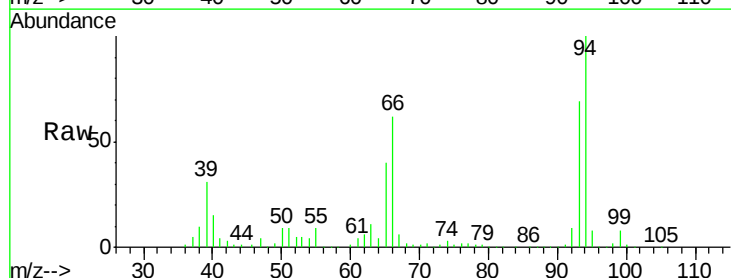
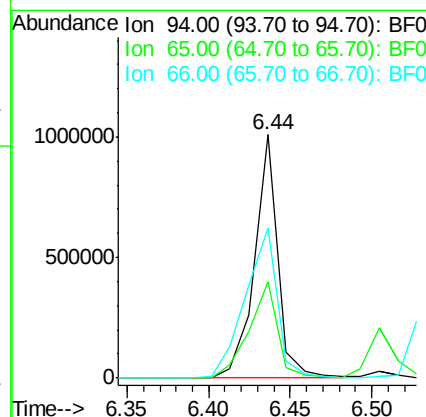
RT: 6.44 min Scan# 398

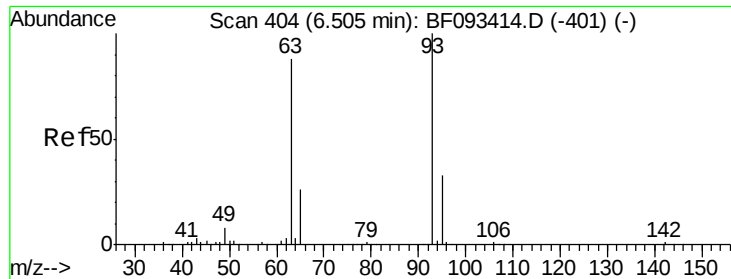
Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Tgt Ion:	94	Resp:	1006724
Ion	Ratio	Lower	Upper
94	100		
65	39.8	21.4	61.4
66	61.7	44.0	84.0





#11
bis(2-Chloroethyl)ether
Concen: 50.19 ng
RT: 6.50 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

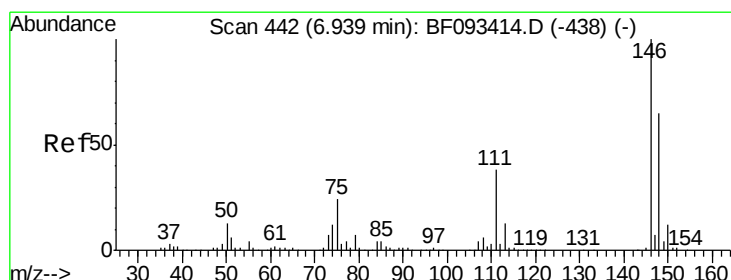
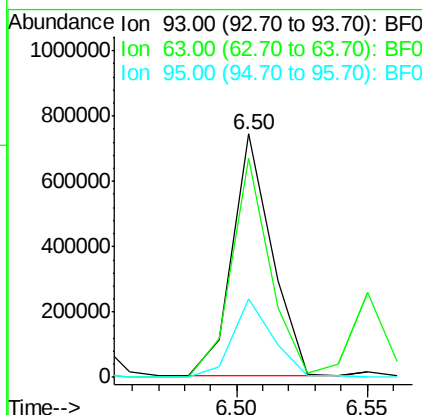
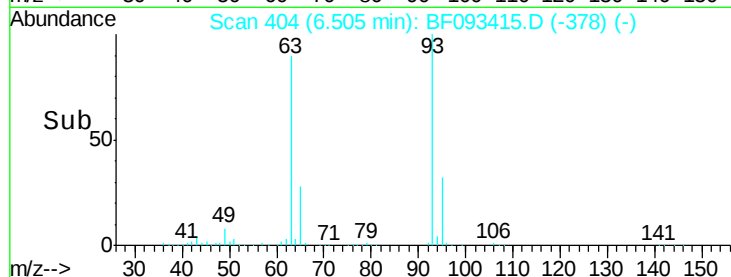
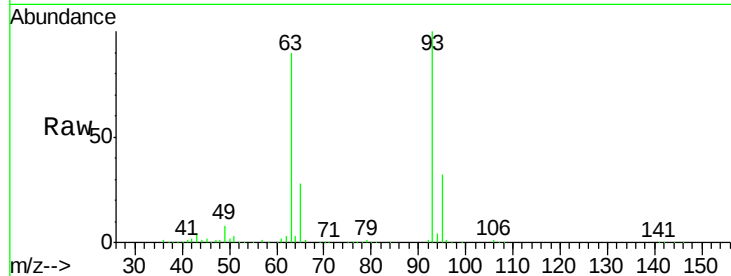
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:	93	Resp:	786326
Ion Ratio	Lower	Upper	
93	100		
63	90.1	60.4	100.4
95	32.4	12.8	52.8

Manual Integrations
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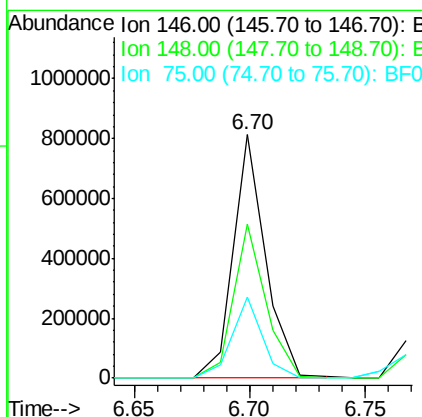
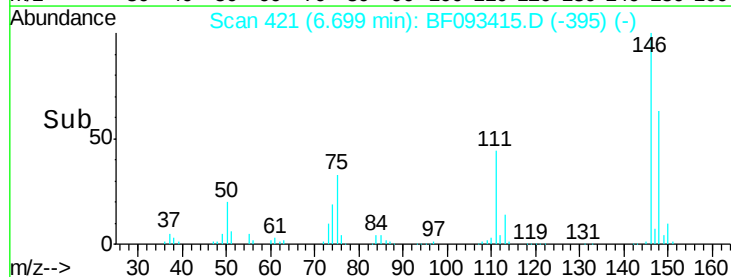
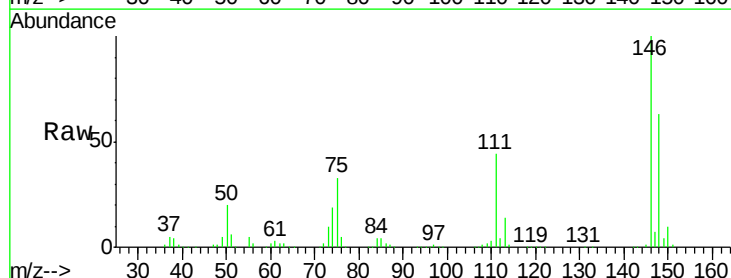
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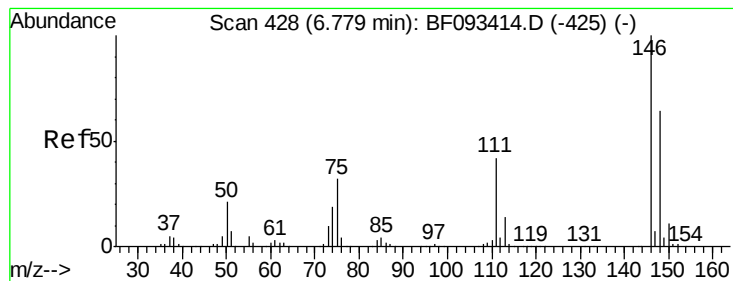
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#12
1,3-Dichlorobenzene
Concen: 47.06 ng m
RT: 6.70 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

Tgt Ion:	146	Resp:	792881
Ion Ratio	Lower	Upper	
146	100		
148	63.3	53.4	80.0
75	33.1	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 48.01 ng

RT: 6.78 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

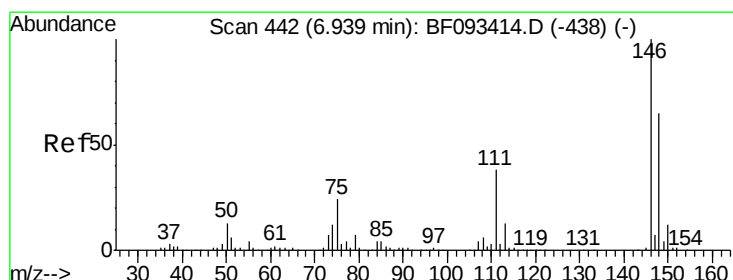
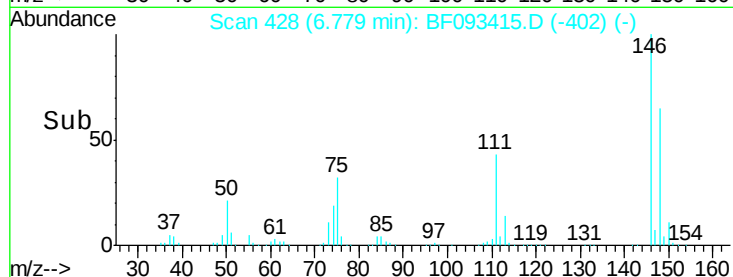
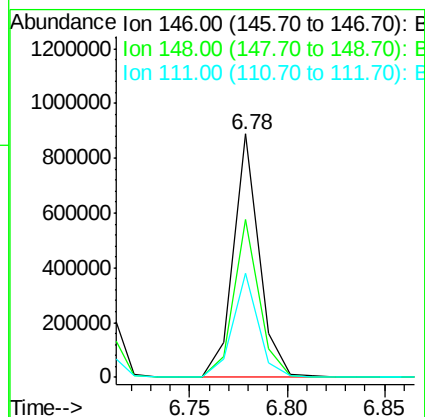
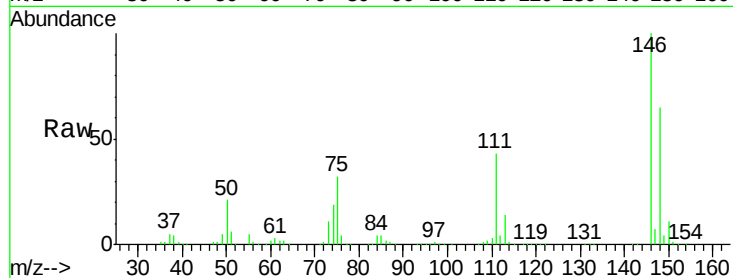
SSTDIC050

Tot Ion:	146	Resp:	818661
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.6	76.0
111	42.7	36.2	54.4

Manual Integrations
APPROVED

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#14

1,2-Dichlorobenzene

Concen: 44.30 ng

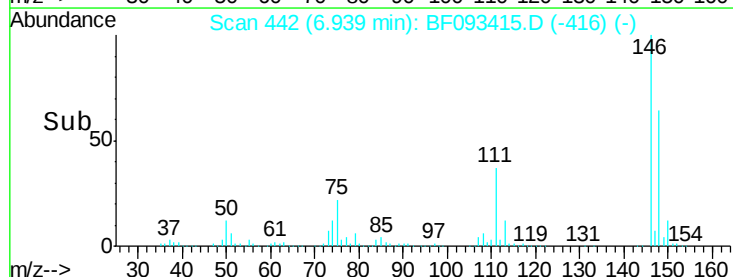
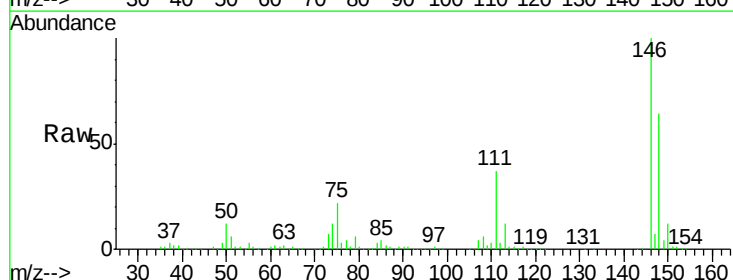
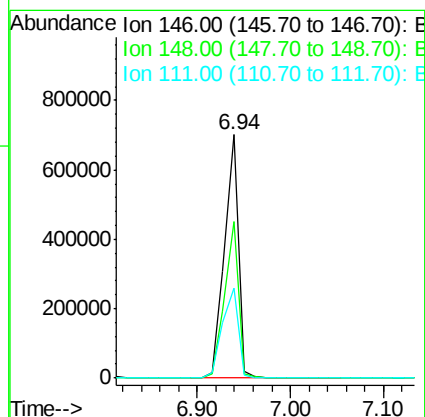
RT: 6.94 min Scan# 442

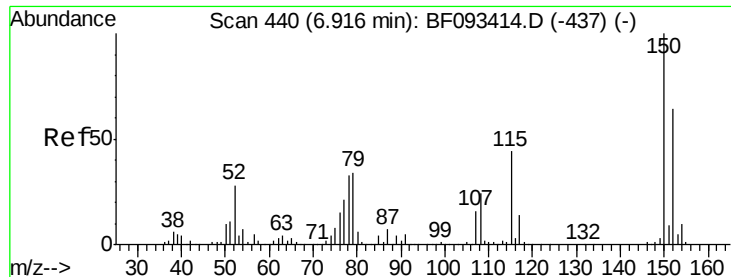
Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Tgt Ion:	146	Resp:	722378
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.2	78.2
111	37.1	36.2	54.2





#15
Benzyl Alcohol
Concen: 44.87 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

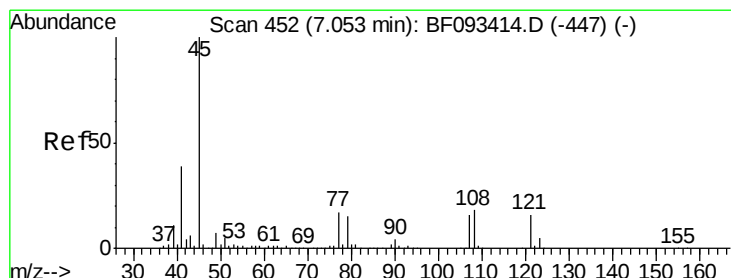
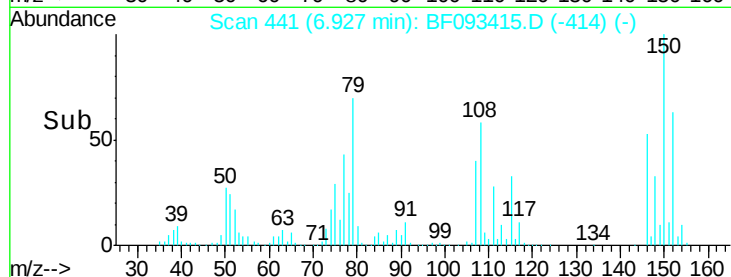
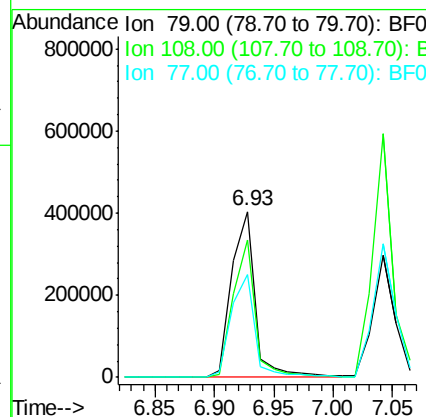
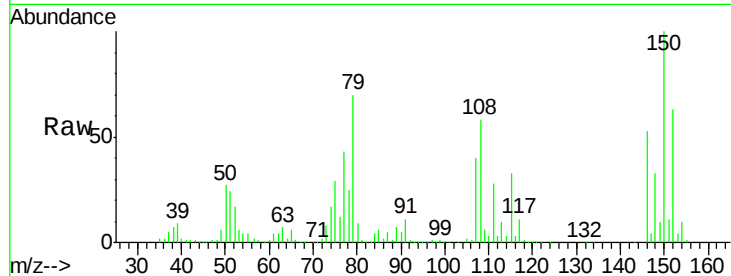
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.5	61.4	92.0
77	62.2	50.9	76.3

Manual Integrations
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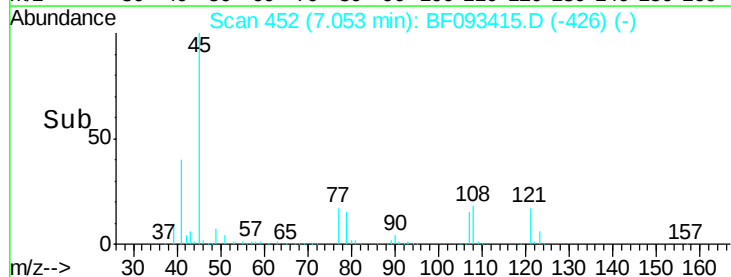
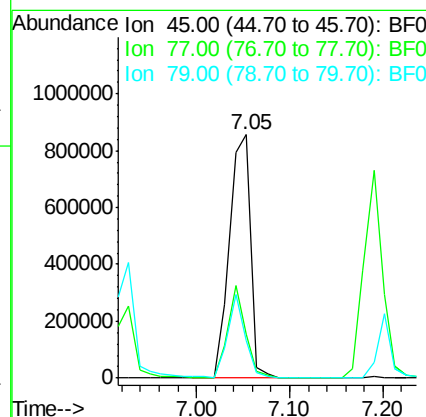
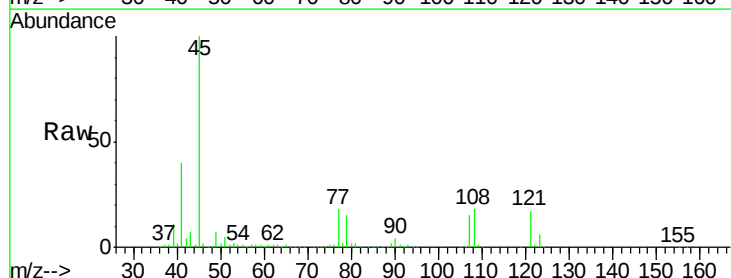
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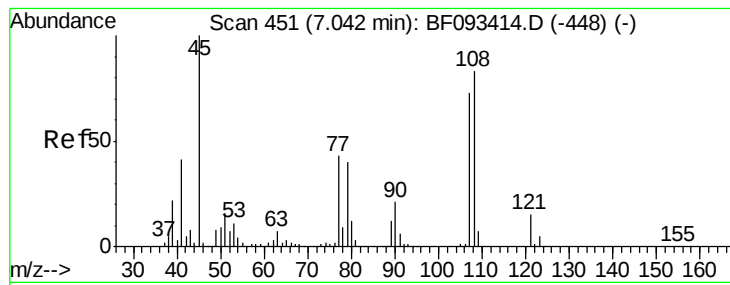
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.60 ng
RT: 7.05 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	34.6
79	15.2	0.0	31.2





#17
2-Methylphenol
Concen: 49.50 ng/ml
RT: 7.04 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

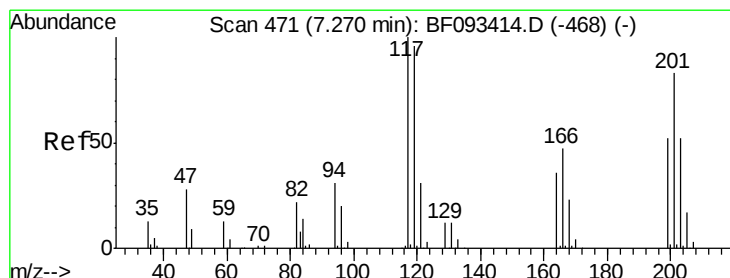
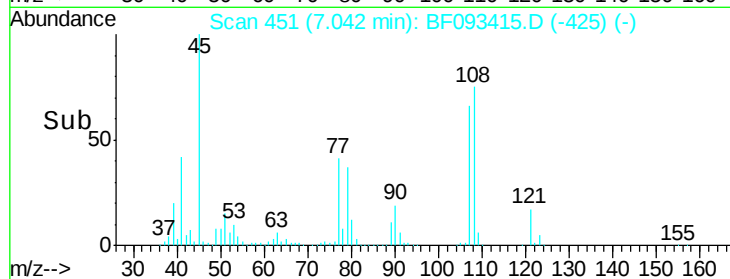
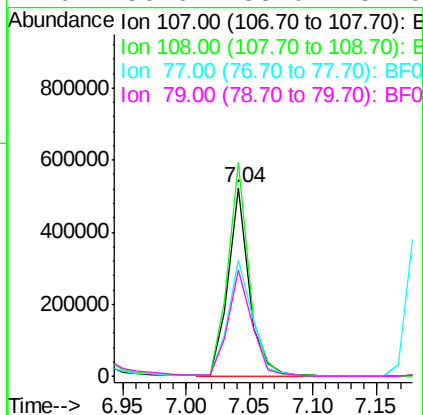
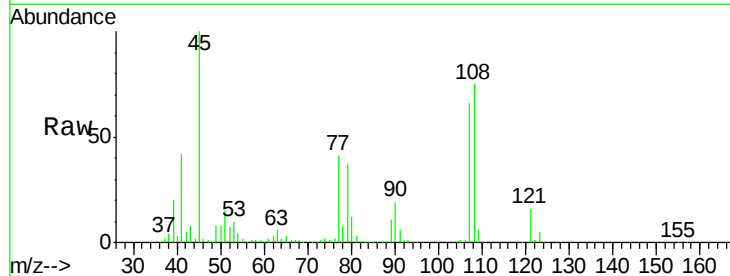
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	93.0	139.6
77	61.9	39.8	59.8
79	56.6	38.0	57.0

Manual Integrations
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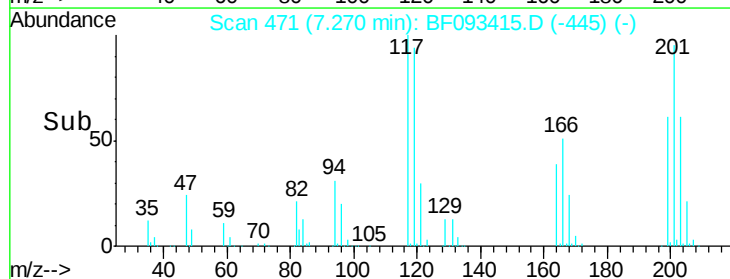
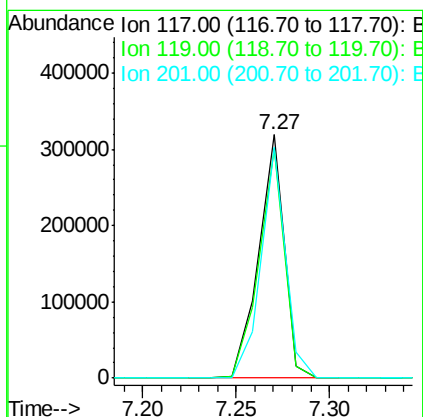
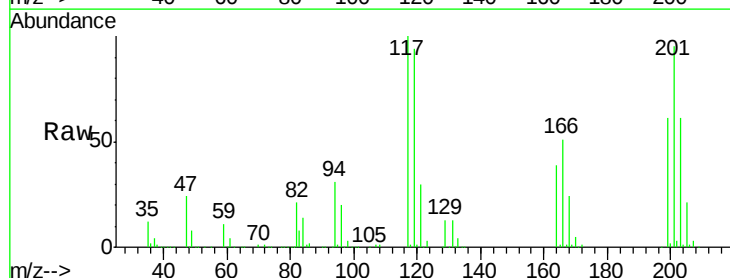
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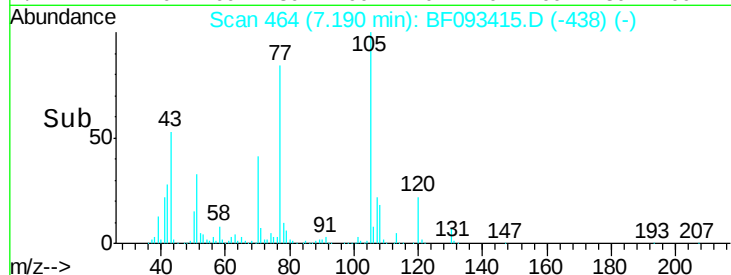
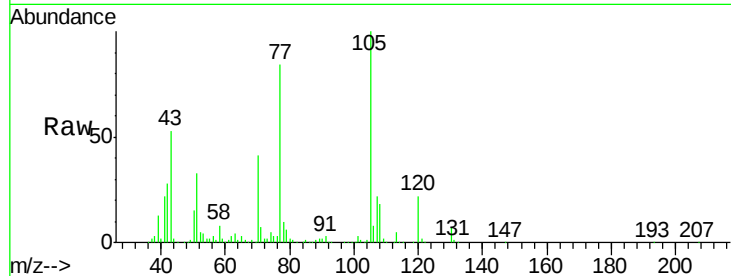
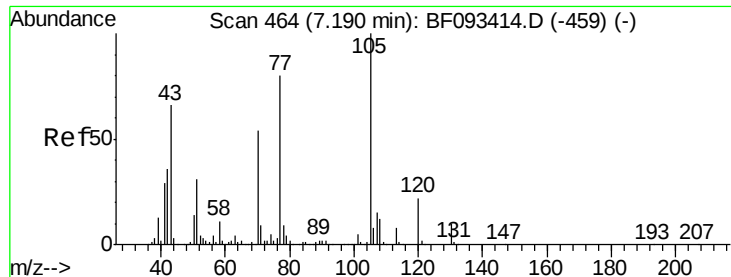
3/8/2017 1:45:28 PM



#18
Hexachloroethane
Concen: 51.45 ng/ml
RT: 7.27 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	78.1	117.1
201	94.6	78.6	117.8





#19
n-Nitroso-di-n-propylamine
Concen: 47.98 ng
RT: 7.19 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

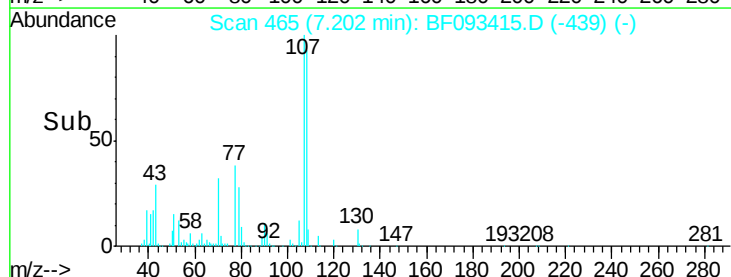
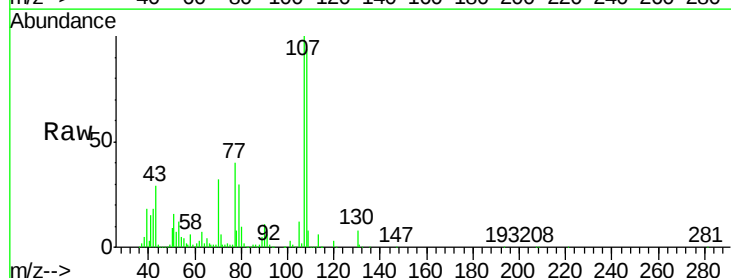
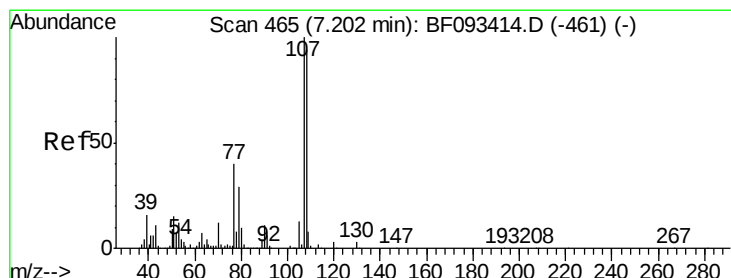
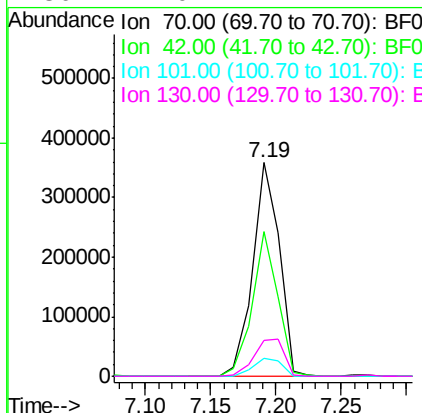
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.0	49.4	74.0
101	8.4	7.4	11.2
130	17.0	14.2	21.4

