

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
 Data File : BF093413.D
 Acq On : 7 Mar 2017 11:57
 Operator : SJ/MA
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

mohammad
 3/8/2017 1:45:22 PM

Quant Time: Mar 07 13:21:13 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	6.77	152	194811	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	784620	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	432870	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	671376	20.00	ng	0.00
75) Chrysene-d12	13.92	240	577066	20.00	ng	0.00
86) Perylene-d12	15.33	264	509090	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	644729	56.78	ng	0.00
7) Phenol-d6	6.41	99	761213	52.10	ng	0.00
23) Nitrobenzene-d5	7.34	82	751021	53.30	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	148633	47.47	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1232650	51.59	ng	0.00
78) Terphenyl-d14	12.87	244	1227315	49.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	163733	26.69	ng	91
3) Pyridine	2.98	79	381243	24.44	ng	90
4) n-Nitrosodimethylamine	2.93	42	202455	27.64	ng	# 83
6) Aniline	6.42	93	531629	26.68	ng	# 73
8) 2-Chlorophenol	6.55	128	343045	27.38	ng	99
9) Benzaldehyde	6.31	77	266616	25.47	ng	92
10) Phenol	6.42	94	469750	27.48	ng	# 77
11) bis(2-Chloroethyl)ether	6.50	93	374189	27.43	ng	97
12) 1,3-Dichlorobenzene	6.70	146	389987m	26.58	ng	
13) 1,4-Dichlorobenzene	6.78	146	415448	27.98	ng	96
14) 1,2-Dichlorobenzene	6.94	146	364622	25.68	ng	94
15) Benzyl Alcohol	6.92	79	271250	25.08	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	667687	28.17	ng	# 41
17) 2-Methylphenol	7.04	107	290641	27.04	ng	94
18) Hexachloroethane	7.27	117	134563	26.54	ng	93
19) n-Nitroso-di-n-propylamine	7.19	70	268075	28.82	ng	# 97
20) 3+4-Methylphenols	7.20	107	391106	30.44	ng	# 75
22) Acetophenone	7.18	105	500483	27.94	ng	# 95
24) Nitrobenzene	7.36	77	414049	28.62	ng	# 88
25) Isophorone	7.60	82	719067	27.39	ng	99
26) 2-Nitrophenol	7.68	139	180266	26.21	ng	# 84
27) 2,4-Dimethylphenol	7.73	122	309547	25.63	ng	93
28) bis(2-Chloroethoxy)methane	7.81	93	448742	25.81	ng	99
29) 2,4-Dichlorophenol	7.92	162	290312	25.77	ng	# 87
30) 1,2,4-Trichlorobenzene	8.00	180	306806	25.27	ng	98
31) Naphthalene	8.07	128	969596	24.38	ng	99
32) Benzoic acid	7.86	122	137599	22.46	ng	97
33) 4-Chloroaniline	8.14	127	409576	26.26	ng	97
34) Hexachlorobutadiene	8.18	225	154395	23.12	ng	99
35) Caprolactam	8.50	113	92929	26.23	ng	# 31
36) 4-Chloro-3-methylphenol	8.63	107	311081	26.49	ng	94
37) 2-Methylnaphthalene	8.77	142	688418	26.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	291422	23.98	ng	100
40) Hexachlorocyclopentadiene	8.92	237	37945	6.92	ng	98

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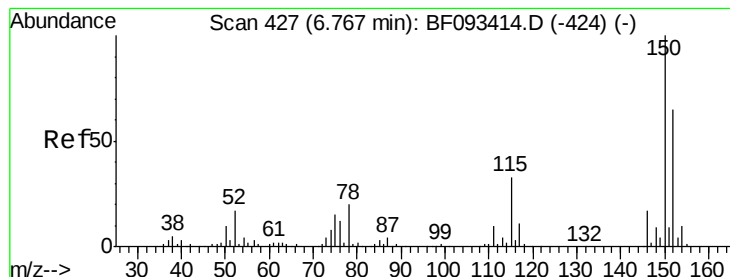
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	190695	23.88	nq	92
43) 2,4,5-Trichlorophenol	9.10	196	210816	24.10	nq	95
45) 1,1'-Biphenyl	9.22	154	771826	24.62	nq	96
46) 2-Chloronaphthalene	9.26	162	617975	25.20	nq	96
47) 2-Nitroaniline	9.36	65	236743	28.72	nq	95
48) Acenaphthylene	9.67	152	1034444	24.42	nq	97
49) Dimethylphthalate	9.53	163	725045	24.87	nq	99
50) 2,6-Dinitrotoluene	9.60	165	169908	26.98	nq	# 81
51) Acenaphthene	9.83	154	578552	22.84	nq	96
52) 3-Nitroaniline	9.77	138	206205	28.62	nq	93
53) 2,4-Dinitrophenol	9.90	184	69692	24.79	nq	# 78
54) Dibenzofuran	10.01	168	777915	22.97	nq	# 89
55) 4-Nitrophenol	9.96	139	95429m	18.39	nq	
56) 2,4-Dinitrotoluene	10.01	165	214325	25.57	nq	91
57) Fluorene	10.34	166	649228	24.91	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	144806	24.81	nq	94
59) Diethylphthalate	10.23	149	699794	25.47	nq	94
60) 4-Chlorophenyl-phenylether	10.34	204	316259	25.26	nq	# 77
61) 4-Nitroaniline	10.39	138	195487	26.49	nq	82
62) Azobenzene	10.50	77	829198	29.21	nq	92
64) 4,6-Dinitro-2-methylphenol	10.42	198	111449	32.08	nq	# 74
65) n-Nitrosodiphenylamine	10.46	169	559000	26.06	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	172490	24.59	nq	92
67) Hexachlorobenzene	10.89	284	172236	24.85	nq	# 67
68) Atrazine	11.00	200	186315	27.07	nq	91
69) Pentachlorophenol	11.11	266	57500	19.21	nq	92
70) Phenanthrene	11.30	178	970502	25.23	nq	99
71) Anthracene	11.36	178	1064206	27.55	nq	98
72) Carbazole	11.52	167	991255	26.85	nq	99
73) Di-n-butylphthalate	11.84	149	1029485	25.78	nq	98
74) Fluoranthene	12.49	202	961827	24.24	nq	97
76) Benzidine	12.62	184	525357	21.36	nq	99
77) Pyrene	12.72	202	986492	22.84	nq	99
79) Butylbenzylphthalate	13.34	149	476470	27.17	nq	88
80) Benzo(a)anthracene	13.91	228	852336	24.15	nq	100
81) 3,3'-Dichlorobenzidine	13.88	252	330463	26.27	nq	# 97
82) Chrysene	13.95	228	818447	24.77	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	652847	27.22	nq	# 96
84) Di-n-octyl phthalate	14.51	149	1071843	27.44	nq	97
85) Indeno(1,2,3-cd)pyrene	16.70	276	645484	25.22	nq	# 94
87) Benzo(b)fluoranthene	14.93	252	748997m	22.35	nq	
88) Benzo(k)fluoranthene	14.96	252	803904m	27.79	nq	
89) Benzo(a)pyrene	15.27	252	734810	25.35	nq	98
90) Dibenzo(a,h)anthracene	16.70	278	552690	23.59	nq	99
91) Benzo(g,h,i)perylene	17.10	276	551171	23.29	nq	# 92

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



#1

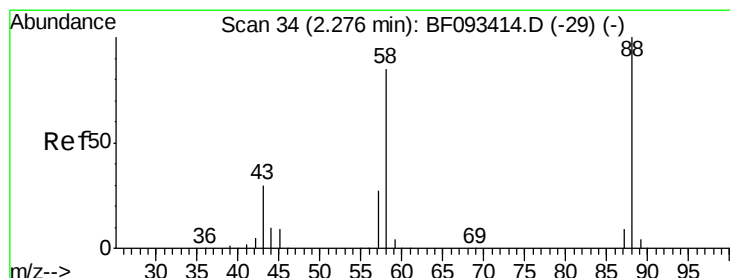
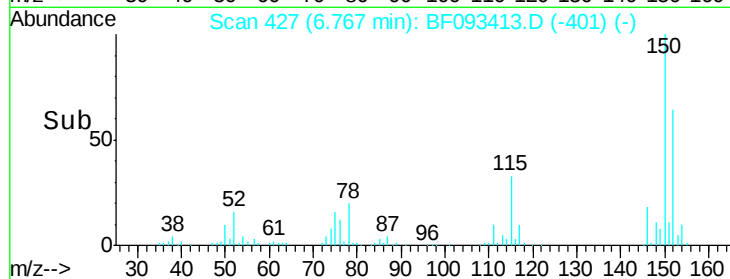
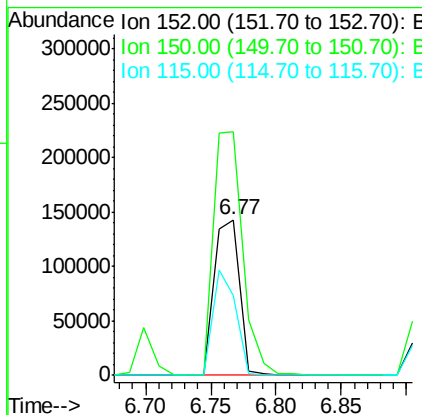
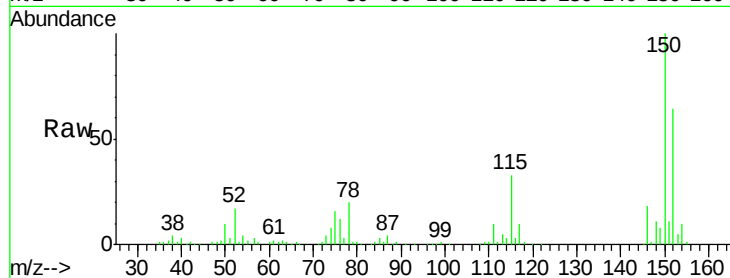
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.9	187.3
115	51.0	46.0	69.0

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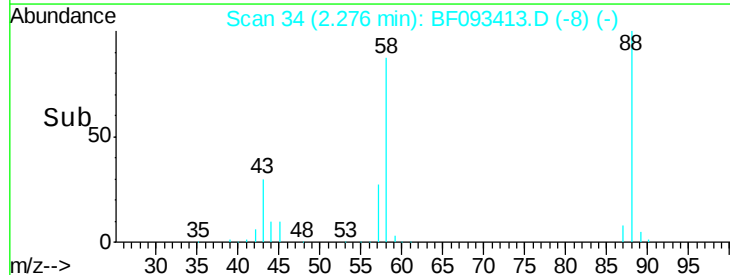
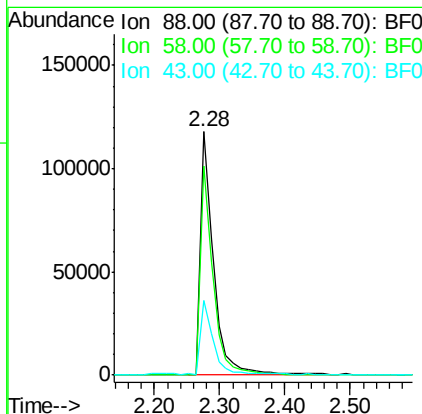
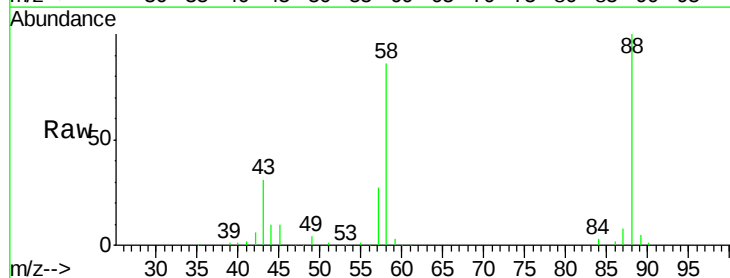
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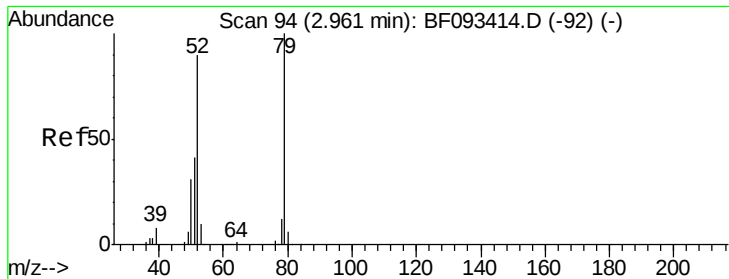


#2

1,4-Dioxane
Concen: 26.69 ng
RT: 2.28 min Scan# 34
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.9	57.8	86.8
43	28.0	22.3	33.5





#3

Pvridine

Concen: 24.44 ng

RT: 2.98 min Scan# 96

Delta R.T. 0.02 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

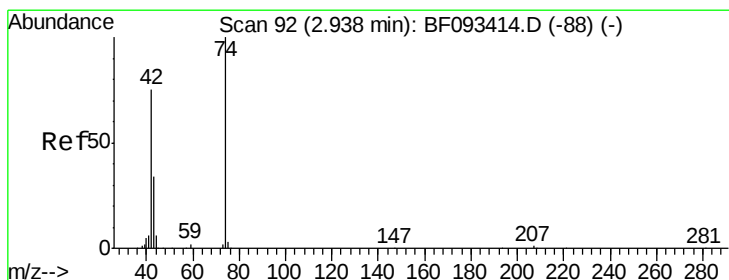
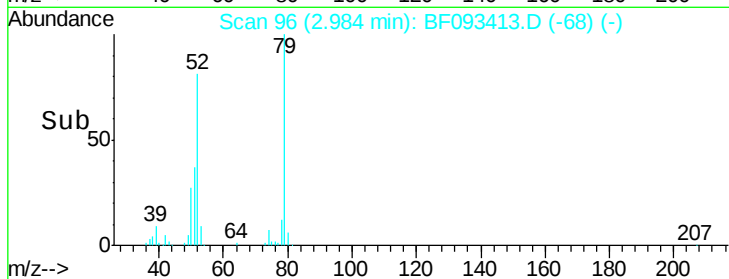
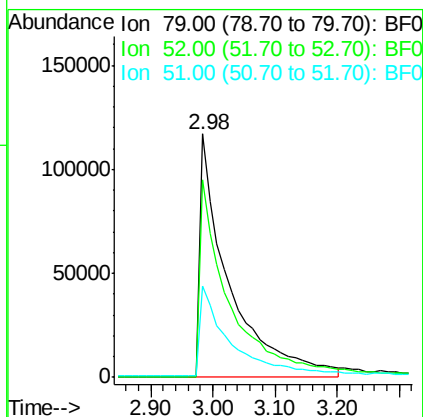
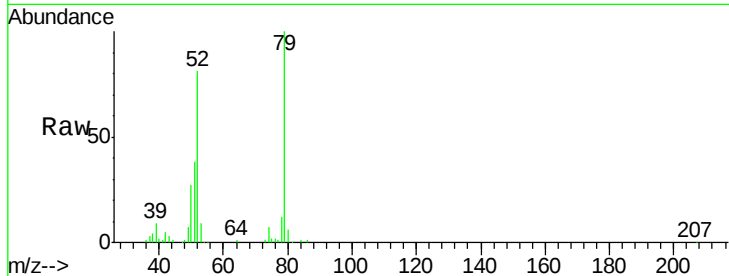
ClientSampleId :

SSTDICC025

Tot Ion:	79	Resp:	381243
Ion Ratio	Lower	Upper	
79	100		
52	81.2	57.1	85.7
51	37.7	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 27.64 ng

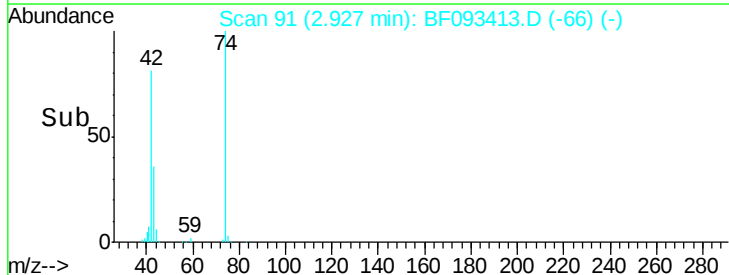
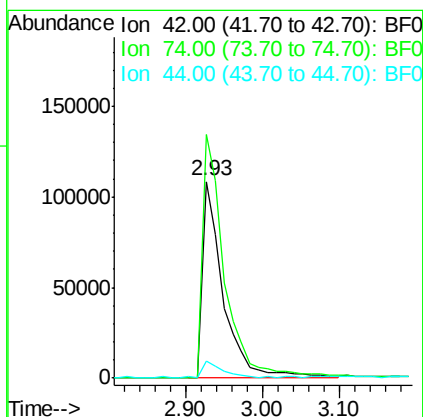
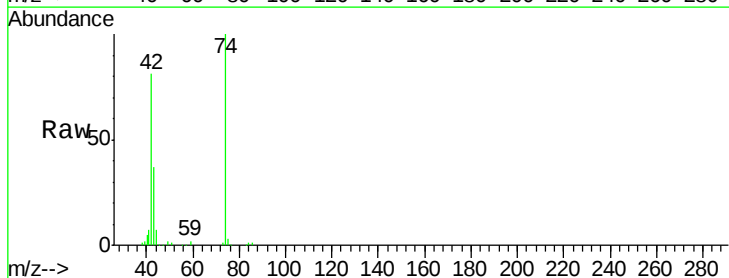
RT: 2.93 min Scan# 91

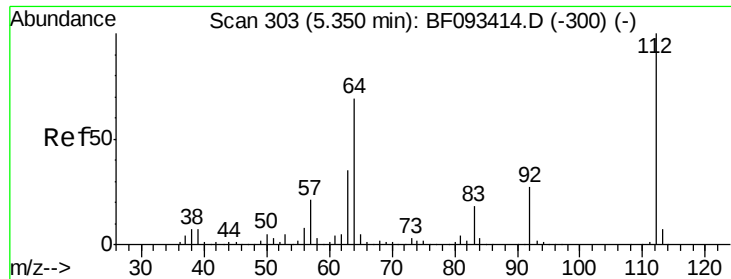
Delta R.T. -0.01 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tgt Ion:	42	Resp:	202455
Ion Ratio	Lower	Upper	
42	100		
74	123.9	117.0	175.4
44	8.5	5.5	8.3#





#5

2-Fluorophenol

Concen: 56.78 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

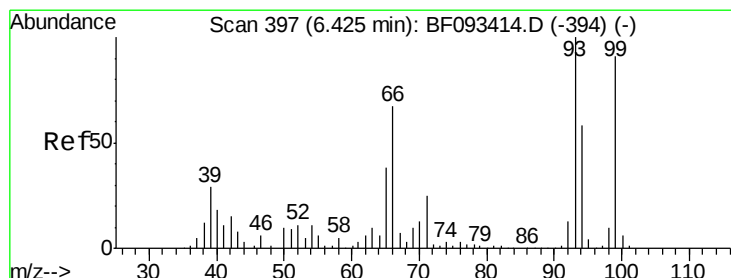
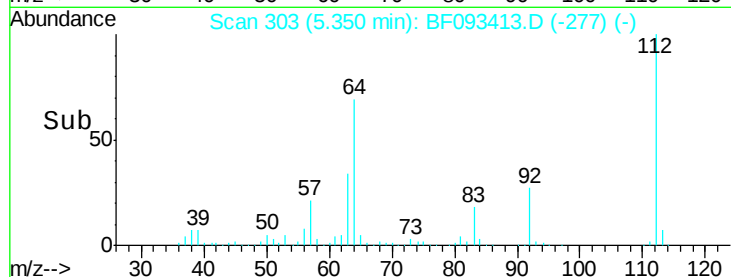
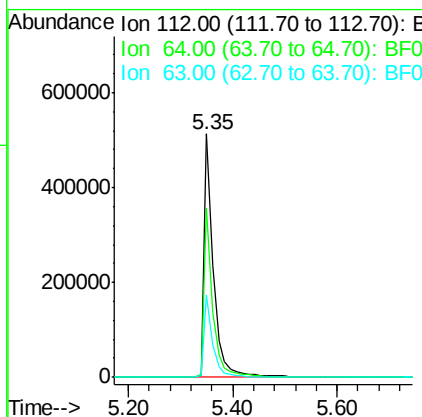
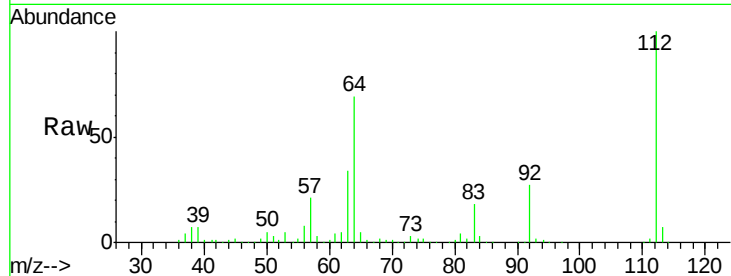
ClientSampleId :

SSTDIC025

Tot Ion:	112	Resp:	644729
Ion Ratio	Lower	Upper	
112	100		
64	69.3	46.1	69.1#
63	34.0	23.8	35.6

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#6

Aniline

Concen: 26.68 ng

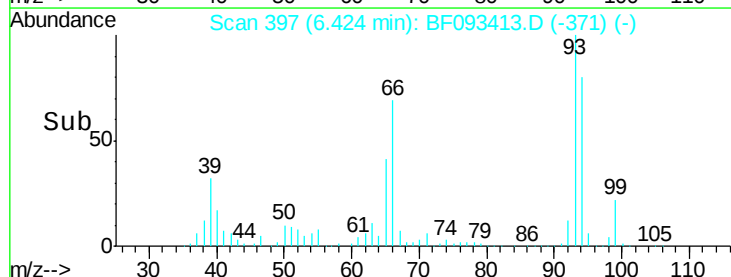
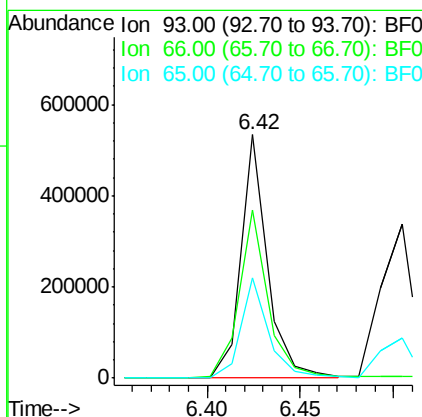
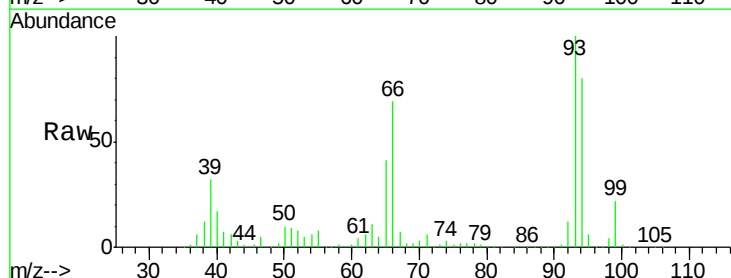
RT: 6.42 min Scan# 397

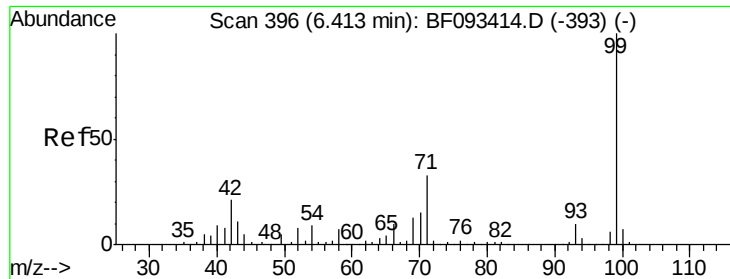
Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tgt Ion:	93	Resp:	531629
Ion Ratio	Lower	Upper	
93	100		
66	68.8	76.2	114.2#
65	41.3	49.3	73.9#





#7

Phenol-d6

Concen: 52.10 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

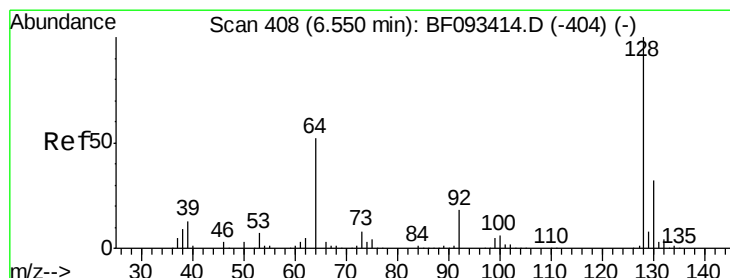
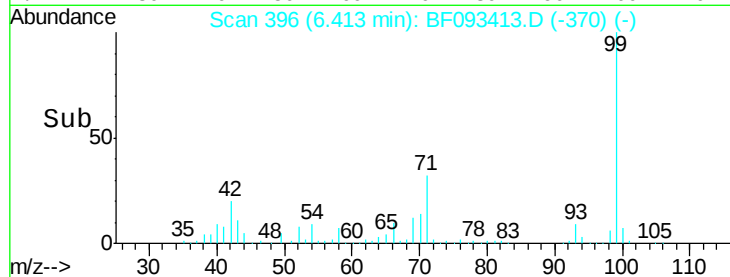
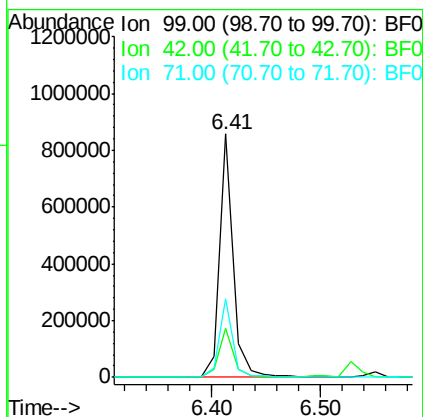
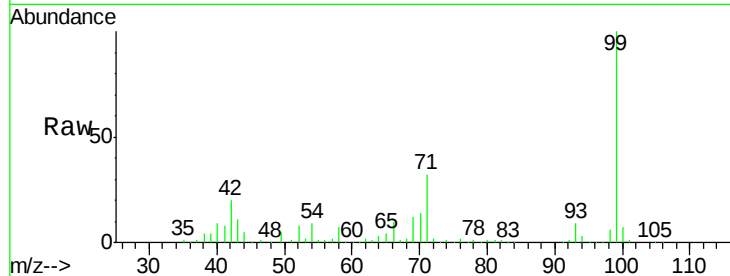
ClientSampleId :

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Tot Ion:	99	Resp:	761213
Ion Ratio	Lower	Upper	
99	100		
42	20.4	15.6	23.4
71	32.0	27.5	41.3

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#8

2-Chlorophenol

Concen: 27.38 ng

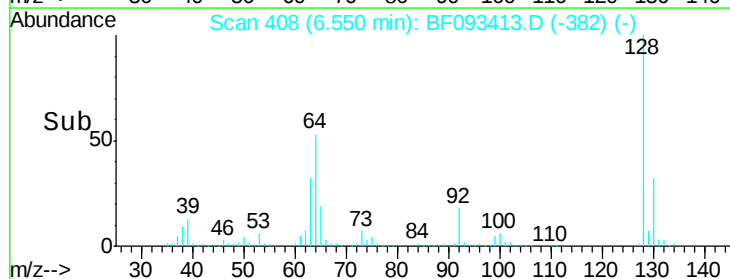
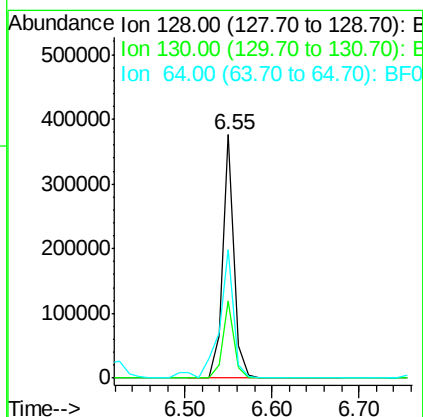
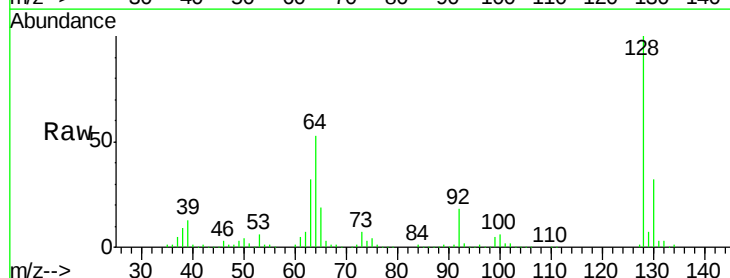
RT: 6.55 min Scan# 408

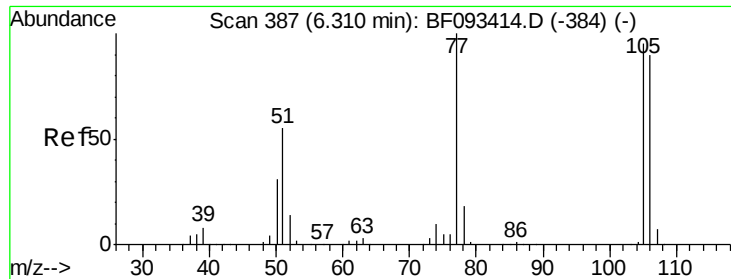
Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tgt Ion:	128	Resp:	343045
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.3	52.3
64	52.8	32.2	72.2





#9

Benzaldehyde

Concen: 25.47 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

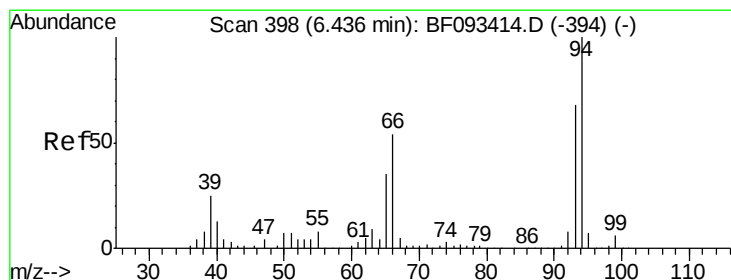
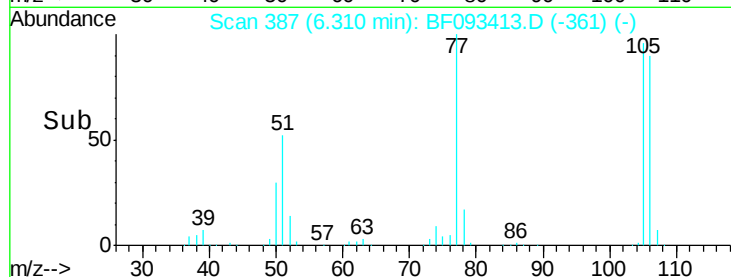
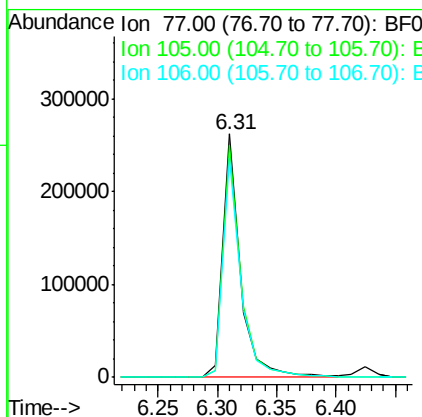
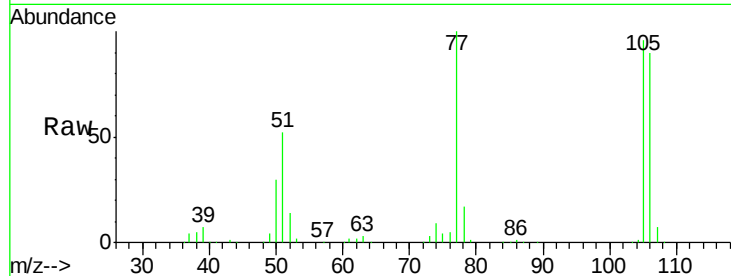
ClientSampleId :

