

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093490.D
 Acq On : 9 Mar 2017 22:07
 Operator : SJ/MA
 Sample : I2195-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

Quant Time: Mar 09 23:52:32 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	6.76	152	183700	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	737085	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	338544	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	631607	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	470455	20.00	ng	-0.01
86) Perylene-d12	15.32	264	388394	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1703808	154.37	ng	0.00
7) Phenol-d6	6.41	99	2016144	144.85	ng	0.00
23) Nitrobenzene-d5	7.33	82	1430272	107.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	351403	159.32	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	2039865	112.07	ng	-0.02
78) Terphenyl-d14	12.86	244	1796517	99.28	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.32	88	265700	43.70	ng	87
3) Pyridine	3.01	79	748617	48.30	ng	86
4) n-Nitrosodimethylamine	2.98	42	405363	54.75	ng	84
6) Aniline	6.42	93	581825	30.46	ng	# 76
8) 2-Chlorophenol	6.54	128	598087	48.36	ng	84
9) Benzaldehyde	6.31	77	107646	9.36	ng	91
10) Phenol	6.42	94	859937	50.42	ng	98
11) bis(2-Chloroethyl)ether	6.49	93	631697	45.83	ng	90
12) 1,3-Dichlorobenzene	6.93	146	588360	41.57	ng	96
13) 1,4-Dichlorobenzene	6.77	146	672191	46.38	ng	98
14) 1,2-Dichlorobenzene	6.93	146	597944	46.59	ng	95
15) Benzyl Alcohol	6.92	79	531681	53.59	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1086580	47.45	ng	74
17) 2-Methylphenol	7.03	107	506860	48.46	ng	# 90
18) Hexachloroethane	7.26	117	241241	49.36	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	454148	47.46	ng	93
20) 3+4-Methylphenols	7.19	107	718814	52.99	ng	# 75
22) Acetophenone	7.18	105	910077	51.31	ng	# 94
24) Nitrobenzene	7.35	77	780469	52.27	ng	98
25) Isophorone	7.59	82	1364231	50.93	ng	96
26) 2-Nitrophenol	7.67	139	350955	51.52	ng	# 86
27) 2,4-Dimethylphenol	7.72	122	585724	52.86	ng	96
28) bis(2-Chloroethoxy)methane	7.80	93	818972	48.43	ng	99
29) 2,4-Dichlorophenol	7.91	162	552969	53.04	ng	87
30) 1,2,4-Trichlorobenzene	7.98	180	524669	47.32	ng	# 93
31) Naphthalene	8.06	128	1637349	44.33	ng	99
32) Benzoic acid	7.88	122	354441	61.55	ng	96
33) 4-Chloroaniline	8.13	127	308688	20.59	ng	98
34) Hexachlorobutadiene	8.17	225	274231	48.02	ng	99
35) Caprolactam	8.50	113	109468	30.75	ng	# 21
36) 4-Chloro-3-methylphenol	8.63	107	618712	55.60	ng	93
37) 2-Methylnaphthalene	8.76	142	1153039	49.06	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	474489	51.33	ng	98
40) Hexachlorocyclopentadiene	8.89	237	224488	93.79	ng	95

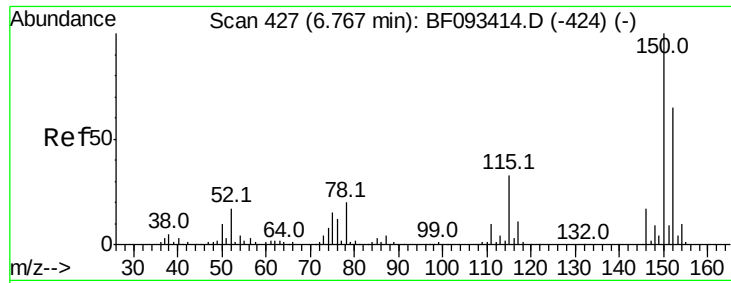
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	343792	59.52	nq	94
43) 2,4,5-Trichlorophenol	9.09	196	327094	52.78	nq	# 87
45) 1,1'-Biphenyl	9.21	154	1294517	52.49	nq	97
46) 2-Chloronaphthalene	9.24	162	1048255	55.53	nq	95
47) 2-Nitroaniline	9.35	65	437049	65.49	nq	97
48) Acenaphthylene	9.65	152	1571886	50.49	nq	99
49) Dimethylphthalate	9.52	163	1451527	64.67	nq	99
50) 2,6-Dinitrotoluene	9.59	165	238732	48.48	nq	# 43
51) Acenaphthene	9.82	154	931123	50.57	nq	96
52) 3-Nitroaniline	9.76	138	195404	33.03	nq	97
53) 2,4-Dinitrophenol	9.89	184	263157	117.34	nq	# 69
54) Dibenzofuran	9.99	168	1407921	61.10	nq	98
55) 4-Nitrophenol	9.96	139	352967	122.82	nq	96
56) 2,4-Dinitrotoluene	10.00	165	324732	53.67	nq	# 79
57) Fluorene	10.33	166	1083871	55.51	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	292267	66.82	nq	93
59) Diethylphthalate	10.22	149	1177996	54.92	nq	98
60) 4-Chlorophenyl-phenylether	10.33	204	492304	56.25	nq	# 73
61) 4-Nitroaniline	10.39	138	341269	56.40	nq	89
62) Azobenzene	10.49	77	1633979	67.04	nq	93
64) 4,6-Dinitro-2-methylphenol	10.42	198	196449	48.01	nq	90
65) n-Nitrosodiphenylamine	10.46	169	1037465	49.19	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	286820	42.94	nq	94
67) Hexachlorobenzene	10.88	284	295926	46.40	nq	# 69
68) Atrazine	10.98	200	289244	46.86	nq	99
69) Pentachlorophenol	11.09	266	251594	114.26	nq	95
70) Phenanthrene	11.30	178	1718184	47.66	nq	98
71) Anthracene	11.35	178	1614191	44.26	nq	99
72) Carbazole	11.51	167	1463142	42.71	nq	100
73) Di-n-butylphthalate	11.83	149	1794758	45.28	nq	98
74) Fluoranthene	12.48	202	1626080	46.69	nq	98
76) Benzidine	12.61	184	809758	52.34	nq	96
77) Pyrene	12.71	202	1640375	47.94	nq	100
79) Butylbenzylphthalate	13.33	149	818041	56.80	nq	97
80) Benzo(a)anthracene	13.90	228	1415578	50.95	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	330555	33.97	nq	# 96
82) Chrysene	13.95	228	1373034	53.42	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1173265	58.44	nq	# 96
84) Di-n-octyl phthalate	14.49	149	1781373	53.24	nq	95
85) Indeno(1,2,3-cd)pyrene	16.69	276	1045011	48.57	nq	# 93
87) Benzo(b)fluoranthene	14.95	252	2277939	96.30	nq	98
88) Benzo(k)fluoranthene	14.95	252	2277939	99.86	nq	# 97
89) Benzo(a)pyrene	15.27	252	1087819	50.32	nq	# 97
90) Dibenzo(a,h)anthracene	16.69	278	875297	48.94	nq	97
91) Benzo(g,h,i)perylene	17.10	276	923225	50.29	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

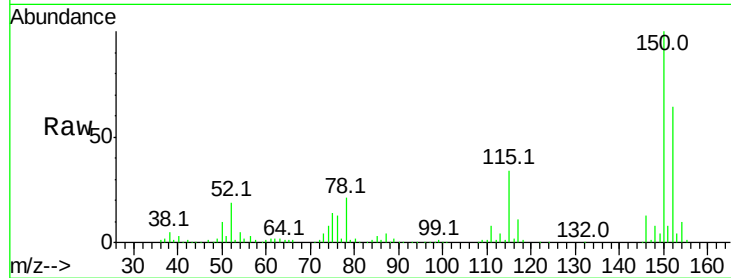
Tot Ion:152 Resp: 183700

Ion Ratio Lower Upper

152 100

150 157.1 124.9 187.3

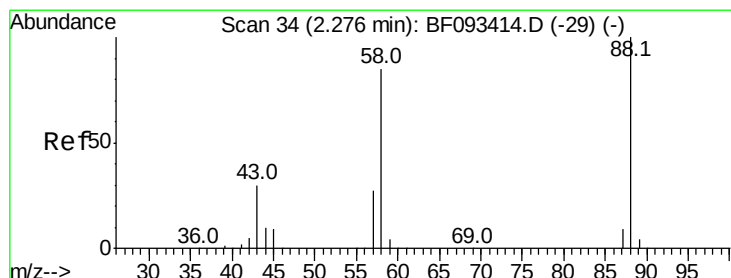
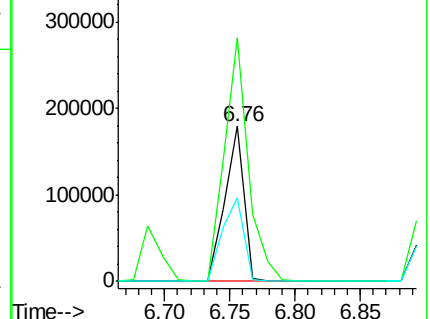
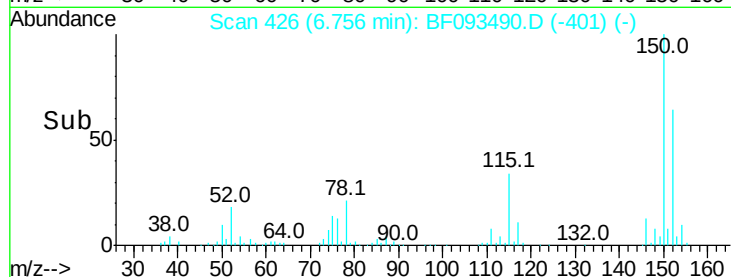
115 53.6 46.0 69.0



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: 43.70 ng

RT: 2.32 min Scan# 38

Delta R.T. 0.05 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

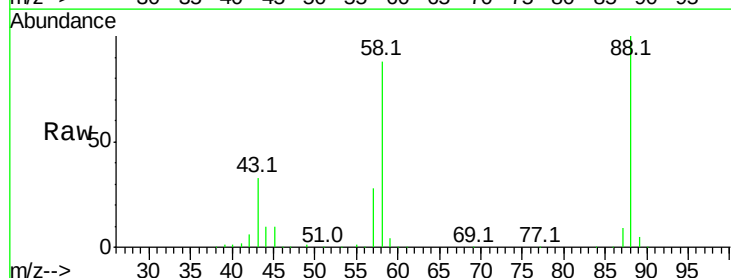
Tgt Ion: 88 Resp: 265700

Ion Ratio Lower Upper

88 100

58 85.5 57.8 86.8

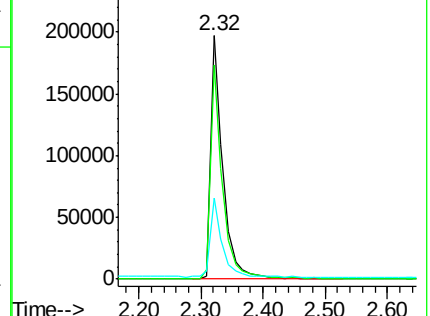
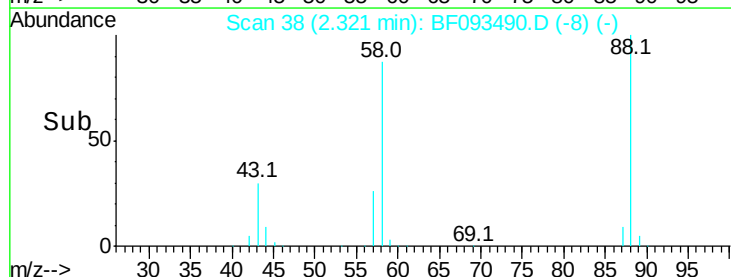
43 31.3 22.3 33.5

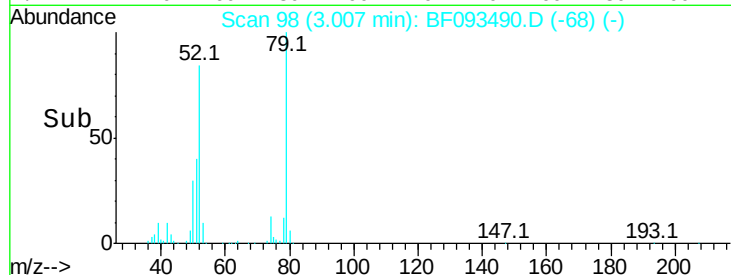
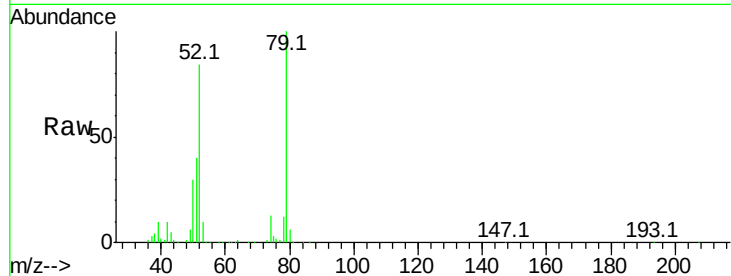
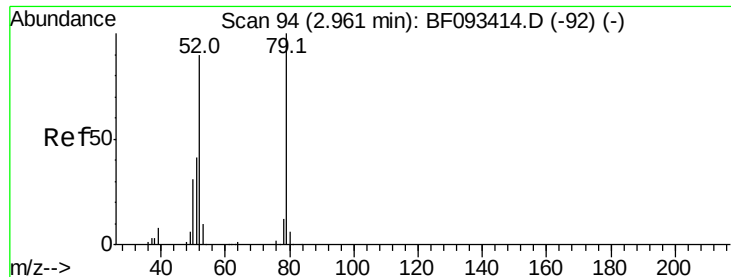


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

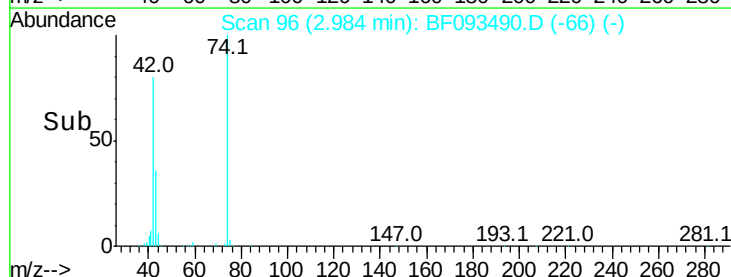
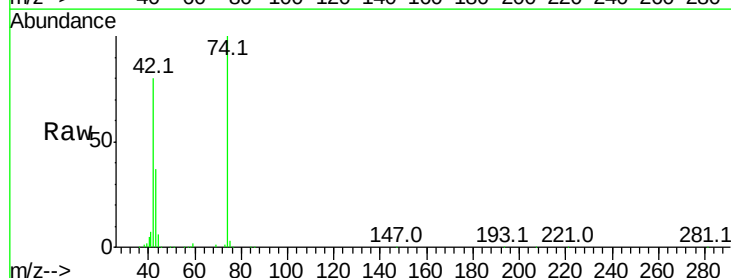
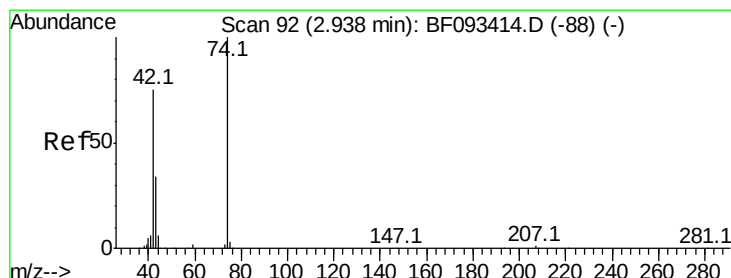
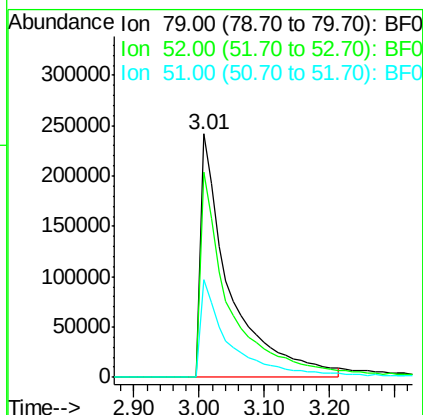




#3
 Pvridine
 Concen: 48.30 ng
 RT: 3.01 min Scan# 98
 Delta R.T. 0.05 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

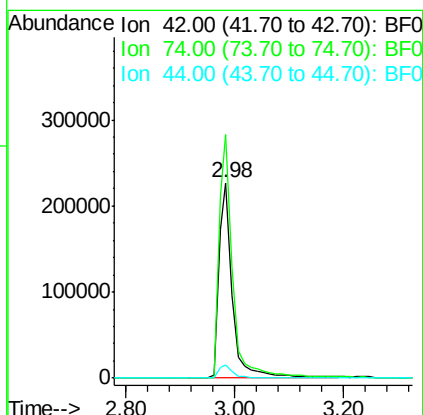
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

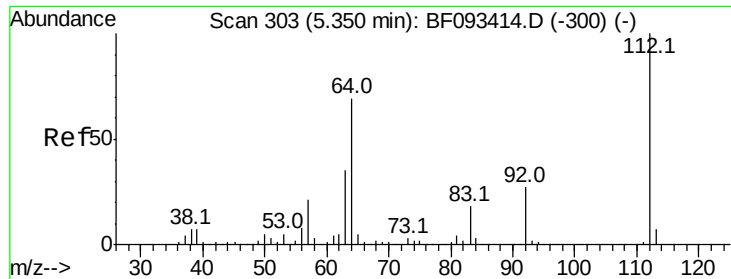
Tot Ion: 79 Resp: 748617
 Ion Ratio Lower Upper
 79 100
 52 84.2 57.1 85.7
 51 40.2 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 54.75 ng
 RT: 2.98 min Scan# 96
 Delta R.T. 0.05 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

Tgt Ion: 42 Resp: 405363
 Ion Ratio Lower Upper
 42 100
 74 124.9 117.0 175.4
 44 7.1 5.5 8.3