Manual Integrations
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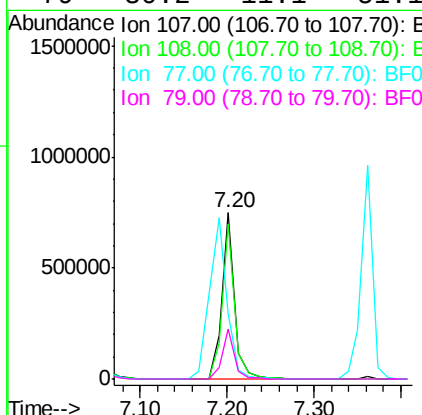
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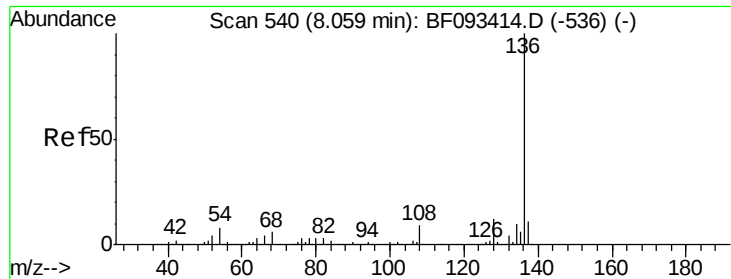
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#20
3+4-Methylphenols
Concen: 51.92 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.6	73.0	113.0
77	39.6	71.3	111.3
79	30.2	11.1	51.1





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

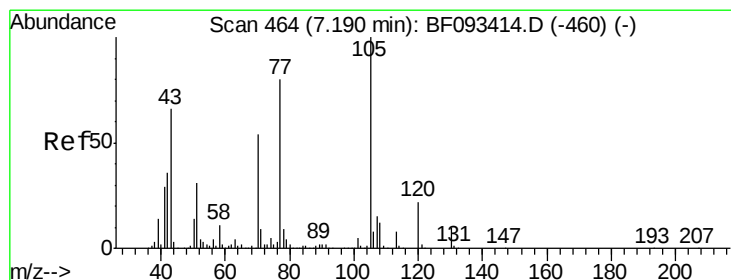
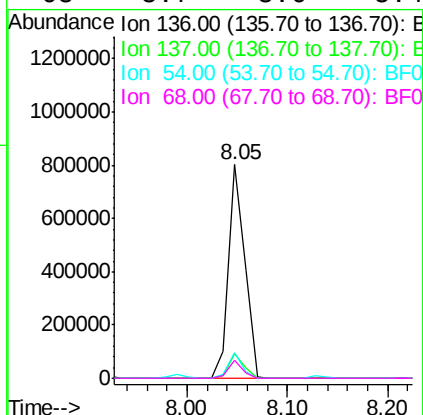
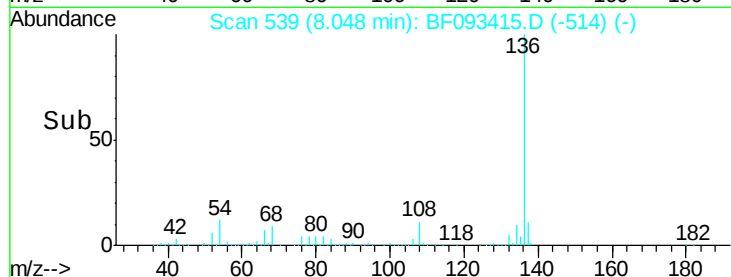
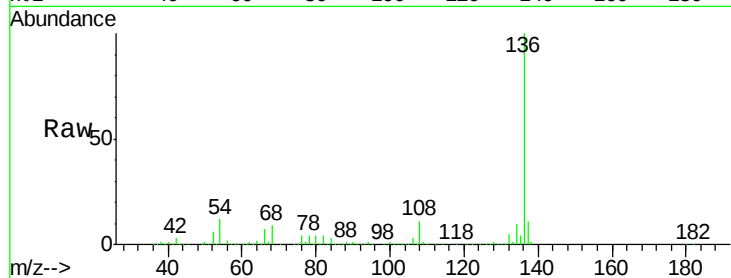
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	12.2	4.5	6.7#
68	8.7	3.6	5.4#

Manual Integrations
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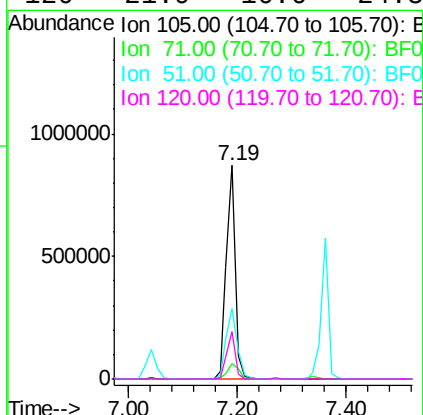
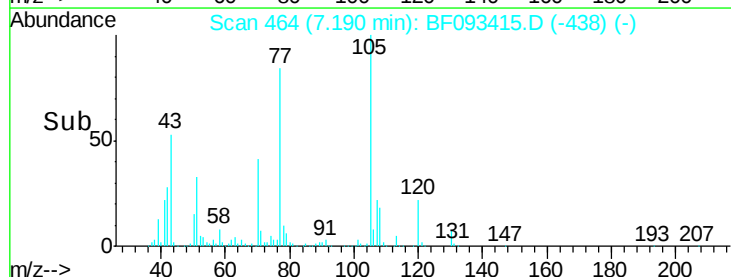
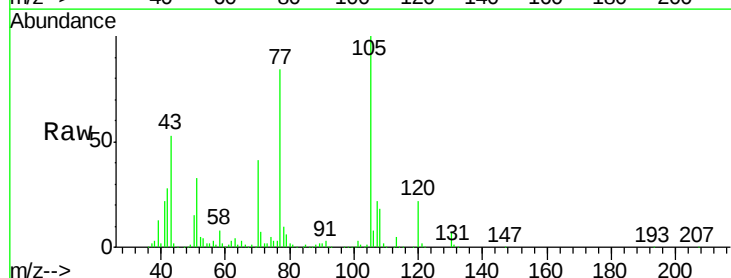
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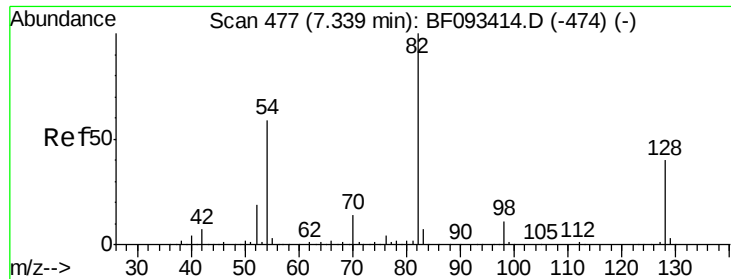
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#22
Acetophenone
Concen: 49.10 ng
RT: 7.19 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.9	3.2	4.8#
51	33.2	26.2	39.4
120	21.9	16.6	24.8





#23
 Nitrobenzene-d5
 Concen: 101.09 ng
 RT: 7.34 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF093415.D
 Acq: 7 Mar 2017 12:52

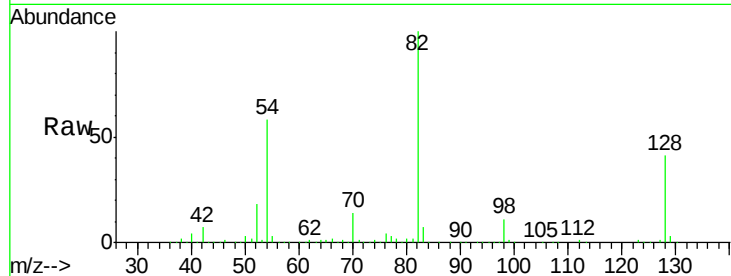
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion: 82 Resp: 1635394
 Ion Ratio Lower Upper
 82 100
 128 40.8 34.6 52.0
 54 58.1 39.5 59.3

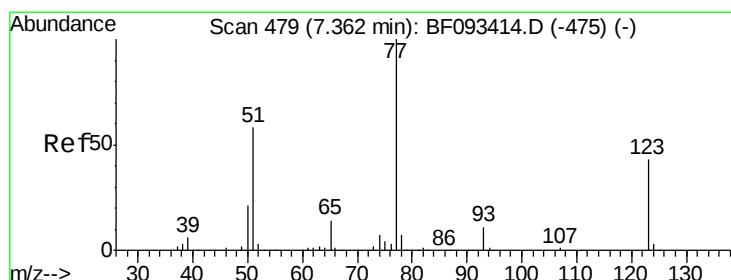
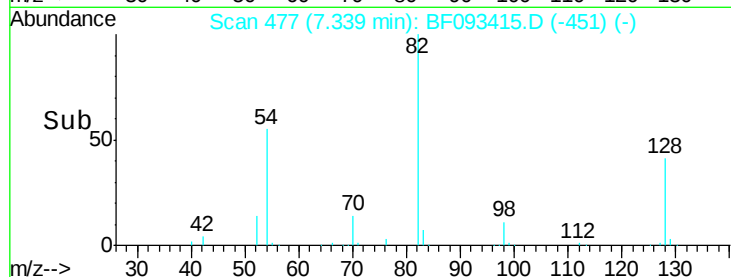
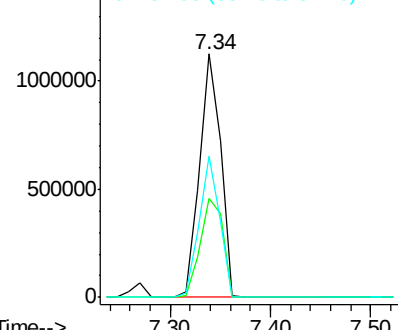
Manual Integrations
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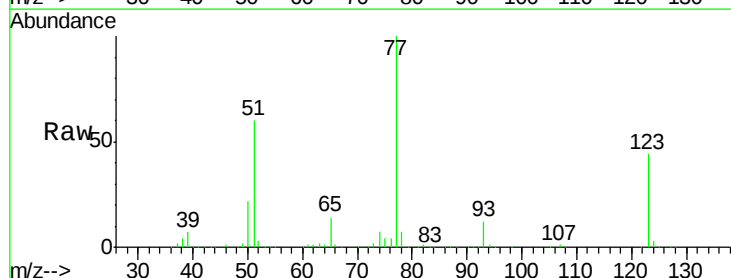


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

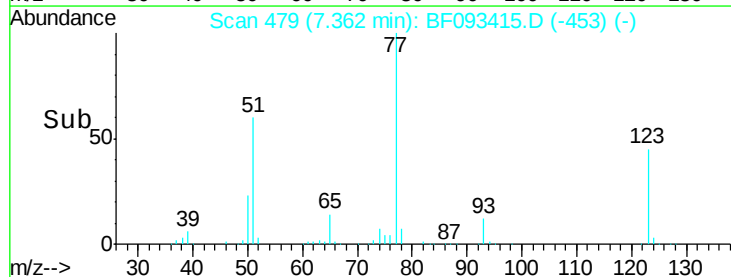
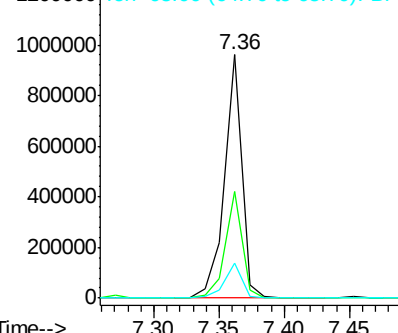


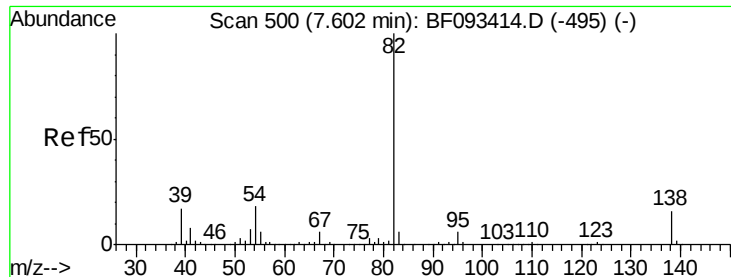
#24
 Nitrobenzene
 Concen: 52.55 ng
 RT: 7.36 min Scan# 479
 Delta R.T. 0.00 min
 Lab File: BF093415.D
 Acq: 7 Mar 2017 12:52

Tgt Ion: 77 Resp: 872958
 Ion Ratio Lower Upper
 77 100
 123 44.0 33.0 49.4
 65 14.2 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 53.18 ng

RT: 7.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 1603084

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 15.9 14.6 22.0

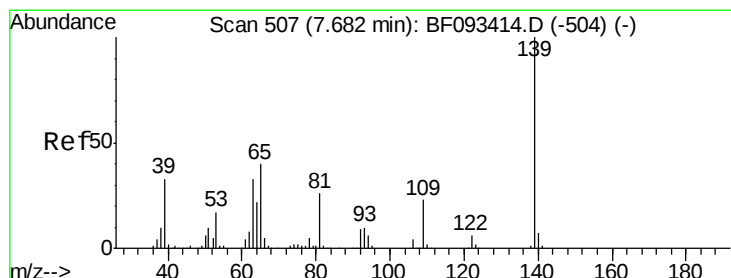
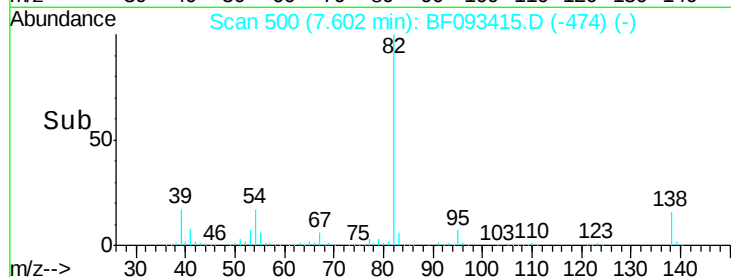
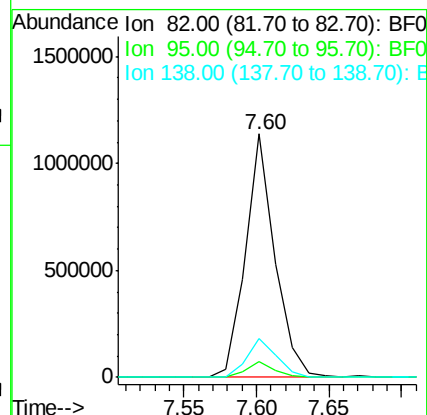
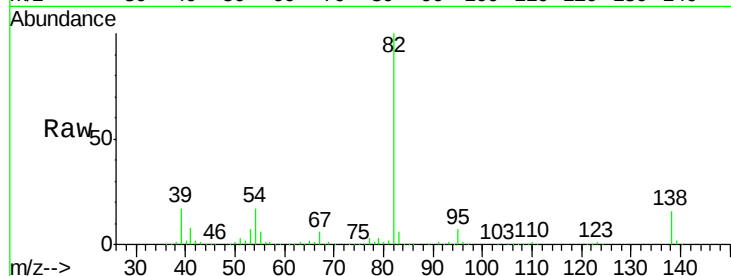
Manual Integrations

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#26

2-Nitrophenol

Concen: 51.23 ng

RT: 7.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

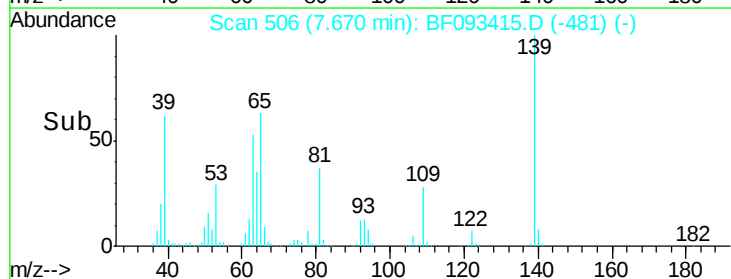
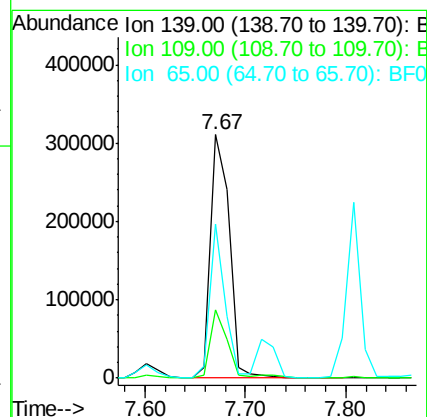
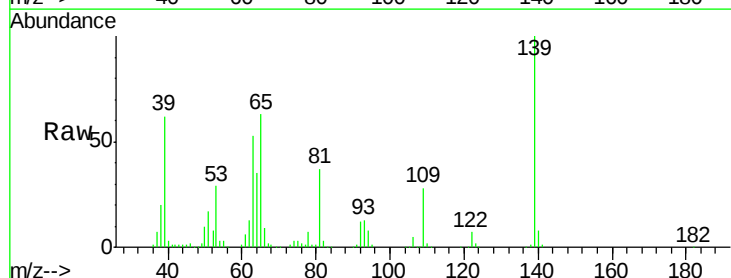
Tgt Ion: 139 Resp: 404557

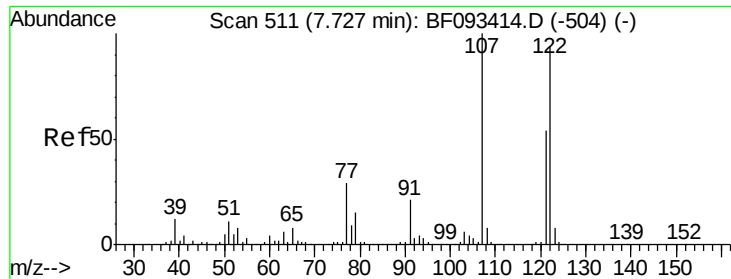
Ion Ratio Lower Upper

139 100

109 28.0 23.3 34.9

65 63.4 42.7 64.1





#27
2,4-Dimethylphenol
Concen: 47.32 ng
RT: 7.73 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

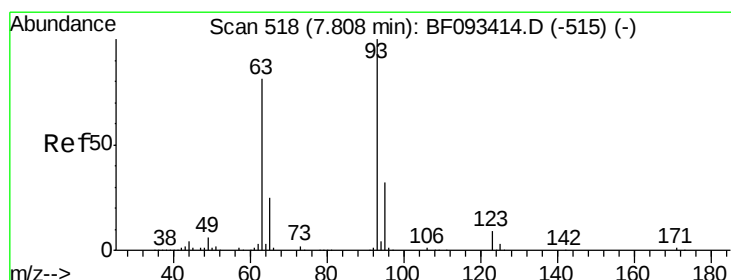
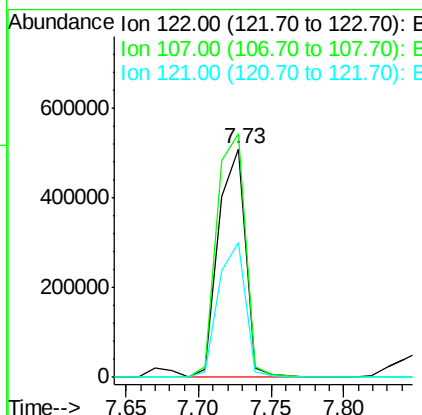
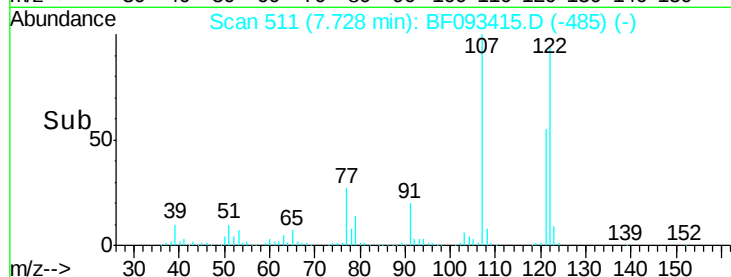
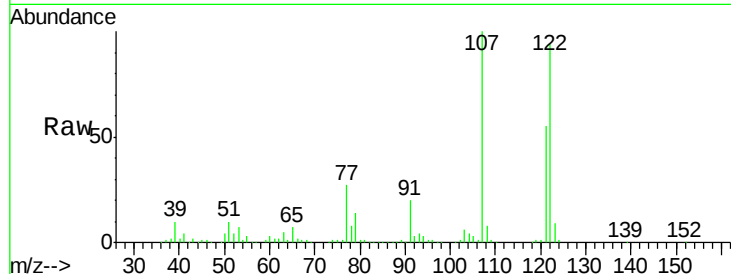
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
122	100	656252		
107	106.6	94.1	141.1	
121	59.0	46.0	69.0	

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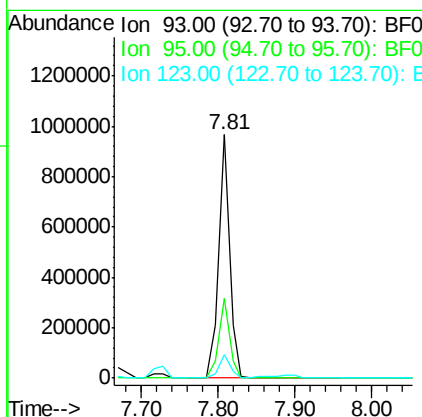
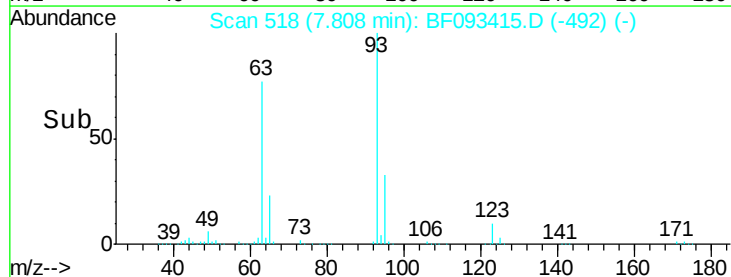
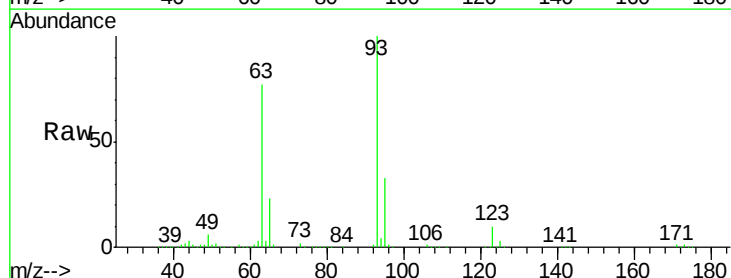
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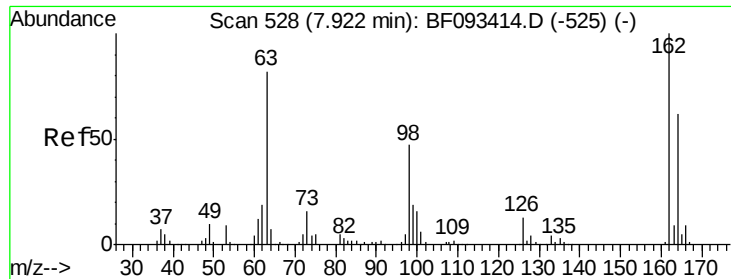
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#28
bis(2-Chloroethoxy)methane
Concen: 48.40 ng
RT: 7.81 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	966276		
95	32.9	26.5	39.7	
123	9.8	8.6	13.0	





#29
2,4-Dichlorophenol
Concen: 47.32 ng
RT: 7.92 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

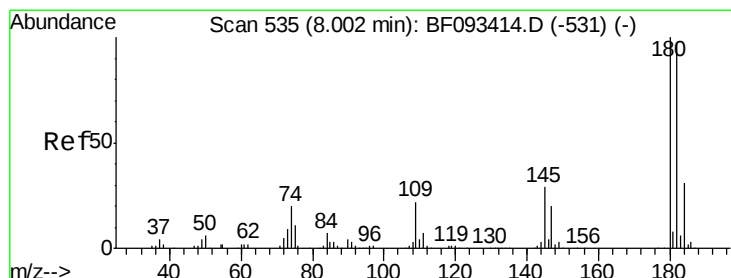
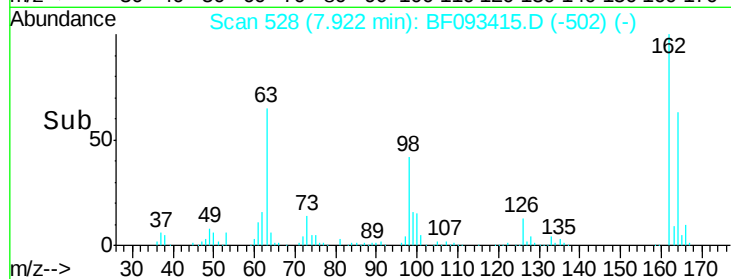
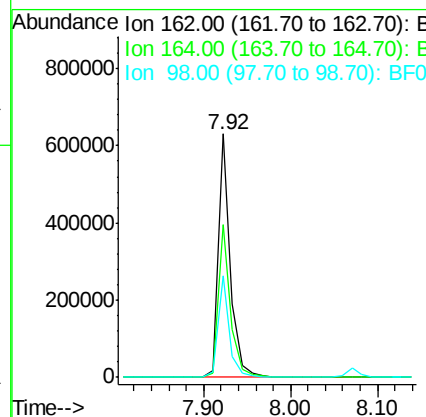
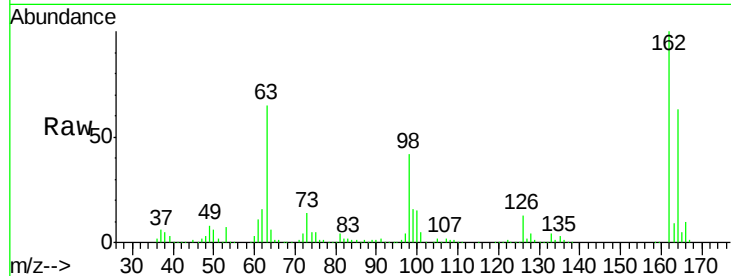
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
162	100	612014		
164	62.7	46.8	86.8	
98	41.8	9.1	49.1	