SSTDIC025

Tot Ion:	77	Resp:	266616
Ion	Ratio	Lower	Upper
77	100		
105	95.5	83.9	123.9
106	90.3	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 27.48 ng

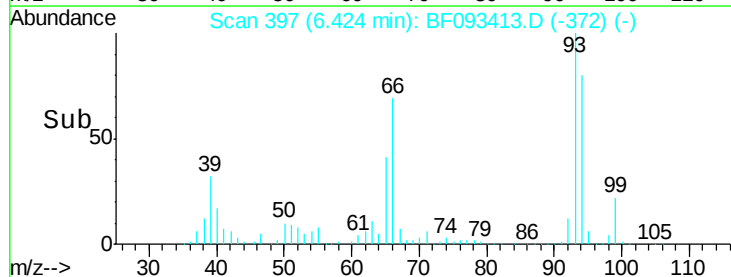
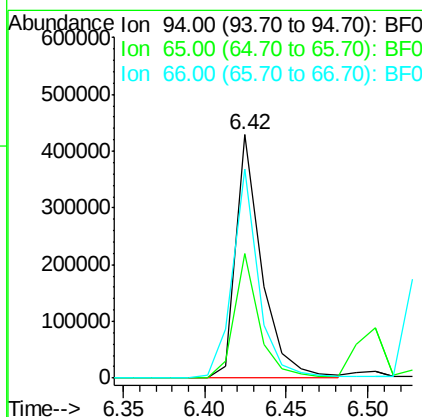
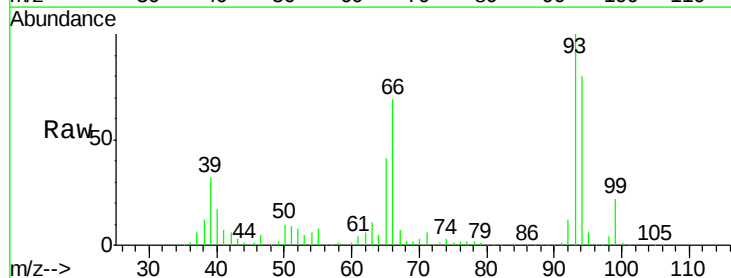
RT: 6.42 min Scan# 397

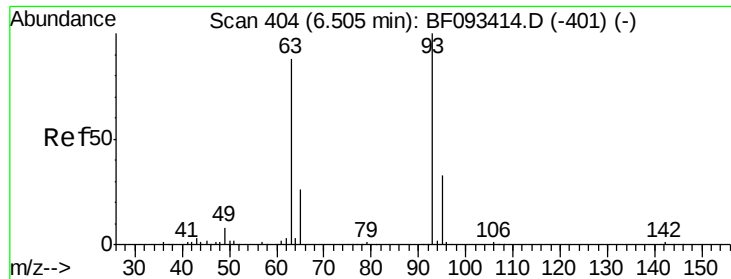
Delta R.T. -0.01 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tgt Ion:	94	Resp:	469750
Ion	Ratio	Lower	Upper
94	100		
65	51.4	21.4	61.4
66	85.6	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 27.43 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

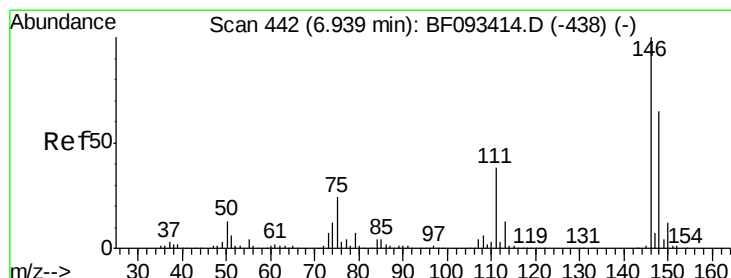
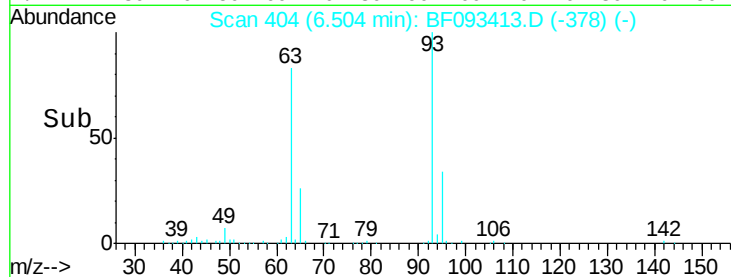
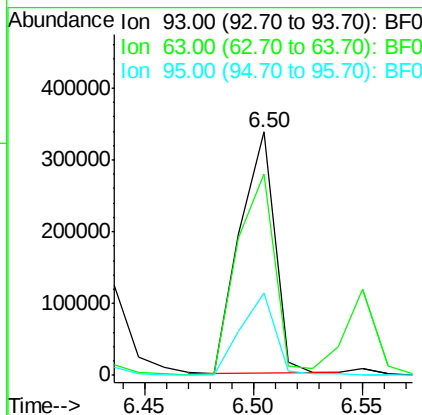
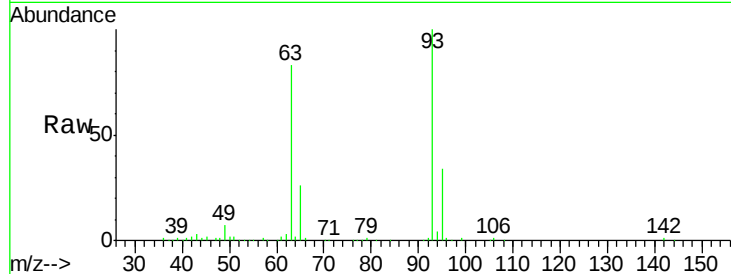
ClientSampleId :

SSTDIC025

Tot Ion:	93	Resp:	374189
Ion	Ratio	Lower	Upper
93	100		
63	82.9	60.4	100.4
95	33.9	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 26.58 ng m

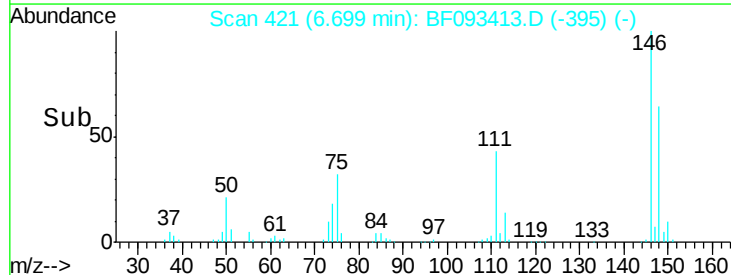
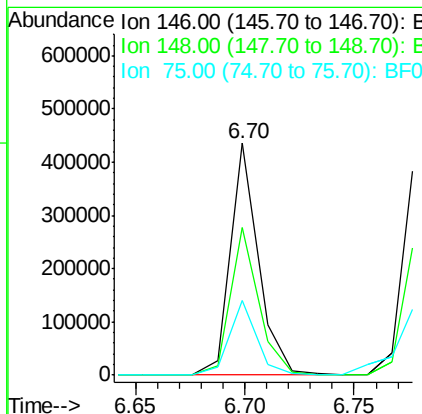
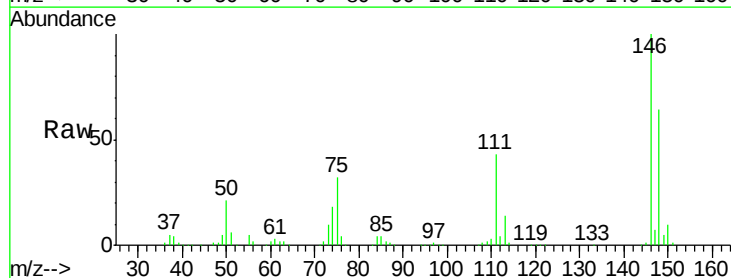
RT: 6.70 min Scan# 421

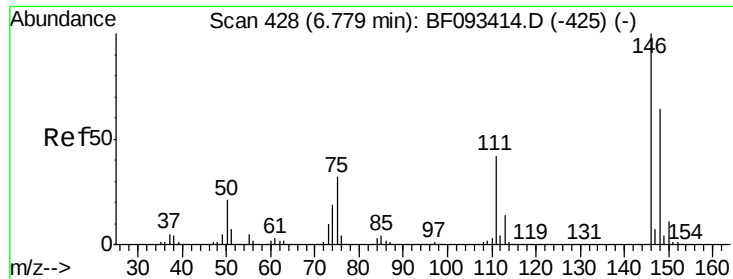
Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tgt Ion:	146	Resp:	389987
Ion	Ratio	Lower	Upper
146	100		
148	63.7	53.4	80.0
75	32.2	18.5	27.7#





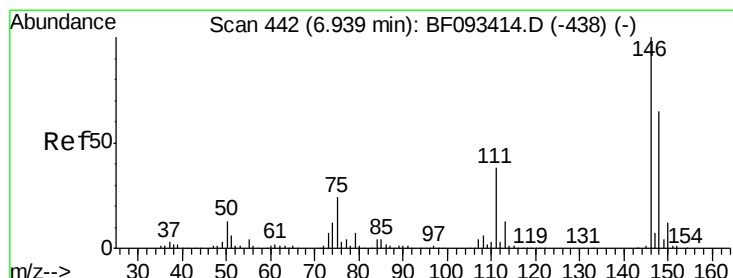
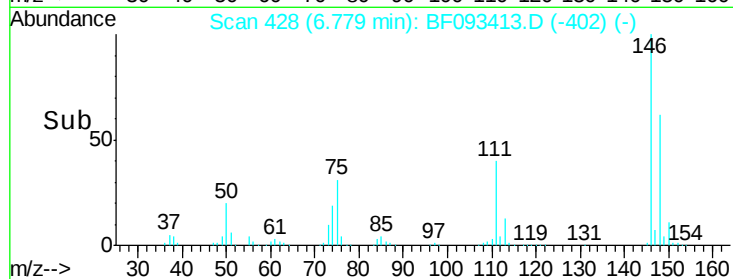
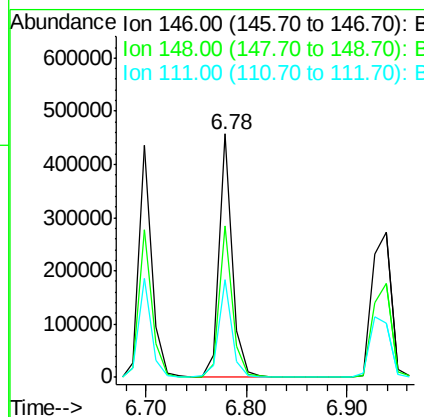
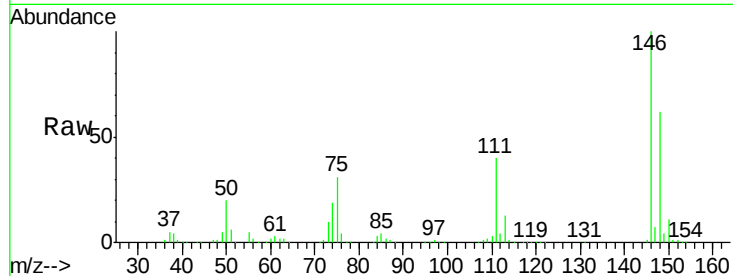
#13
 1,4-Dichlorobenzene
 Concen: 27.98 ng
 RT: 6.78 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.6	76.0
111	40.3	36.2	54.4

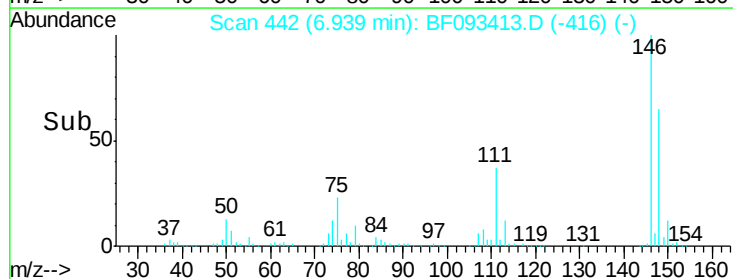
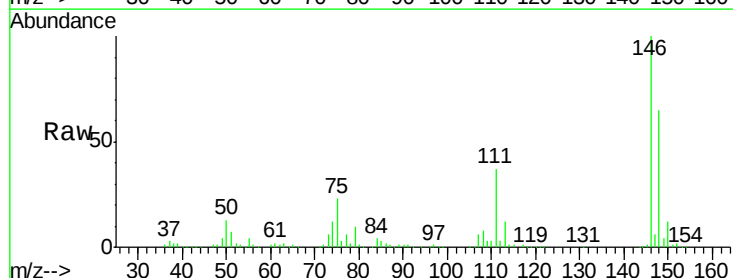
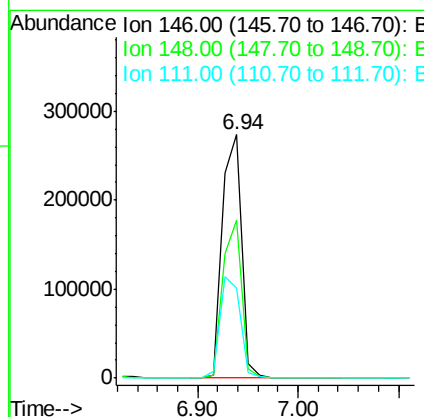
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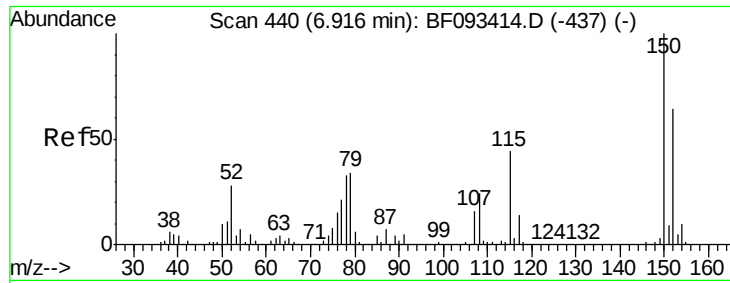
mohammad
 3/8/2017 1:45:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 25.68 ng
 RT: 6.94 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	36.9	36.2	54.2





#15

Benzyl Alcohol

Concen: 25.08 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 79 Resp: 271250

Ion Ratio Lower Upper

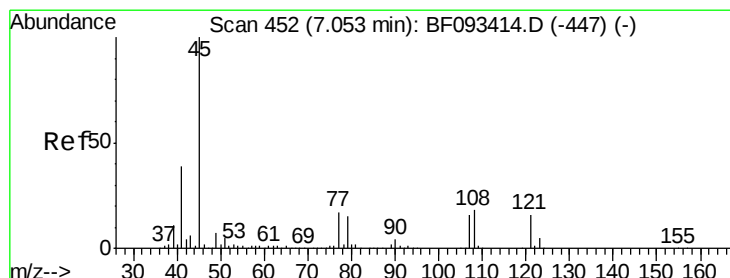
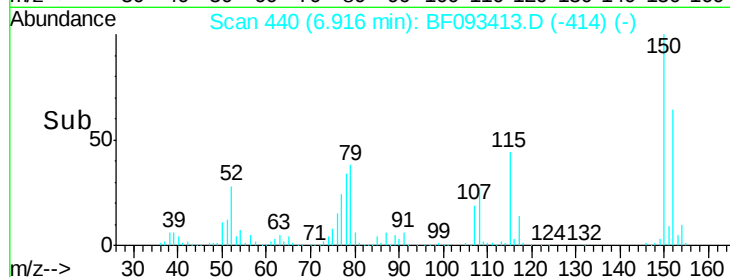
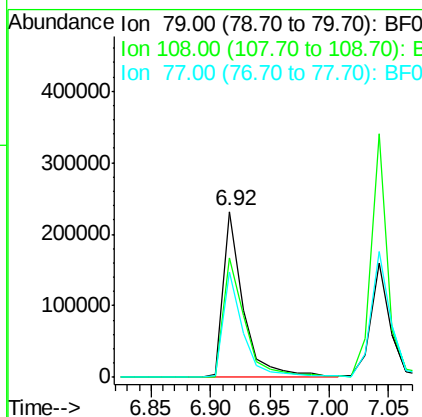
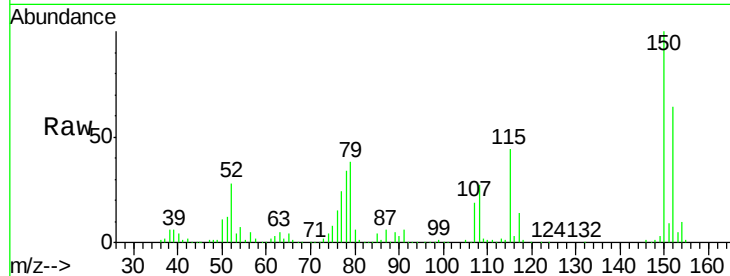
79 100

108 72.0 61.4 92.0

77 63.6 50.9 76.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.17 ng

RT: 7.04 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

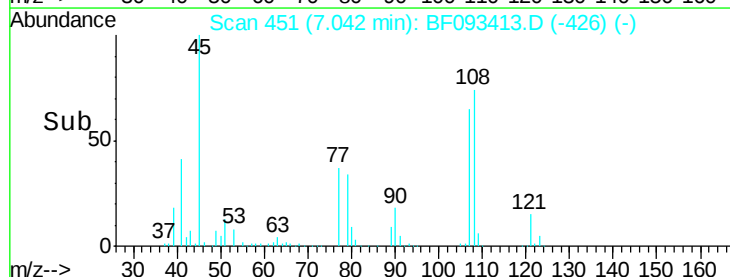
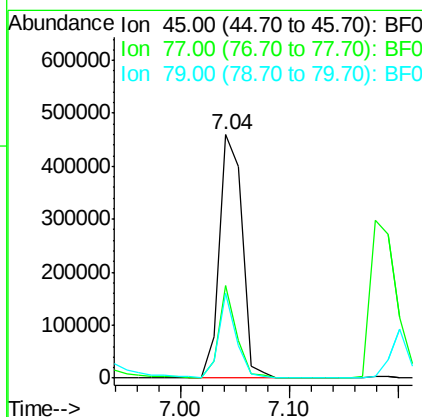
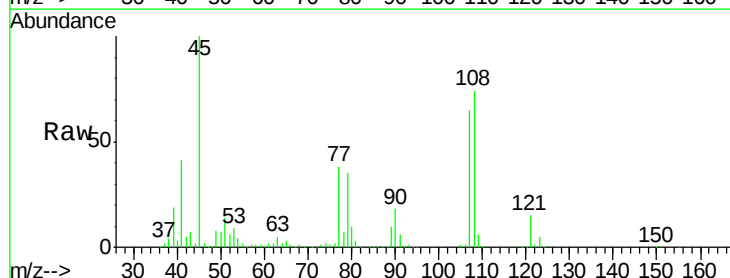
Tgt Ion: 45 Resp: 667687

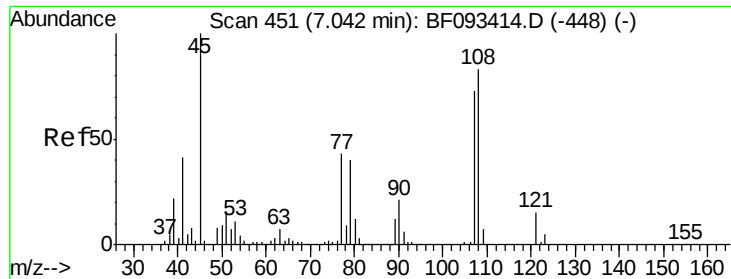
Ion Ratio Lower Upper

45 100

77 38.3 0.0 34.6#

79 34.7 0.0 31.2#





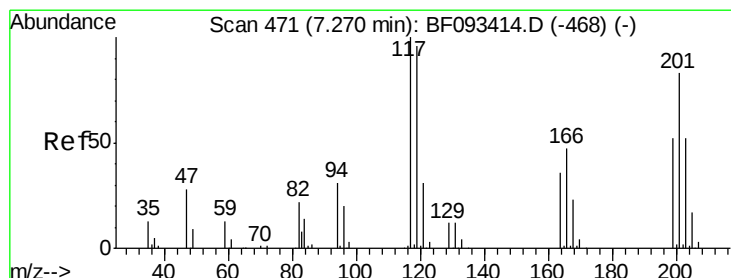
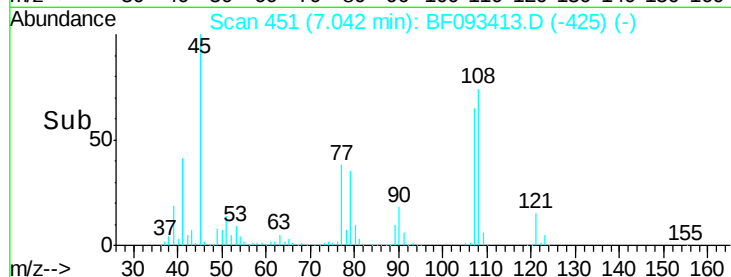
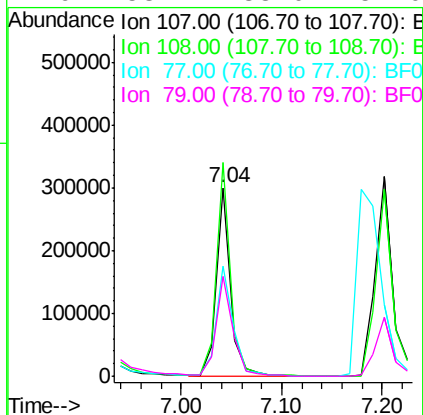
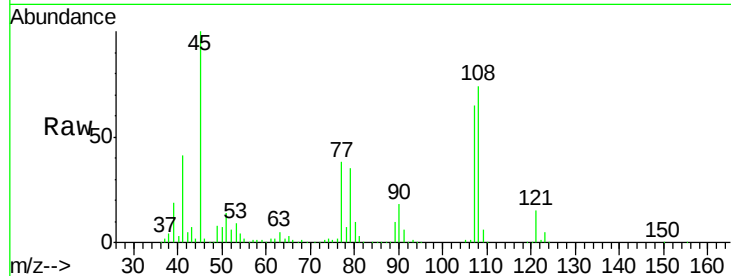
#17
2-Methylphenol
Concen: 27.04 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		290641		
108	113.3	93.0	139.6		
77	58.6	39.8	59.8		
79	53.2	38.0	57.0		

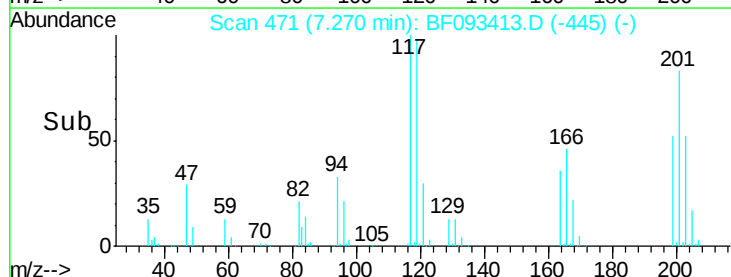
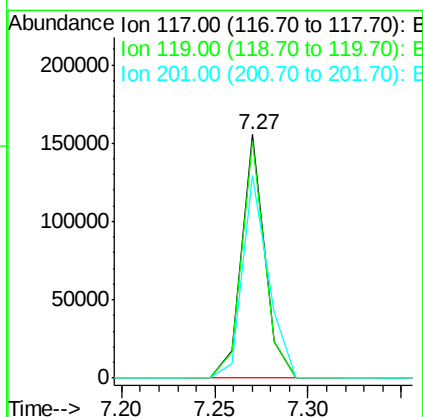
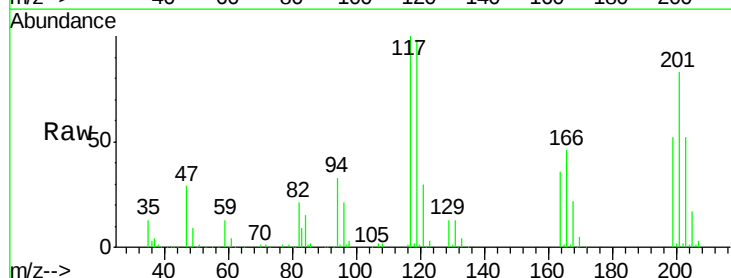
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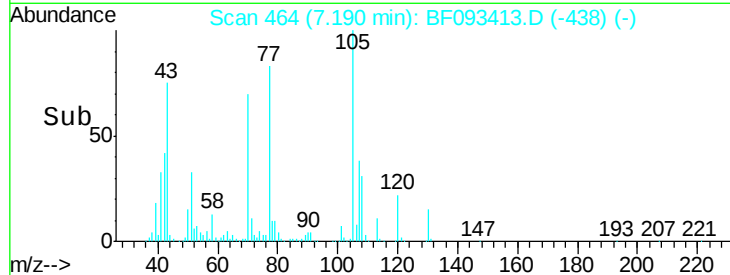
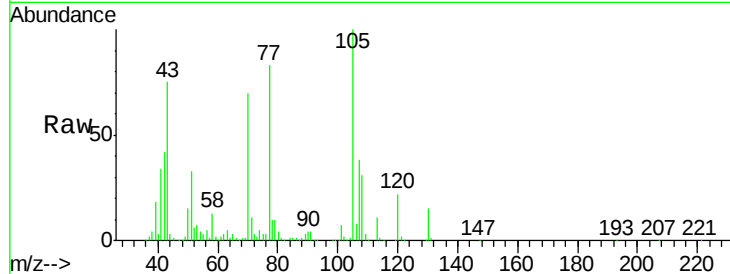
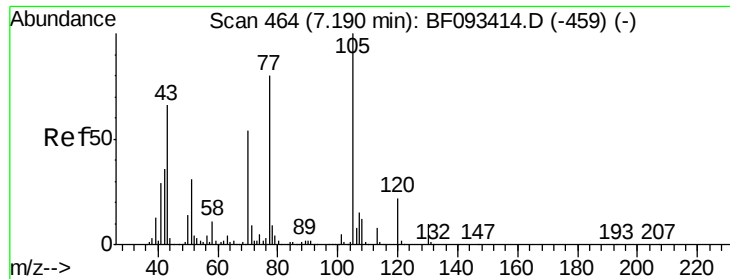
mohammad
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#18
Hexachloroethane
Concen: 26.54 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		134563		
119	97.6	78.1	117.1		
201	83.5	78.6	117.8		





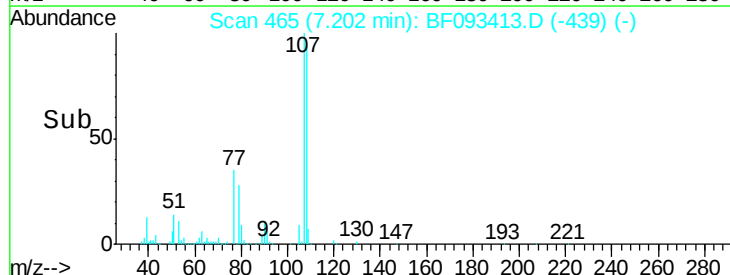
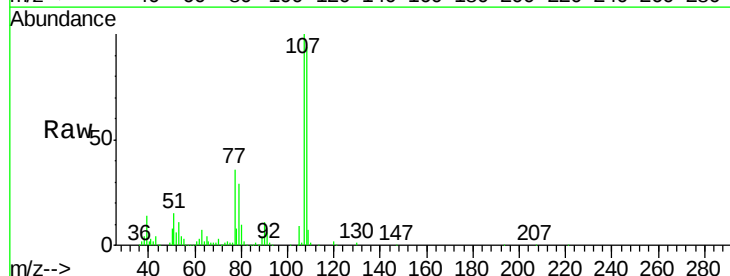
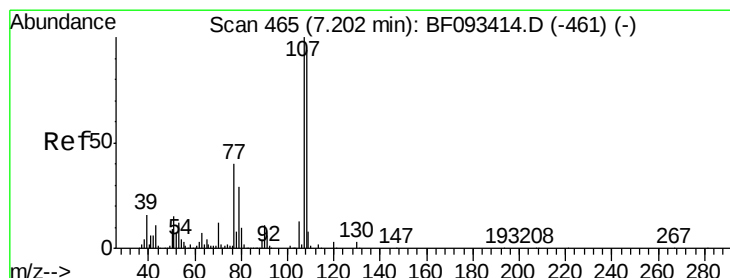
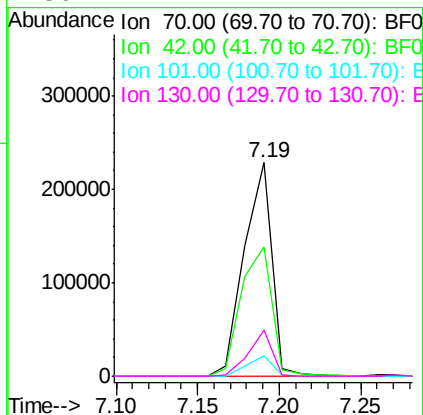
#19
n-Nitroso-di-n-propylamine
Concen: 28.82 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.8	49.4	74.0
101	9.6	7.4	11.2
130	21.7	14.2	21.4

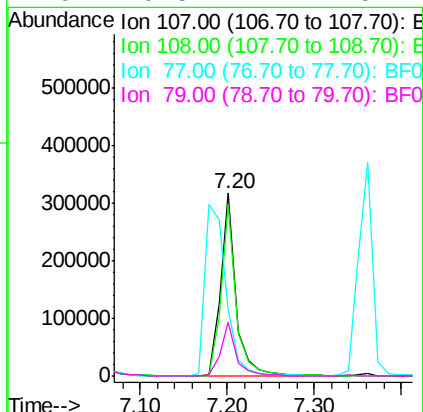
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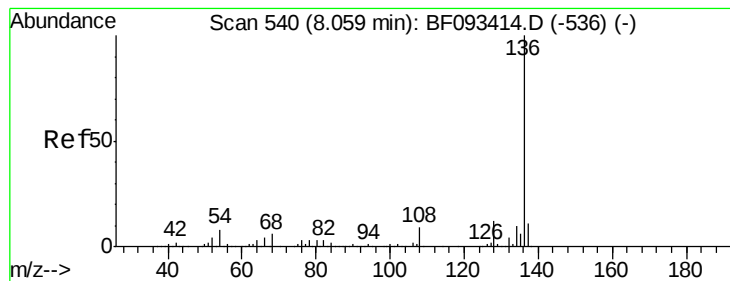
mohammad
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#20
3+4-Methylphenols
Concen: 30.44 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.8	73.0	113.0
77	36.2	71.3	111.3
79	29.5	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