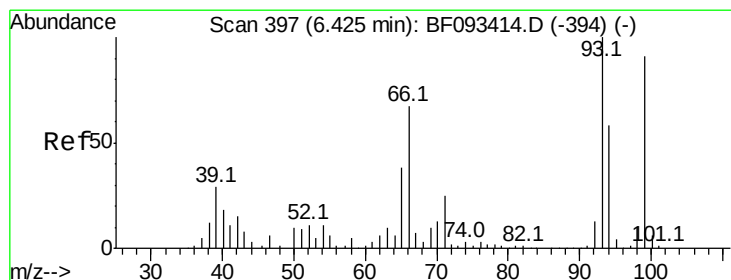
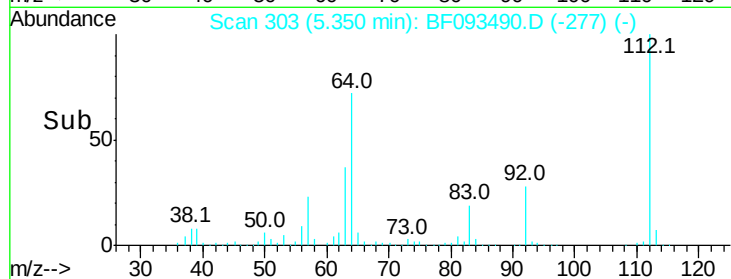
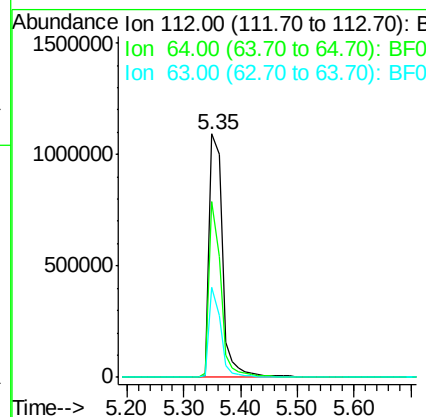
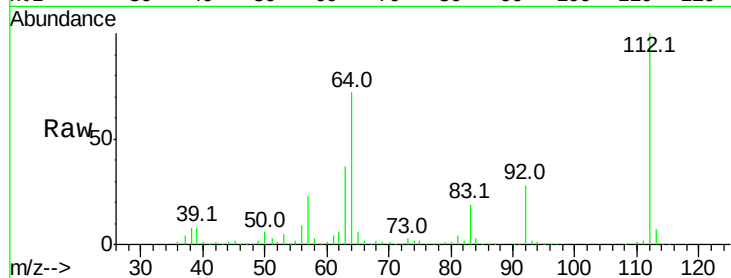




#5
 2-Fluorophenol
 Concen: 154.37 ng
 RT: 5.35 min Scan# 303
 Delta R.T. -0.00 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

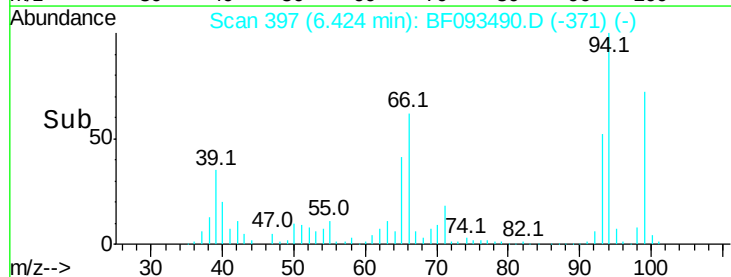
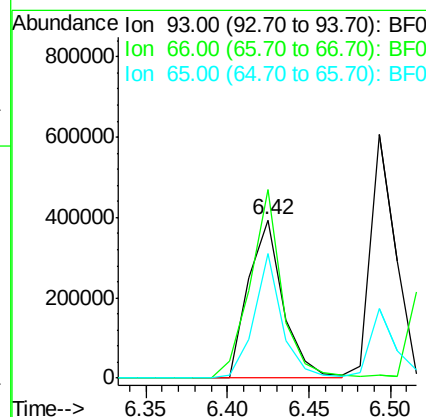
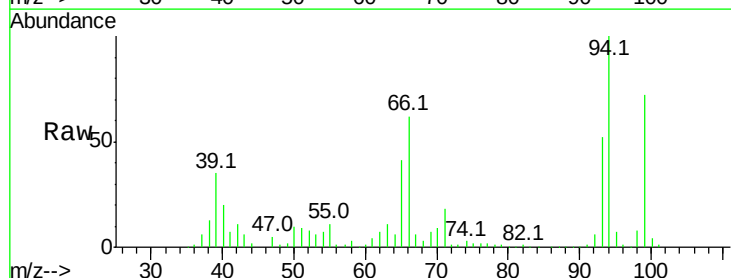
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

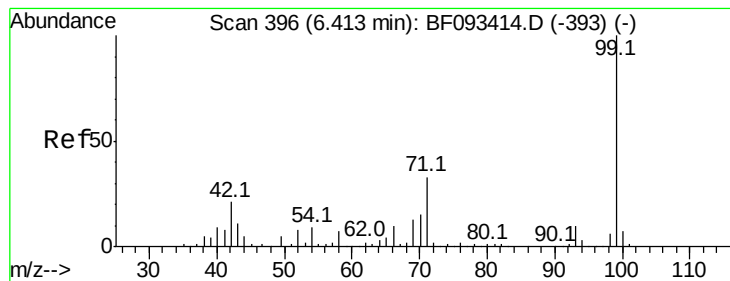
Tot Ion:112 Resp: 1703808
 Ion Ratio Lower Upper
 112 100
 64 72.0 46.1 69.1#
 63 36.9 23.8 35.6#



#6
 Aniline
 Concen: 30.46 ng
 RT: 6.42 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

Tgt Ion: 93 Resp: 581825
 Ion Ratio Lower Upper
 93 100
 66 119.1 76.2 114.2#
 65 78.6 49.3 73.9#





#7

Phenol-d6

Concen: 144.85 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

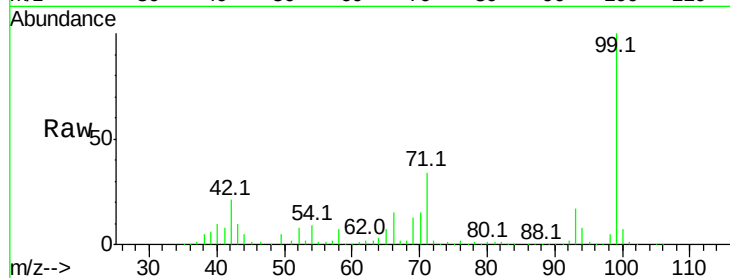
Tot Ion: 99 Resp: 2016144

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

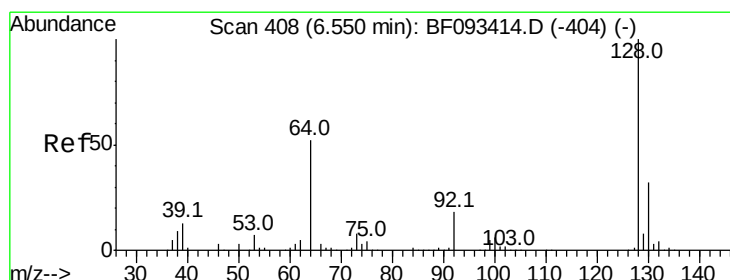
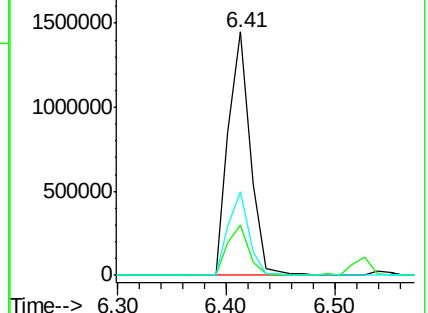
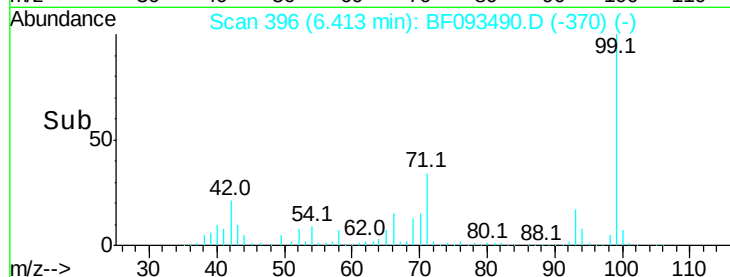
71 34.1 27.5 41.3



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: 48.36 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

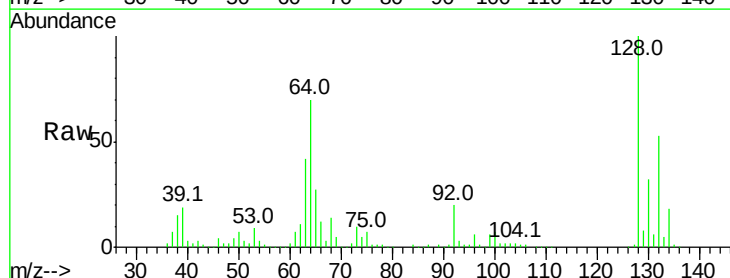
Tgt Ion:128 Resp: 598087

Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

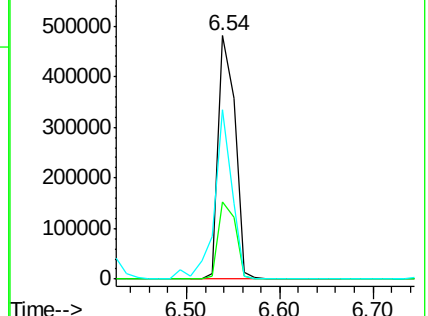
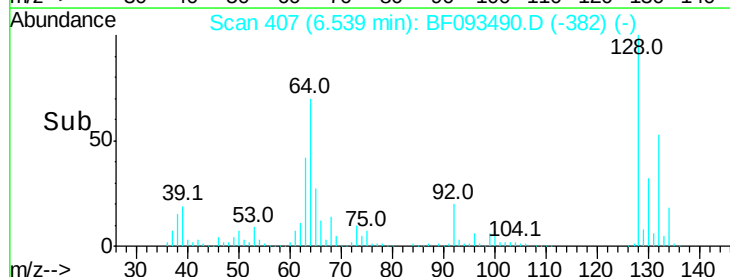
64 69.7 32.2 72.2

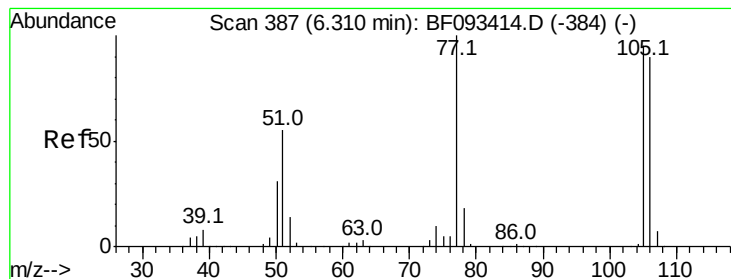


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.36 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

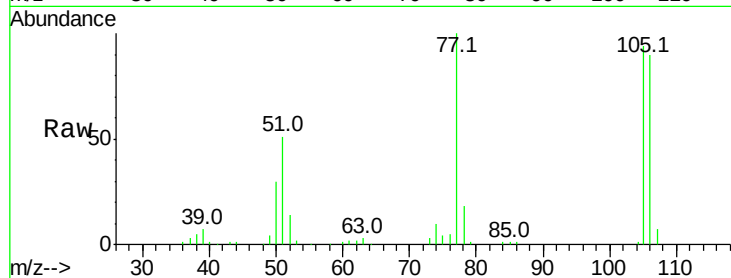
Tot Ion: 77 Resp: 107646

Ion Ratio Lower Upper

77 100

105 94.4 83.9 123.9

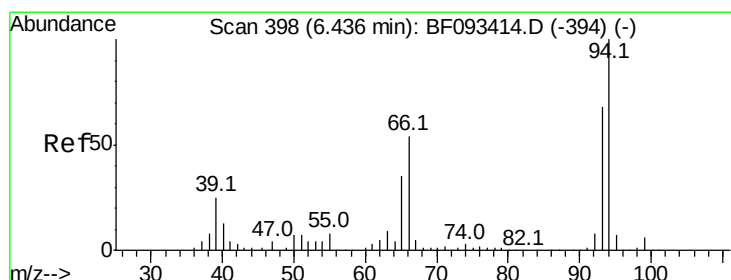
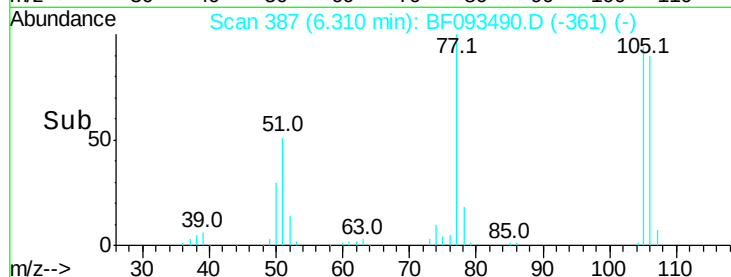
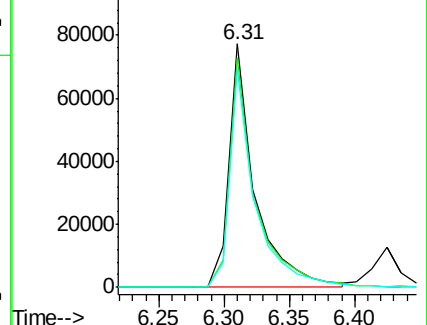
106 89.5 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 50.42 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

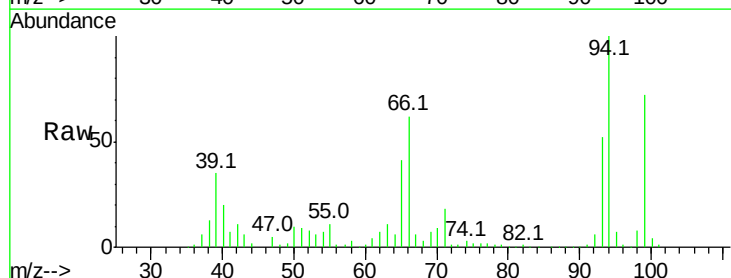
Tgt Ion: 94 Resp: 859937

Ion Ratio Lower Upper

94 100

65 40.9 21.4 61.4

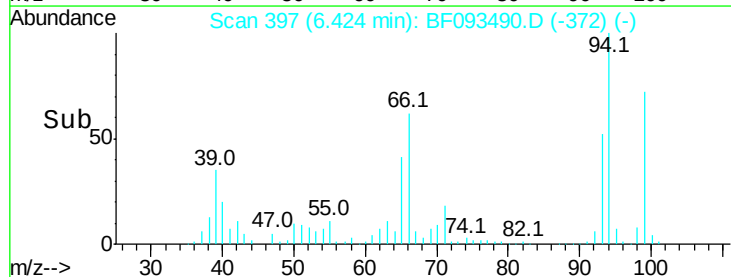
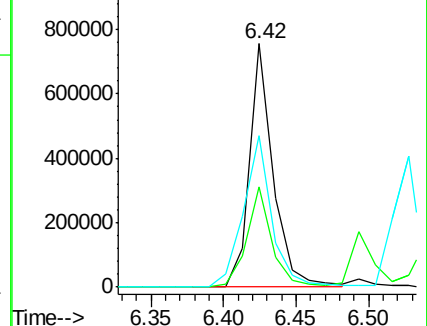
66 62.0 44.0 84.0

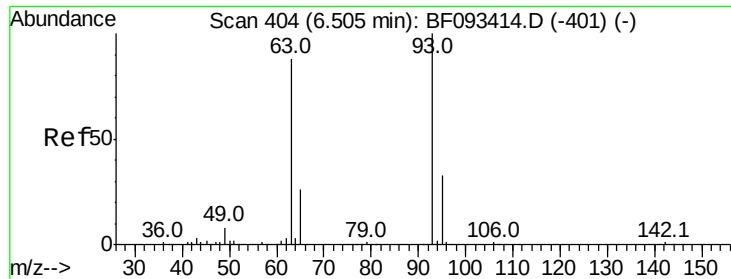


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.83 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

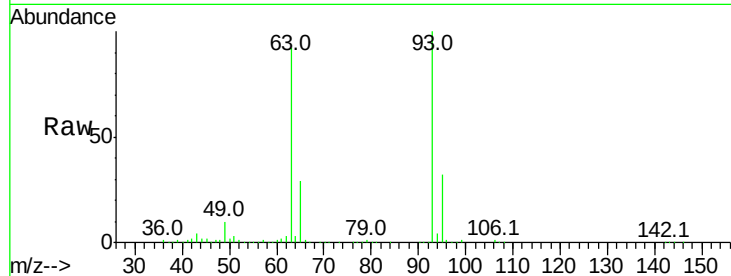
Tot Ion: 93 Resp: 631697

Ion Ratio Lower Upper

93 100

63 92.4 60.4 100.4

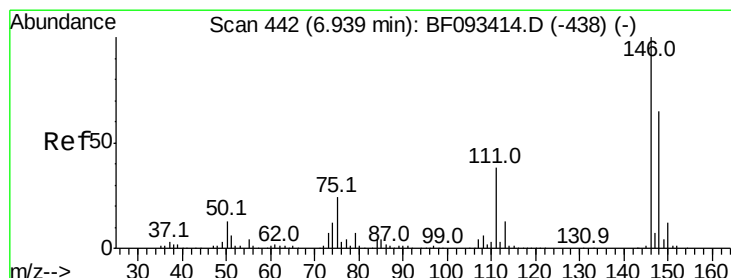
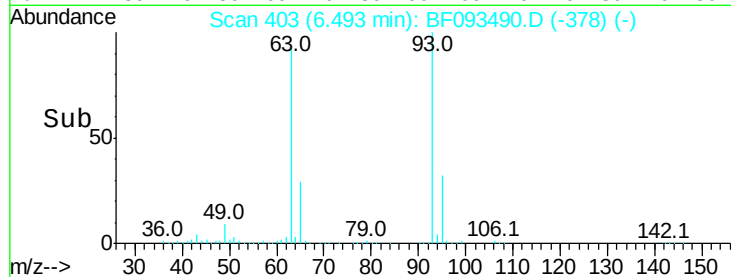
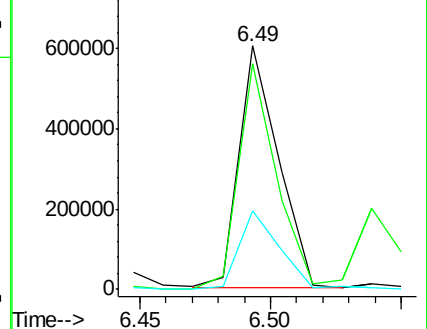
95 32.1 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.57 ng

RT: 6.93 min Scan# 441

Delta R.T. 0.23 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

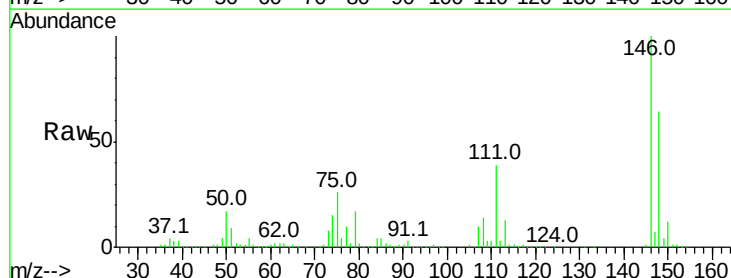
Tgt Ion: 146 Resp: 588360

Ion Ratio Lower Upper

146 100

148 64.1 53.4 80.0

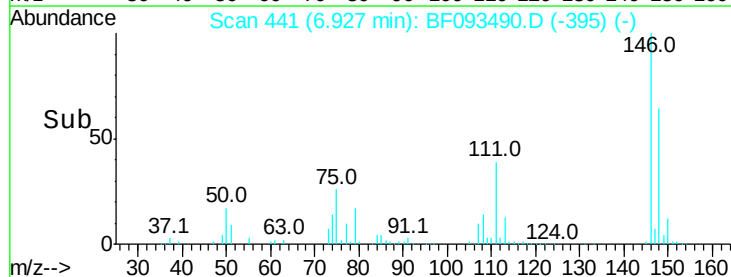
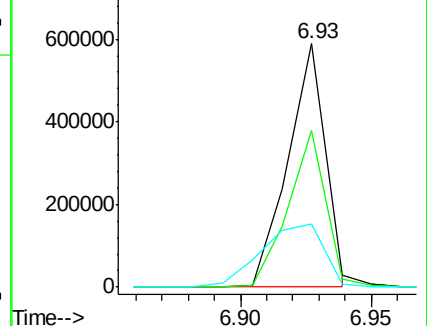
75 26.1 18.5 27.7