Manual Integrations
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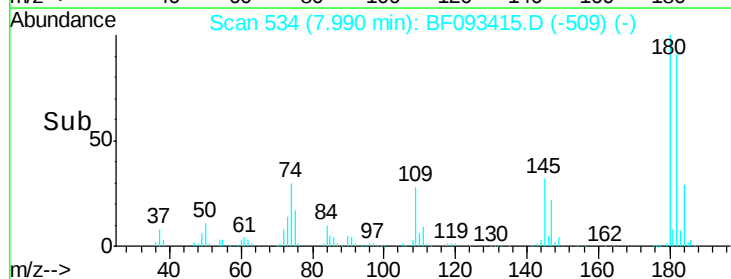
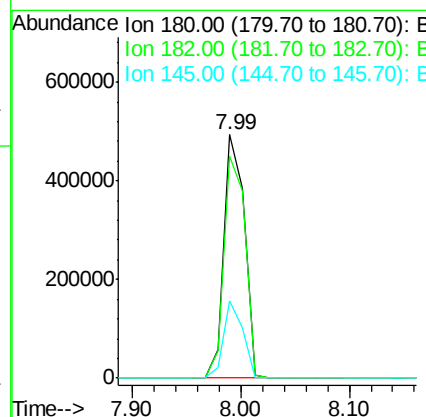
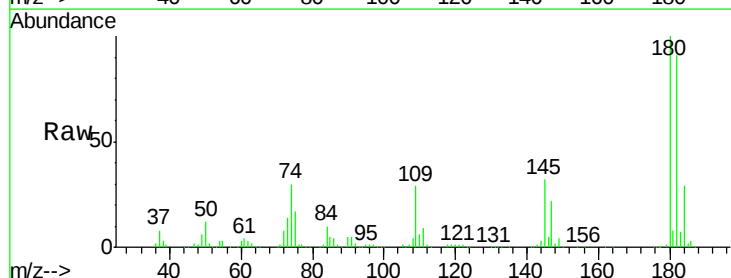
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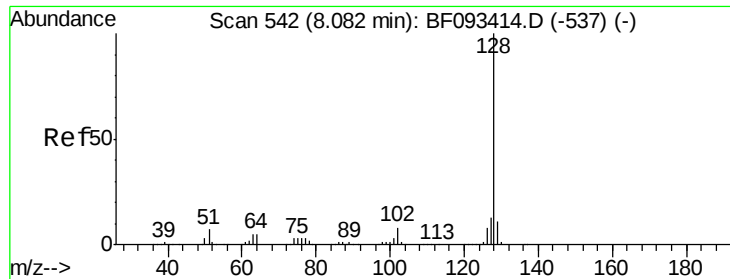
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#30
1,2,4-Trichlorobenzene
Concen: 46.64 ng
RT: 7.99 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	650114		
182	91.1	78.2	117.4	
145	31.7	21.6	32.4	





#31
Naphthalene
Concen: 43.61 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

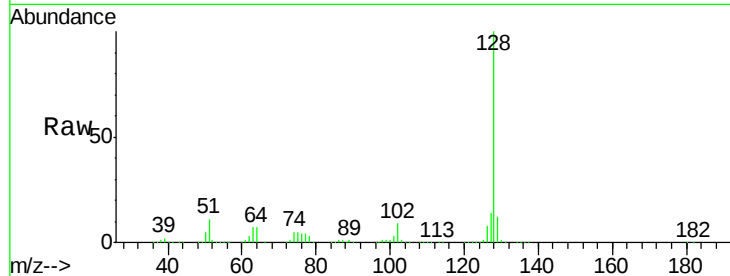
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:128 Resp: 1991740
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.7 10.8 16.2

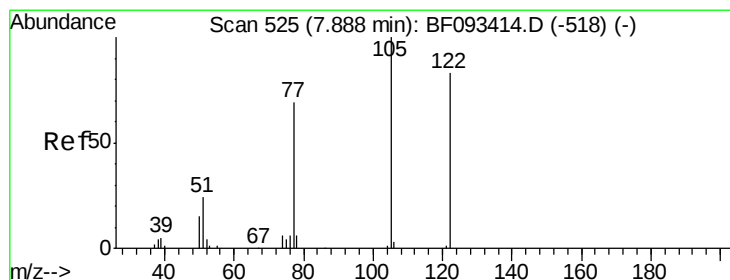
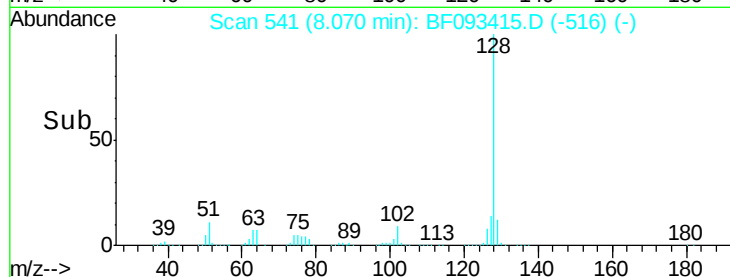
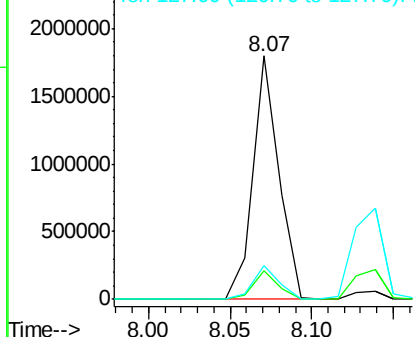
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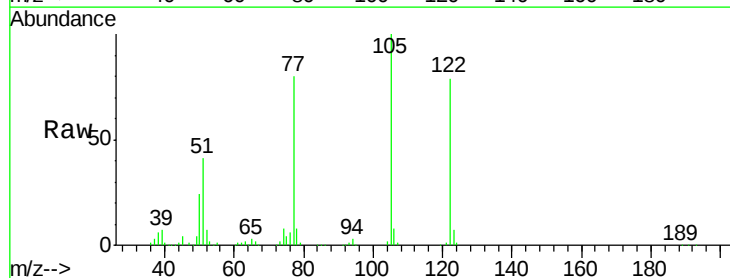


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

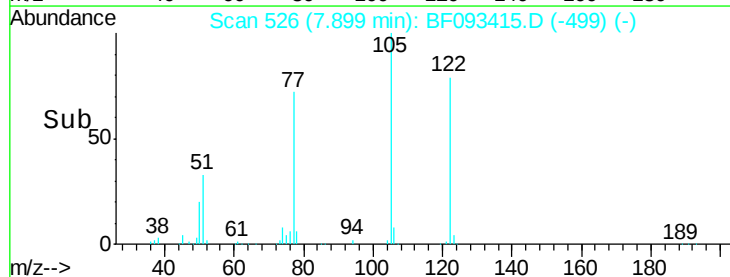
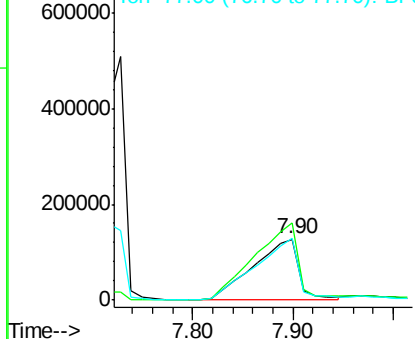


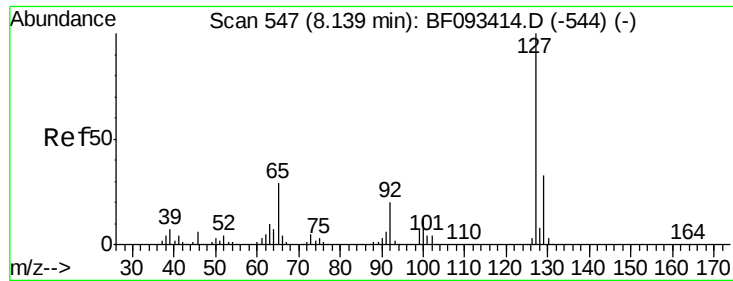
#32
Benzoic acid
Concen: 55.91 ng
RT: 7.90 min Scan# 526
Delta R.T. 0.01 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

Tgt Ion:122 Resp: 393306
Ion Ratio Lower Upper
122 100
105 127.1 107.2 147.2
77 101.6 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 49.86 ng
RT: 8.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

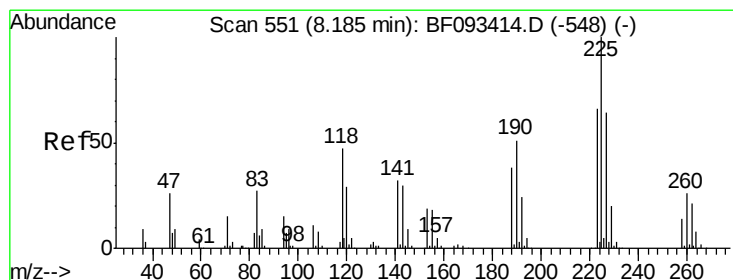
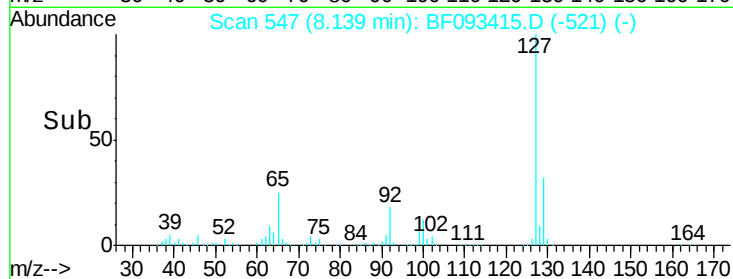
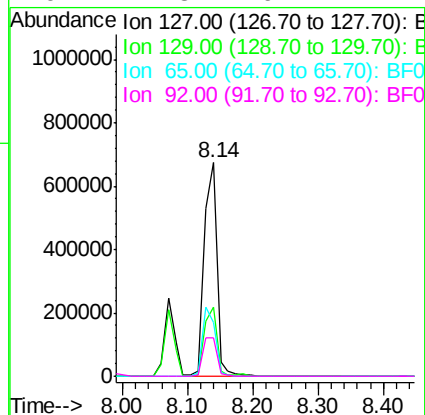
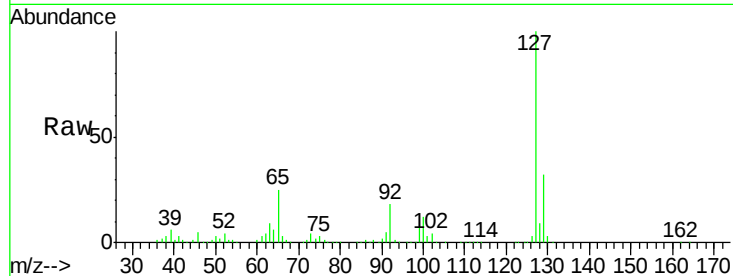
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.3	39.5		
65	24.9	25.8	38.8		
92	17.8	16.1	24.1		

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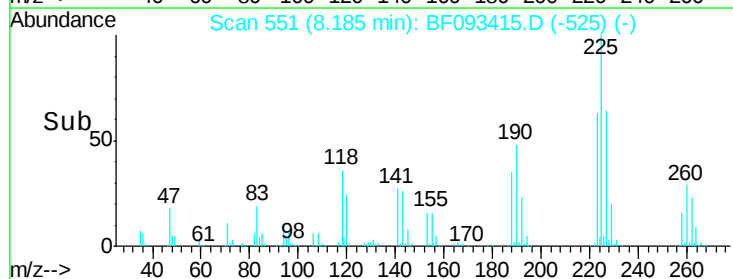
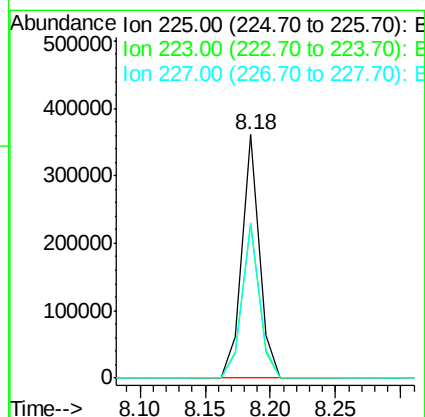
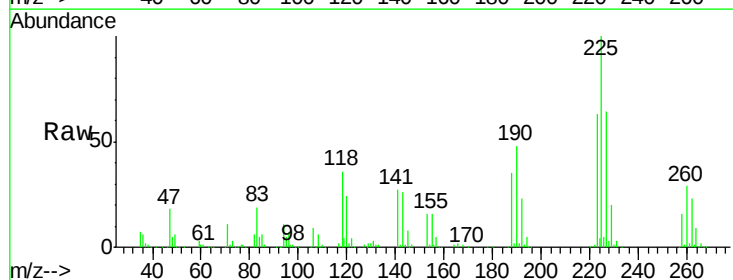
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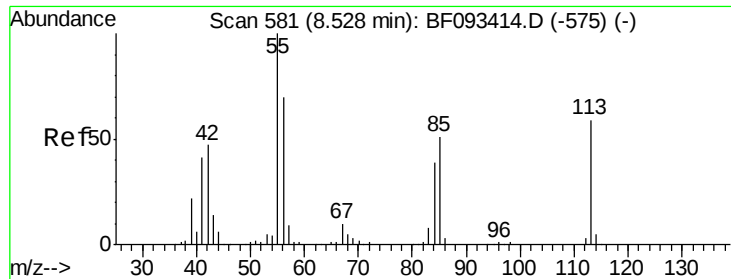
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#34
Hexachlorobutadiene
Concen: 43.58 ng
RT: 8.18 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	51.0	76.6		
227	64.0	50.6	76.0		





#35

Caprolactam

Concen: 56.11 ng

RT: 8.54 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:113 Resp: 228292
Ion Ratio Lower Upper

113 100

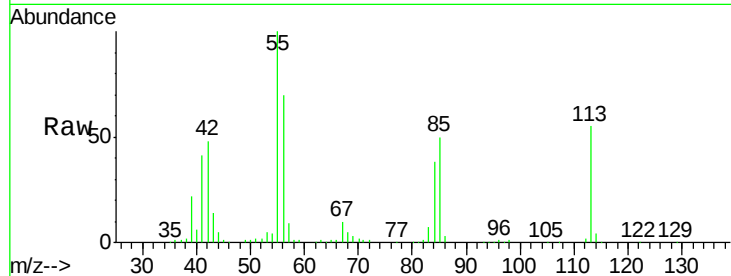
55 181.0 119.2 159.2#

56 127.5 83.8 123.8#

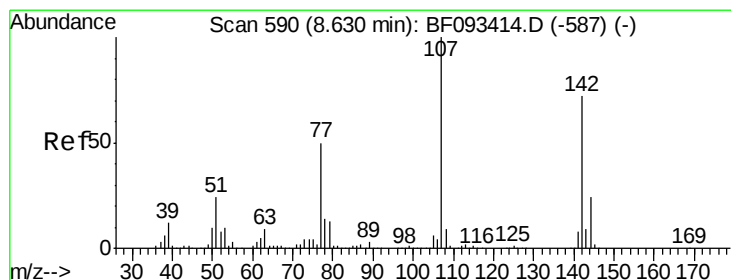
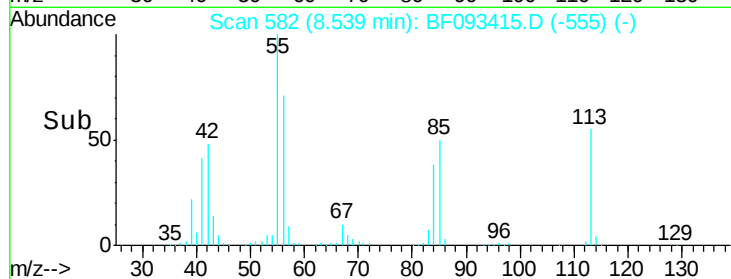
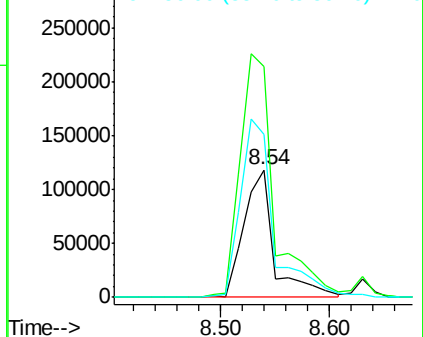
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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.89 ng

RT: 8.63 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF093415.D

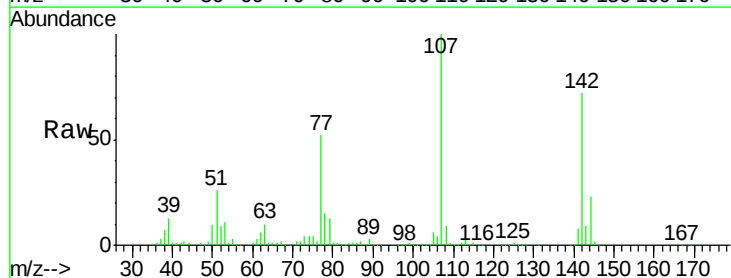
Acq: 7 Mar 2017 12:52

Tgt Ion:107 Resp: 632233
Ion Ratio Lower Upper

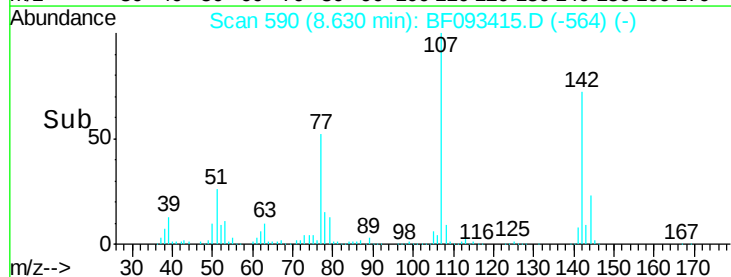
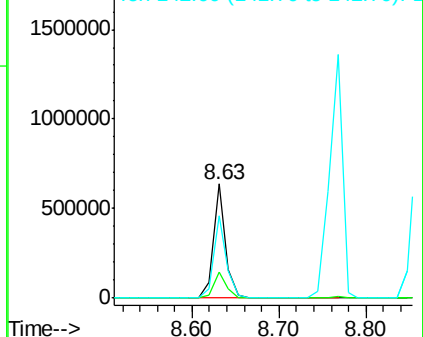
107 100

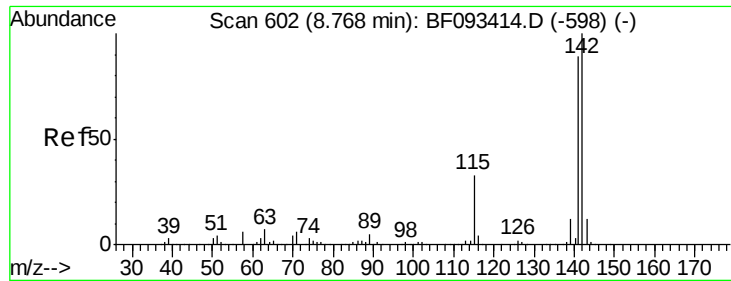
144 23.2 19.3 28.9

142 71.8 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37
2-Methylnaphthalene
Concen: 47.59 ng
RT: 8.77 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

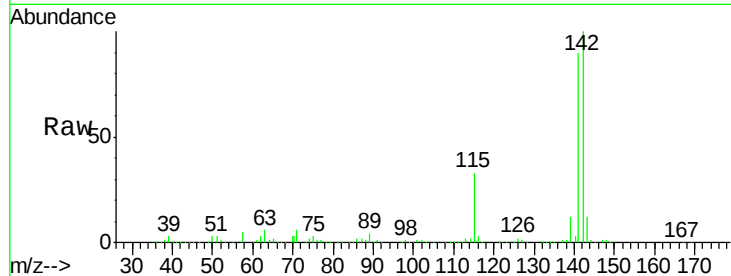
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
142	100			
141	90.1	71.0	106.6	
115	32.7	28.3	42.5	

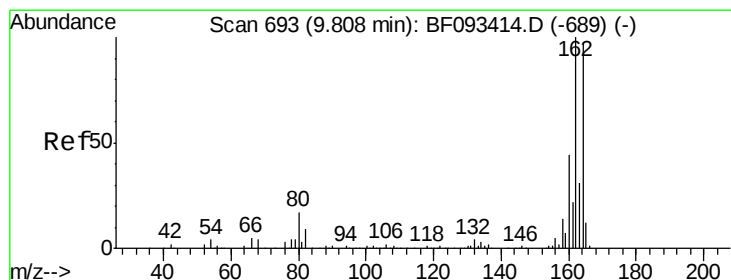
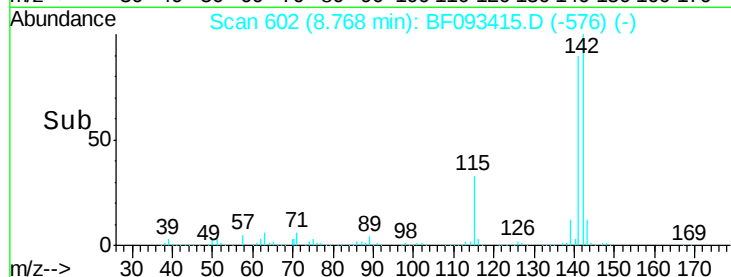
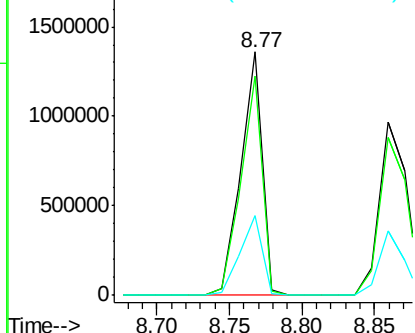
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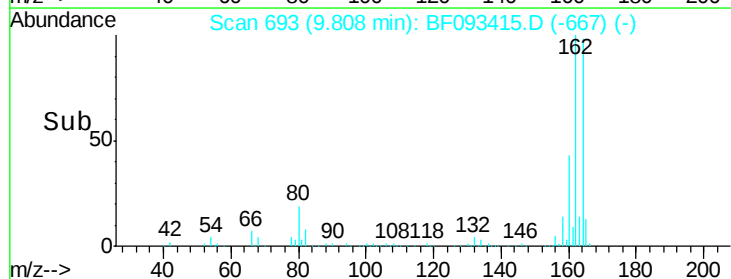
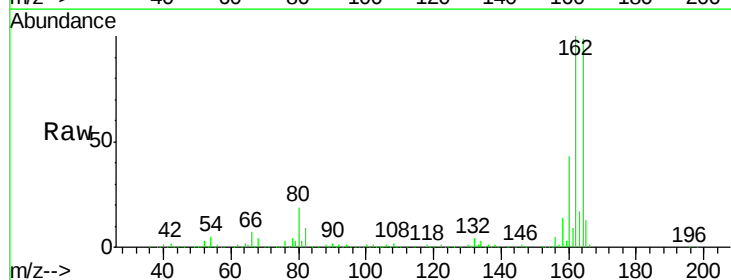
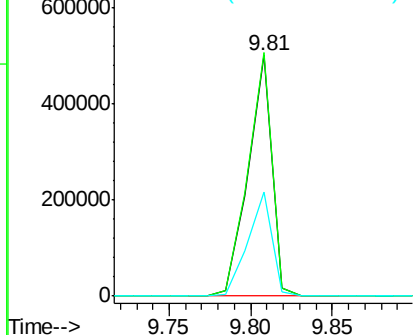
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

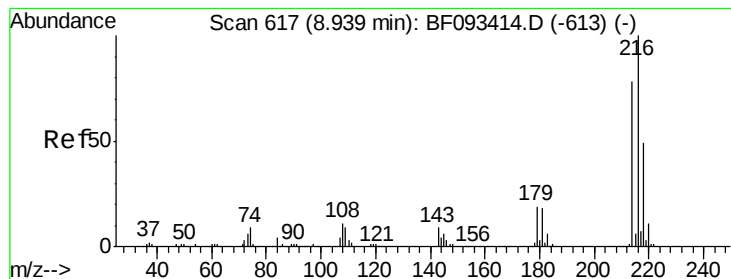


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

Tgt Ion	Ion	Ratio	Lower	Upper
164	100			
162	101.2	80.2	120.2	
160	43.1	36.9	55.3	

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.98 ng

RT: 8.93 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

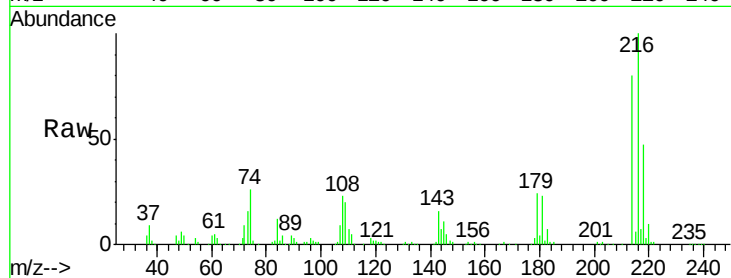
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		608424		
214	78.9		63.4	95.0	
179	21.2		17.4	26.2	
108	18.0		15.6	23.4	

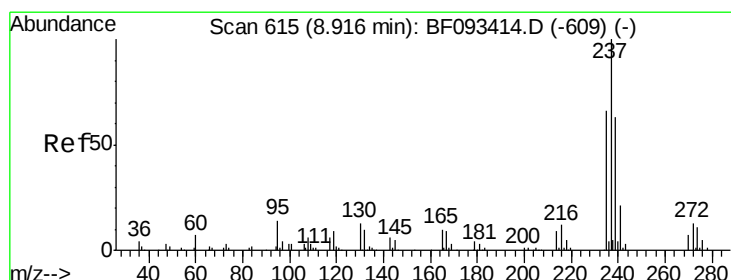
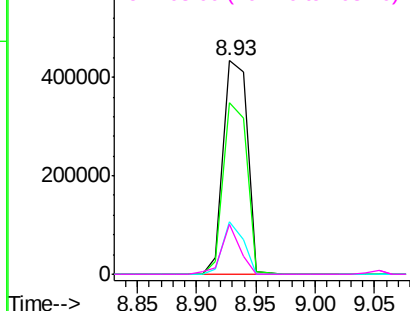
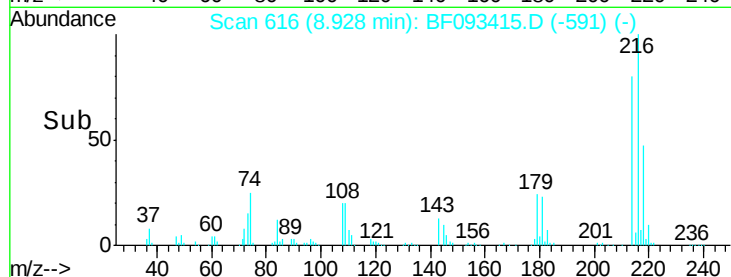
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 23.09 ng

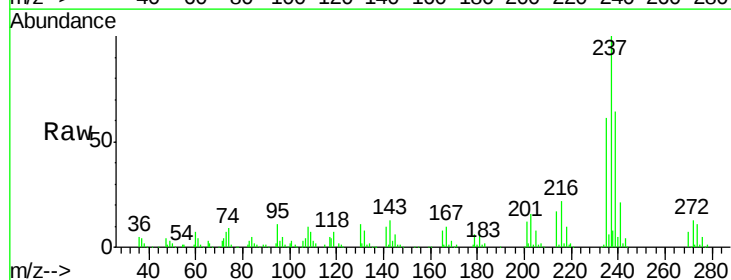
RT: 8.92 min Scan# 615

Delta R.T. 0.00 min

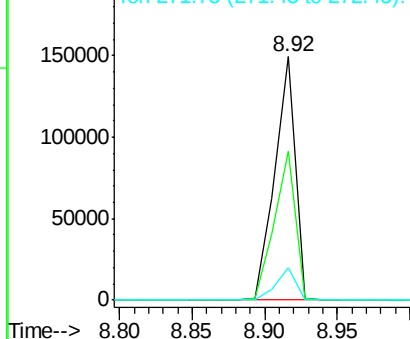
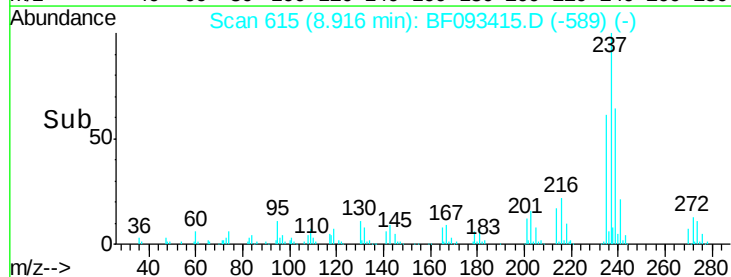
Lab File: BF093415.D