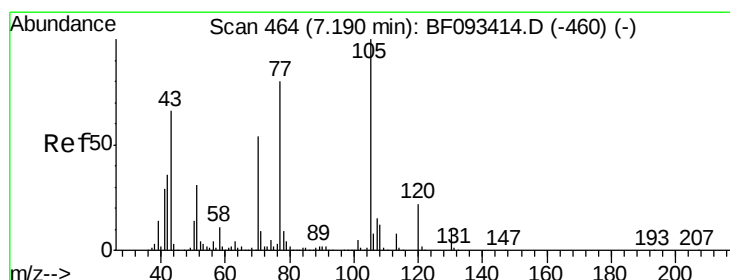
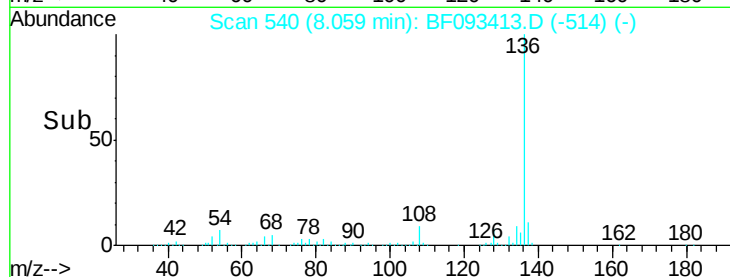
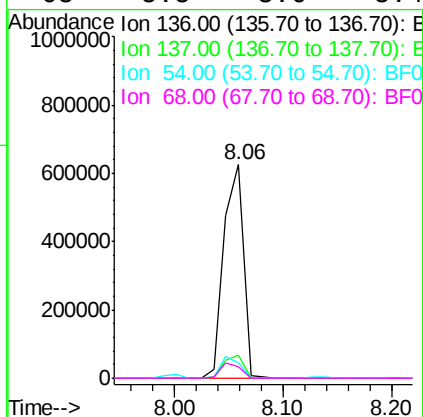
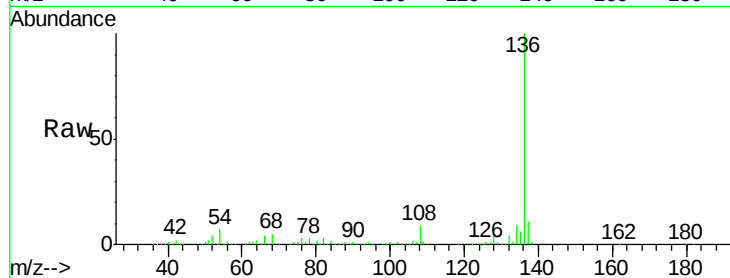
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
136	100	784620		
137	10.6		8.4	12.6
54	7.0		4.5	6.7#
68	5.5		3.6	5.4#

Manual Integrations
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#22

Acetophenone

Concen: 27.94 ng

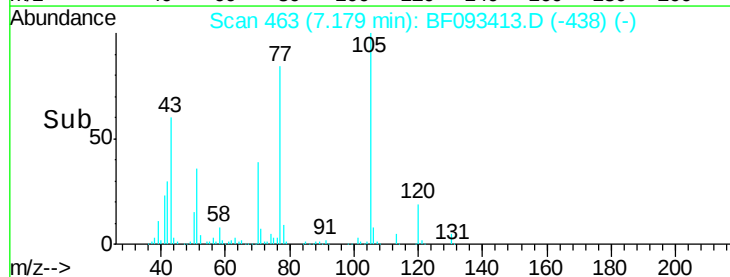
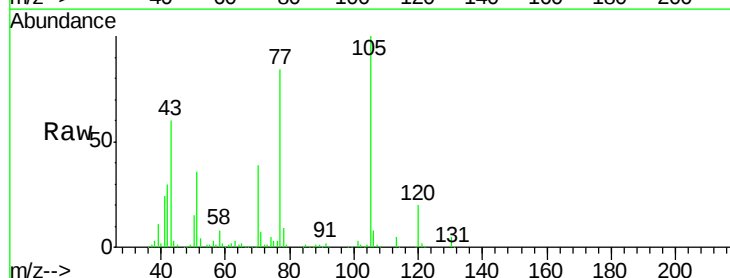
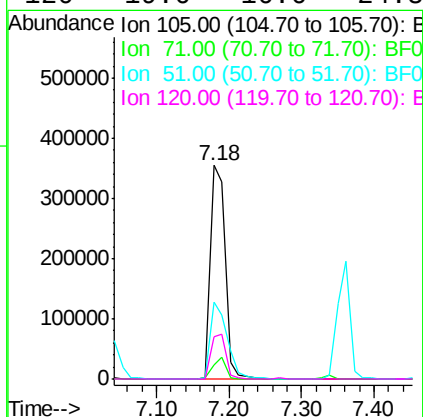
RT: 7.18 min Scan# 463

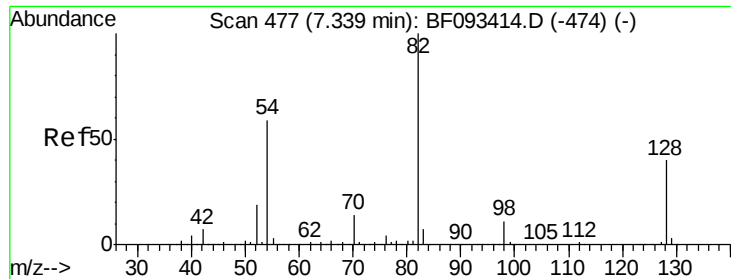
Delta R.T. -0.01 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	500483		
71	6.8		3.2	4.8#
51	35.9		26.2	39.4
120	19.6		16.6	24.8





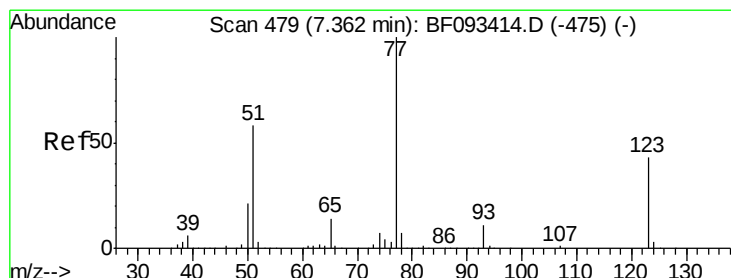
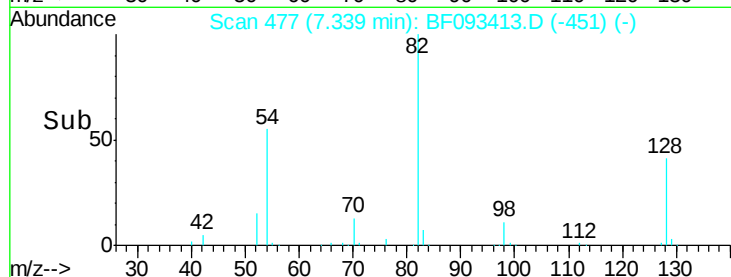
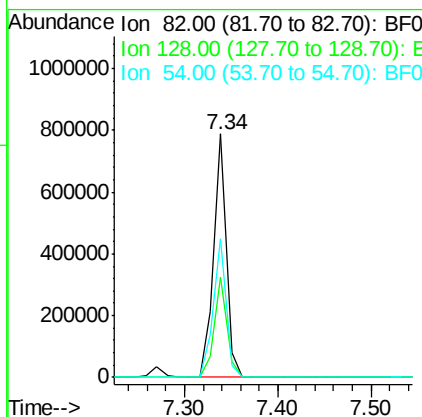
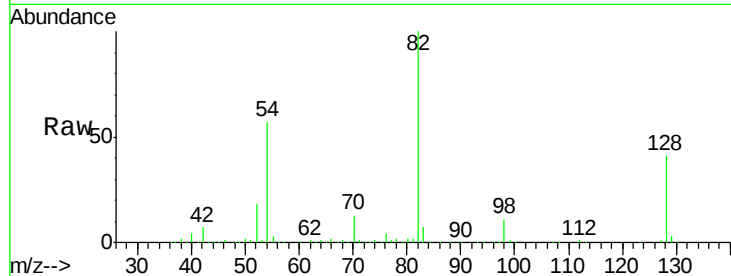
#23
 Nitrobenzene-d5
 Concen: 53.30 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	56.7	39.5	59.3

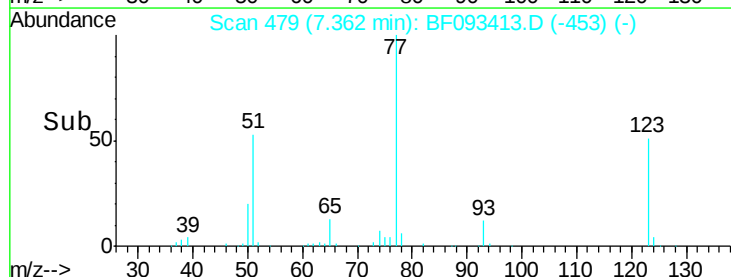
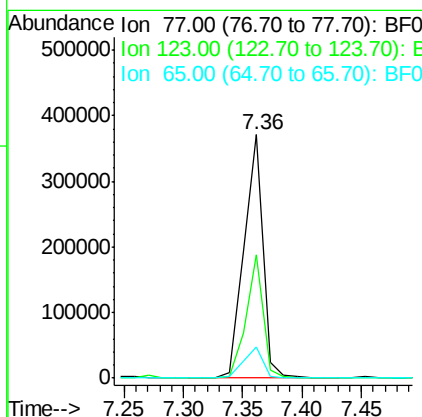
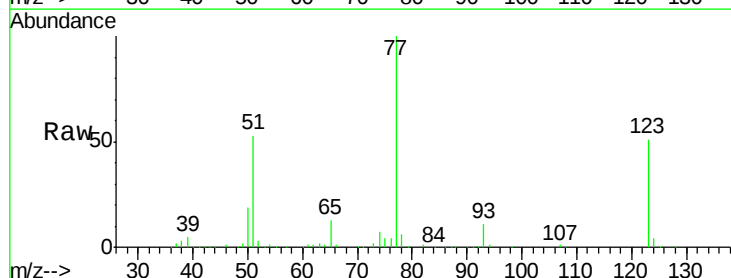
Manual Integrations
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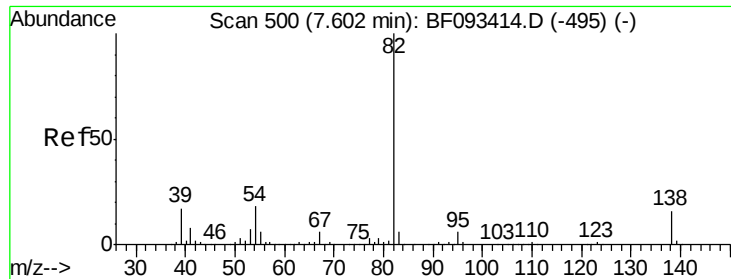
mohammad
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#24
 Nitrobenzene
 Concen: 28.62 ng
 RT: 7.36 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	33.0	49.4#
65	13.0	11.2	16.8





#25

Isophorone

Concen: 27.39 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

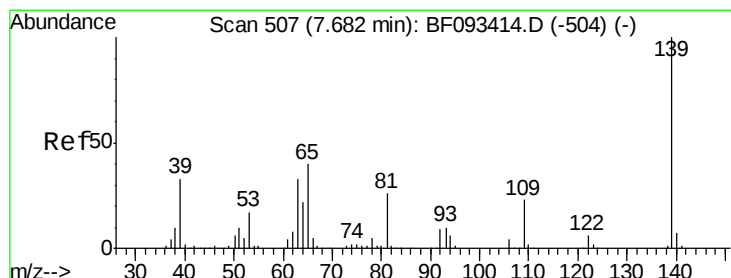
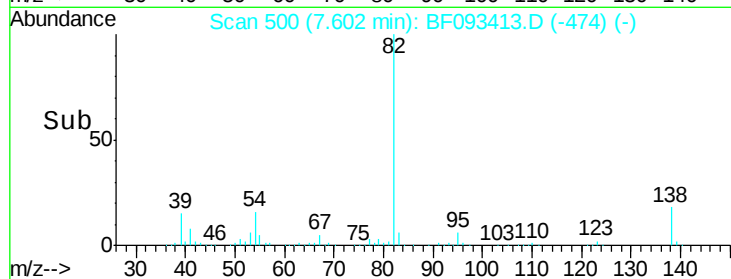
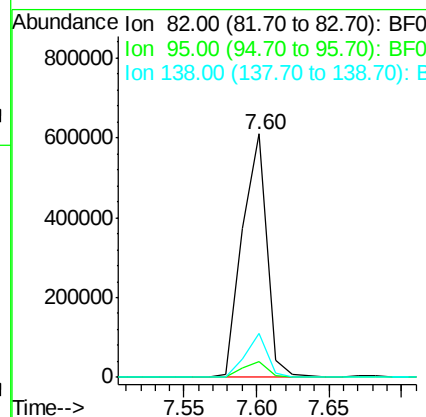
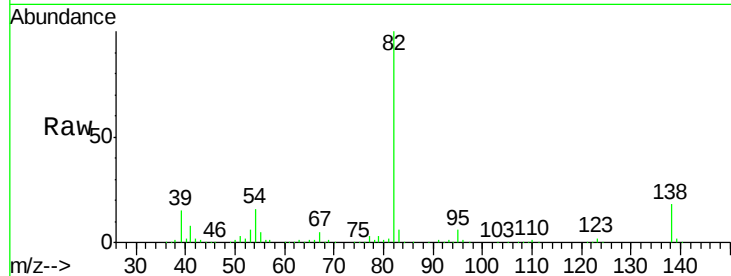
ClientSampleId :

SSTDICC025

Tot Ion:	82	Resp:	719067
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.6	8.4
138	17.8	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 26.21 ng

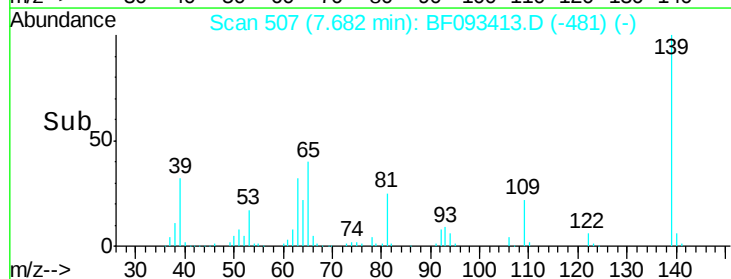
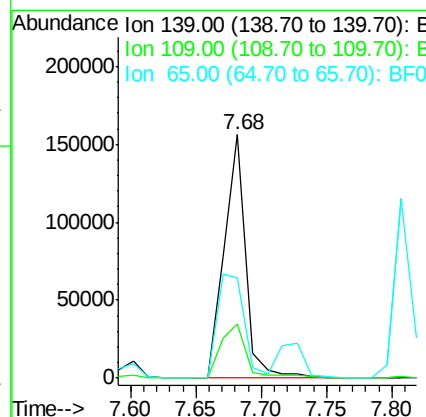
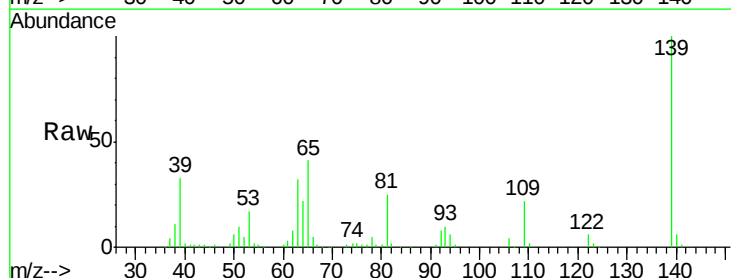
RT: 7.68 min Scan# 507

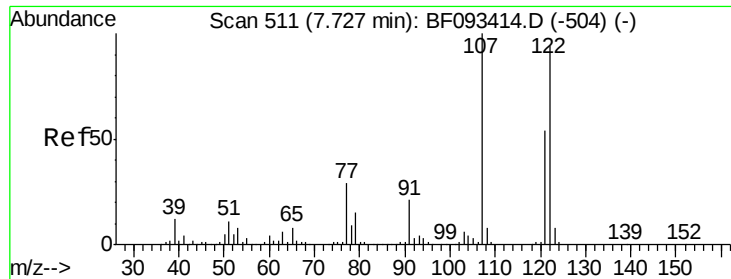
Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tgt Ion:	139	Resp:	180266
Ion Ratio		Lower	Upper
139	100		
109	22.3	23.3	34.9#
65	40.9	42.7	64.1#





#27

2,4-Dimethylphenol

Concen: 25.63 ng

RT: 7.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

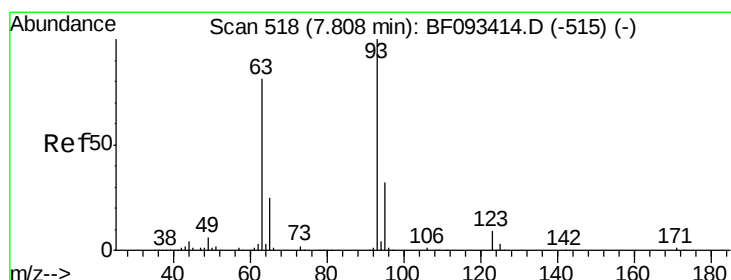
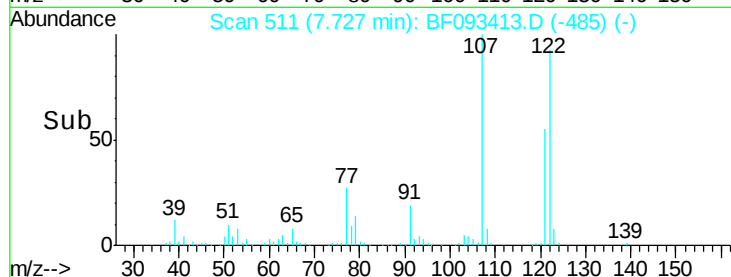
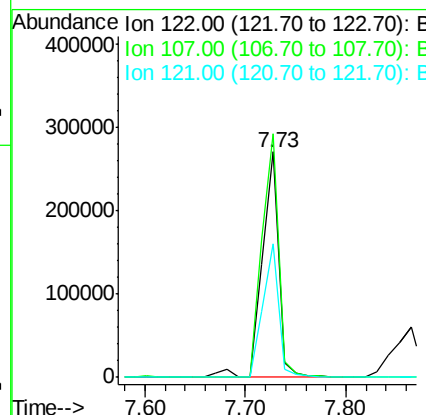
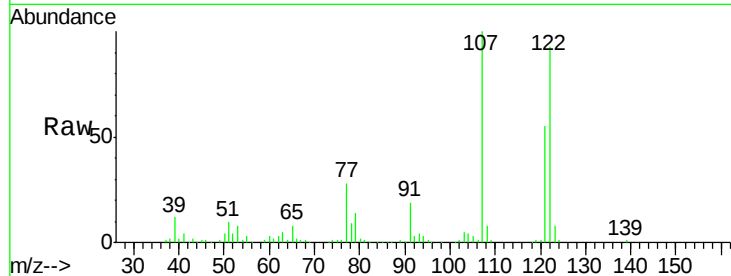
ClientSampleId :

SSTDIC025

Tot Ion:	122	Resp:	309547
Ion Ratio	Lower	Upper	
122	100		
107	107.9	94.1	141.1
121	58.9	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 25.81 ng

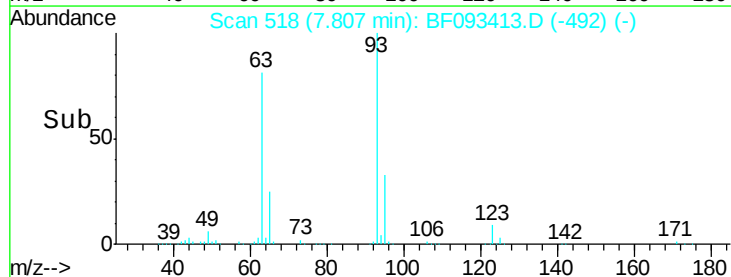
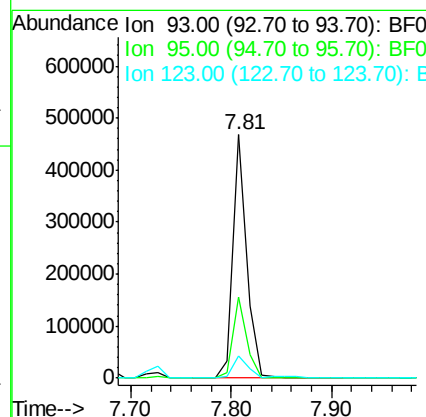
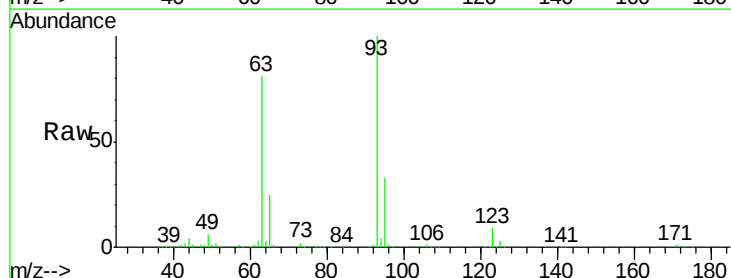
RT: 7.81 min Scan# 518

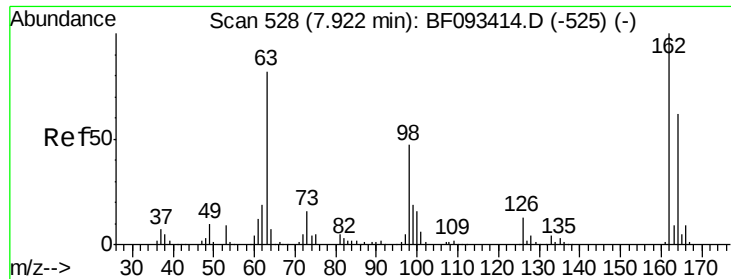
Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tgt Ion:	93	Resp:	448742
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.5	39.7
123	9.1	8.6	13.0





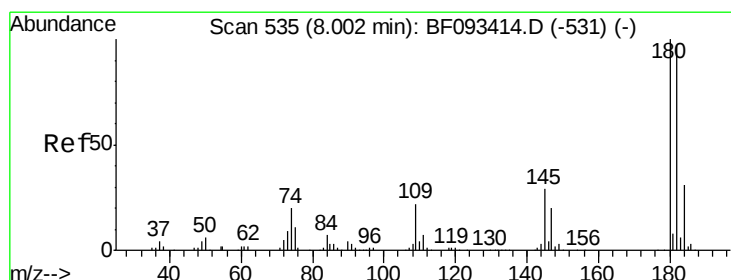
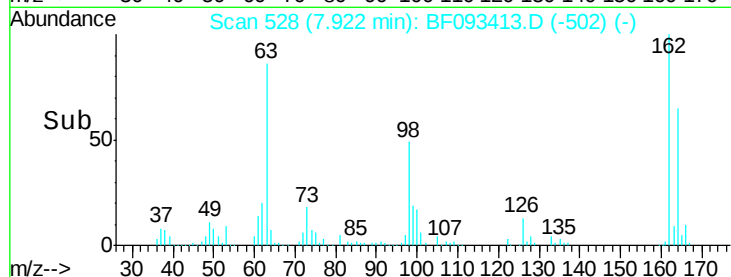
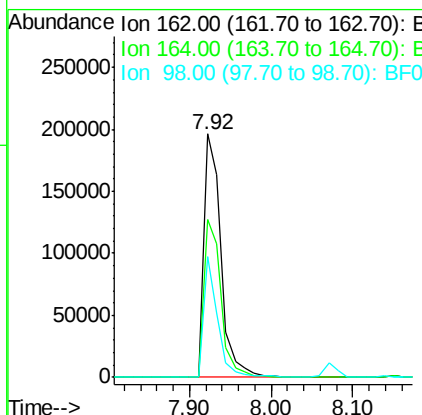
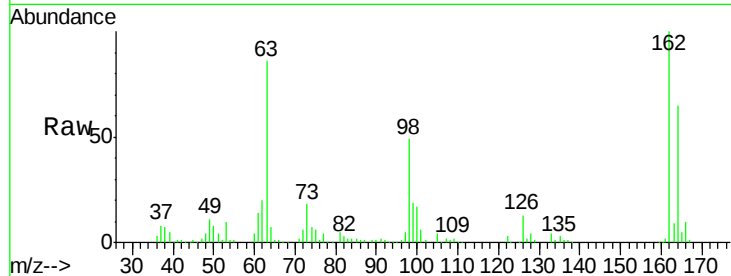
#29
 2,4-Dichlorophenol
 Concen: 25.77 ng
 RT: 7.92 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.8	46.8	86.8
98	49.4	9.1	49.1

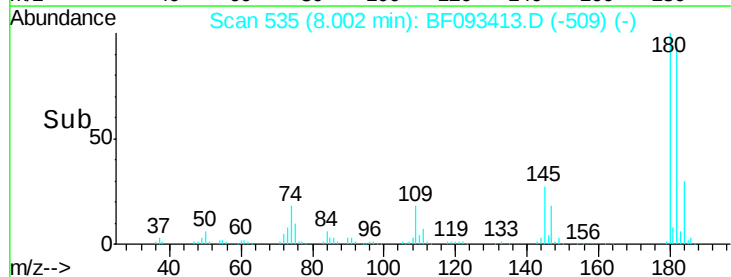
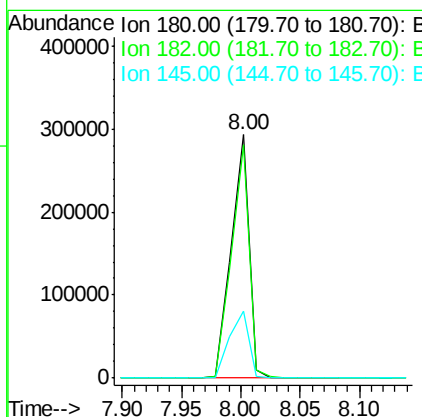
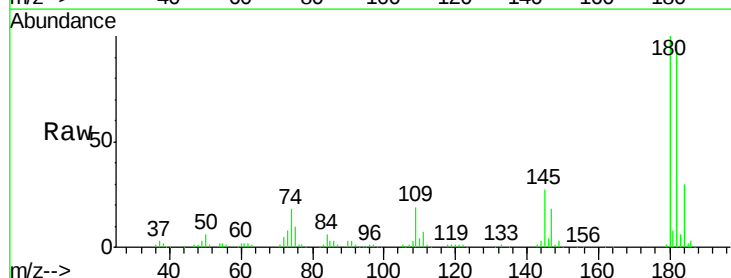
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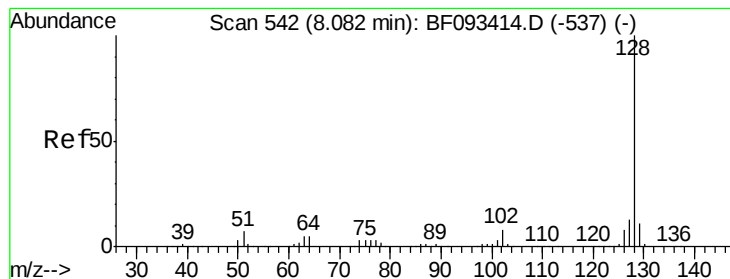
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#30
 1,2,4-Trichlorobenzene
 Concen: 25.27 ng
 RT: 8.00 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.8	78.2	117.4
145	27.3	21.6	32.4





#31

Naphthalene

Concen: 24.38 ng

RT: 8.07 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

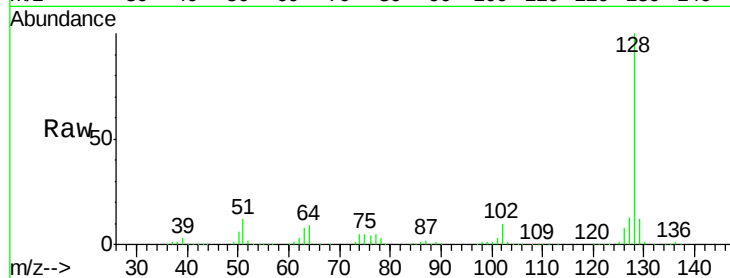
ClientSampled :

SSTDICC025

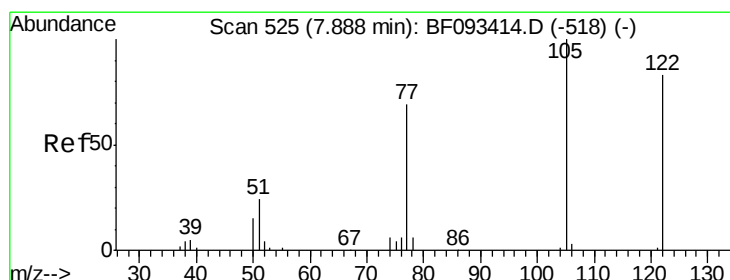
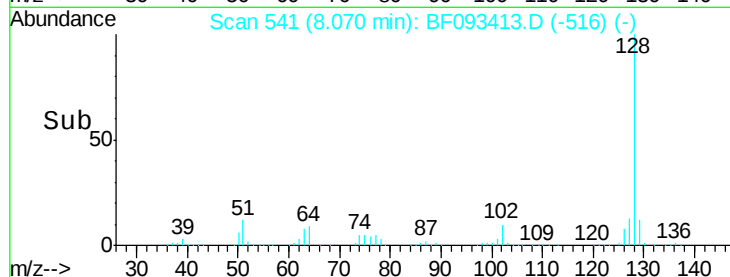
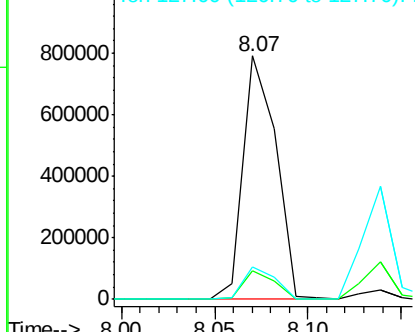
Tot Ion:	128	Resp:	969596
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.5	14.3
127	13.2	10.8	16.2

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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: 22.46 ng

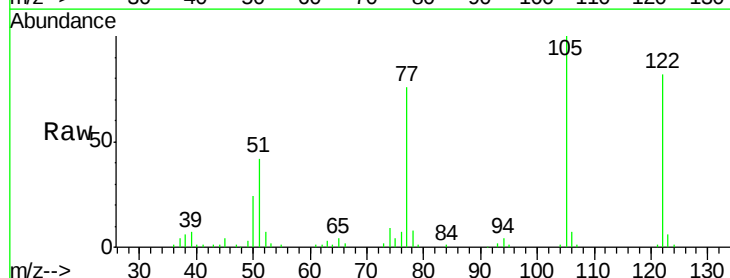
RT: 7.86 min Scan# 523

Delta R.T. -0.02 min

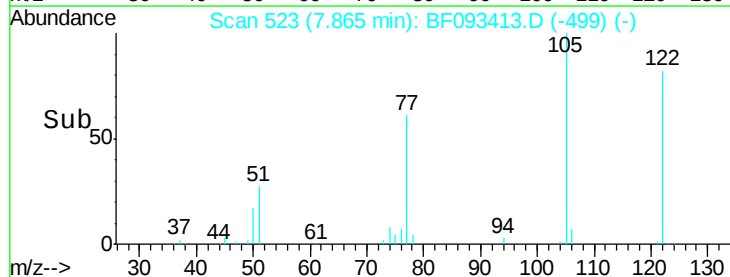
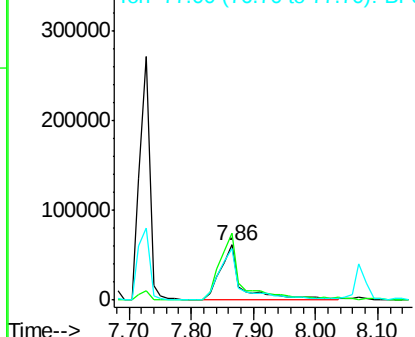
Lab File: BF093413.D