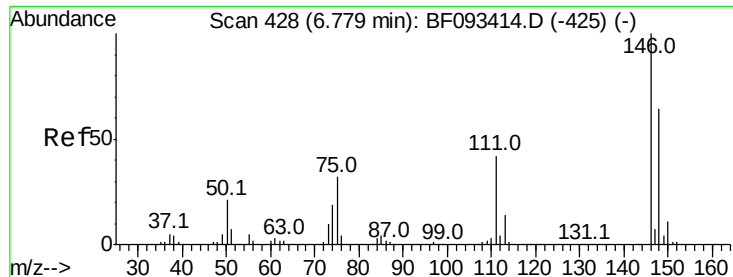


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

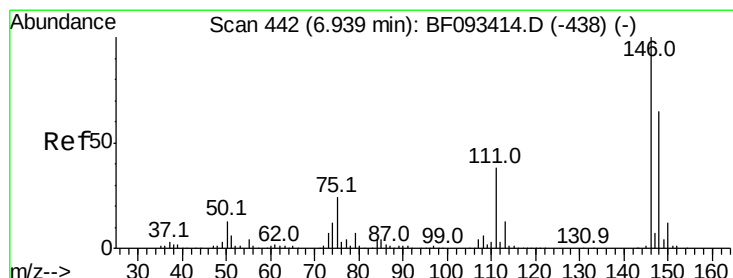
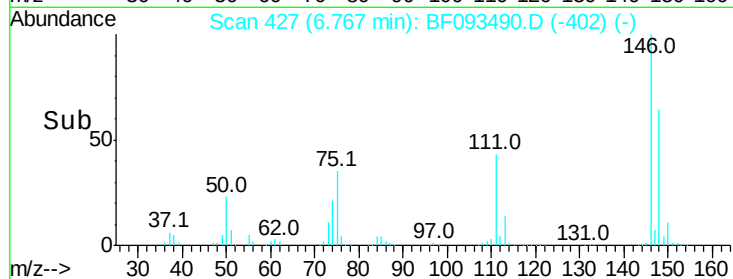
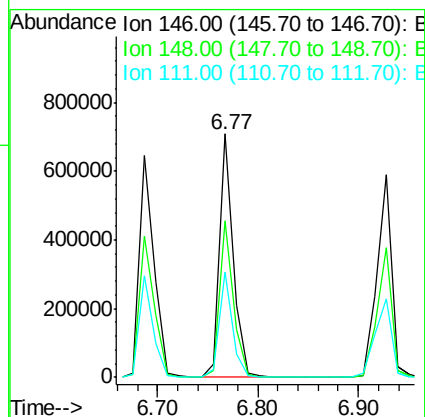
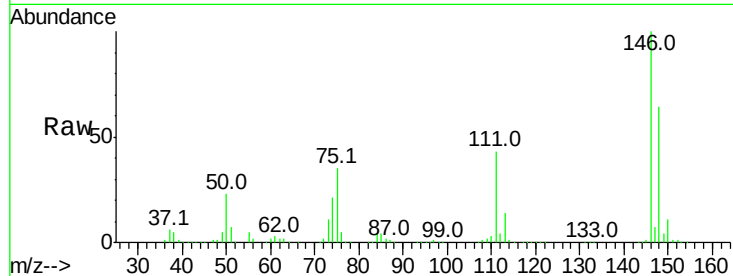




#13
 1,4-Dichlorobenzene
 Concen: 46.38 ng
 RT: 6.77 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

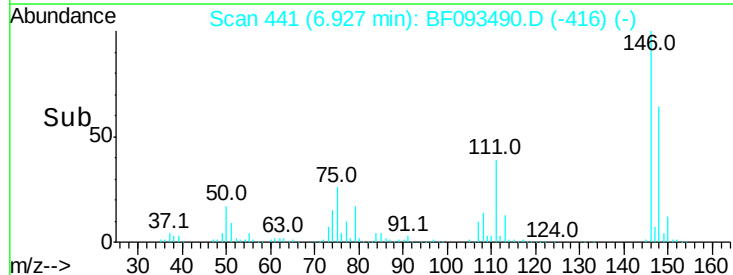
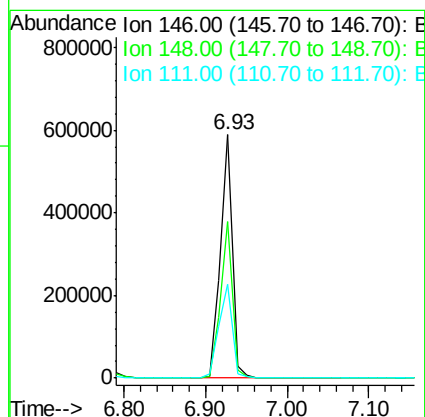
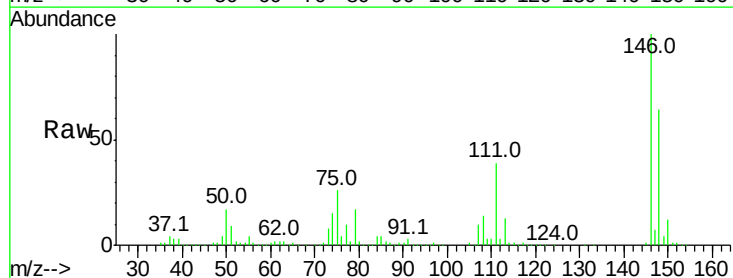
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

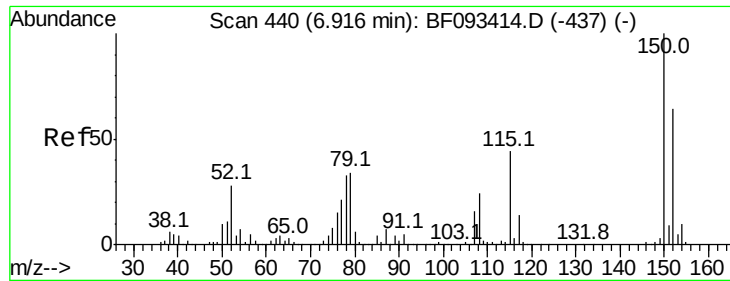
Tot Ion:146 Resp: 672191
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 76.0
 111 43.5 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 46.59 ng
 RT: 6.93 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

Tgt Ion:146 Resp: 597944
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 38.6 36.2 54.2





#15

Benzyl Alcohol

Concen: 53.59 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

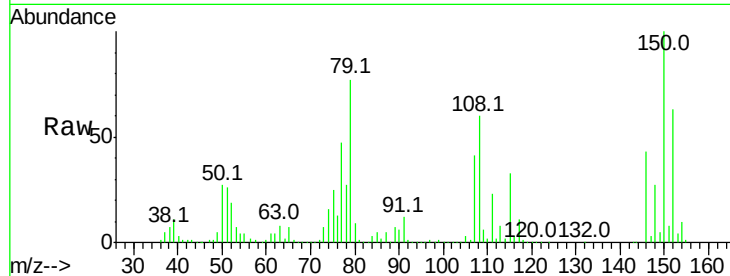
Tot Ion: 79 Resp: 531681

Ion Ratio Lower Upper

79 100

108 78.0 61.4 92.0

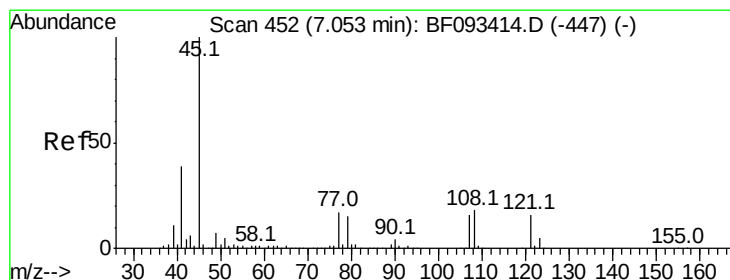
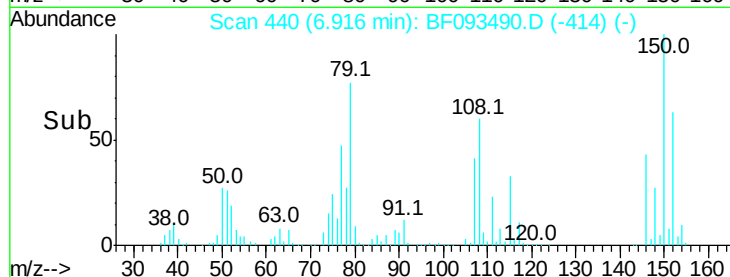
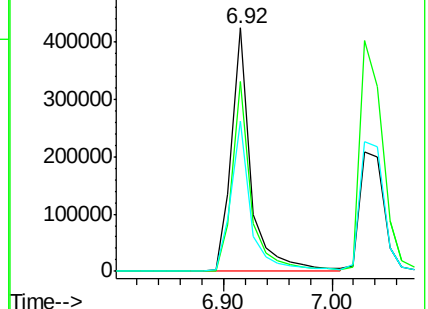
77 61.6 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.45 ng

RT: 7.04 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

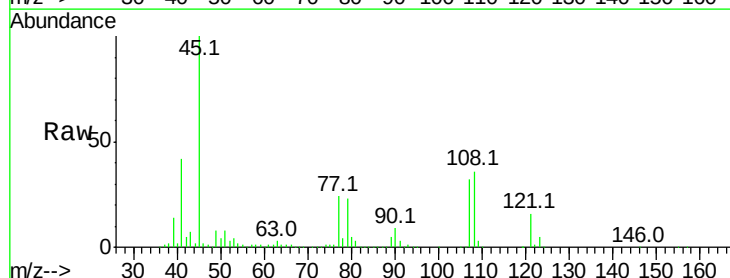
Tgt Ion: 45 Resp: 1086580

Ion Ratio Lower Upper

45 100

77 24.5 0.0 34.6

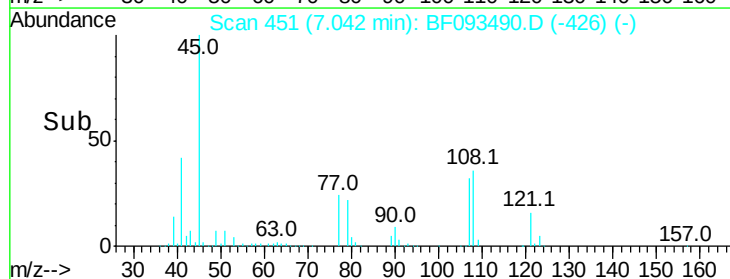
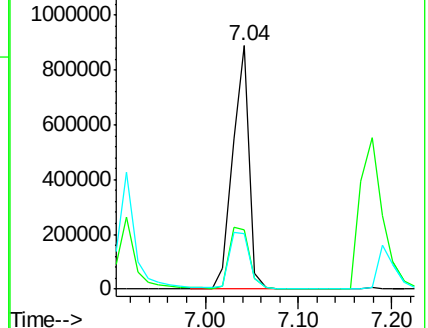
79 22.6 0.0 31.2

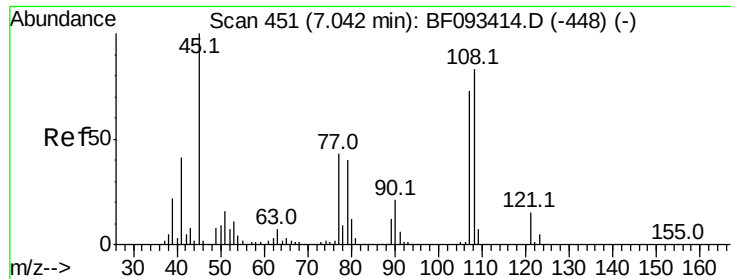


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

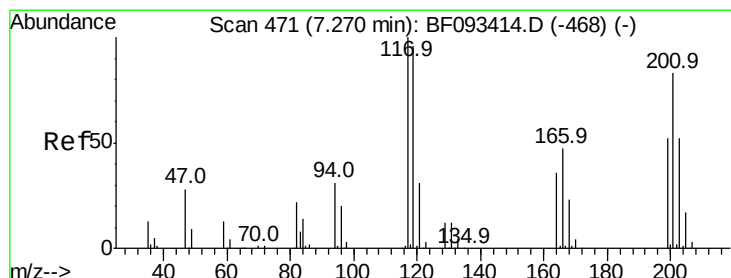
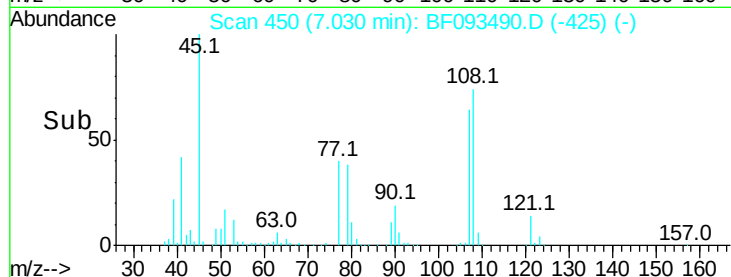
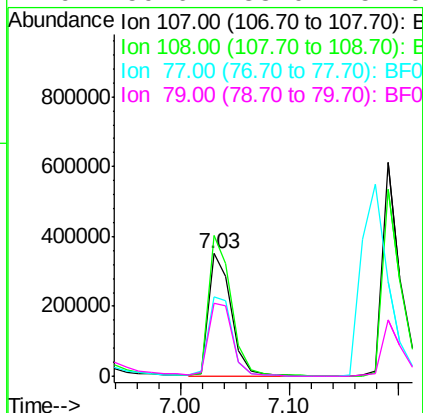
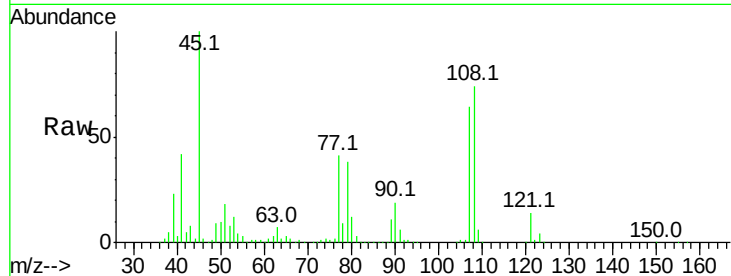




#17
2-Methylphenol
Concen: 48.46 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

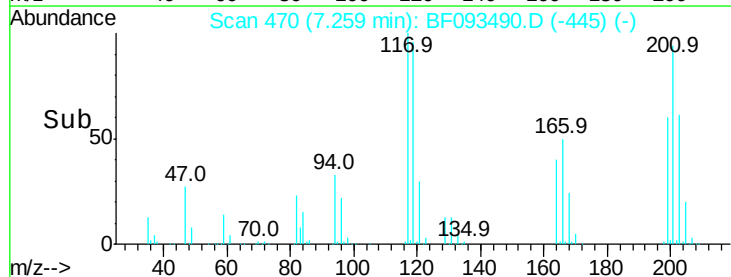
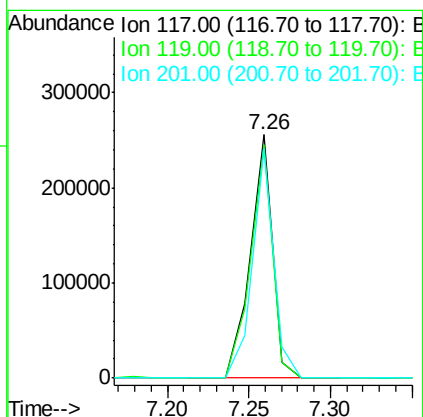
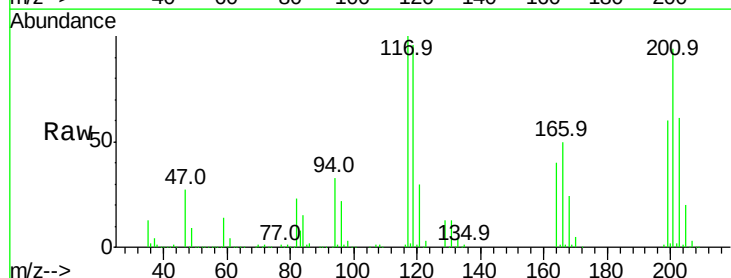
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

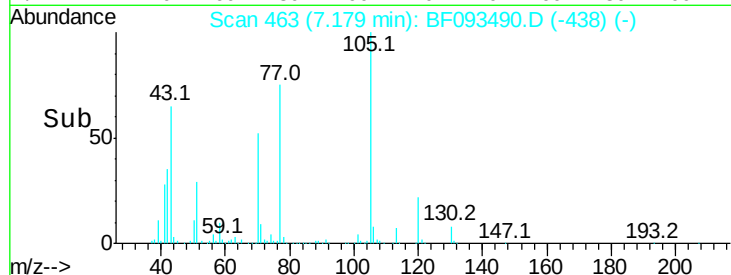
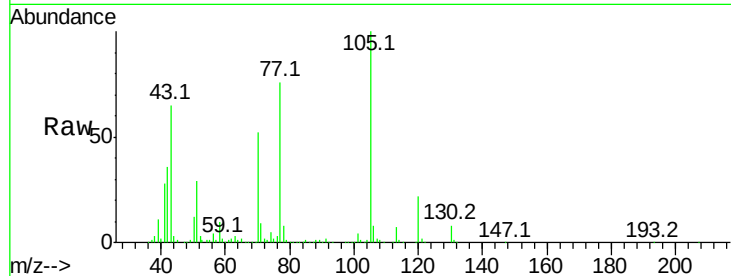
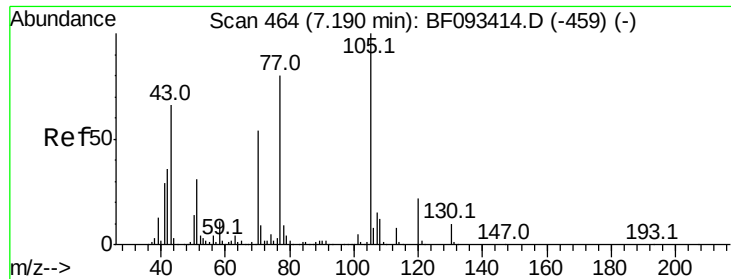
Tot Ion:107 Resp: 506860
Ion Ratio Lower Upper
107 100
108 114.7 93.0 139.6
77 64.4 39.8 59.8#
79 59.6 38.0 57.0#



#18
Hexachloroethane
Concen: 49.36 ng
RT: 7.26 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

Tgt Ion:117 Resp: 241241
Ion Ratio Lower Upper
117 100
119 96.0 78.1 117.1
201 94.3 78.6 117.8