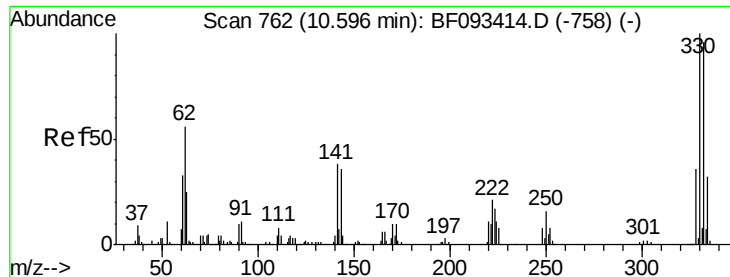
Acq: 7 Mar 2017 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		147490		
235	61.0		41.2	81.2	
272	13.4		0.0	35.4	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#41
 2,4,6-Tribromophenol
 Concen: 78.01 ng
 RT: 10.60 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF093415.D
 Acq: 7 Mar 2017 12:52

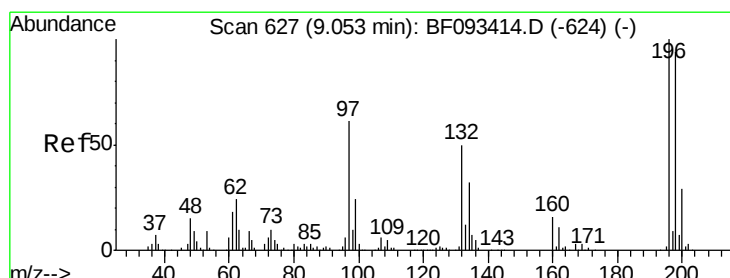
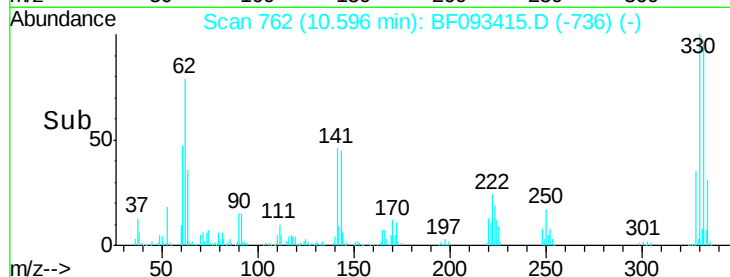
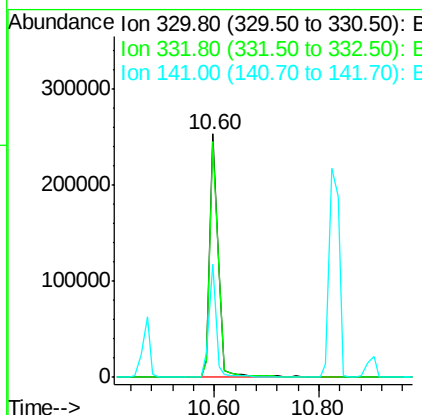
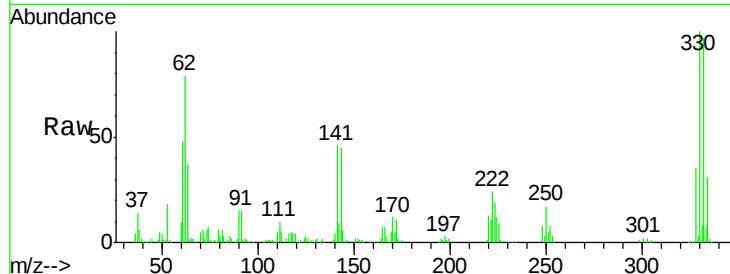
Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
330	100	284543		
332	97.5		77.4	116.2
141	39.3		34.1	51.1

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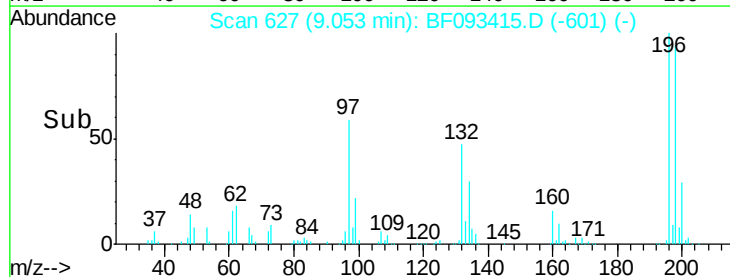
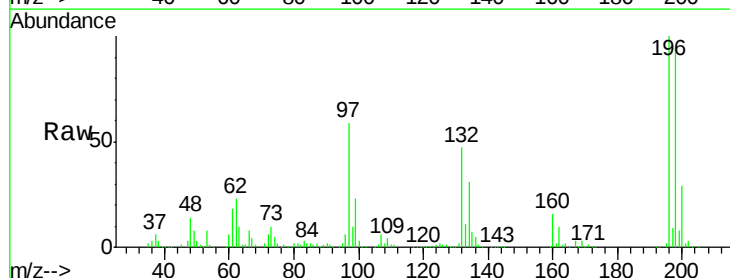
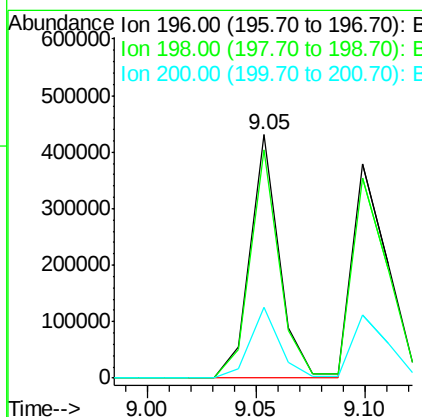
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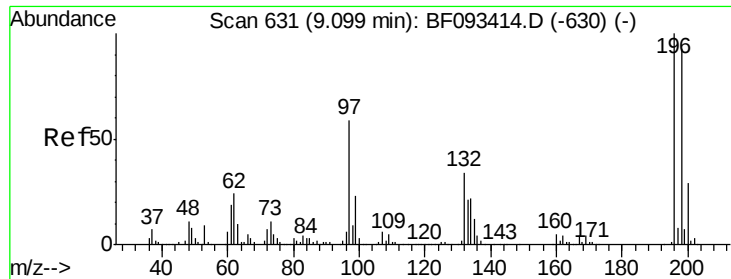
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#42
 2,4,6-Trichlorophenol
 Concen: 43.59 ng
 RT: 9.05 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF093415.D
 Acq: 7 Mar 2017 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	405487		
198	93.8		82.1	123.1
200	29.3		27.0	40.4





#43
 2,4,5-Trichlorophenol
 Concen: 42.34 ng
 RT: 9.10 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF093415.D
 Acq: 7 Mar 2017 12:52

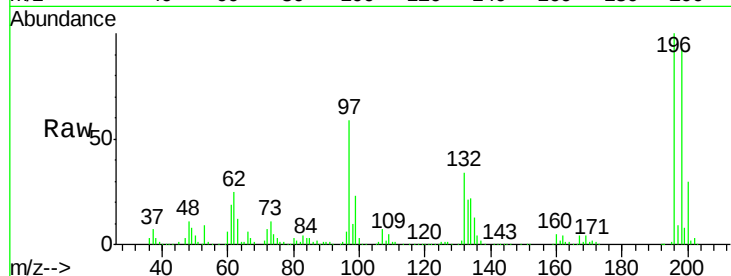
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	196	Resp:	431510
Ion Ratio		Lower	Upper
196	100		
198	93.5	79.4	119.2
97	59.1	51.5	77.3
132	33.8	27.4	41.2

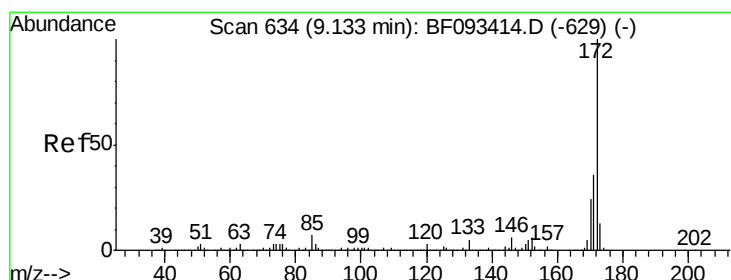
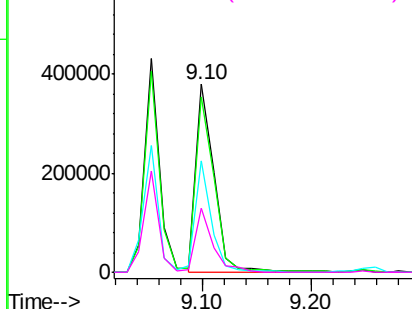
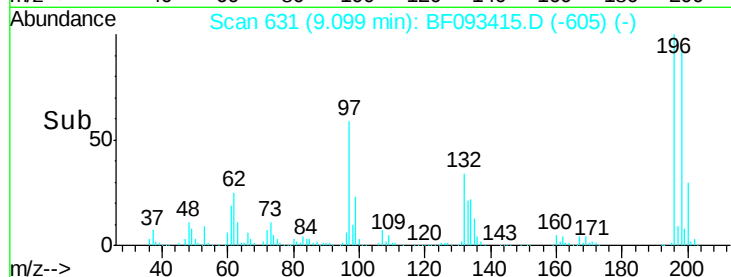
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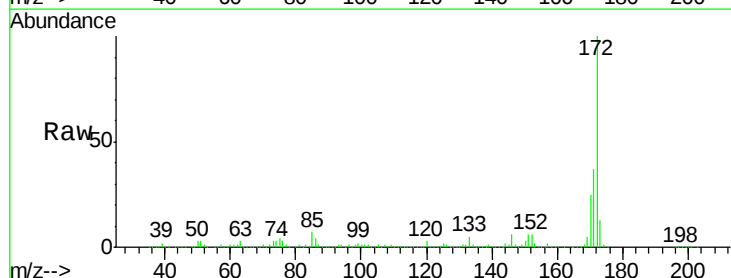


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

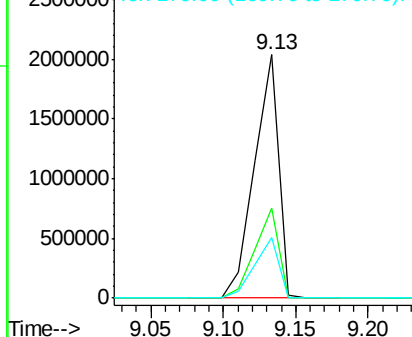
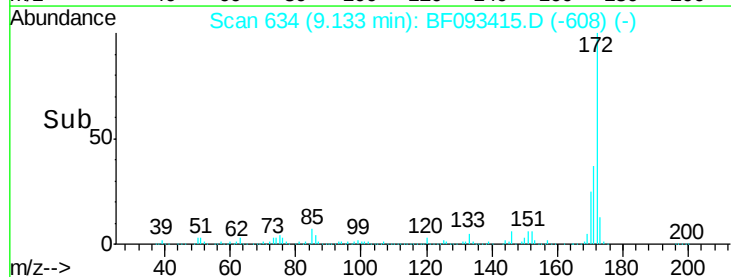


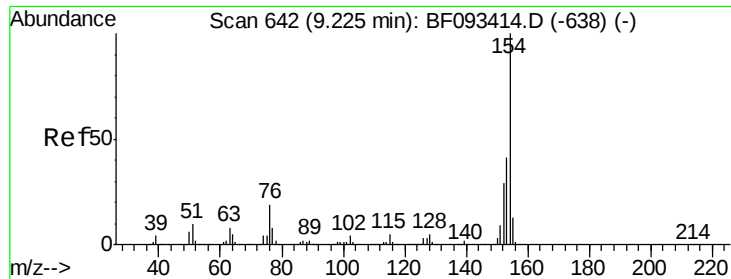
#44
 2-Fluorobiphenyl
 Concen: 84.64 ng
 RT: 9.13 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF093415.D
 Acq: 7 Mar 2017 12:52

Tgt Ion:	172	Resp:	2356024
Ion Ratio		Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.8	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45
 1,1'-Biphenyl
 Concen: 45.57 ng
 RT: 9.24 min Scan# 643
 Delta R.T. 0.01 min
 Lab File: BF093415.D
 Acq: 7 Mar 2017 12:52

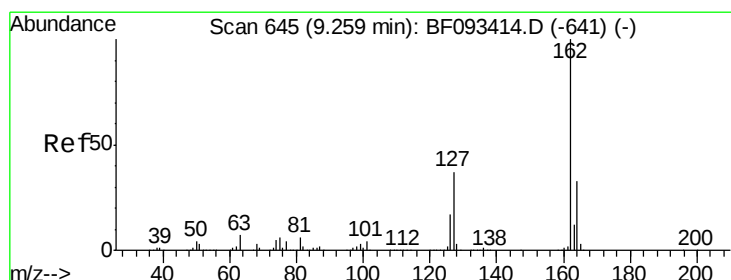
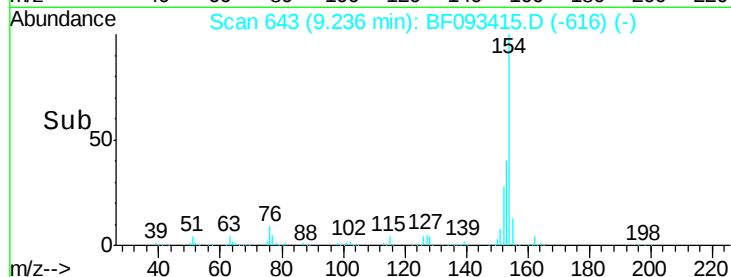
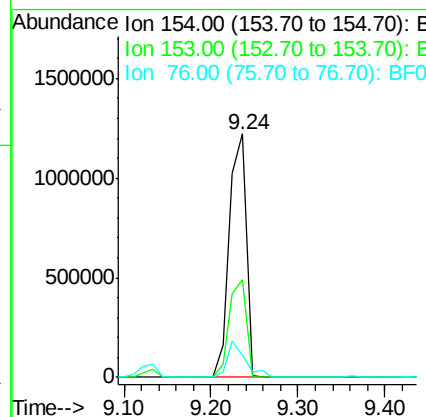
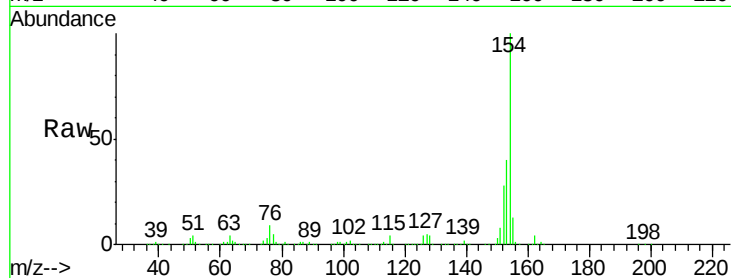
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.9	60.9
76	9.1	0.0	30.5

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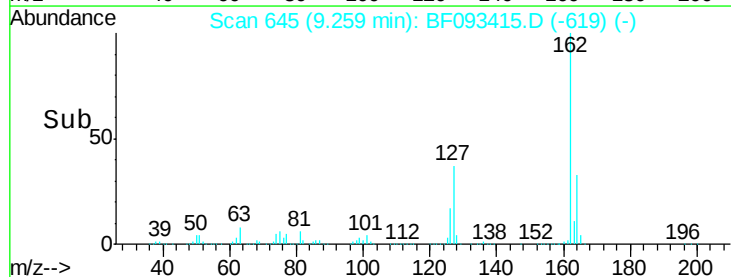
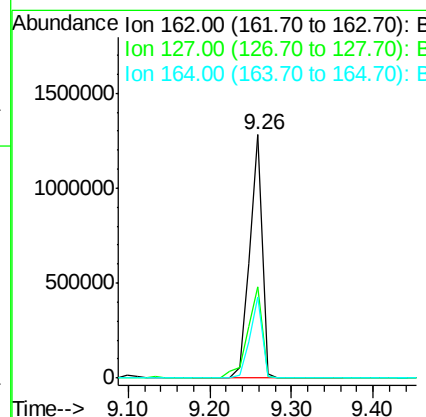
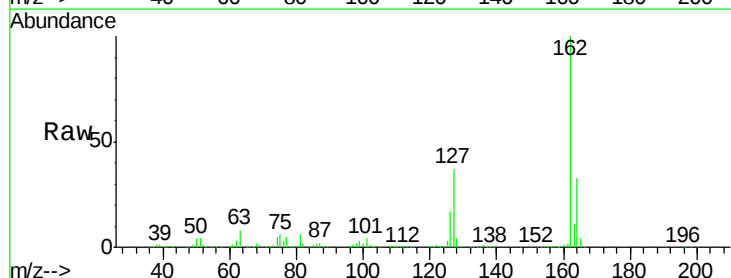
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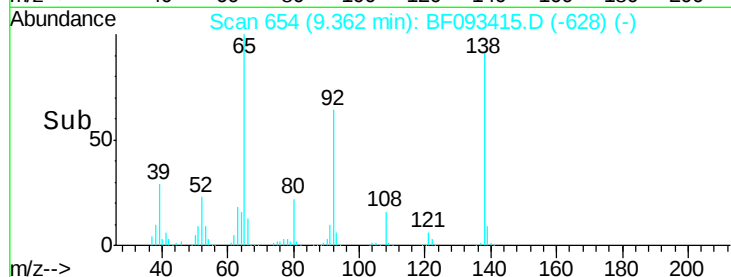
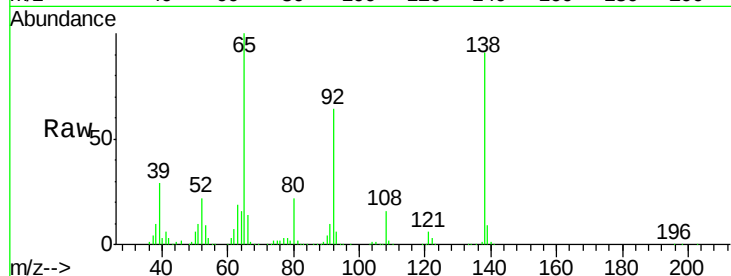
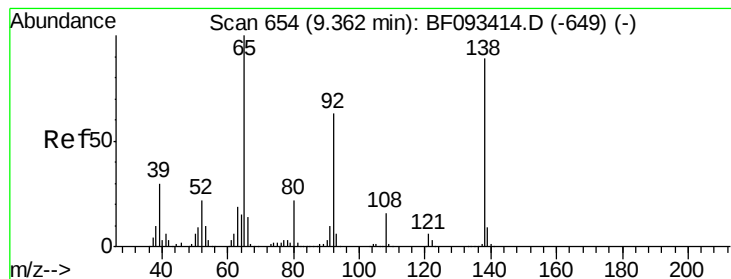
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#46
 2-Chloronaphthalene
 Concen: 47.30 ng
 RT: 9.26 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF093415.D
 Acq: 7 Mar 2017 12:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.7	46.1
164	33.1	27.6	41.4





#47

2-Nitroaniline

Concen: 45.65 ng

RT: 9.36 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Tot Ion:	65	Resp:	438465
Ion Ratio	Lower	Upper	
65	100		
92	64.3	53.9	80.9
138	90.5	76.8	115.2

Instrument :

BNA_F

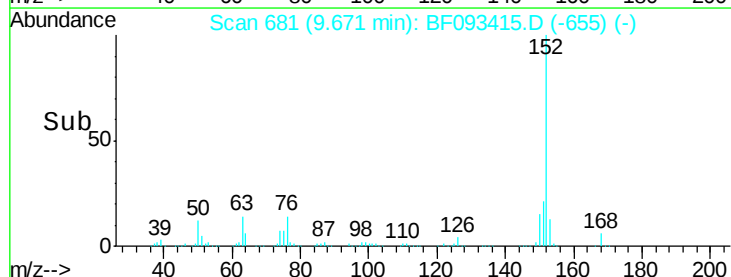
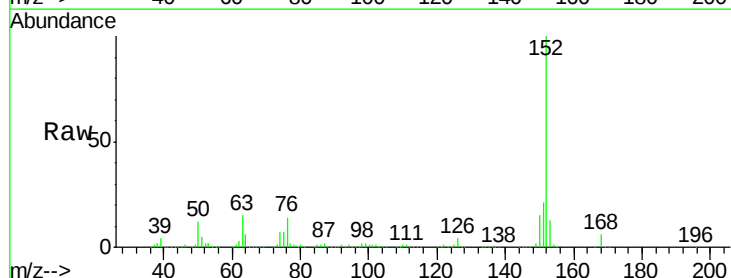
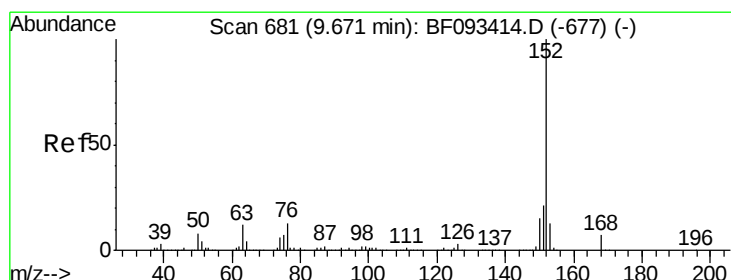
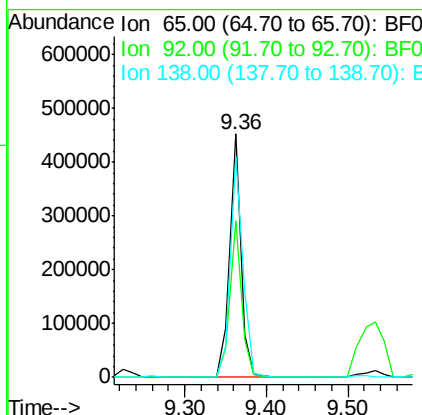
ClientSampleId :

SSTDIC050

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#48

Acenaphthylene

Concen: 41.68 ng

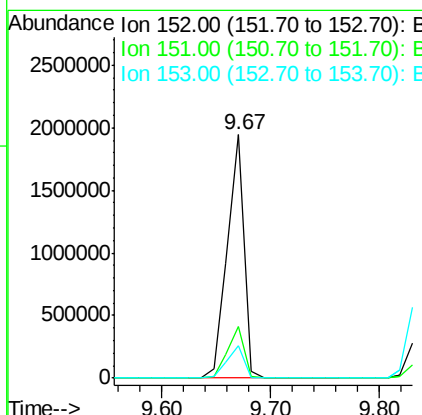
RT: 9.67 min Scan# 681

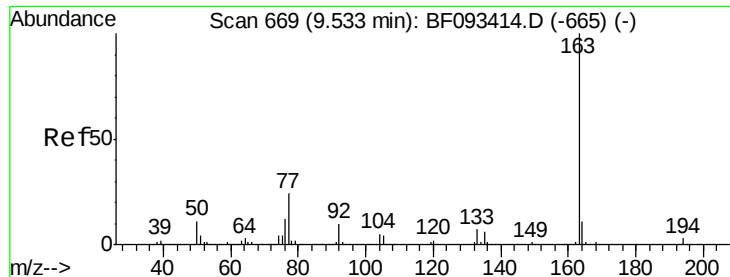
Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Tgt Ion:	152	Resp:	2056740
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.9	25.3
153	13.4	11.4	17.2





#49
Dimethylphthalate
Concen: 45.05 ng
RT: 9.53 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

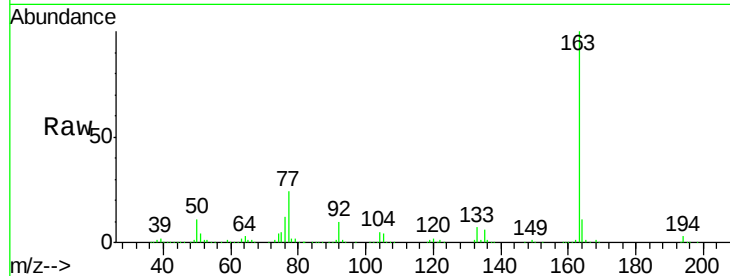
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.7	8.0	12.0

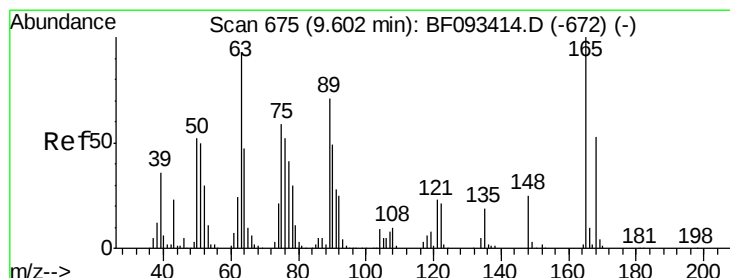
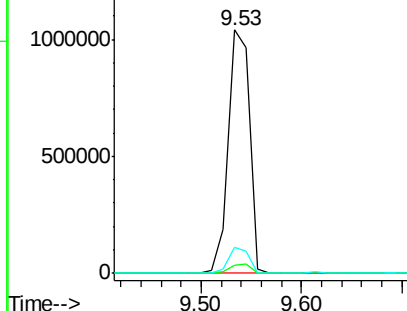
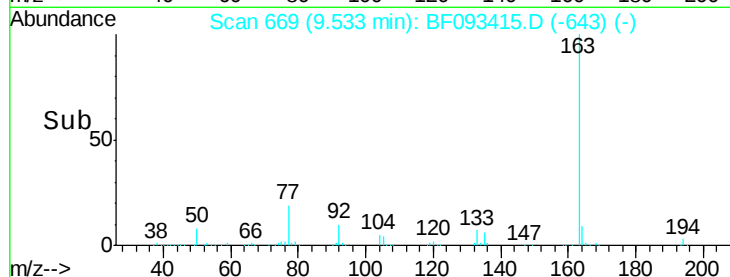
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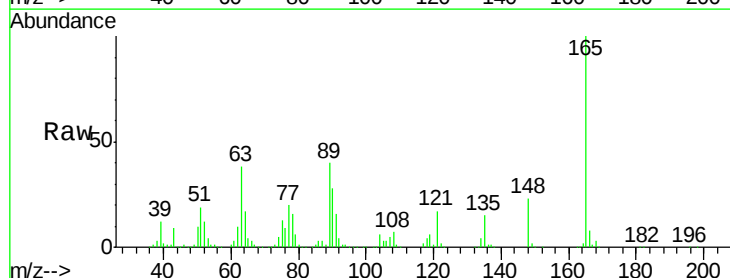