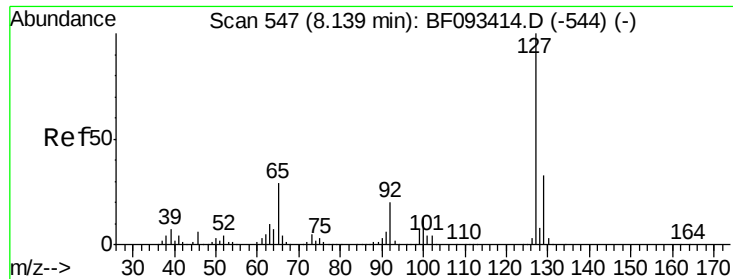
Acq: 7 Mar 2017 11:57

Tgt Ion:	122	Resp:	137599
Ion Ratio	Lower	Upper	
122	100		
105	122.4	107.2	147.2
77	93.5	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





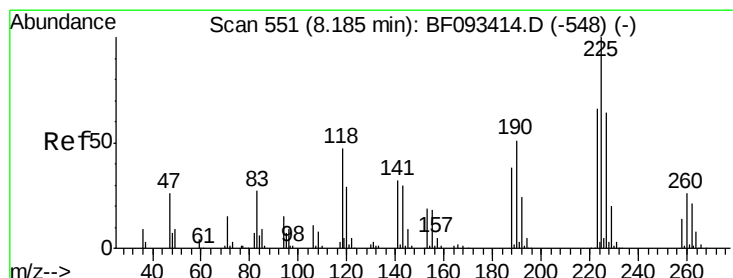
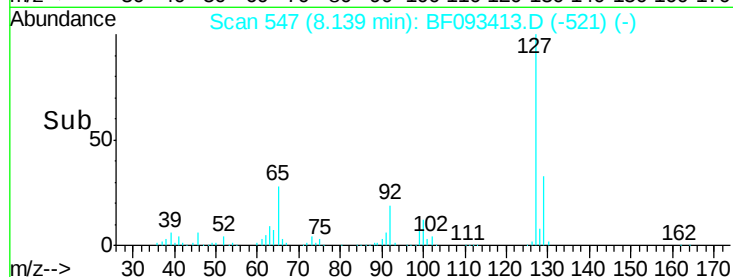
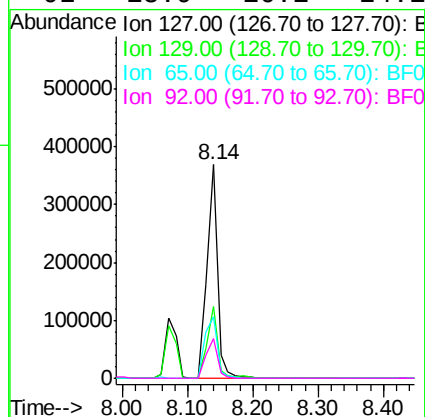
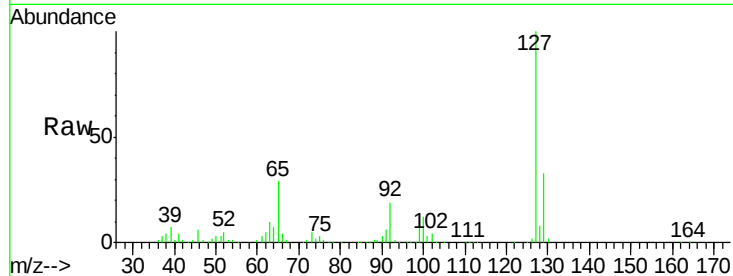
#33
4-Chloroaniline
Concen: 26.26 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		409576		
129	33.3	26.3	39.5		
65	28.5	25.8	38.8		
92	18.9	16.1	24.1		

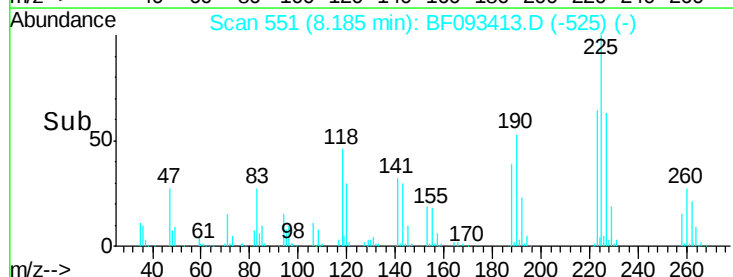
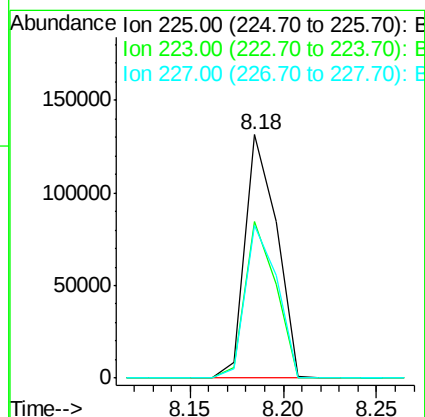
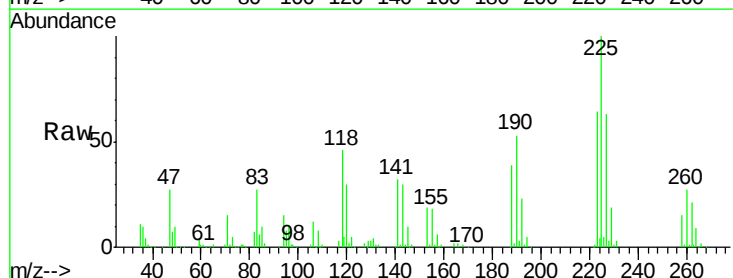
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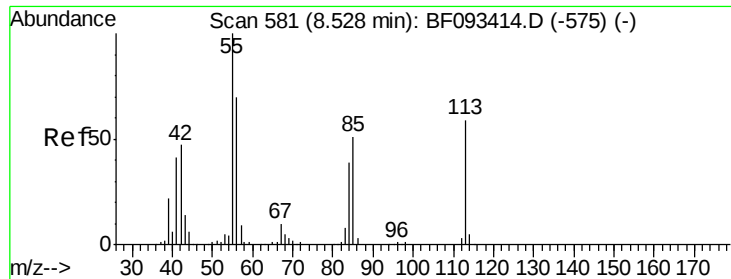
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#34
Hexachlorobutadiene
Concen: 23.12 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		154395		
223	64.3	51.0	76.6		
227	62.7	50.6	76.0		





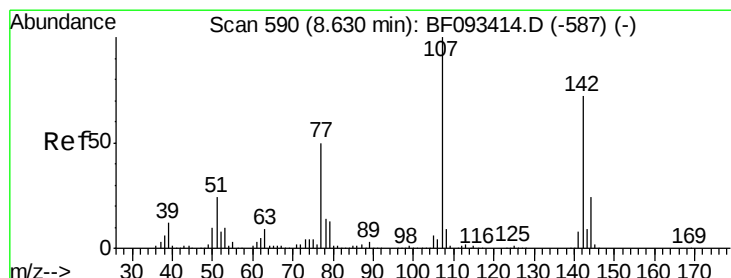
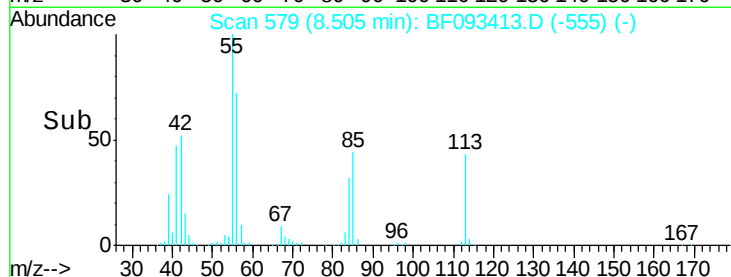
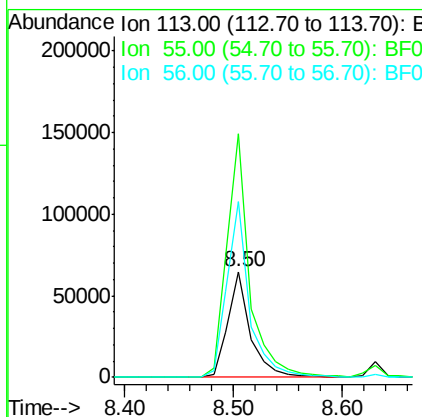
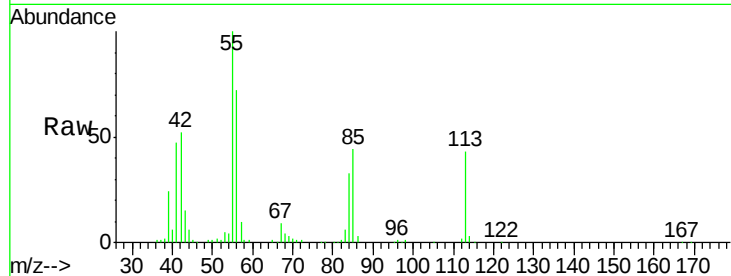
#35
 Caprolactam
 Concen: 26.23 ng
 RT: 8.50 min Scan# 579
 Delta R.T. -0.02 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:113 Resp: 92929
 Ion Ratio Lower Upper
 113 100
 55 230.8 119.2 159.2#
 56 166.1 83.8 123.8#

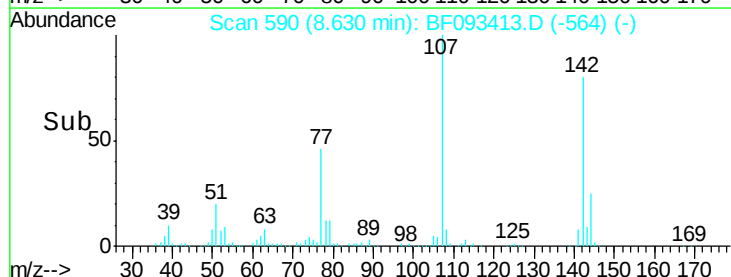
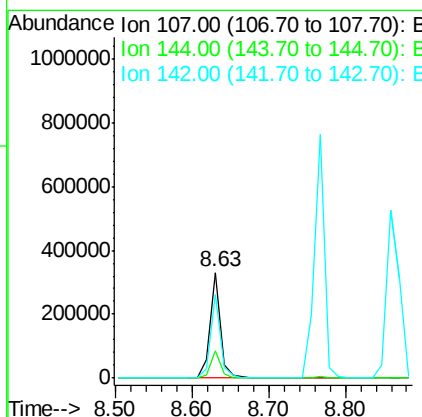
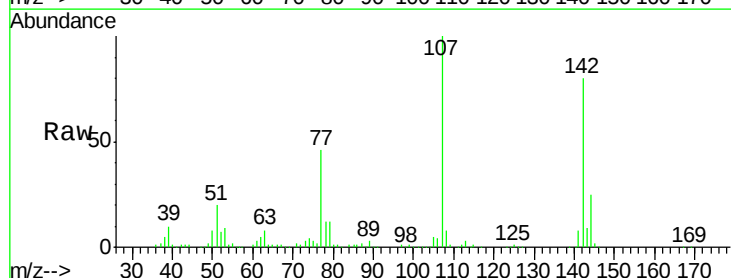
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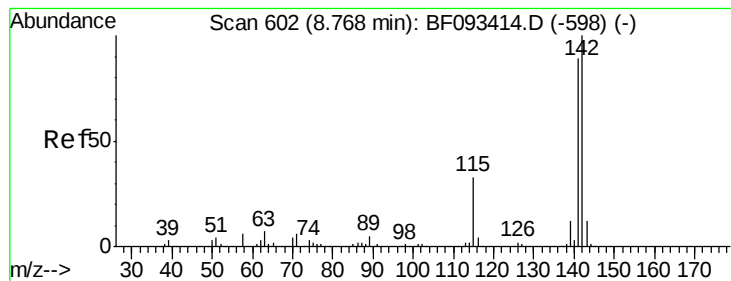
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#36
 4-Chloro-3-methylphenol
 Concen: 26.49 ng
 RT: 8.63 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion:107 Resp: 311081
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.3 28.9
 142 79.8 59.0 88.6





#37

2-Methylnaphthalene

Concen: 26.96 ng

RT: 8.77 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

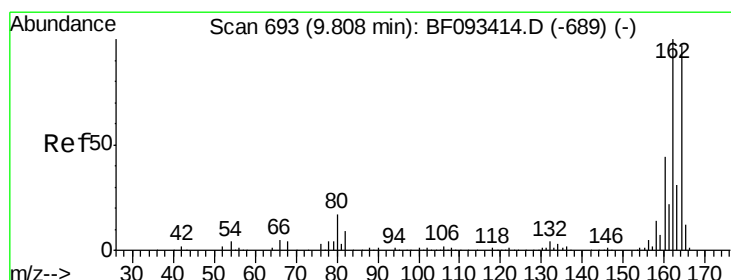
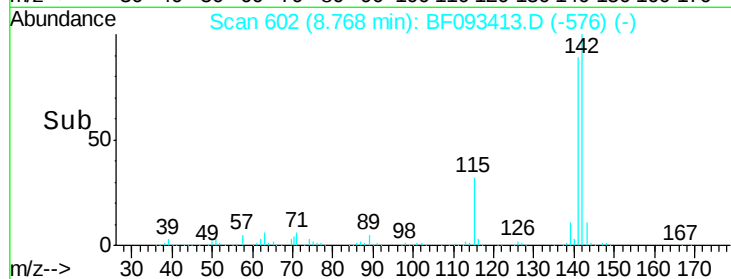
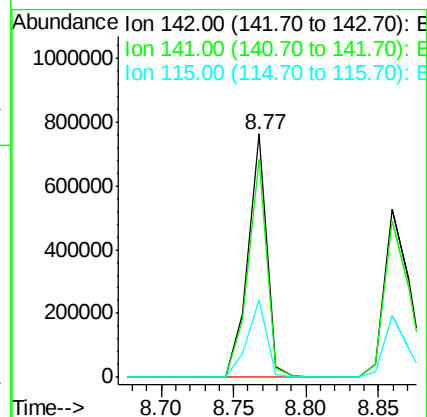
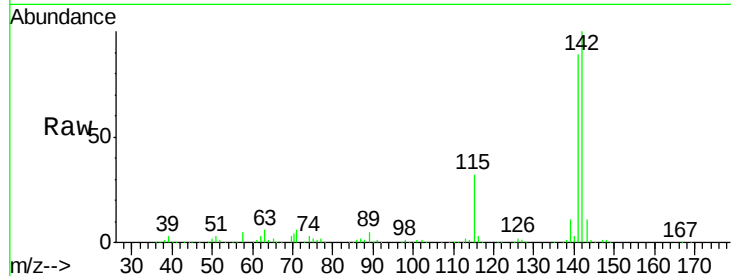
ClientSampleId :

SSTDICC025

Tot Ion:	142	Resp:	688418
Ion Ratio	Lower	Upper	
142	100		
141	89.5	71.0	106.6
115	31.5	28.3	42.5

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#38

Acenaphthene-d10

Concen: 20.00 ng

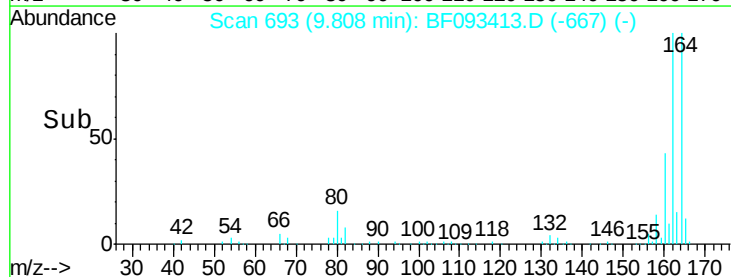
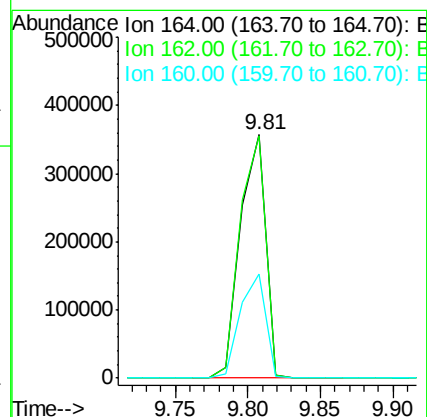
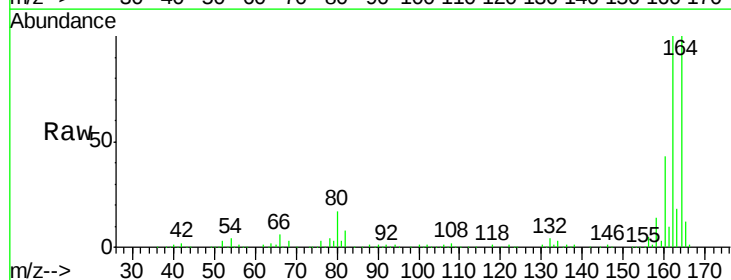
RT: 9.81 min Scan# 693

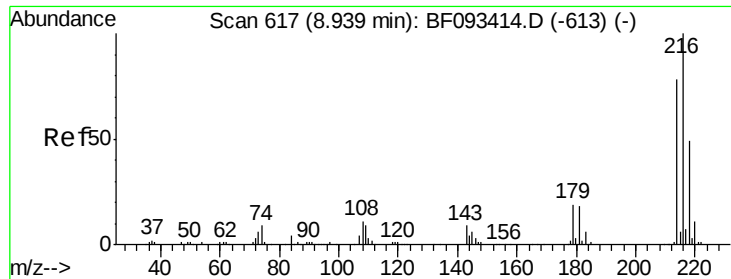
Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tgt Ion:	164	Resp:	432870
Ion Ratio	Lower	Upper	
164	100		
162	99.8	80.2	120.2
160	42.6	36.9	55.3





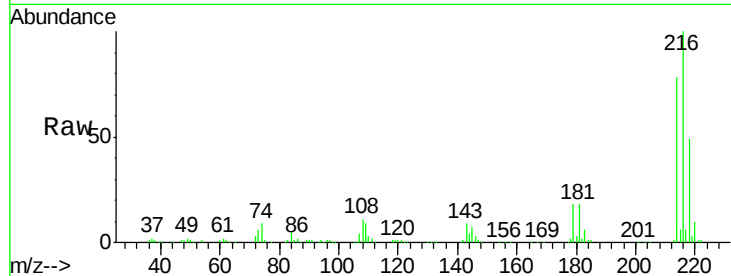
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.98 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

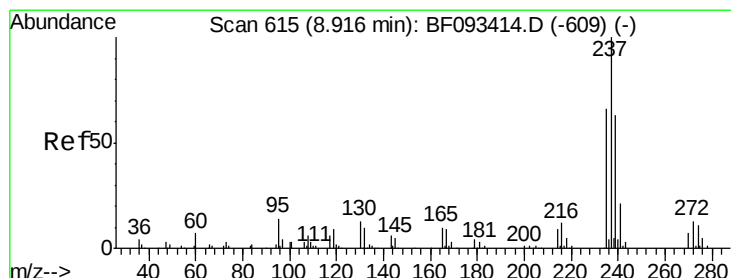
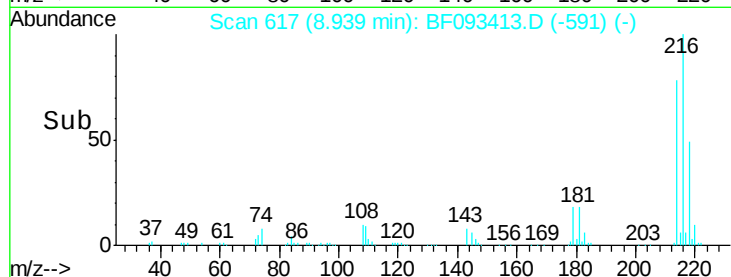
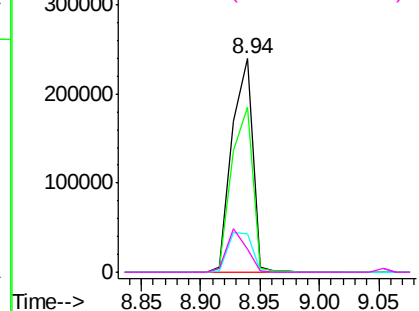
Tot Ion	Ratio	Resp	Lower	Upper
216	100	291422		
214	78.9	63.4	95.0	
179	21.5	17.4	26.2	
108	19.2	15.6	23.4	

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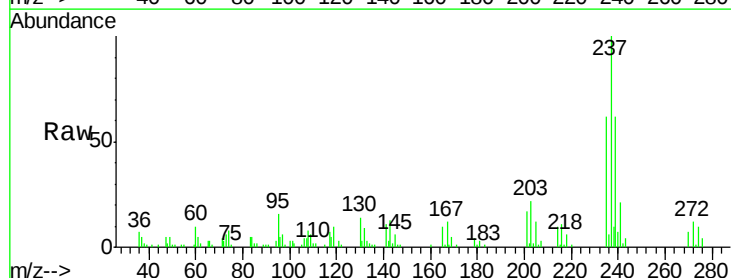


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

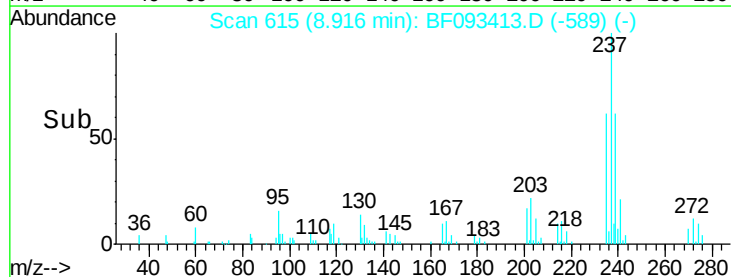
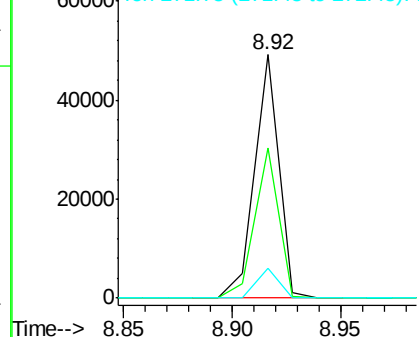


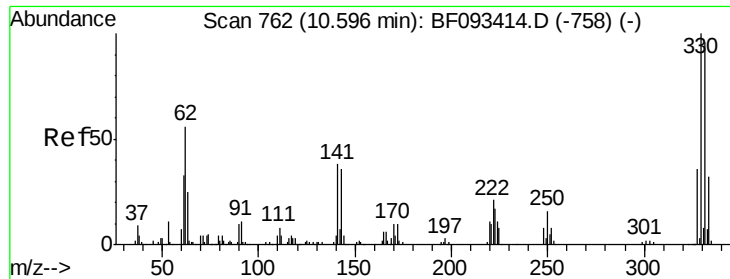
#40
 Hexachlorocyclopentadiene
 Concen: 6.92 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	37945		
235	61.8	41.2	81.2	
272	12.1	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





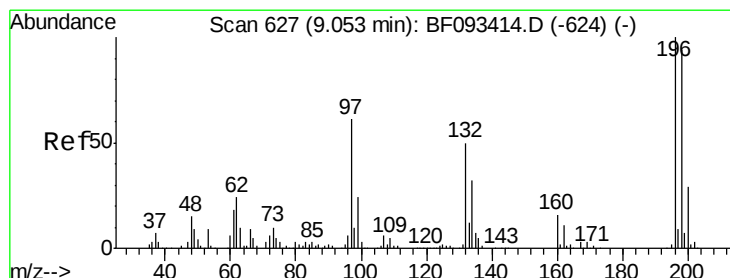
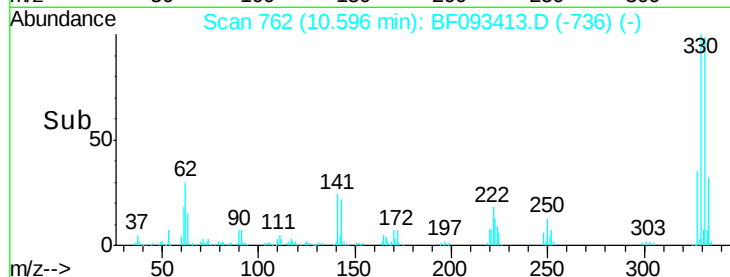
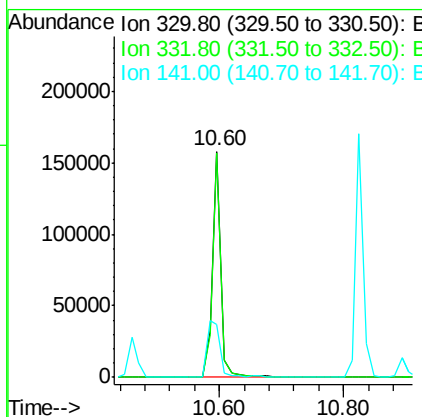
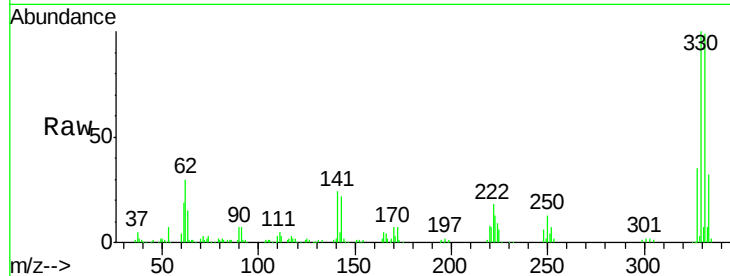
#41
 2,4,6-Tribromophenol
 Concen: 47.47 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
330	100	148633		
332	96.0		77.4	116.2
141	38.5		34.1	51.1

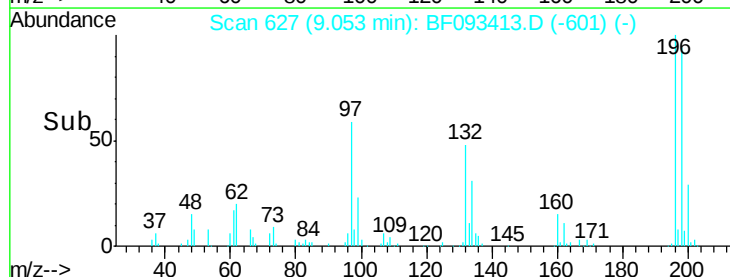
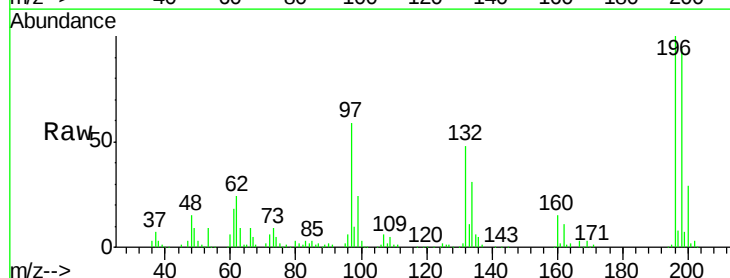
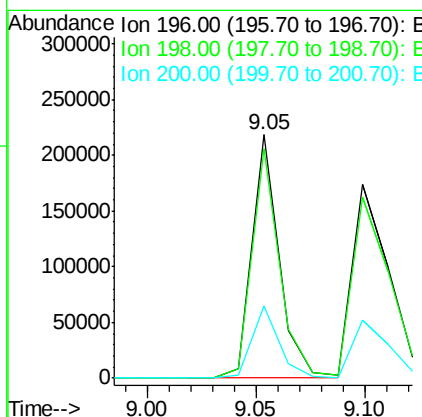
Manual Integrations
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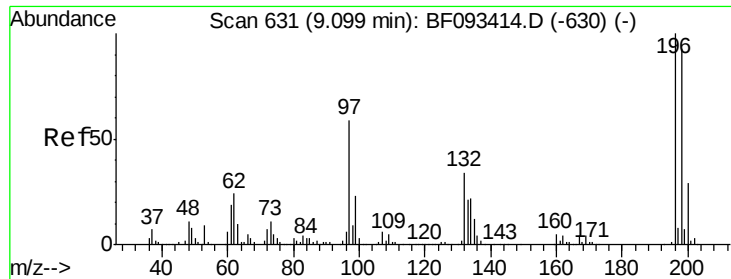
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#42
 2,4,6-Trichlorophenol
 Concen: 23.88 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	190695		
198	94.4		82.1	123.1
200	29.4		27.0	40.4





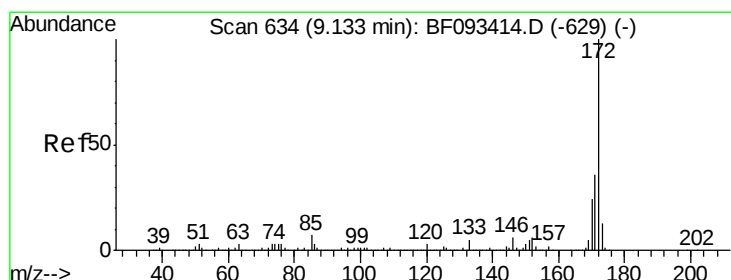
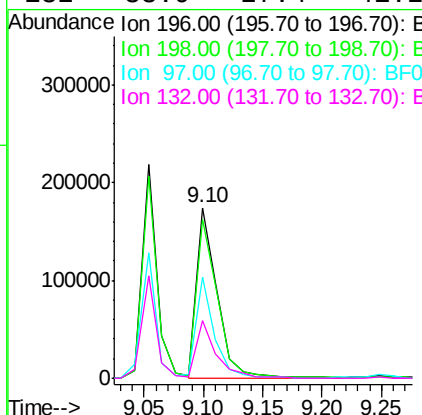
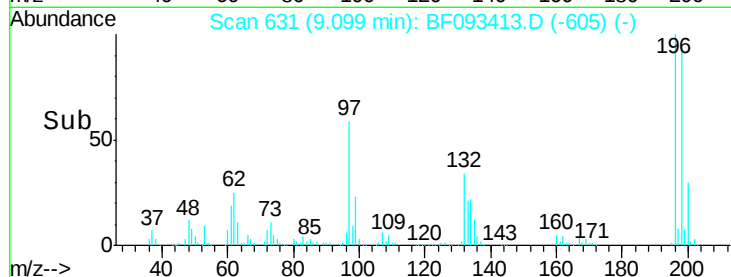
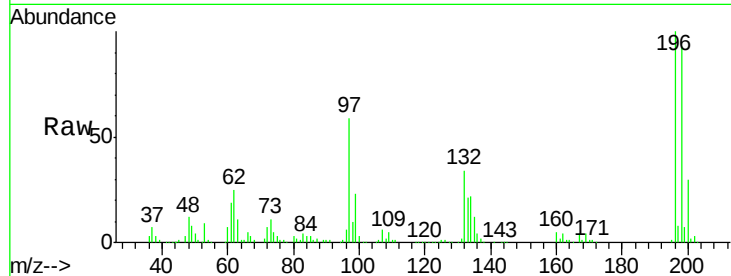
#43
 2,4,5-Trichlorophenol
 Concen: 24.10 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		210816		
198	93.4	79.4	119.2		
97	59.4	51.5	77.3		
132	33.9	27.4	41.2		