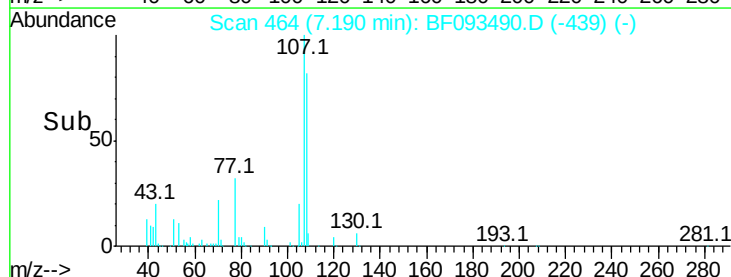
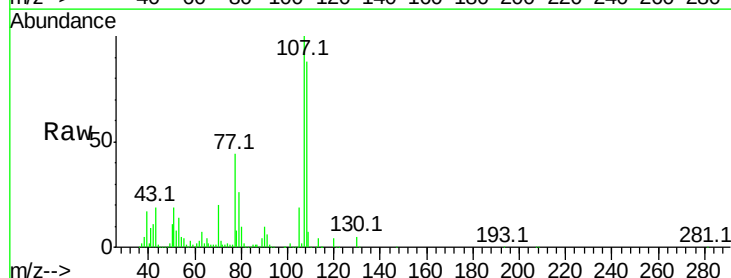
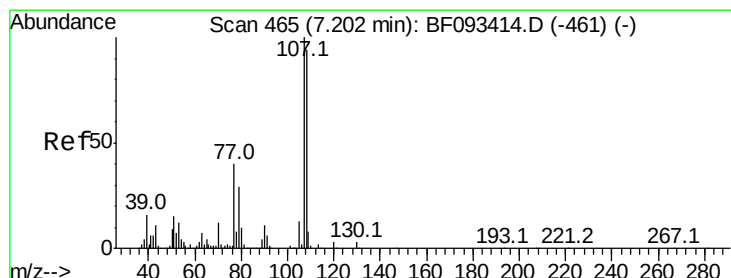
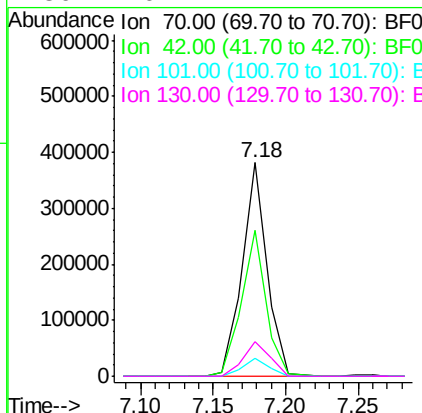




#19
n-Nitroso-di-n-propylamine
Concen: 47.46 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

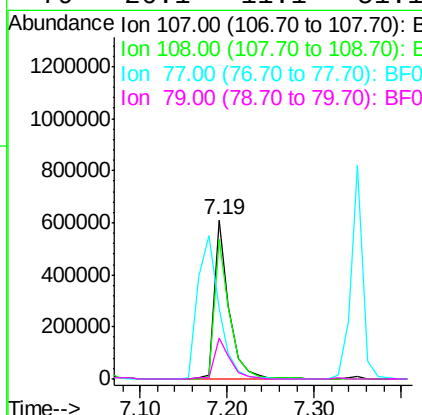
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

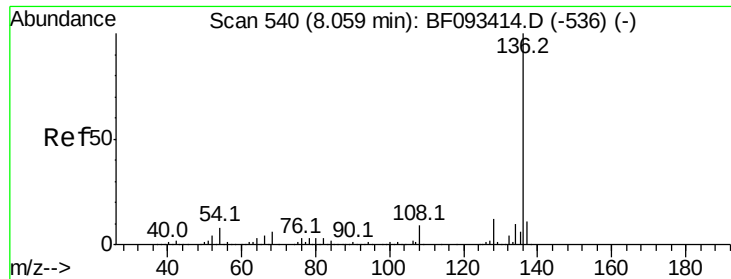
Tot Ion: 70 Resp: 454148
Ion Ratio Lower Upper
70 100
42 68.5 49.4 74.0
101 8.5 7.4 11.2
130 16.1 14.2 21.4



#20
3+4-Methylphenols
Concen: 52.99 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

Tgt Ion:107 Resp: 718814
Ion Ratio Lower Upper
107 100
108 87.7 73.0 113.0
77 44.2 71.3 111.3#
79 26.1 11.1 51.1

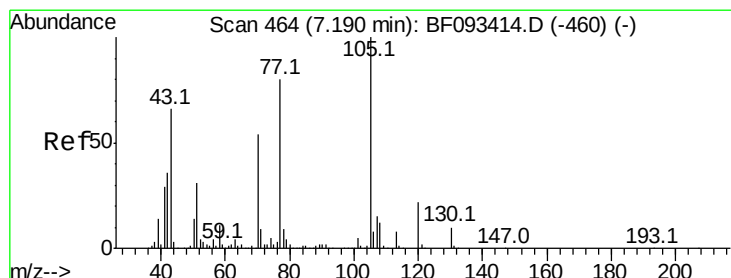
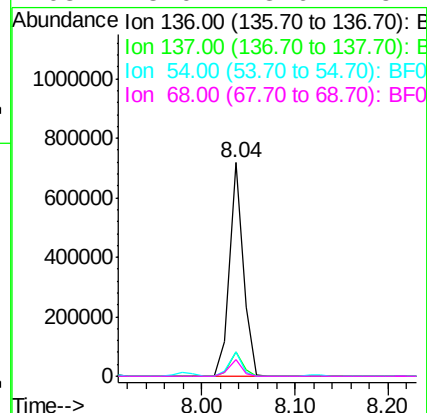
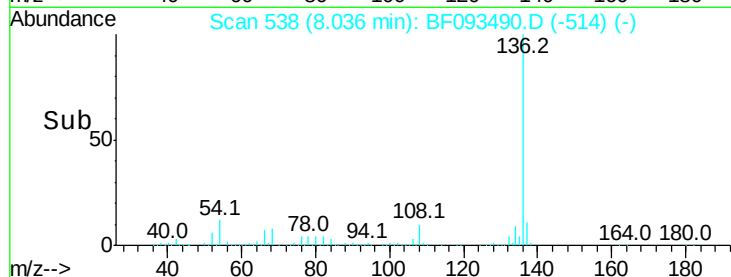
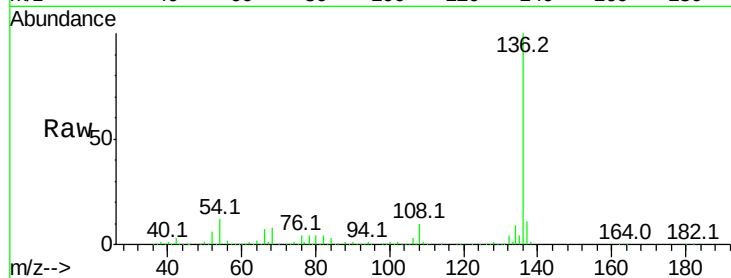




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

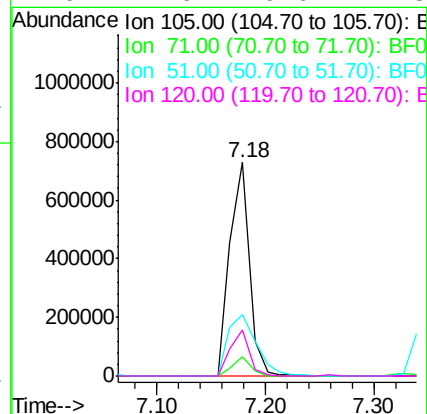
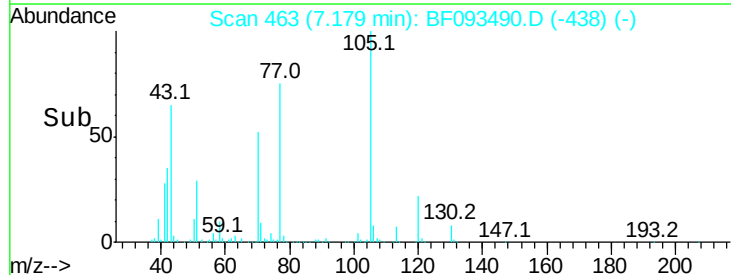
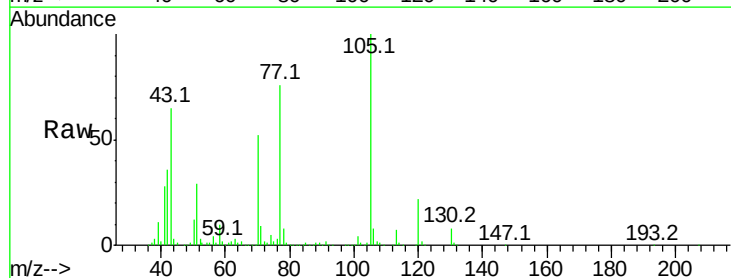
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

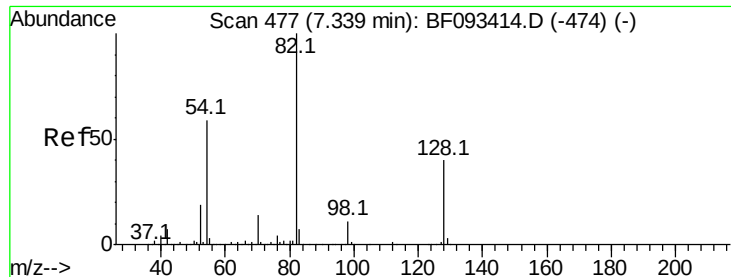
Tot Ion:136	Resp:	737085
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.4 12.6
54	11.6	4.5 6.7#
68	8.0	3.6 5.4#



#22
Acetophenone
Concen: 51.31 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

Tgt Ion:105	Resp:	910077
Ion Ratio	Lower	Upper
105	100	
71	8.9	3.2 4.8#
51	28.9	26.2 39.4
120	21.6	16.6 24.8





#23

Nitrobenzene-d5

Concen: 107.66 ng

RT: 7.33 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

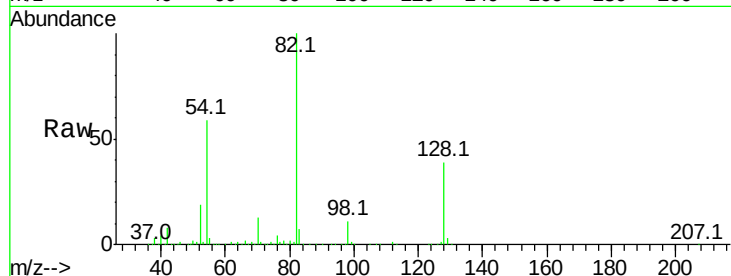
Tot Ion: 82 Resp: 1430272

Ion Ratio Lower Upper

82 100

128 39.2 34.6 52.0

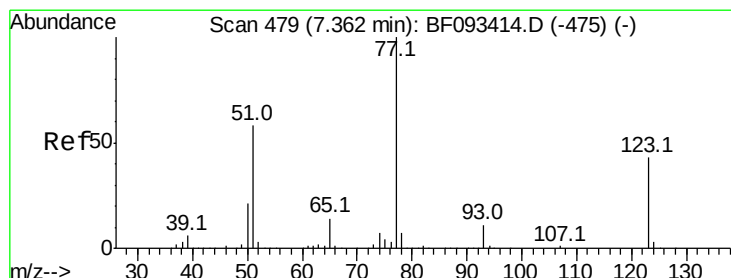
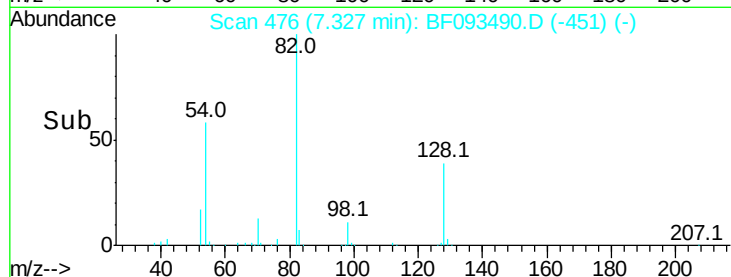
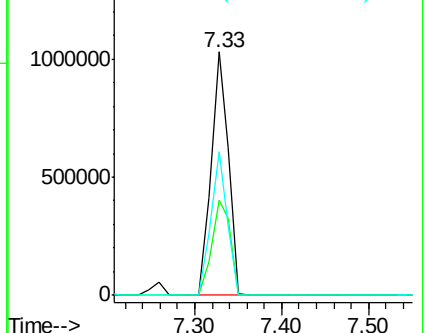
54 59.2 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 52.27 ng

RT: 7.35 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

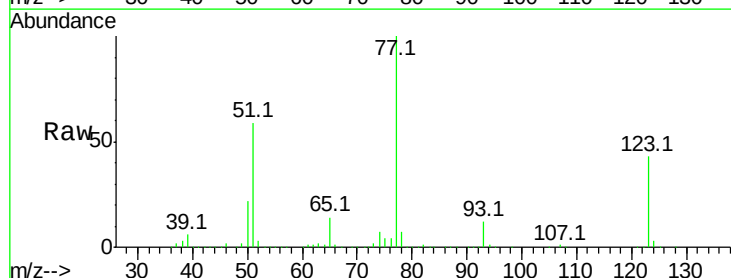
Tgt Ion: 77 Resp: 780469

Ion Ratio Lower Upper

77 100

123 42.8 33.0 49.4

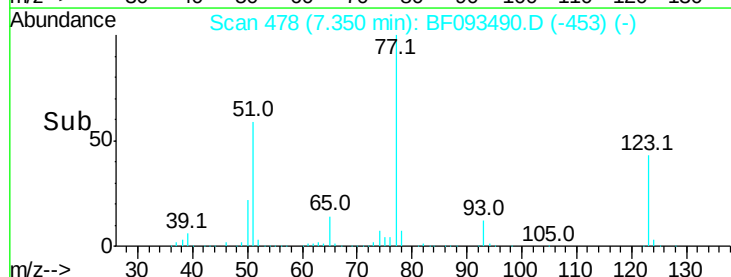
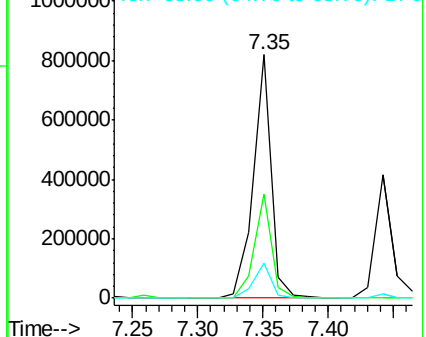
65 14.1 11.2 16.8

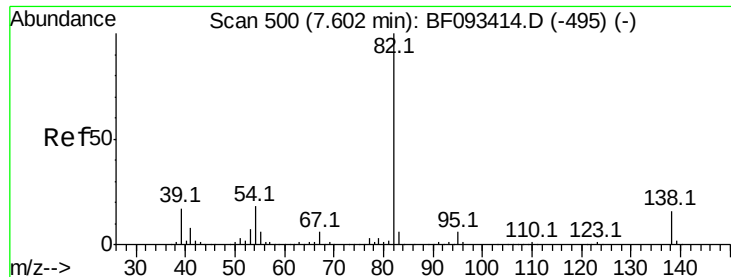


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 50.93 ng

RT: 7.59 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

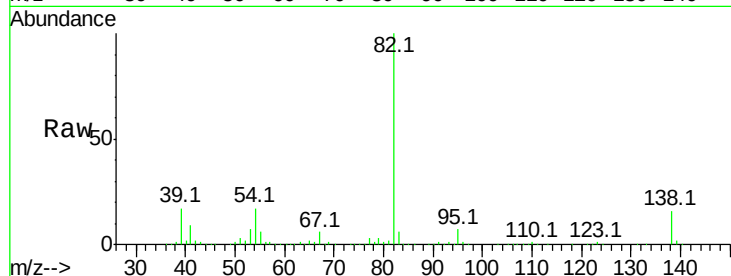
Tot Ion: 82 Resp: 1364231

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

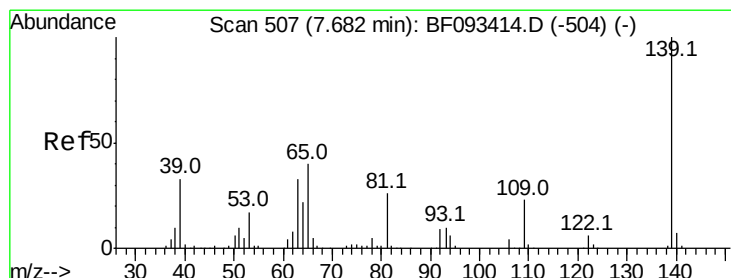
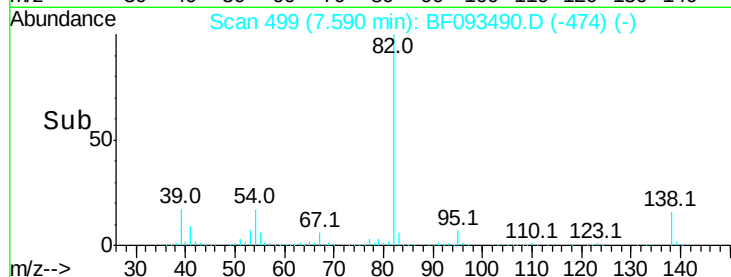
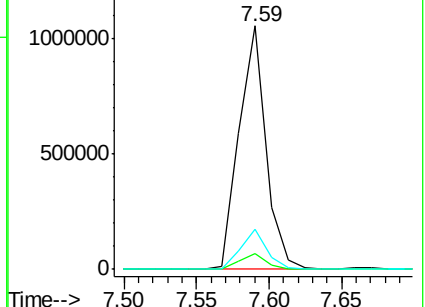
138 16.3 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 51.52 ng

RT: 7.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

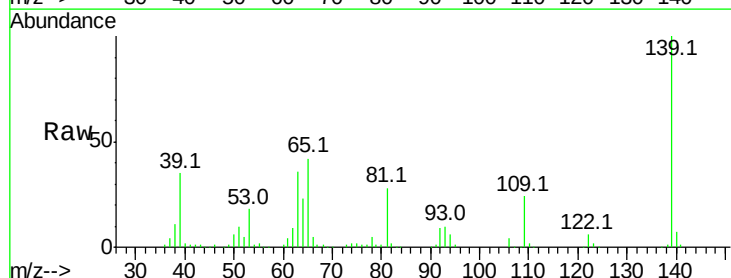
Tgt Ion:139 Resp: 350955

Ion Ratio Lower Upper

139 100

109 23.6 23.3 34.9

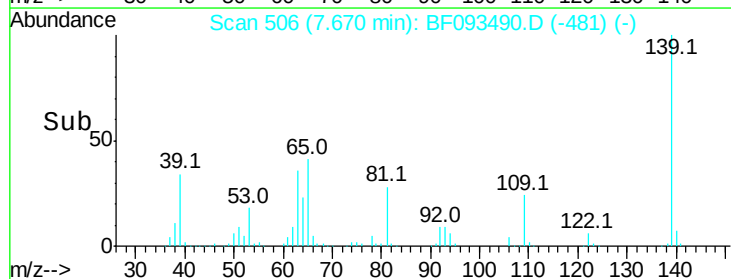
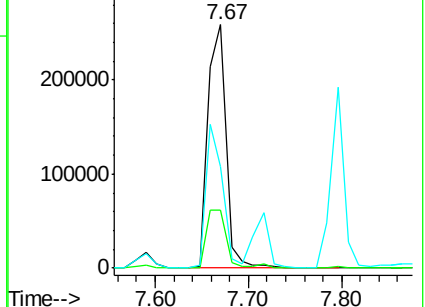
65 41.5 42.7 64.1#