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

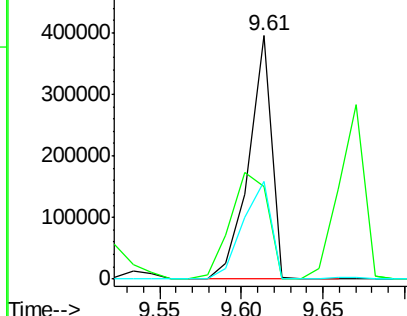
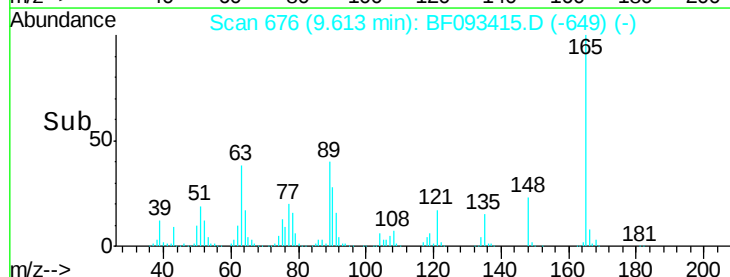


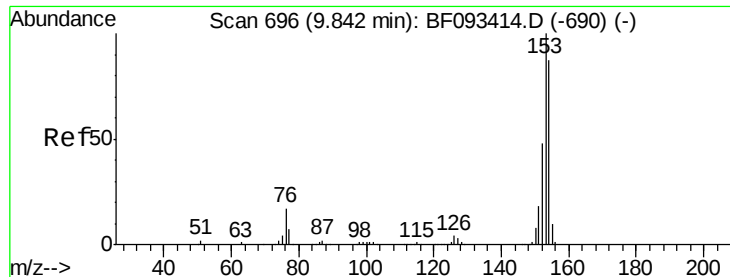
#50
2,6-Dinitrotoluene
Concen: 52.44 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.0	36.2	54.4
89	40.0	40.2	60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51
Acenaphthene
Concen: 41.72 ng
RT: 9.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

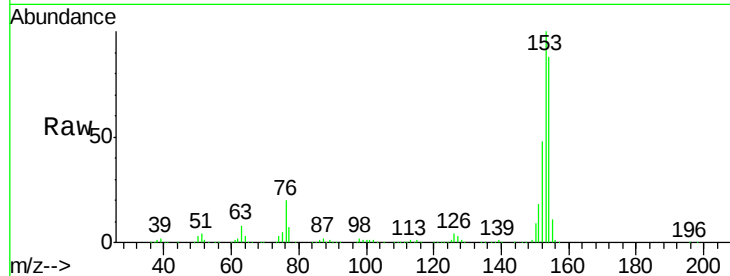
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:154 Resp: 1231070
Ion Ratio Lower Upper
154 100
153 113.3 88.6 133.0
152 54.7 41.6 62.4

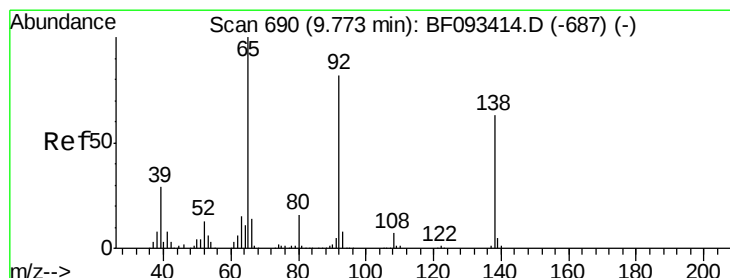
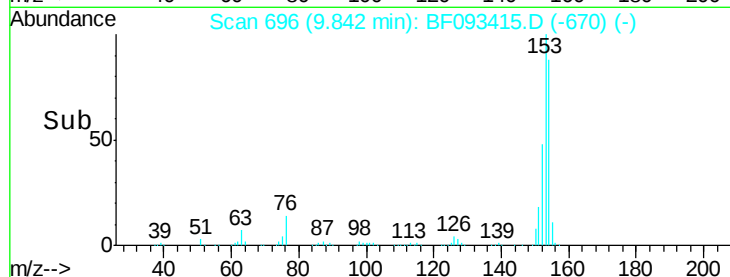
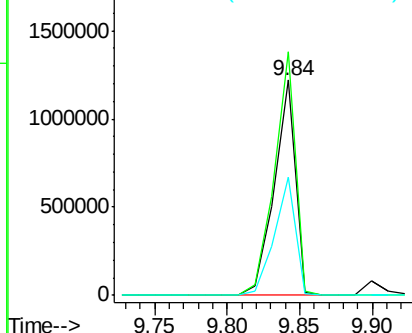
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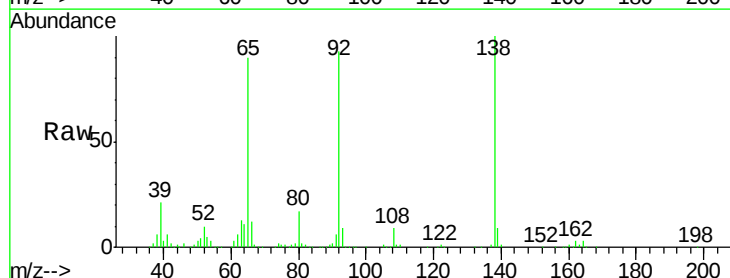


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

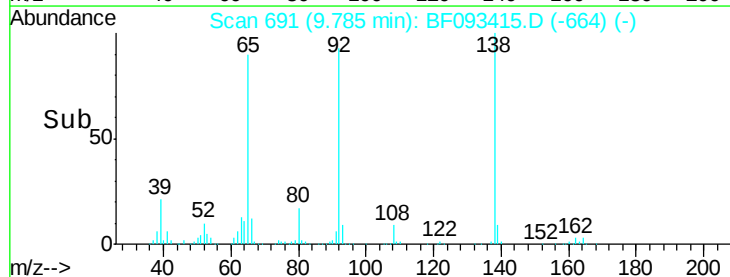
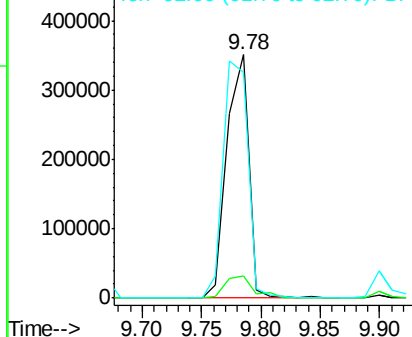


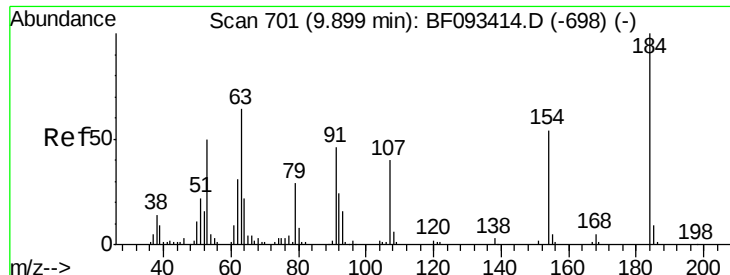
#52
3-Nitroaniline
Concen: 53.60 ng
RT: 9.78 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

Tgt Ion:138 Resp: 449996
Ion Ratio Lower Upper
138 100
108 9.3 8.5 12.7
92 92.8 97.8 146.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 50.87 ng
RT: 9.90 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

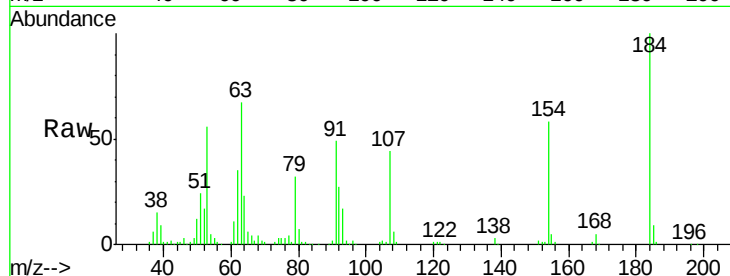
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
184	100	166627		
63	67.4	28.4	42.6	#
154	57.6	44.3	66.5	

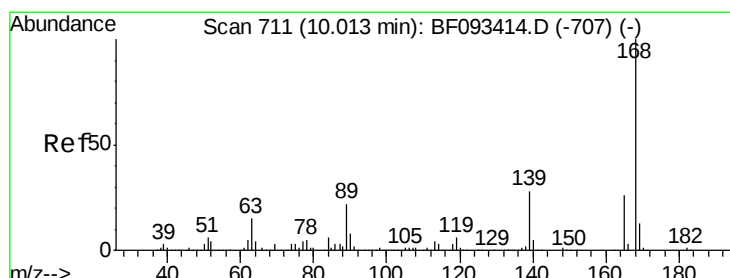
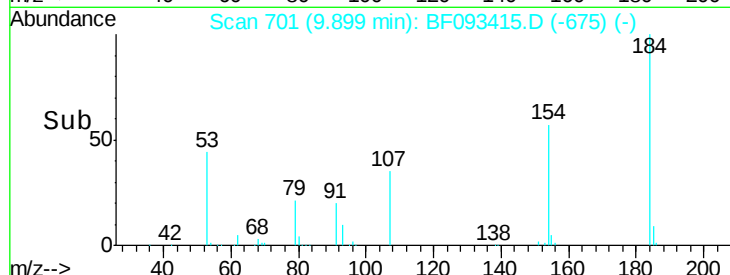
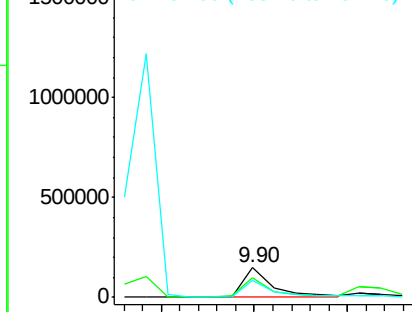
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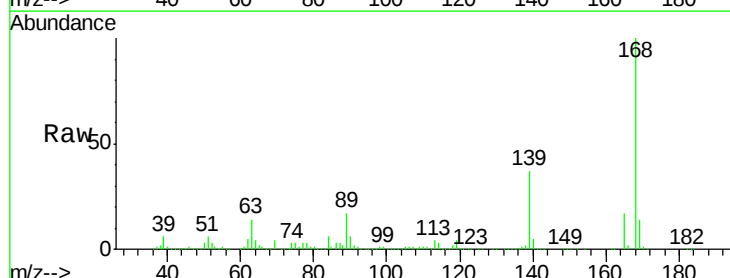


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

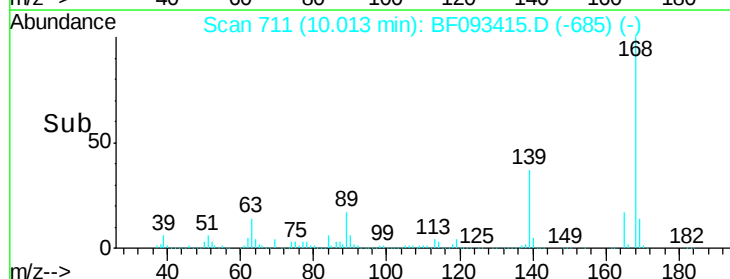
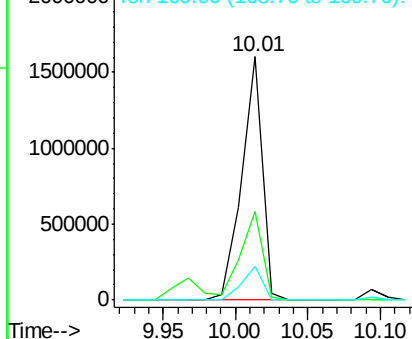


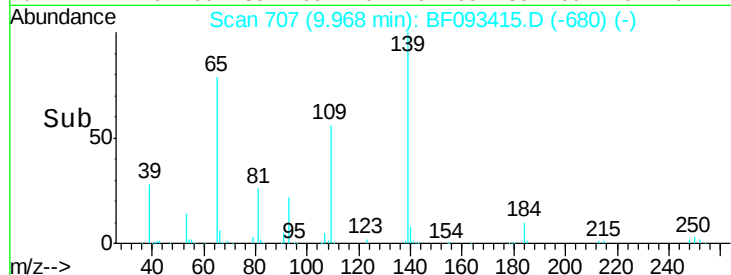
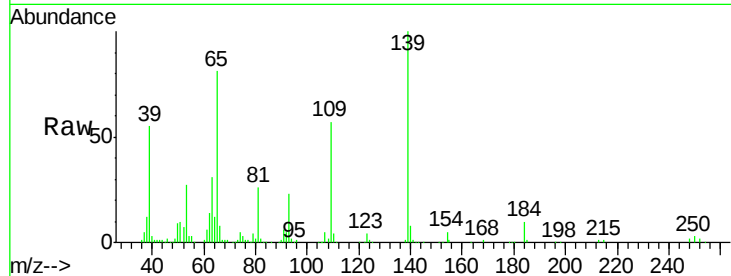
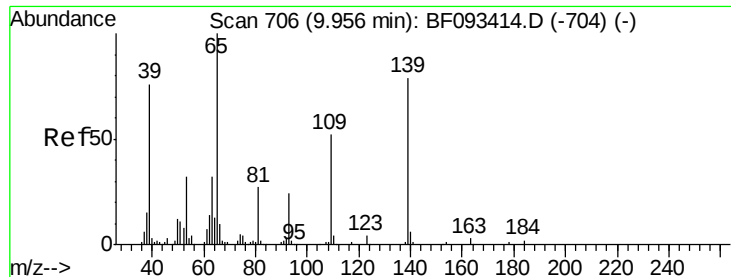
#54
Dibenzofuran
Concen: 39.91 ng
RT: 10.01 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1574937		
139	36.5	32.6	49.0	
169	13.6	11.3	16.9	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 35.35 ng

RT: 9.97 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Tot Ion:	139	Resp:	213770
Ion Ratio	Lower	Upper	
139	100		
109	57.4	52.2	92.2
65	81.5	85.8	125.8#

Instrument :

BNA_F

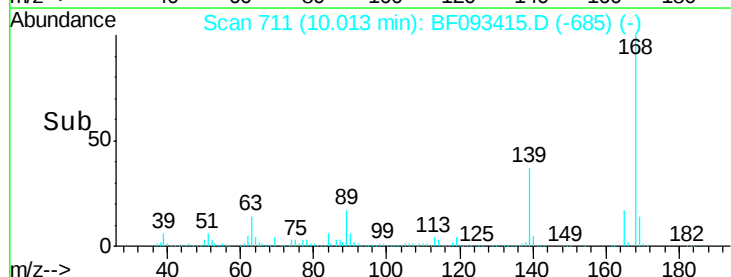
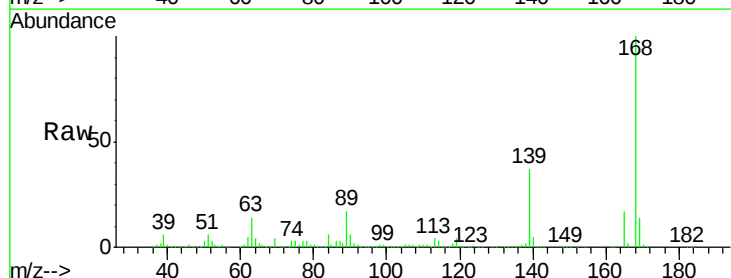
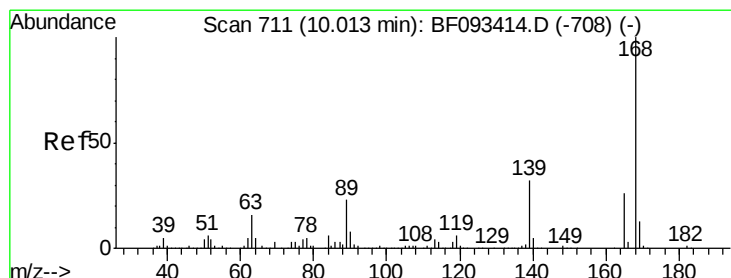
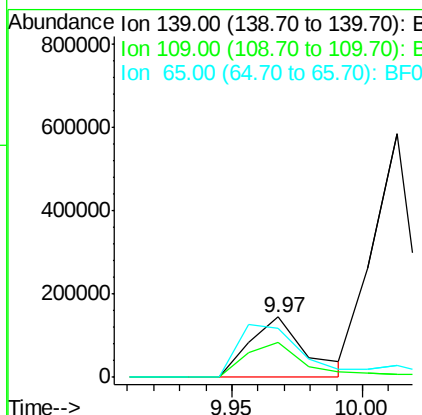
ClientSampleId :

SSTDIC050

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#56

2,4-Dinitrotoluene

Concen: 38.28 ng

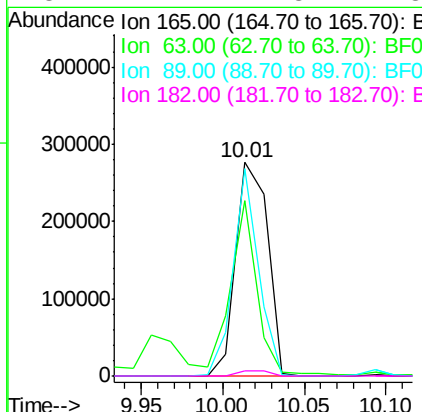
RT: 10.01 min Scan# 711

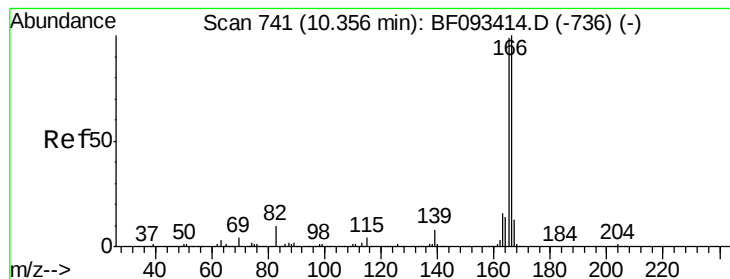
Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Tgt Ion:	165	Resp:	373847
Ion Ratio	Lower	Upper	
165	100		
63	82.2	40.2	60.4#
89	96.9	62.5	93.7#
182	2.2	1.8	2.8





#57

Fluorene

Concen: 43.01 ng

RT: 10.36 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:166 Resp: 1305844

Ion Ratio Lower Upper

166 100

165 99.7 77.8 116.8

167 13.6 10.8 16.2

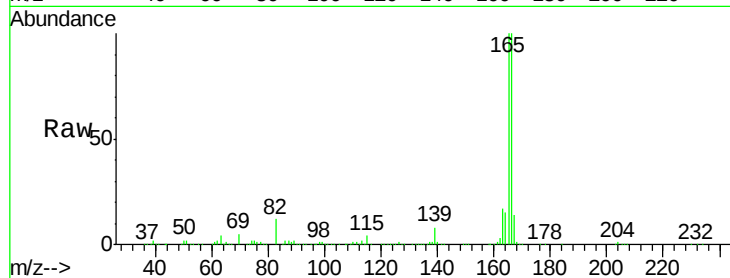
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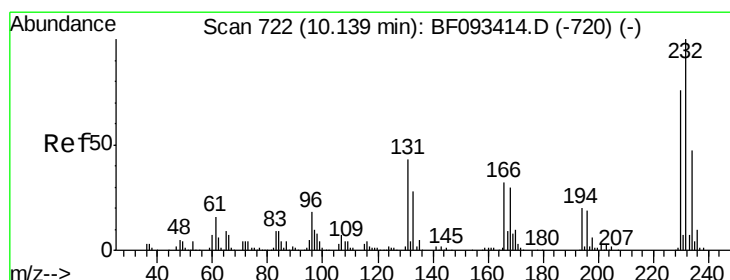
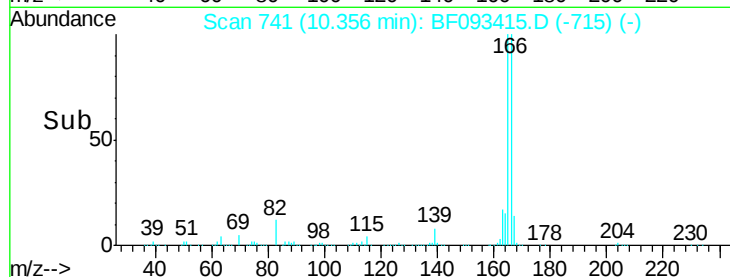
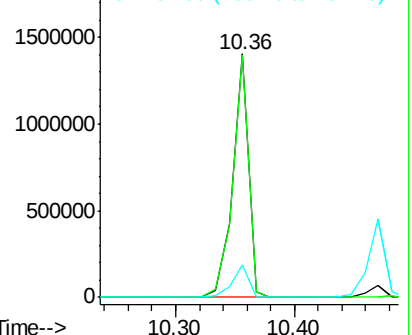
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.62 ng

RT: 10.14 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Tgt Ion:232 Resp: 303366

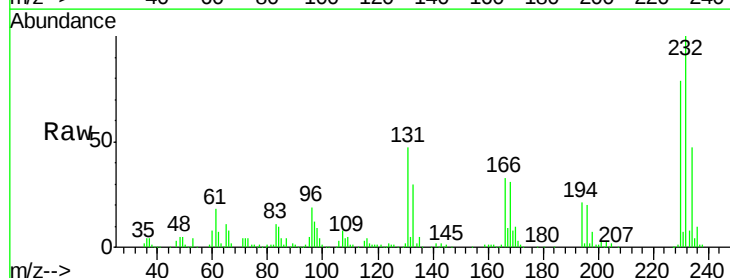
Ion Ratio Lower Upper

232 100

131 49.1 40.1 60.1

130 2.5 1.8 2.8

166 32.2 26.6 39.8

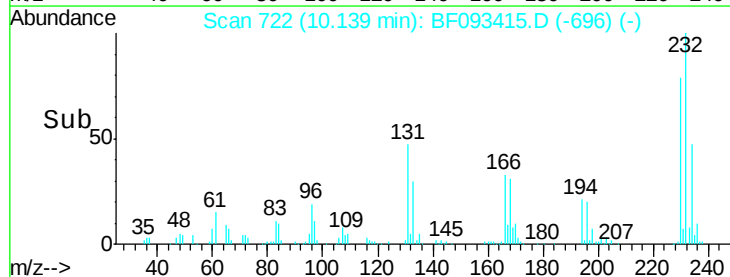
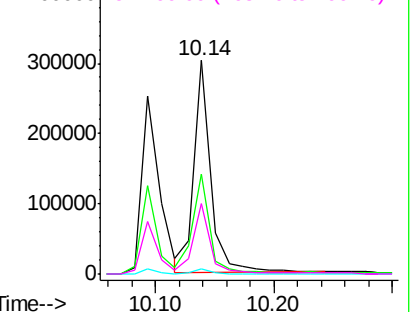


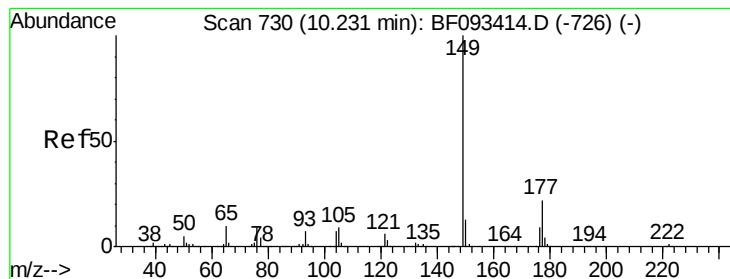
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.35 ng

RT: 10.23 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1259551

Ion Ratio Lower Upper

149 100

177 21.3 16.6 25.0

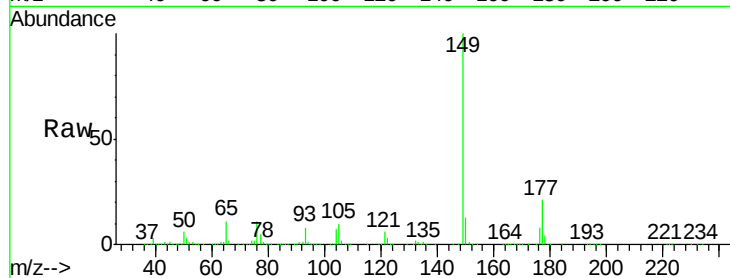
150 12.9 10.4 15.6

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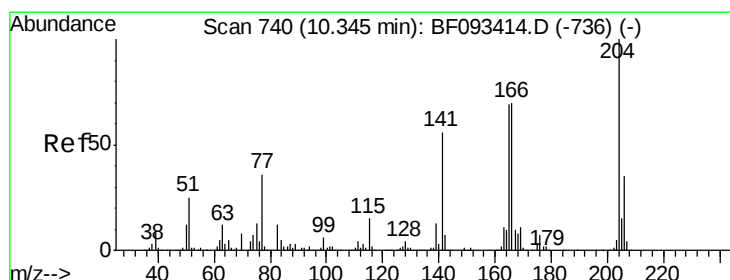
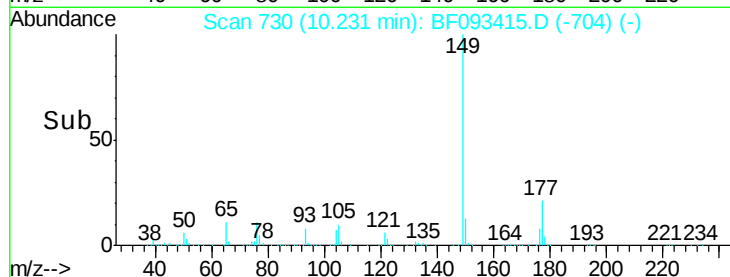
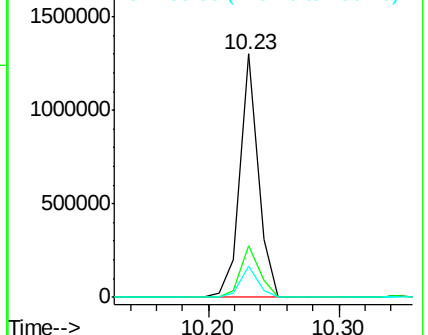
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.20 ng

RT: 10.34 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

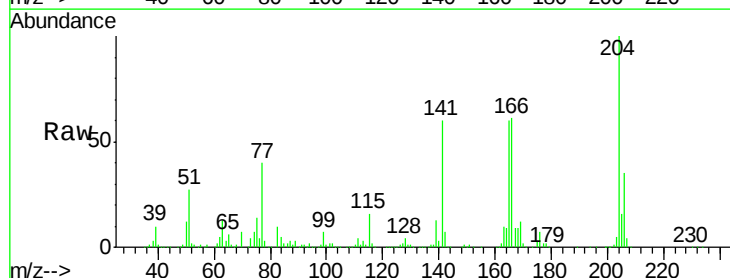
Tgt Ion:204 Resp: 586330

Ion Ratio Lower Upper

204 100

206 34.7 25.8 38.6

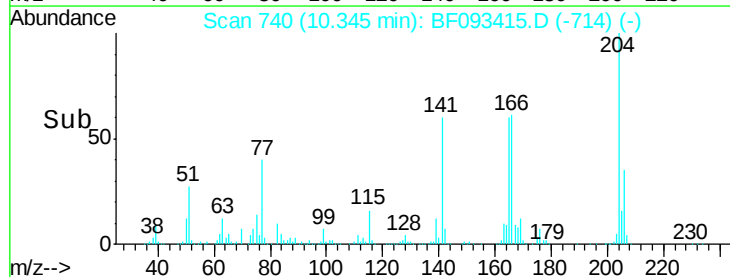
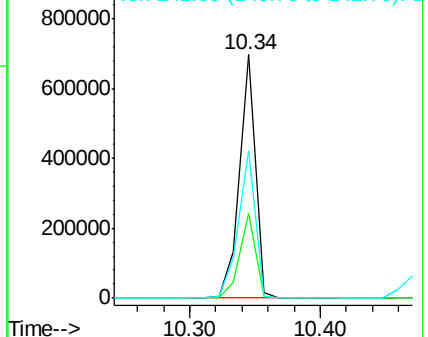
141 60.4 59.4 89.0

