

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093520.D
 Acq On : 10 Mar 2017 13:54
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/13/2017 5:28:38 PM

Quant Time: Mar 10 17:11:09 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 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	177402	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	605721	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	298097	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	542917	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	485402	20.00	ng	-0.01
86) Perylene-d12	15.32	264	397220	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	876248	82.21	ng	0.01
7) Phenol-d6	6.42	99	1026370	76.36	ng	0.01
23) Nitrobenzene-d5	7.32	82	1038286	95.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	174815	90.01	ng	-0.02
44) 2-Fluorobiphenyl	9.11	172	1445246	90.18	ng	-0.02
78) Terphenyl-d14	12.85	244	1282024	68.67	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.25	88	221808	37.78	ng	# 86
3) Pyridine	2.95	79	591903m	39.54	ng	
4) n-Nitrosodimethylamine	2.90	42	274096	38.34	ng	83
6) Aniline	6.41	93	455000	24.66	ng	# 51
8) 2-Chlorophenol	6.54	128	453183	37.95	ng	95
9) Benzaldehyde	6.30	77	278035	30.89	ng	99
10) Phenol	6.44	94	668952	40.61	ng	# 72
11) bis(2-Chloroethyl)ether	6.48	93	472871	35.52	ng	91
12) 1,3-Dichlorobenzene	6.68	146	532035m	38.92	ng	
13) 1,4-Dichlorobenzene	6.76	146	545431	38.97	ng	98
14) 1,2-Dichlorobenzene	6.92	146	495790	40.00	ng	97
15) Benzyl Alcohol	6.90	79	283782	29.62	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	963145	43.55	ng	97
17) 2-Methylphenol	7.04	107	415449	41.13	ng	97
18) Hexachloroethane	7.25	117	189005	40.04	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	380547	41.18	ng	# 91
20) 3+4-Methylphenols	7.20	107	561981	42.90	ng	# 72
22) Acetophenone	7.17	105	713194	48.93	ng	# 94
24) Nitrobenzene	7.34	77	579191	47.21	ng	99
25) Isophorone	7.58	82	940056	42.70	ng	96
26) 2-Nitrophenol	7.66	139	251772	44.98	ng	91
27) 2,4-Dimethylphenol	7.72	122	368128	40.42	ng	95
28) bis(2-Chloroethoxy)methane	7.78	93	501432	36.08	ng	98
29) 2,4-Dichlorophenol	7.92	162	369345	43.11	ng	93
30) 1,2,4-Trichlorobenzene	7.98	180	370995	40.72	ng	99
31) Naphthalene	8.05	128	1184741	39.03	ng	99
32) Benzoic acid	7.86	122	136881	28.93	ng	97
33) 4-Chloroaniline	8.14	127	499636	40.56	ng	97
34) Hexachlorobutadiene	8.16	225	190456	40.58	ng	99
35) Caprolactam	8.49	113	111136	37.98	ng	# 36
36) 4-Chloro-3-methylphenol	8.63	107	345572	37.79	ng	91
37) 2-Methylnaphthalene	8.74	142	815944	42.25	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	350465	43.06	ng	98
40) Hexachlorocyclopentadiene	8.89	237	106445	56.08	ng	97

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 ClientSampleId :
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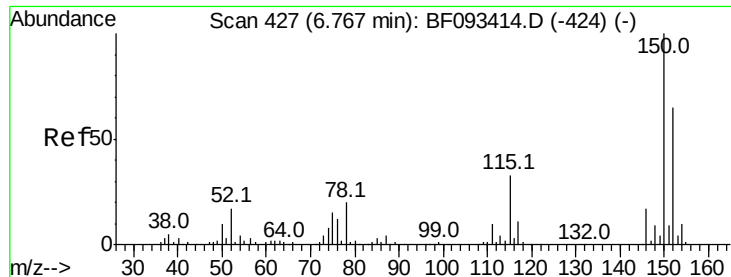
Manual Integrations
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 3/13/2017 5:28:38 PM

Quant Time: Mar 10 17:11:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	226838	44.60	nq	95
43) 2,4,5-Trichlorophenol	9.10	196	213536	39.13	nq	# 90
45) 1,1'-Biphenyl	9.20	154	898401	41.37	nq	96
46) 2-Chloronaphthalene	9.24	162	766122	46.09	nq	96
47) 2-Nitroaniline	9.35	65	260597	44.35	nq	# 83
48) Acenaphthylene	9.65	152	1235037	45.05	nq	98
49) Dimethylphthalate	9.51	163	788355	39.89	nq	98
50) 2,6-Dinitrotoluene	9.59	165	200465	46.23	nq	# 75
51) Acenaphthene	9.82	154	737917	45.52	nq	97
52) 3-Nitroaniline	9.76	138	225196	43.23	nq	99
53) 2,4-Dinitrophenol	9.90	184	39016	19.76	nq	# 85
54) Dibenzofuran	9.99	168	961000	47.36	nq	95
55) 4-Nitrophenol	10.01	139	35831m	14.16	nq	
56) 2,4-Dinitrotoluene	10.00	165	244467	45.89	nq	# 68
57) Fluorene	10.33	166	854754	49.71	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	162389	42.17	nq	92
59) Diethylphthalate	10.21	149	793037	41.99	nq	98
60) 4-Chlorophenyl-phenylether	10.32	204	382660	49.65	nq	# 86
61) 4-Nitroaniline	10.38	138	206492	38.75	nq	92
62) Azobenzene	10.48	77	906351	42.23	nq	95
64) 4,6-Dinitro-2-methylphenol	10.41	198	129154	36.72	nq	89
65) n-Nitrosodiphenylamine	10.45	169	696620	38.43	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	220450	38.40	nq	# 81
67) Hexachlorobenzene	10.88	284	225146	41.07	nq	97
68) Atrazine	10.98	200	203989	38.44	nq	93
69) Pentachlorophenol	11.09	266	100694	53.20	nq	96
70) Phenanthrene	11.29	178	1202716	38.81	nq	98
71) Anthracene	11.34	178	1219133	38.89	nq	98
72) Carbazole	11.51	167	1117918	37.96	nq	99
73) Di-n-butylphthalate	11.83	149	1304157	38.28	nq	# 96
74) Fluoranthene	12.48	202	1255805	41.95	nq	95
76) Benzidine	12.61	184	834769	52.30	nq	98
77) Pyrene	12.71	202	1253645	35.51	nq	99
79) Butylbenzylphthalate	13.32	149	520880	35.05	nq	95
80) Benzo(a)anthracene	13.90	228	1072202	37.40	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	396084	39.45	nq	# 95
82) Chrysene	13.93	228	886044	33.41	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	694315	33.52	nq	98
84) Di-n-octyl phthalate	14.49	149	1235357	35.78	nq	100
85) Indeno(1,2,3-cd)pyrene	16.68	276	825316	37.18	nq	95
87) Benzo(b)fluoranthene	14.92	252	1215626m	50.25	nq	
88) Benzo(k)fluoranthene	14.95	252	681007m	29.19	nq	
89) Benzo(a)pyrene	15.26	252	868040	39.26	nq	97
90) Dibenzo(a,h)anthracene	16.68	278	707798	38.70	nq	96
91) Benzo(g,h,i)perylene	17.09	276	728033	38.78	nq	# 91

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



#1

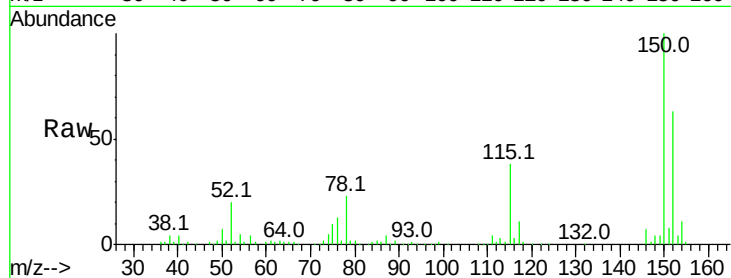
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.9	187.3
115	59.2	46.0	69.0

Manual Integrations
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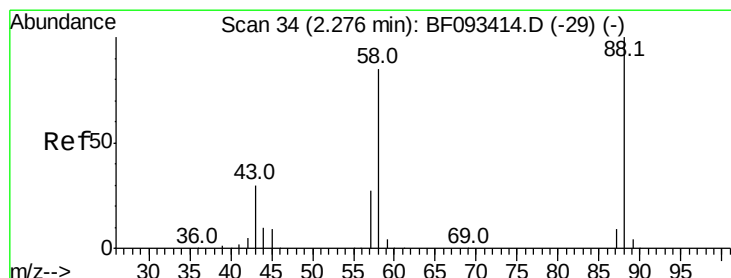
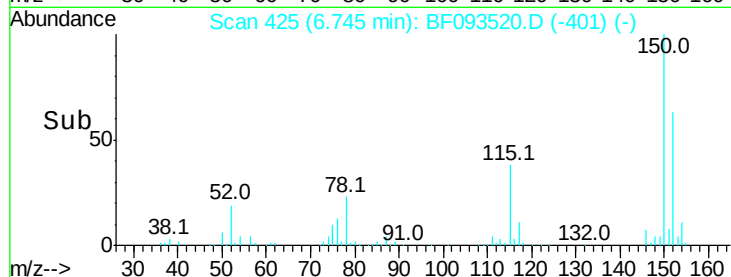
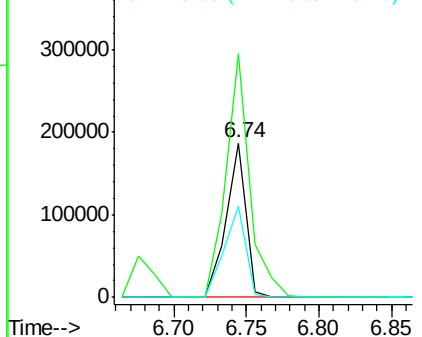


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

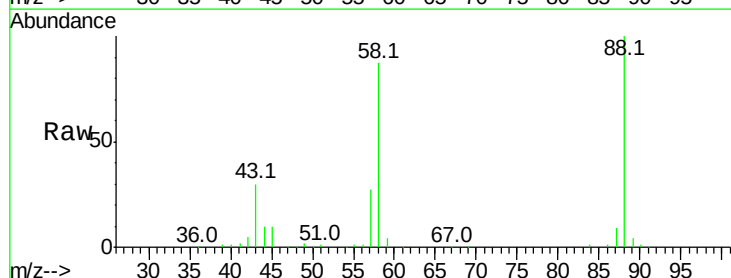
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.78 ng
RT: 2.25 min Scan# 32
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.1	57.8	86.8#
43	30.6	22.3	33.5

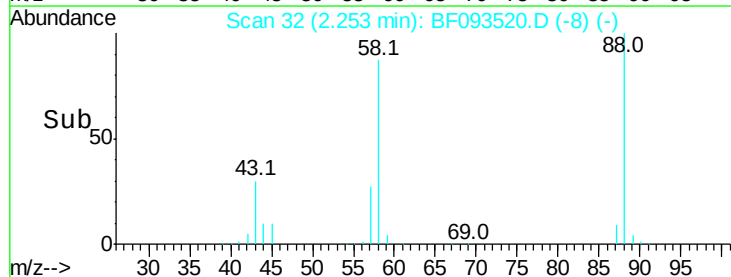
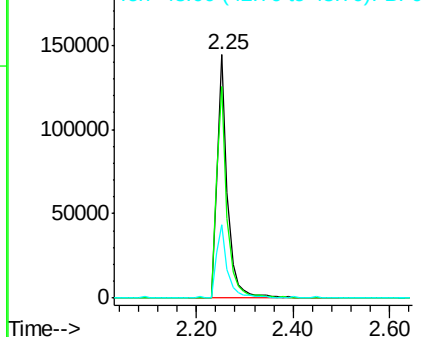


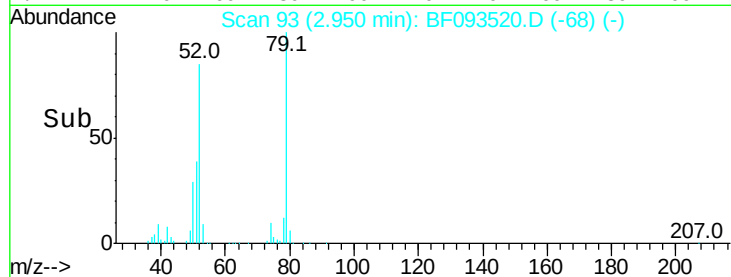
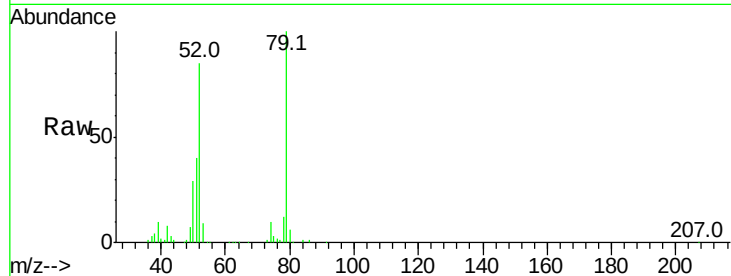
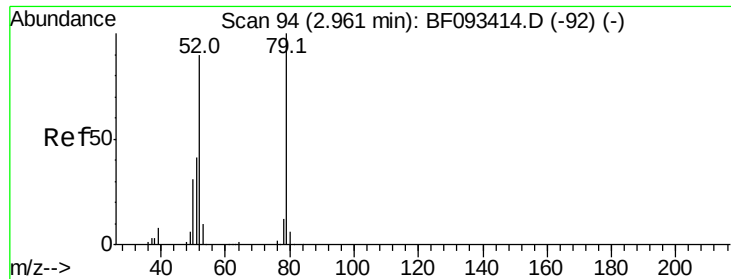
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





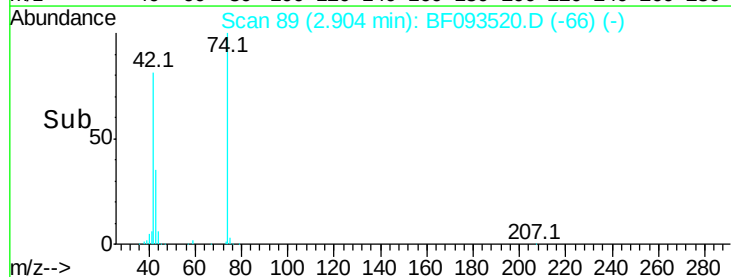
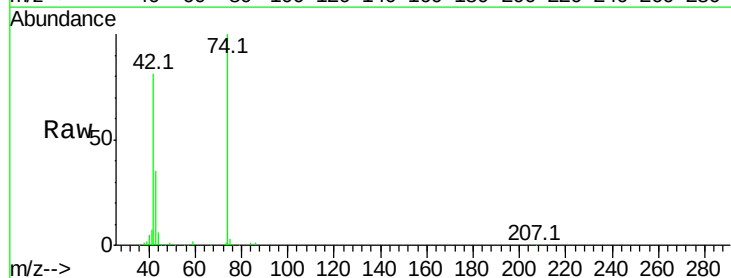
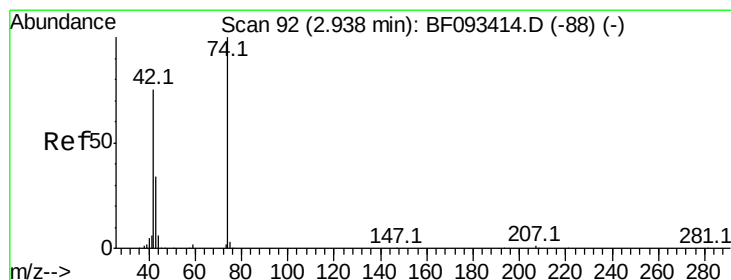
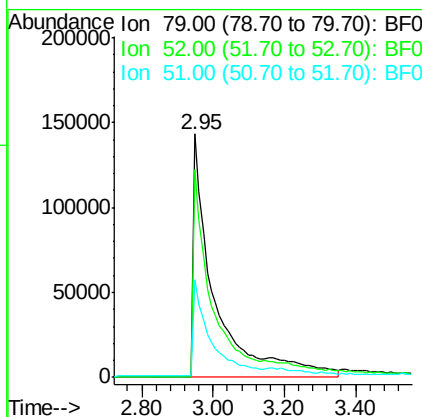
#3
Pvridine
Concen: 39.54 ng/ml
RT: 2.95 min Scan# 93
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		591903		
52	85.3	57.1		85.7	
51	40.0	27.3		40.9	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

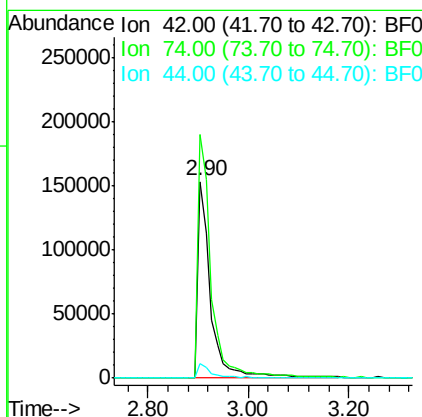
Manual Integrations
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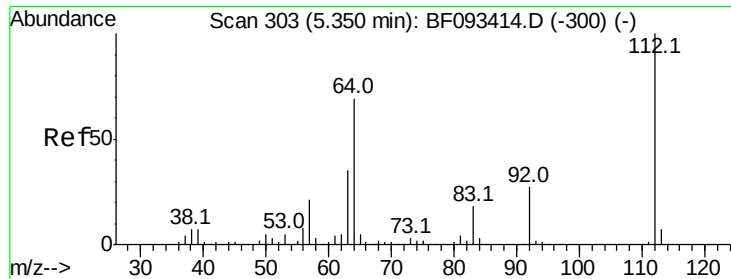
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#4
n-Nitrosodimethylamine
Concen: 38.34 ng/ml
RT: 2.90 min Scan# 89
Delta R.T. -0.03 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		274096		
74	124.0	117.0		175.4	
44	7.5	5.5		8.3	





#5

2-Fluorophenol

Concen: 82.21 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

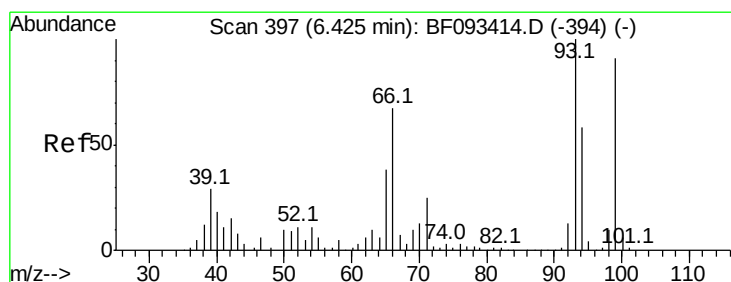
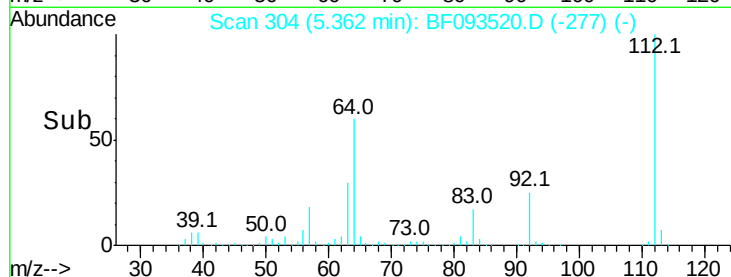
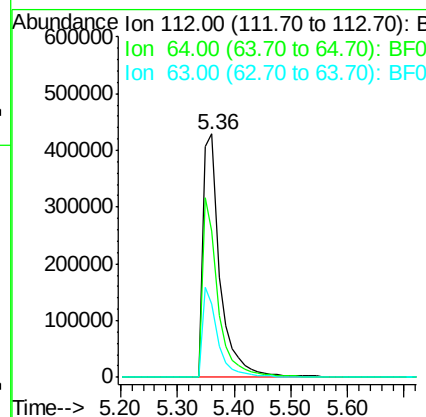
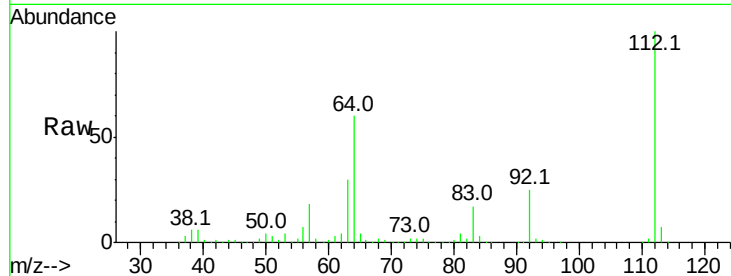
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	876248
Ion Ratio	Lower	Upper	
112	100		
64	60.4	46.1	69.1
63	30.1	23.8	35.6

Manual Integrations
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#6

Aniline

Concen: 24.66 ng

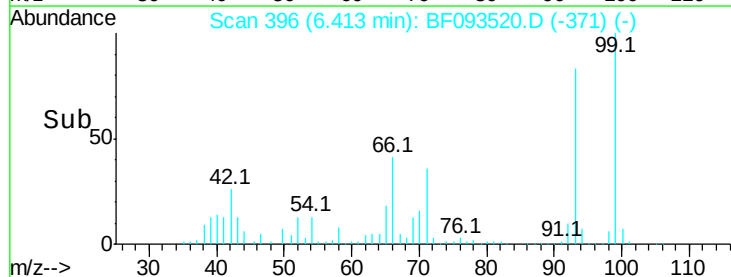
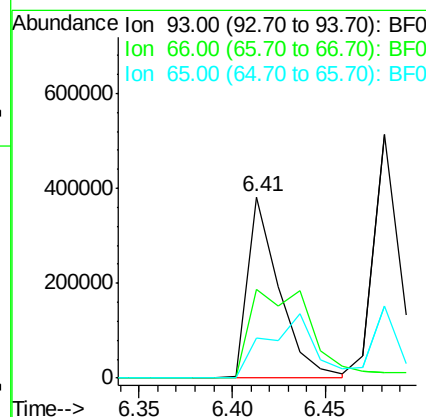
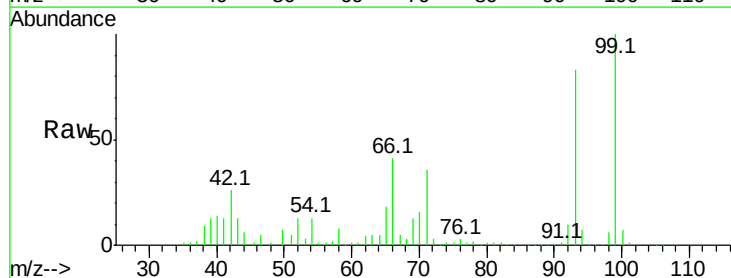
RT: 6.41 min Scan# 396

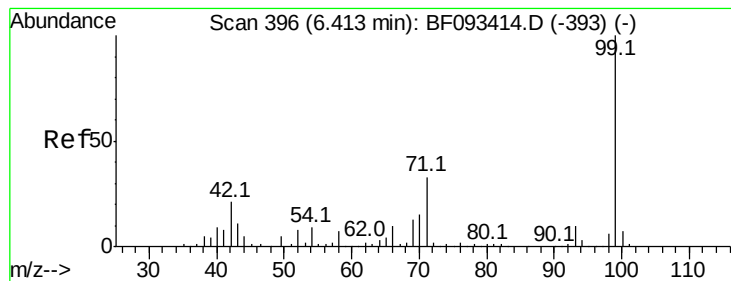
Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Tgt Ion:	93	Resp:	455000
Ion Ratio	Lower	Upper	
93	100		
66	48.9	76.2	114.2#
65	22.2	49.3	73.9#





#7

Phenol-d6

Concen: 76.36 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1026370

Ion Ratio Lower Upper

99 100

42 17.6 15.6 23.4

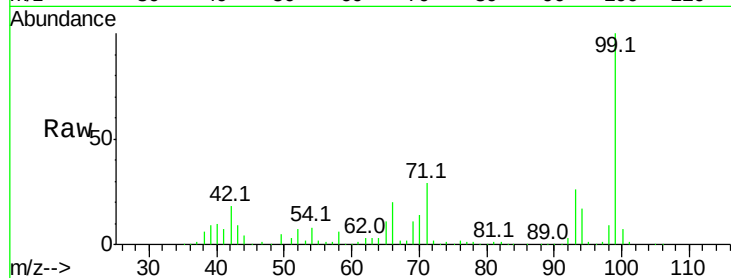
71 28.7 27.5 41.3

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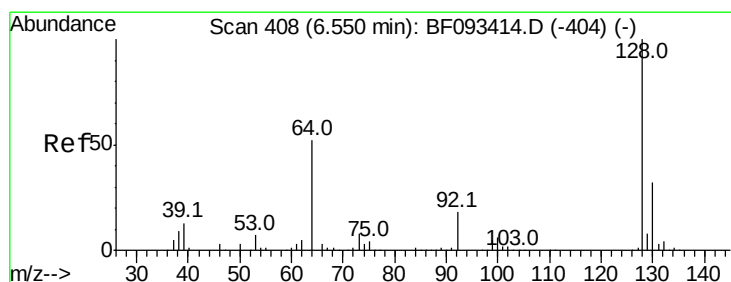
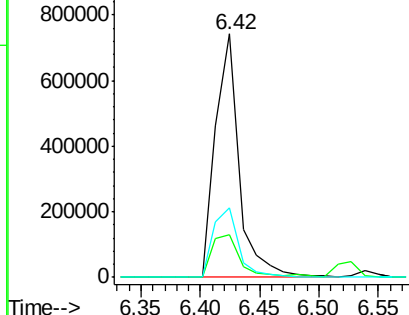
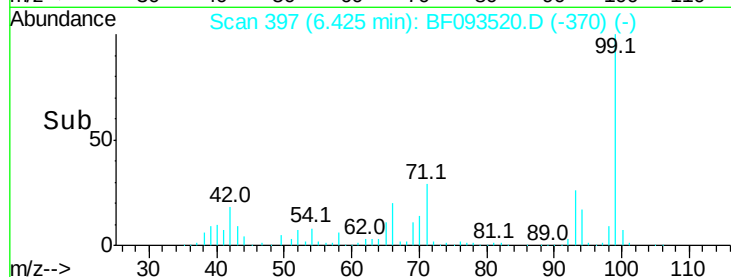
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.95 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

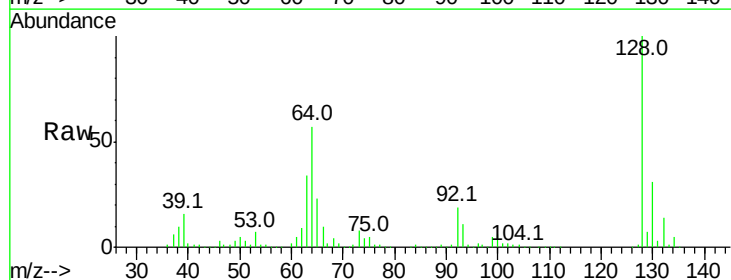
Tgt Ion:128 Resp: 453183

Ion Ratio Lower Upper

128 100

130 31.4 12.3 52.3

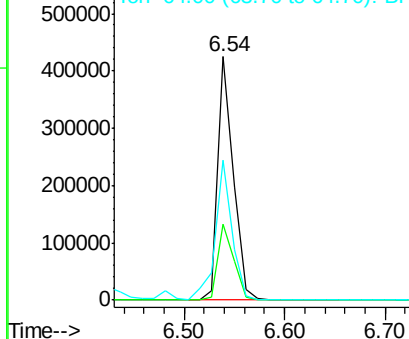
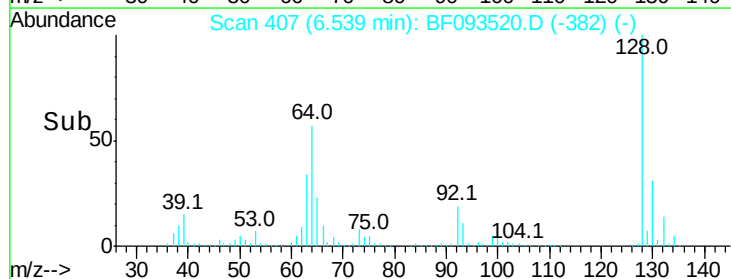
64 57.4 32.2 72.2

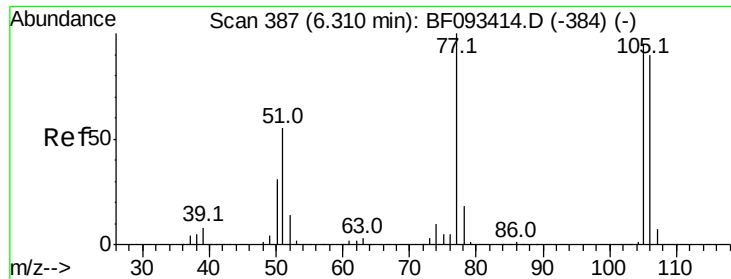


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





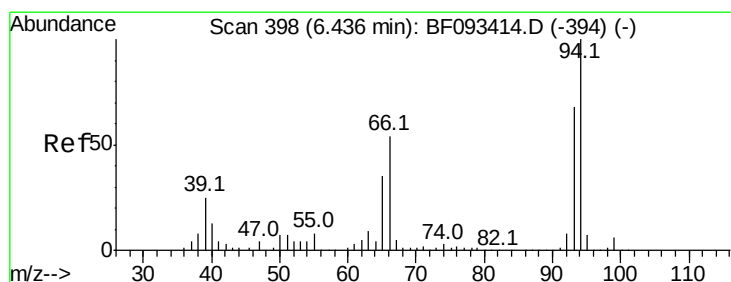
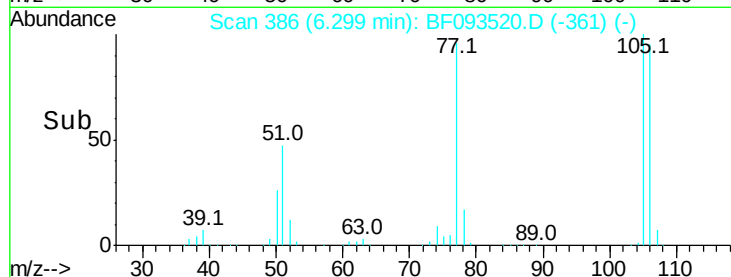
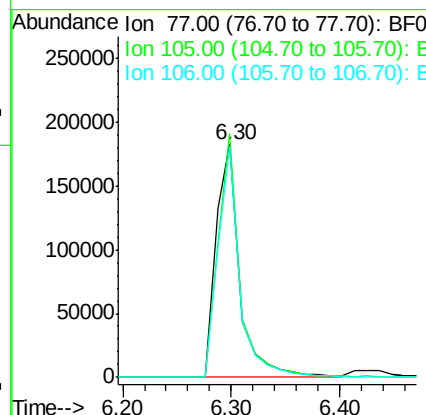
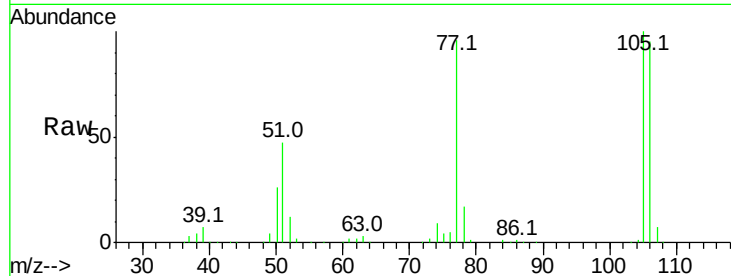
#9
Benzaldehyde
Concen: 30.89 ng
RT: 6.30 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.4	83.9	123.9
106	99.2	77.6	117.6