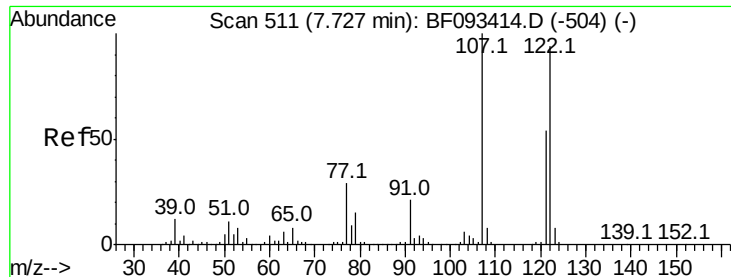


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

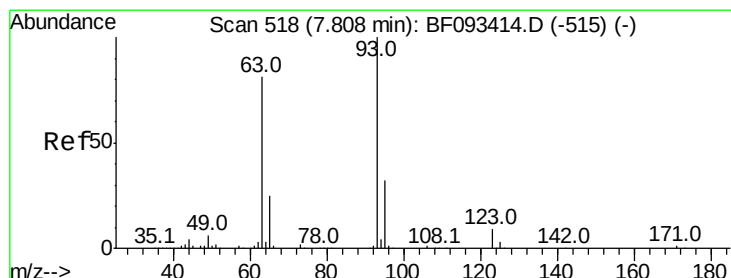
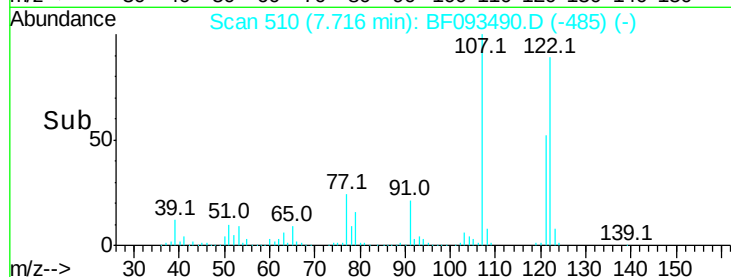
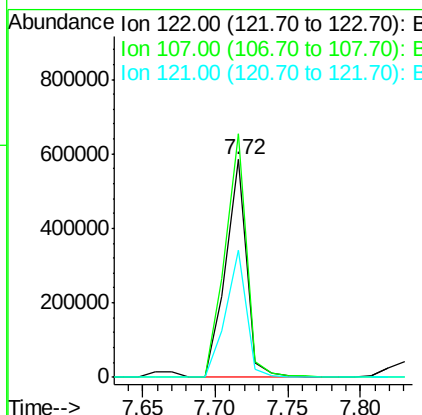
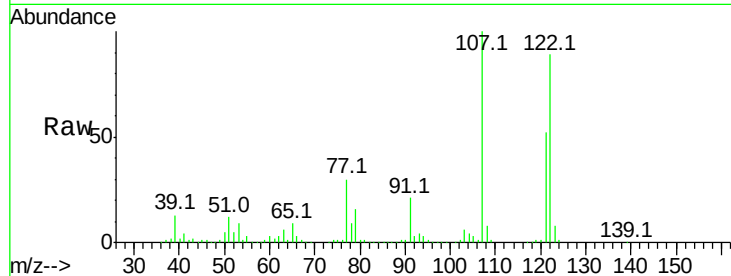




#27
 2,4-Dimethylphenol
 Concen: 52.86 ng
 RT: 7.72 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

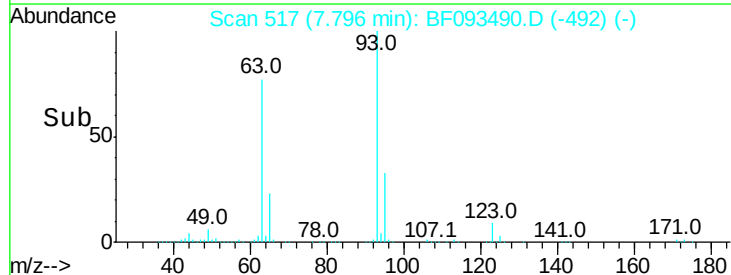
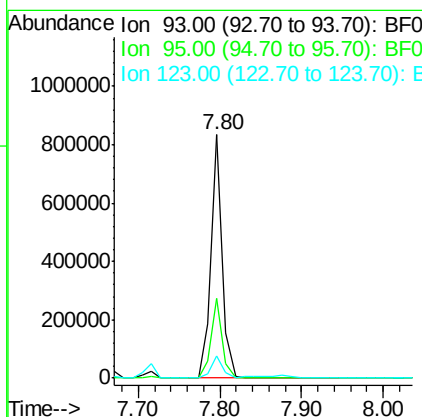
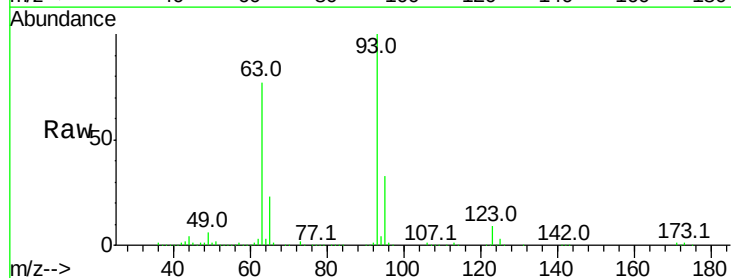
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

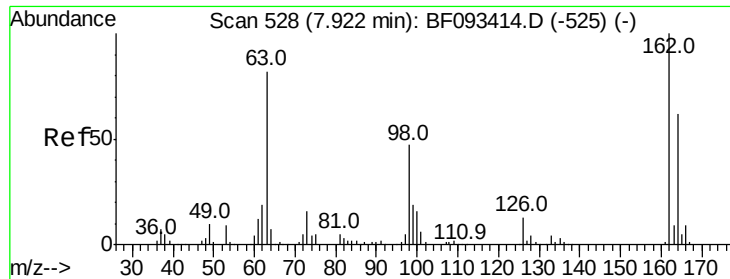
Tot Ion:122 Resp: 585724
 Ion Ratio Lower Upper
 122 100
 107 112.0 94.1 141.1
 121 58.6 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.43 ng
 RT: 7.80 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

Tgt Ion: 93 Resp: 818972
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 9.4 8.6 13.0

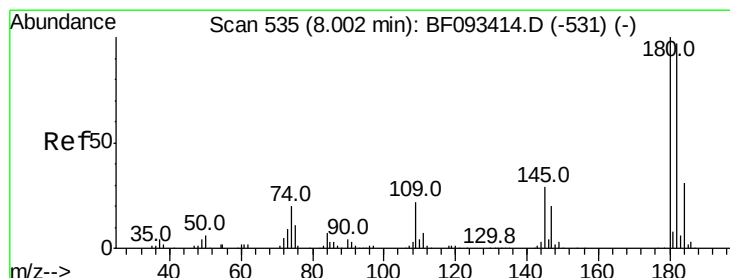
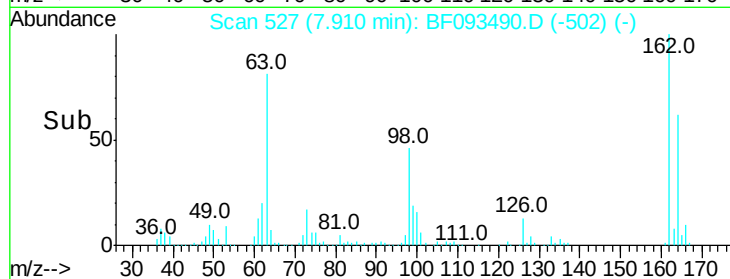
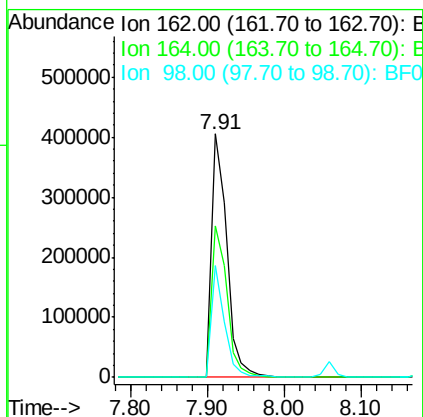
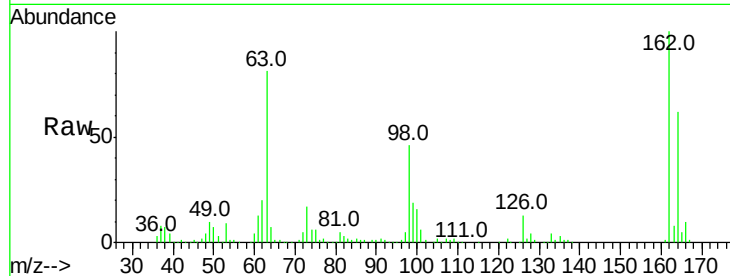




#29
 2,4-Dichlorophenol
 Concen: 53.04 ng
 RT: 7.91 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

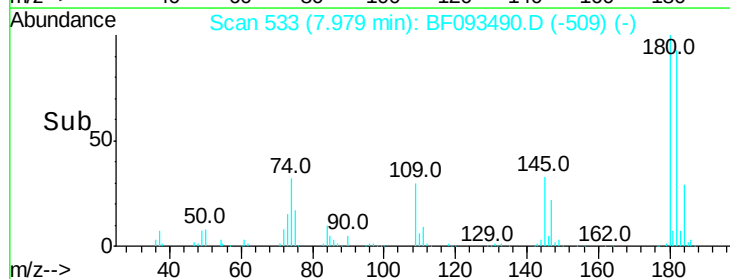
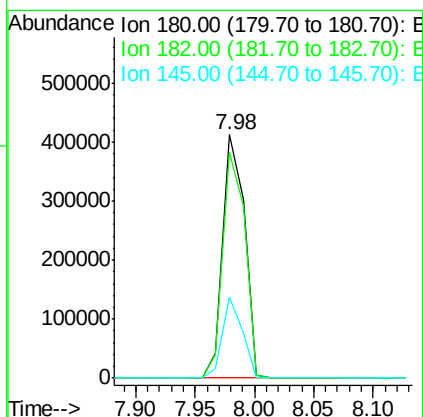
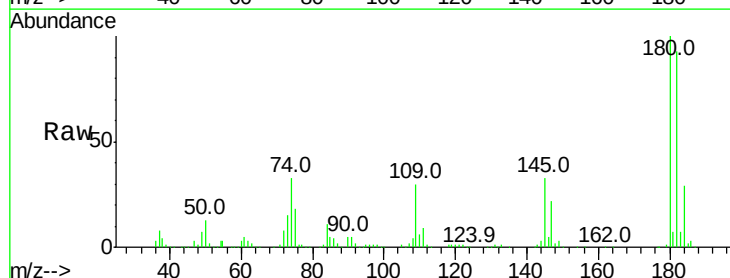
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

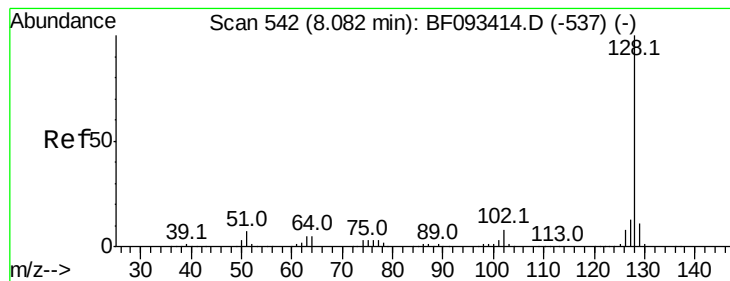
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	46.8	86.8
98	45.8	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 47.32 ng
 RT: 7.98 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	78.2	117.4
145	33.4	21.6	32.4





#31

Naphthalene

Concen: 44.33 ng

RT: 8.06 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

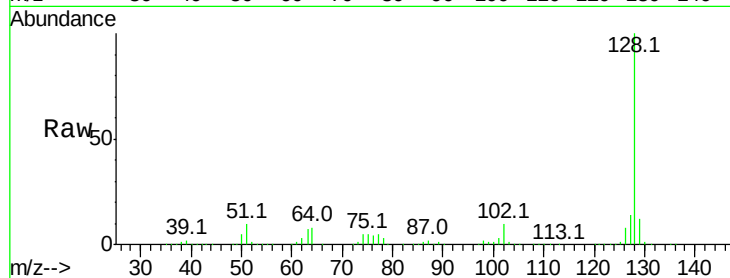
Tot Ion:128 Resp: 1637349

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

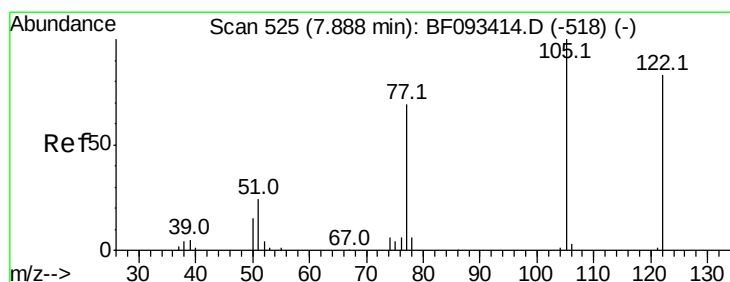
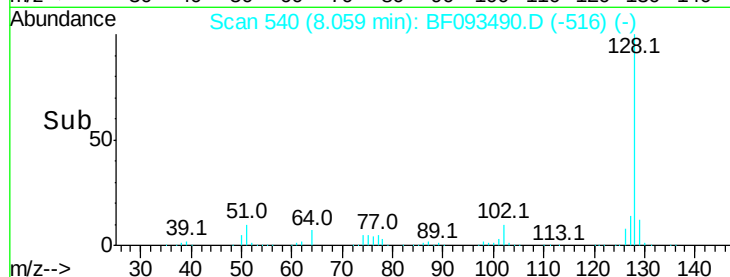
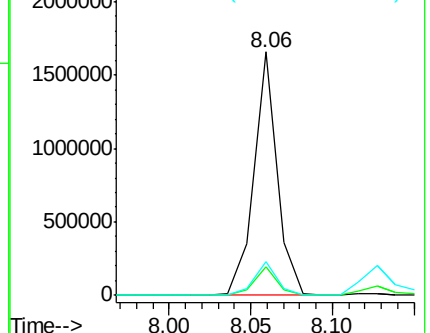
127 13.8 10.8 16.2



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: 61.55 ng

RT: 7.88 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

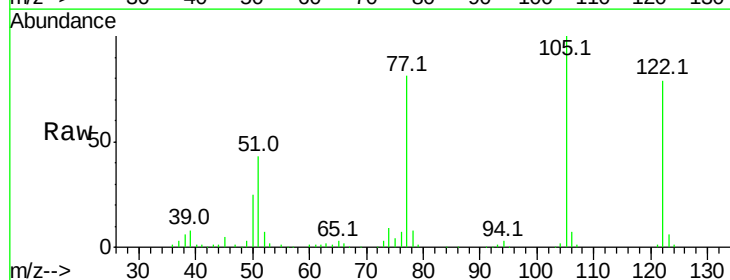
Tgt Ion:122 Resp: 354441

Ion Ratio Lower Upper

122 100

105 125.8 107.2 147.2

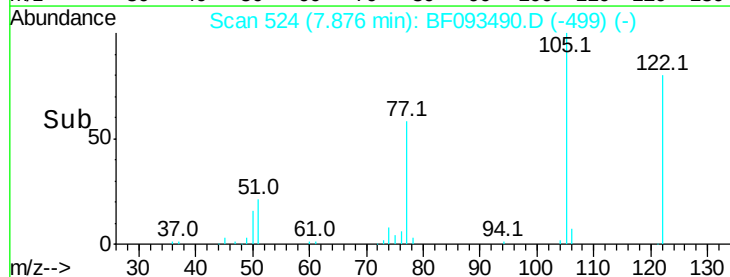
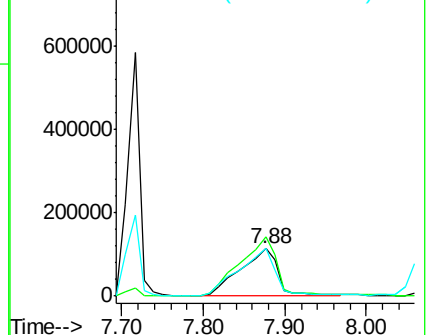
77 101.4 74.5 114.5

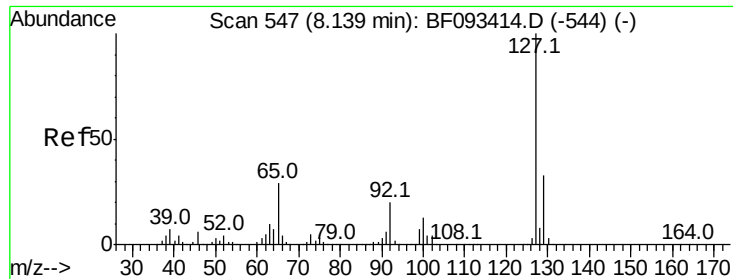


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

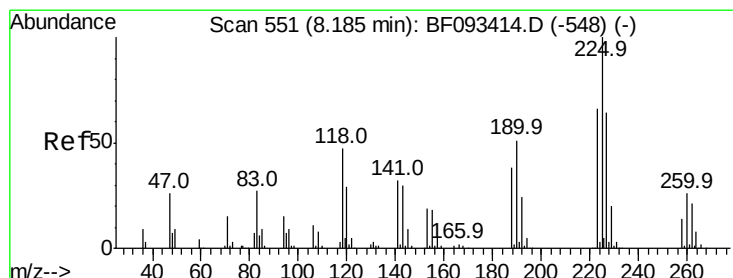
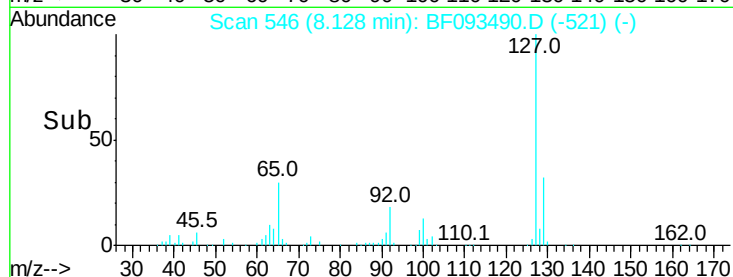
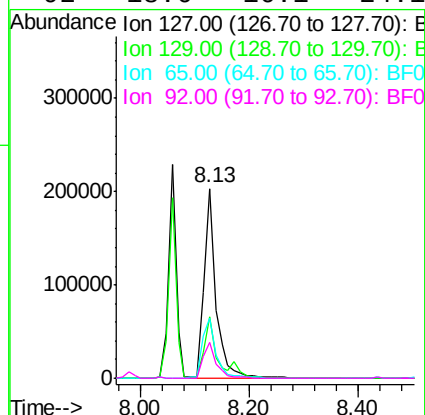
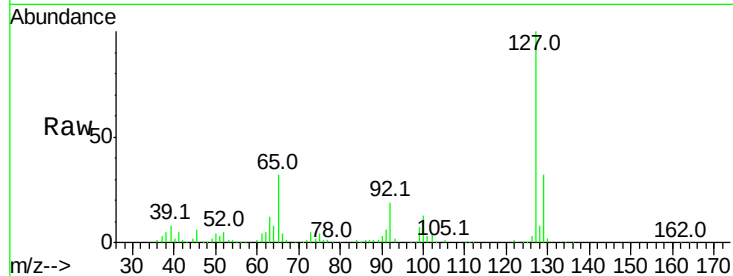