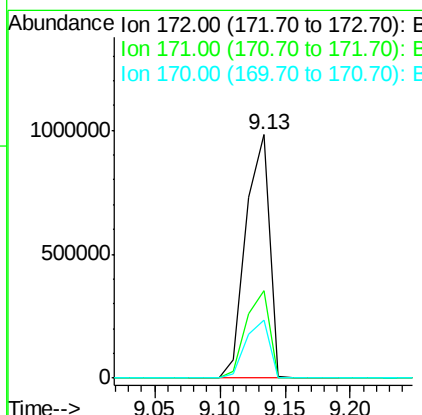
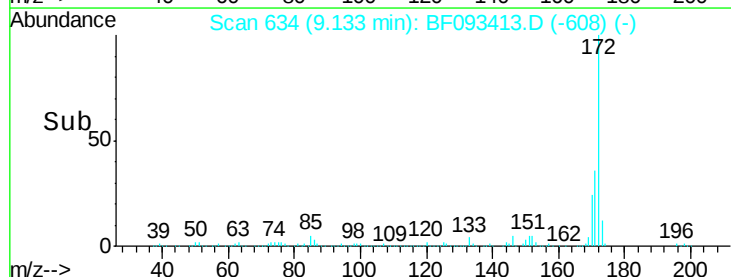
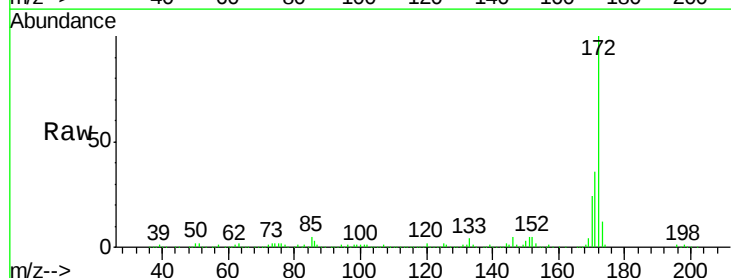
Manual Integrations
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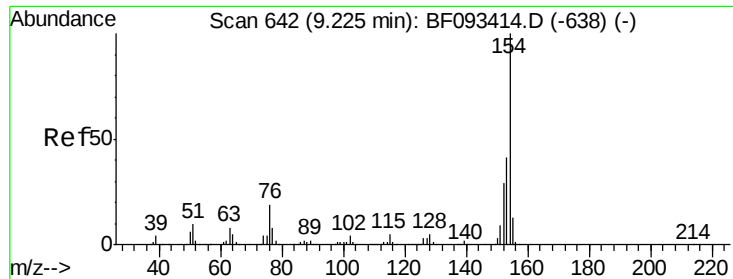
mohammad
 3/8/2017 1:45:22 PM



#44
 2-Fluorobiphenyl
 Concen: 51.59 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1232650		
171	35.9	29.4	44.0		
170	23.9	20.2	30.4		





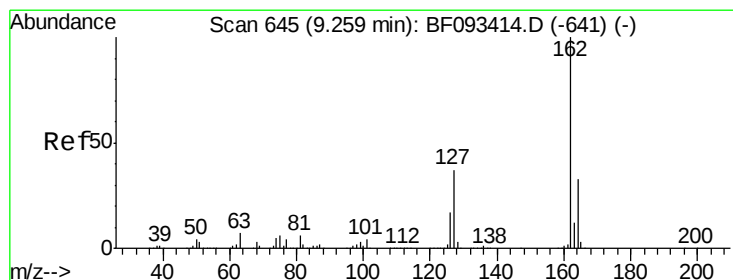
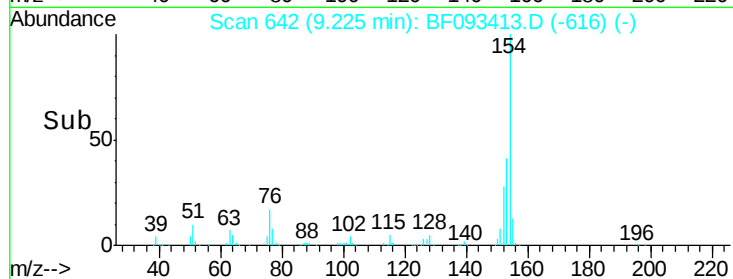
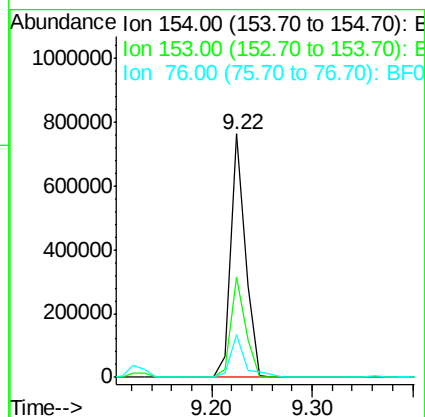
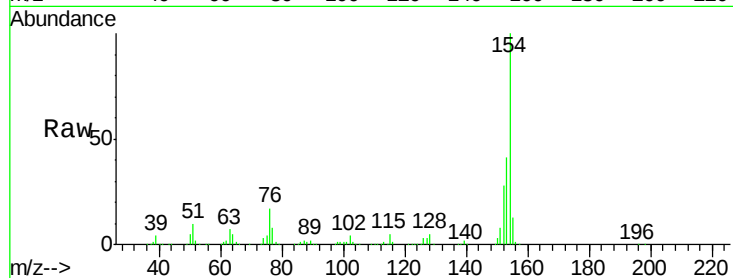
#45
1,1'-Biphenyl
Concen: 24.62 ng
RT: 9.22 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.9	60.9
76	17.4	0.0	30.5

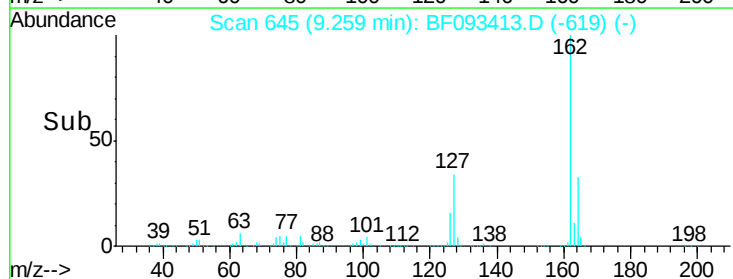
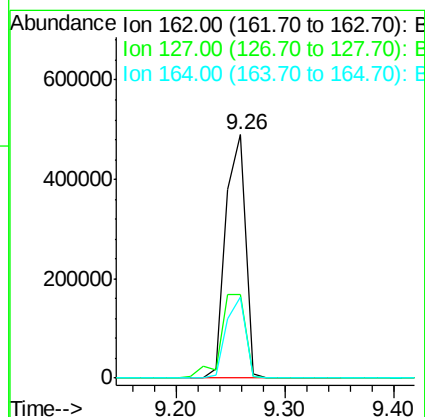
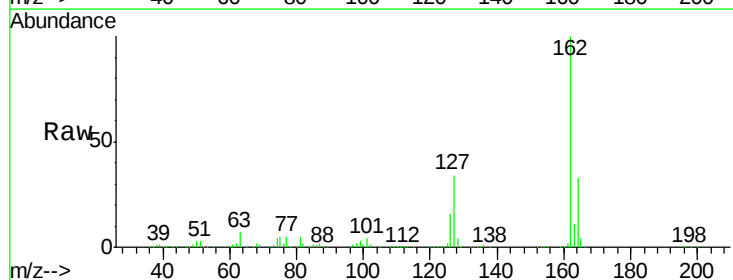
Manual Integrations
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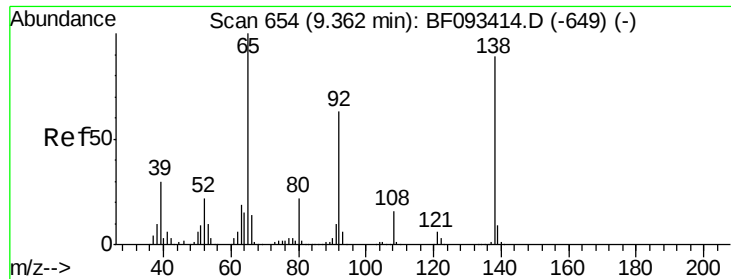
mohammad
3/8/2017 1:45:22 PM



#46
2-Chloronaphthalene
Concen: 25.20 ng
RT: 9.26 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.2	30.7	46.1
164	33.4	27.6	41.4





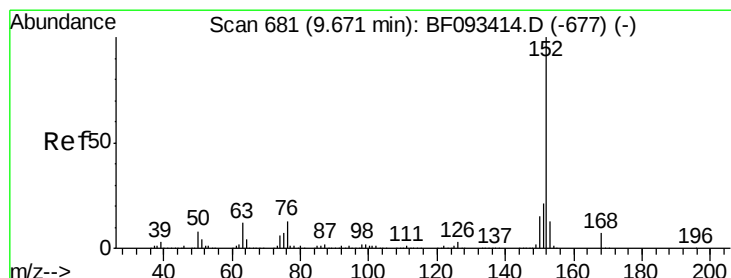
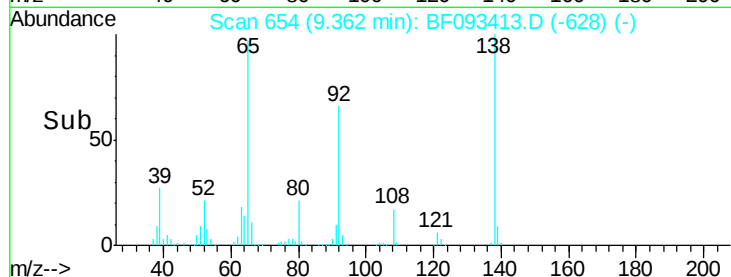
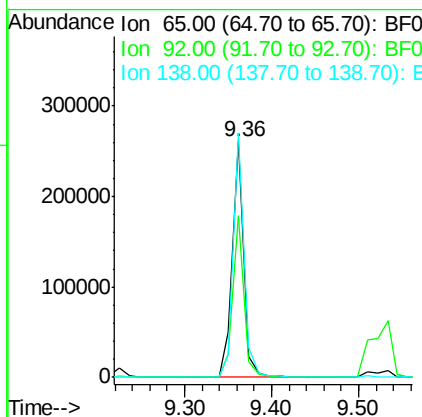
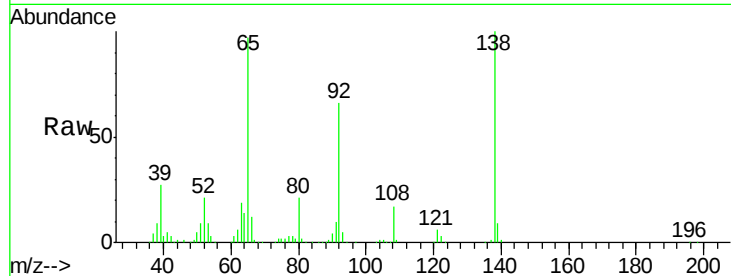
#47
2-Nitroaniline
Concen: 28.72 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.5	53.9	80.9
138	103.3	76.8	115.2

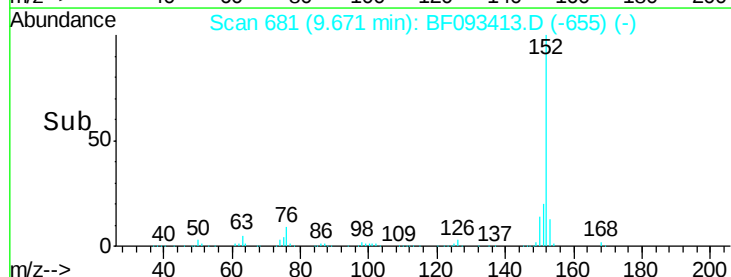
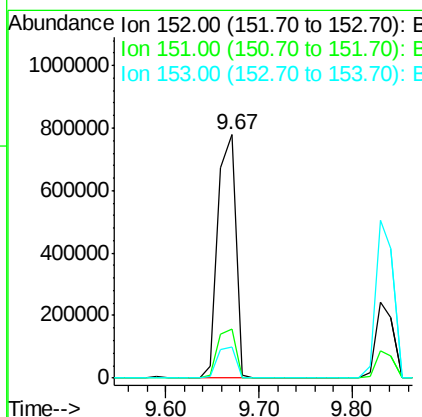
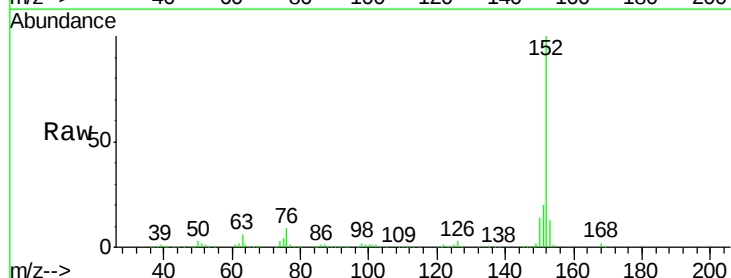
Manual Integrations
APPROVED

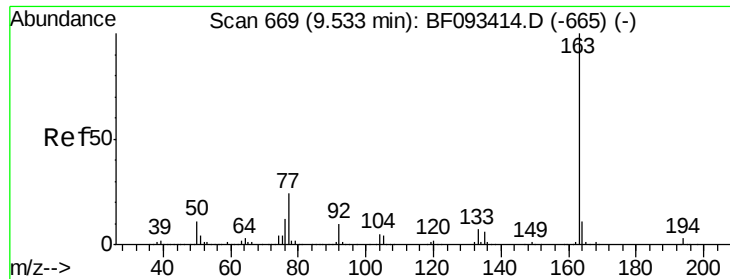
mohammad
3/8/2017 1:45:22 PM



#48
Acenaphthylene
Concen: 24.42 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.9	25.3
153	12.7	11.4	17.2





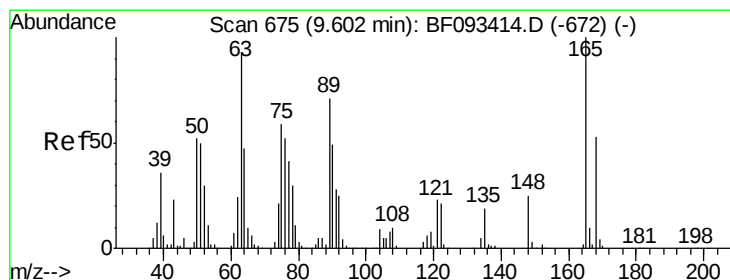
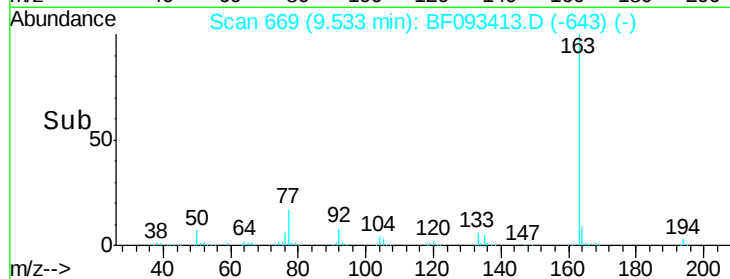
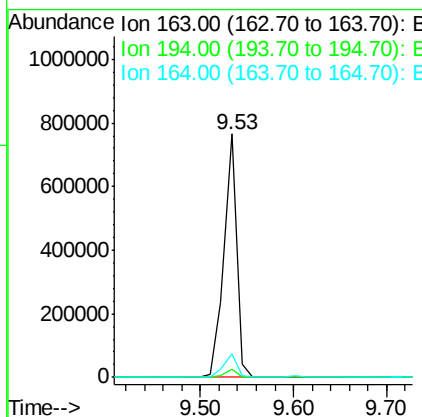
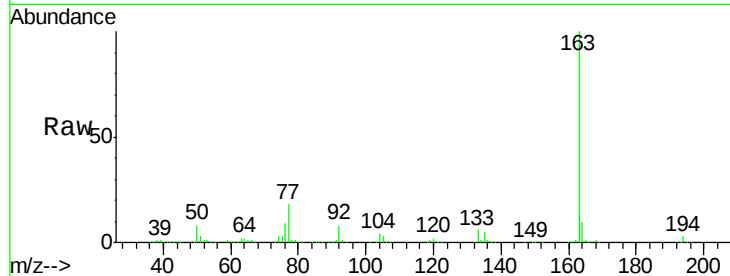
#49
Dimethylphthalate
Concen: 24.87 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
163	100	725045		
194	3.4		3.0	4.4
164	9.8		8.0	12.0

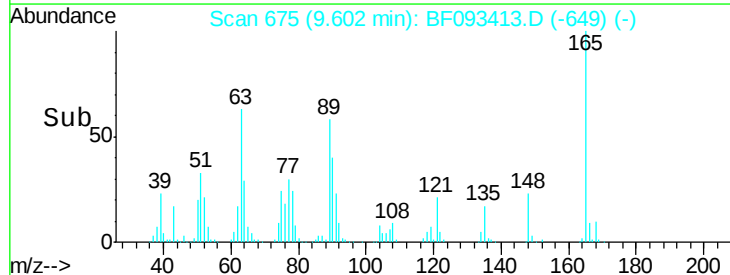
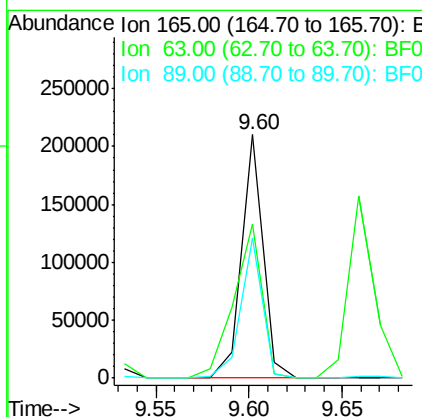
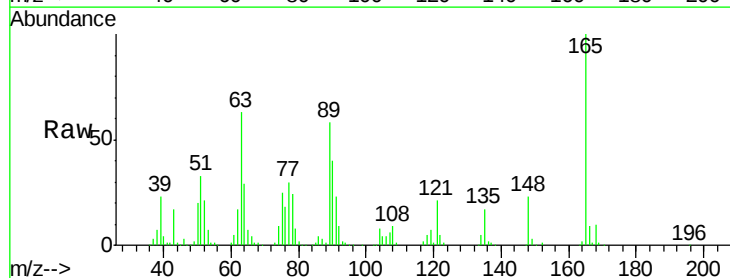
Manual Integrations
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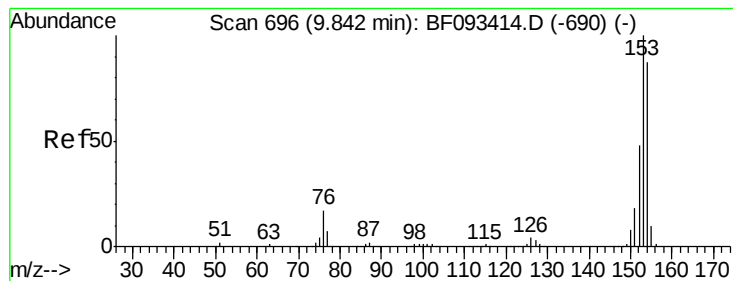
mohammad
3/8/2017 1:45:22 PM



#50
2,6-Dinitrotoluene
Concen: 26.98 ng
RT: 9.60 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	169908		
63	63.3		36.2	54.4#
89	57.7		40.2	60.4





#51

Acenaphthene

Concen: 22.84 ng

RT: 9.83 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

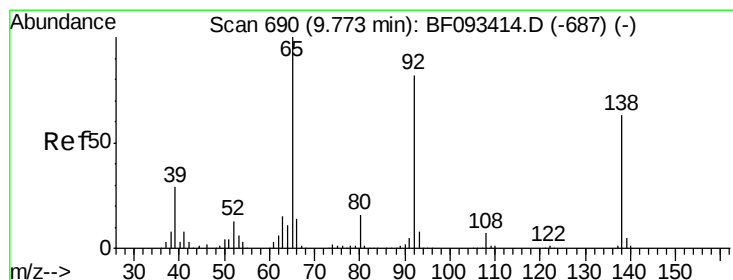
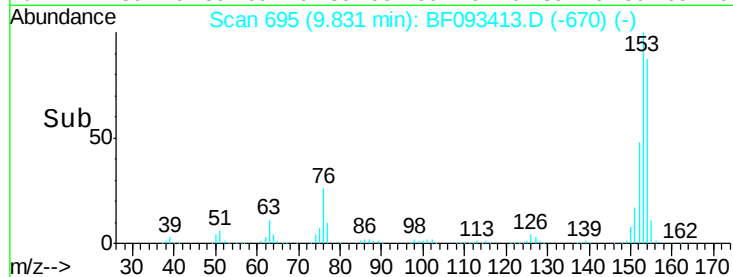
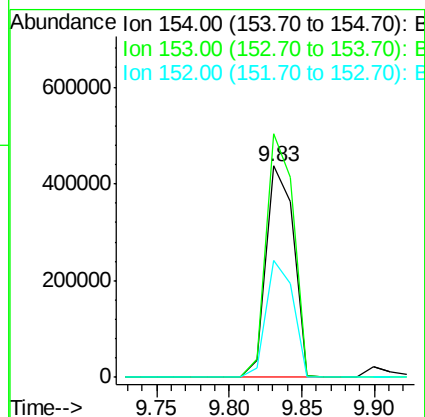
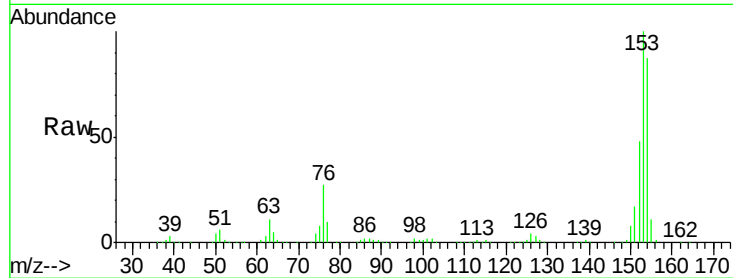
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.1	88.6	133.0
152	55.3	41.6	62.4

Manual Integrations
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mohammad
3/8/2017 1:45:22 PM



#52

3-Nitroaniline

Concen: 28.62 ng

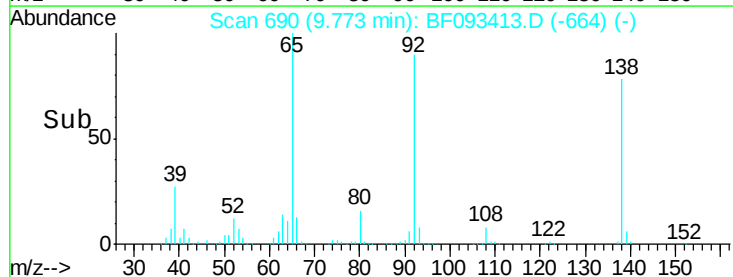
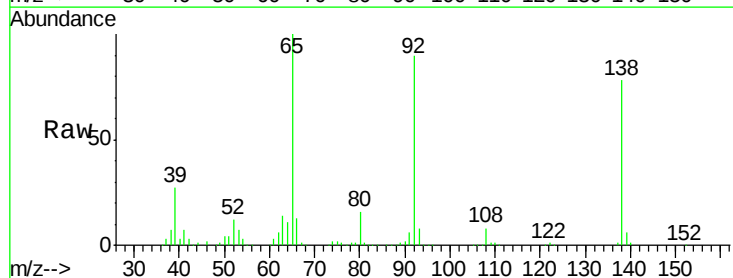
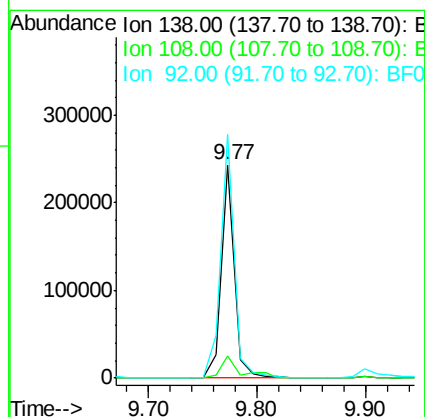
RT: 9.77 min Scan# 690

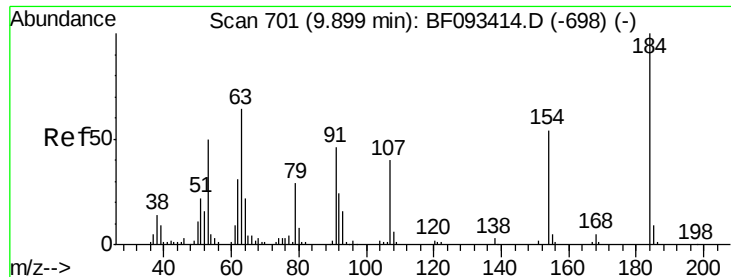
Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.5	12.7
92	114.4	97.8	146.8





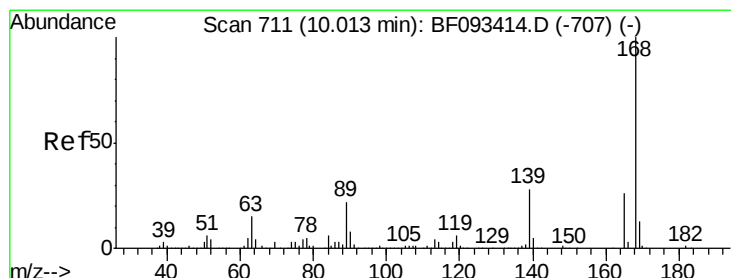
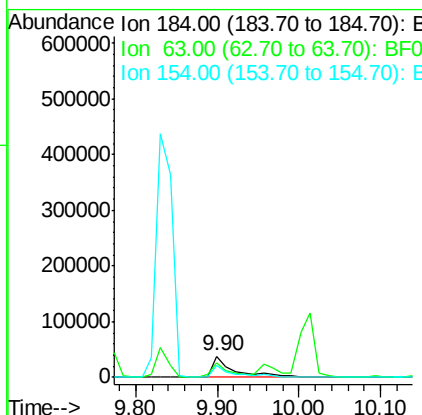
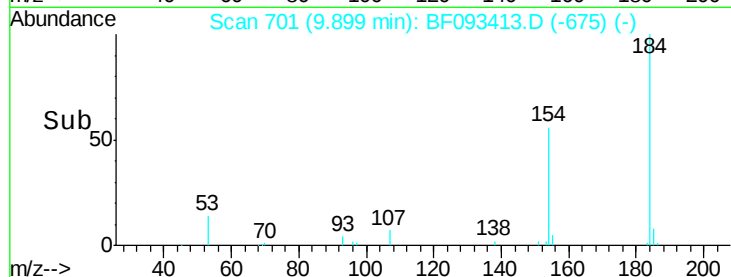
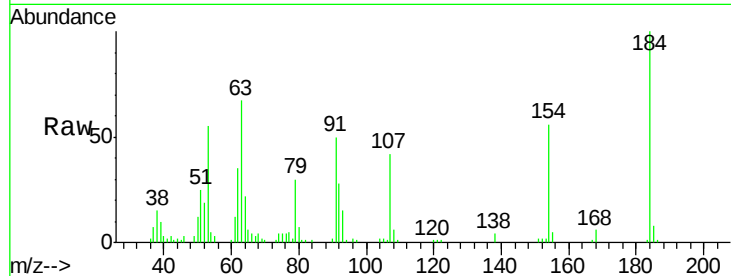
#53
2,4-Dinitrophenol
Concen: 24.79 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	67.2	28.4	42.6	#
154	56.2	44.3	66.5	

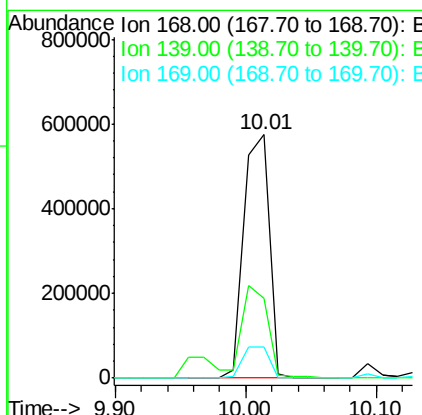
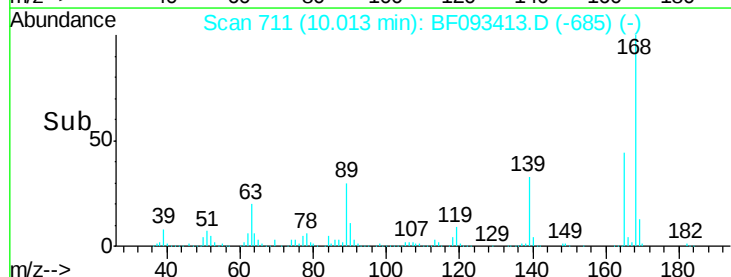
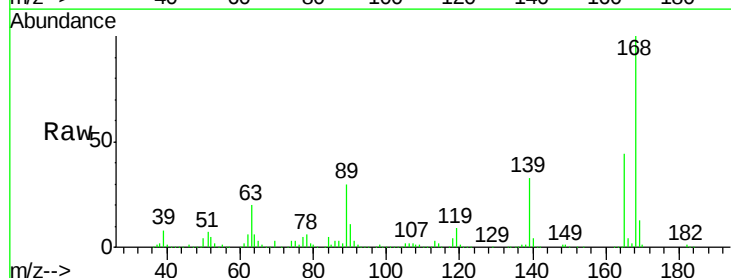
Manual Integrations
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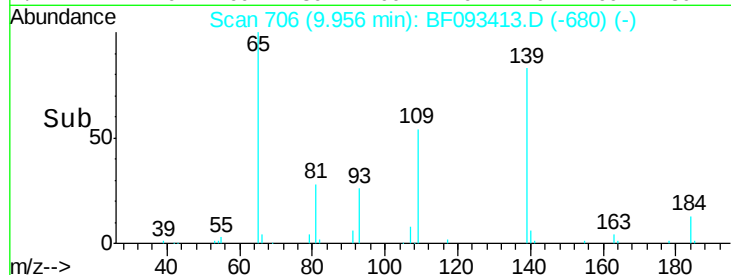
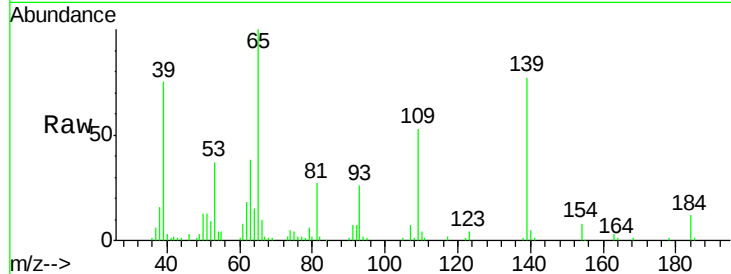
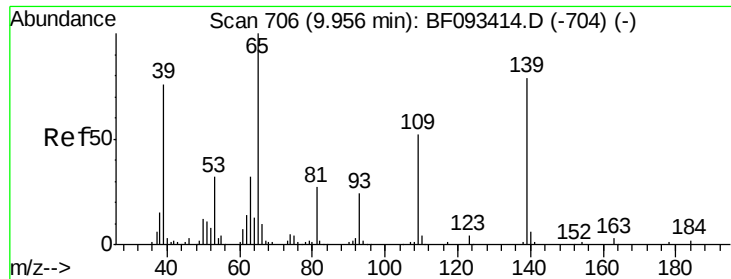
mohammad
3/8/2017 1:45:22 PM



#54
Dibenzofuran
Concen: 22.97 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	32.5	32.6	49.0	#
169	12.8	11.3	16.9	





#55

4-Nitrophenol

Concen: 18.39 ng/mL

RT: 9.96 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tot Ion:	139	Resp:	95429
Ion Ratio	Lower	Upper	
139	100		
109	68.4	52.2	92.2
65	130.1	85.8	125.8