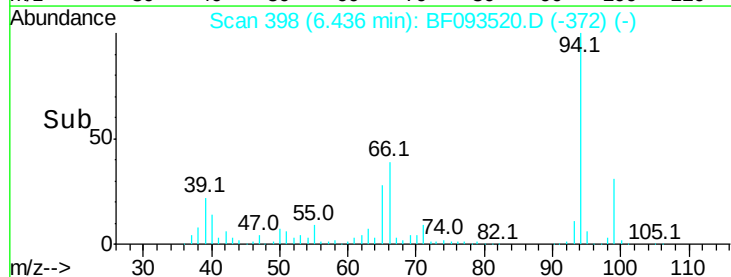
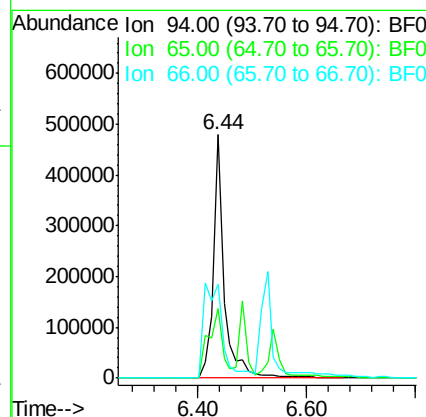
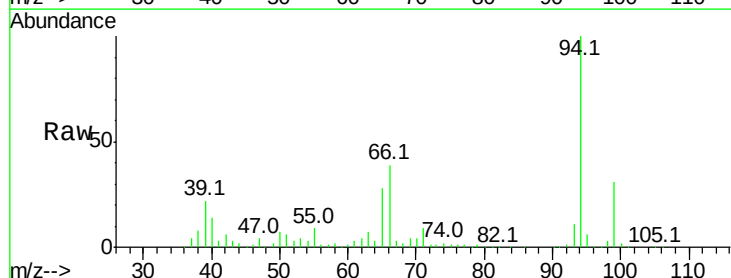
Manual Integrations
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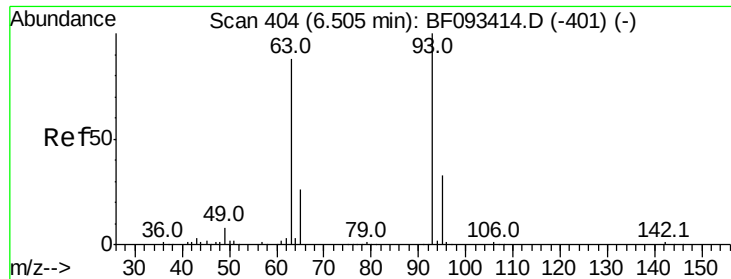
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#10
Phenol
Concen: 40.61 ng
RT: 6.44 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.4	21.4	61.4
66	38.6	44.0	84.0#





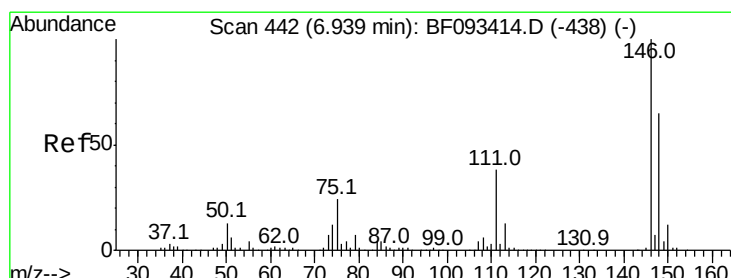
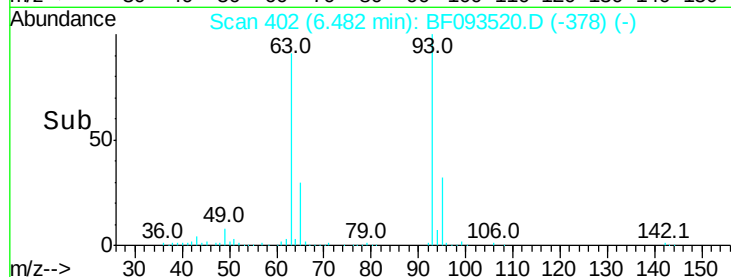
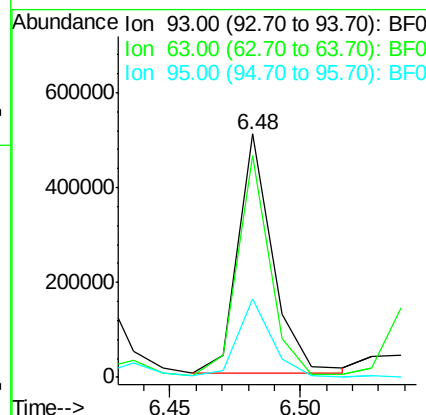
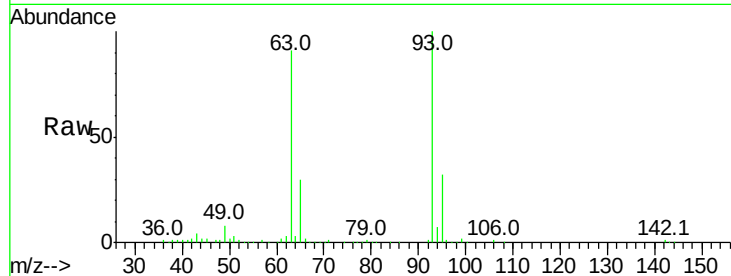
#11
bis(2-Chloroethyl)ether
Concen: 35.52 ng
RT: 6.48 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.9	60.4	100.4
95	32.1	12.8	52.8

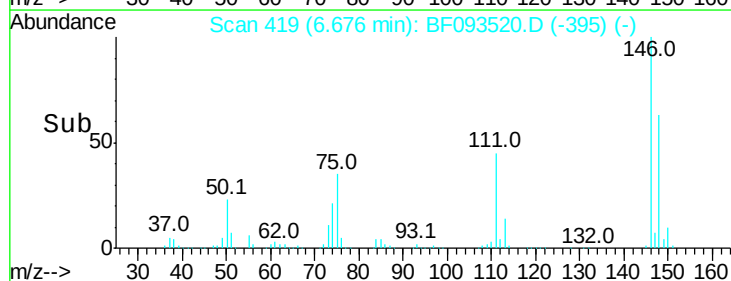
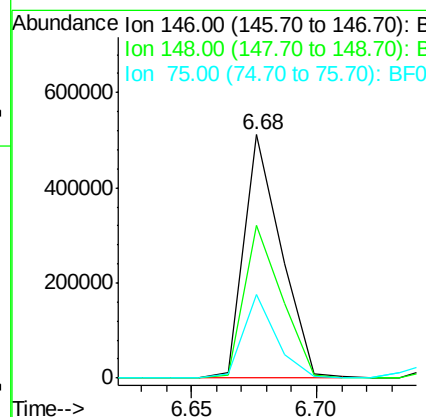
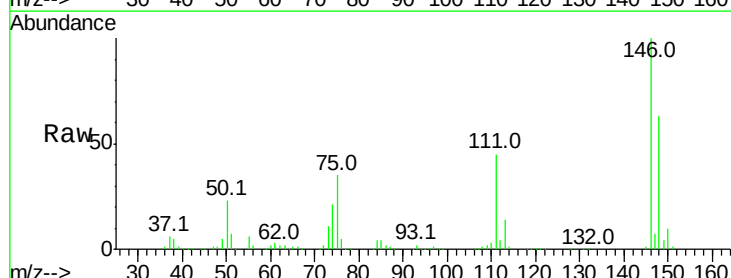
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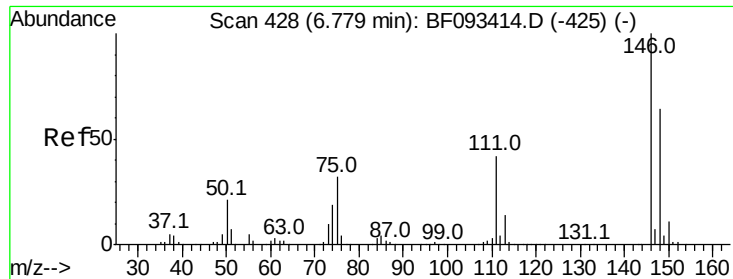
mohammad
3/13/2017 5:28:38 PM



#12
1,3-Dichlorobenzene
Concen: 38.92 ng m
RT: 6.68 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	53.4	80.0
75	34.6	18.5	27.7#





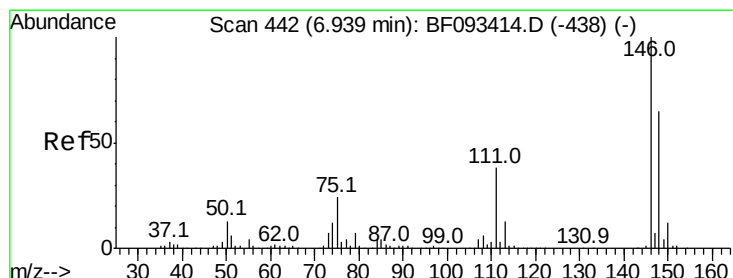
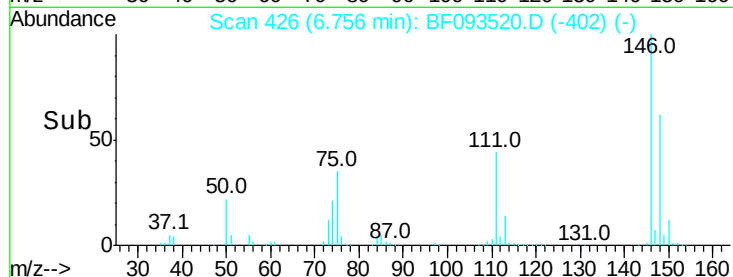
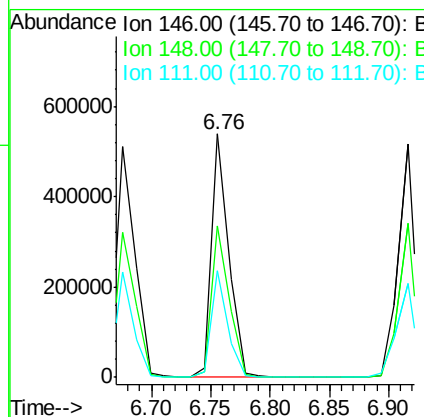
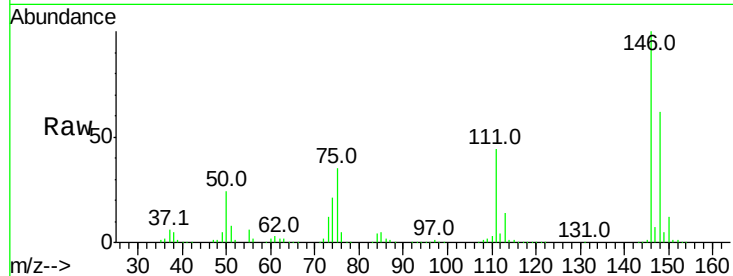
#13
 1,4-Dichlorobenzene
 Concen: 38.97 ng
 RT: 6.76 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.6	76.0
111	44.0	36.2	54.4

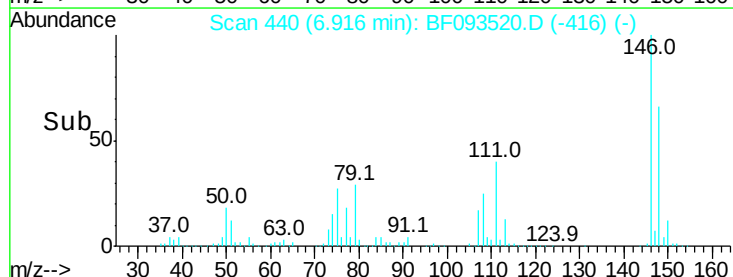
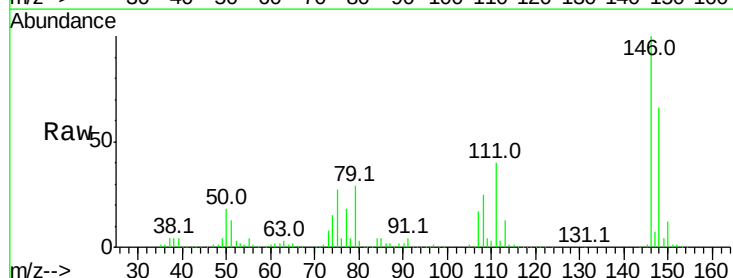
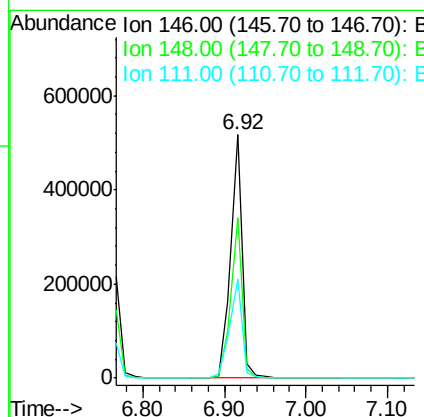
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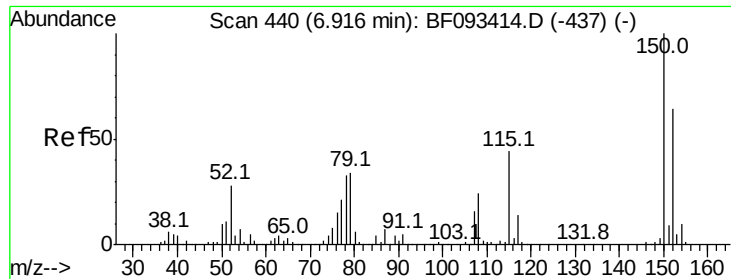
mohammad
 3/13/2017 5:28:38 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.00 ng
 RT: 6.92 min Scan# 440
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.2	78.2
111	40.4	36.2	54.2





#15

Benzyl Alcohol

Concen: 29.62 ng

RT: 6.90 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 283782

Ion Ratio Lower Upper

79 100

108 67.9 61.4 92.0

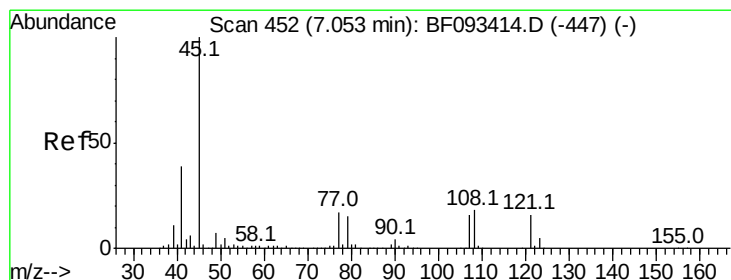
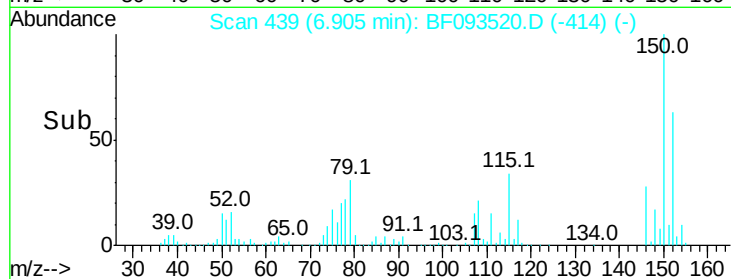
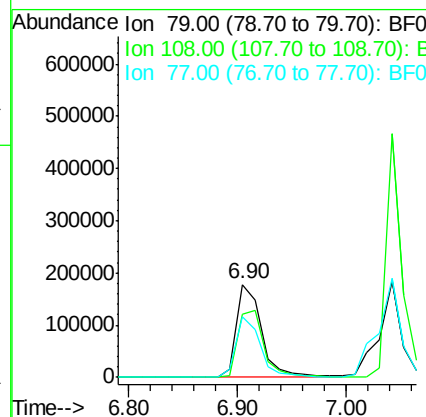
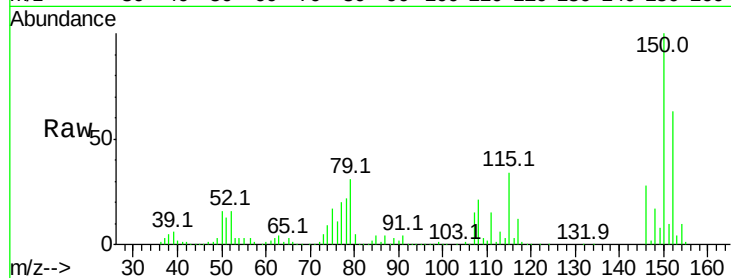
77 66.0 50.9 76.3

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.55 ng

RT: 7.03 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

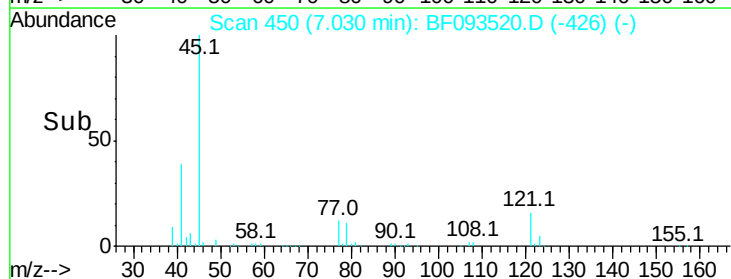
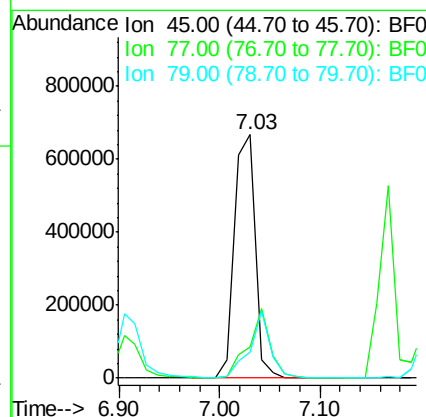
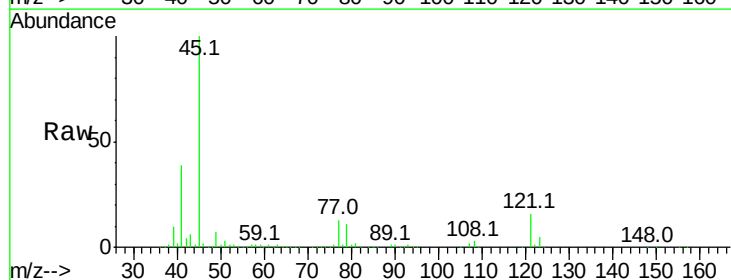
Tgt Ion: 45 Resp: 963145

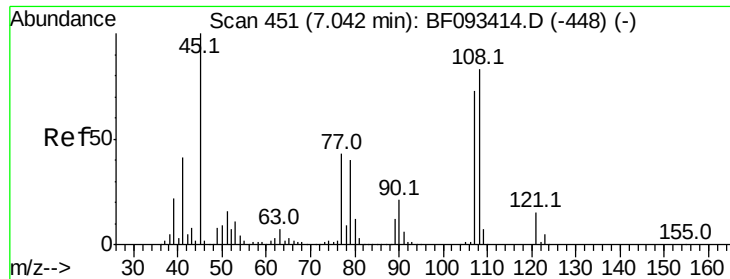
Ion Ratio Lower Upper

45 100

77 12.7 0.0 34.6

79 10.8 0.0 31.2





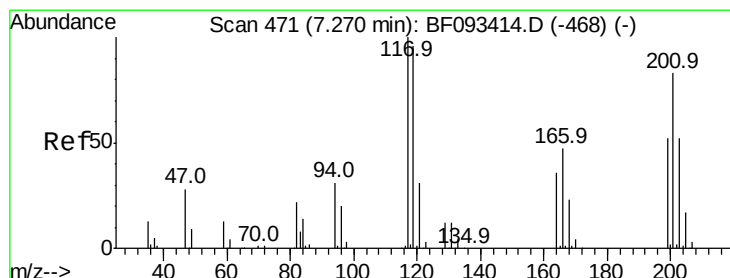
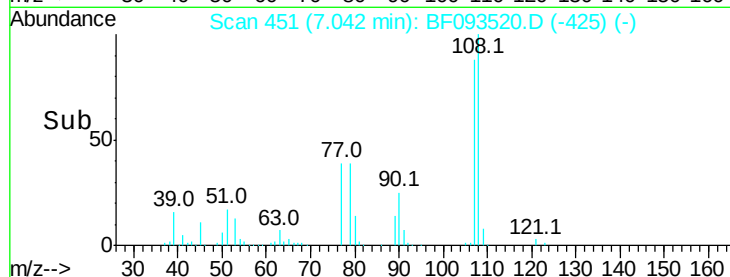
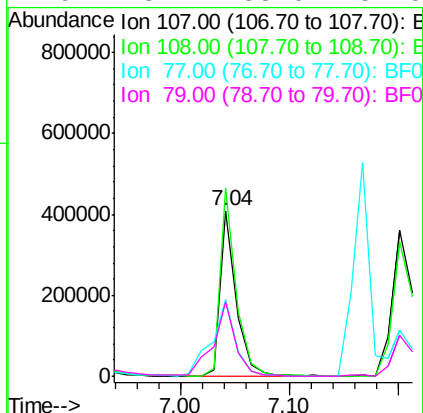
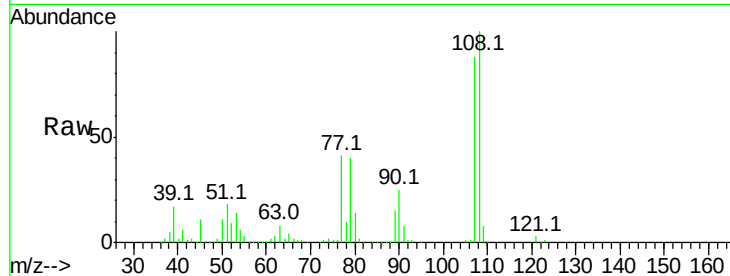
#17
2-Methylphenol
Concen: 41.13 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	93.0	139.6
77	46.2	39.8	59.8
79	45.1	38.0	57.0

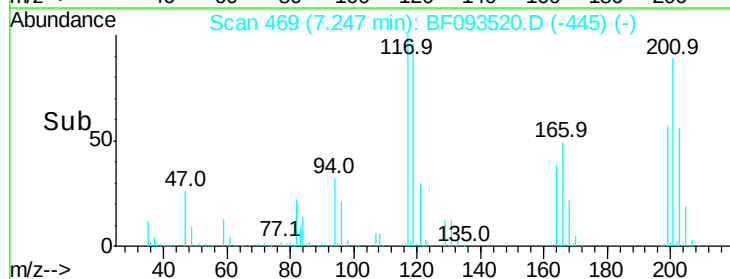
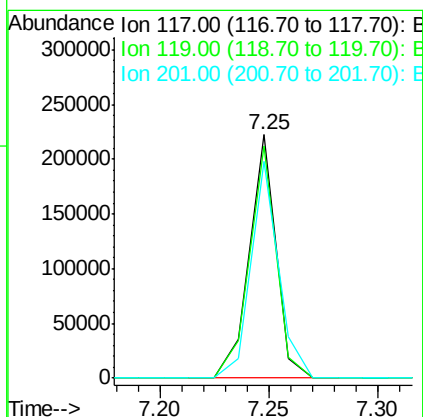
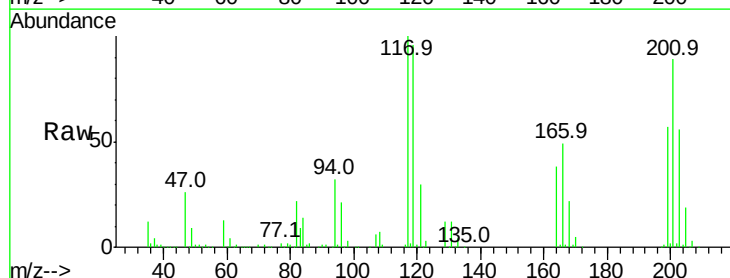
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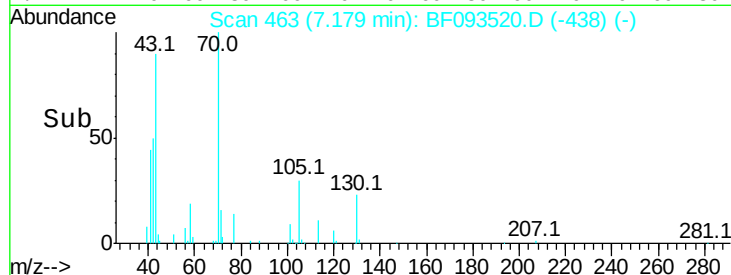
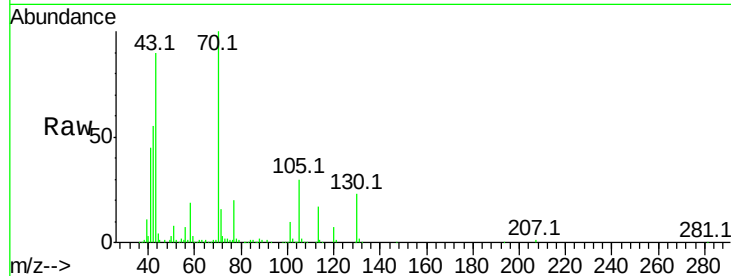
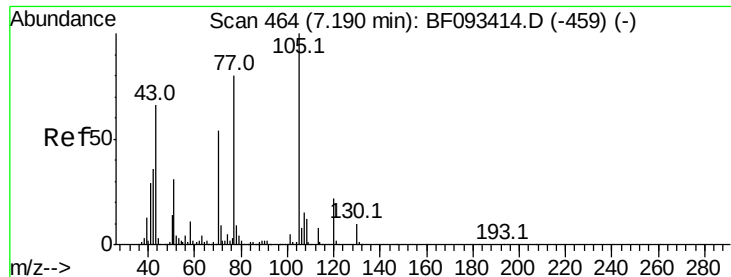
mohammad
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#18
Hexachloroethane
Concen: 40.04 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.1	117.1
201	88.9	78.6	117.8





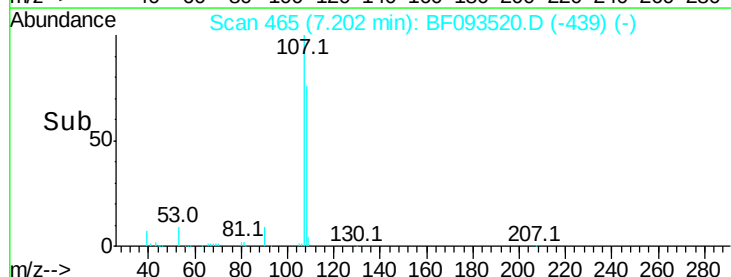
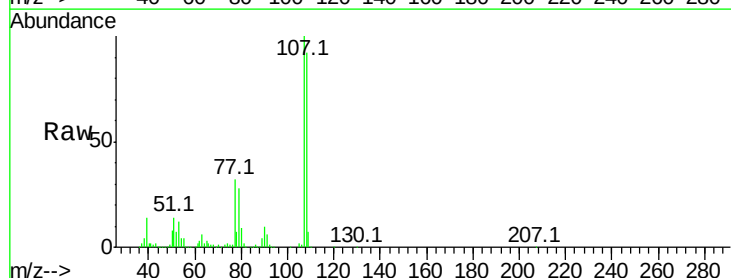
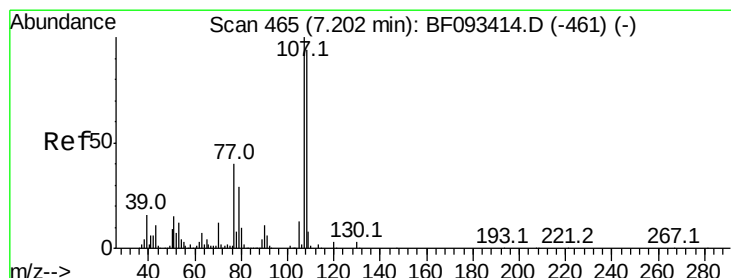
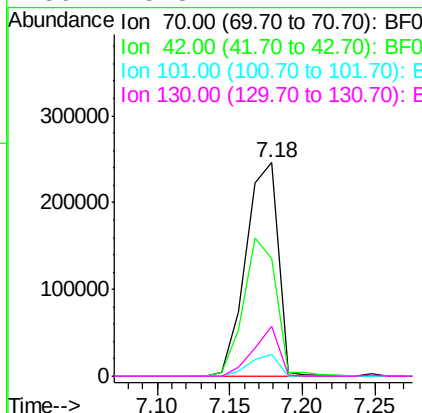
#19
n-Nitroso-di-n-propylamine
Concen: 41.18 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.0	49.4	74.0
101	10.0	7.4	11.2
130	23.3	14.2	21.4

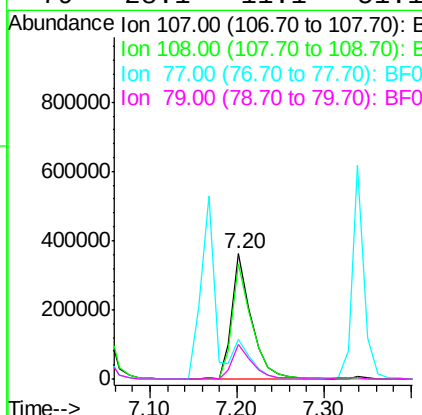
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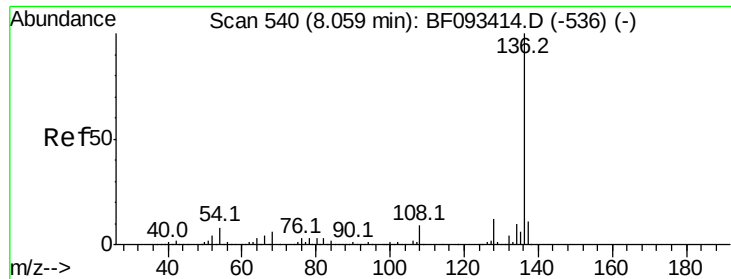
mohammad
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#20
3+4-Methylphenols
Concen: 42.90 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	73.0	113.0
77	31.9	71.3	111.3
79	28.1	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

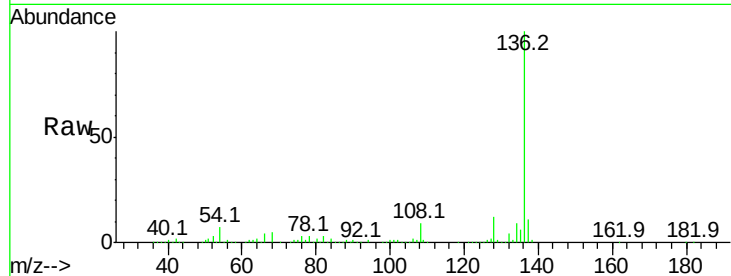
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	605721		
137	10.6		8.4	12.6
54	6.7		4.5	6.7
68	4.9		3.6	5.4