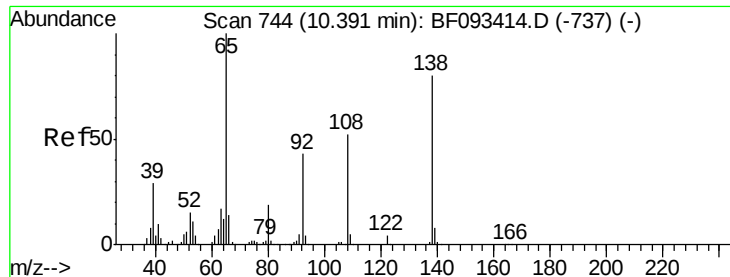


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 51.53 ng

RT: 10.40 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

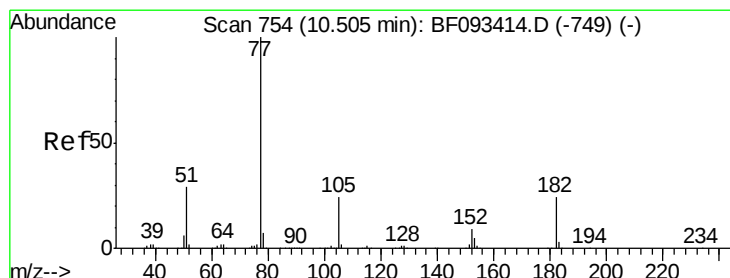
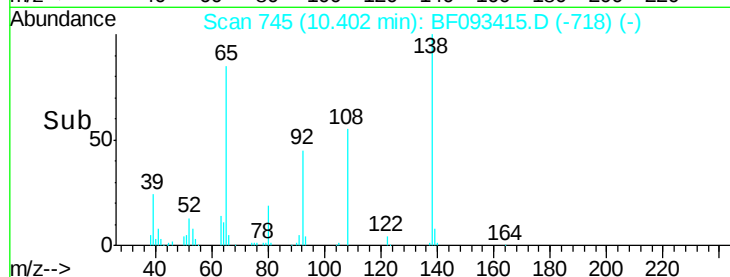
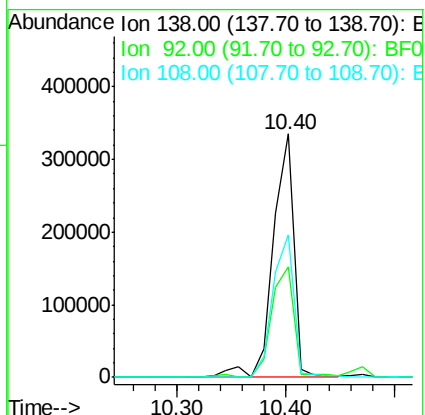
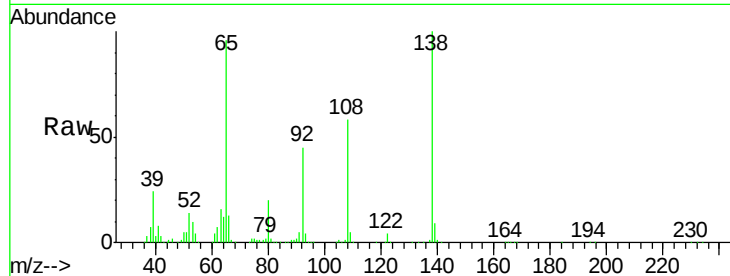
SSTDIC050

Tot Ion: 138 Resp: 443072
 Ion Ratio Lower Upper
 138 100
 92 45.3 31.7 71.7
 108 58.5 52.6 92.6

Manual Integrations
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#62

Azobenzene

Concen: 47.47 ng

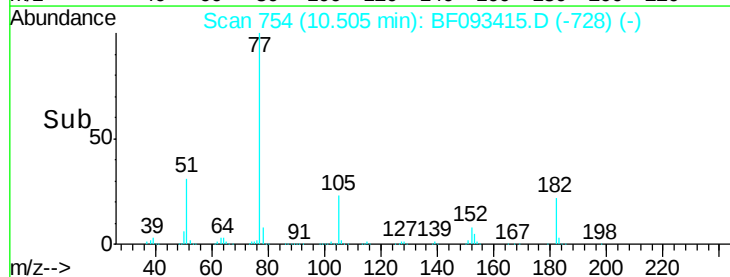
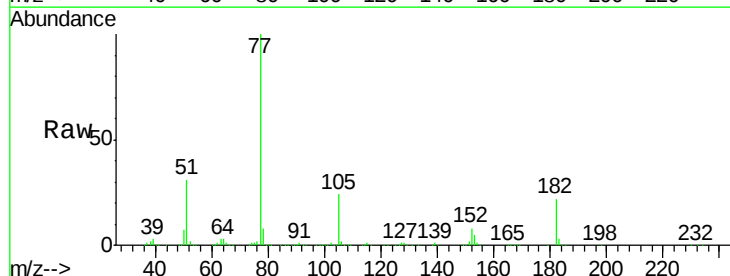
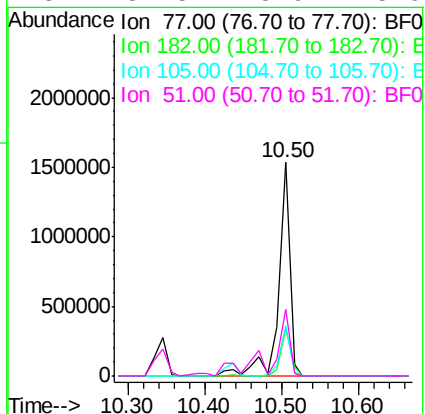
RT: 10.50 min Scan# 754

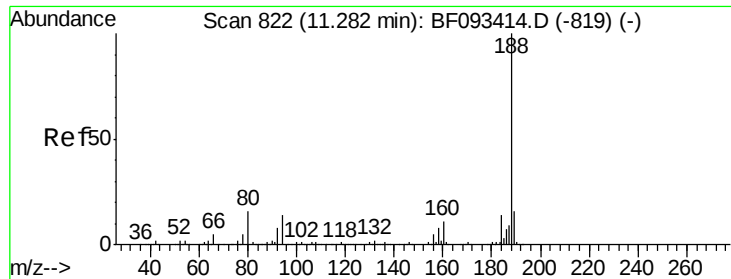
Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Tgt Ion: 77 Resp: 1570023
 Ion Ratio Lower Upper
 77 100
 182 22.1 0.0 39.3
 105 23.5 2.3 42.3
 51 31.5 8.9 48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

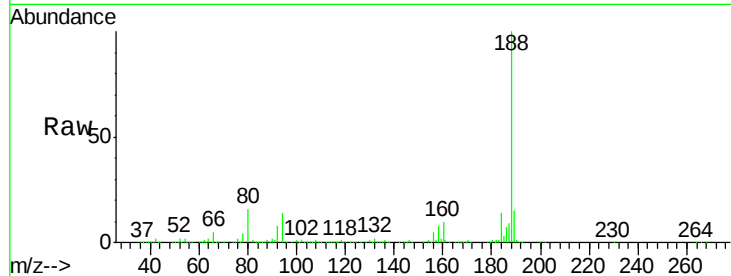
SSTDIC050

Tot Ion:	188	Resp:	745397
Ion Ratio	Lower	Upper	
188	100		
94	13.9	10.0	15.0
80	15.8	11.2	16.8

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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

600000

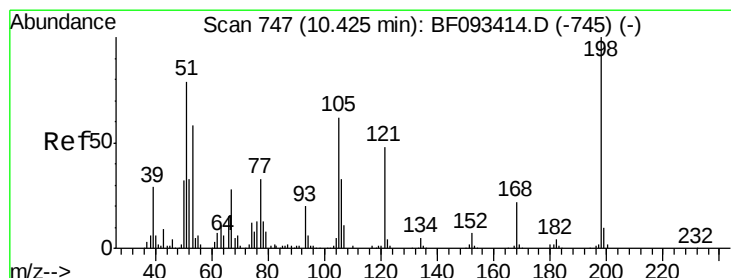
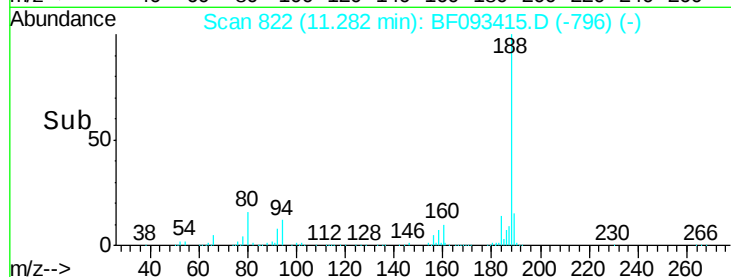
400000

200000

0

11.25 11.30 11.35

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 66.58 ng

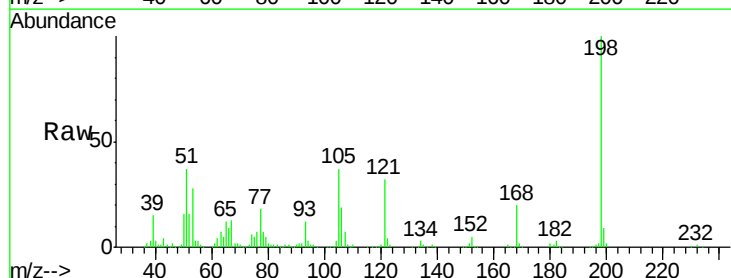
RT: 10.44 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Tgt Ion:	198	Resp:	256768
Ion Ratio	Lower	Upper	
198	100		
51	37.0	6.7	46.7
105	37.2	16.6	56.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

600000

500000

400000

300000

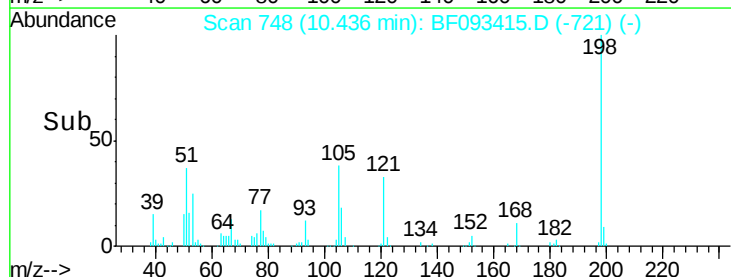
200000

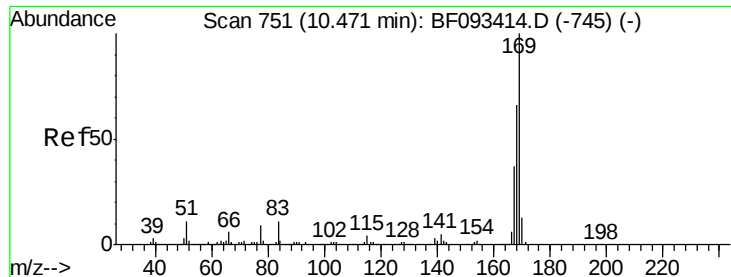
100000

0

10.40 10.50 10.60

Time-->





#65

n-Nitrosodiphenylamine

Concen: 48.76 ng

RT: 10.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:169 Resp: 1161079

Ion Ratio Lower Upper

169 100

168 68.5 54.2 81.2

167 37.9 30.2 45.4

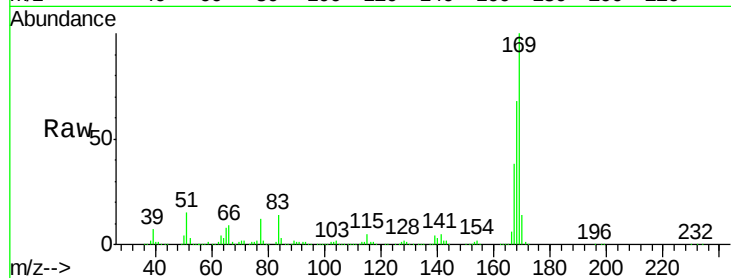
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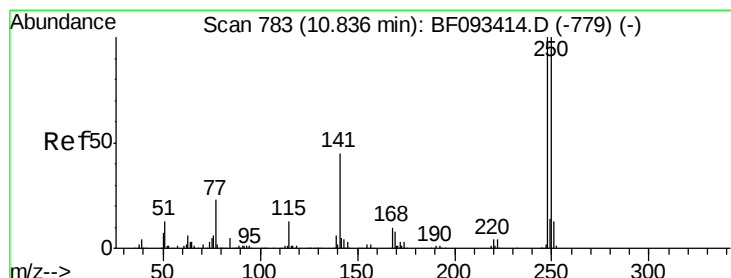
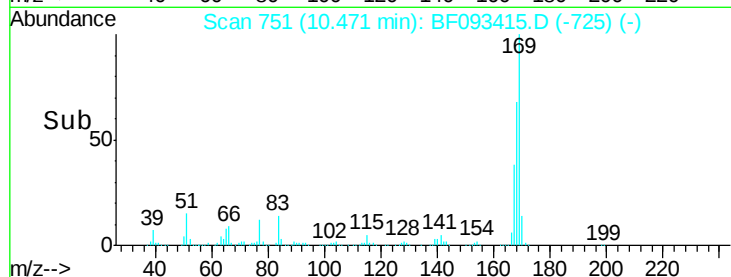
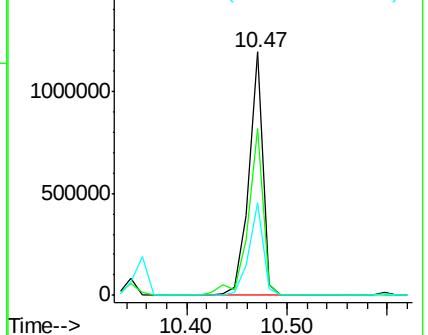
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.89 ng

RT: 10.84 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

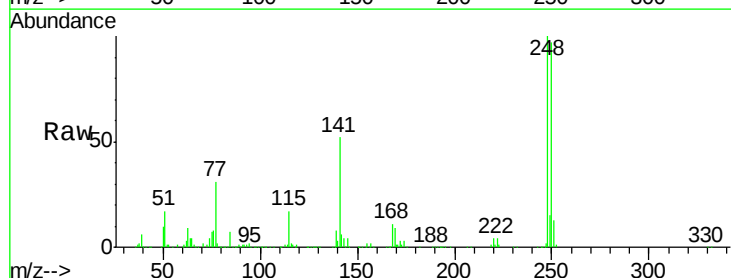
Tgt Ion:248 Resp: 388547

Ion Ratio Lower Upper

248 100

250 97.1 76.9 115.3

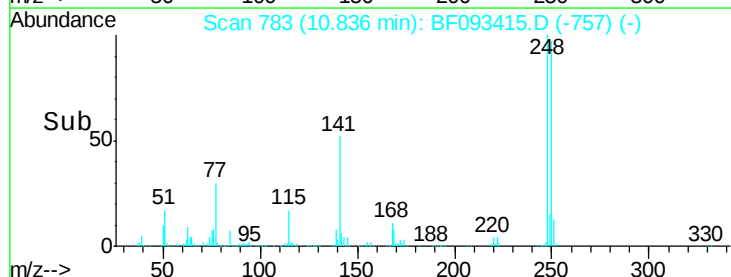
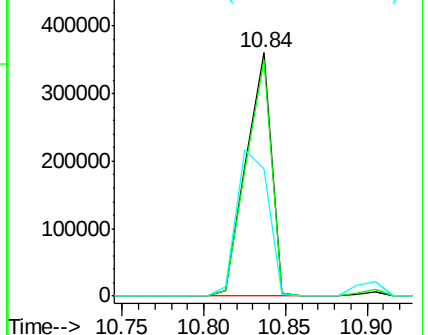
141 52.1 68.2 102.4#

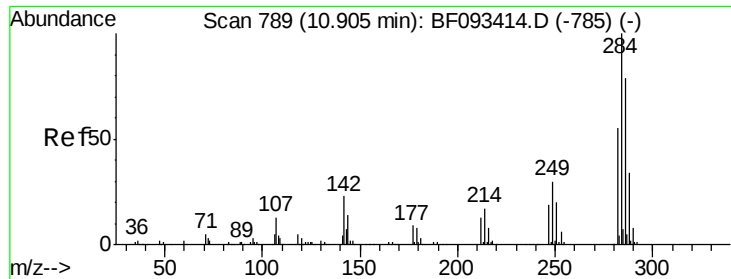


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67
Hexachlorobenzene
Concen: 48.14 ng
RT: 10.90 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

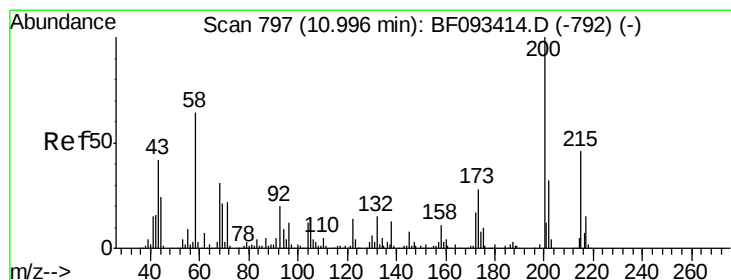
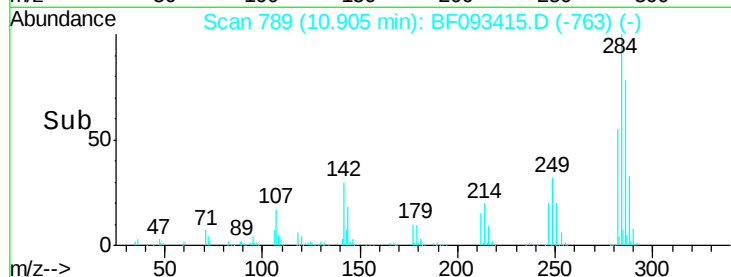
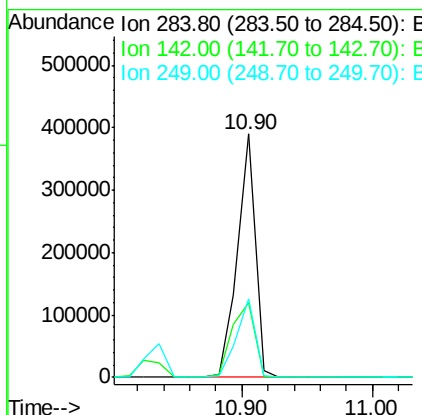
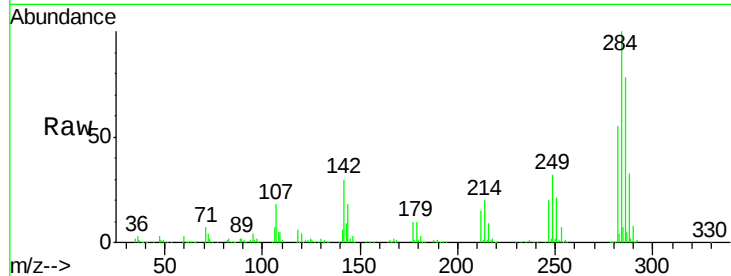
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
284	100	370448		
142	30.5	22.6	33.8	
249	32.4	25.4	38.0	

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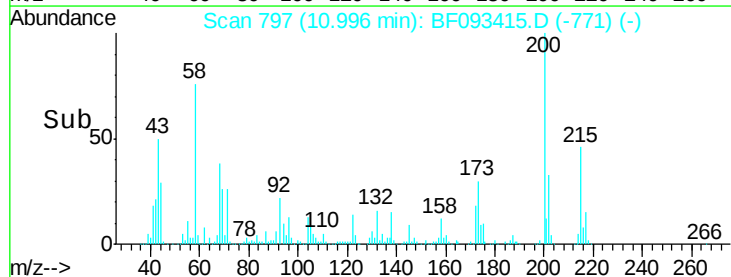
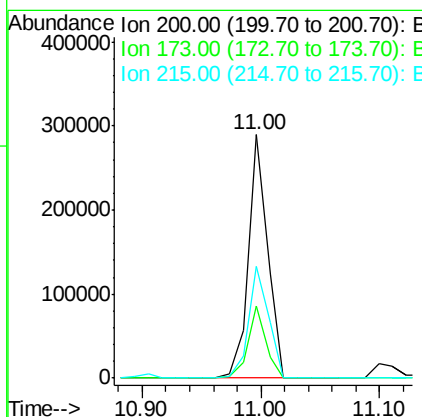
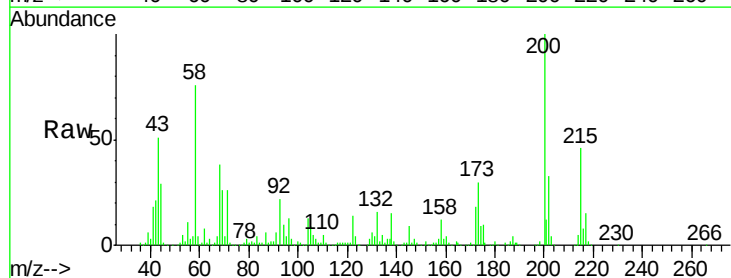
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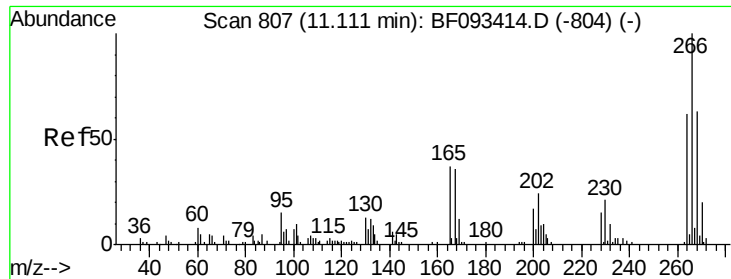
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#68
Atrazine
Concen: 42.86 ng
RT: 11.00 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	327499		
173	29.8	9.6	49.6	
215	45.8	25.7	65.7	





#69
 Pentachlorophenol
 Concen: 43.24 ng
 RT: 11.11 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF093415.D
 Acq: 7 Mar 2017 12:52

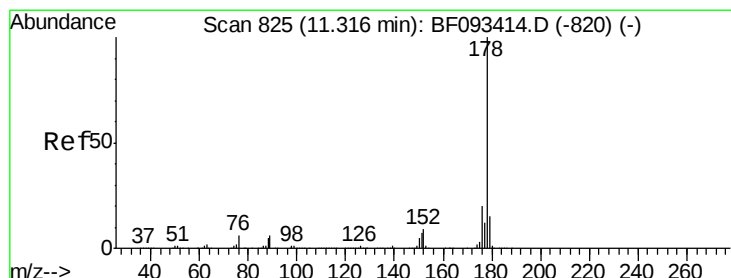
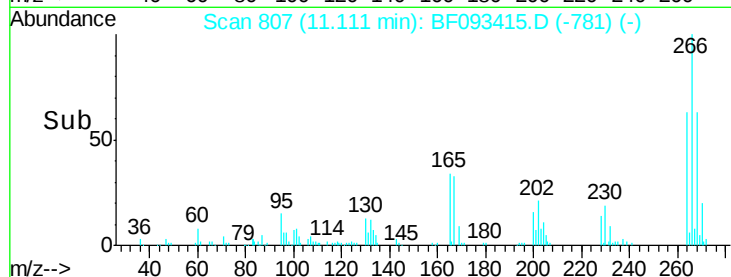
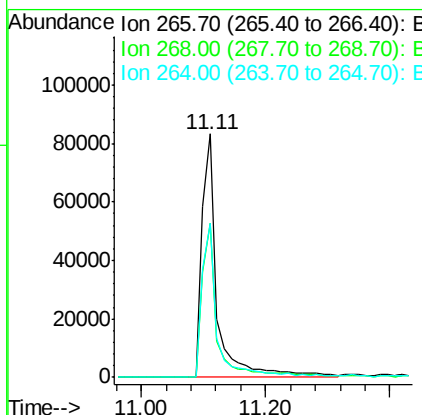
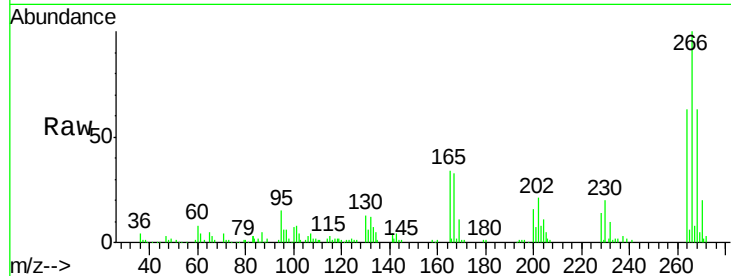
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	53.3	79.9
264	63.2	50.3	75.5

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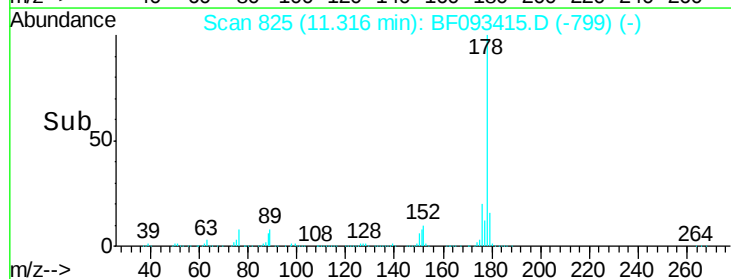
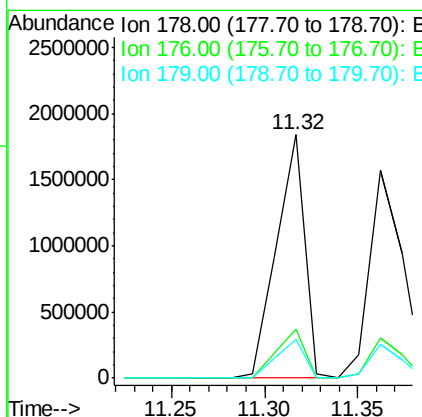
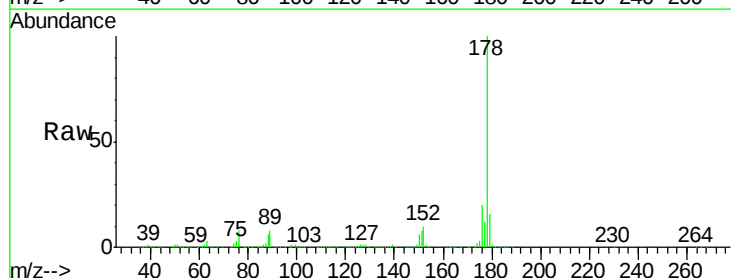
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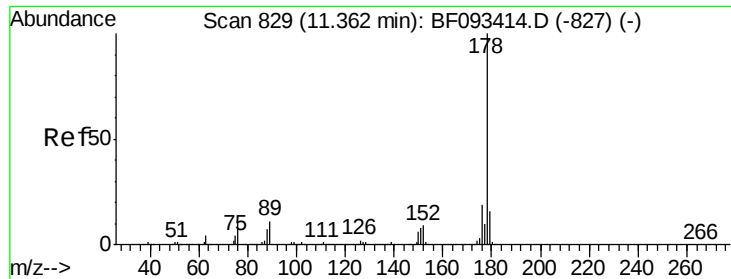
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#70
 Phenanthrene
 Concen: 45.43 ng
 RT: 11.32 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF093415.D
 Acq: 7 Mar 2017 12:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	25.0
179	15.9	12.8	19.2





#71
 Anthracene
 Concen: 43.75 ng
 RT: 11.36 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF093415.D
 Acq: 7 Mar 2017 12:52