Instrument :

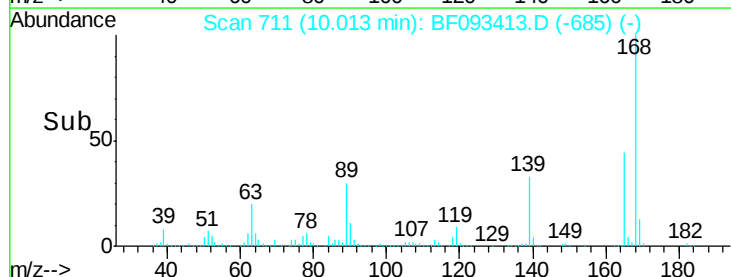
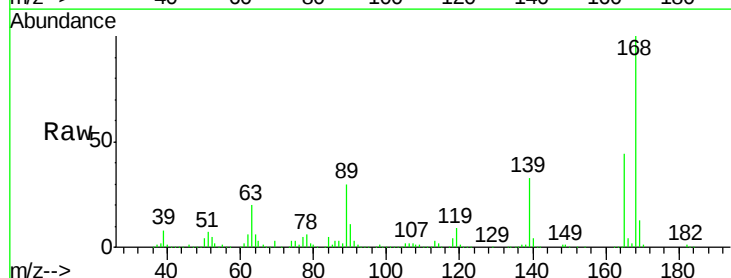
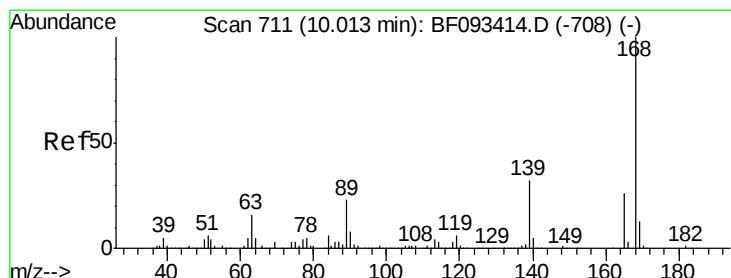
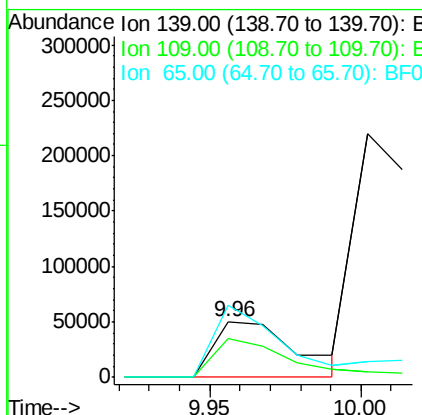
BNA_F

ClientSampleId :

SSTDIC025

Manual Integrations
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mohammad
3/8/2017 1:45:22 PM



#56

2,4-Dinitrotoluene

Concen: 25.57 ng/mL

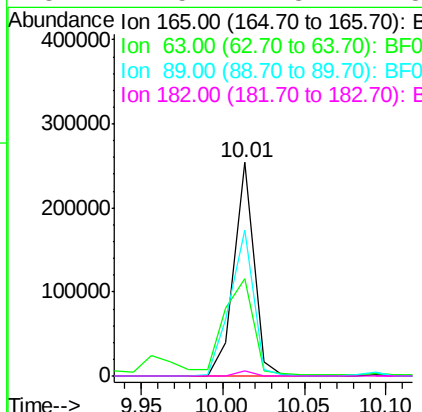
RT: 10.01 min Scan# 711

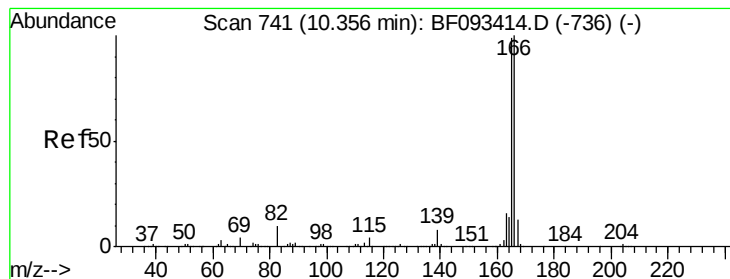
Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tgt Ion:	165	Resp:	214325
Ion Ratio	Lower	Upper	
165	100		
63	45.8	40.2	60.4
89	68.6	62.5	93.7
182	2.5	1.8	2.8





#57

Fluorene

Concen: 24.91 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:166 Resp: 649228

Ion Ratio Lower Upper

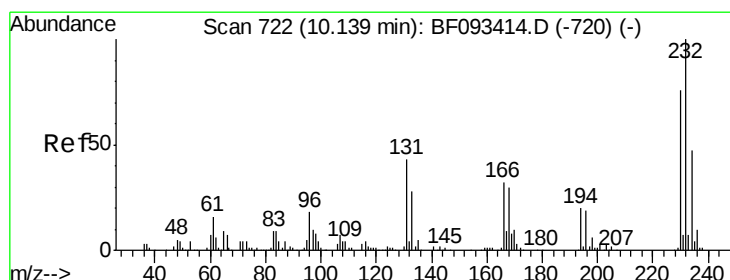
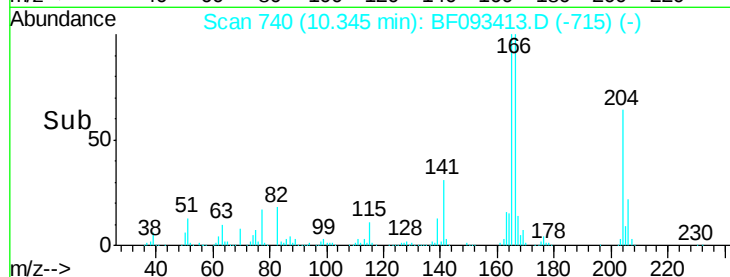
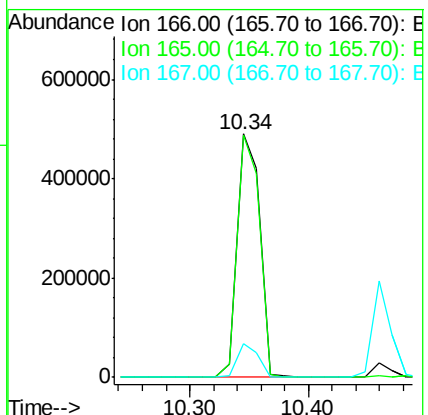
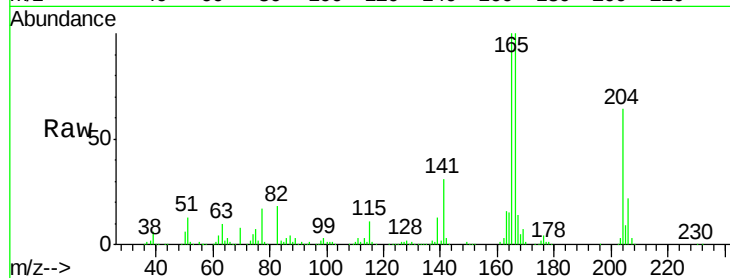
166 100

165 99.7 77.8 116.8

167 13.8 10.8 16.2

Manual Integrations
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3/8/2017 1:45:22 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 24.81 ng

RT: 10.14 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tgt Ion:232 Resp: 144806

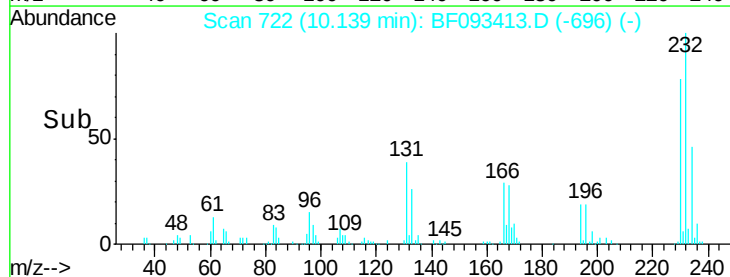
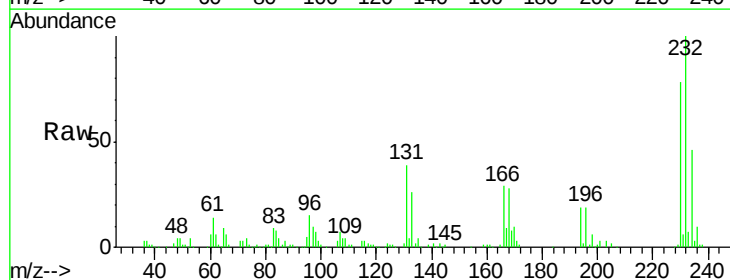
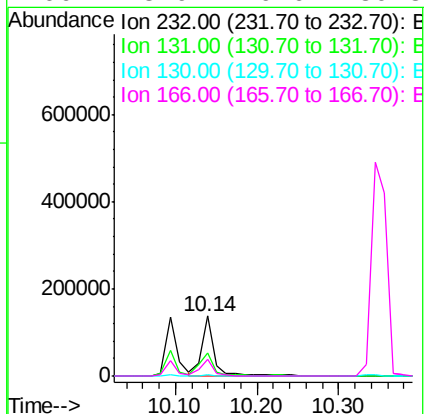
Ion Ratio Lower Upper

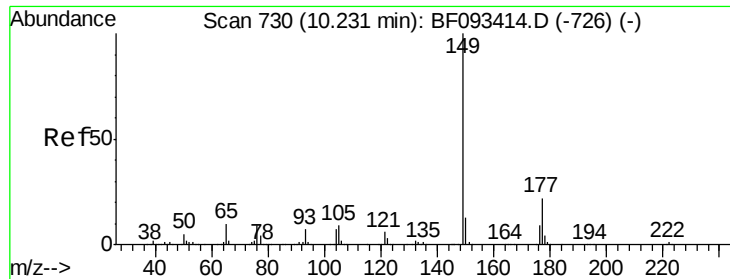
232 100

131 46.4 40.1 60.1

130 2.1 1.8 2.8

166 28.9 26.6 39.8





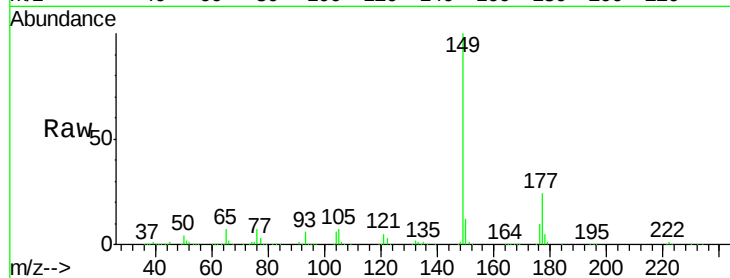
#59
Diethylphthalate
Concen: 25.47 ng
RT: 10.23 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

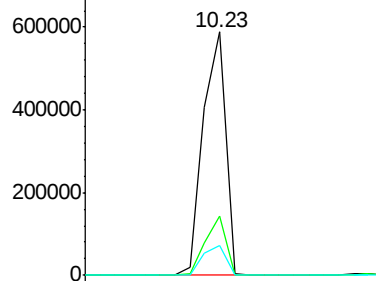
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.5	16.6	25.0
150	12.3	10.4	15.6

Manual Integrations
APPROVED

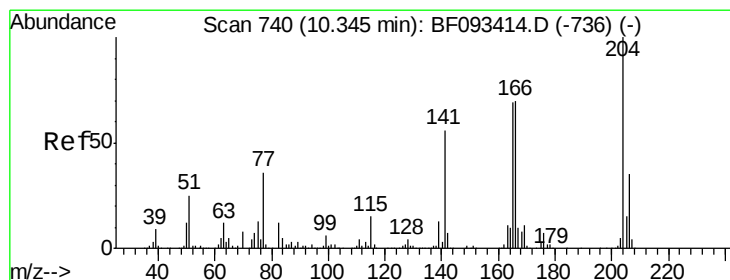
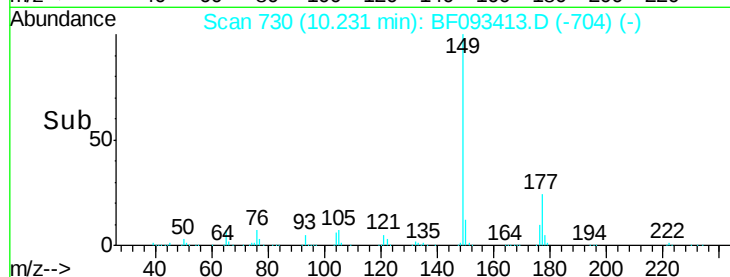
mohammad
3/8/2017 1:45:22 PM



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

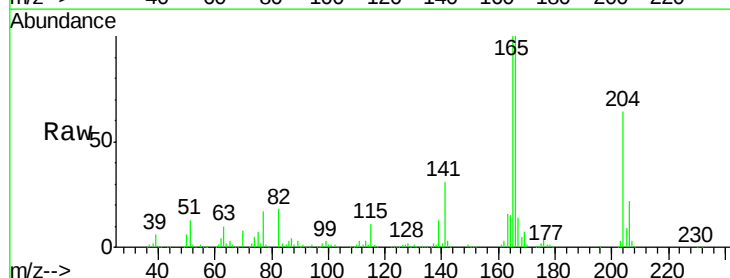


Time-->

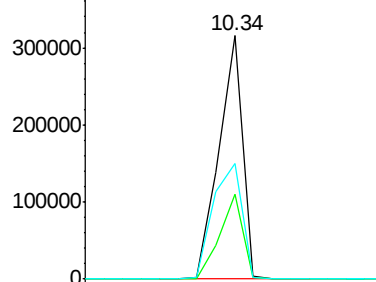


#60
4-Chlorophenyl-phenylether
Concen: 25.26 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

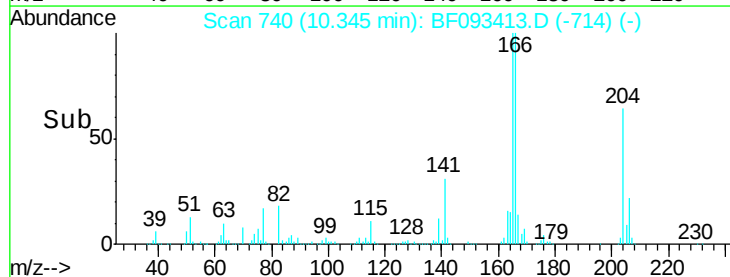
Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	25.8	38.6
141	47.6	59.4	89.0#

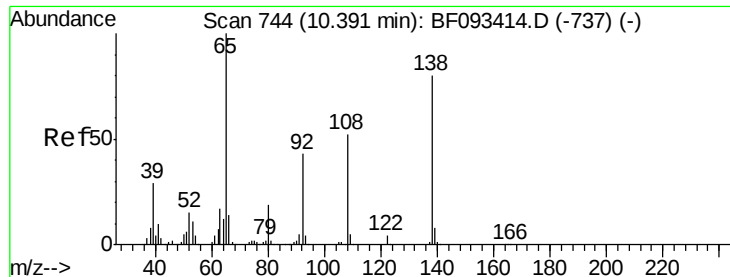


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





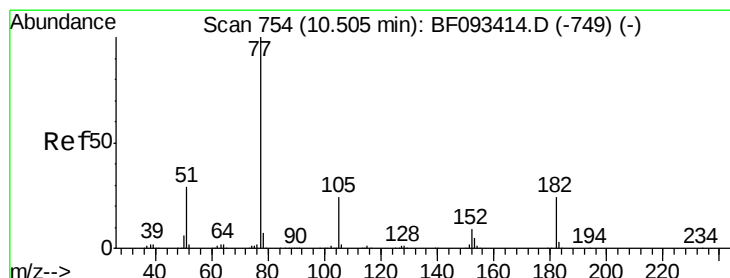
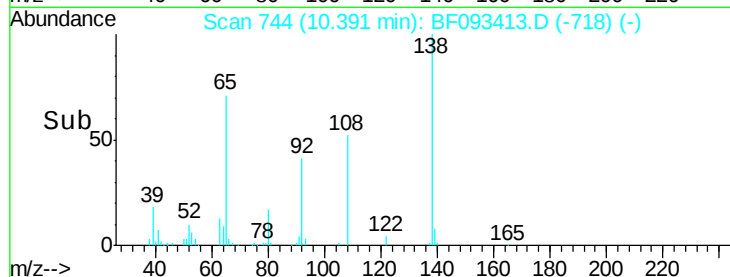
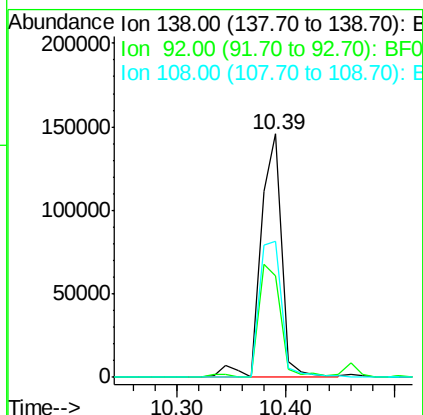
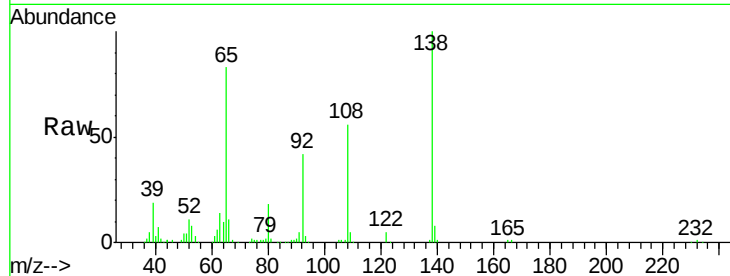
#61
4-Nitroaniline
Concen: 26.49 ng
RT: 10.39 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
138	100		
92	41.6	31.7	71.7
108	55.8	52.6	92.6

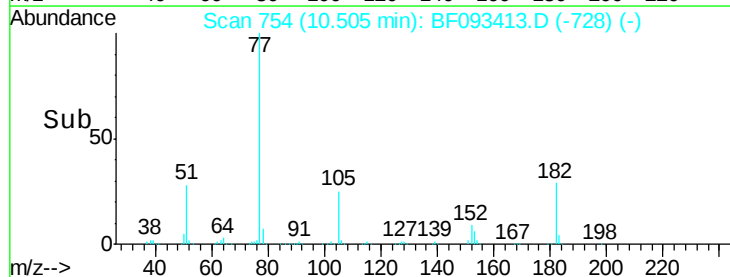
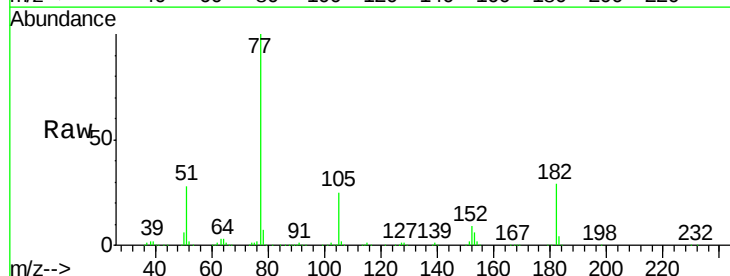
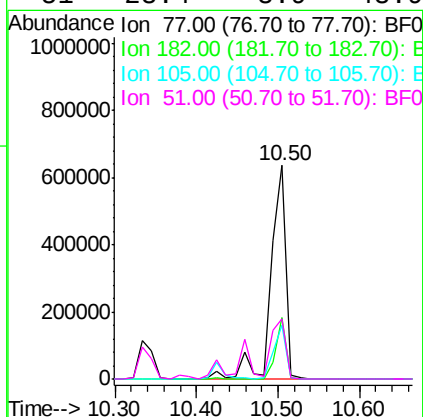
Manual Integrations
APPROVED

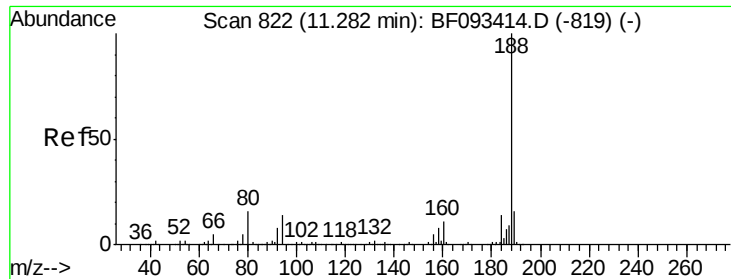
mohammad
3/8/2017 1:45:22 PM



#62
Azobenzene
Concen: 29.21 ng
RT: 10.50 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.7	0.0	39.3
105	25.2	2.3	42.3
51	28.4	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: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

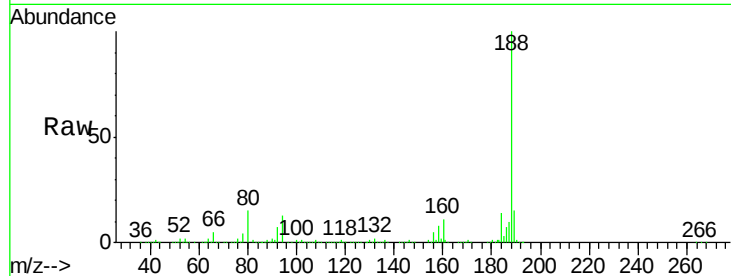
ClientSampleId :

SSTDIC025

Tot Ion:	188	Resp:	671376
Ion Ratio	Lower	Upper	
188	100		
94	13.2	10.0	15.0
80	14.5	11.2	16.8

Manual Integrations
APPROVED

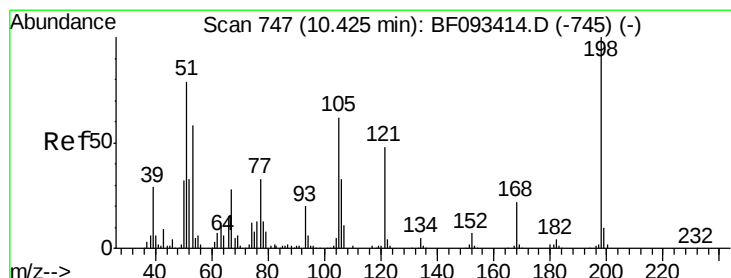
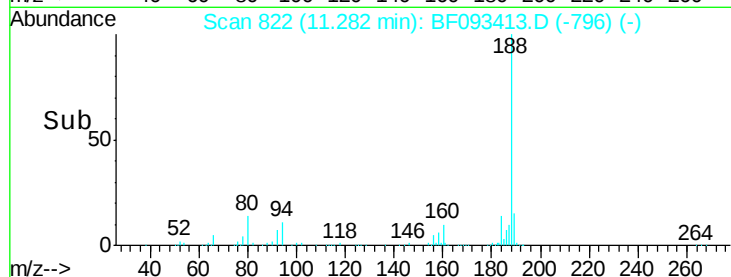
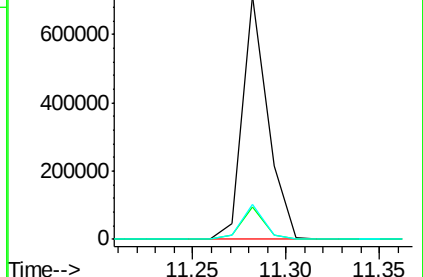
mohammad
3/8/2017 1:45:22 PM



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



#64

4,6-Dinitro-2-methylphenol

Concen: 32.08 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093413.D

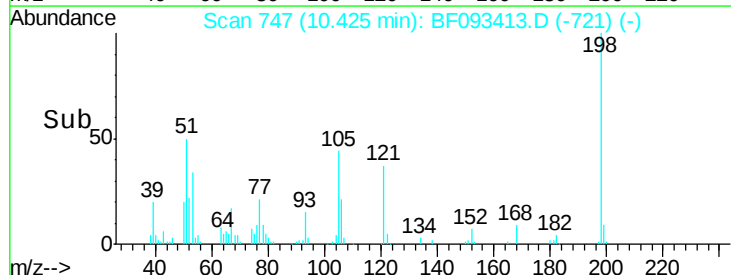
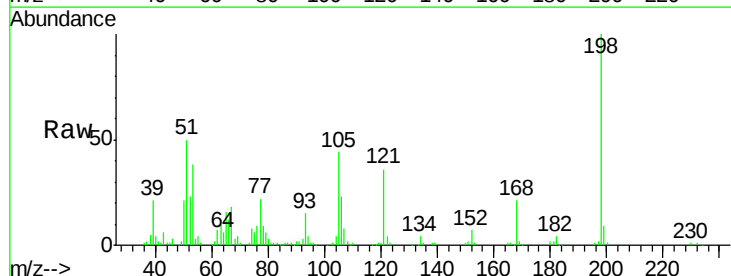
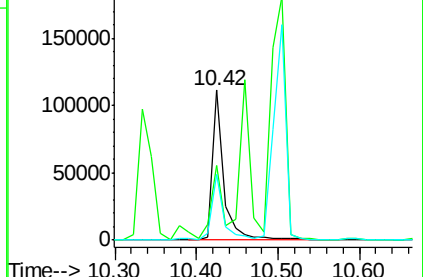
Acq: 7 Mar 2017 11:57

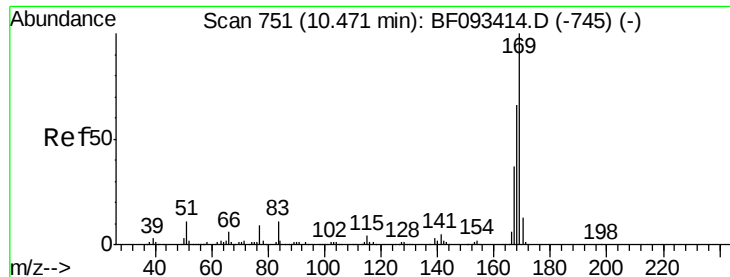
Tgt Ion:	198	Resp:	111449
Ion Ratio	Lower	Upper	
198	100		
51	49.9	6.7	46.7#
105	43.6	16.6	56.6

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





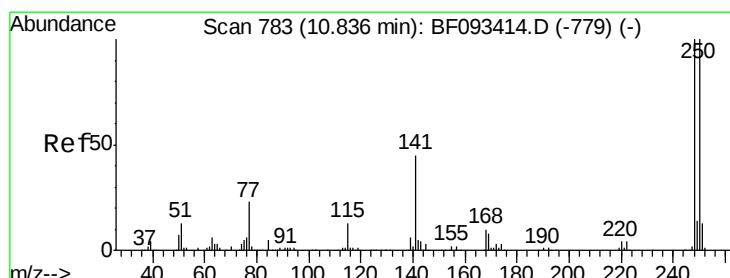
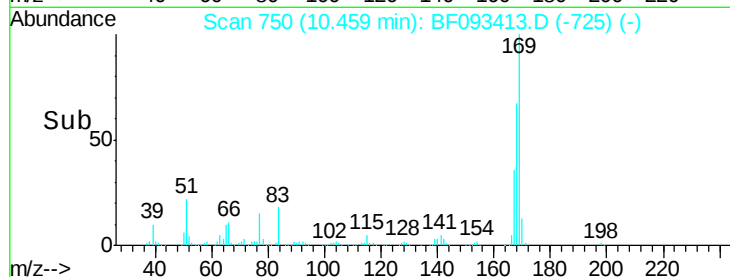
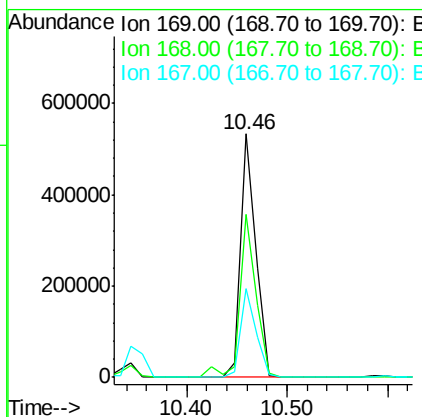
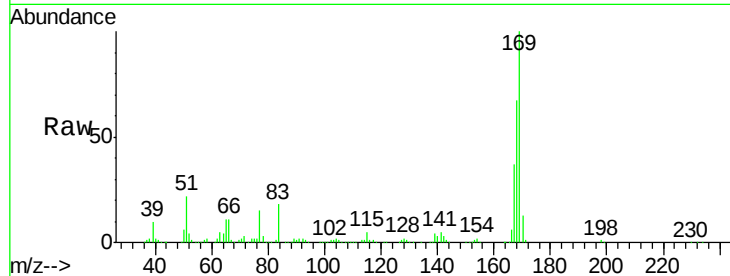
#65
n-Nitrosodiphenylamine
Concen: 26.06 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
169	100	559000		
168	67.1		54.2	81.2
167	36.6		30.2	45.4

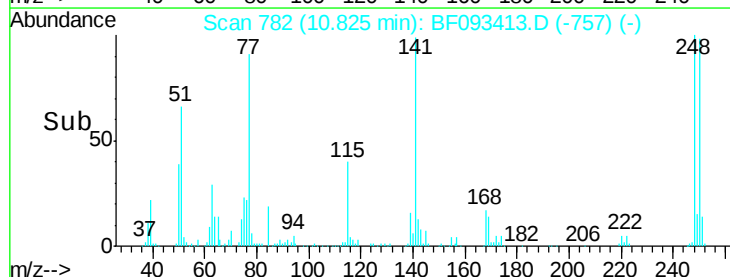
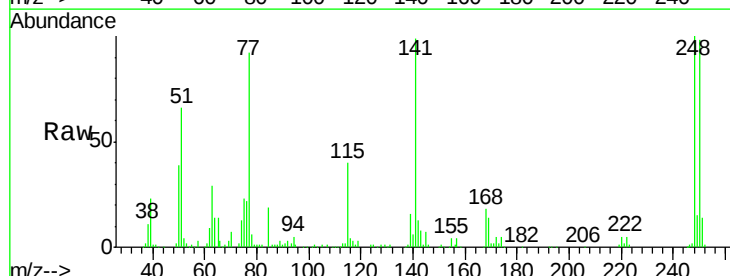
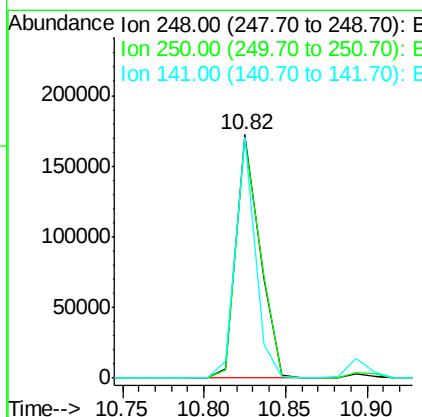
Manual Integrations
APPROVED

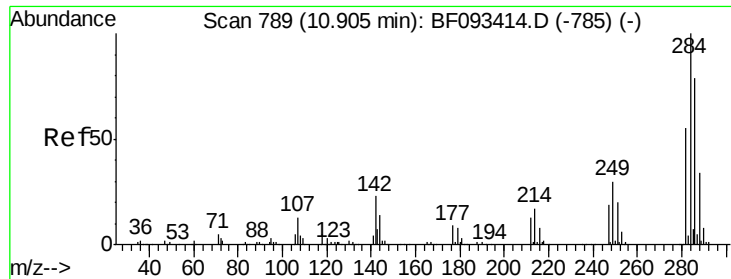
mohammad
3/8/2017 1:45:22 PM



#66
4-Bromophenyl-phenylether
Concen: 24.59 ng
RT: 10.82 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	172490		
250	98.3		76.9	115.3
141	98.8		68.2	102.4