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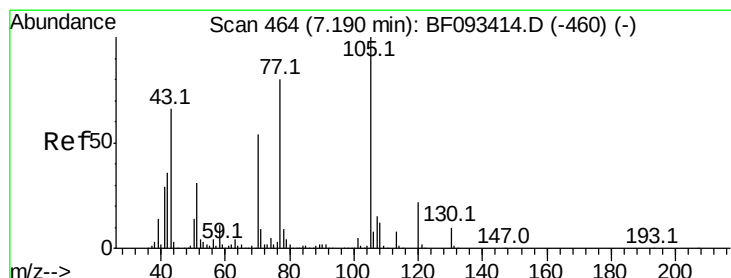
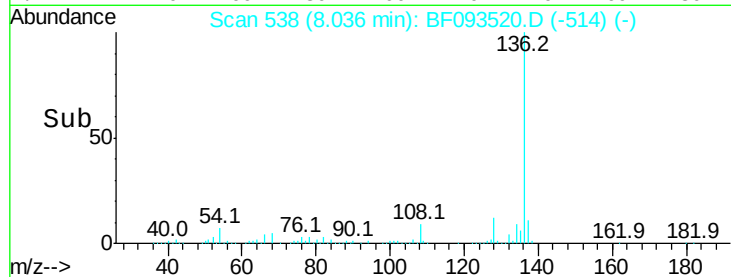
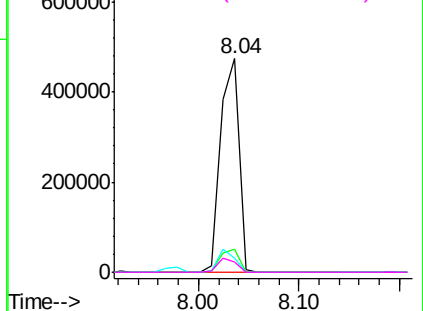


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 48.93 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

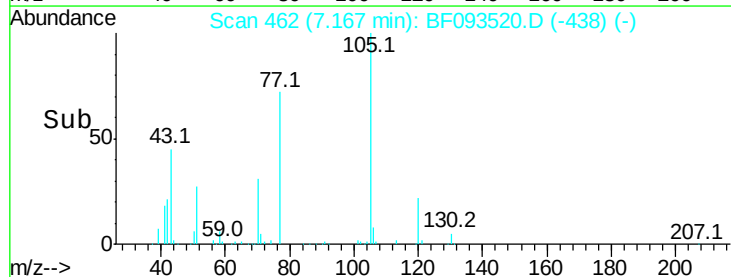
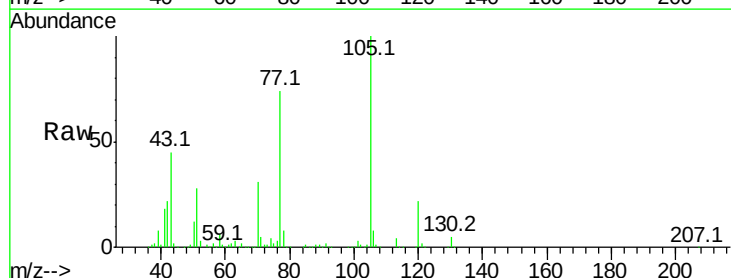
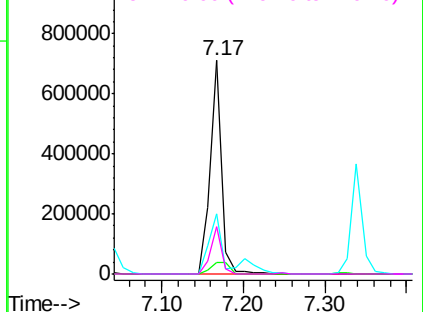
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	713194		
71	5.3		3.2	4.8#
51	28.0		26.2	39.4
120	21.9		16.6	24.8

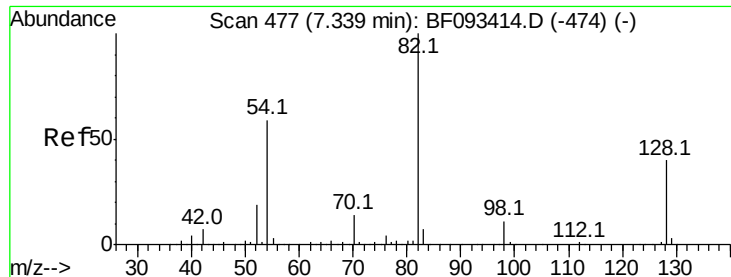
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





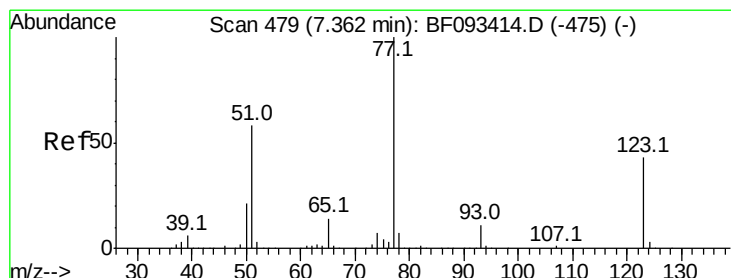
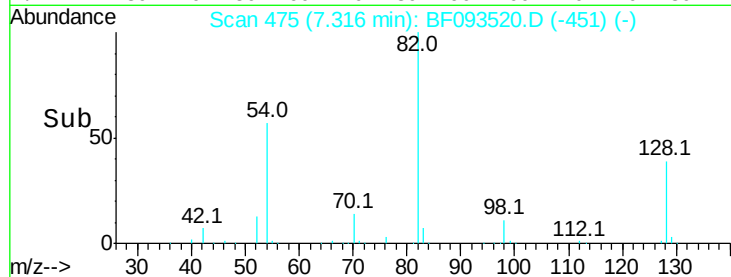
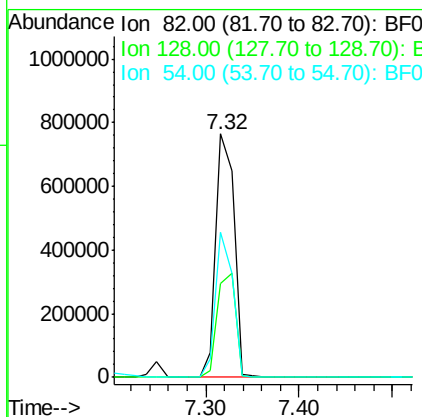
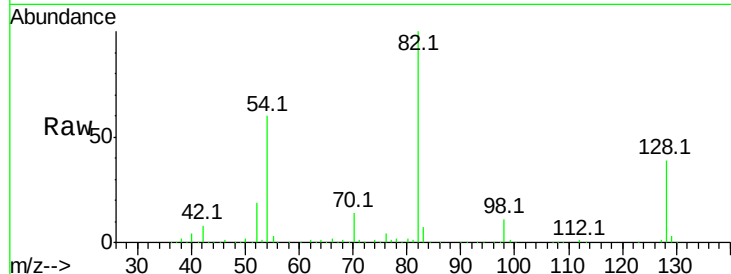
#23
 Nitrobenzene-d5
 Concen: 95.11 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.8	34.6	52.0
54	59.8	39.5	59.3

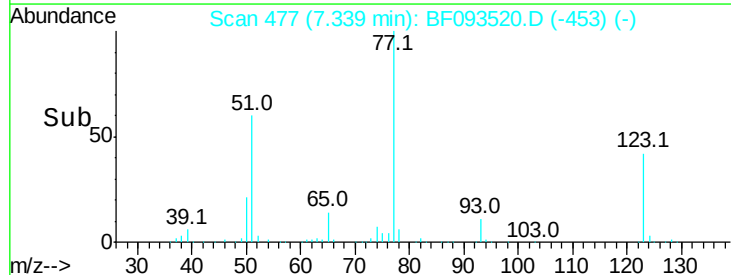
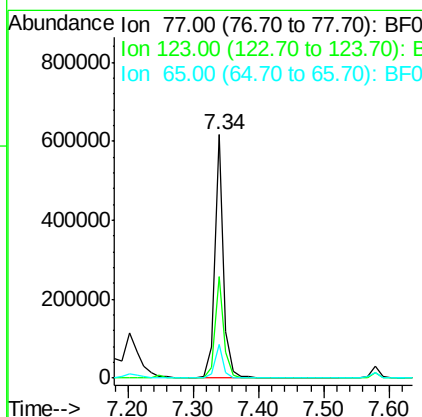
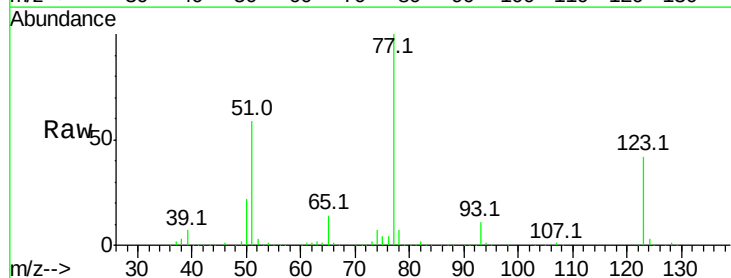
Manual Integrations
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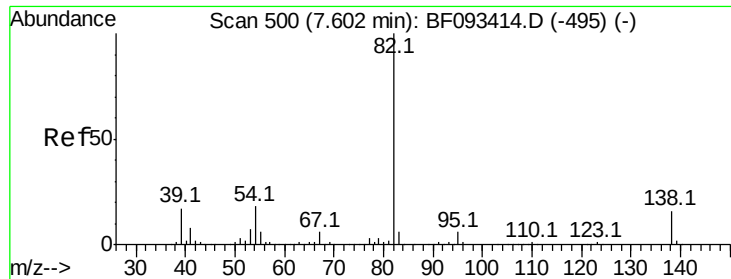
mohammad
 3/13/2017 5:28:38 PM



#24
 Nitrobenzene
 Concen: 47.21 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.5	33.0	49.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 42.70 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

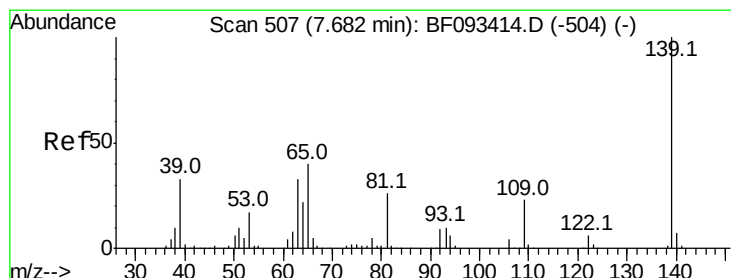
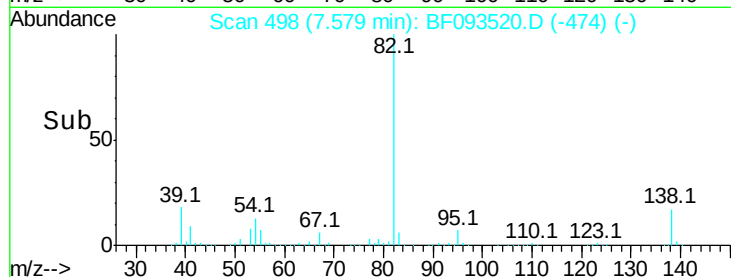
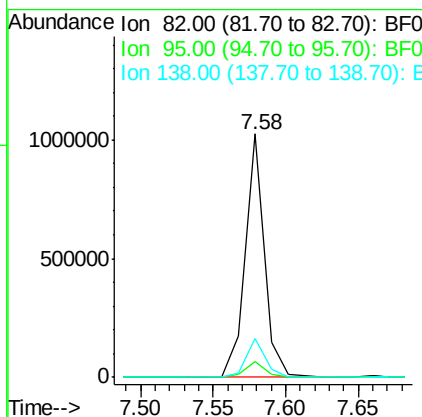
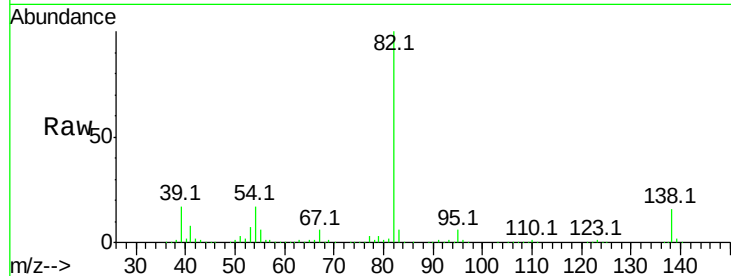
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	940056
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.6	8.4
138	16.0	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.98 ng

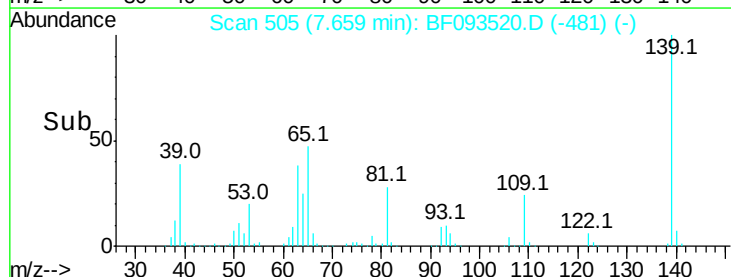
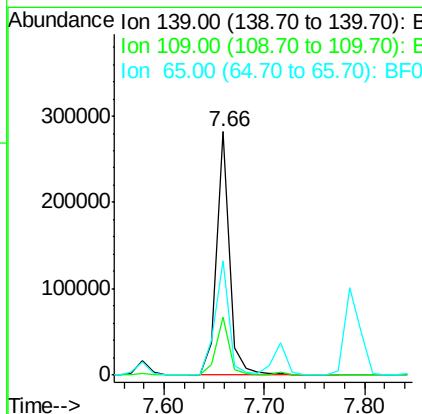
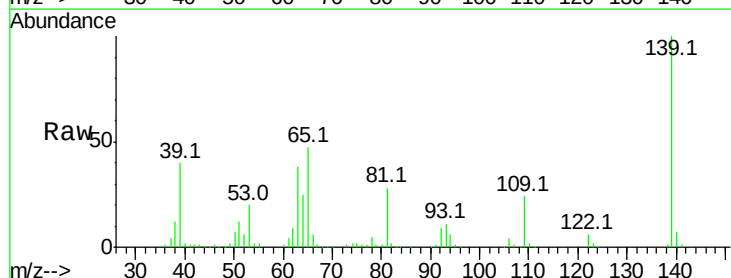
RT: 7.66 min Scan# 505

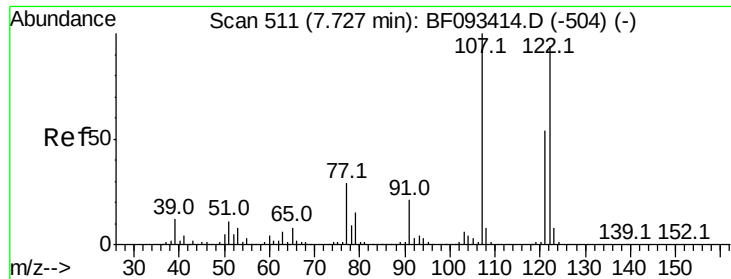
Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Tgt Ion:	139	Resp:	251772
Ion Ratio	Lower	Upper	
139	100		
109	24.1	23.3	34.9
65	47.2	42.7	64.1





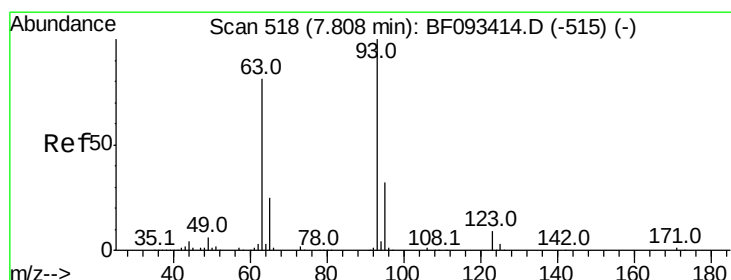
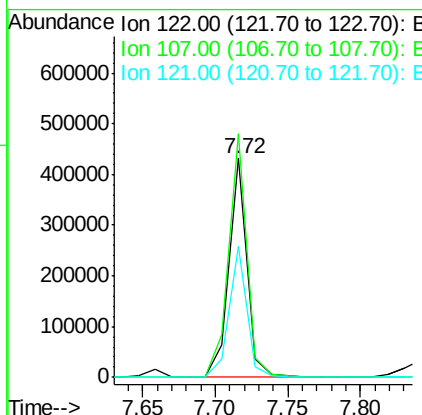
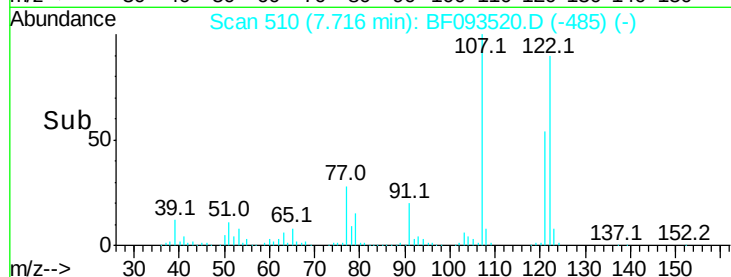
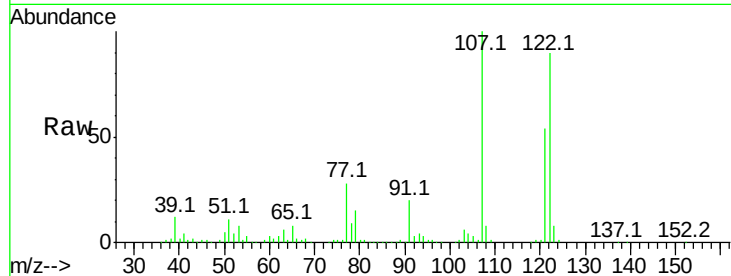
#27
2,4-Dimethylphenol
Concen: 40.42 ng
RT: 7.72 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	94.1	141.1
121	59.9	46.0	69.0

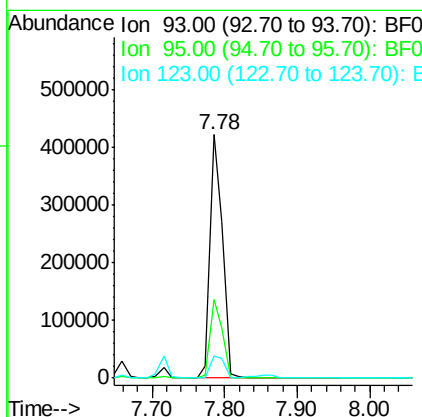
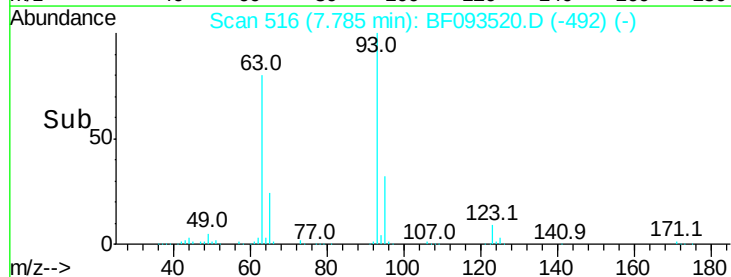
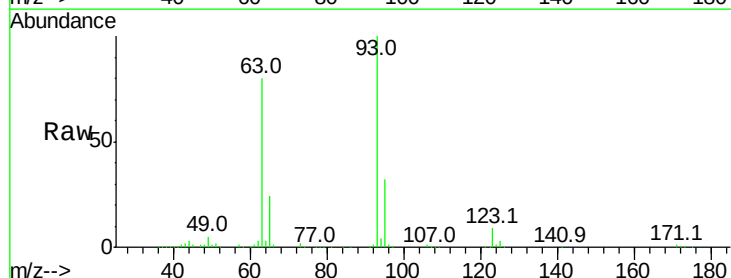
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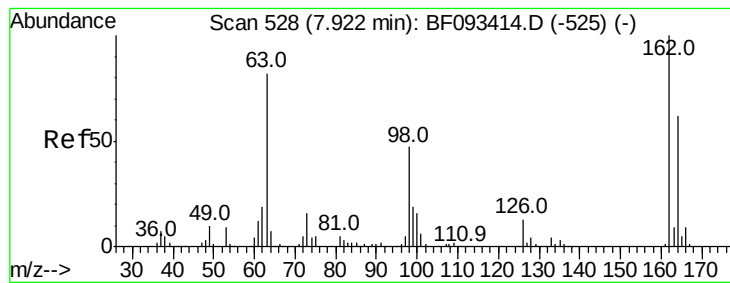
mohammad
3/13/2017 5:28:38 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.08 ng
RT: 7.78 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	9.0	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 43.11 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

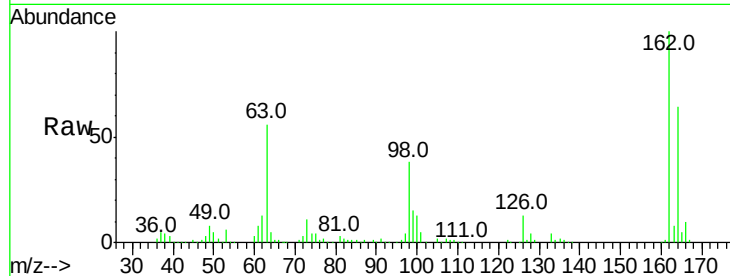
ClientSampleId :

SSTDCCC040

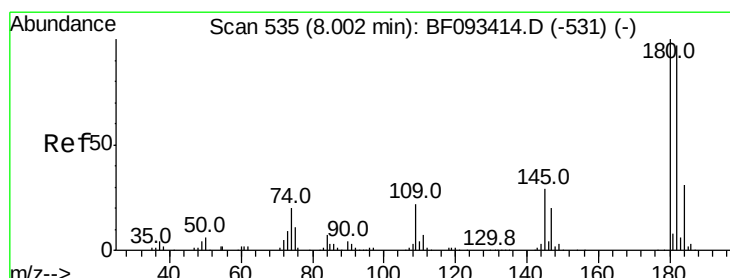
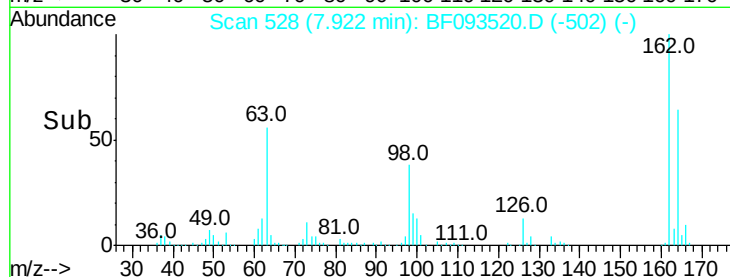
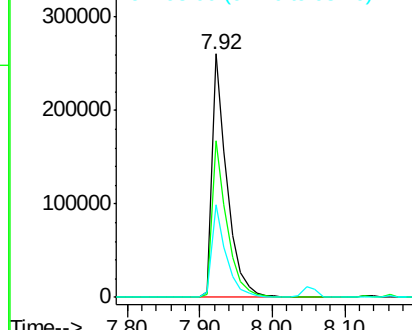
Tot Ion:	162	Resp:	369345
Ion Ratio	Lower	Upper	
162	100		
164	64.3	46.8	86.8
98	38.0	9.1	49.1

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.72 ng

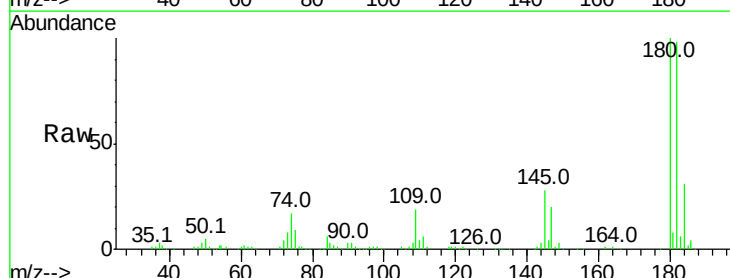
RT: 7.98 min Scan# 533

Delta R.T. -0.02 min

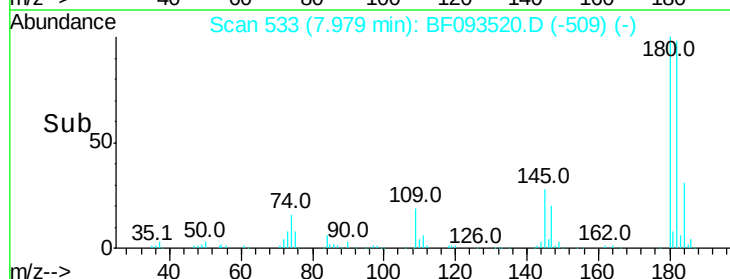
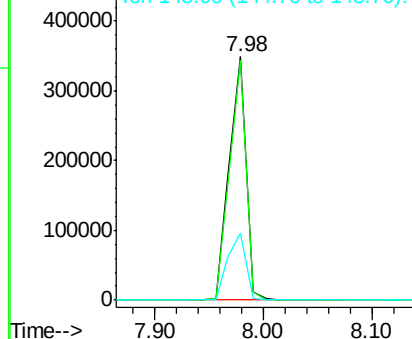
Lab File: BF093520.D

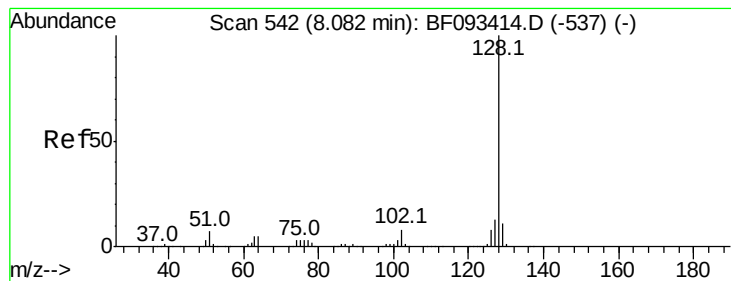
Acq: 10 Mar 2017 13:54

Tgt Ion:	180	Resp:	370995
Ion Ratio	Lower	Upper	
180	100		
182	98.3	78.2	117.4
145	27.7	21.6	32.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.03 ng

RT: 8.05 min Scan# 539

Delta R.T. -0.03 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1184741

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

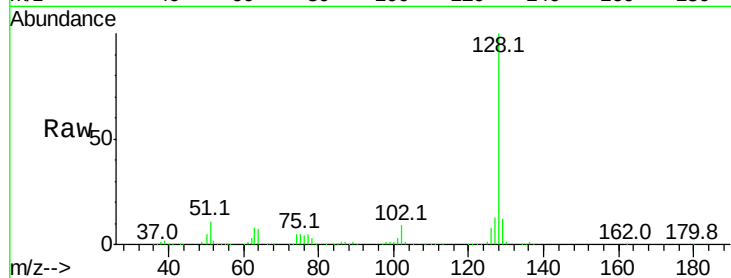
127 13.2 10.8 16.2

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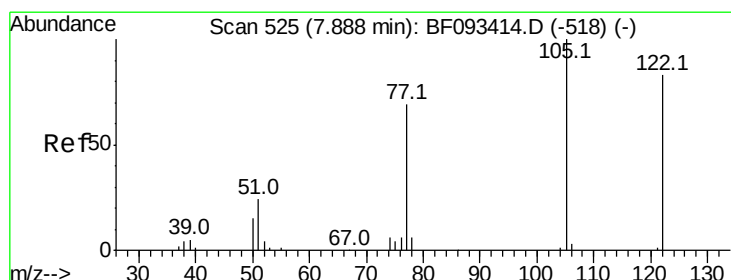
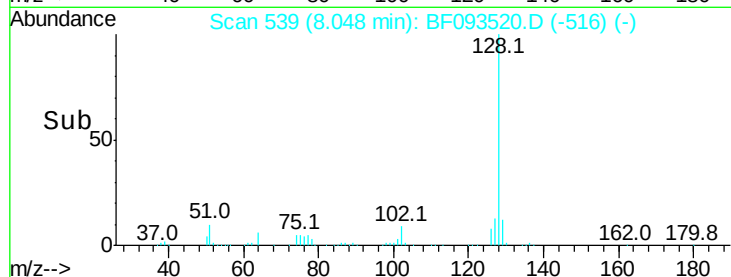
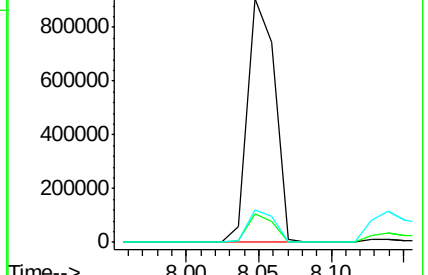
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.93 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

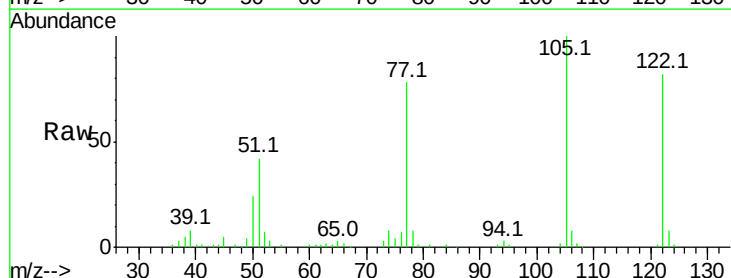
Tgt Ion:122 Resp: 136881

Ion Ratio Lower Upper

122 100

105 121.5 107.2 147.2

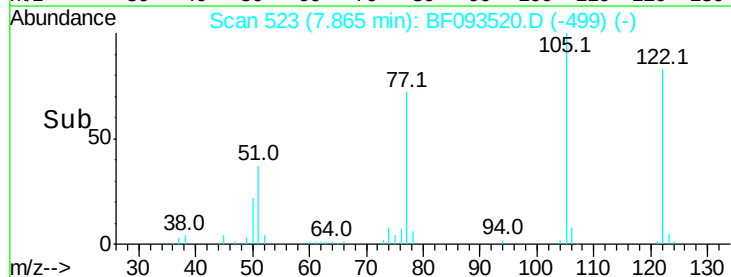
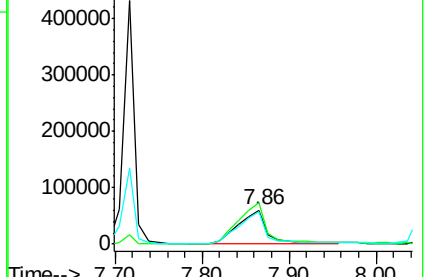
77 94.8 74.5 114.5