#33
4-Chloroaniline
Concen: 20.59 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

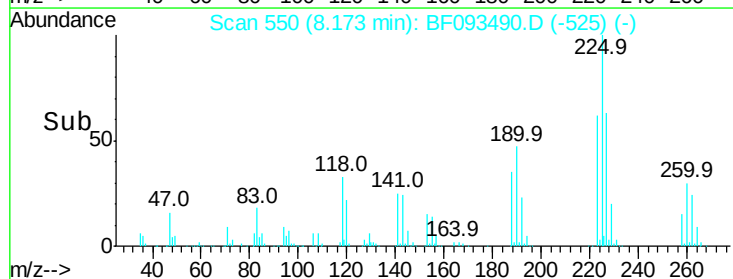
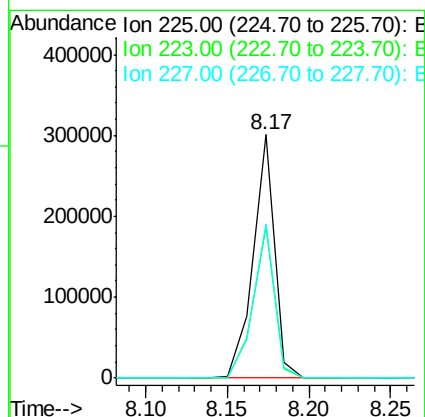
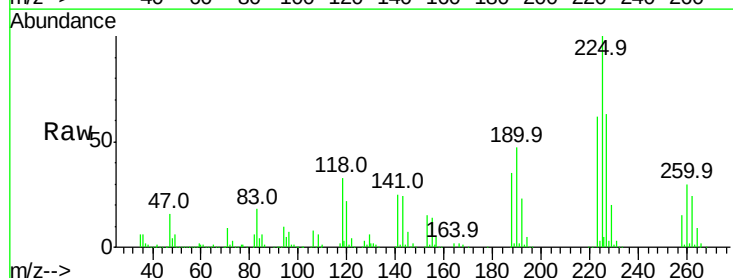
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

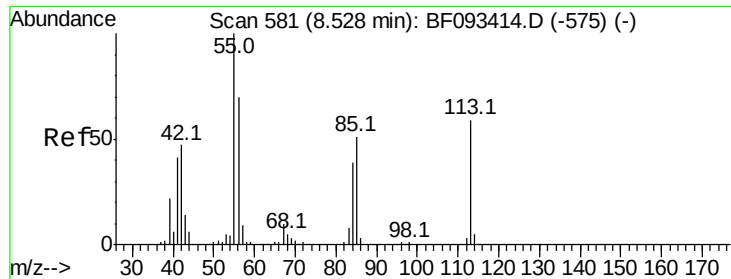
Tot Ion:	127	Resp:	308688
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	31.7	25.8	38.8
92	18.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 48.02 ng
RT: 8.17 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

Tgt Ion:	225	Resp:	274231
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	63.3	50.6	76.0





#35

Caprolactam

Concen: 30.75 ng

RT: 8.50 min Scan# 579

Delta R.T. -0.02 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

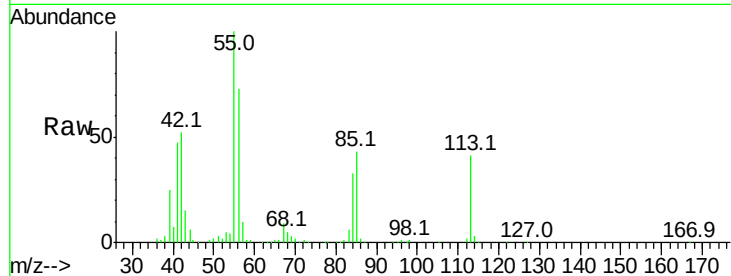
Tot Ion:113 Resp: 109468

Ion Ratio Lower Upper

113 100

55 242.1 119.2 159.2#

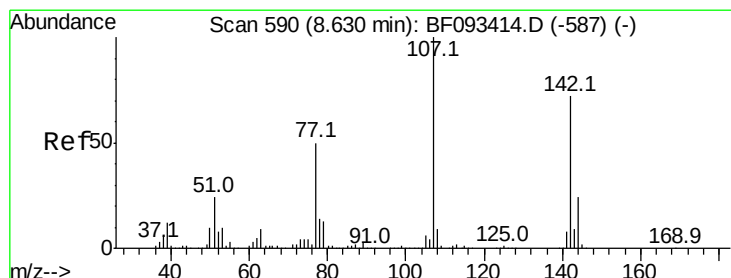
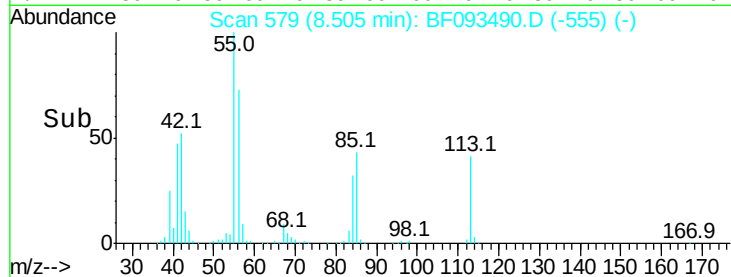
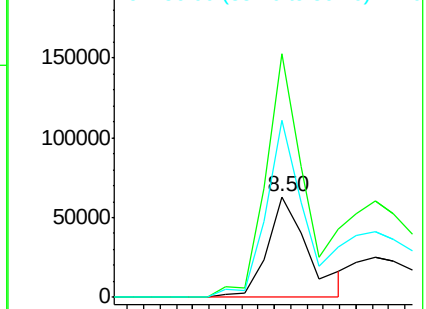
56 176.3 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 55.60 ng

RT: 8.63 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

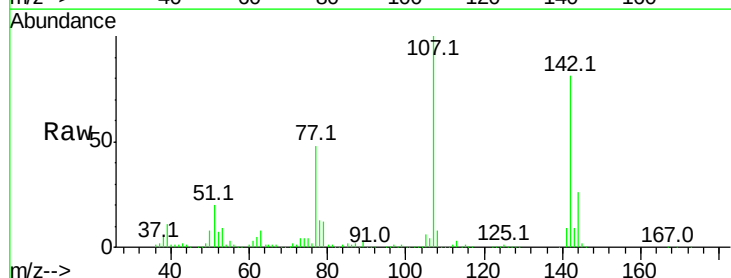
Tgt Ion:107 Resp: 618712

Ion Ratio Lower Upper

107 100

144 26.3 19.3 28.9

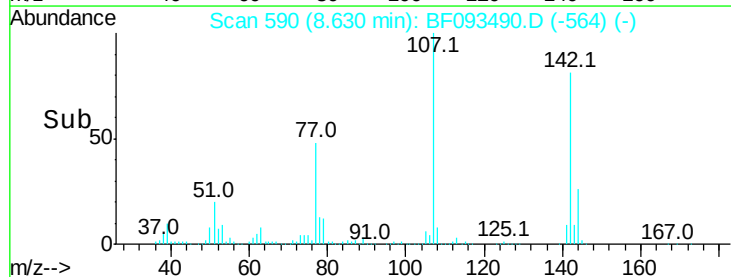
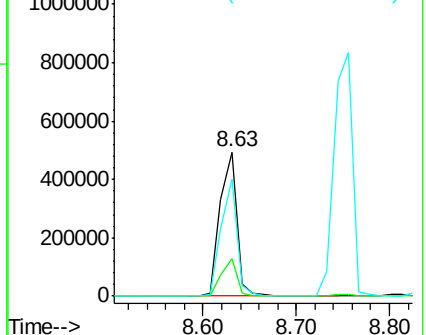
142 80.9 59.0 88.6

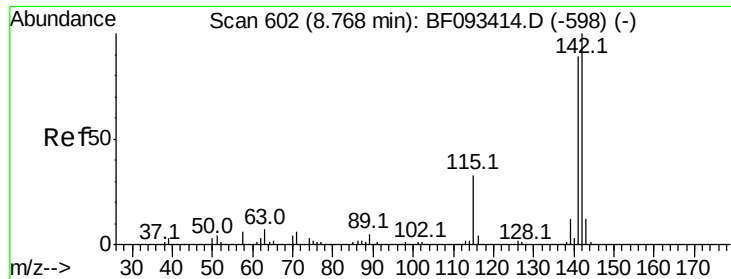


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

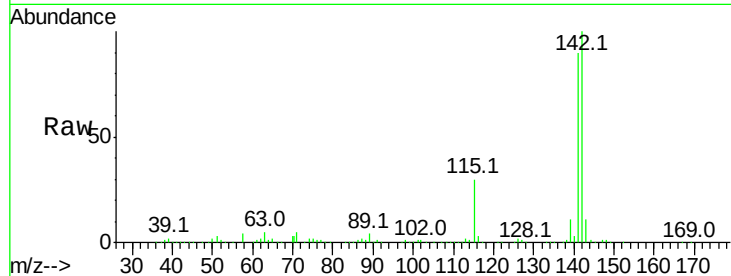




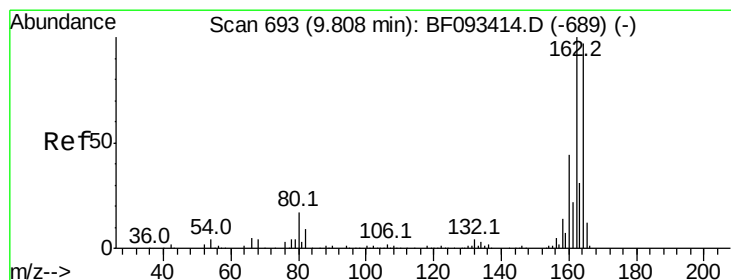
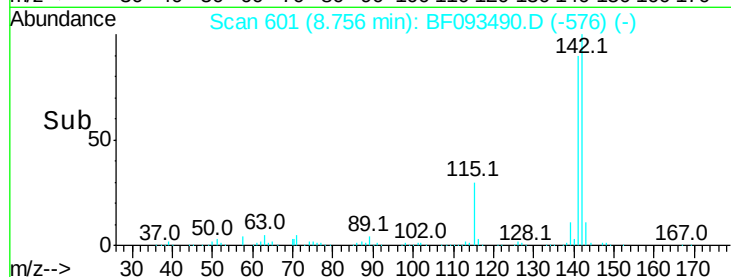
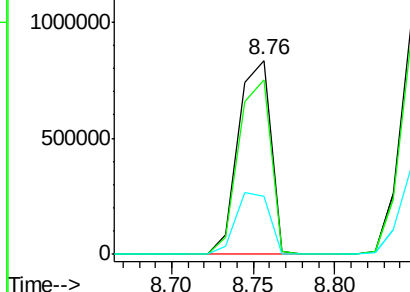
#37
2-Methylnaphthalene
Concen: 49.06 ng
RT: 8.76 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

Tot Ion:142 Resp: 1153039
Ion Ratio Lower Upper
142 100
141 89.8 71.0 106.6
115 30.2 28.3 42.5

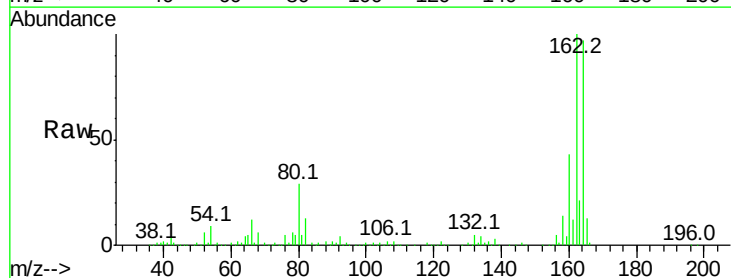


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

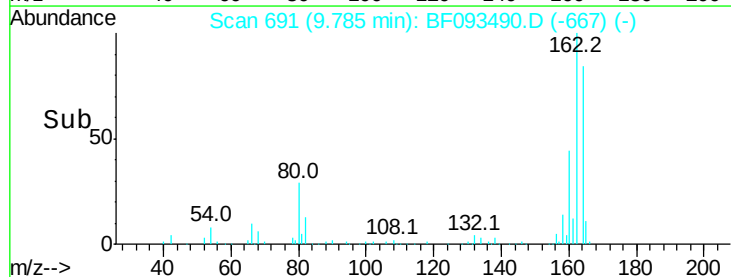
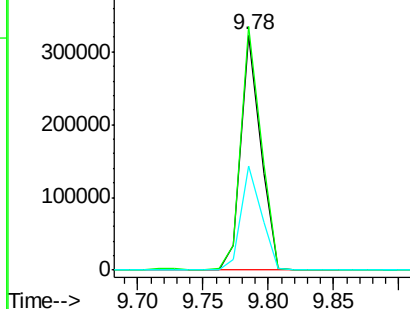


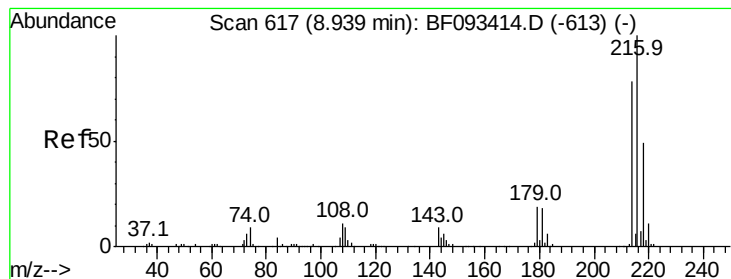
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

Tgt Ion:164 Resp: 338544
Ion Ratio Lower Upper
164 100
162 103.5 80.2 120.2
160 44.5 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.33 ng

RT: 8.92 min Scan# 615

Delta R.T. -0.02 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

Tot Ion:216 Resp: 474489

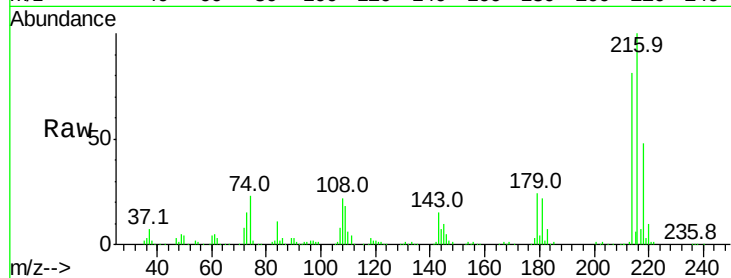
Ion Ratio Lower Upper

216 100

214 80.6 63.4 95.0

179 22.1 17.4 26.2

108 22.8 15.6 23.4

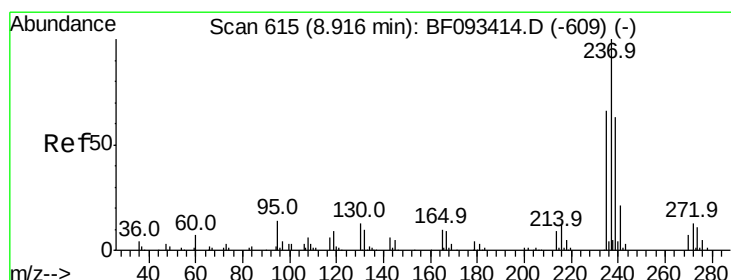
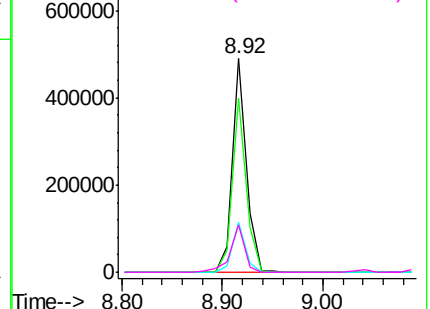
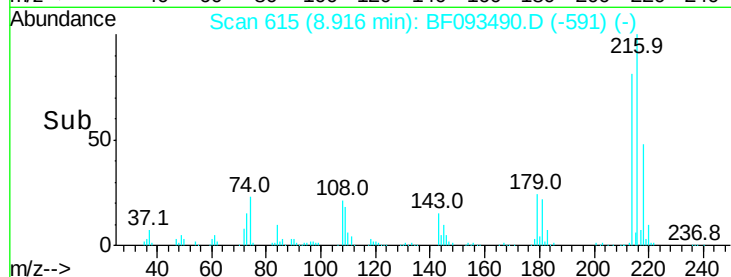


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 93.79 ng

RT: 8.89 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

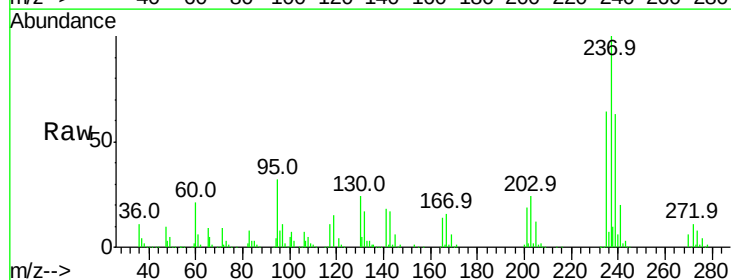
Tgt Ion:237 Resp: 224488

Ion Ratio Lower Upper

237 100

235 63.8 41.2 81.2

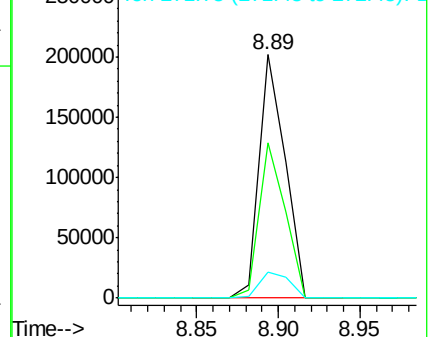
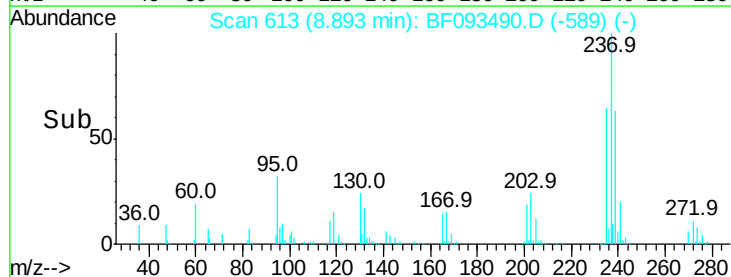
272 10.7 0.0 35.4