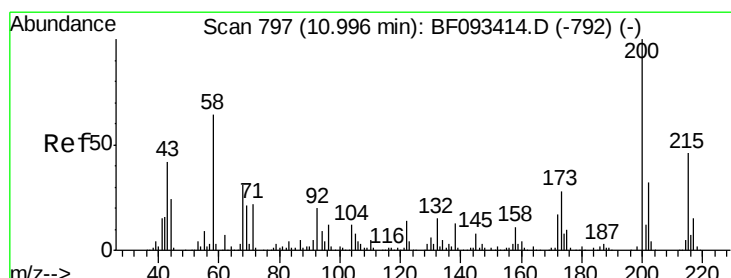
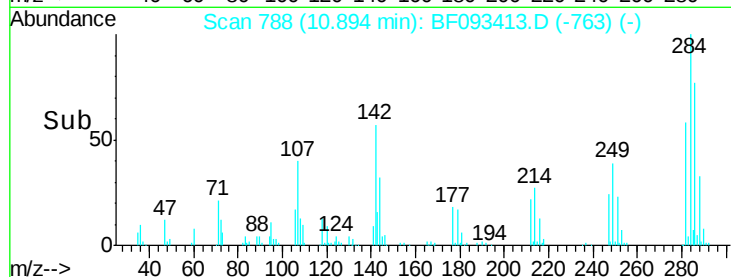
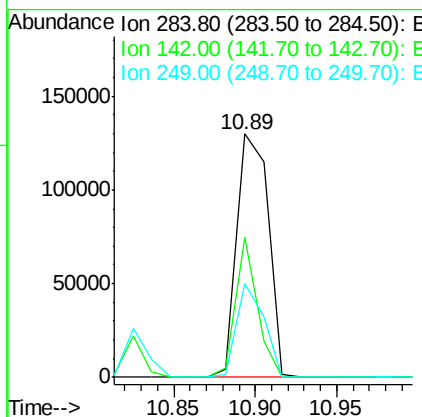
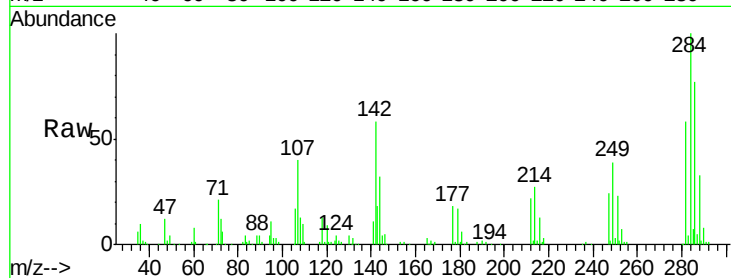
#67
Hexachlorobenzene
Concen: 24.85 ng
RT: 10.89 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
284	100		
142	57.5	22.6	33.8#
249	38.8	25.4	38.0#

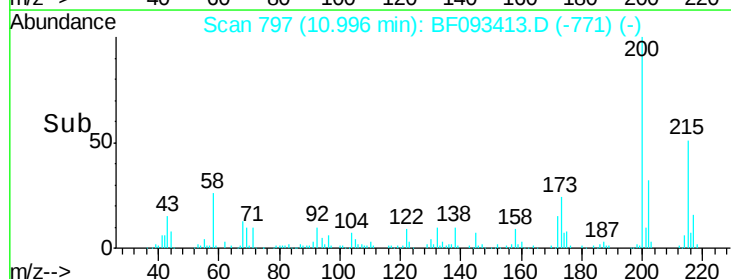
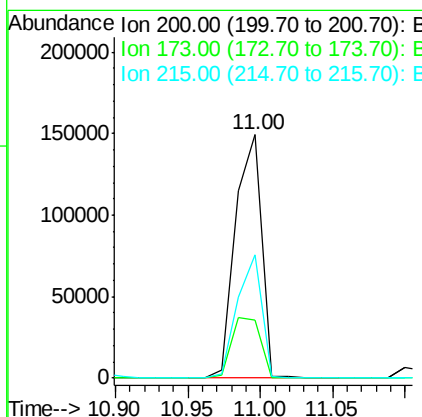
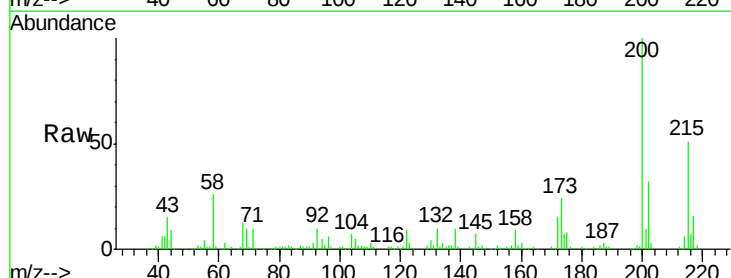
Manual Integrations
APPROVED

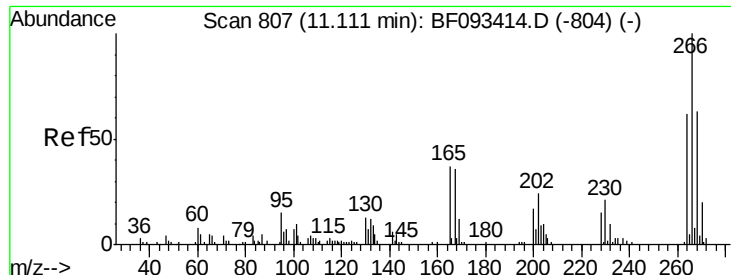
mohammad
3/8/2017 1:45:22 PM



#68
Atrazine
Concen: 27.07 ng
RT: 11.00 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.8	9.6	49.6
215	50.6	25.7	65.7





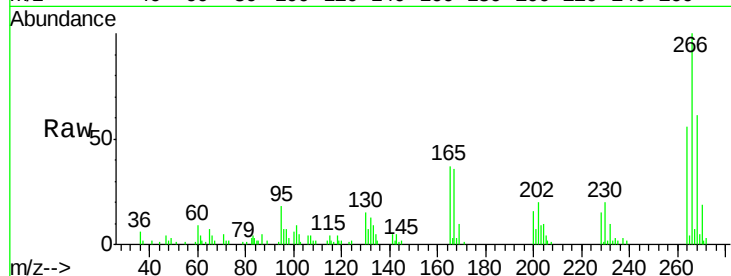
#69
 Pentachlorophenol
 Concen: 19.21 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

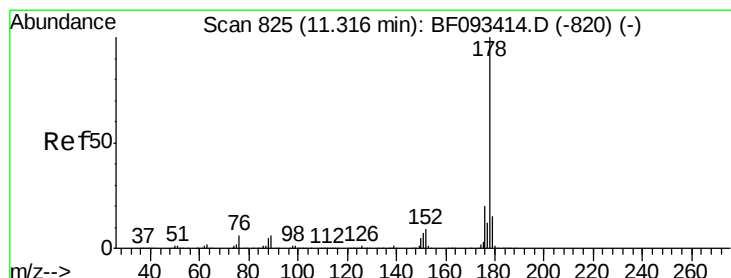
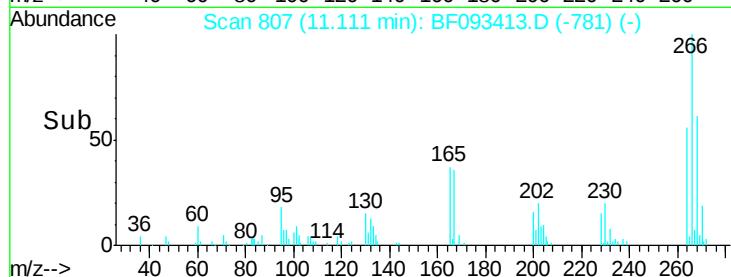
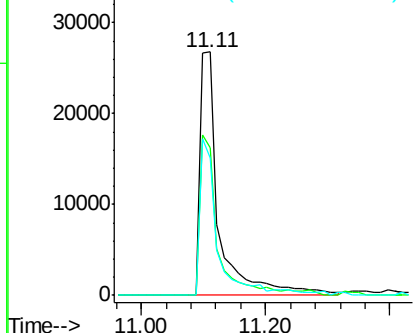
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.5	53.3	79.9
264	56.3	50.3	75.5

Manual Integrations
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 3/8/2017 1:45:22 PM

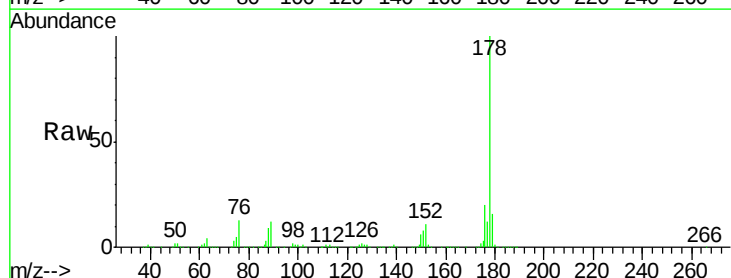


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

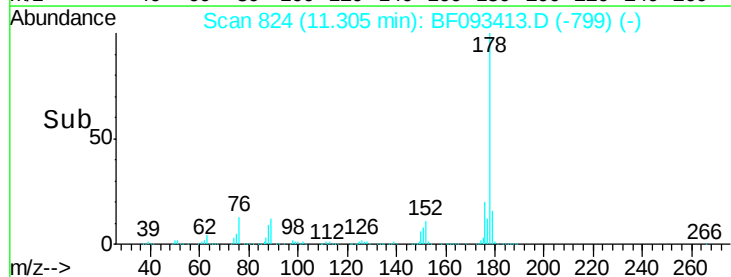
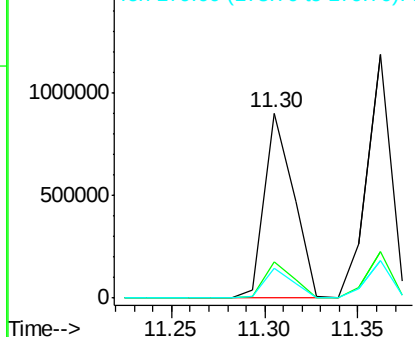


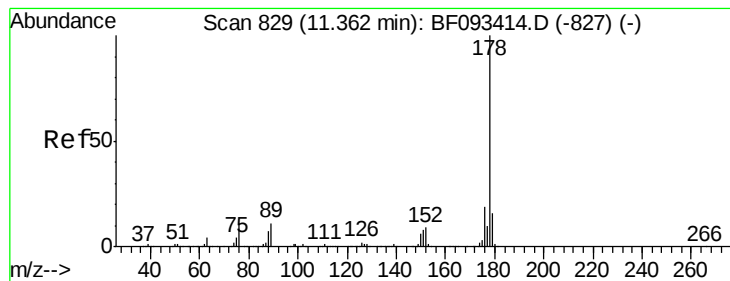
#70
 Phenanthrene
 Concen: 25.23 ng
 RT: 11.30 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	16.1	12.8	19.2



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





#71

Anthracene

Concen: 27.55 ng

RT: 11.36 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tot Ion:178 Resp: 1064206

Ion Ratio Lower Upper

178 100

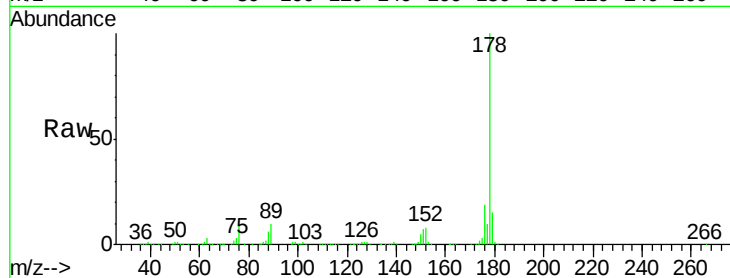
176 18.9 15.9 23.9

179 15.4 13.2 19.8

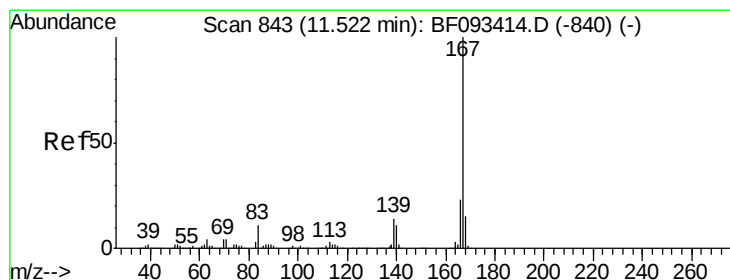
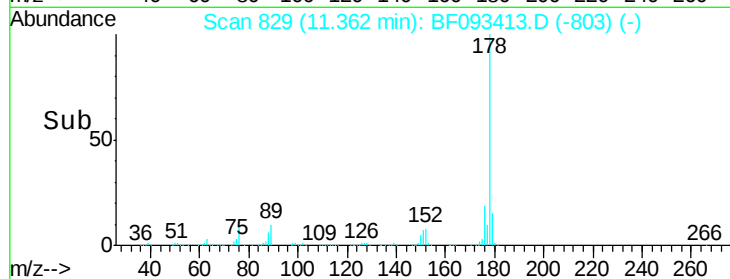
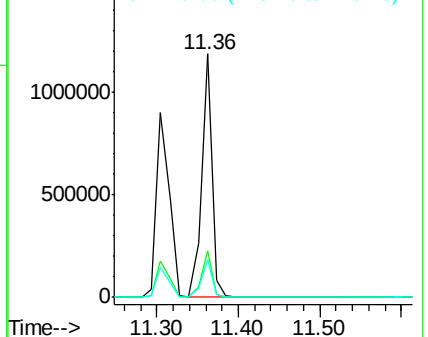
Manual Integrations
APPROVED

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



#72

Carbazole

Concen: 26.85 ng

RT: 11.52 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

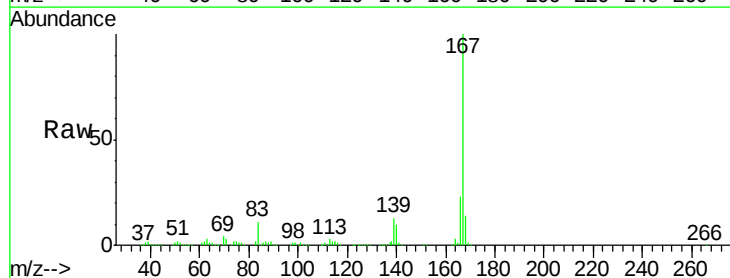
Tgt Ion:167 Resp: 991255

Ion Ratio Lower Upper

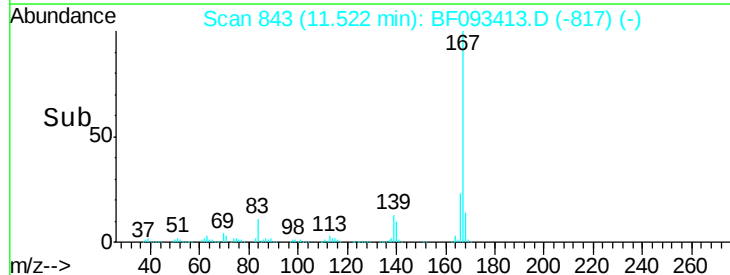
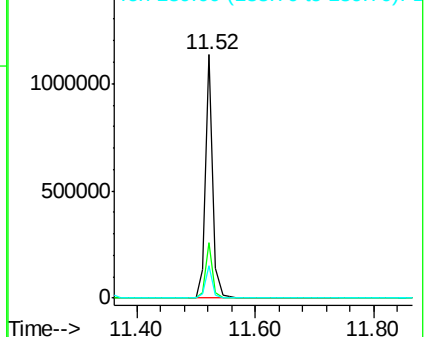
167 100

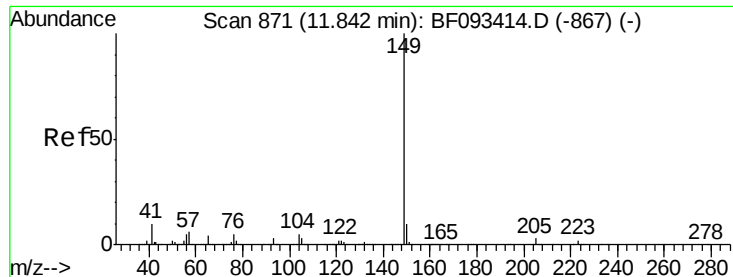
166 22.7 18.2 27.2

139 13.2 11.4 17.2



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





#73

Di-n-butylphthalate

Concen: 25.78 ng

RT: 11.84 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:149 Resp: 1029485

Ion Ratio Lower Upper

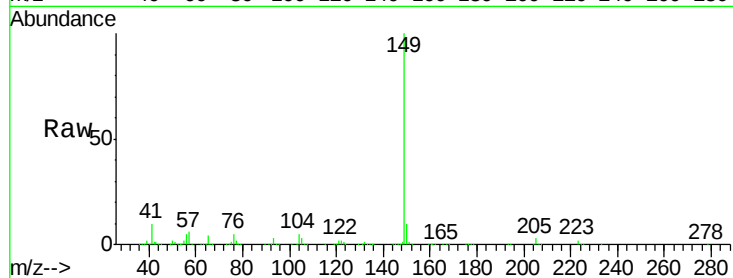
149 100

150 9.5 8.1 12.1

104 4.8 4.6 7.0

Manual Integrations
APPROVED

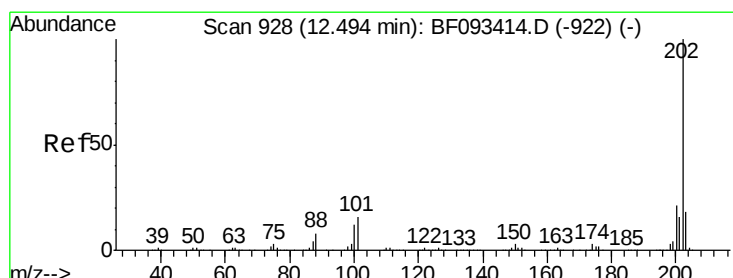
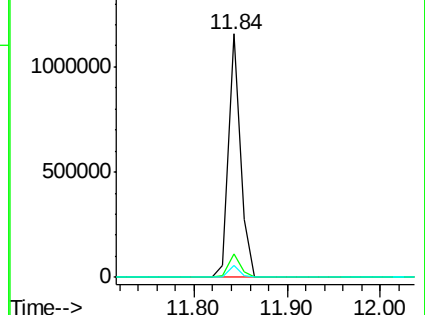
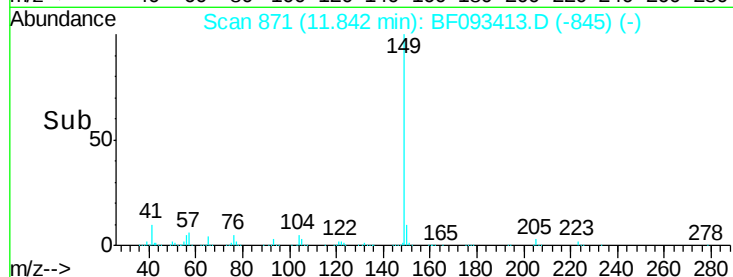
mohammad
3/8/2017 1:45:22 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 24.24 ng

RT: 12.49 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

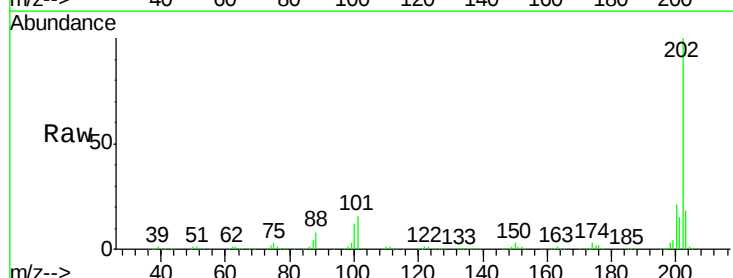
Tgt Ion:202 Resp: 961827

Ion Ratio Lower Upper

202 100

101 15.9 0.0 34.6

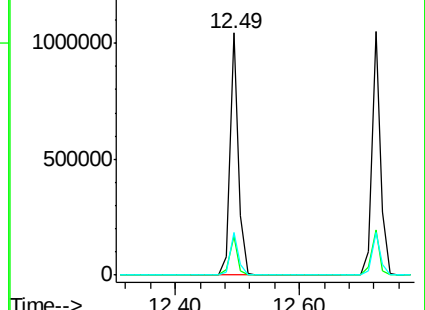
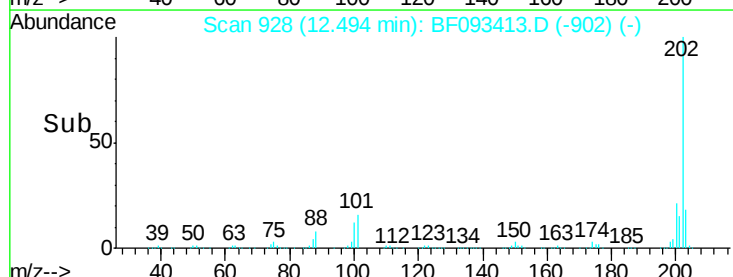
203 17.6 0.0 38.7

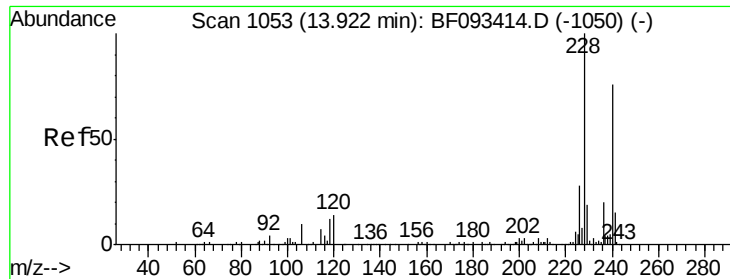


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

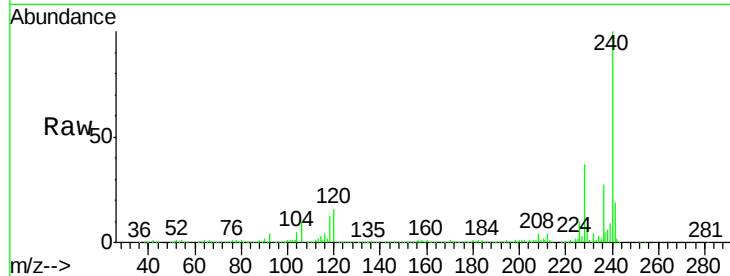
ClientSampleId :

SSTDICC025

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.5	12.9	19.3
236	26.7	20.9	31.3

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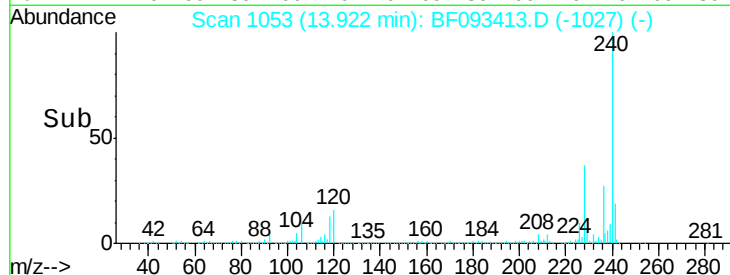


Abundance Ion 240.00 (239.70 to 240.70): E

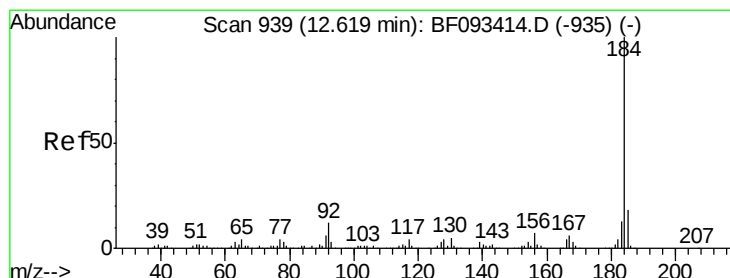
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.92



Time-->



#76

Benzidine

Concen: 21.36 ng

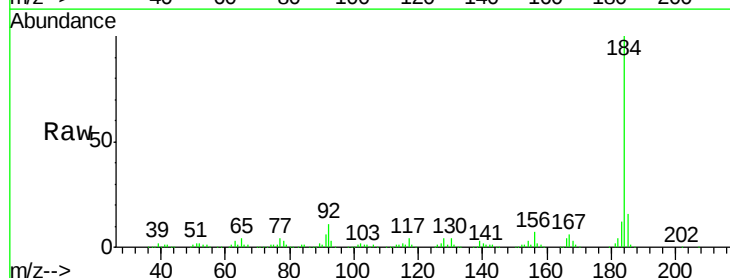
RT: 12.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.0	13.4	20.0
183	11.8	9.2	13.8

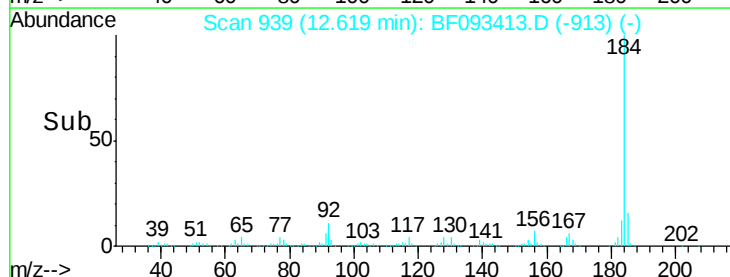


Abundance Ion 184.00 (183.70 to 184.70): E

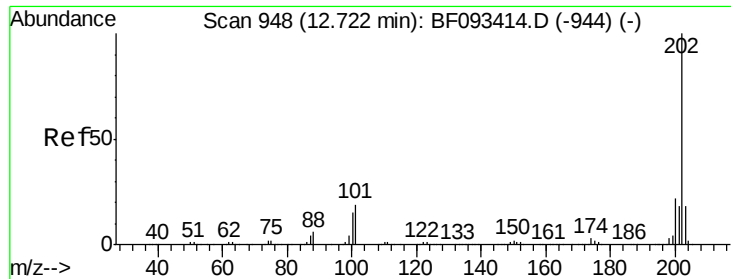
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.62



Time-->



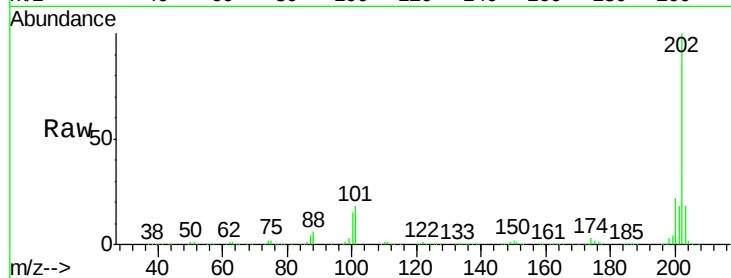
#77
Pvrene
Concen: 22.84 ng
RT: 12.72 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

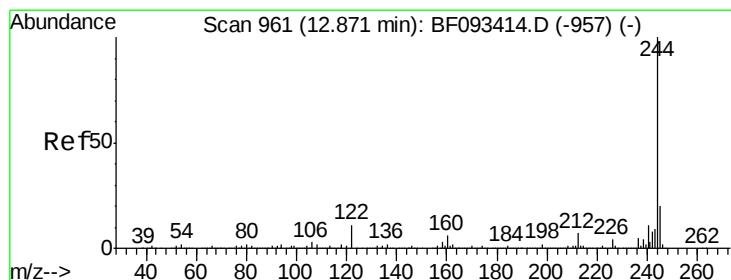
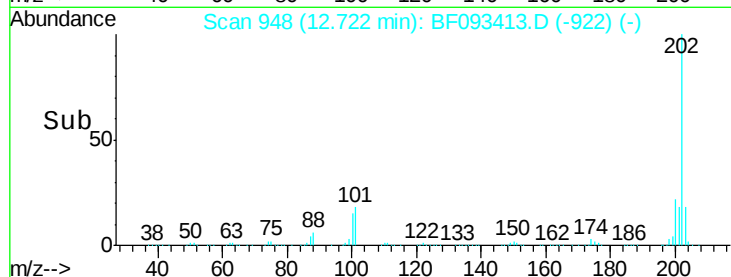
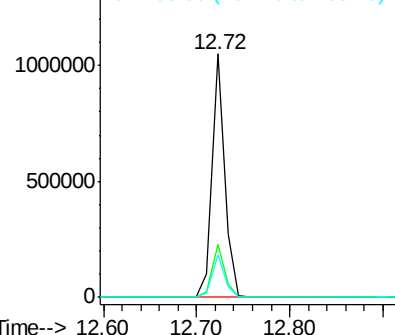
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.8	14.7	22.1

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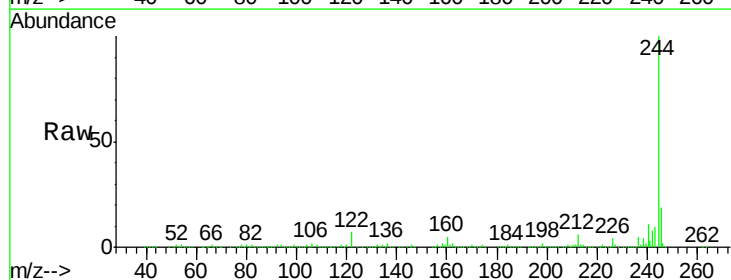


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

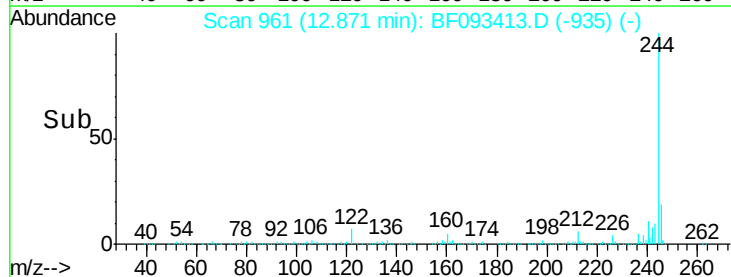
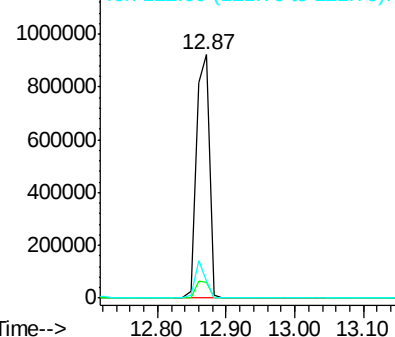


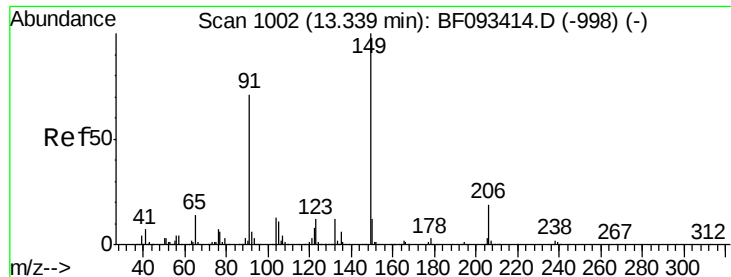
#78
Terphenyl-d14
Concen: 49.97 ng
RT: 12.87 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.2	9.2
122	7.1	11.4	17.2#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