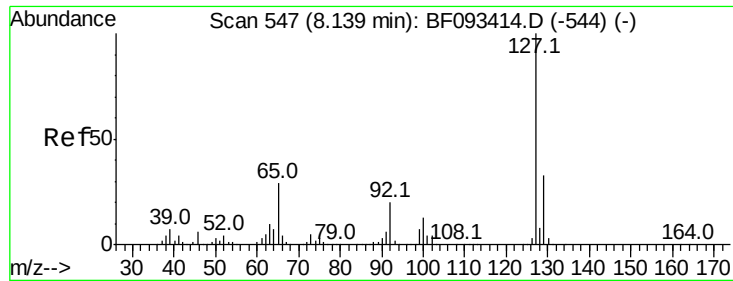


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





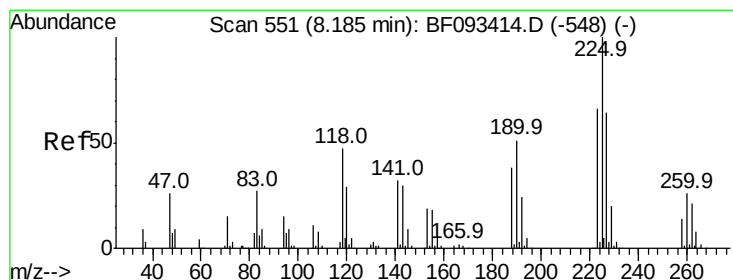
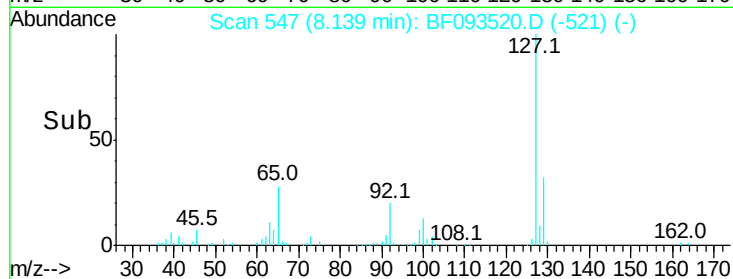
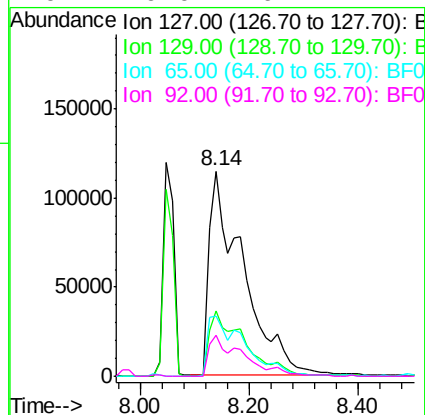
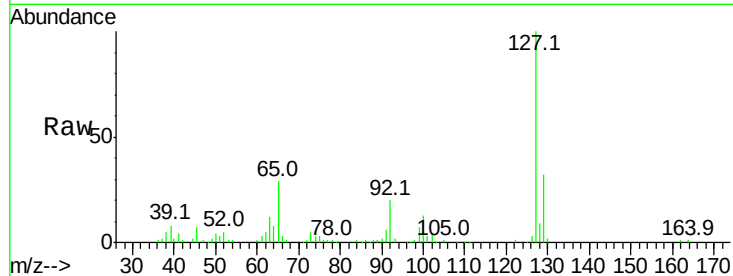
#33
4-Chloroaniline
Concen: 40.56 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100	499636		
129	31.6	26.3	39.5	
65	29.2	25.8	38.8	
92	20.0	16.1	24.1	

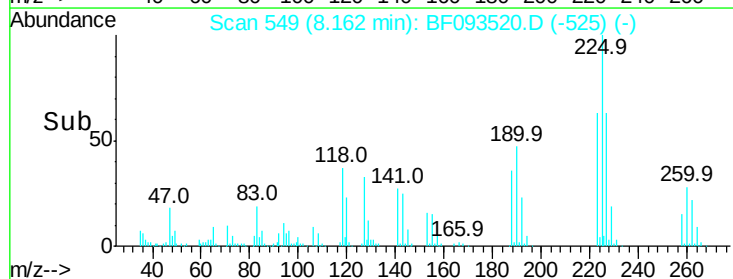
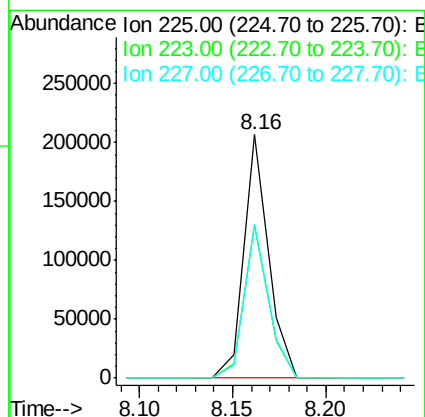
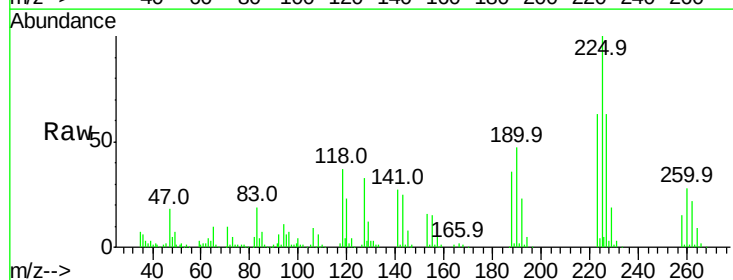
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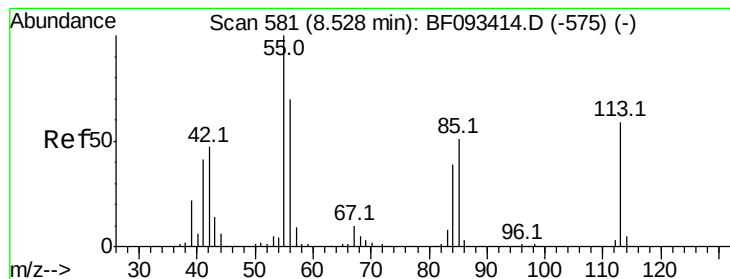
mohammad
3/13/2017 5:28:38 PM



#34
Hexachlorobutadiene
Concen: 40.58 ng
RT: 8.16 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	190456		
223	62.7	51.0	76.6	
227	63.3	50.6	76.0	





#35

Caprolactam

Concen: 37.98 ng

RT: 8.49 min Scan# 578

Delta R.T. -0.03 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

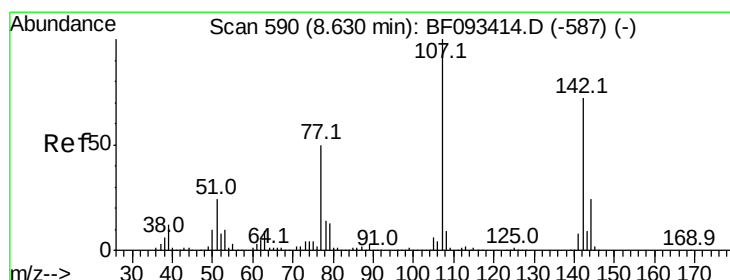
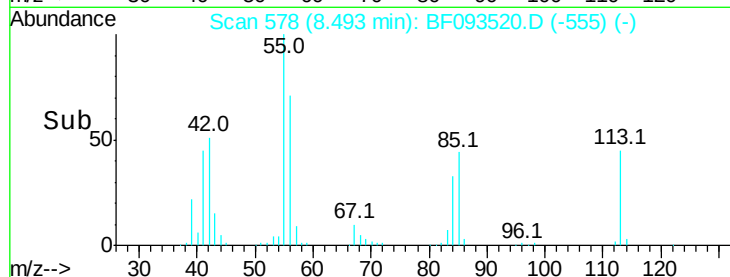
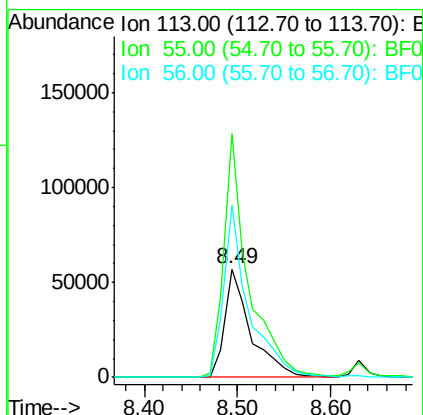
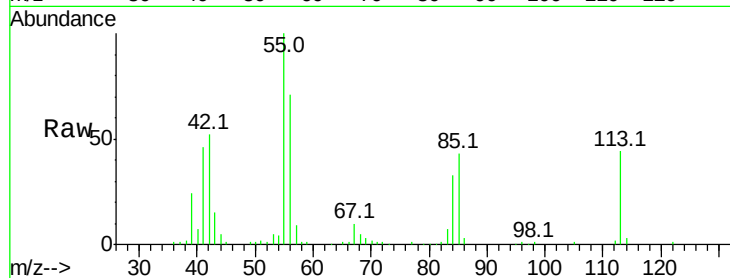
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	111136
Ion Ratio	Lower	Upper	
113	100		
55	225.3	119.2	159.2#
56	159.6	83.8	123.8#

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#36

4-Chloro-3-methylphenol

Concen: 37.79 ng

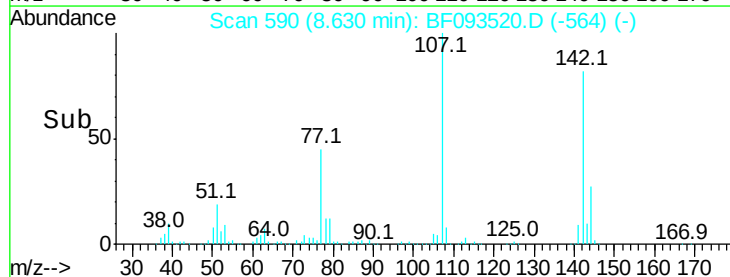
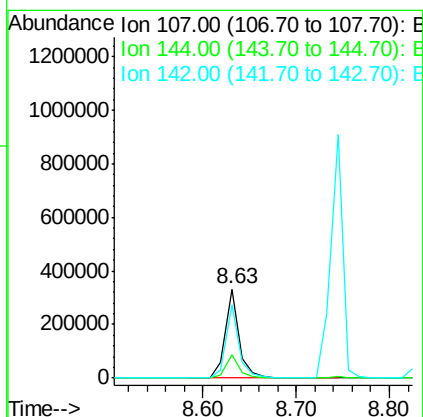
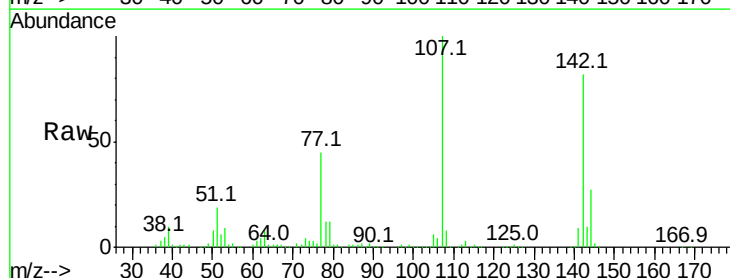
RT: 8.63 min Scan# 590

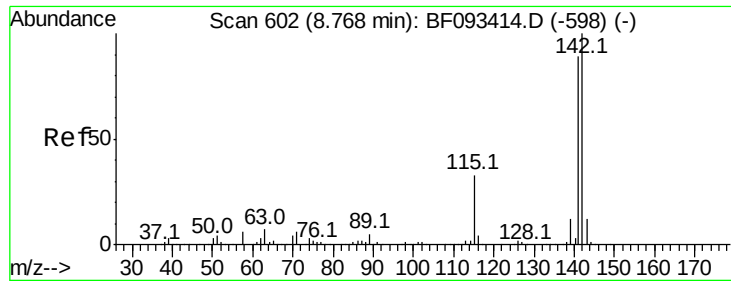
Delta R.T. 0.00 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Tgt Ion:	107	Resp:	345572
Ion Ratio	Lower	Upper	
107	100		
144	26.9	19.3	28.9
142	82.0	59.0	88.6





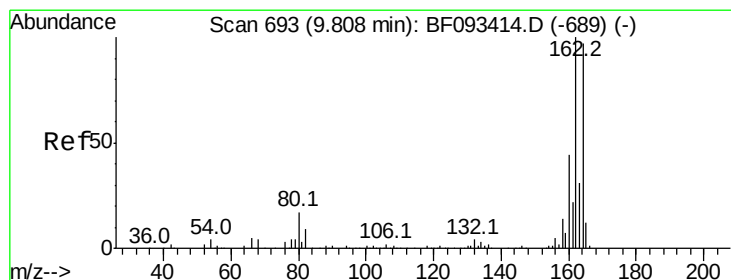
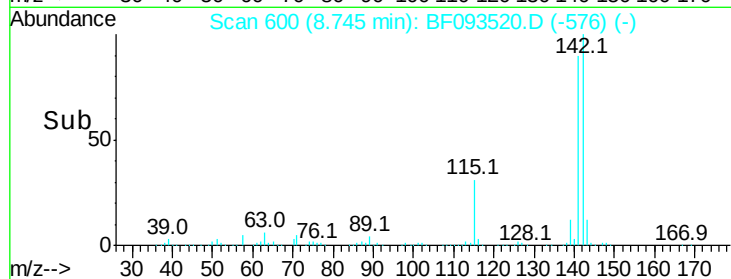
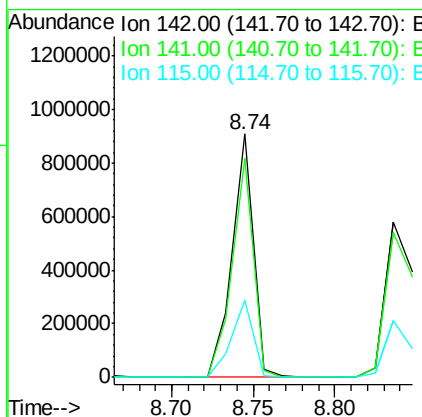
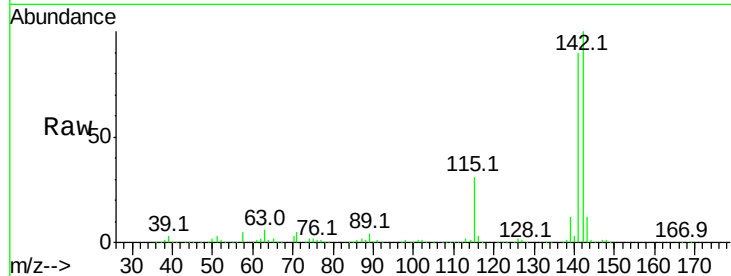
#37
 2-Methylnaphthalene
 Concen: 42.25 ng
 RT: 8.74 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	31.5	28.3	42.5

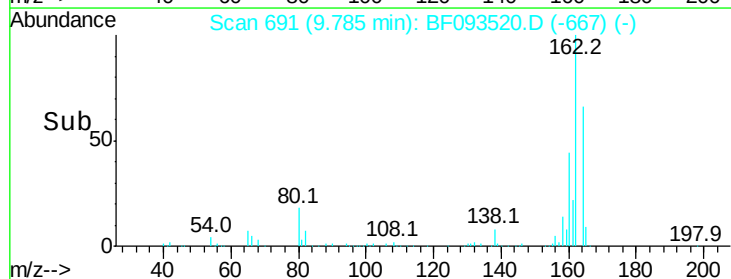
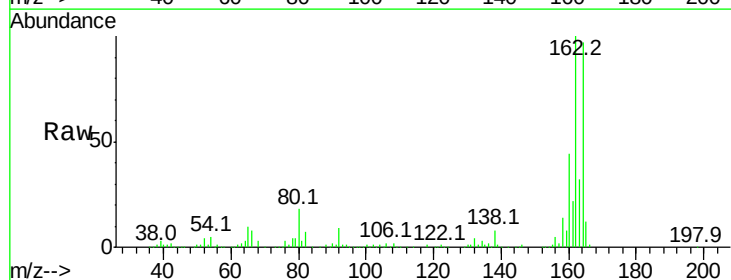
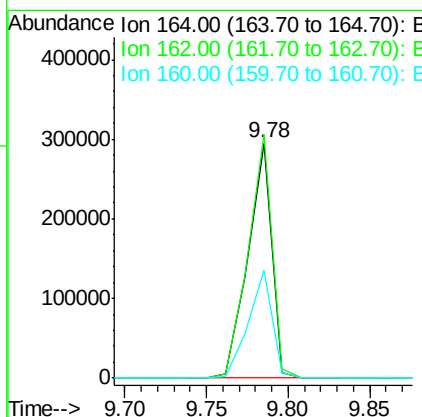
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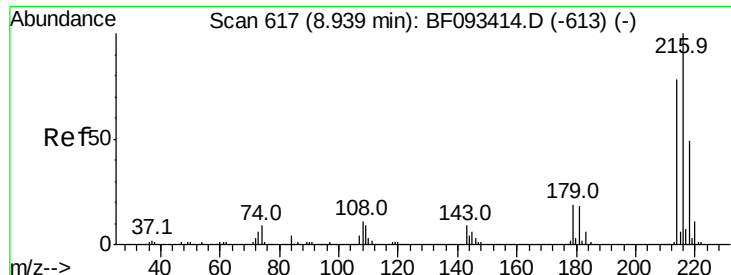
mohammad
 3/13/2017 5:28:38 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.2	120.2
160	45.8	36.9	55.3





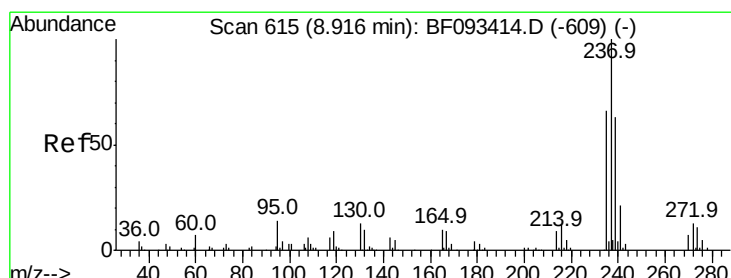
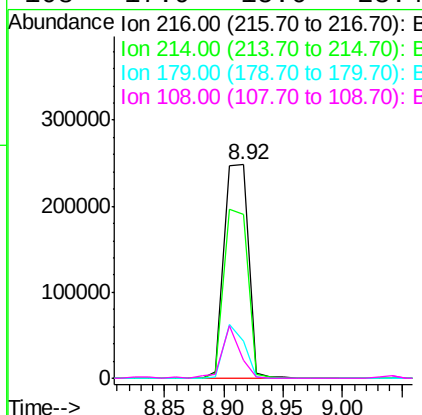
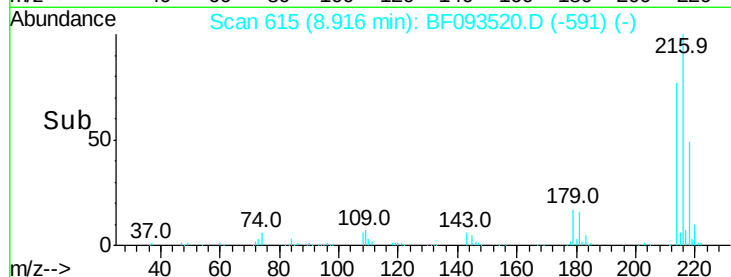
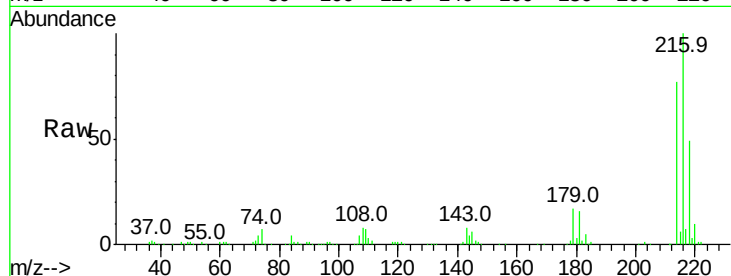
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.06 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	350465		
214	78.1		63.4	95.0
179	21.3		17.4	26.2
108	17.9		15.6	23.4

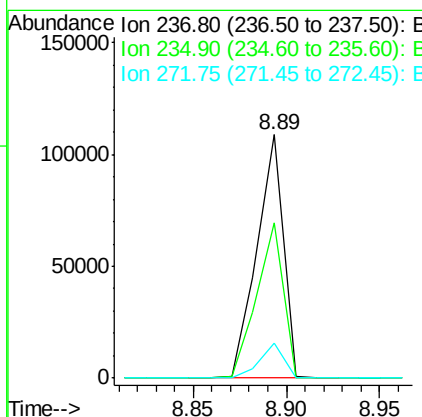
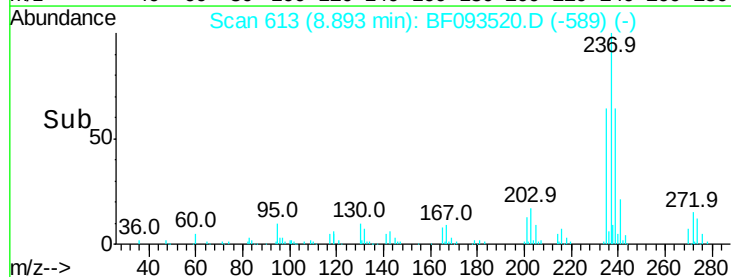
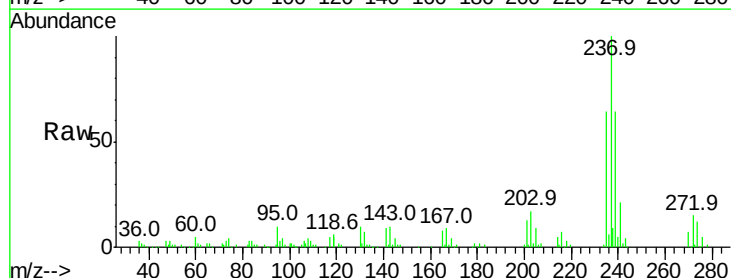
Manual Integrations
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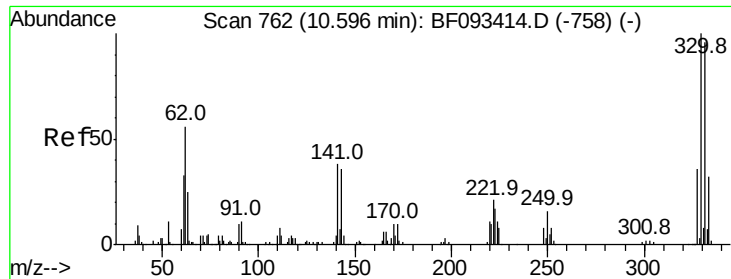
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 56.08 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	106445		
235	63.6		41.2	81.2
272	14.5		0.0	35.4





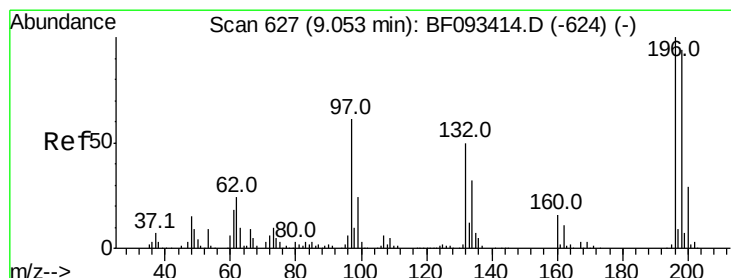
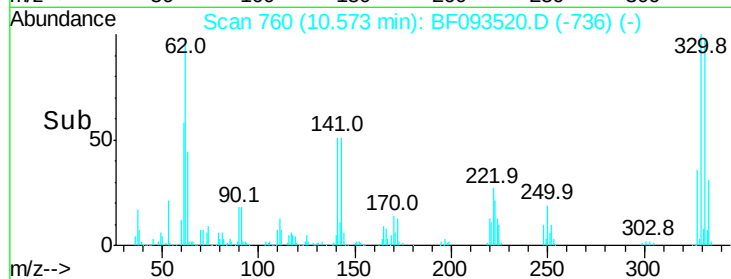
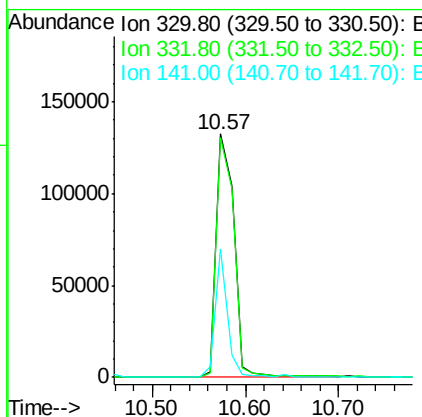
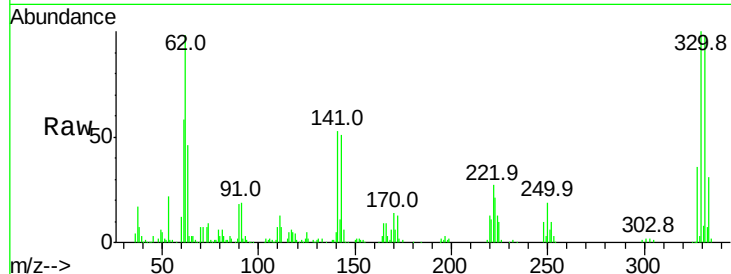
#41
 2,4,6-Tribromophenol
 Concen: 90.01 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	174815		
332	99.3	77.4	116.2	
141	35.7	34.1	51.1	

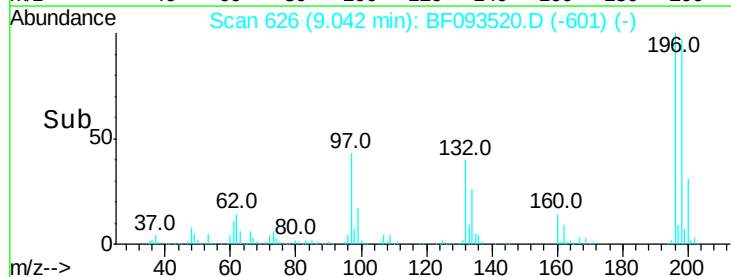
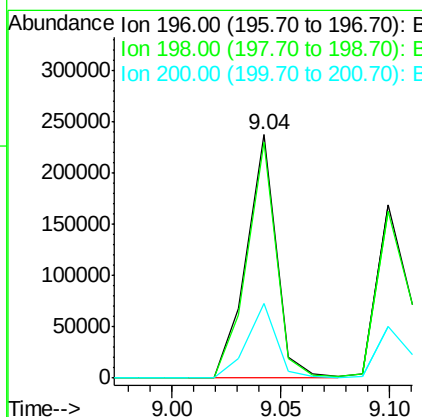
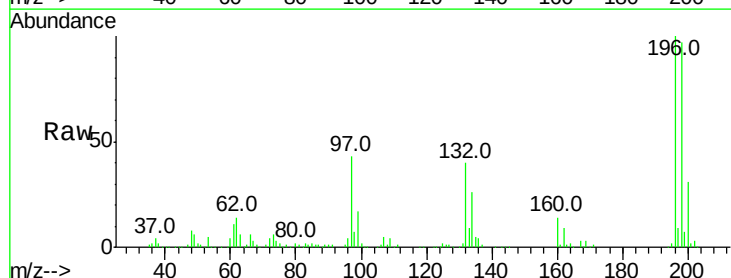
Manual Integrations
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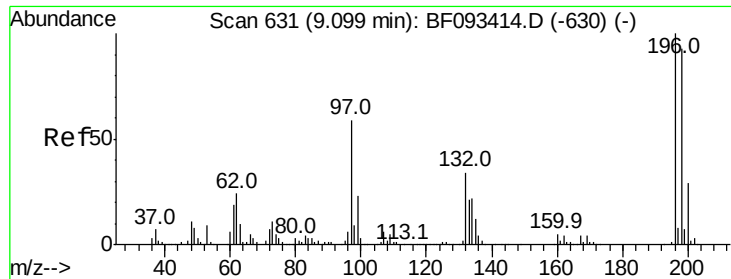
mohammad
 3/13/2017 5:28:38 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.60 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	226838		
198	97.0	82.1	123.1	
200	30.8	27.0	40.4	





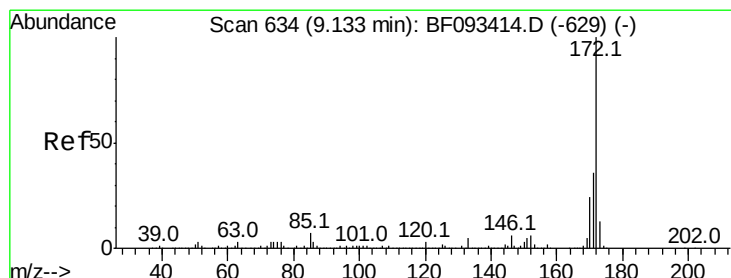
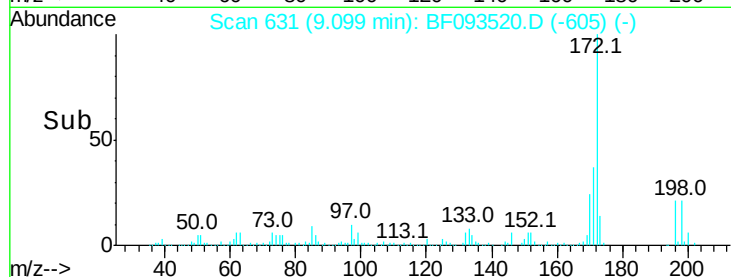
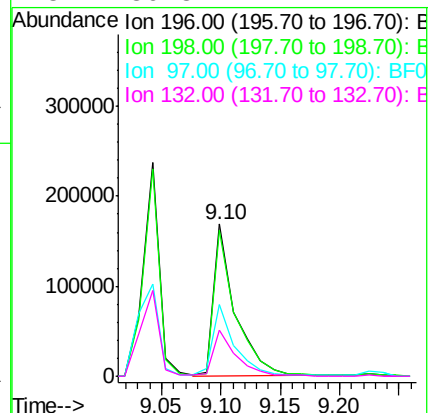
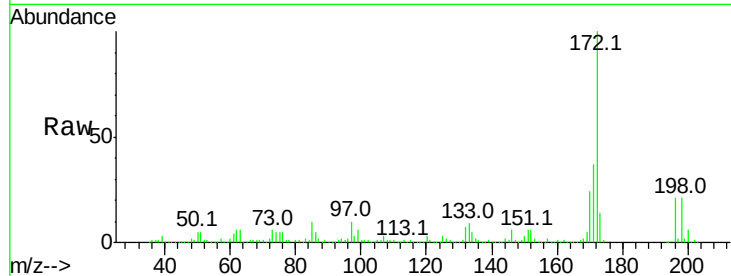
#43
 2,4,5-Trichlorophenol
 Concen: 39.13 ng
 RT: 9.10 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	213536		
198	96.2	79.4	119.2	
97	47.3	51.5	77.3	
132	30.8	27.4	41.2	