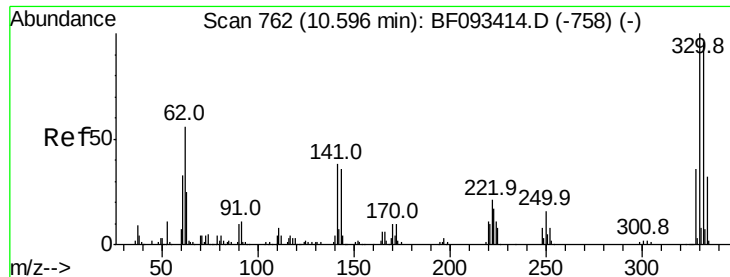


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 159.32 ng

RT: 10.58 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

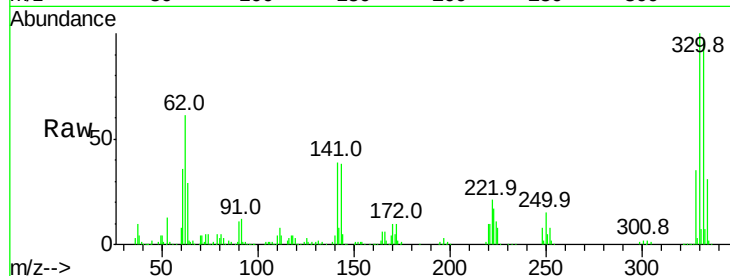
Tot Ion:330 Resp: 351403

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.2

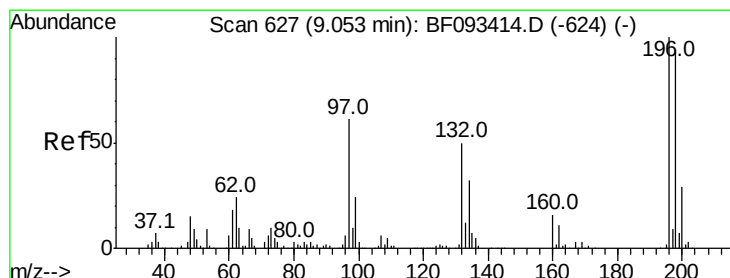
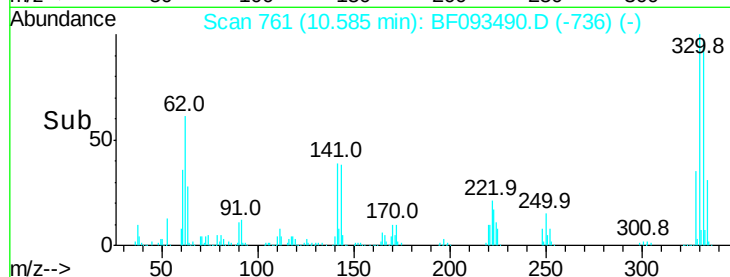
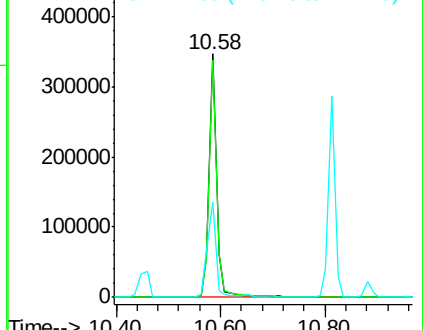
141 43.6 34.1 51.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 59.52 ng

RT: 9.04 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

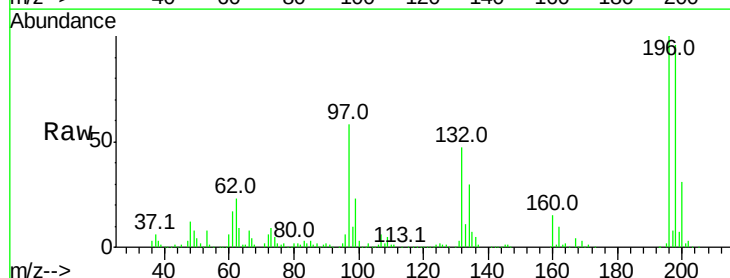
Tgt Ion:196 Resp: 343792

Ion Ratio Lower Upper

196 100

198 95.7 82.1 123.1

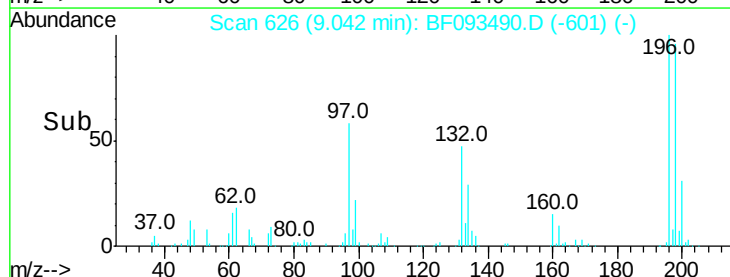
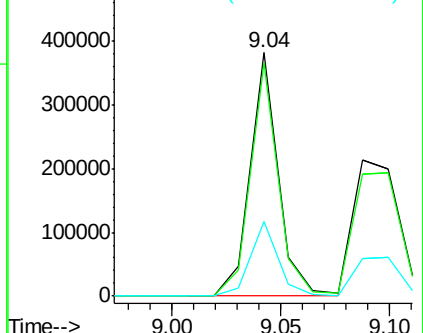
200 30.7 27.0 40.4

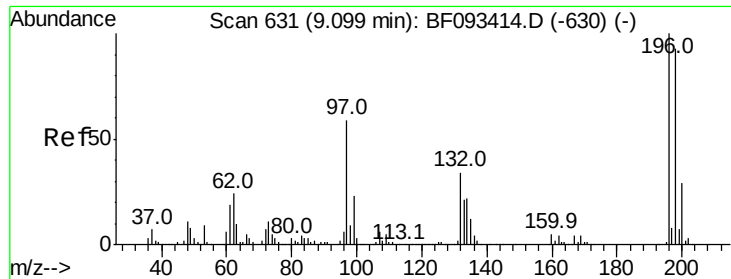


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

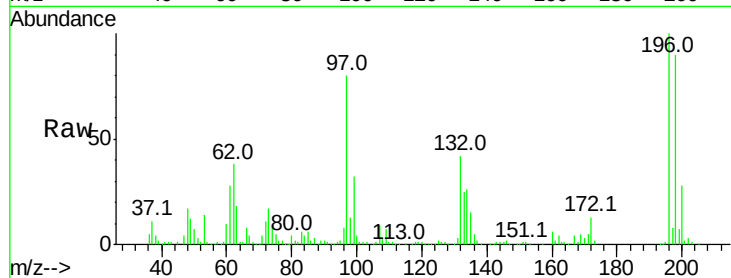




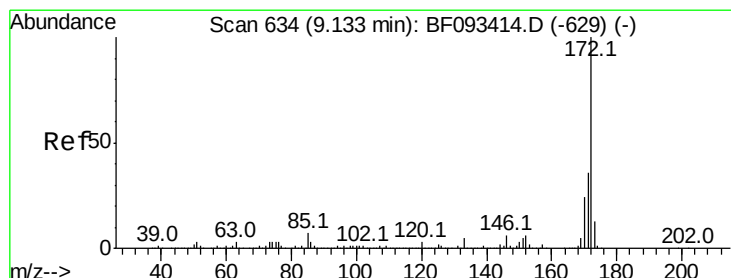
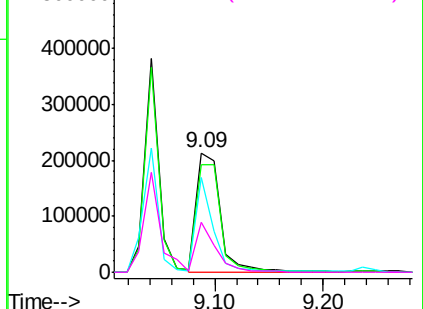
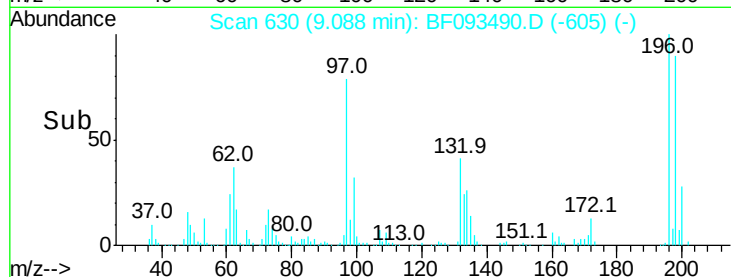
#43
 2,4,5-Trichlorophenol
 Concen: 52.78 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

Tot Ion:196 Resp: 327094
 Ion Ratio Lower Upper
 196 100
 198 89.6 79.4 119.2
 97 79.6 51.5 77.3#
 132 41.5 27.4 41.2#

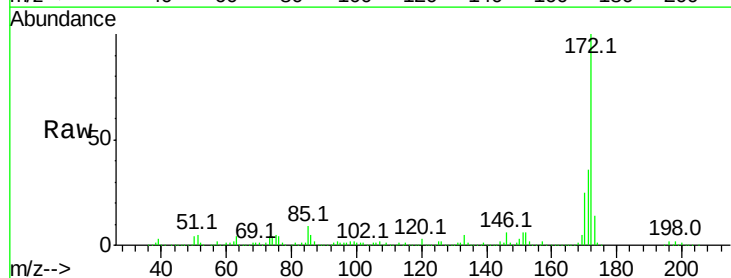


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

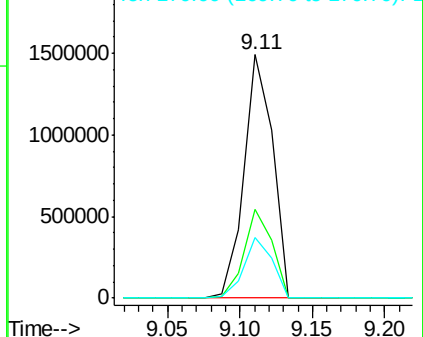
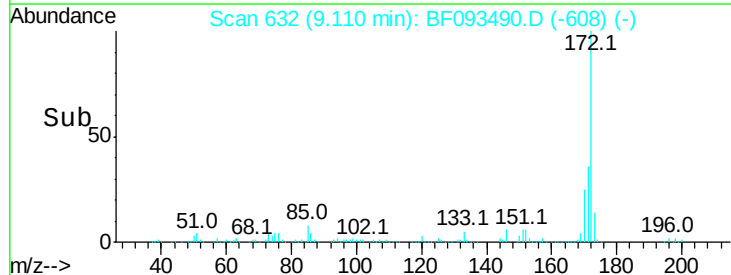


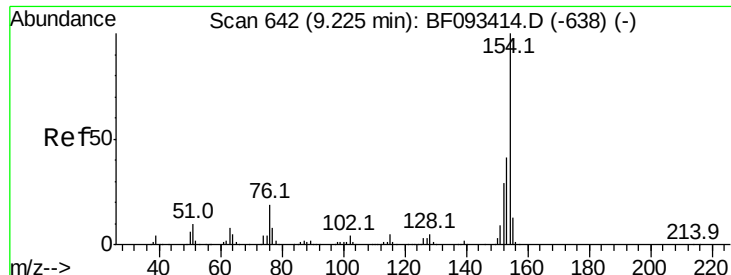
#44
 2-Fluorobiphenyl
 Concen: 112.07 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

Tgt Ion:172 Resp: 2039865
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.9 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 52.49 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

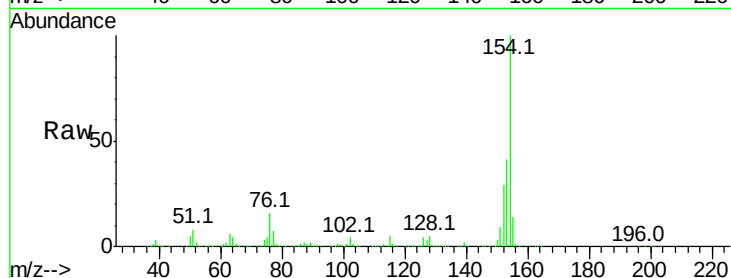
Tot Ion:154 Resp: 1294517

Ion Ratio Lower Upper

154 100

153 41.4 20.9 60.9

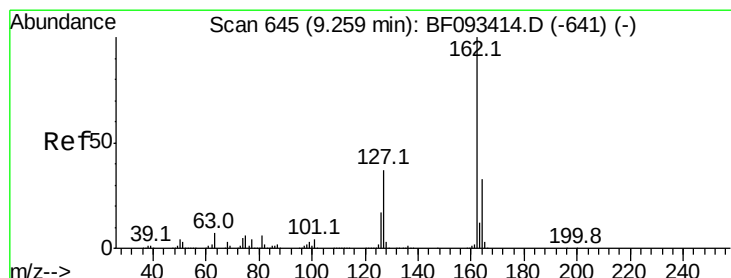
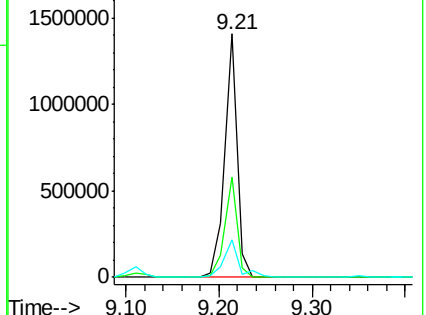
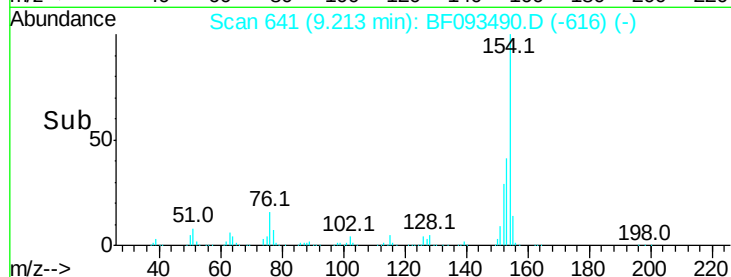
76 15.6 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 55.53 ng

RT: 9.24 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

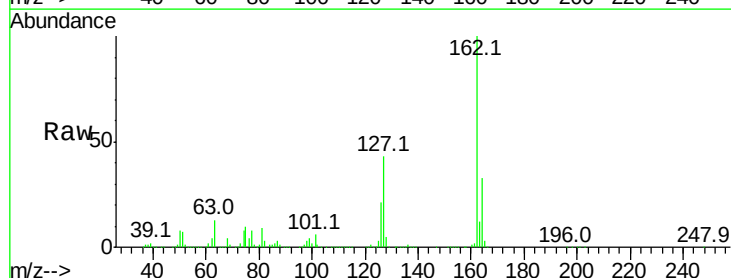
Tgt Ion:162 Resp: 1048255

Ion Ratio Lower Upper

162 100

127 43.0 30.7 46.1

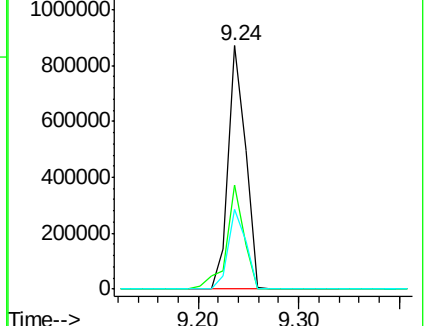
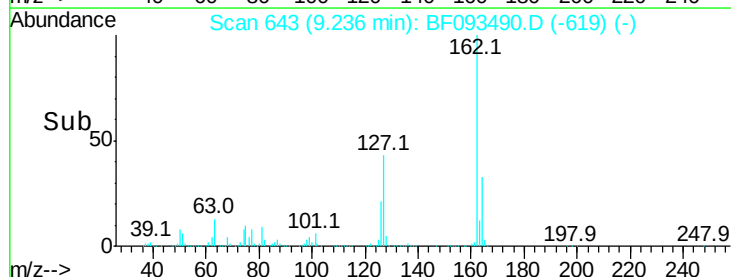
164 32.8 27.6 41.4

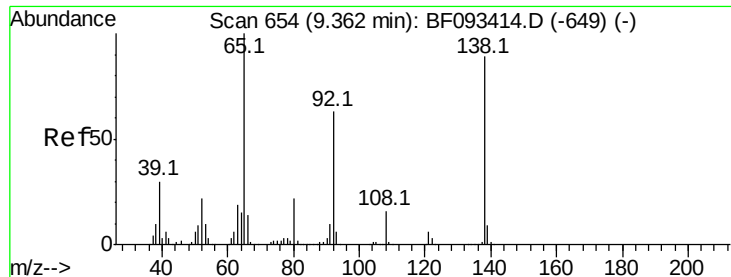


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 65.49 ng

RT: 9.35 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

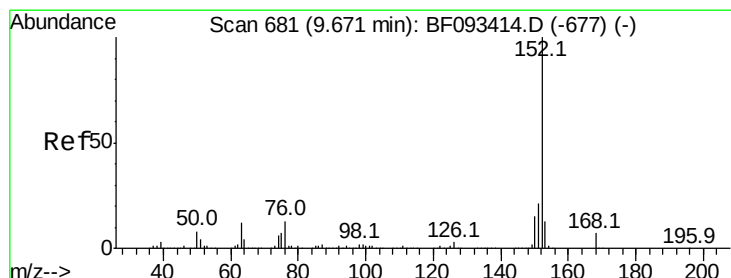
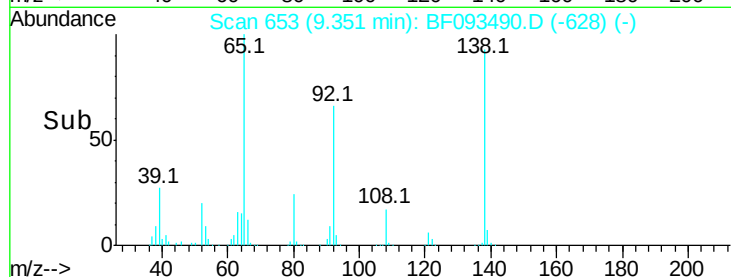
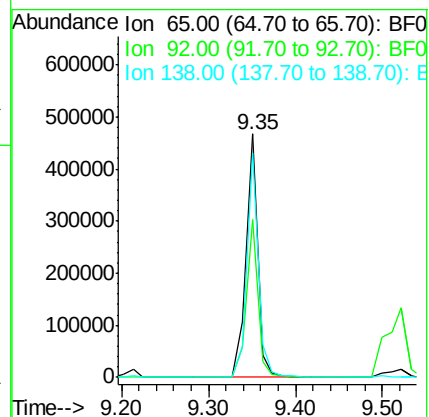
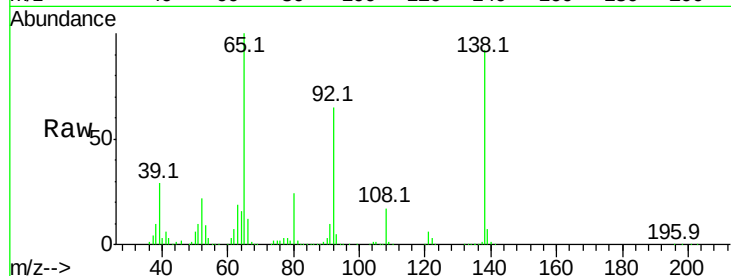
Tot Ion: 65 Resp: 437049