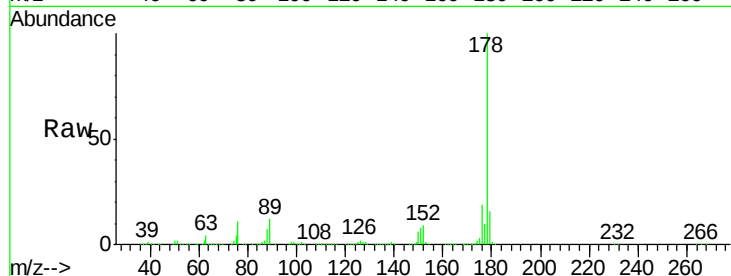
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:178 Resp: 1876298
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 16.0 13.2 19.8

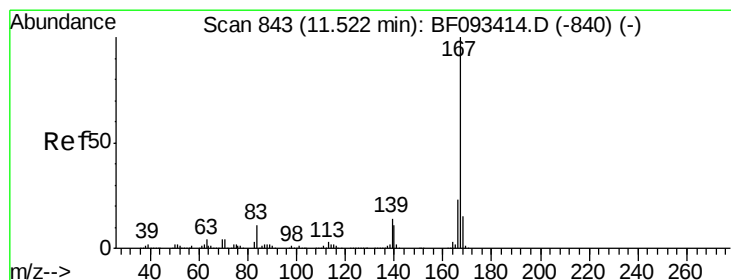
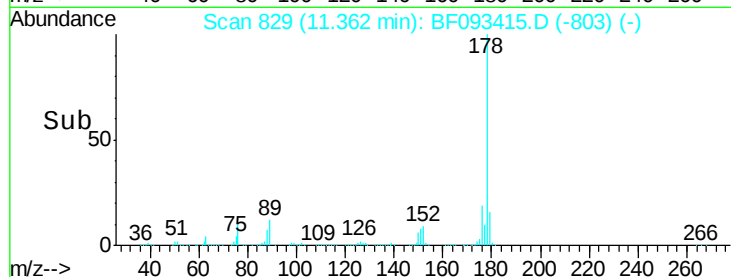
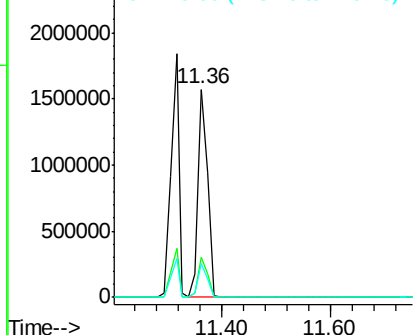
Manual Integrations
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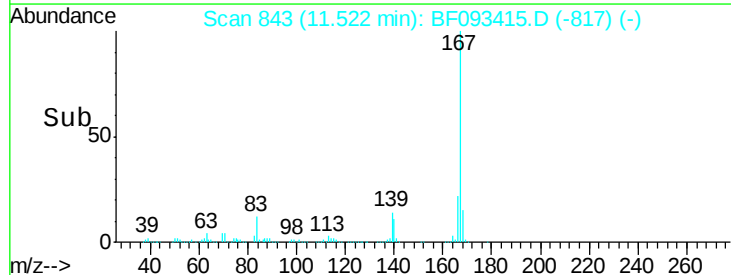
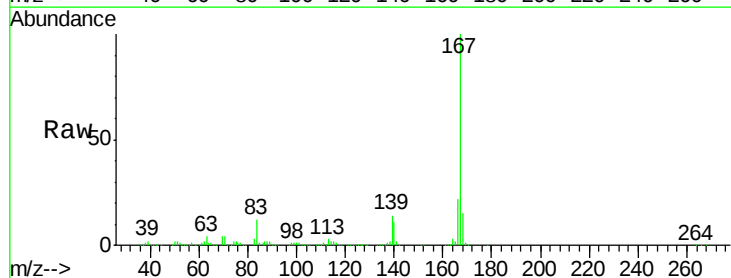
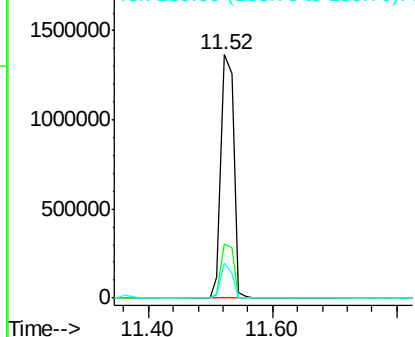
Abundance Ion 178.00 (177.70 to 178.70): E
 2500000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

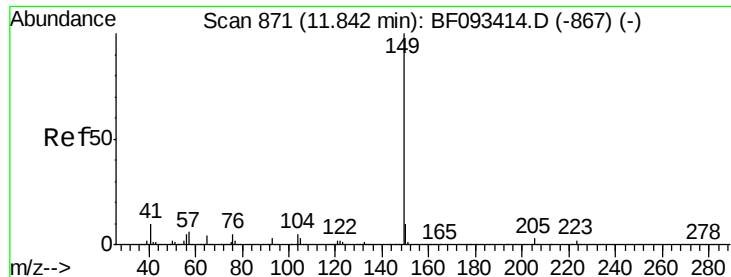


#72
 Carbazole
 Concen: 46.91 ng
 RT: 11.52 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF093415.D
 Acq: 7 Mar 2017 12:52

Tgt Ion:167 Resp: 1922941
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 14.3 11.4 17.2

Abundance Ion 167.00 (166.70 to 167.70): E
 1500000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.51 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 2239423

Ion Ratio Lower Upper

149 100

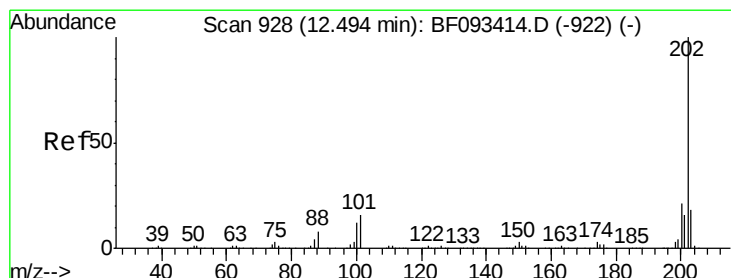
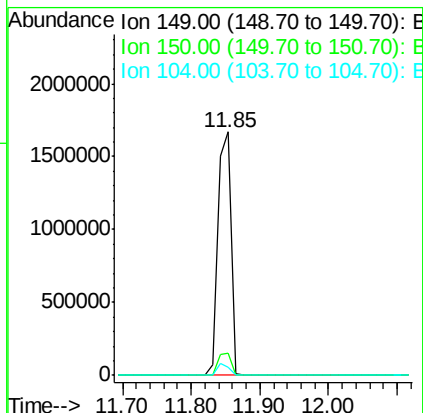
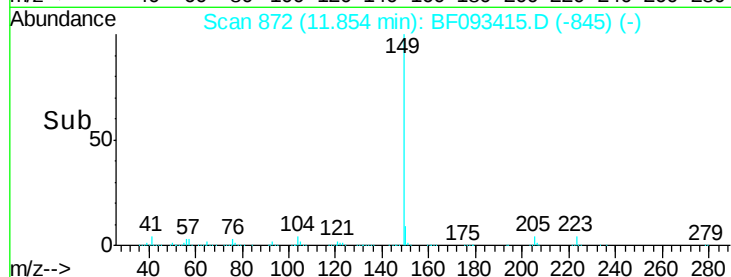
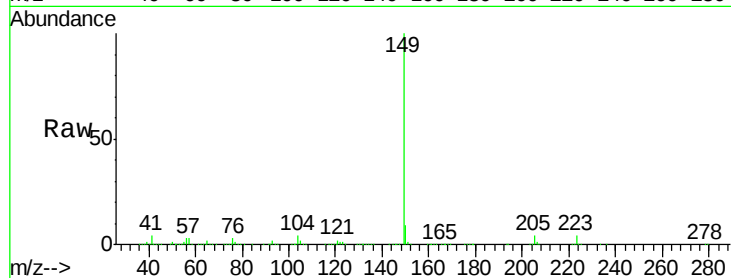
150 9.0 8.1 12.1

104 3.5 4.6 7.0#

Manual Integrations
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#74

Fluoranthene

Concen: 46.21 ng

RT: 12.51 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

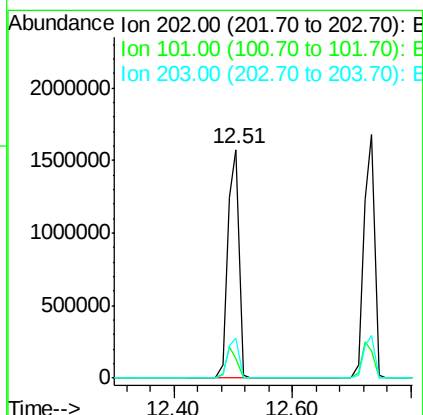
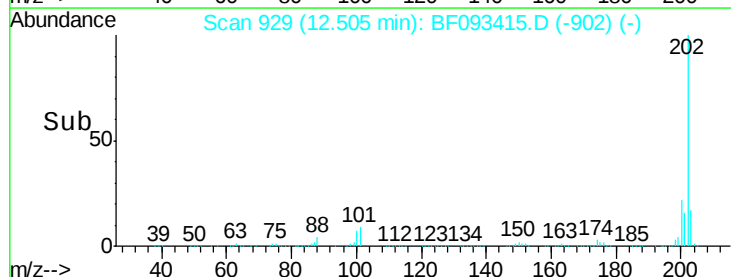
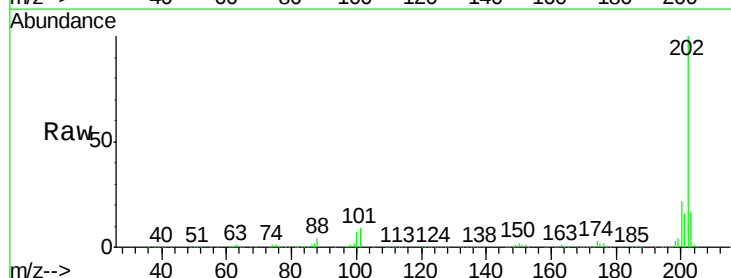
Tgt Ion:202 Resp: 2035515

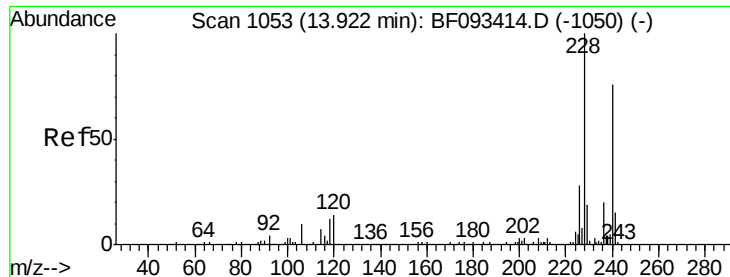
Ion Ratio Lower Upper

202 100

101 8.8 0.0 34.6

203 17.5 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:240 Resp: 571798

Ion Ratio Lower Upper

240 100

120 8.7 12.9 19.3#

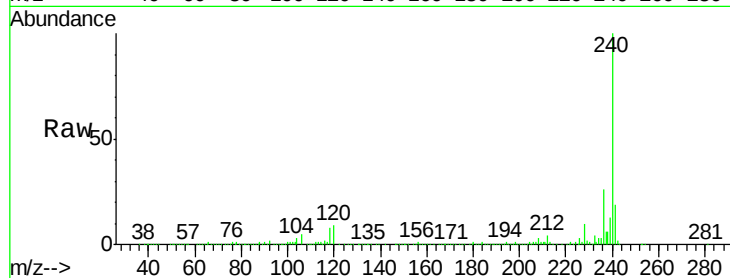
236 26.0 20.9 31.3

Manual Integrations
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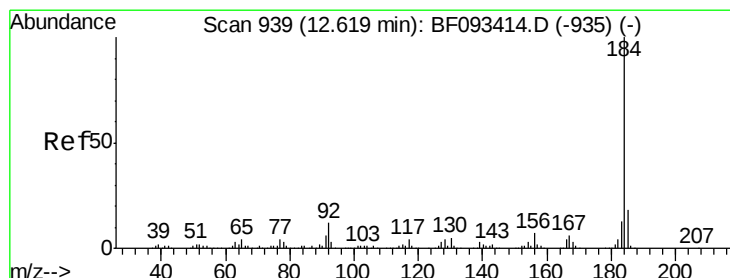
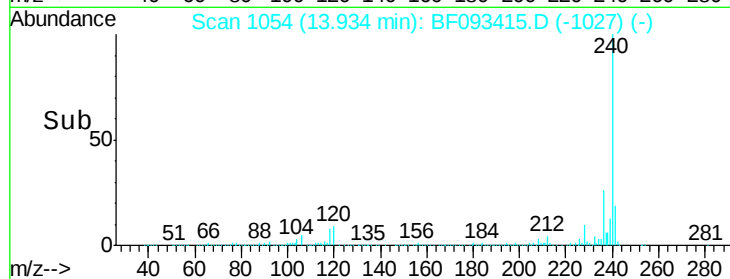
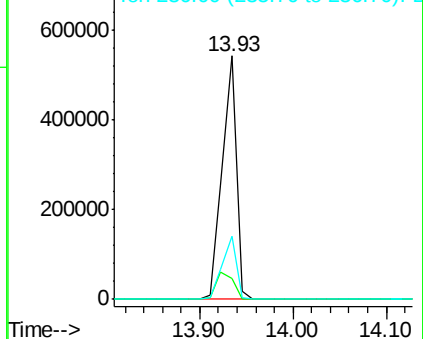
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.26 ng

RT: 12.62 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

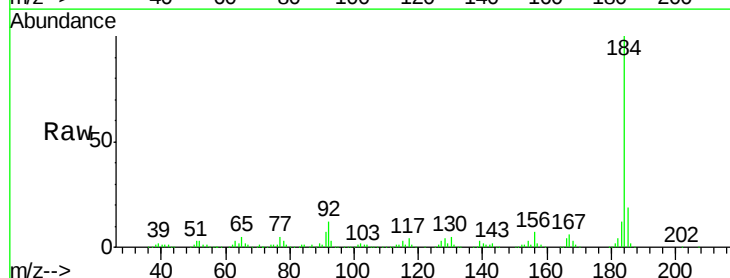
Tgt Ion:184 Resp: 834735

Ion Ratio Lower Upper

184 100

185 18.7 13.4 20.0

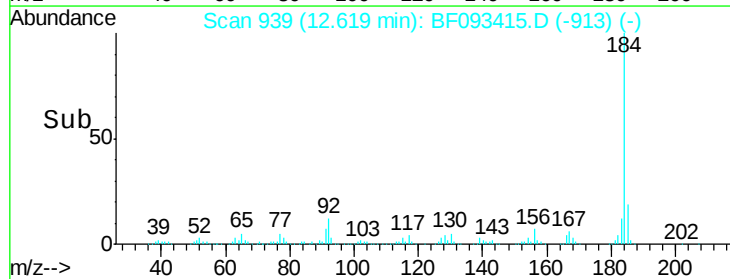
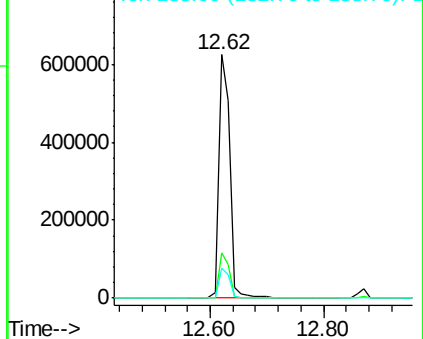
183 12.1 9.2 13.8

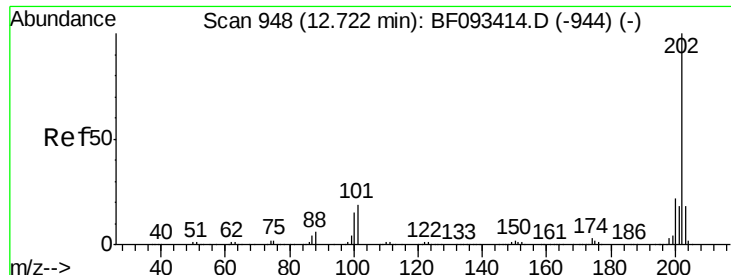


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77
Pvrene
Concen: 48.64 ng
RT: 12.73 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

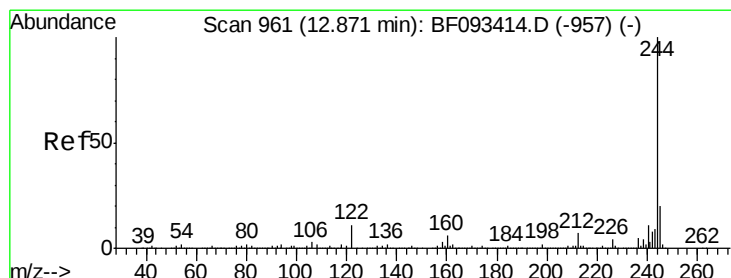
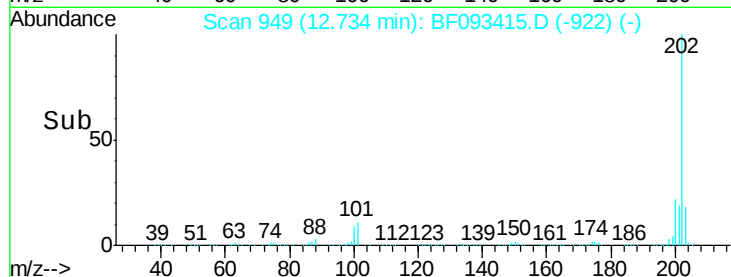
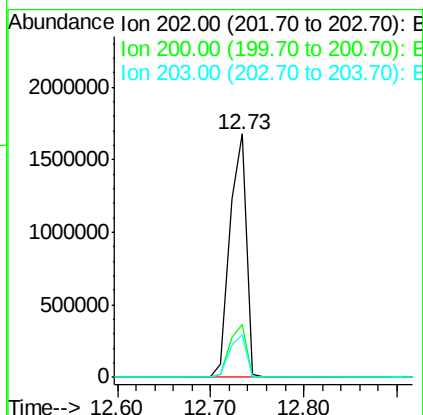
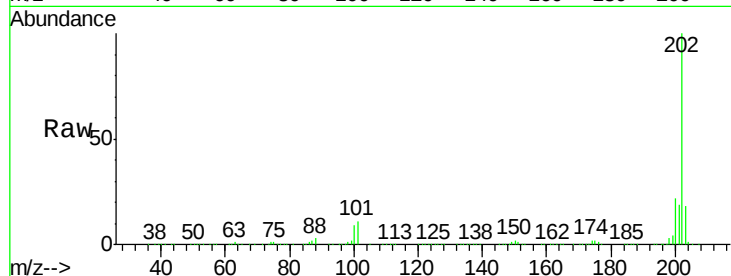
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
202	202	100		
200	200	21.9	17.7	26.5
203	203	17.6	14.7	22.1

Manual Integrations
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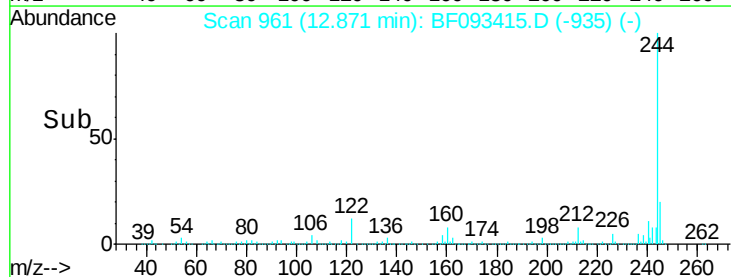
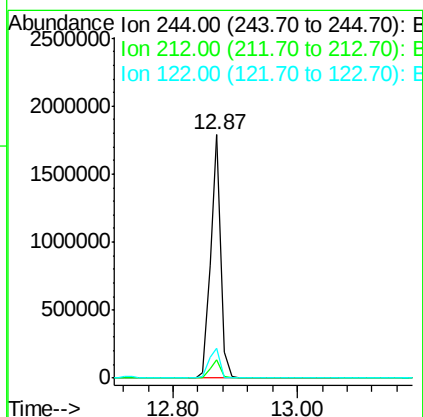
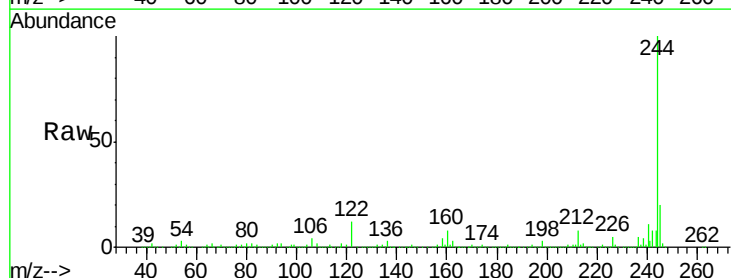
mohammad
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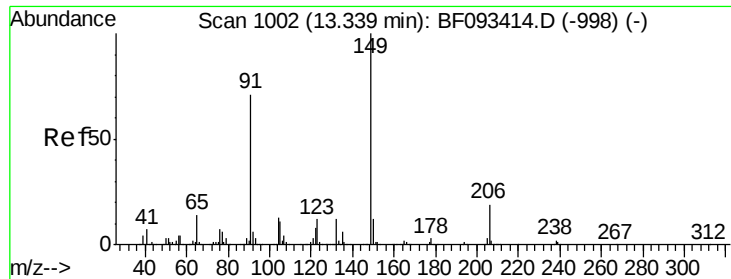
3/8/2017 1:45:28 PM



#78
Terphenyl-d14
Concen: 81.16 ng
RT: 12.87 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

Tgt Ion	Ion	Ratio	Lower	Upper
244	244	100		
212	212	7.7	6.2	9.2
122	122	12.4	11.4	17.2





#79
Butylbenzylphthalate
Concen: 48.98 ng
RT: 13.34 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

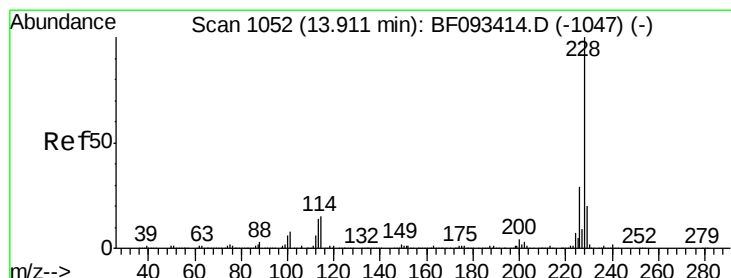
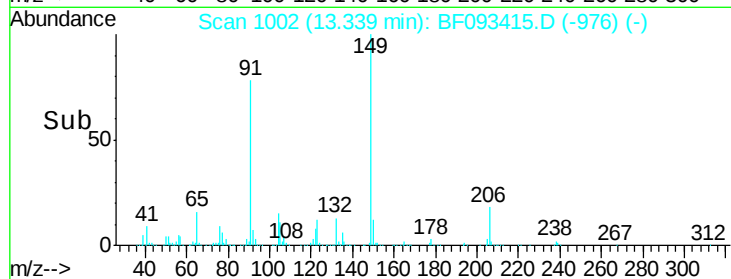
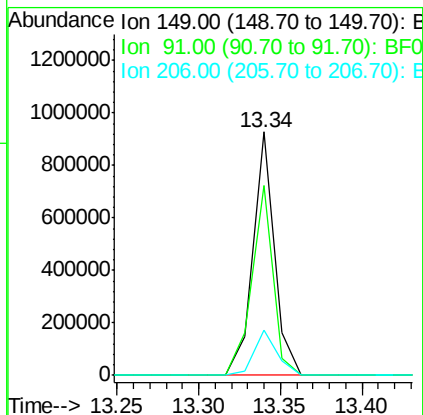
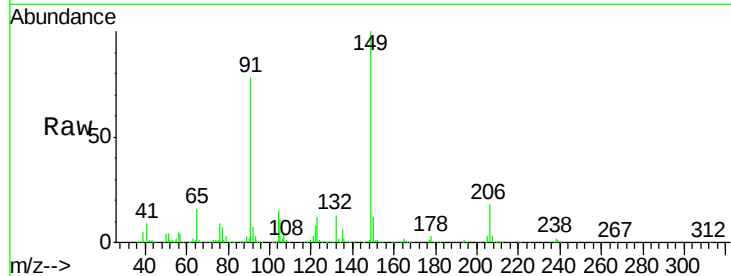
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.9	63.9	95.9
206	18.4	14.6	21.8

Manual Integrations
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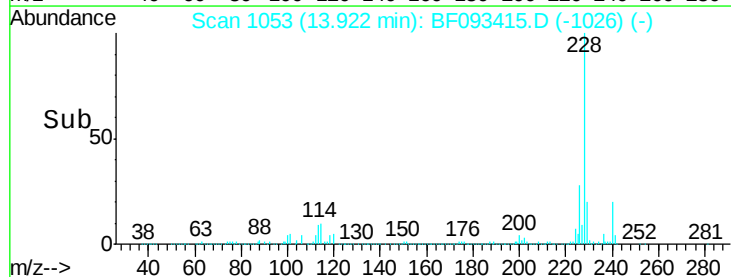
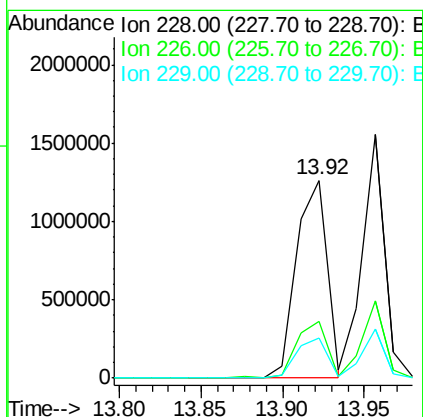
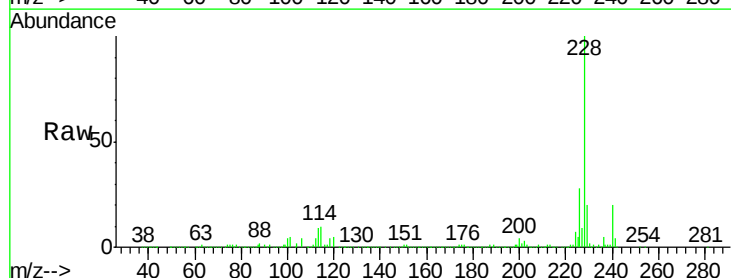
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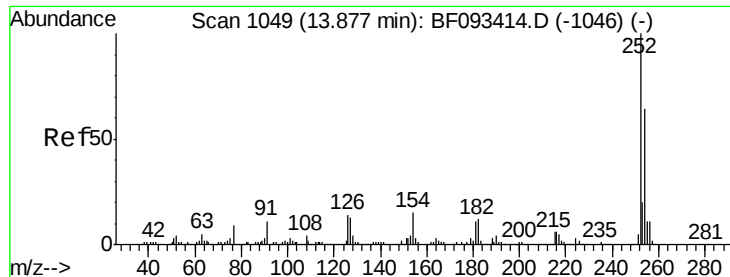
3/8/2017 1:45:28 PM



#80
Benzo(a)anthracene
Concen: 47.45 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	20.0	16.2	24.4





#81
 3,3'-Dichlorobenzidine
 Concen: 45.03 ng
 RT: 13.88 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF093415.D
 Acq: 7 Mar 2017 12:52