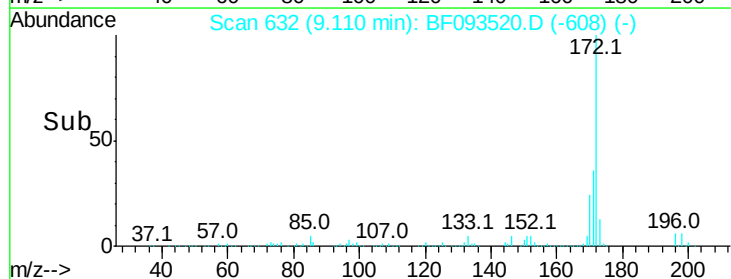
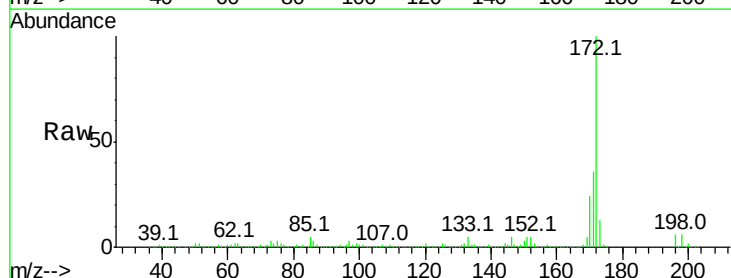
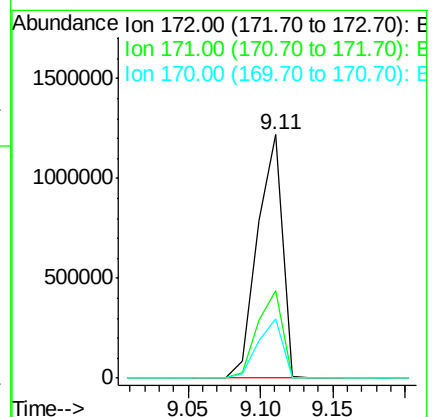
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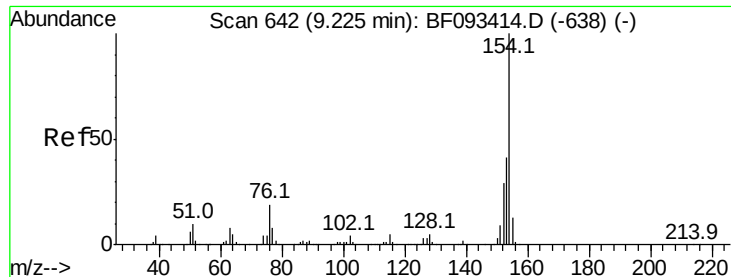
mohammad
 3/13/2017 5:28:38 PM



#44
 2-Fluorobiphenyl
 Concen: 90.18 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1445246		
171	35.9	29.4	44.0	
170	24.2	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 41.37 ng

RT: 9.20 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

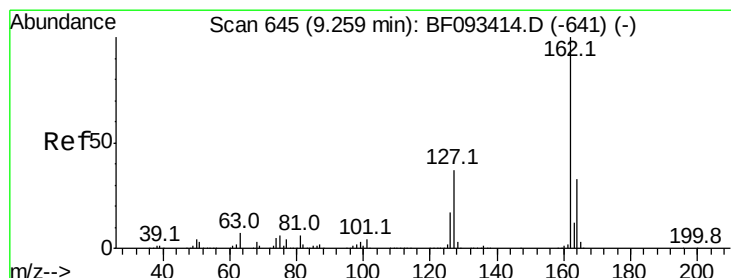
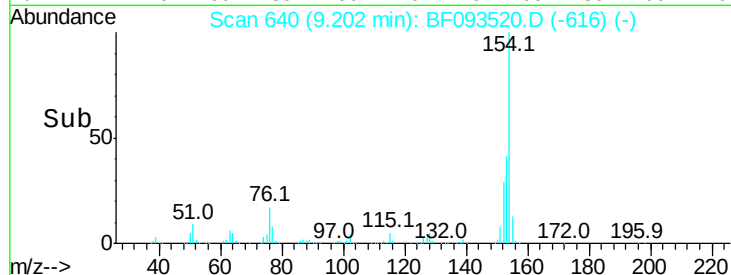
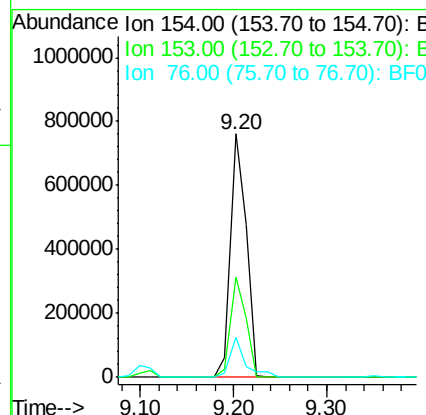
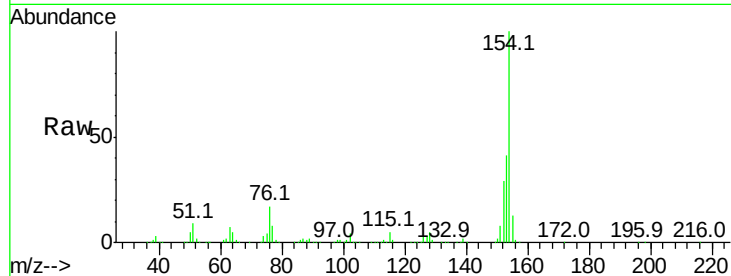
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	898401
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.9	60.9
76	16.7	0.0	30.5

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#46

2-Chloronaphthalene

Concen: 46.09 ng

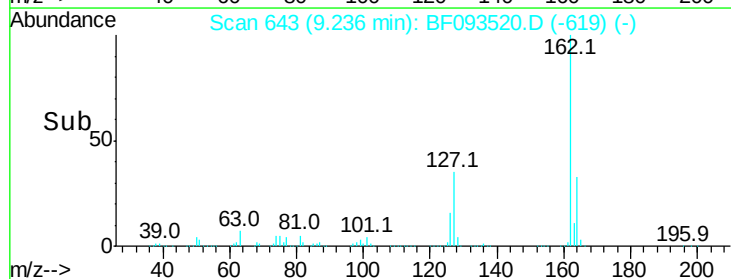
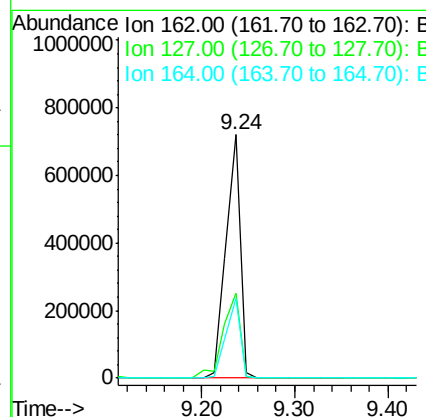
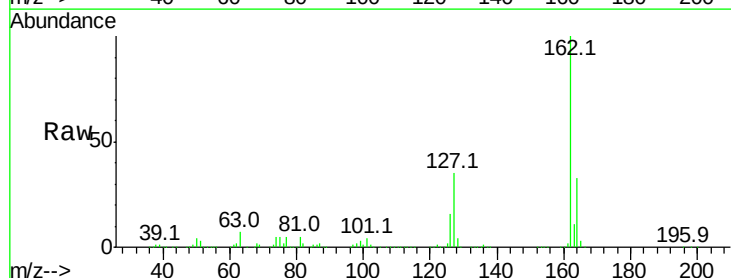
RT: 9.24 min Scan# 643

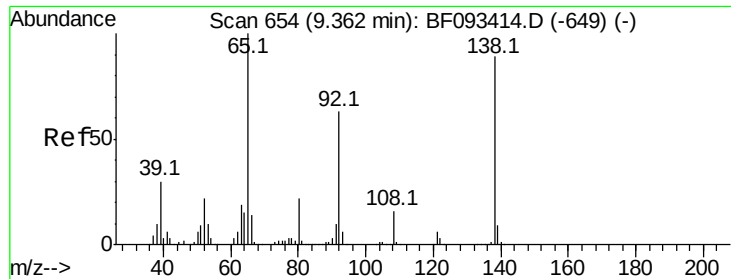
Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Tgt Ion:	162	Resp:	766122
Ion Ratio	Lower	Upper	
162	100		
127	34.9	30.7	46.1
164	33.0	27.6	41.4





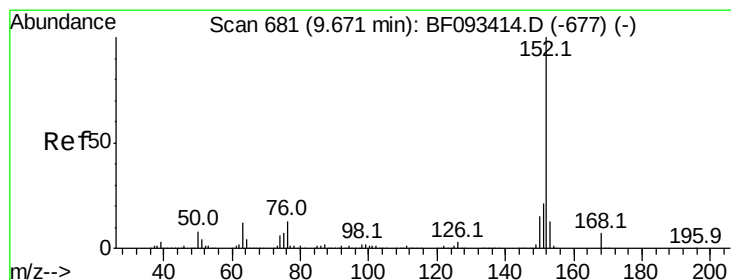
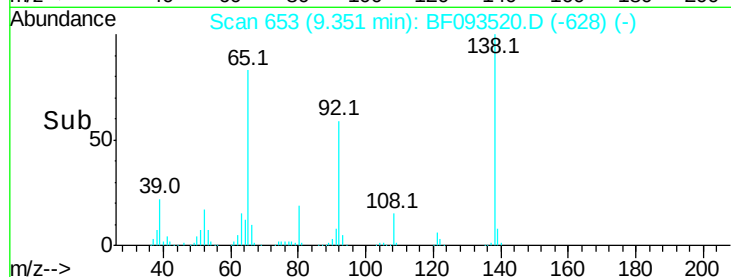
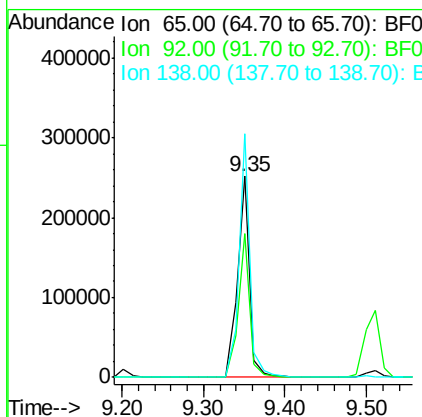
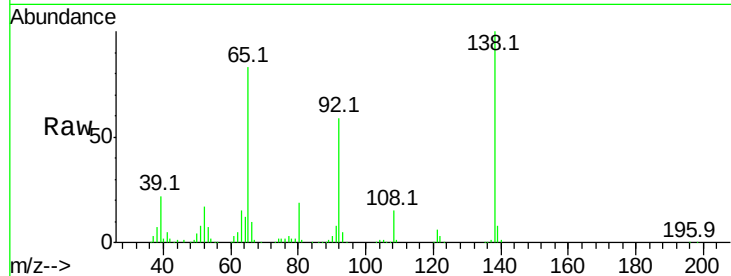
#47
2-Nitroaniline
Concen: 44.35 ng
RT: 9.35 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.7	53.9	80.9
138	121.2	76.8	115.2

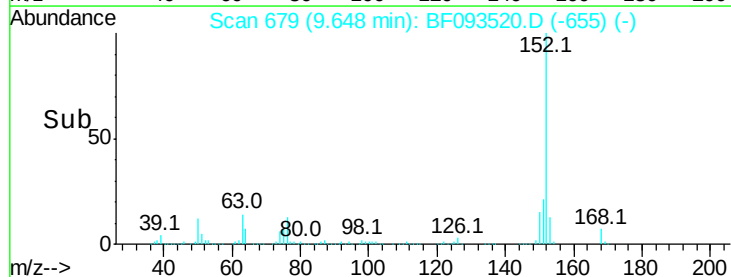
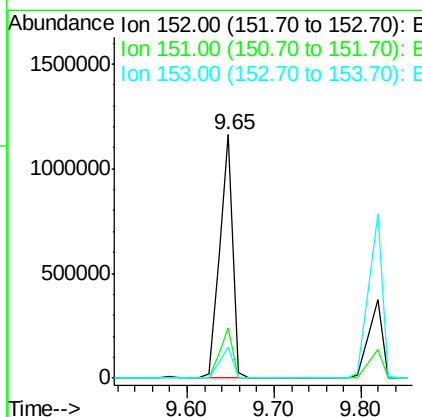
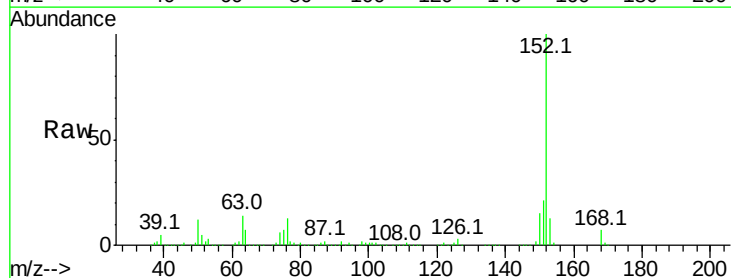
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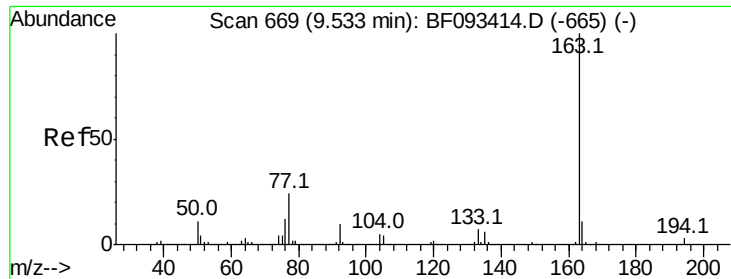
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#48
Acenaphthylene
Concen: 45.05 ng
RT: 9.65 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.0	11.4	17.2





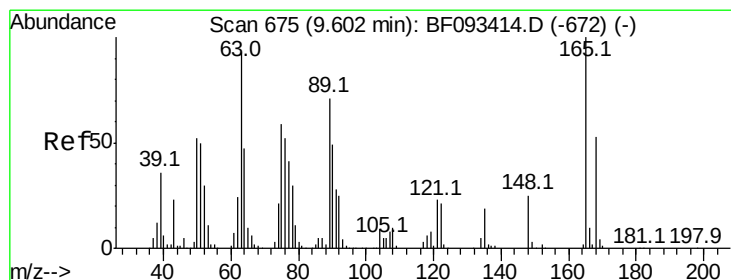
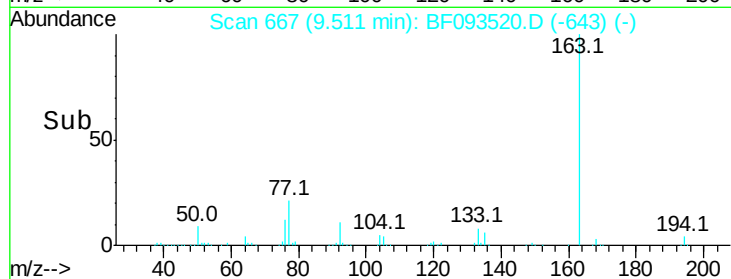
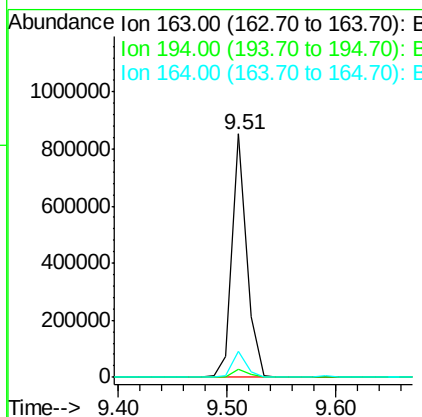
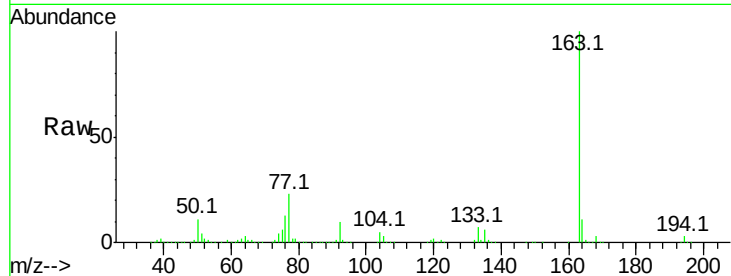
#49
Dimethylphthalate
Concen: 39.89 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	788355		
194	3.3		3.0	4.4
164	10.9		8.0	12.0

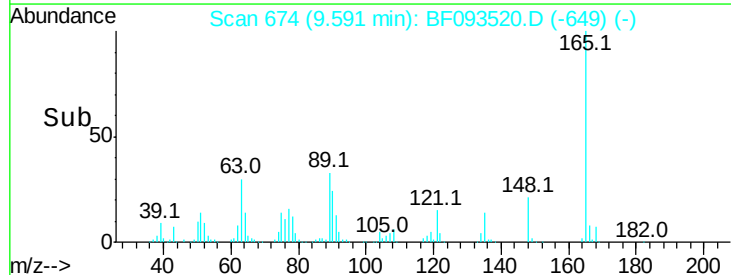
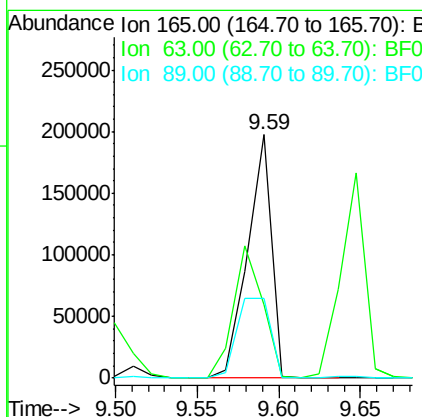
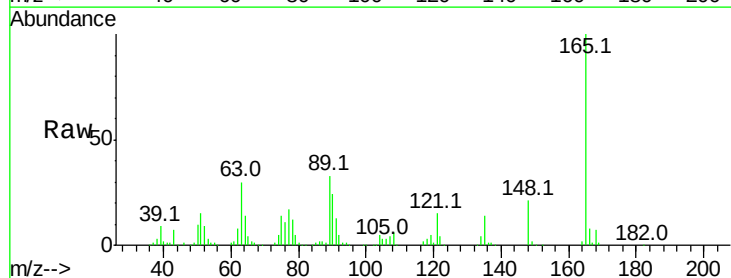
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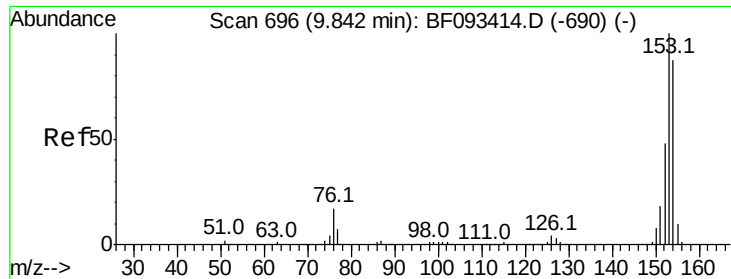
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#50
2,6-Dinitrotoluene
Concen: 46.23 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	200465		
63	30.0		36.2	54.4#
89	32.6		40.2	60.4#





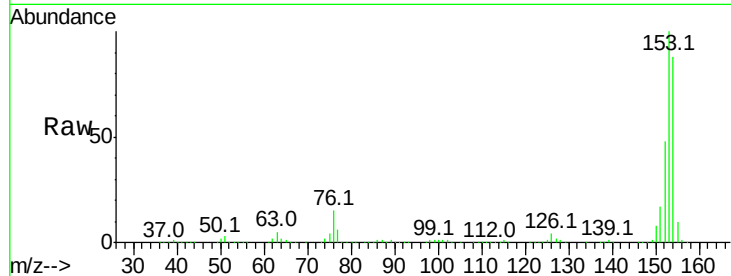
#51
Acenaphthene
Concen: 45.52 ng
RT: 9.82 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

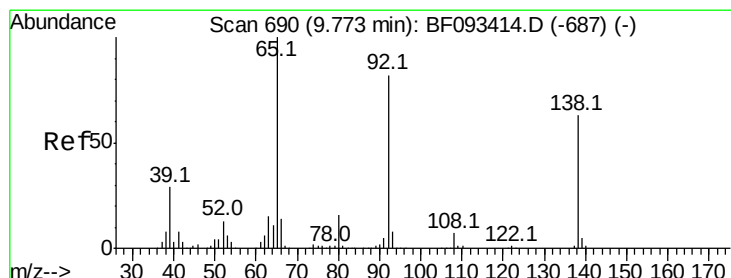
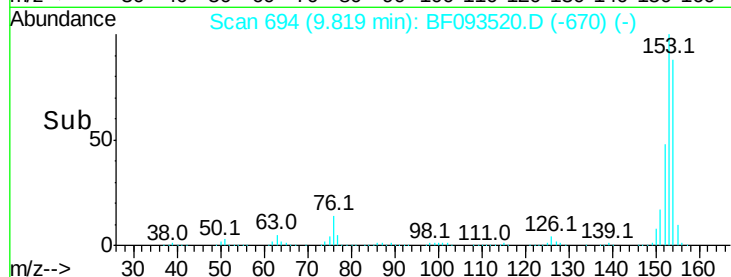
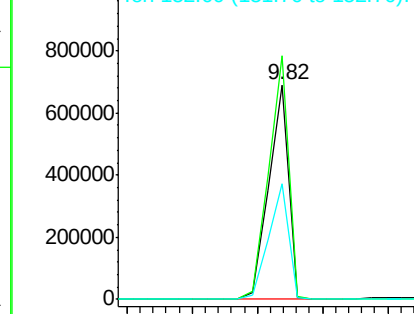
Tot Ion	Ratio	Lower	Upper
154	100		
153	113.5	88.6	133.0
152	54.1	41.6	62.4

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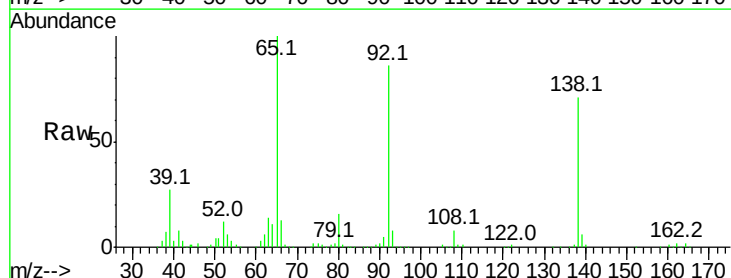


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

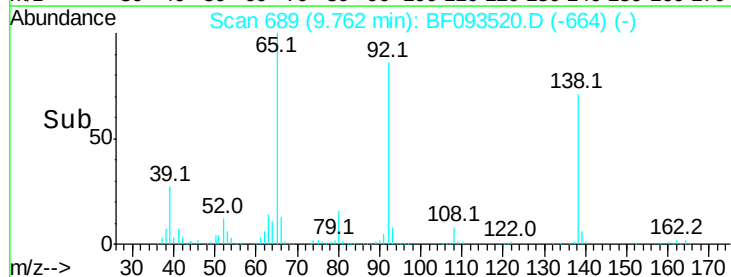
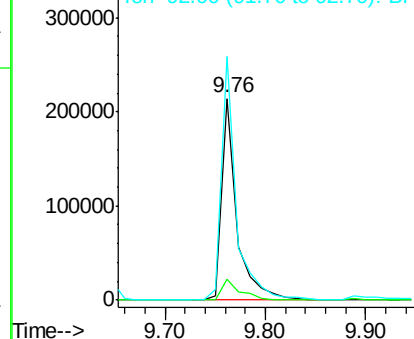


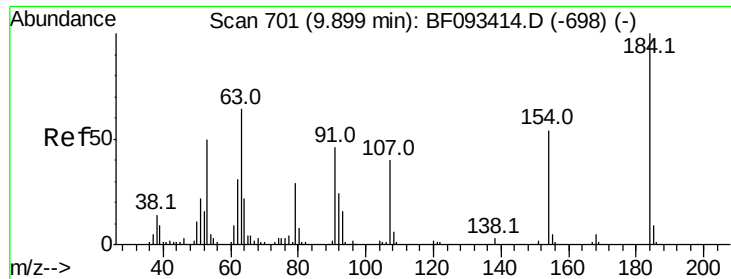
#52
3-Nitroaniline
Concen: 43.23 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.5	12.7
92	120.7	97.8	146.8



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





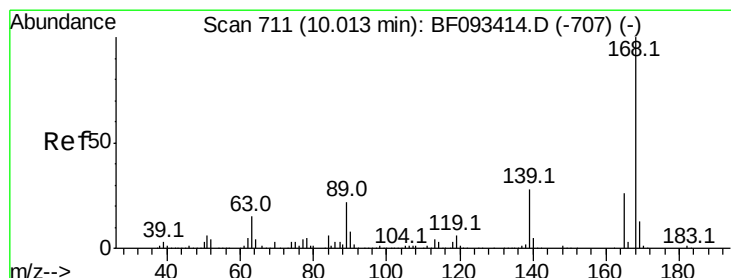
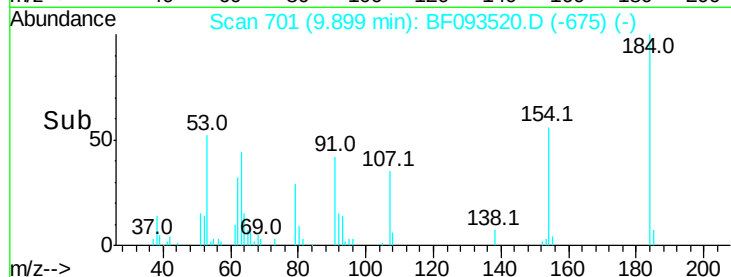
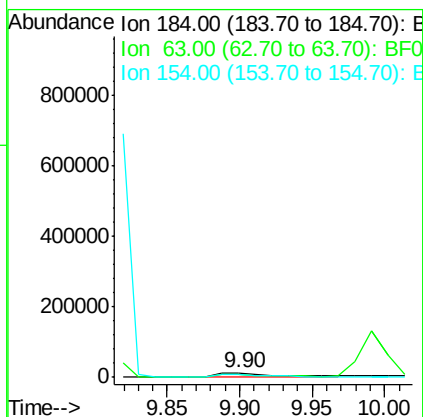
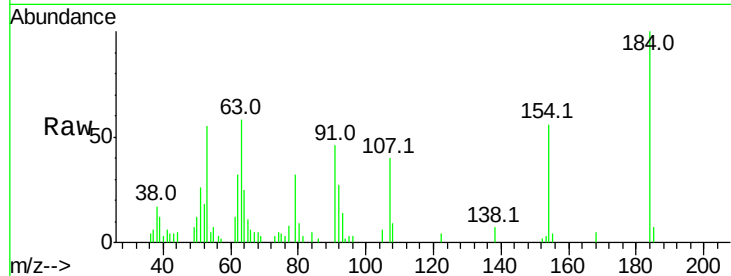
#53
 2,4-Dinitrophenol
 Concen: 19.76 ng
 RT: 9.90 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	57.7	28.4	42.6	#
154	55.5	44.3	66.5	

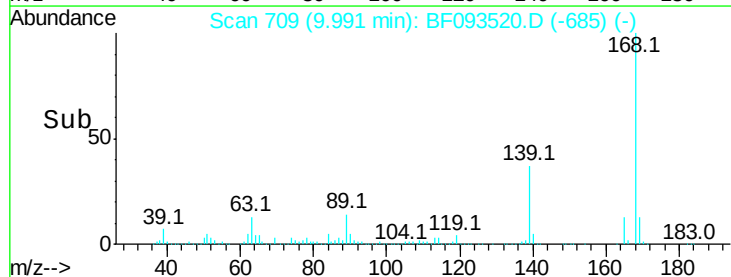
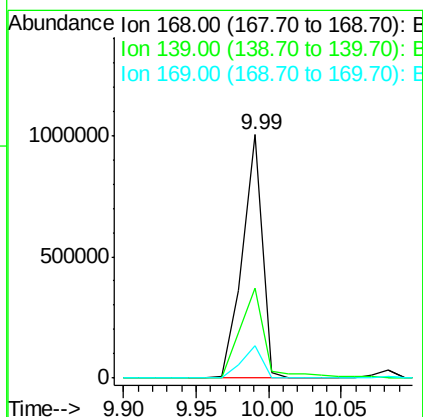
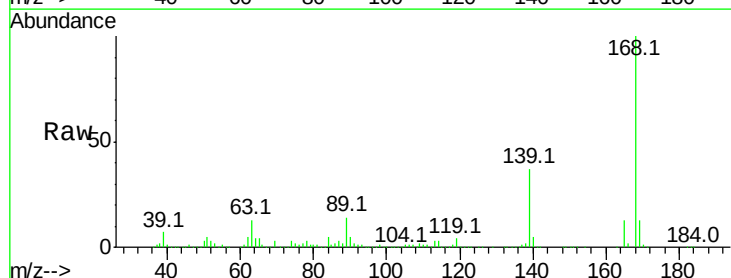
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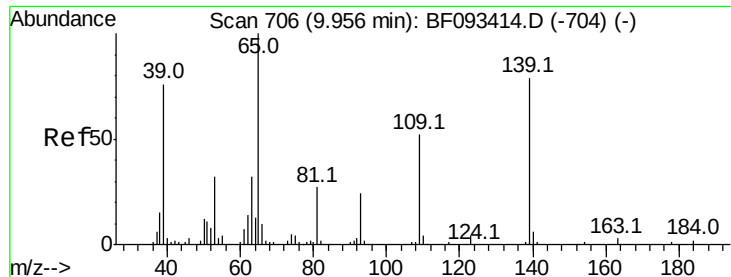
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#54
 Dibenzofuran
 Concen: 47.36 ng
 RT: 9.99 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.0	32.6	49.0	
169	13.2	11.3	16.9	





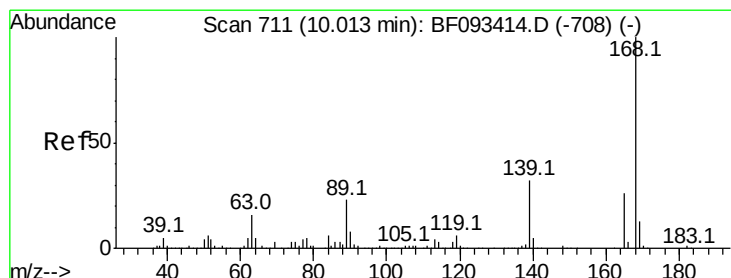
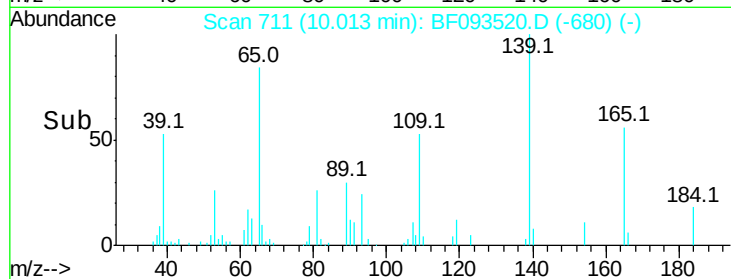
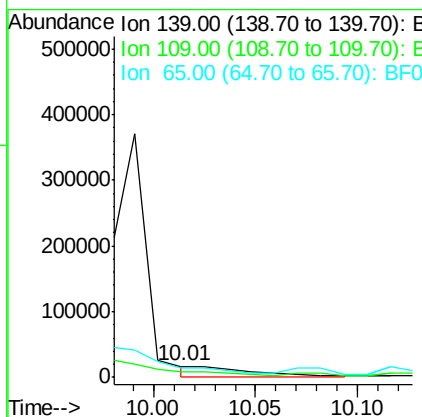
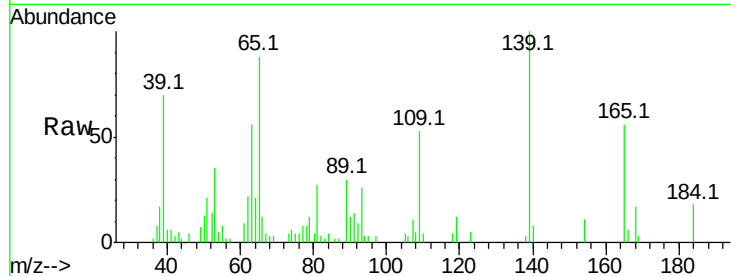
#55
4-Nitrophenol
Concen: 14.16 ng/mL
RT: 10.01 min Scan# 711
Delta R.T. 0.06 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	52.9	52.2	92.2
65	88.3	85.8	125.8