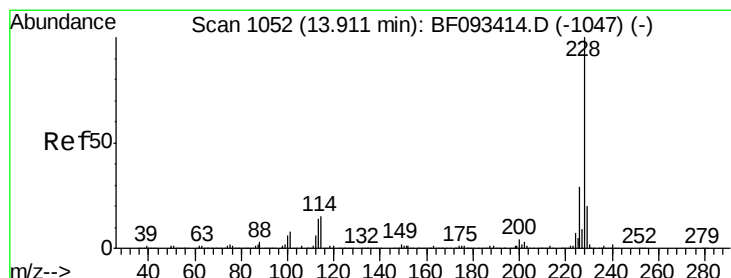
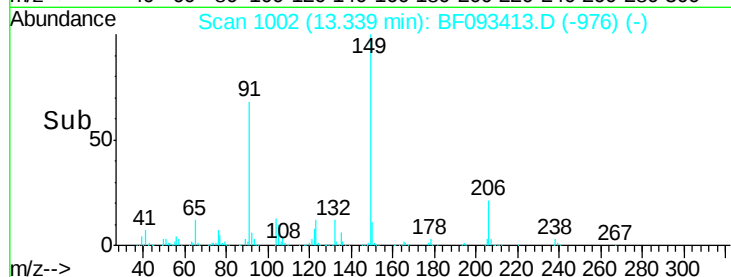
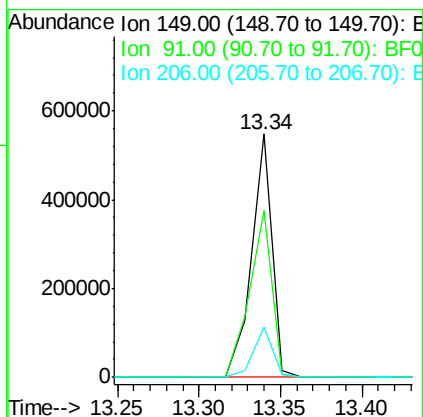
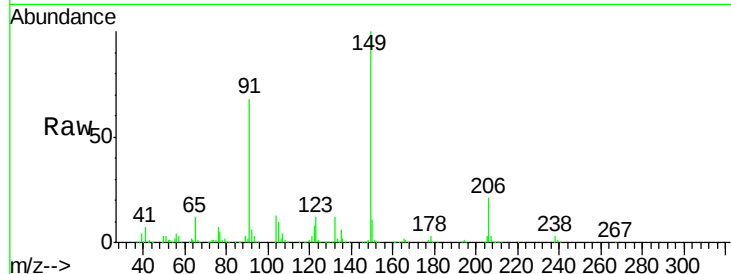
#79
Butylbenzylphthalate
Concen: 27.17 ng
RT: 13.34 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.4	63.9	95.9
206	20.5	14.6	21.8

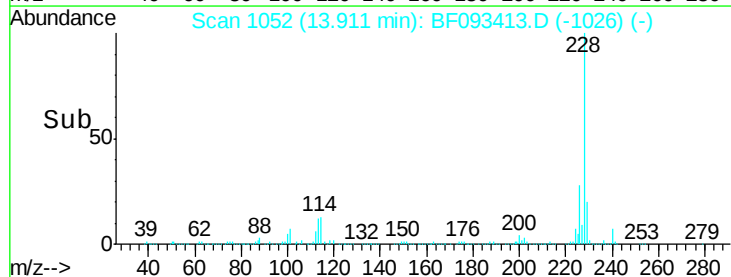
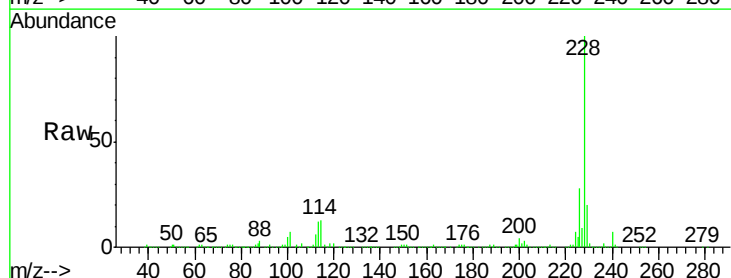
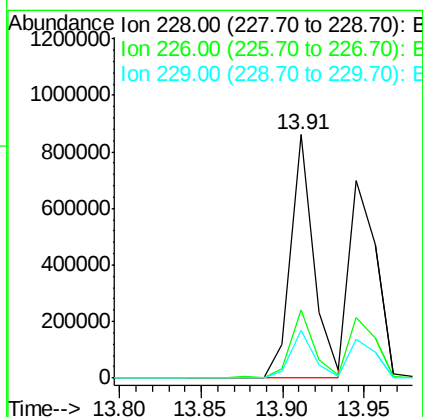
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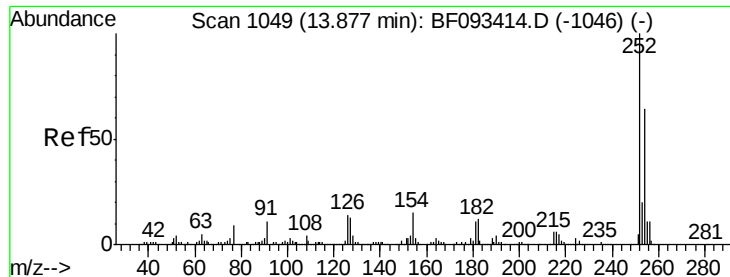
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#80
Benzo(a)anthracene
Concen: 24.15 ng
RT: 13.91 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	19.8	16.2	24.4





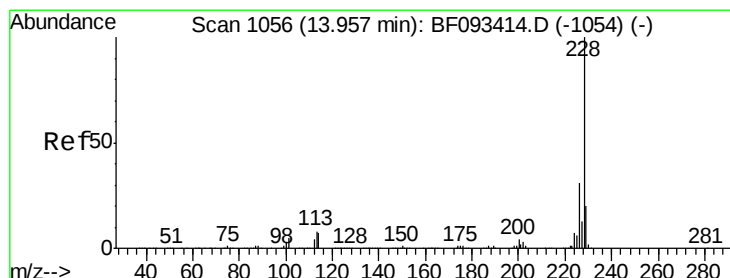
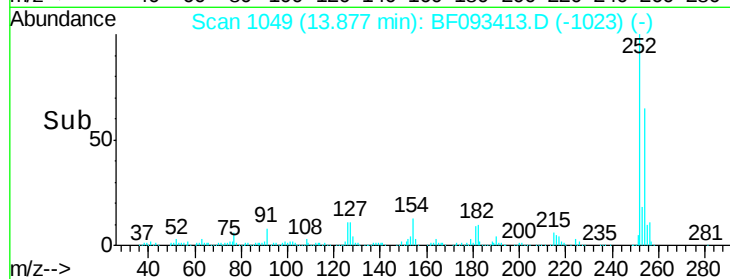
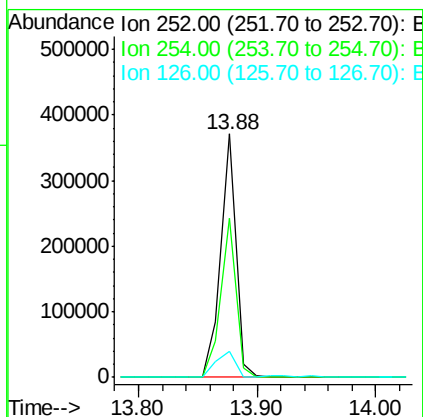
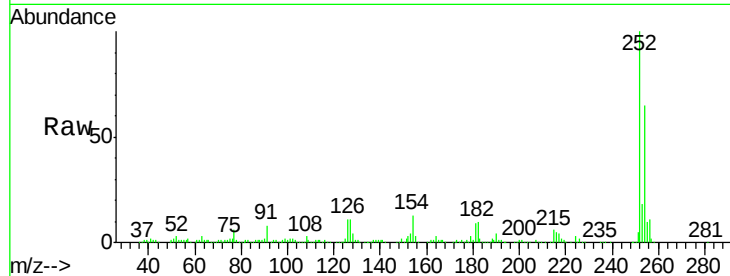
#81
 3,3'-Dichlorobenzidine
 Concen: 26.27 ng
 RT: 13.88 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.3	78.5
126	10.8	13.6	20.4

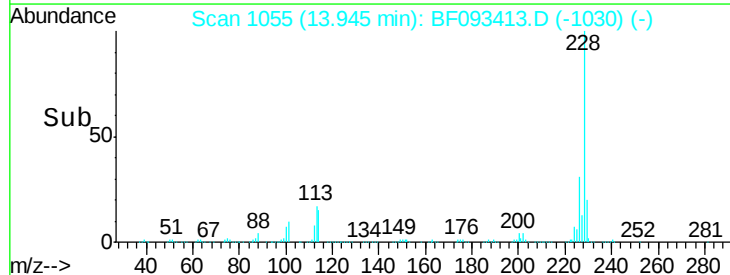
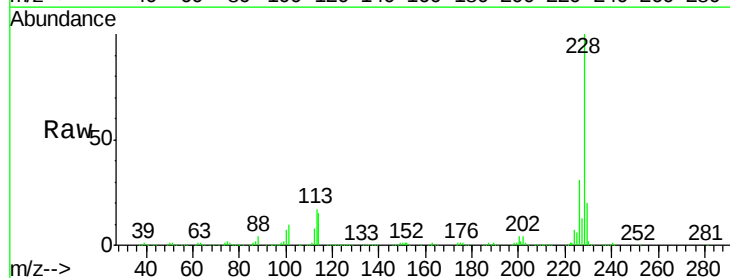
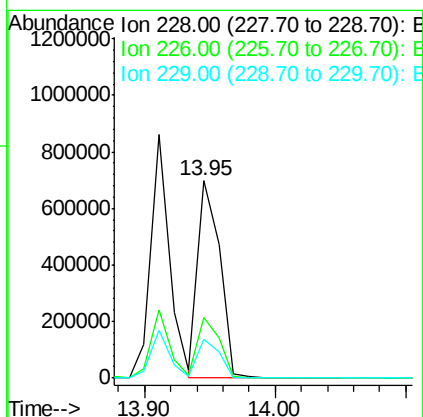
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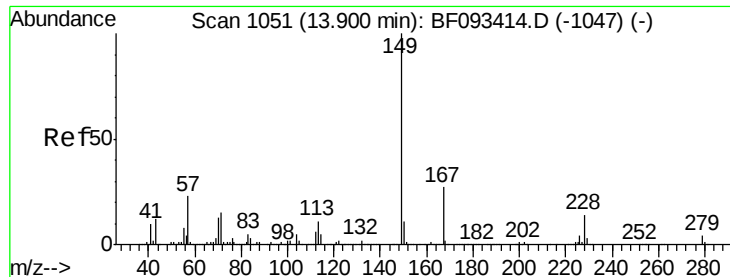
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#82
 Chrysene
 Concen: 24.77 ng
 RT: 13.95 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	19.7	16.2	24.2





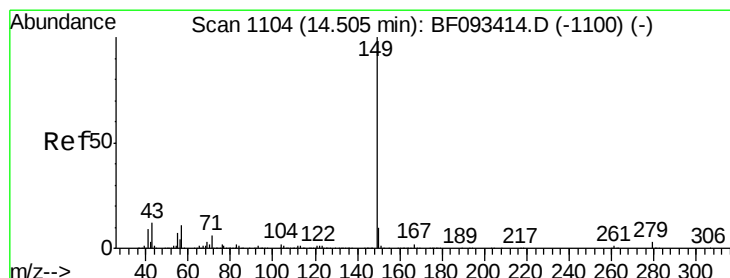
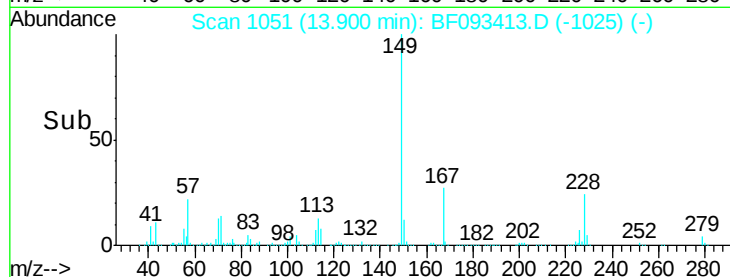
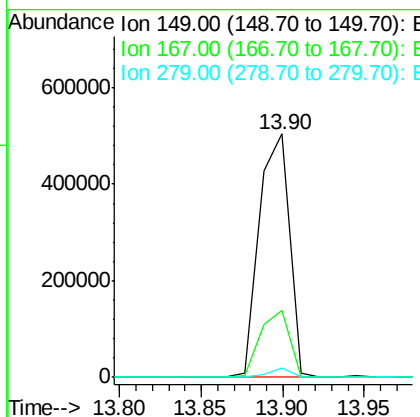
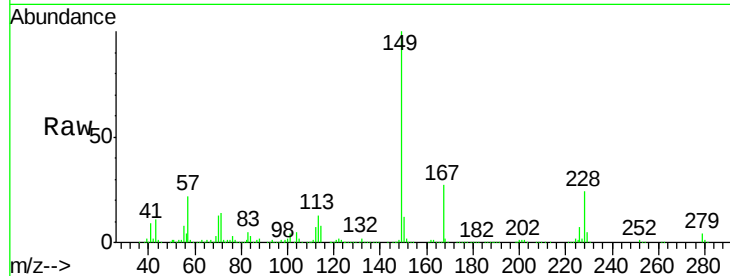
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.22 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	20.2	30.4
279	3.9	1.8	2.8

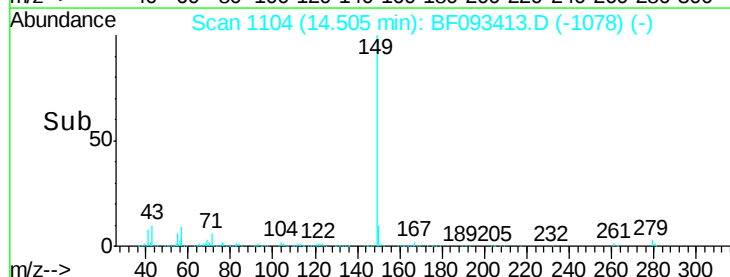
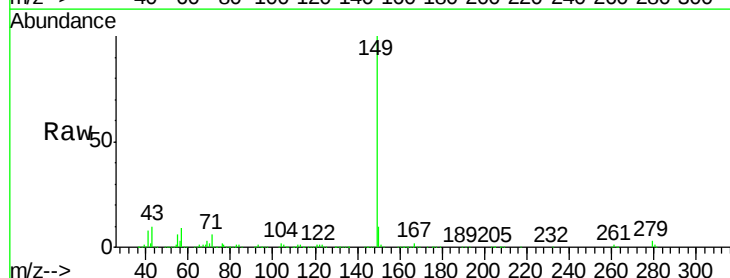
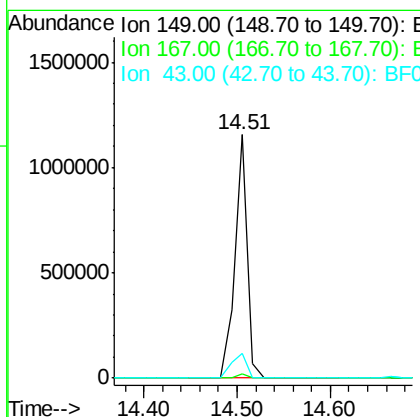
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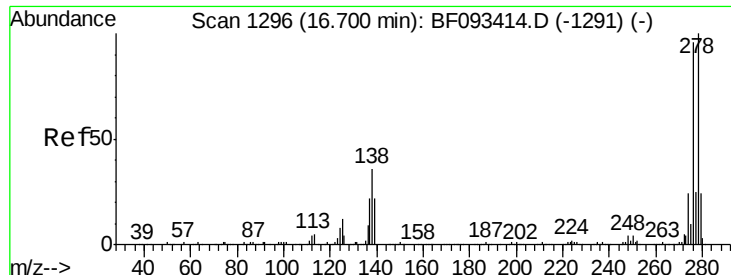
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#84
 Di-n-octyl phthalate
 Concen: 27.44 ng
 RT: 14.51 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.4	8.9	13.3





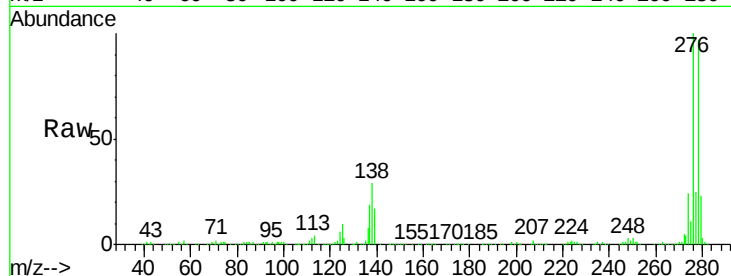
#85
Indeno(1,2,3-cd)pyrene
Concen: 25.22 ng
RT: 16.70 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

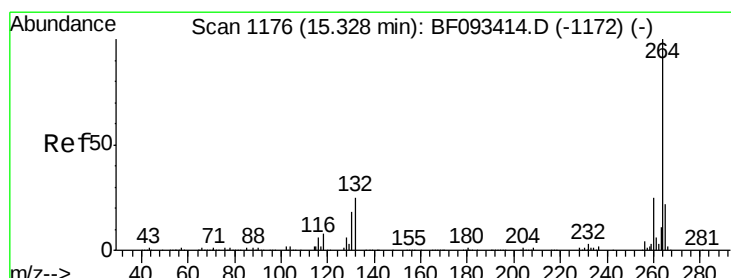
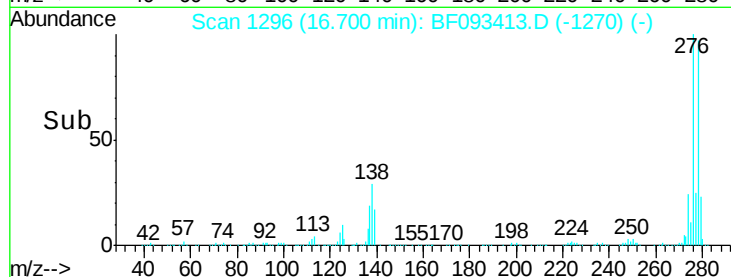
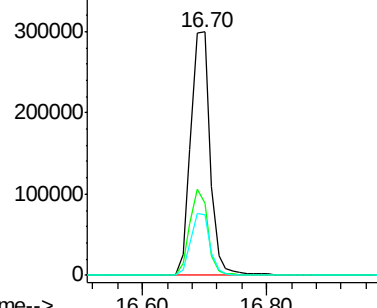
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	21.8	32.6
277	25.3	20.2	30.4

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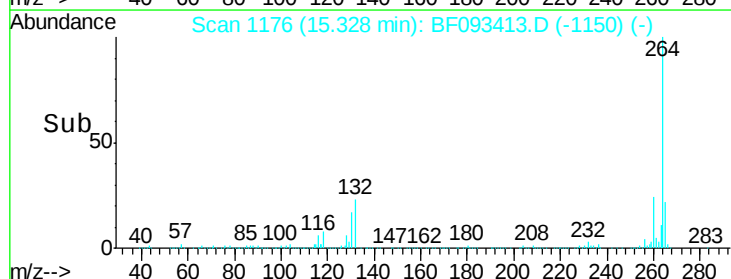
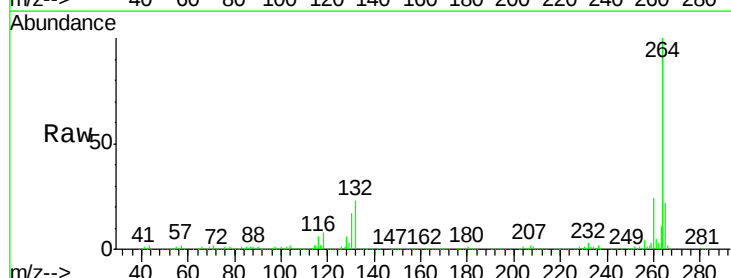
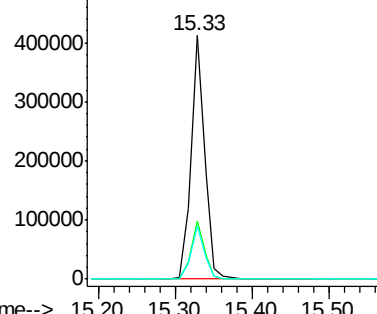
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

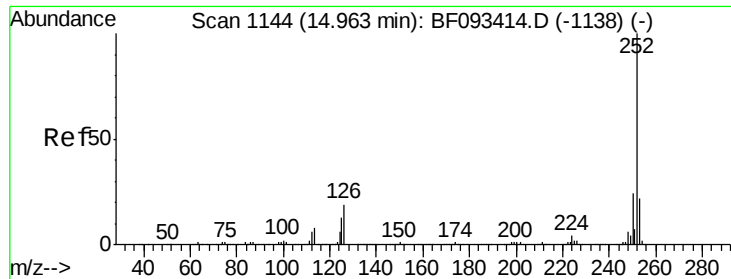


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.4	26.0

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 22.35 ng m

RT: 14.93 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

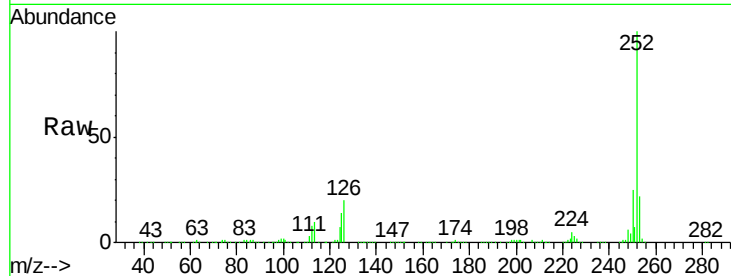
ClientSampleId :

SSTDICC025

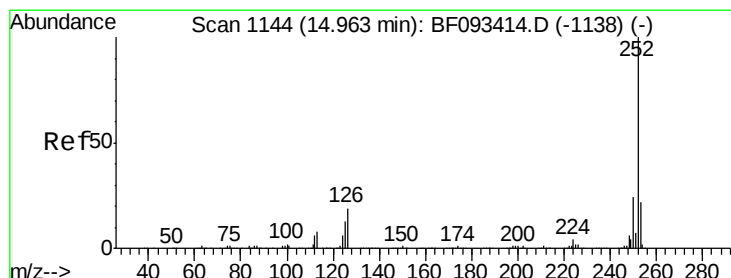
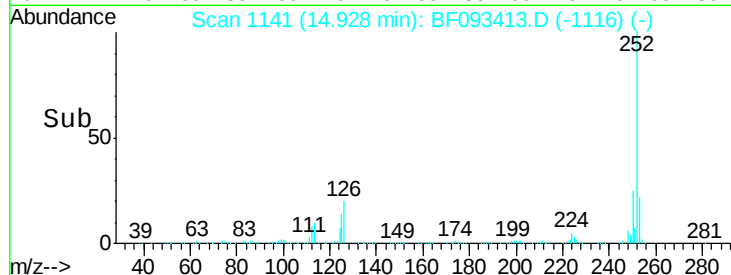
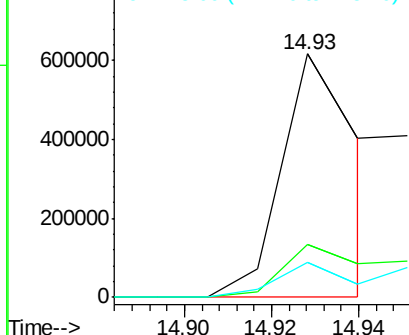
Tot Ion:	252	Resp:	748997
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.2	27.4
125	14.4	9.8	14.6

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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: 27.79 ng m

RT: 14.96 min Scan# 1144

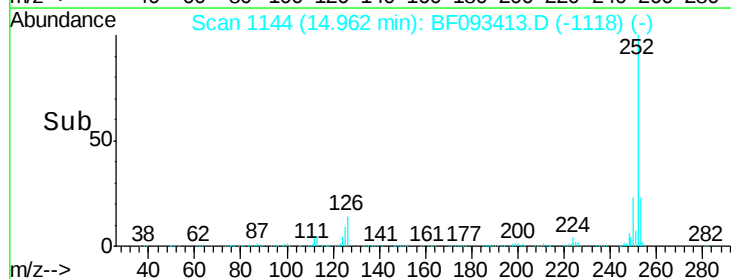
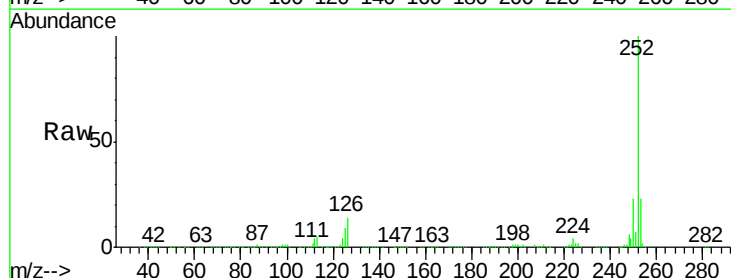
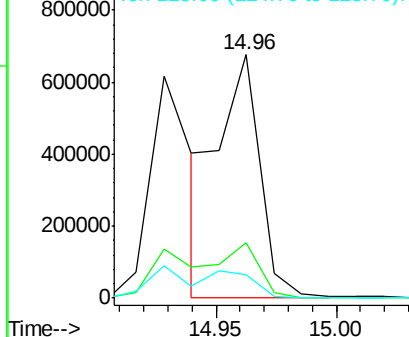
Delta R.T. -0.00 min

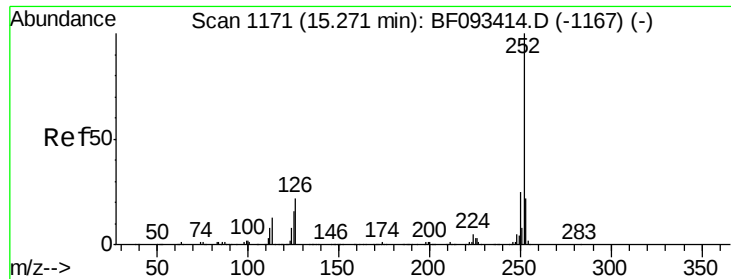
Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tgt Ion:	252	Resp:	803904
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.5	27.7
125	9.4	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: 25.35 ng

RT: 15.27 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

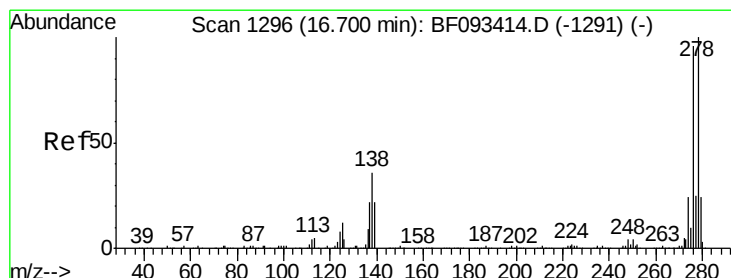
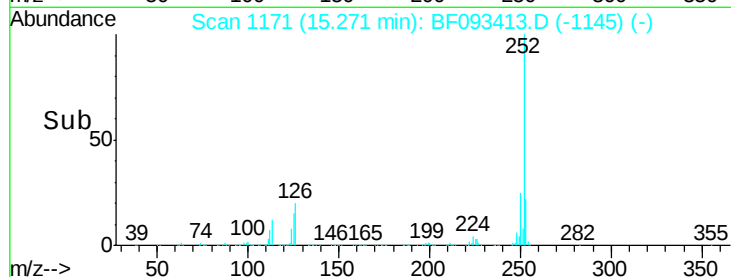
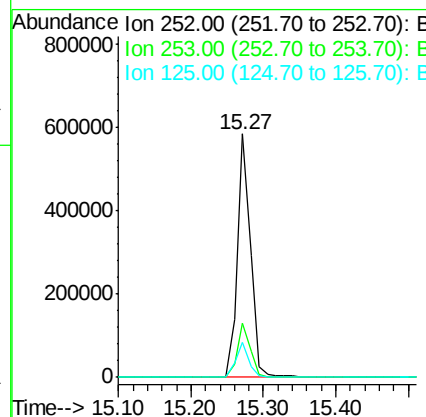
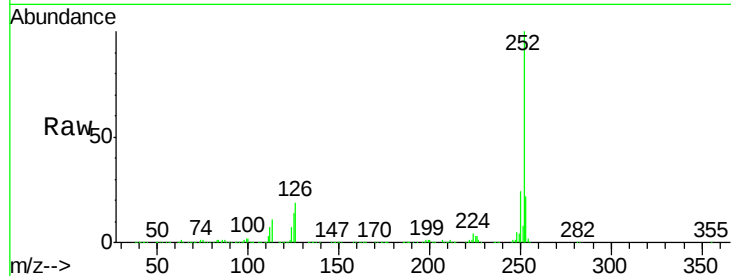
ClientSampleId :

SSTDIC025

Tot Ion:	252	Resp:	734810
Ion Ratio		Lower	Upper
252	100		
253	22.1	18.2	27.2
125	14.2	10.0	15.0

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#90

Dibenzo(a,h)anthracene

Concen: 23.59 ng

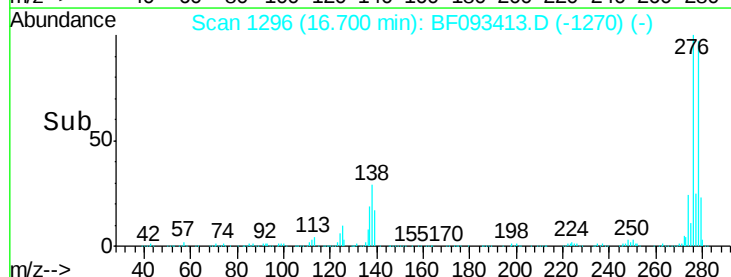
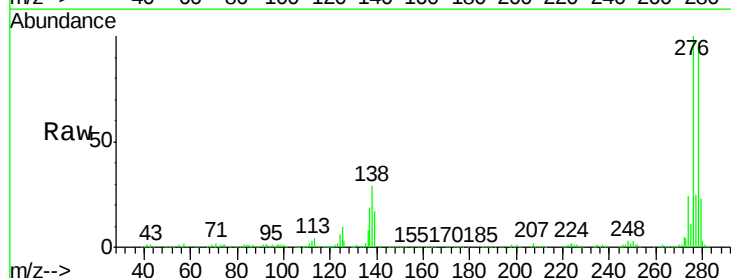
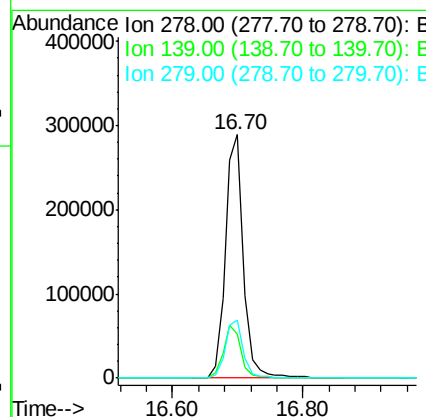
RT: 16.70 min Scan# 1296

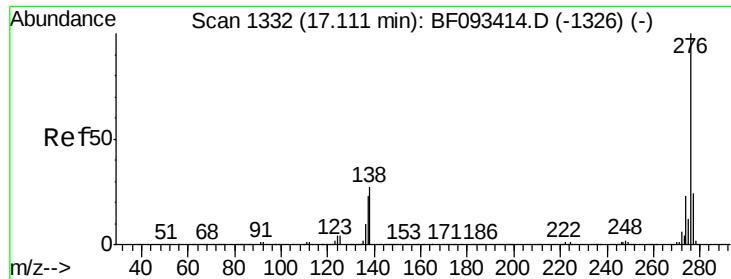
Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tgt Ion:	278	Resp:	552690
Ion Ratio		Lower	Upper
278	100		
139	18.1	14.8	22.2
279	24.0	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 23.29 ng
 RT: 17.10 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	28.3	16.0	24.0

Manual Integrations
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