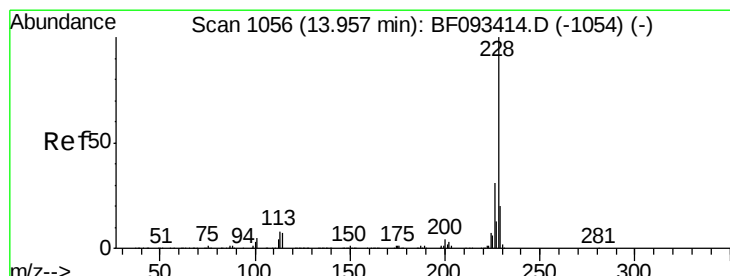
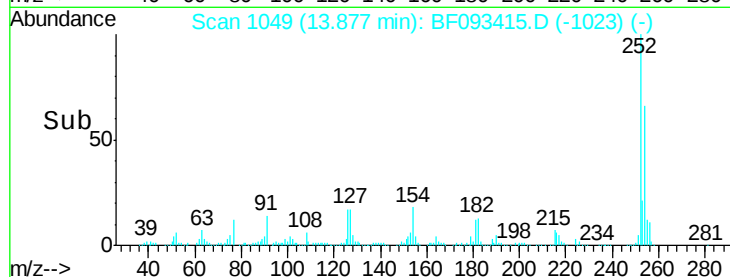
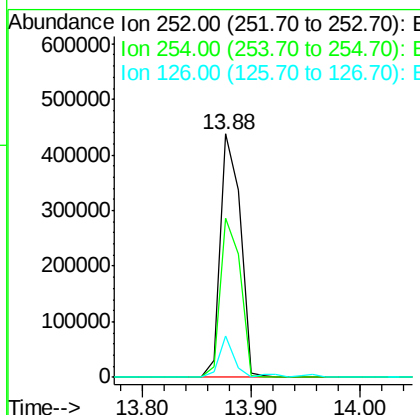
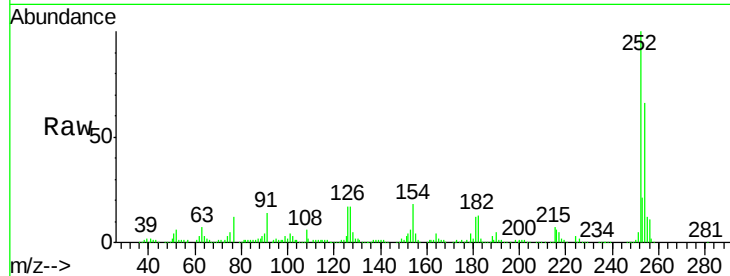
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.3	78.5
126	17.1	13.6	20.4

Manual Integrations
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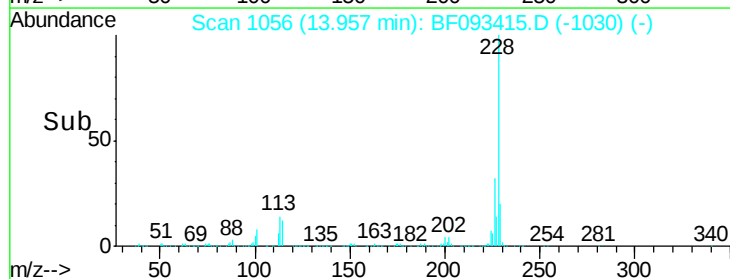
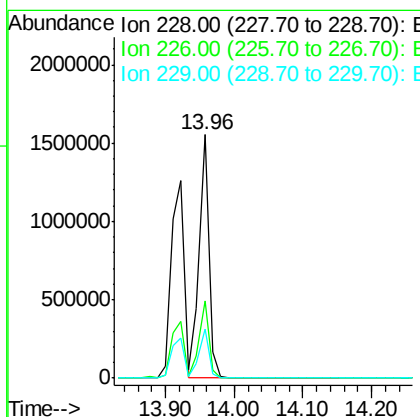
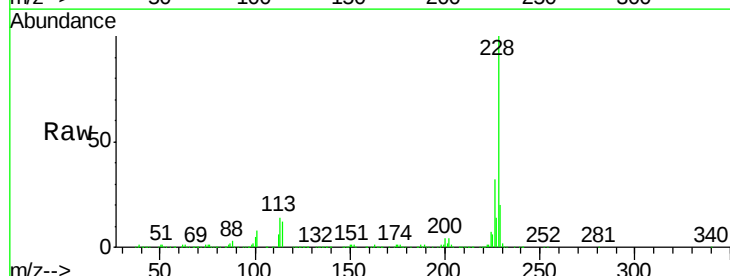
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 3/8/2017 1:45:28 PM

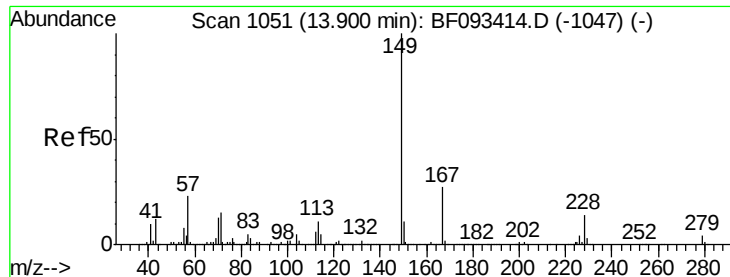
3/8/2017 1:45:28 PM



#82
 Chrysene
 Concen: 46.18 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF093415.D
 Acq: 7 Mar 2017 12:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.4	38.0
229	20.4	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.76 ng

RT: 13.90 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1253724

Ion Ratio Lower Upper

149 100

167 27.1 20.2 30.4

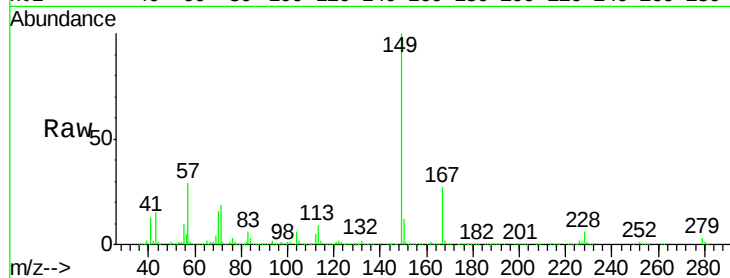
279 3.2 1.8 2.8#

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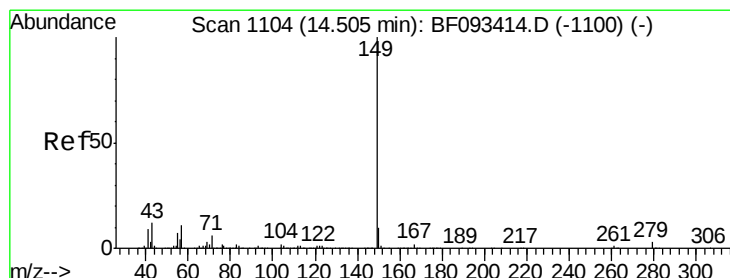
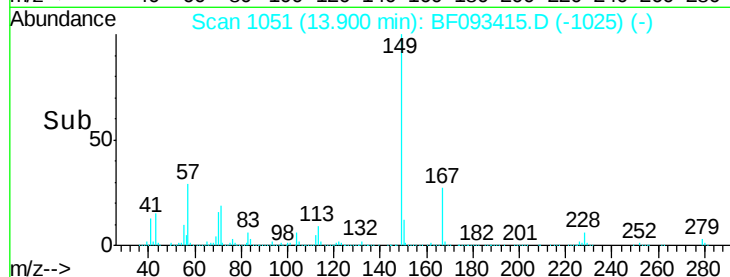
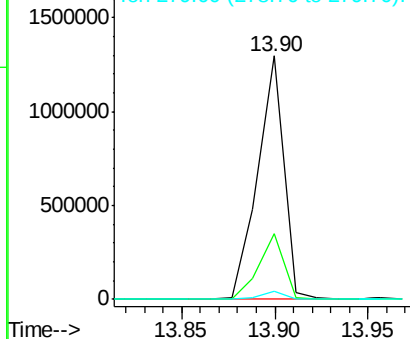
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.09 ng

RT: 14.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

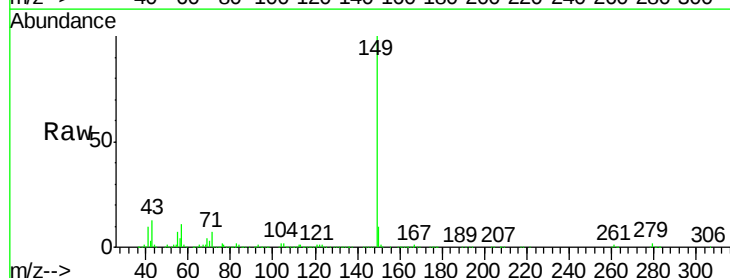
Tgt Ion:149 Resp: 1977089

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

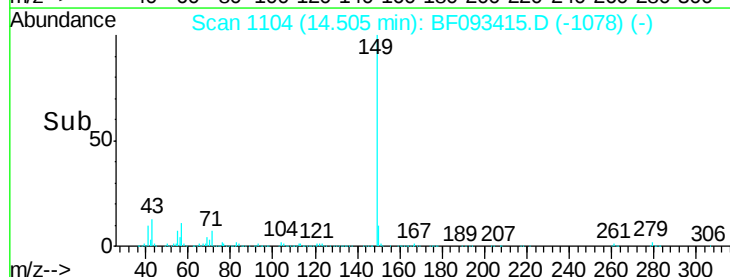
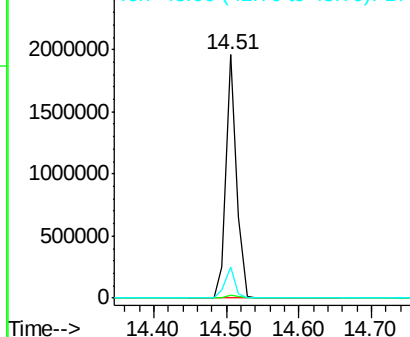
43 12.2 8.9 13.3

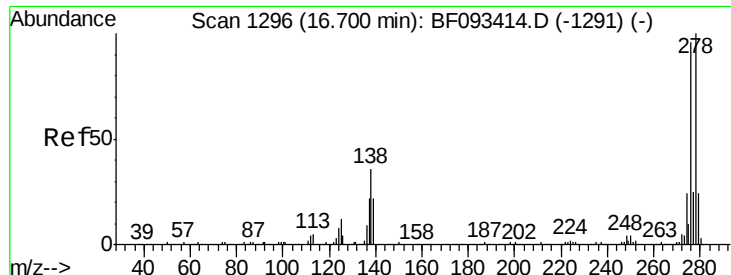


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85
Indeno(1,2,3-cd)pyrene
Concen: 48.30 ng
RT: 16.71 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

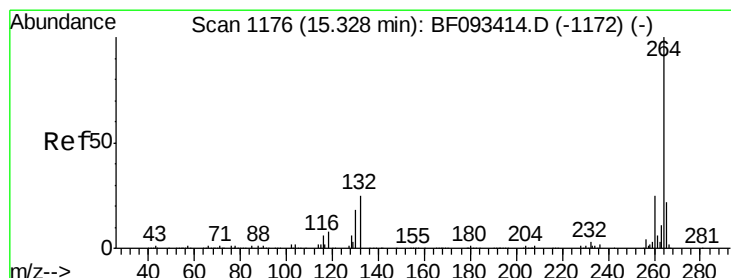
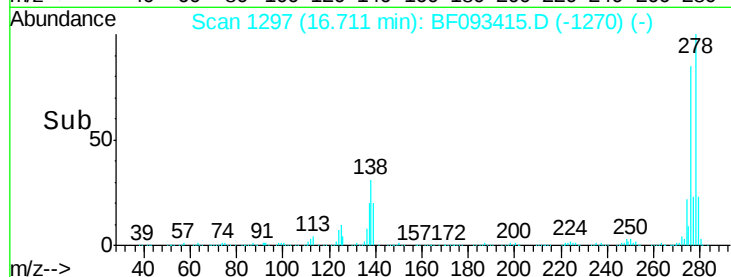
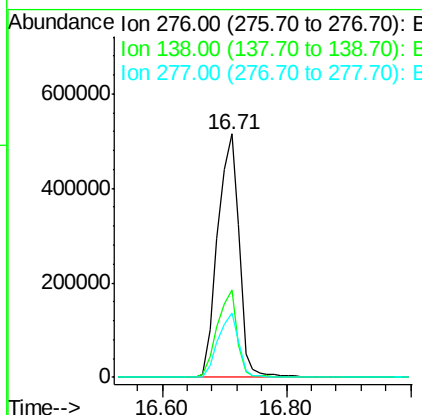
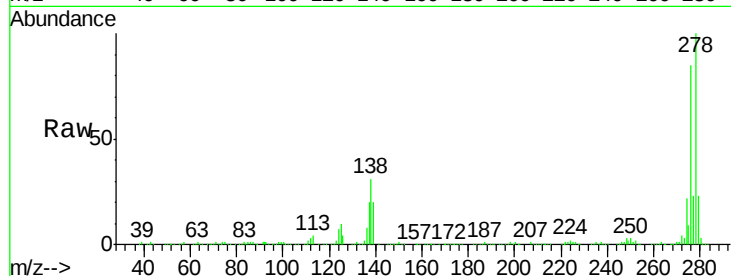
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.6	21.8	32.6
277	25.6	20.2	30.4

Manual Integrations
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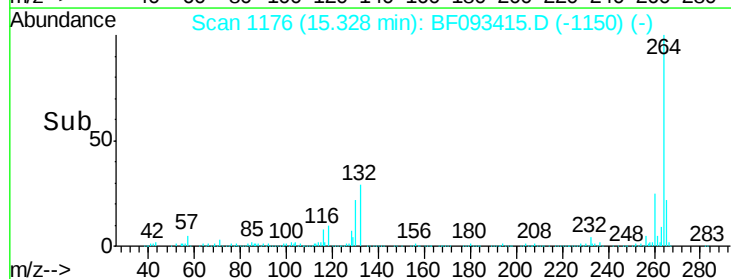
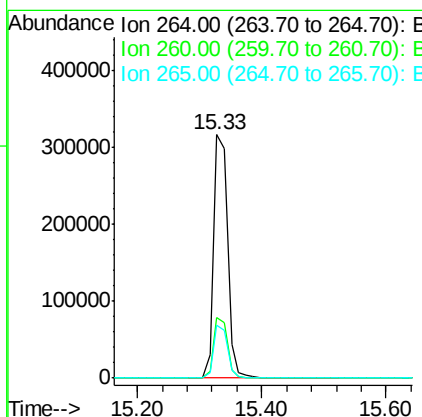
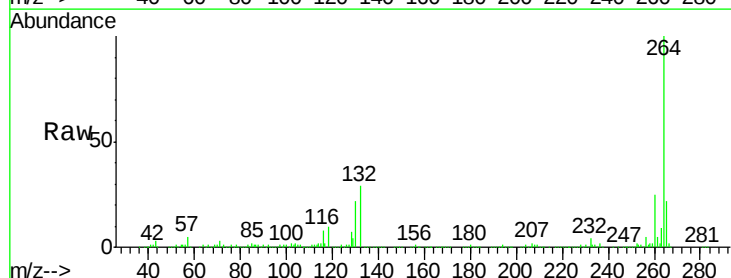
mohammad
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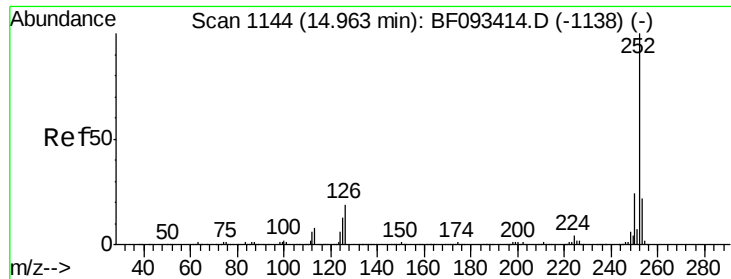
3/8/2017 1:45:28 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF093415.D
Acq: 7 Mar 2017 12:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 44.26 ng m

RT: 14.94 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:252 Resp: 1414055

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

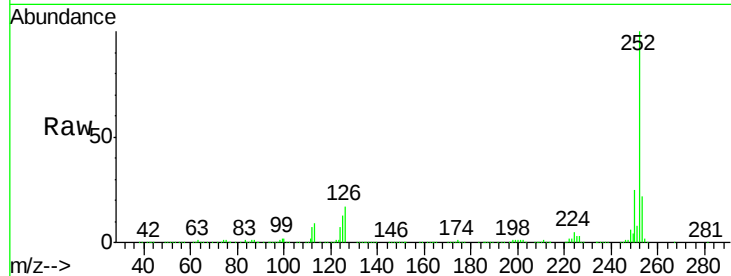
125 12.8 9.8 14.6

Manual Integrations
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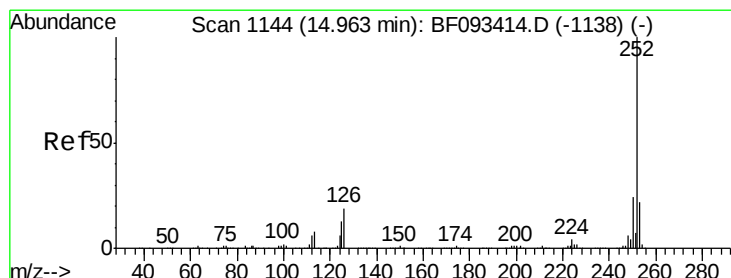
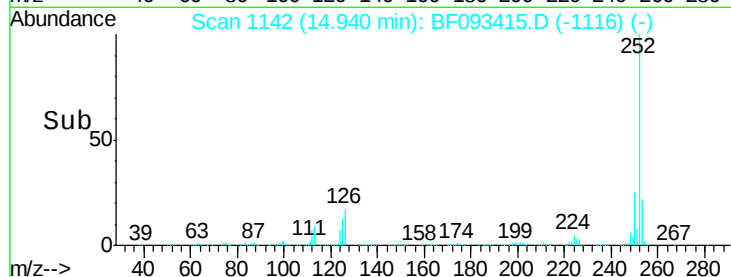
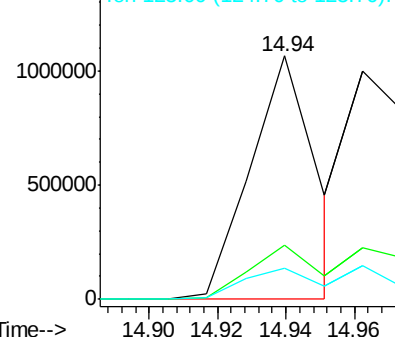
3/8/2017 1:45:28 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.17 ng m

RT: 14.96 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

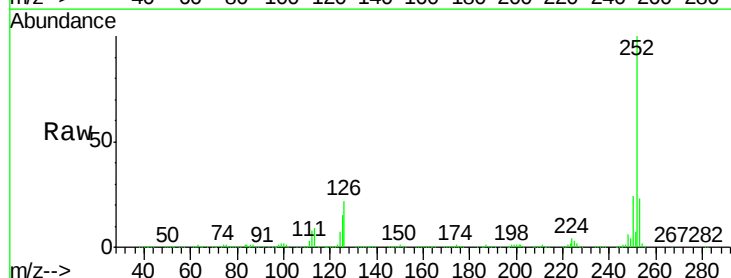
Tgt Ion:252 Resp: 1301161

Ion Ratio Lower Upper

252 100

253 22.7 18.5 27.7

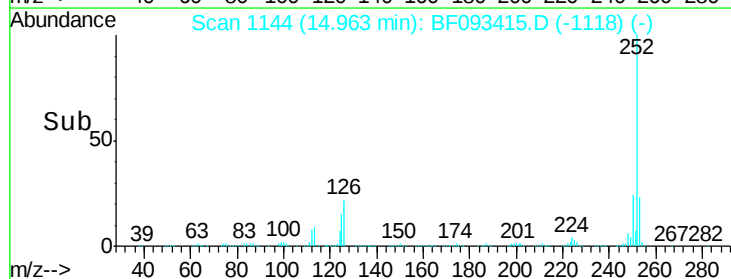
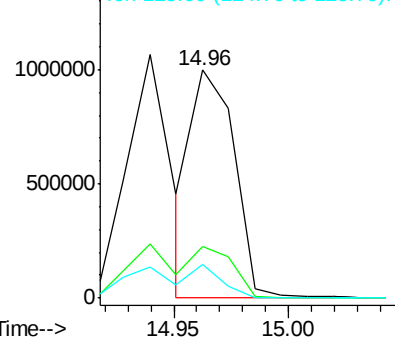
125 15.0 8.9 13.3#

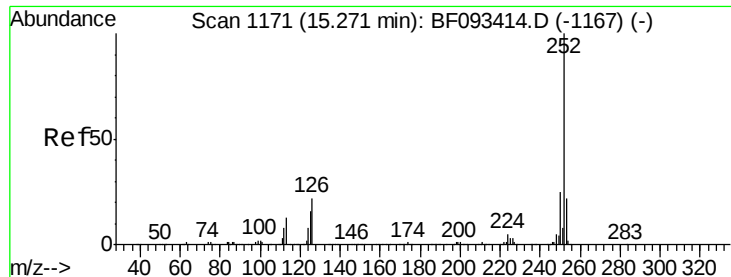


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.77 ng

RT: 15.28 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:252 Resp: 1292402

Ion Ratio Lower Upper

252 100

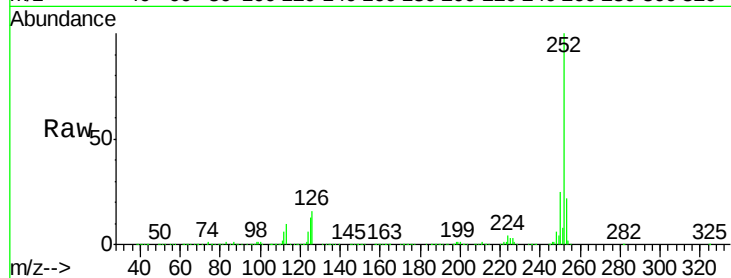
253 22.1 18.2 27.2

125 12.6 10.0 15.0

Manual Integrations
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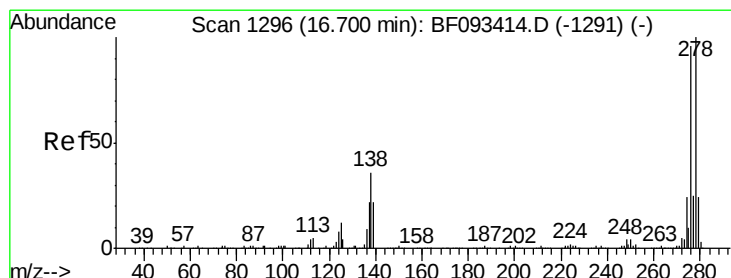
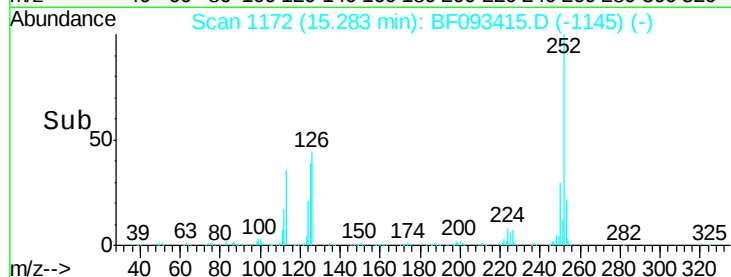
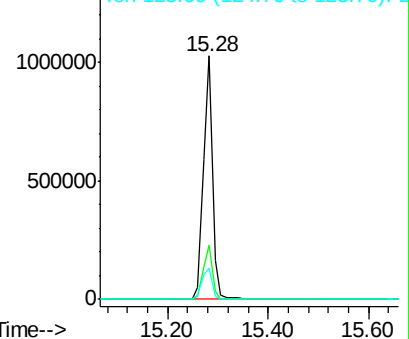
3/8/2017 1:45:28 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.71 ng

RT: 16.71 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF093415.D

Acq: 7 Mar 2017 12:52

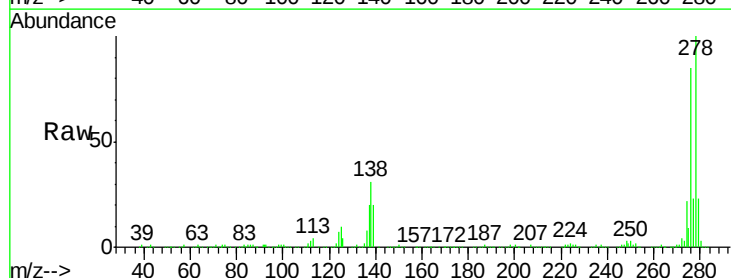
Tgt Ion:278 Resp: 1043064

Ion Ratio Lower Upper

278 100

139 20.4 14.8 22.2

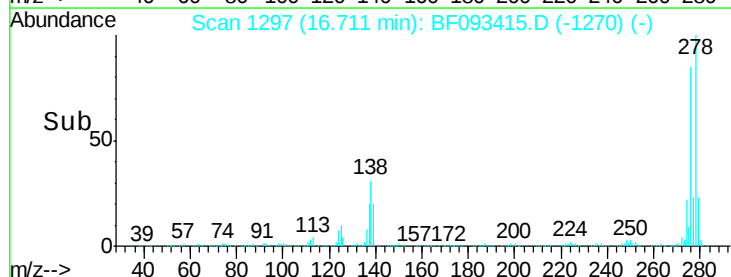
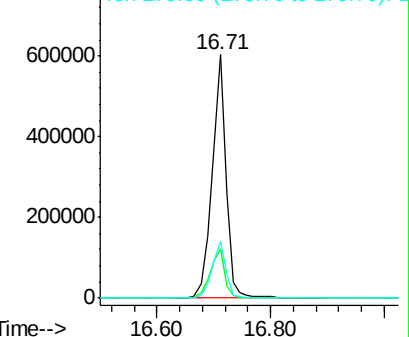
279 23.4 19.8 29.6

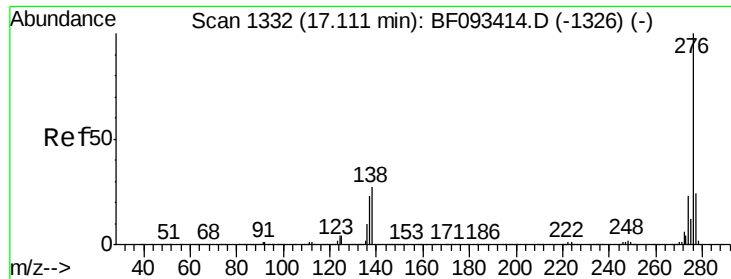


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 49.45 ng
 RT: 17.11 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF093415.D
 Acq: 7 Mar 2017 12:52

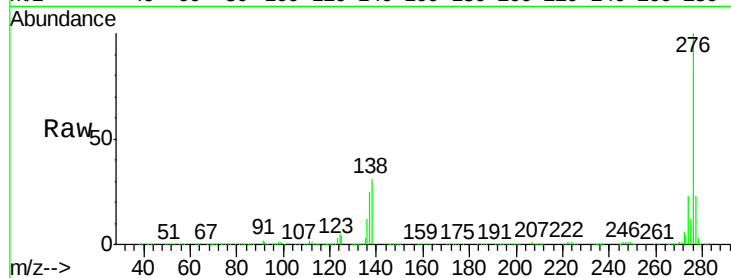
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	30.9	16.0	24.0

Manual Integrations
 APPROVED

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