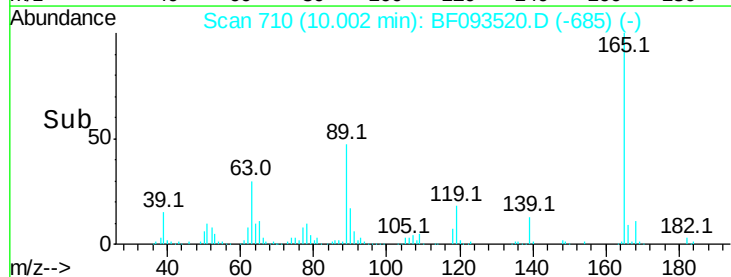
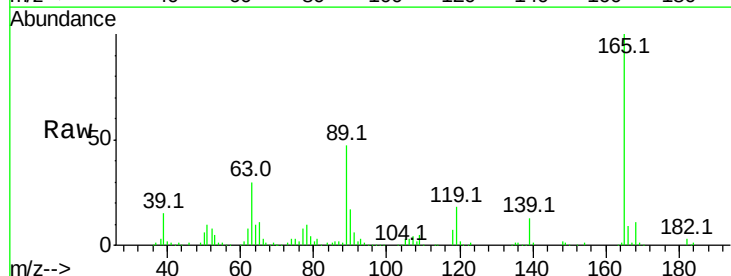
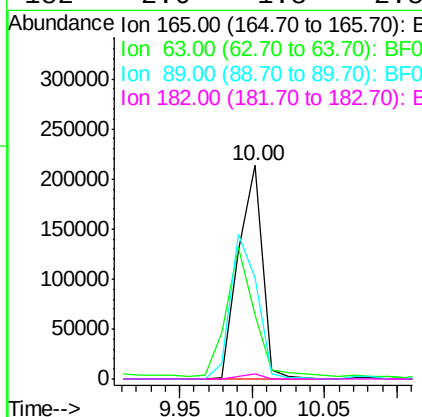
Manual Integrations
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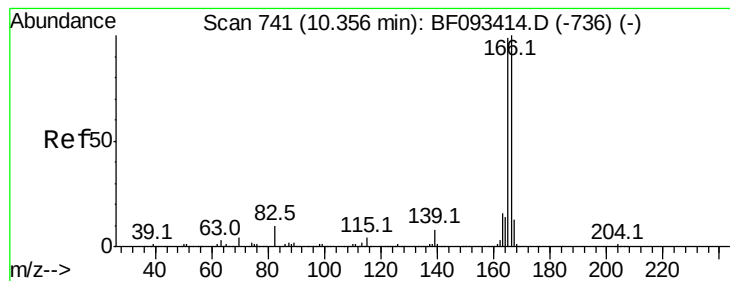
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#56
2,4-Dinitrotoluene
Concen: 45.89 ng/mL
RT: 10.00 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.1	40.2	60.4#
89	47.2	62.5	93.7#
182	2.6	1.8	2.8





#57

Fluorene

Concen: 49.71 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

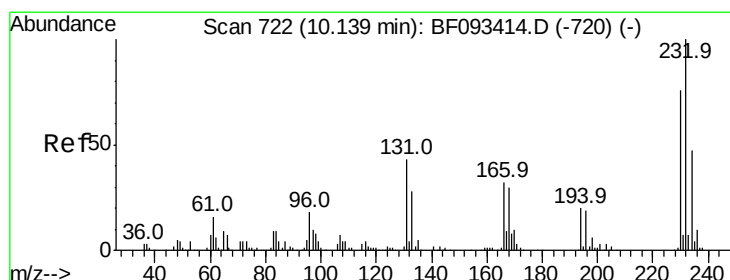
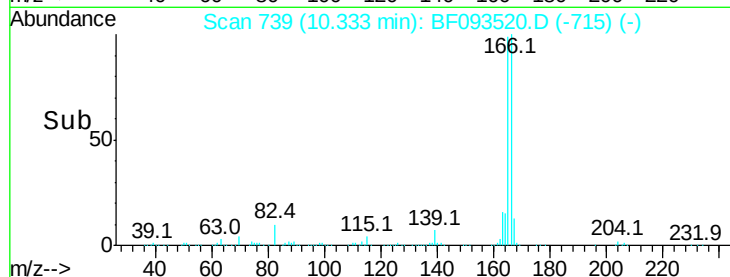
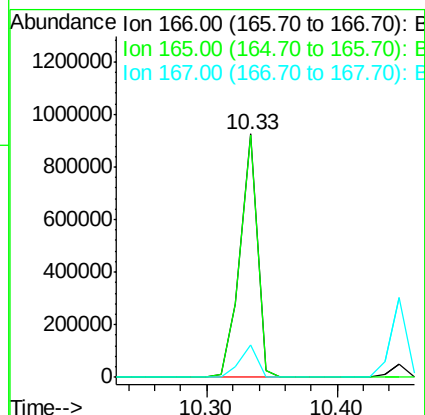
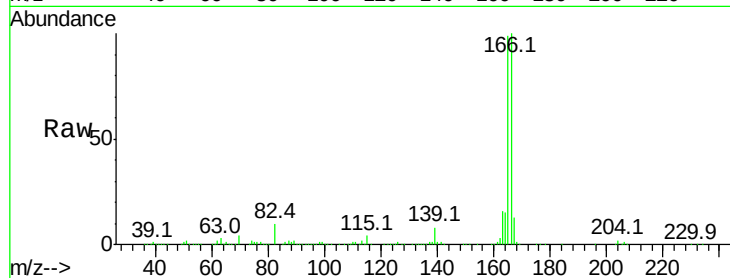
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	854754
Ion Ratio	Lower	Upper	
166	100		
165	99.4	77.8	116.8
167	13.2	10.8	16.2

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.17 ng

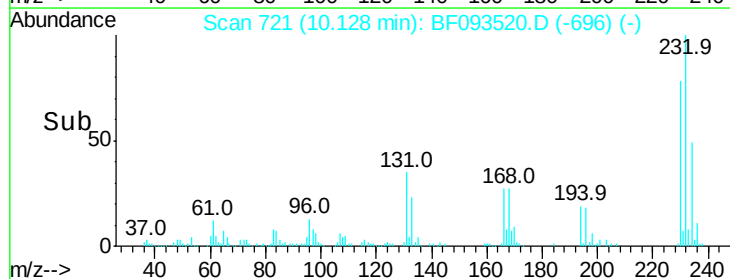
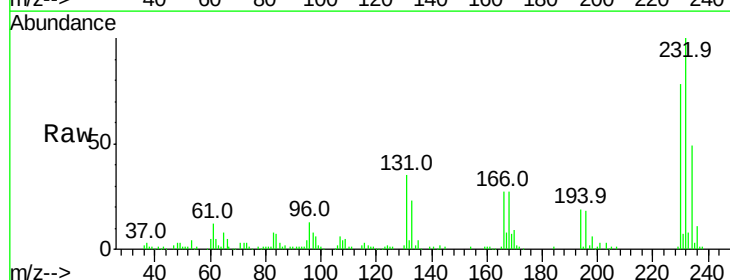
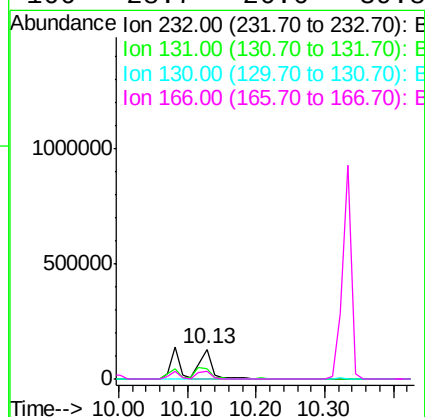
RT: 10.13 min Scan# 721

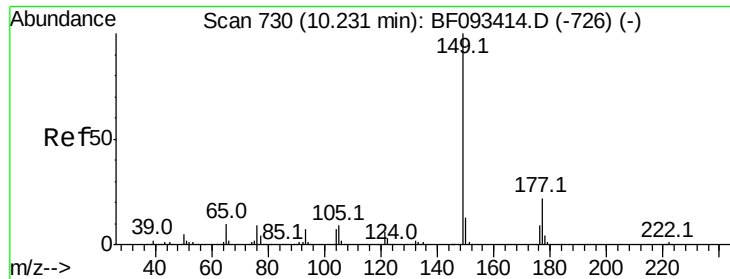
Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Tgt Ion:	232	Resp:	162389
Ion Ratio	Lower	Upper	
232	100		
131	44.4	40.1	60.1
130	2.1	1.8	2.8
166	28.7	26.6	39.8





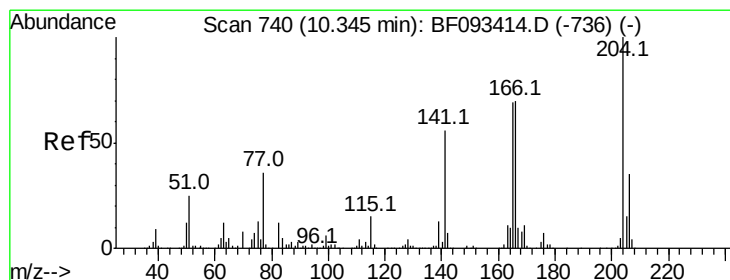
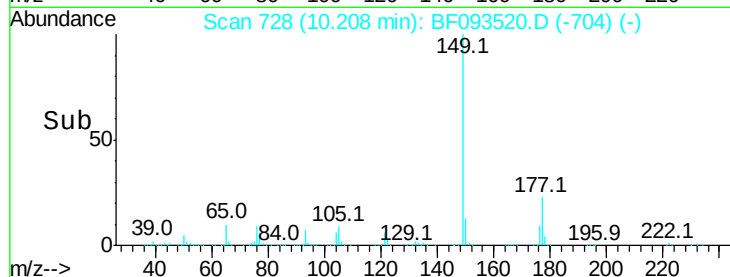
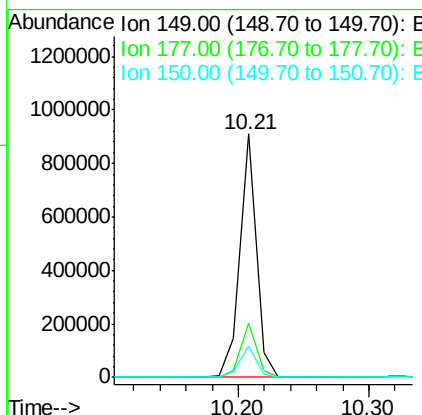
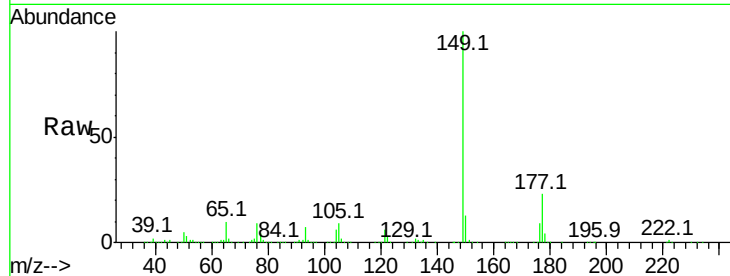
#59
Diethylphthalate
Concen: 41.99 ng
RT: 10.21 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	793037		
177	22.5	16.6	25.0	
150	13.0	10.4	15.6	

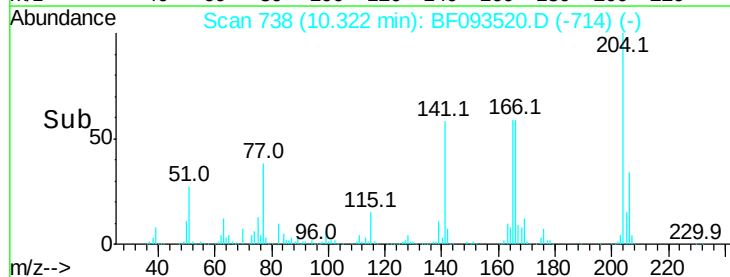
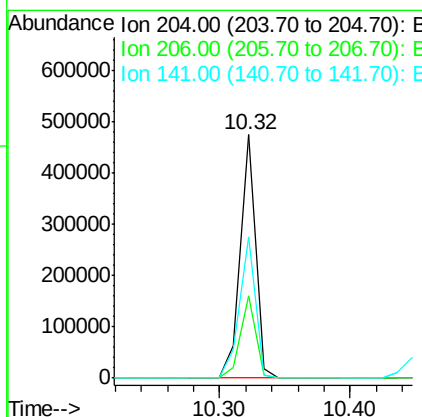
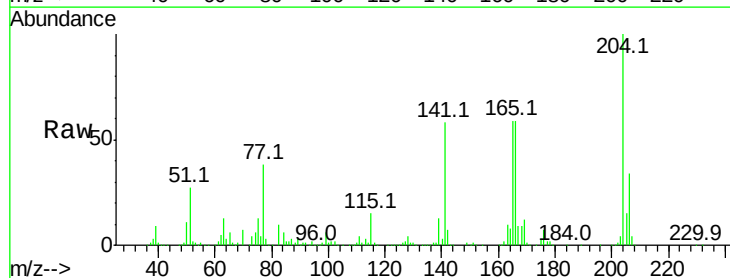
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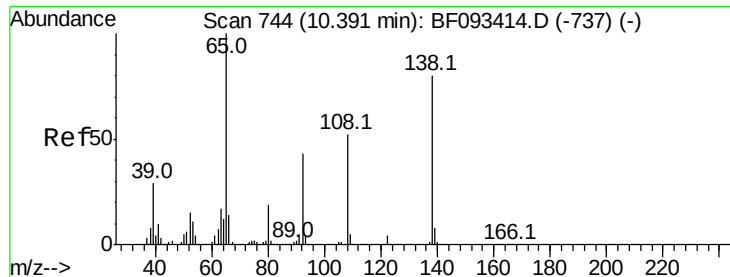
mohammad
3/13/2017 5:28:38 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.65 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	382660		
206	33.8	25.8	38.6	
141	58.2	59.4	89.0	





#61

4-Nitroaniline

Concen: 38.75 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

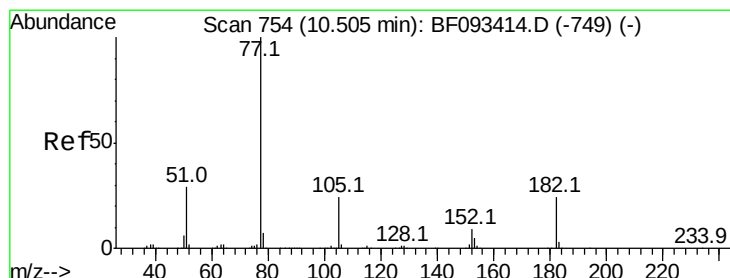
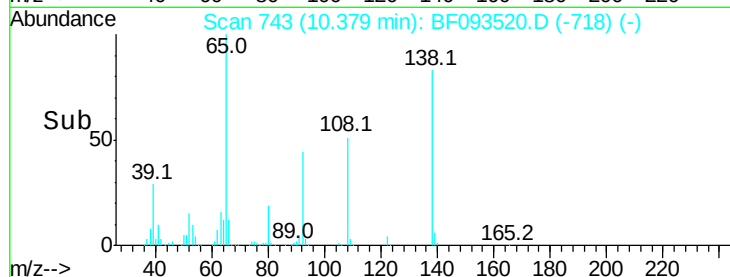
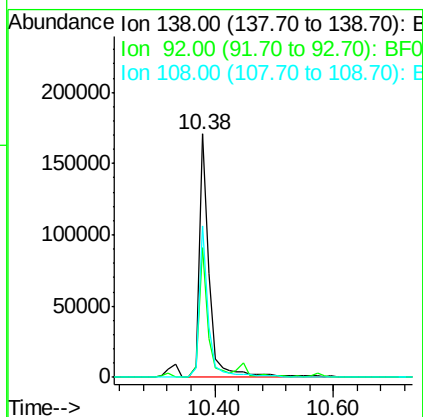
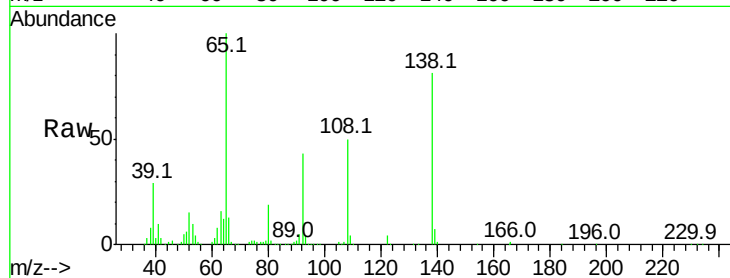
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	206492
Ion Ratio	Lower	Upper	
138	100		
92	53.3	31.7	71.7
108	62.2	52.6	92.6

Manual Integrations
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#62

Azobenzene

Concen: 42.23 ng

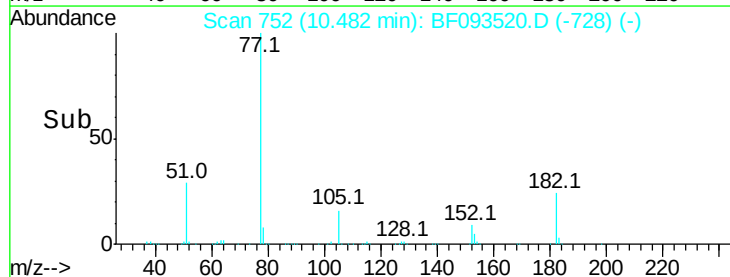
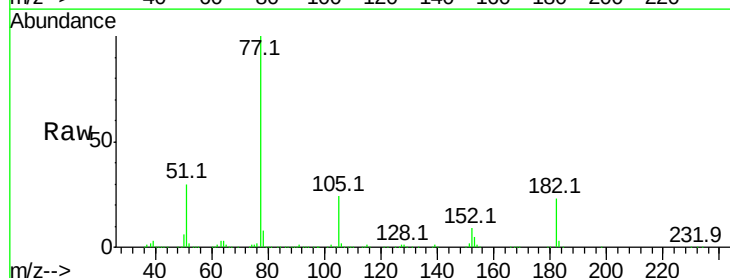
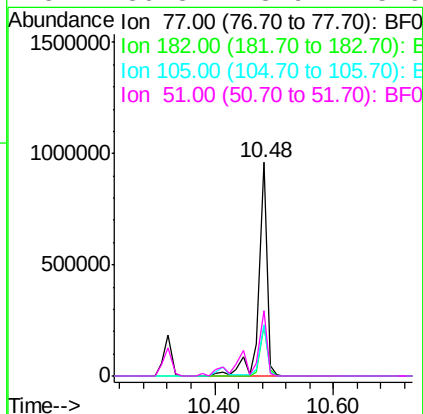
RT: 10.48 min Scan# 752

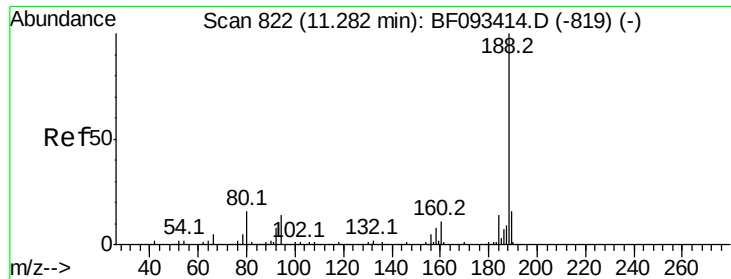
Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Tgt Ion:	77	Resp:	906351
Ion Ratio	Lower	Upper	
77	100		
182	23.1	0.0	39.3
105	24.2	2.3	42.3
51	30.3	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:188 Resp: 542917

Ion Ratio Lower Upper

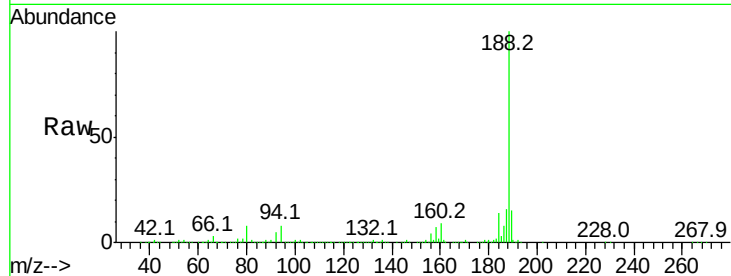
188 100

94 8.4 10.0 15.0#

80 7.8 11.2 16.8#

Manual Integrations
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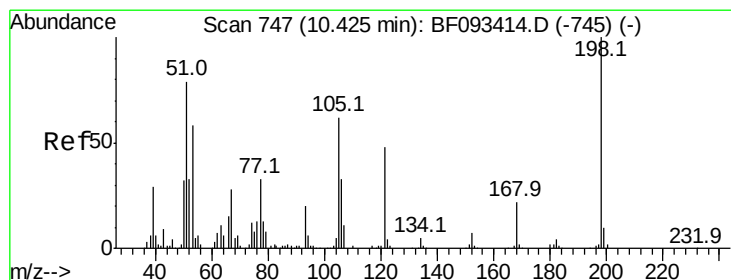
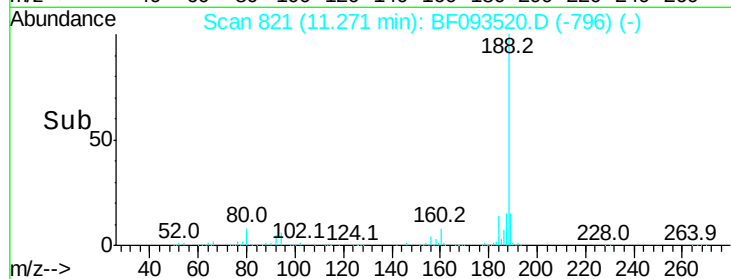
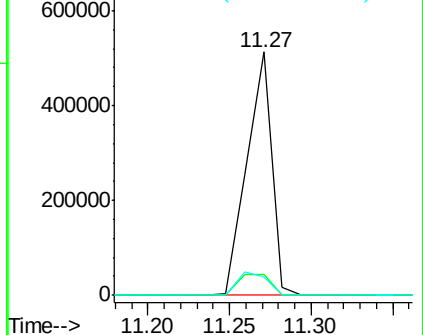
mohammad
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 36.72 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

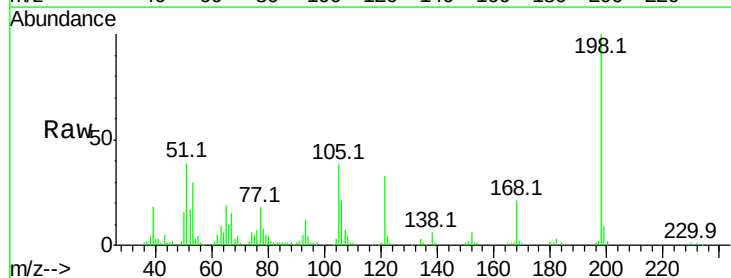
Tgt Ion:198 Resp: 129154

Ion Ratio Lower Upper

198 100

51 39.0 6.7 46.7

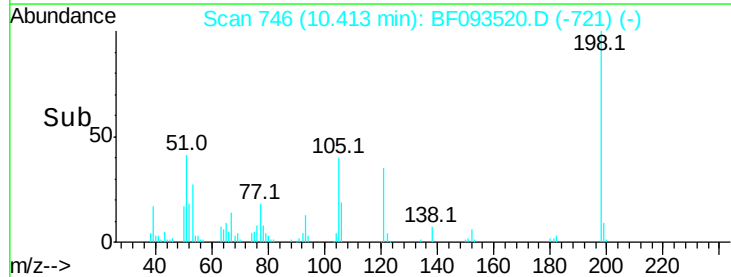
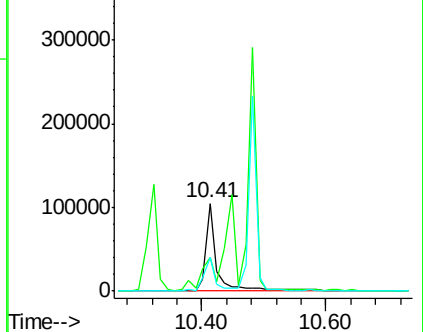
105 38.0 16.6 56.6

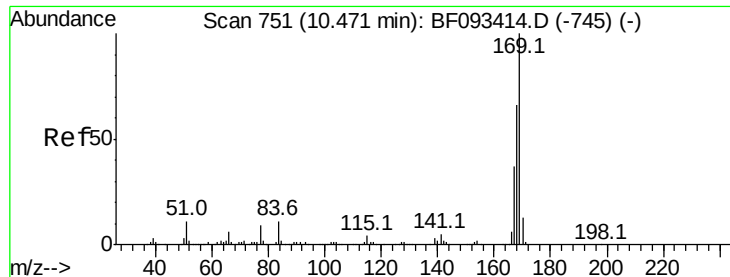


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.43 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

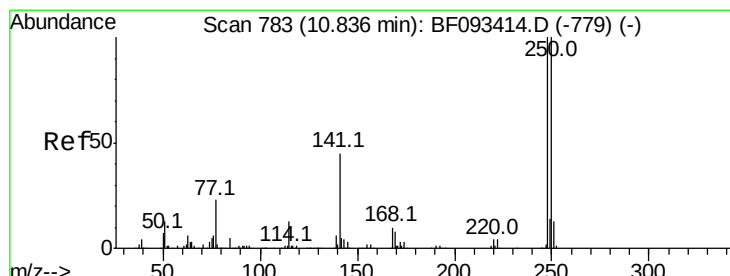
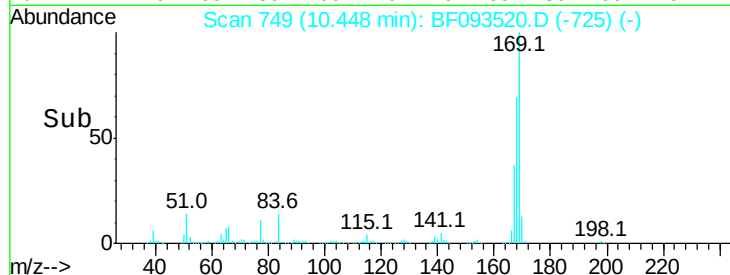
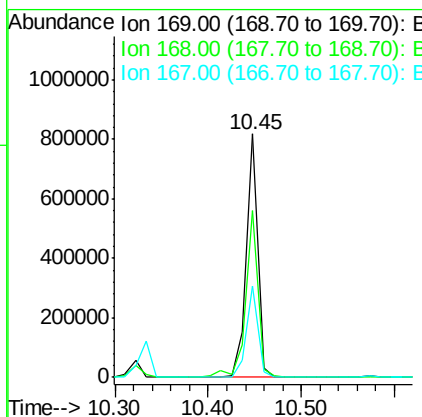
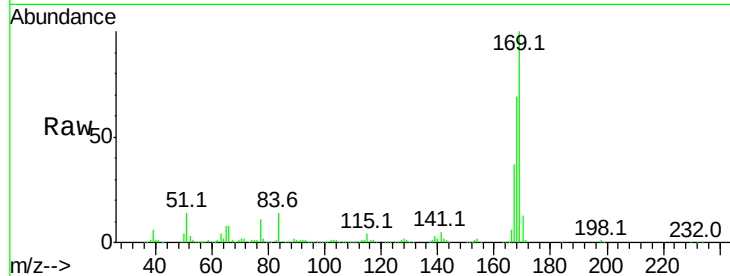
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	696620
Ion Ratio	Lower	Upper	
169	100		
168	68.7	54.2	81.2
167	37.3	30.2	45.4

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 38.40 ng

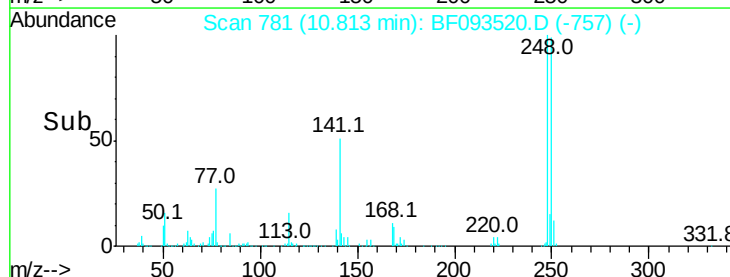
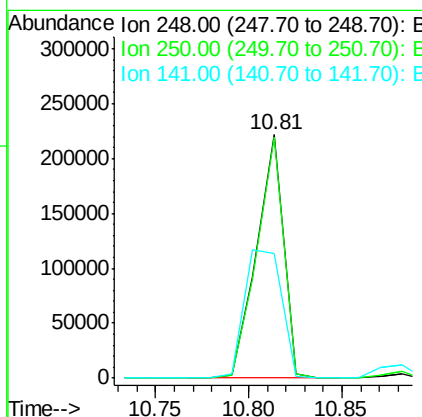
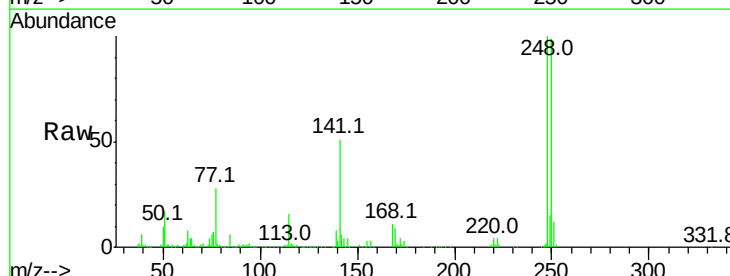
RT: 10.81 min Scan# 781

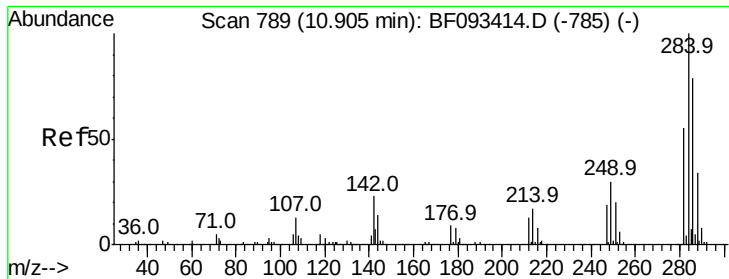
Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Tgt Ion:	248	Resp:	220450
Ion Ratio	Lower	Upper	
248	100		
250	99.1	76.9	115.3
141	51.4	68.2	102.4#





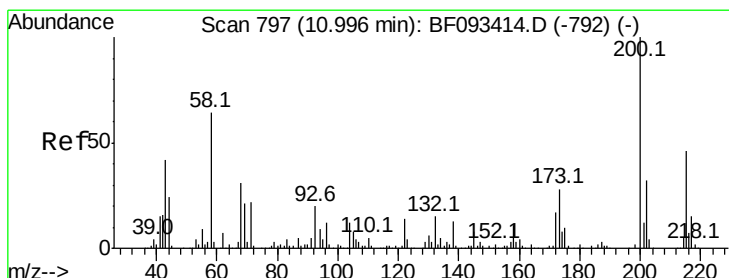
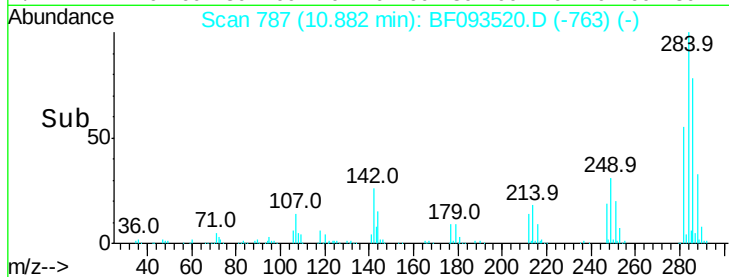
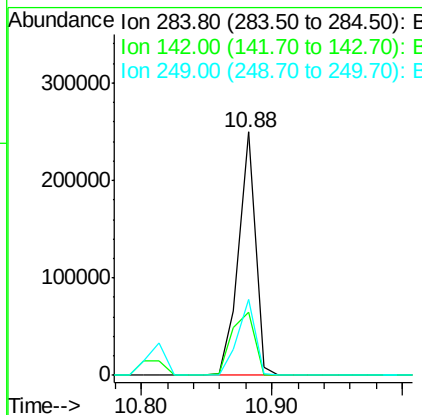
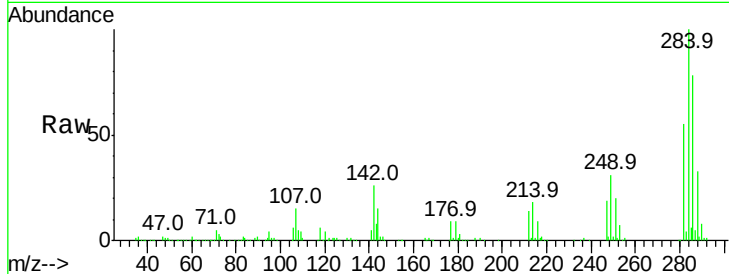
#67
Hexachlorobenzene
Concen: 41.07 ng
RT: 10.88 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	225146		
142	25.7	22.6	33.8	
249	31.1	25.4	38.0	

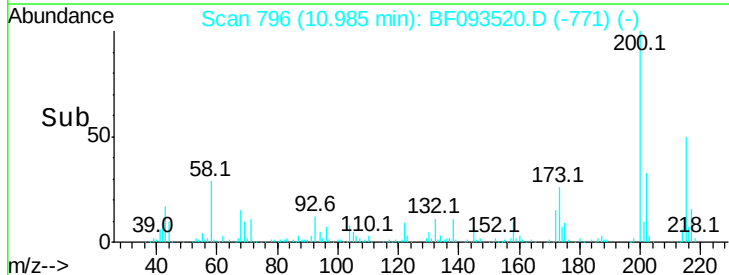
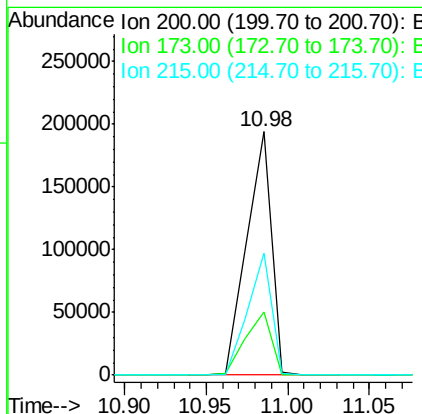
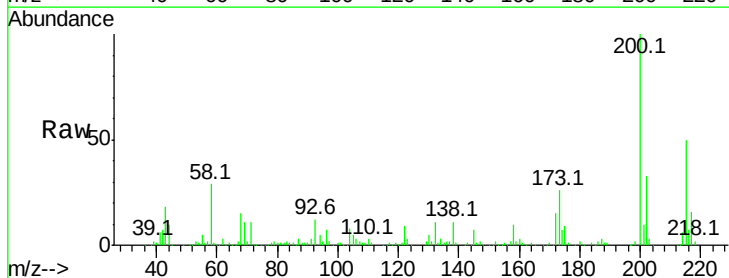
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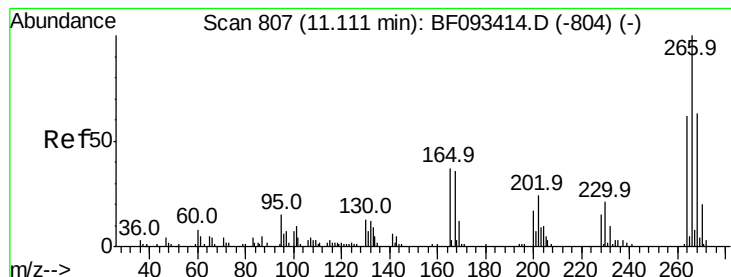
mohammad
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#68
Atrazine
Concen: 38.44 ng
RT: 10.98 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	203989		
173	25.7	9.6	49.6	
215	50.1	25.7	65.7	





#69

Pentachlorophenol

Concen: 53.20 ng

RT: 11.09 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

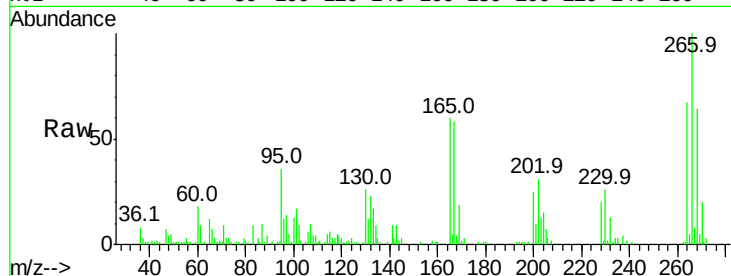
ClientSampleId :

SSTDCCC040

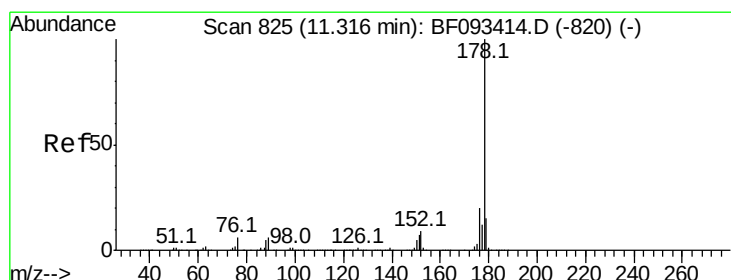
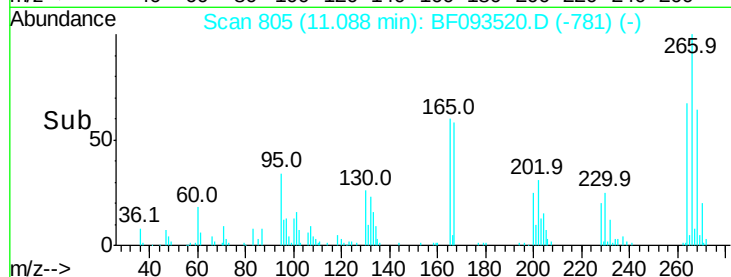
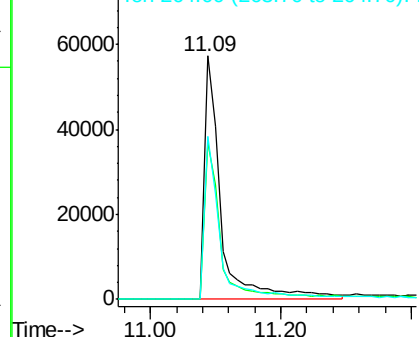
Tot Ion:	266	Resp:	100694
Ion Ratio		Lower	Upper
266	100		
268	64.2	53.3	79.9
264	67.2	50.3	75.5

Manual Integrations
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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: 38.81 ng

RT: 11.29 min Scan# 823

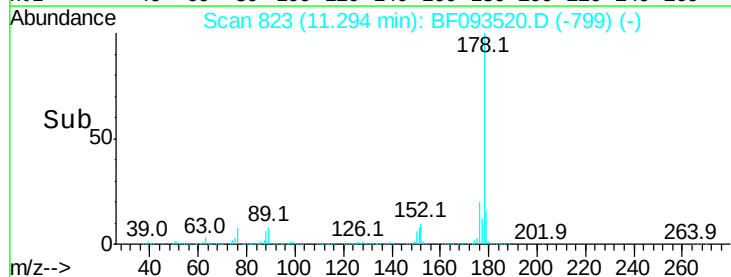
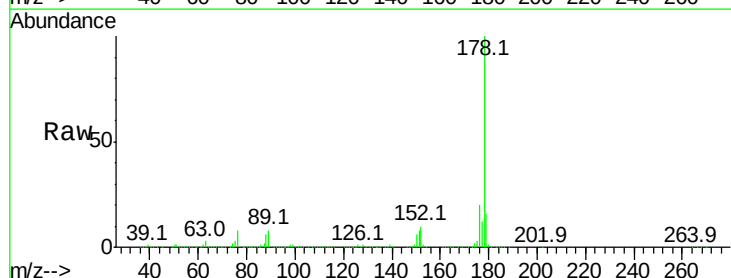
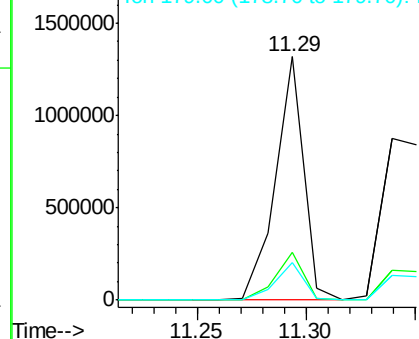
Delta R.T. -0.02 min

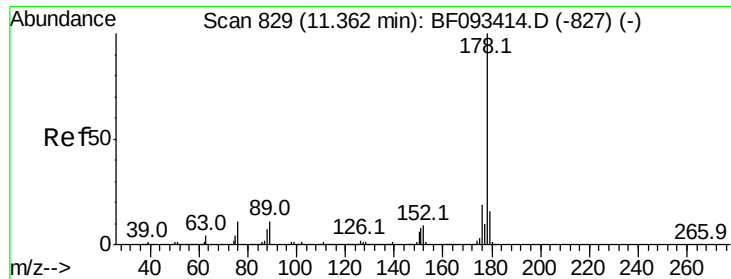
Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Tgt Ion:	178	Resp:	1202716
Ion Ratio		Lower	Upper
178	100		
176	19.7	16.6	25.0
179	15.5	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





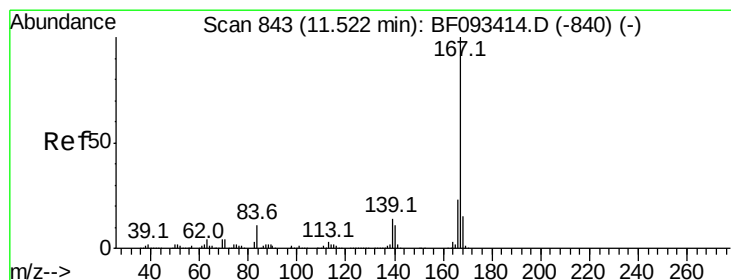
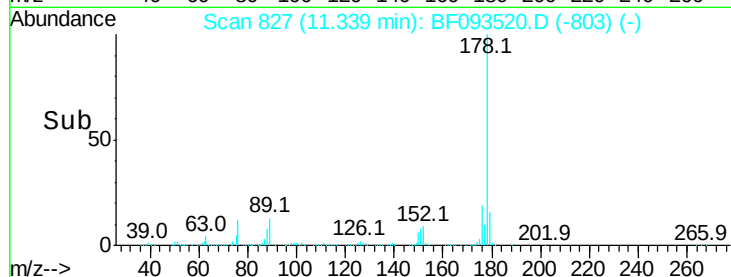
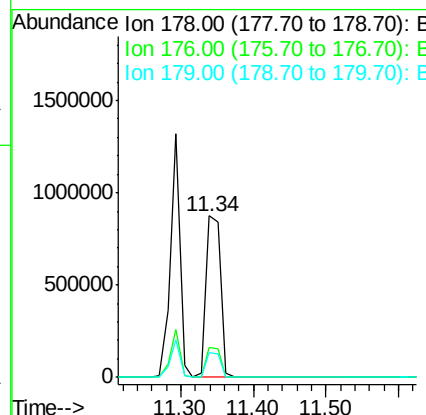
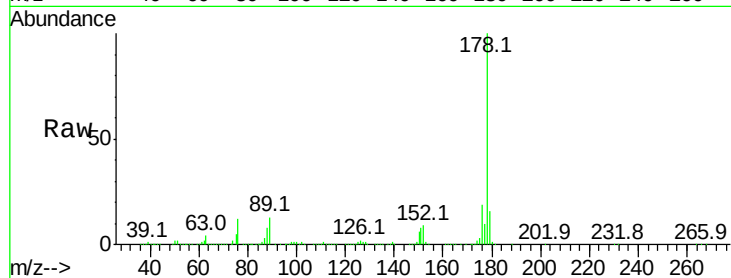
#71
 Anthracene
 Concen: 38.89 ng
 RT: 11.34 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1219133
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.9 23.9
 179 15.7 13.2 19.8

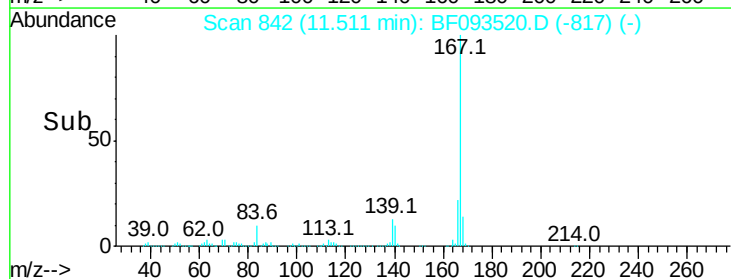
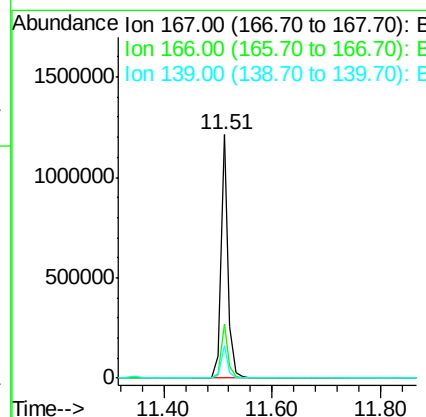
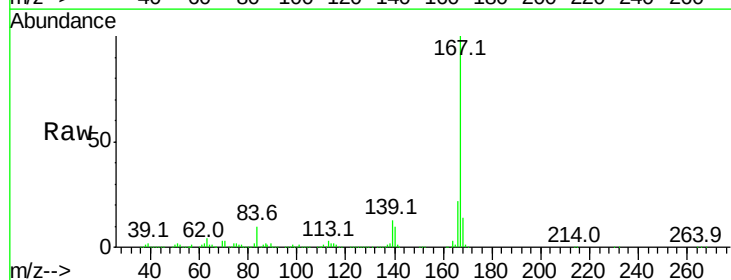
Manual Integrations
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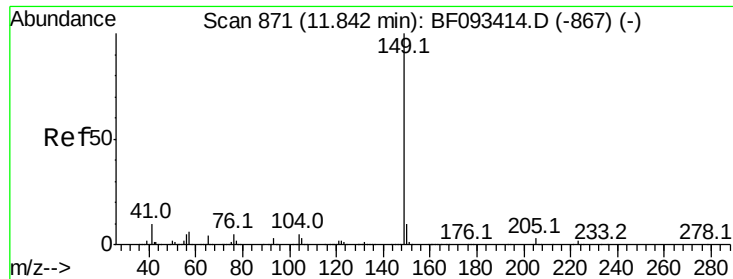
mohammad
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#72
 Carbazole
 Concen: 37.96 ng
 RT: 11.51 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion:167 Resp: 1117918
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.3 11.4 17.2





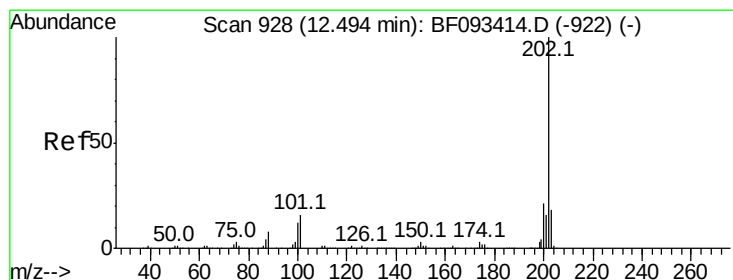
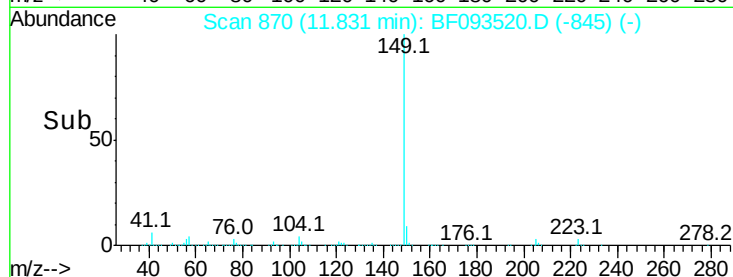
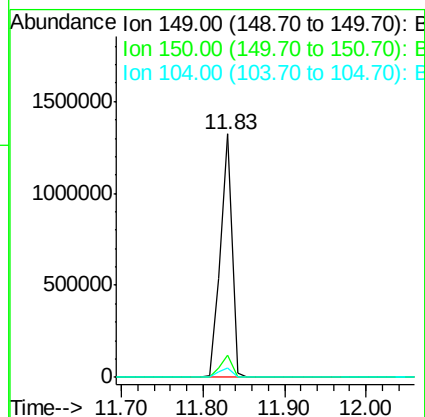
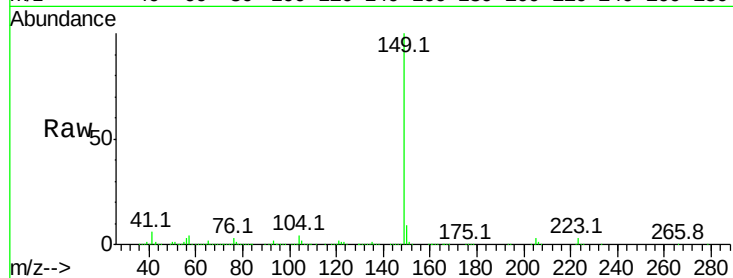
#73
Di-n-butylphthalate
Concen: 38.28 ng
RT: 11.83 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.1	12.1
104	3.8	4.6	7.0

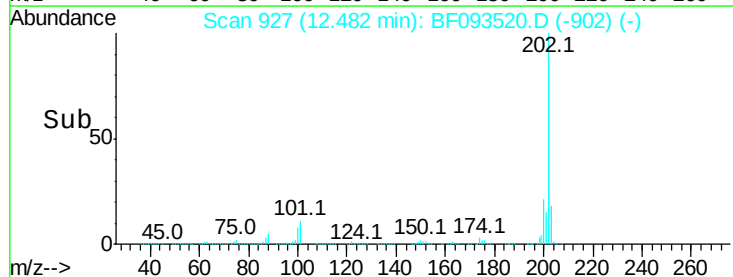
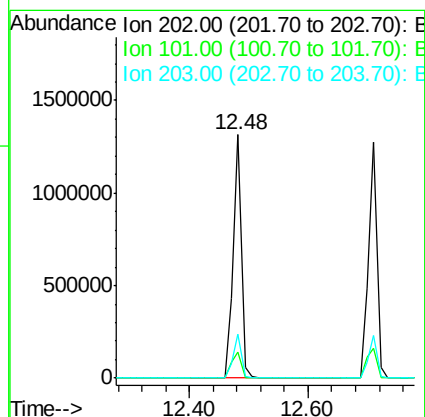
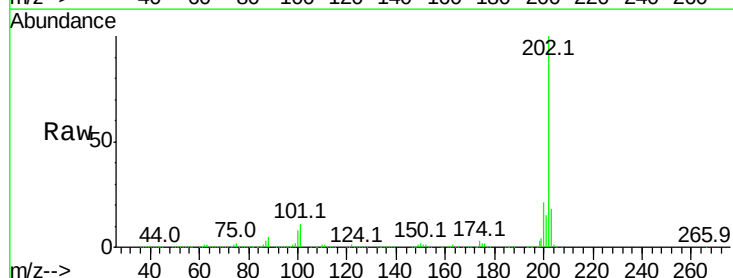
Manual Integrations
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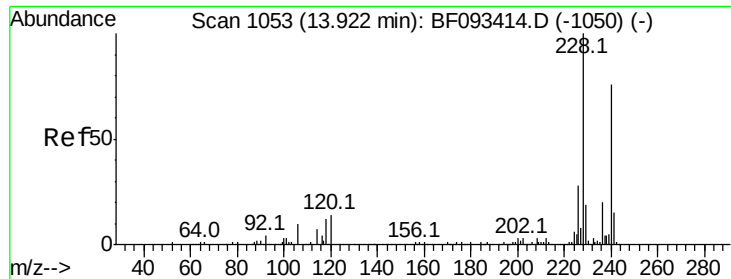
mohammad
3/13/2017 5:28:38 PM



#74
Fluoranthene
Concen: 41.95 ng
RT: 12.48 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.6
203	17.9	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

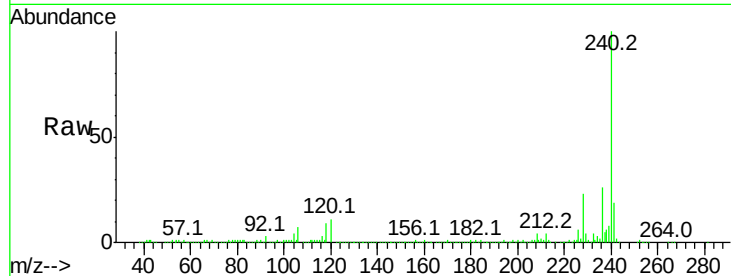
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	12.9	19.3#
236	25.5	20.9	31.3

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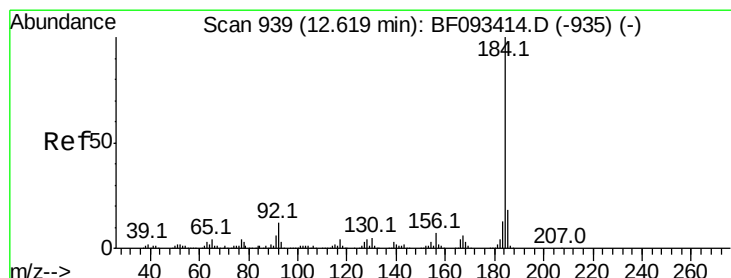
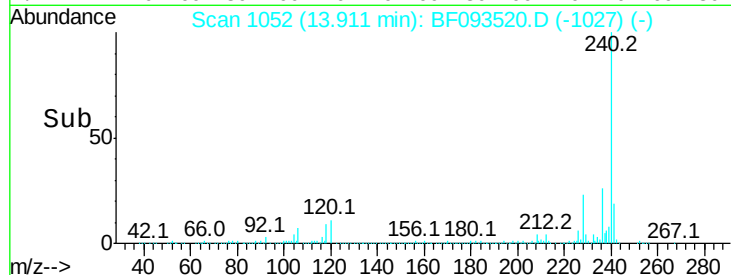
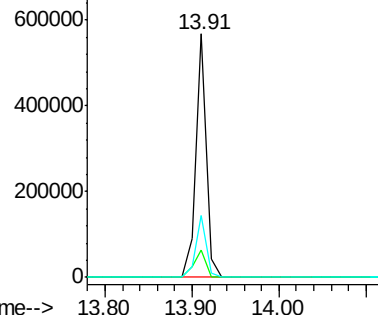
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 52.30 ng

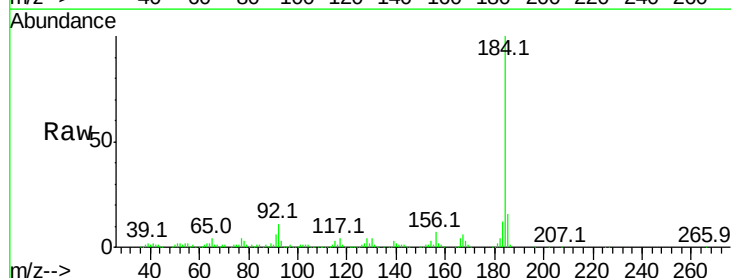
RT: 12.61 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

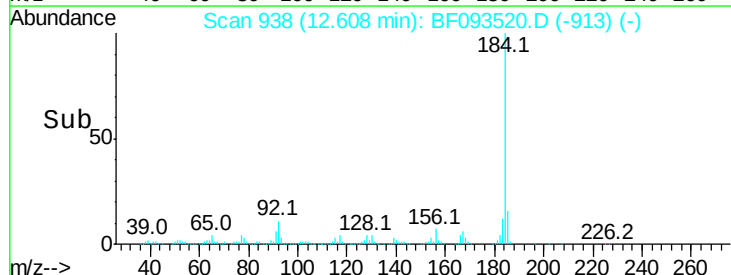
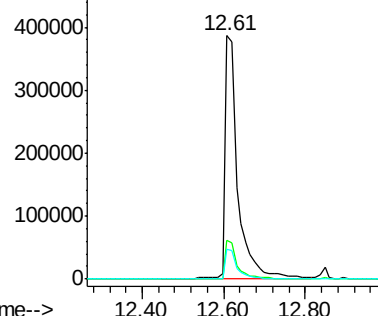
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.8	13.4	20.0
183	12.1	9.2	13.8

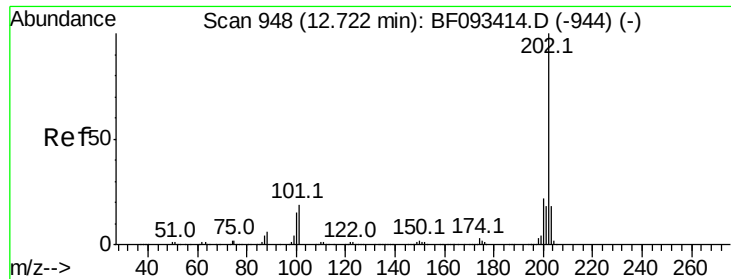


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.51 ng

RT: 12.71 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1253645

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

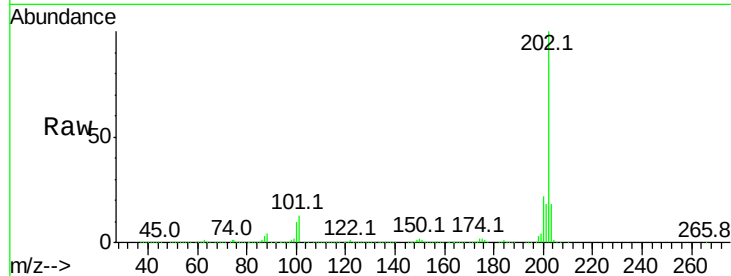
203 18.0 14.7 22.1

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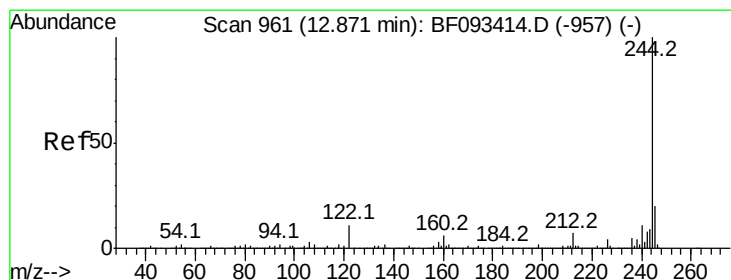
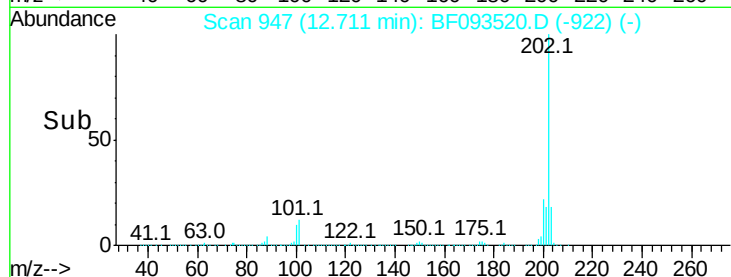
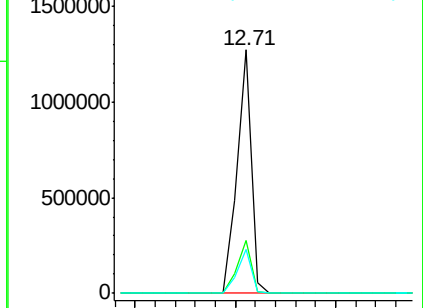
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.67 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

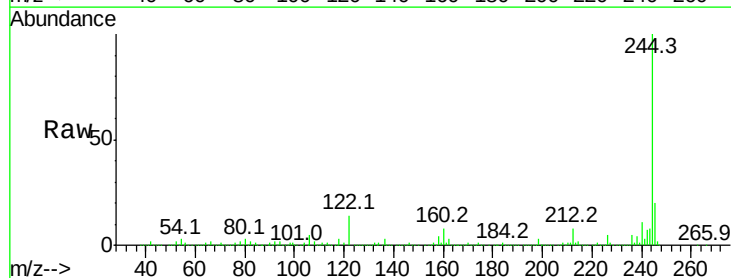
Tgt Ion:244 Resp: 1282024

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

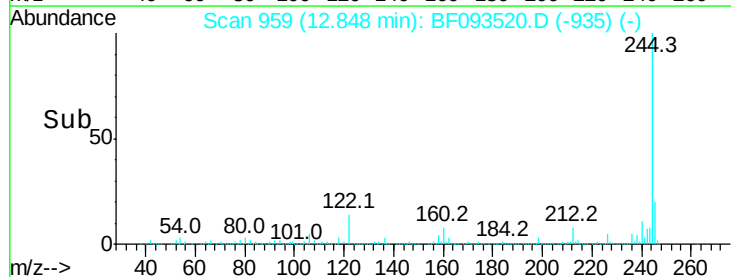
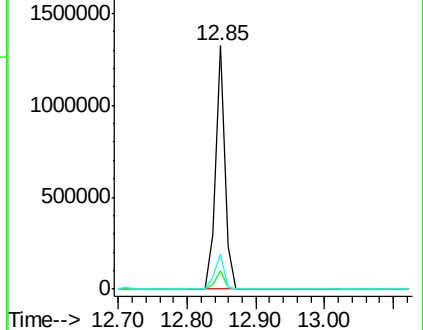
122 14.3 11.4 17.2

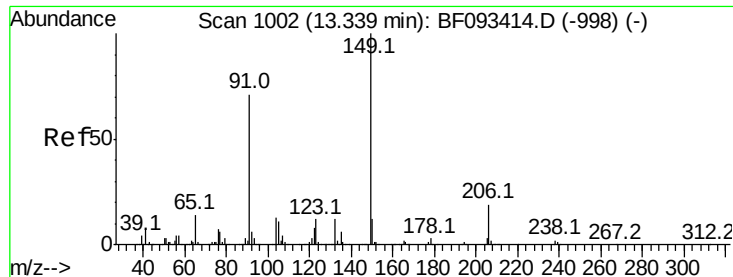


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





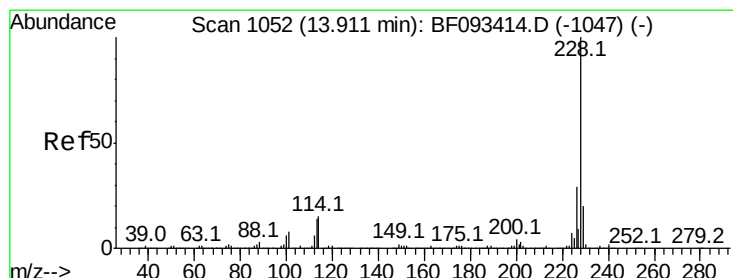
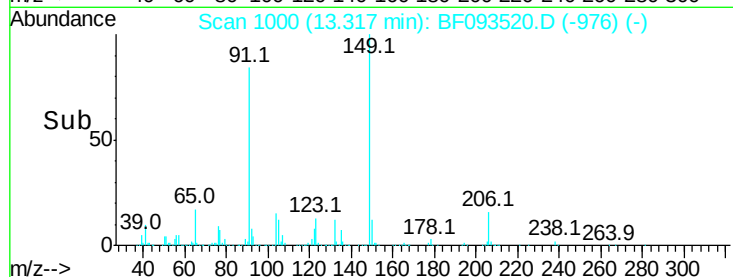
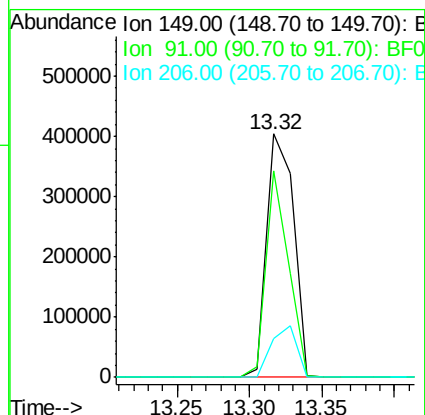
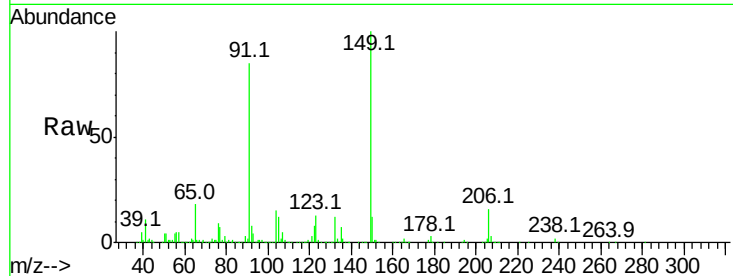
#79
 Butylbenzylphthalate
 Concen: 35.05 ng
 RT: 13.32 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Instrument :
 BNA_F
 ClientSampled :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	84.6	63.9	95.9
206	16.2	14.6	21.8

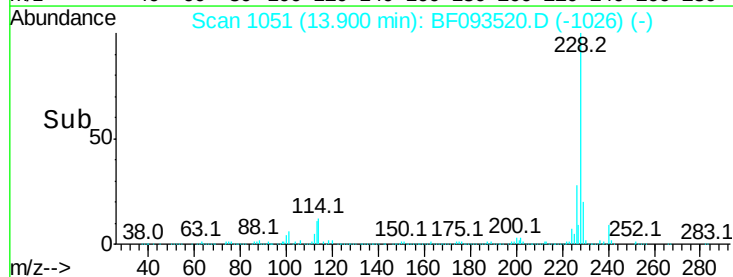
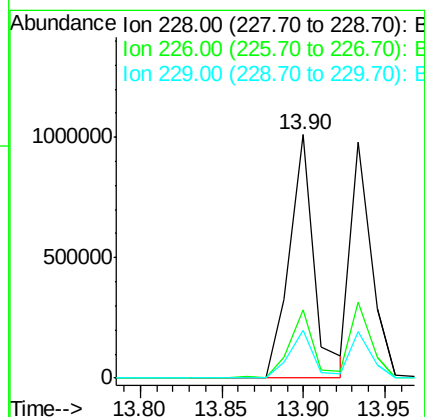
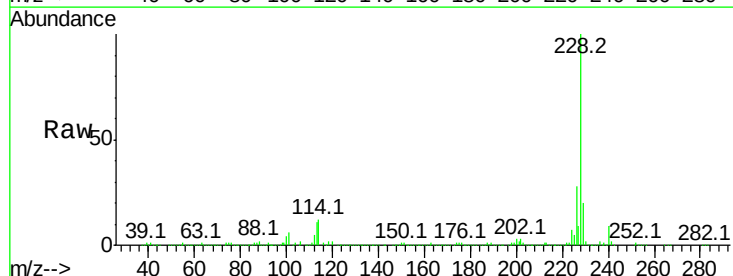
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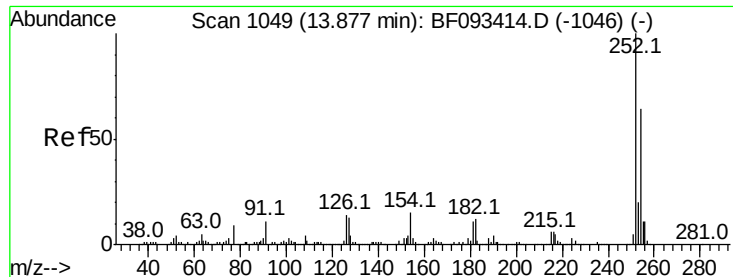
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#80
 Benzo(a)anthracene
 Concen: 37.40 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	19.8	16.2	24.4





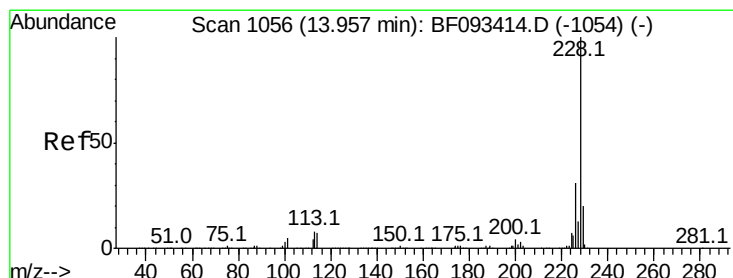
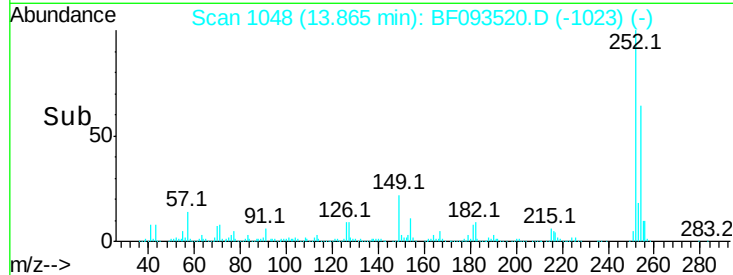
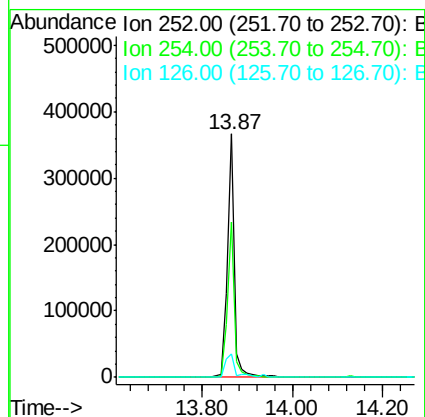
#81
 3,3'-Dichlorobenzidine
 Concen: 39.45 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	396084		
254	63.5	52.3	78.5	
126	9.4	13.6	20.4	

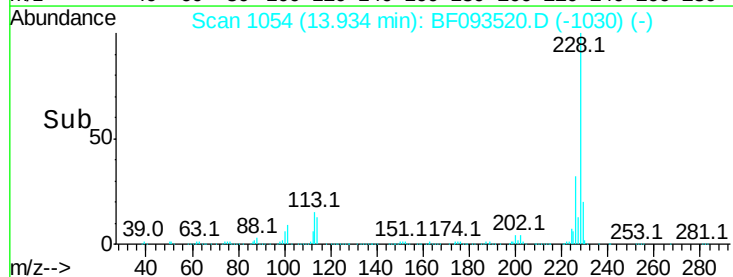
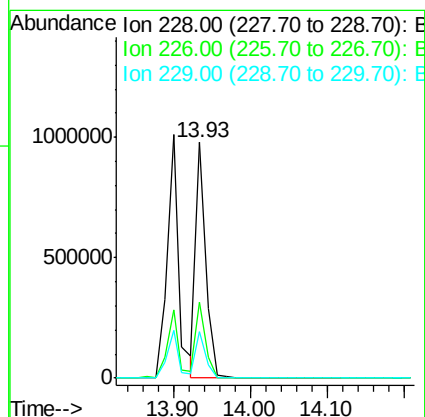
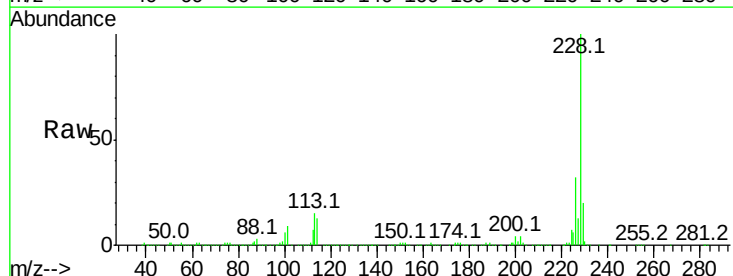
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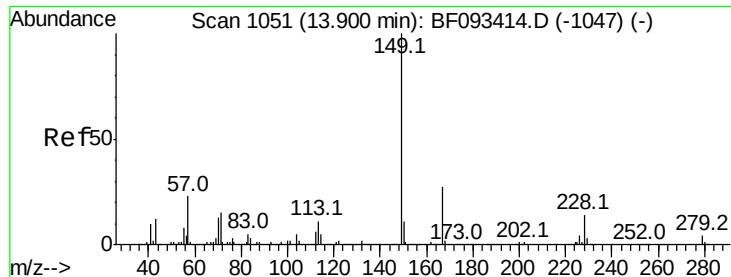
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#82
 Chrysene
 Concen: 33.41 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	886044		
226	32.0	25.4	38.0	
229	19.9	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.52 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

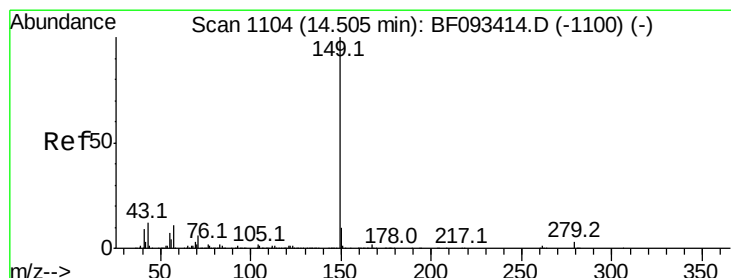
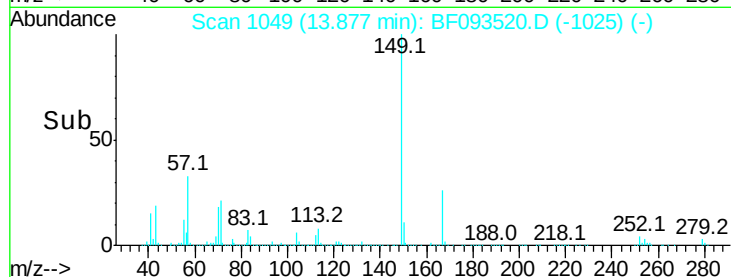
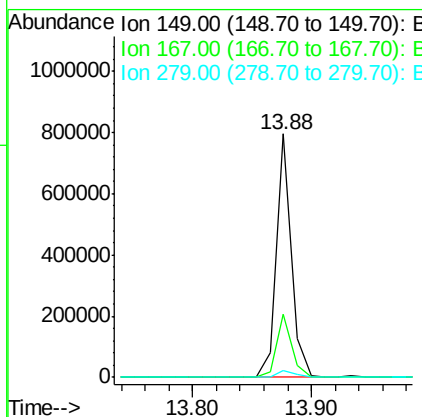
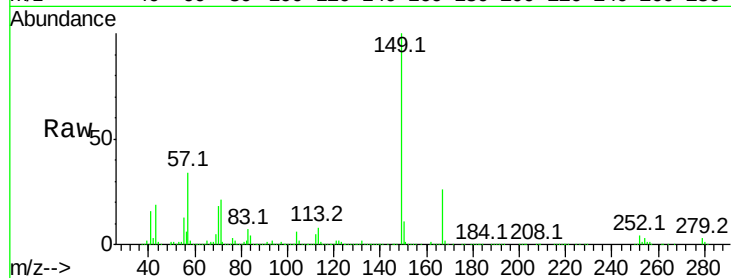
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	694315
Ion Ratio	Lower	Upper	
149	100		
167	26.2	20.2	30.4
279	2.6	1.8	2.8

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 35.78 ng

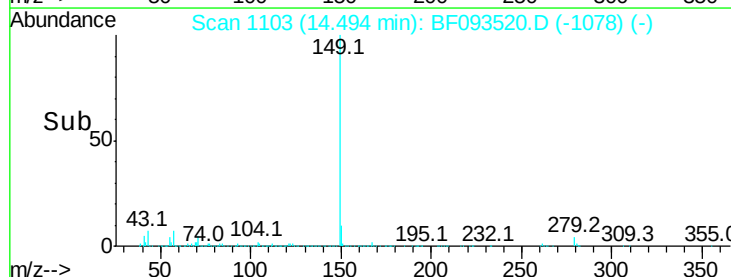
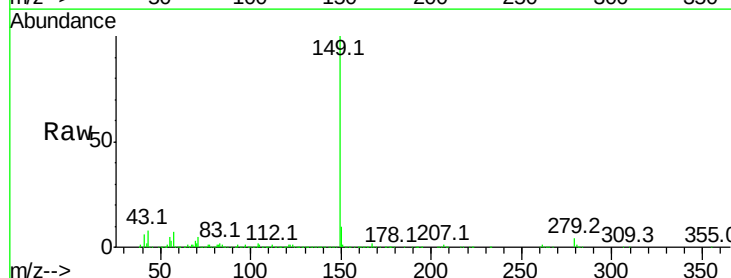
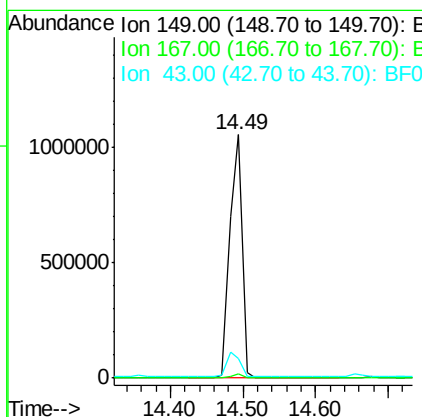
RT: 14.49 min Scan# 1103

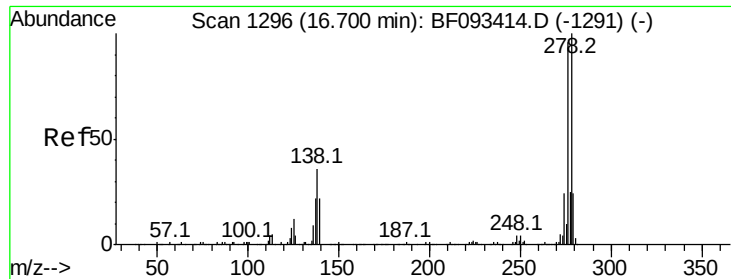
Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Tgt Ion:	149	Resp:	1235357
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	11.0	8.9	13.3





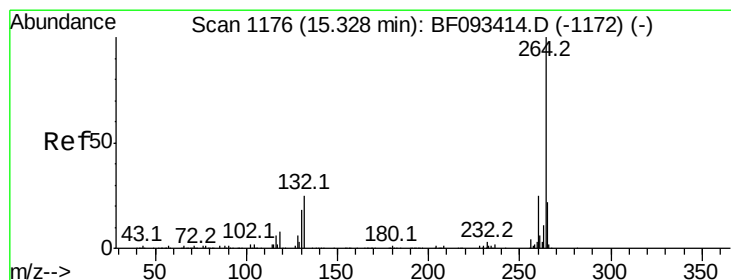
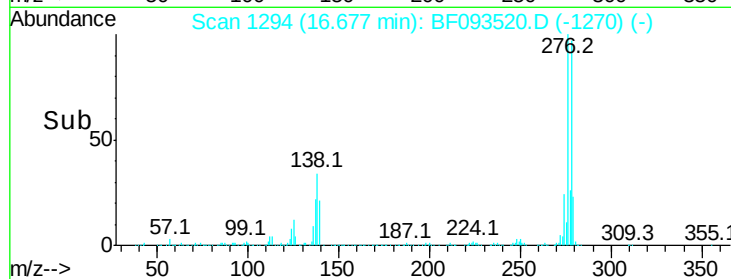
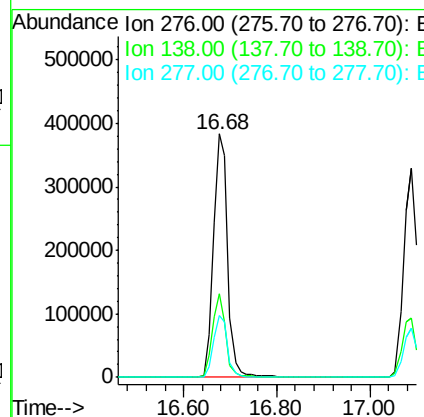
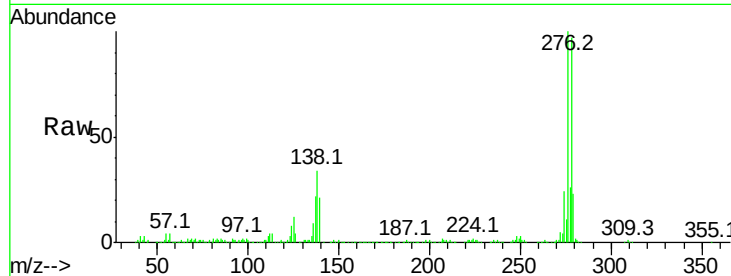
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.18 ng
 RT: 16.68 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.9	21.8	32.6
277	25.2	20.2	30.4

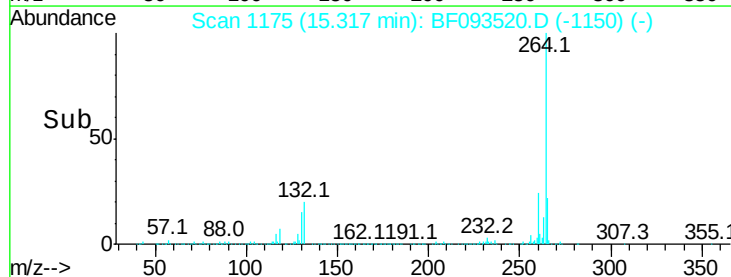
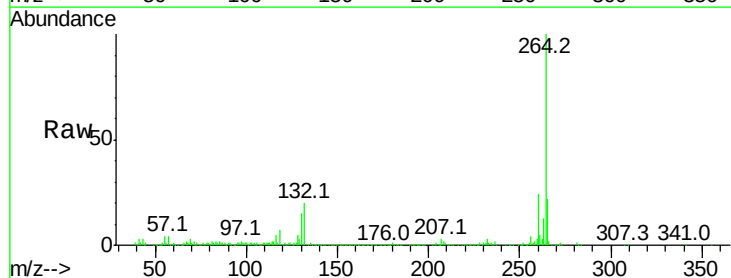
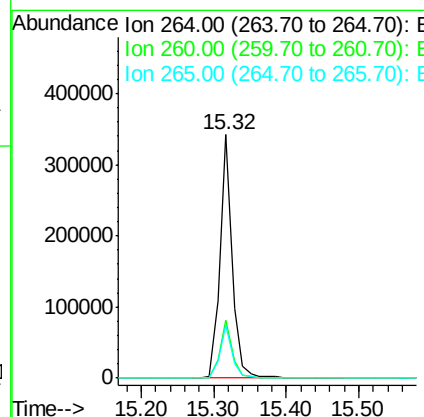
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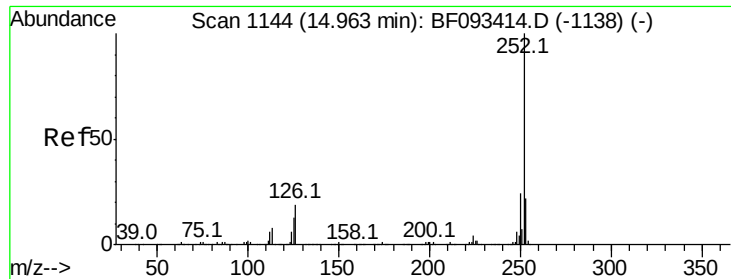
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 50.25 ng m

RT: 14.92 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

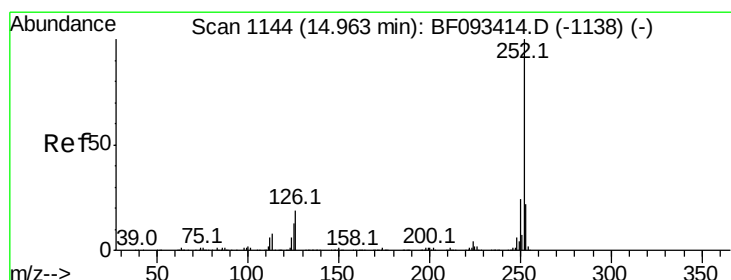
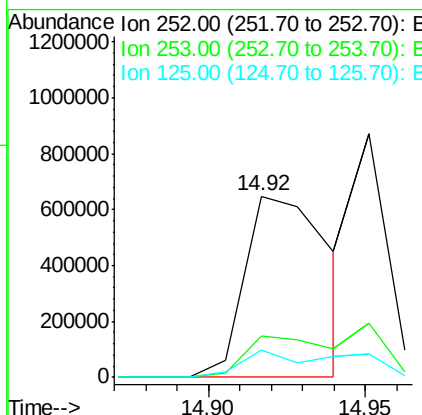
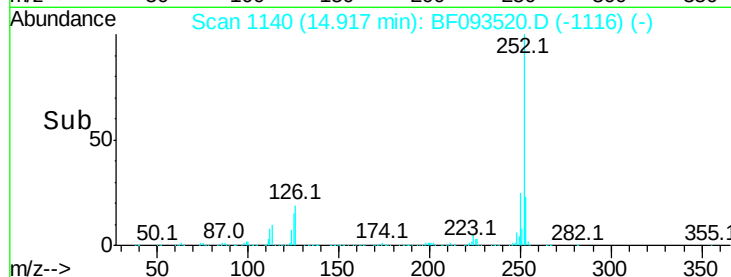
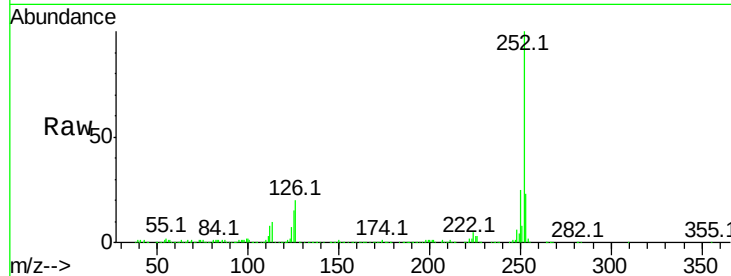
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1215626

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	15.1	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 29.19 ng m

RT: 14.95 min Scan# 1143

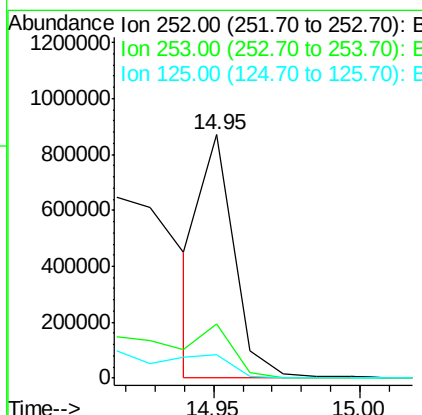
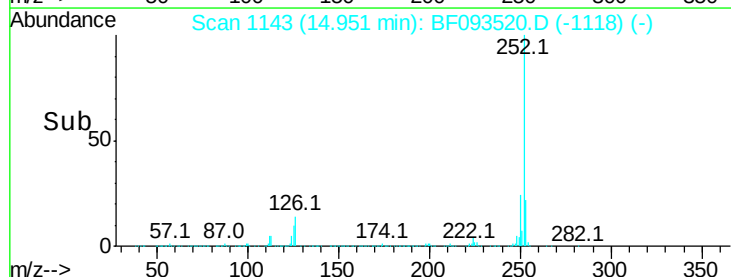
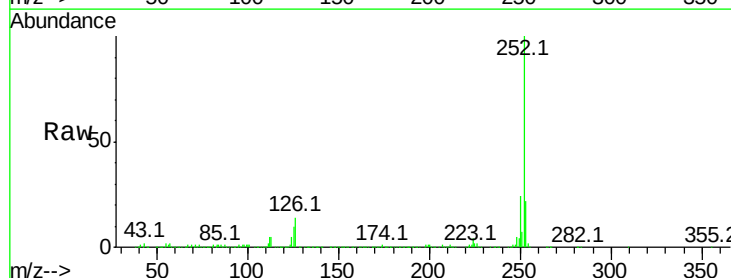
Delta R.T. -0.01 min

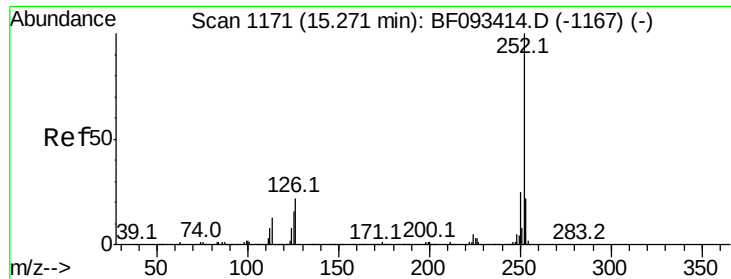
Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Tgt Ion:252 Resp: 681007

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	9.6	8.9	13.3





#89

Benzo(a)pyrene

Concen: 39.26 ng

RT: 15.26 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

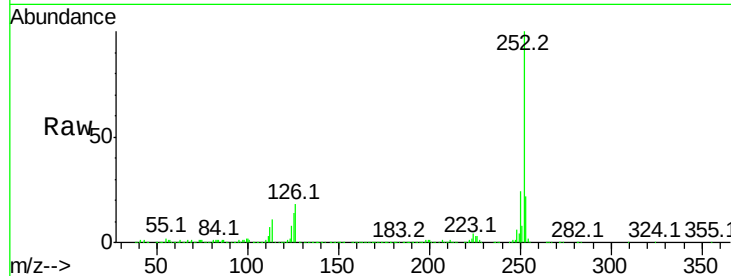
ClientSampleId :

SSTDCCC040

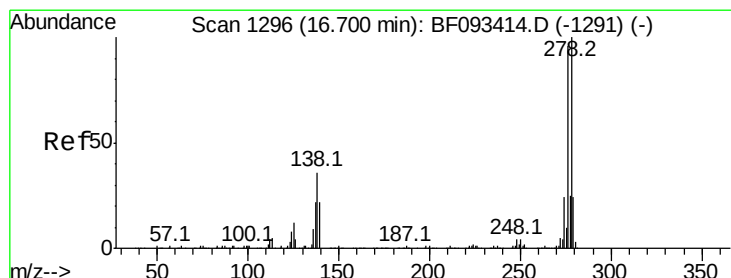
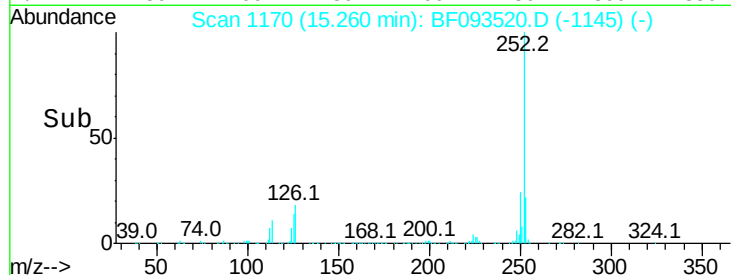
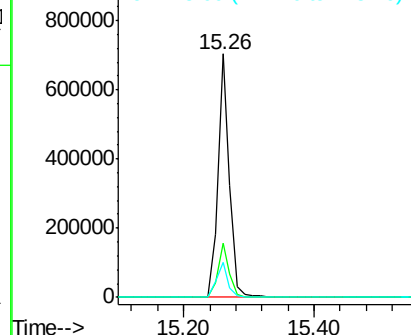
Tot Ion:	252	Resp:	868040
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.2
125	14.4	10.0	15.0

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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



#90

Dibenzo(a,h)anthracene

Concen: 38.70 ng

RT: 16.68 min Scan# 1294

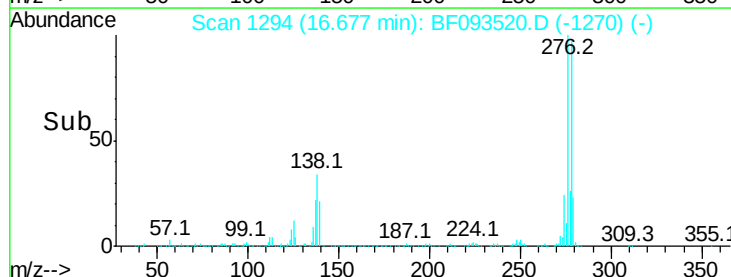
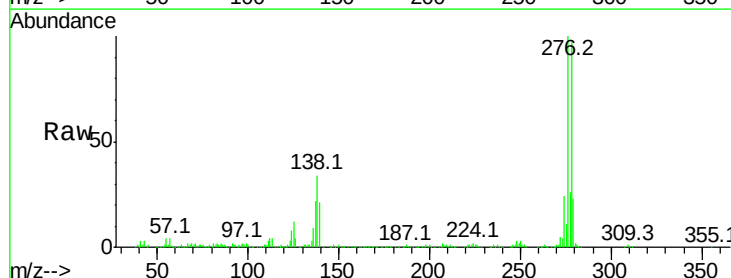
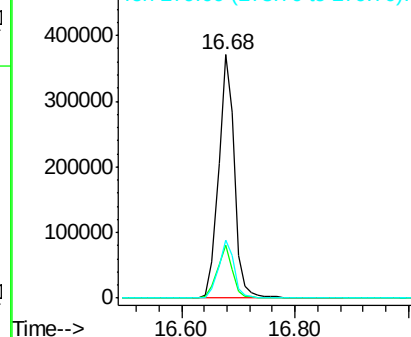
Delta R.T. -0.02 min

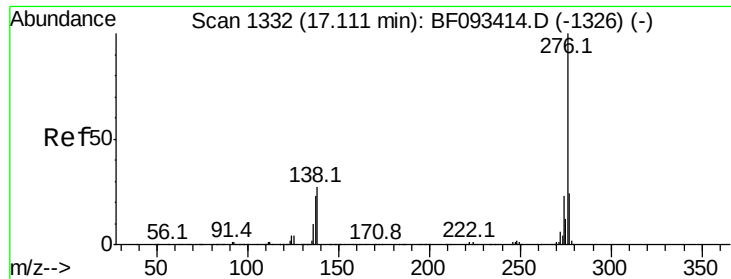
Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Tgt Ion:	278	Resp:	707798
Ion Ratio	Lower	Upper	
278	100		
139	21.7	14.8	22.2
279	23.7	19.8	29.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 38.78 ng
 RT: 17.09 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	28.4	16.0	24.0

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