Ion Ratio Lower Upper

65 100

92 65.0 53.9 80.9

138 92.4 76.8 115.2



#48

Acenaphthylene

Concen: 50.49 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

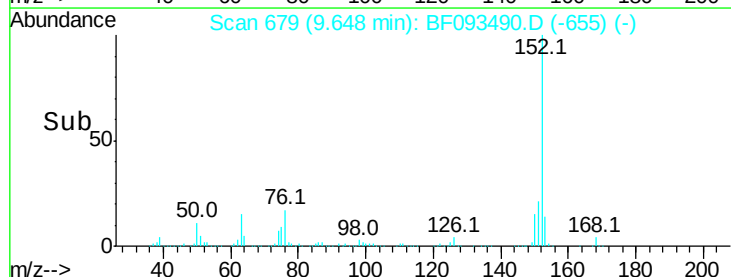
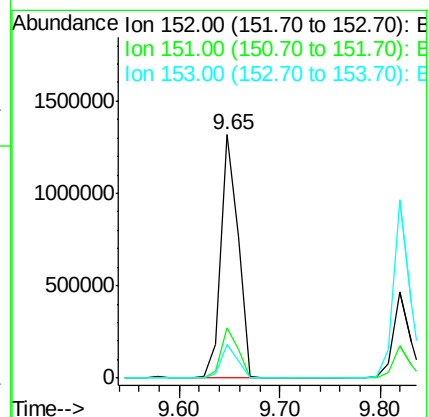
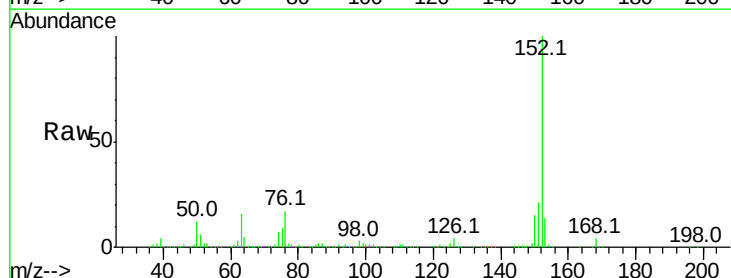
Tgt Ion: 152 Resp: 1571886

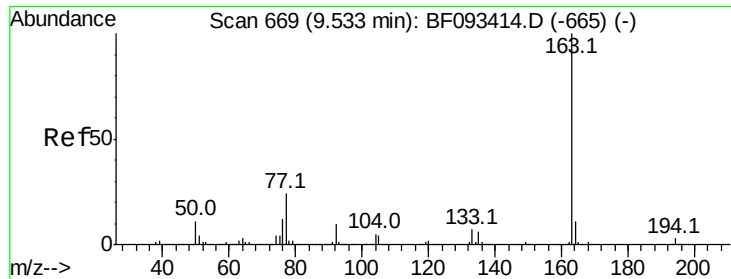
Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

153 13.9 11.4 17.2

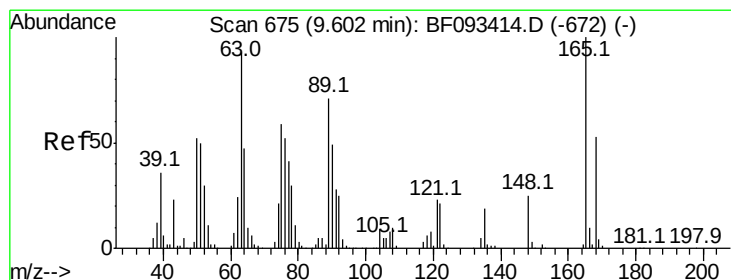
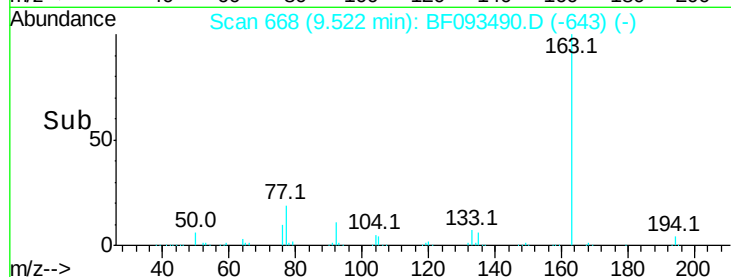
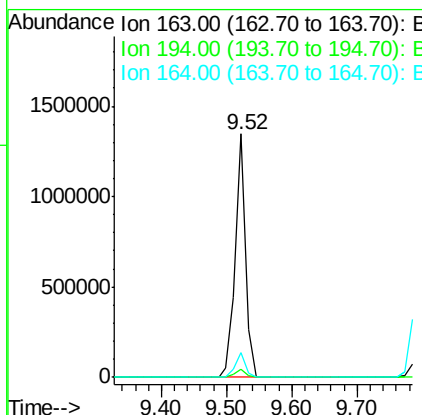
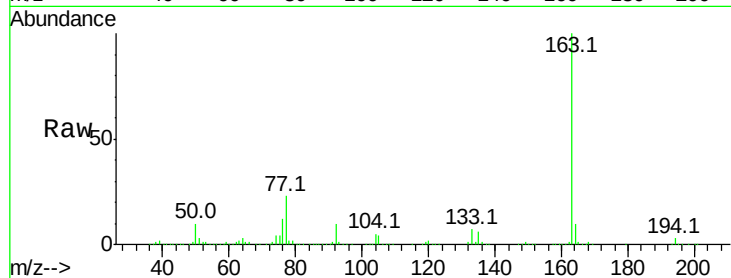




#49
Dimethylphthalate
Concen: 64.67 ng
RT: 9.52 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

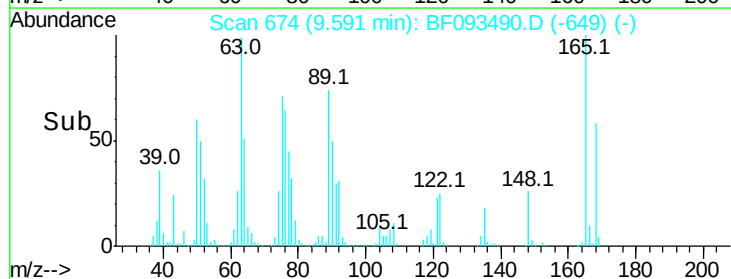
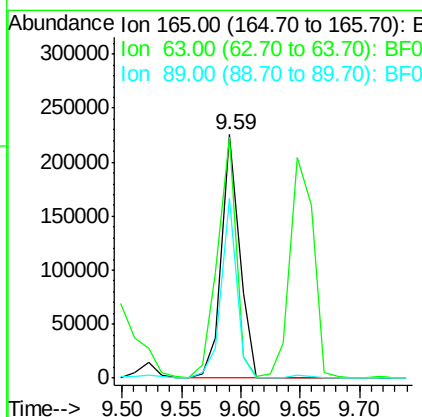
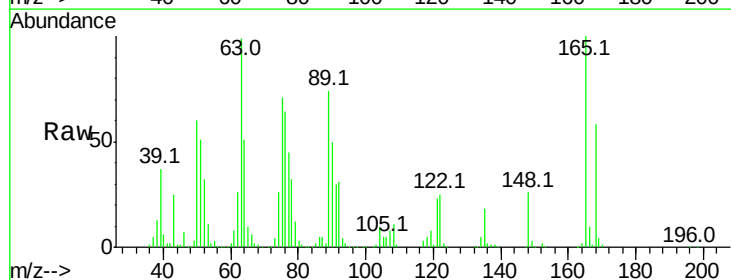
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

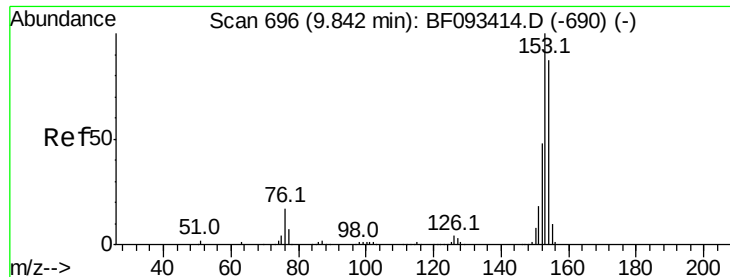
Tot Ion:163 Resp: 1451527
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.3 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 48.48 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

Tgt Ion:165 Resp: 238732
Ion Ratio Lower Upper
165 100
63 99.2 36.2 54.4#
89 73.9 40.2 60.4#





#51

Acenaphthene

Concen: 50.57 ng

RT: 9.82 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

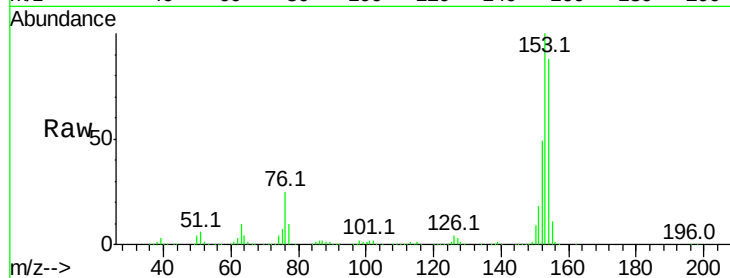
Tot Ion:154 Resp: 931123

Ion Ratio Lower Upper

154 100

153 114.0 88.6 133.0

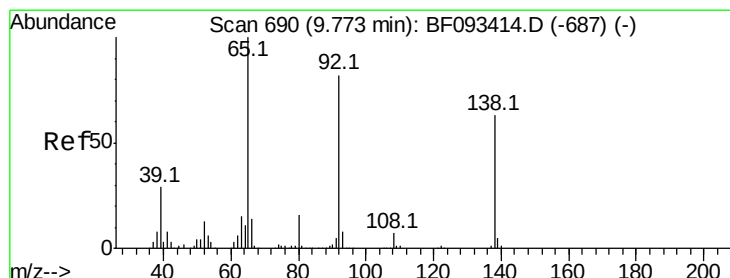
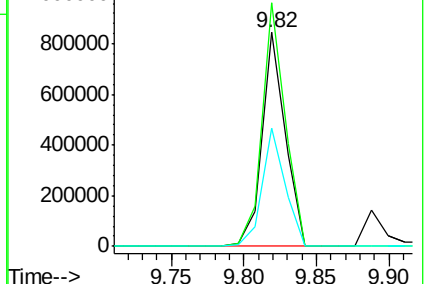
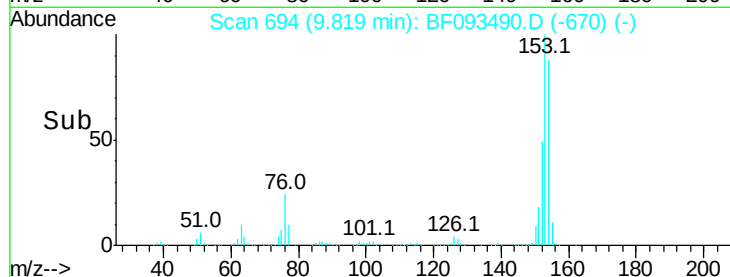
152 55.5 41.6 62.4



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: 33.03 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

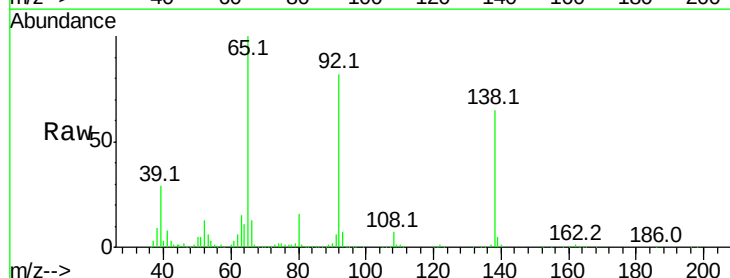
Tgt Ion:138 Resp: 195404

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

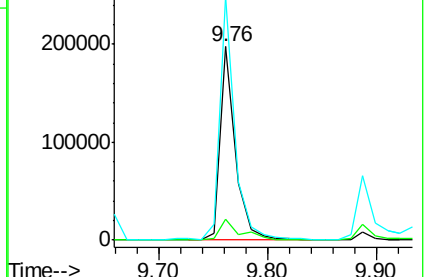
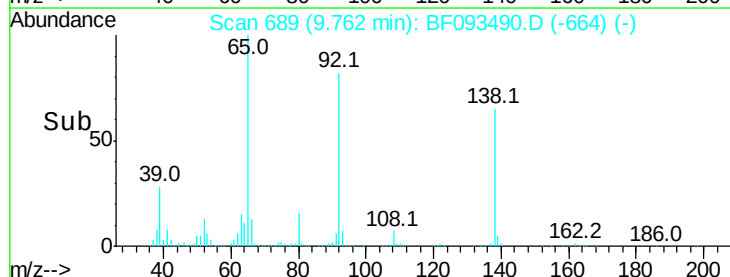
92 125.9 97.8 146.8

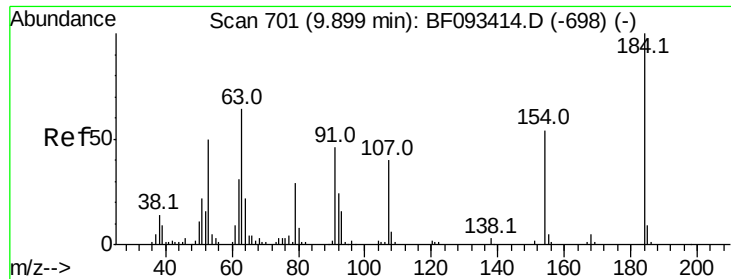


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

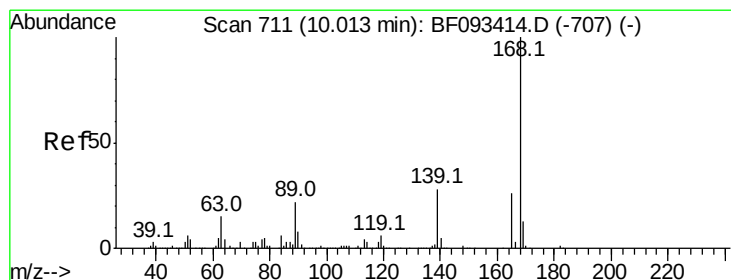
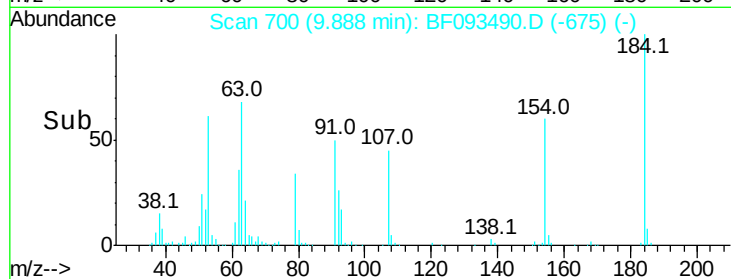
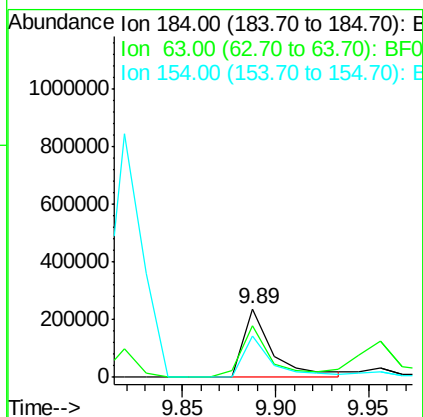
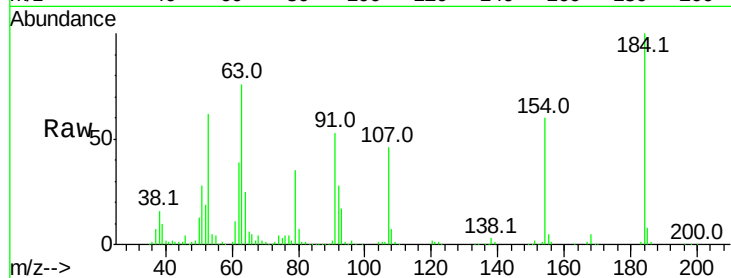




#53
 2,4-Dinitrophenol
 Concen: 117.34 ng
 RT: 9.89 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

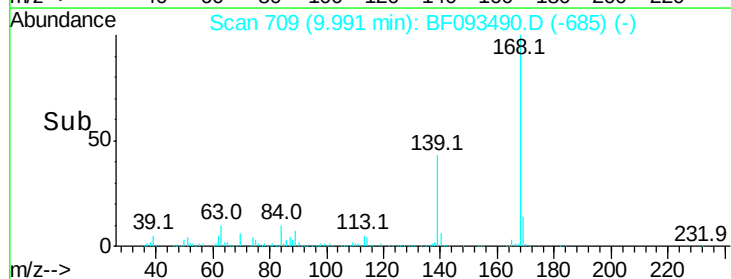
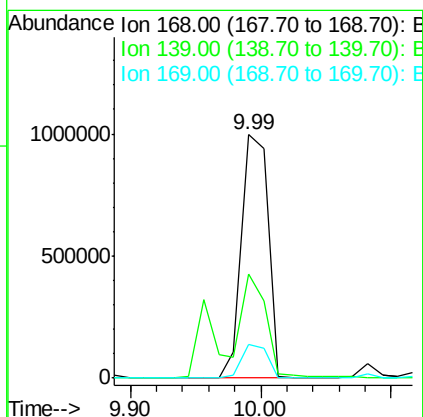
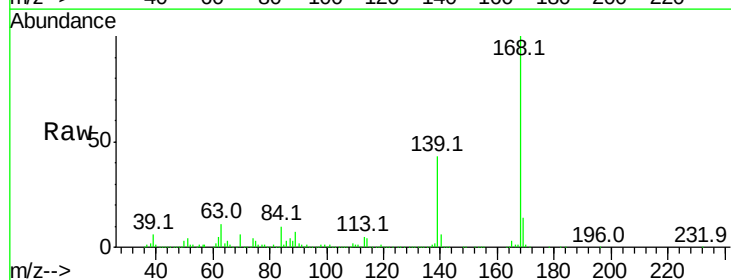
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

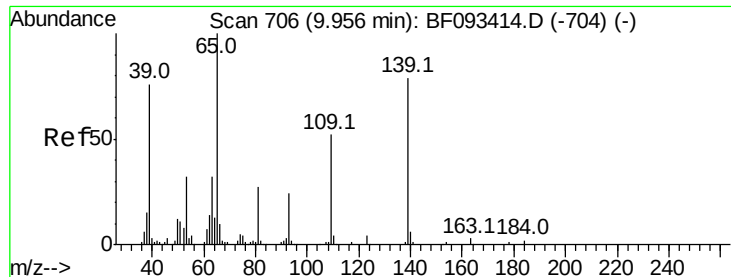
Tot Ion:184 Resp: 263157
 Ion Ratio Lower Upper
 184 100
 63 76.2 28.4 42.6#
 154 60.1 44.3 66.5



#54
 Dibenzofuran
 Concen: 61.10 ng
 RT: 9.99 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

Tgt Ion:168 Resp: 1407921
 Ion Ratio Lower Upper
 168 100
 139 42.9 32.6 49.0
 169 14.1 11.3 16.9

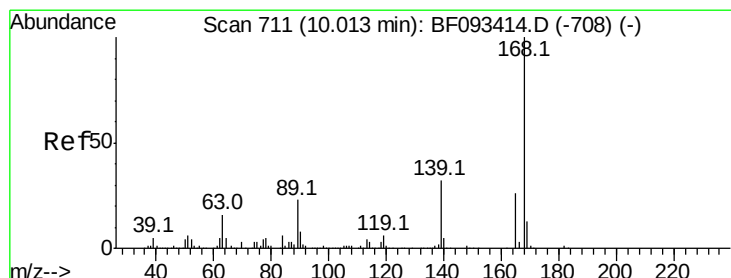
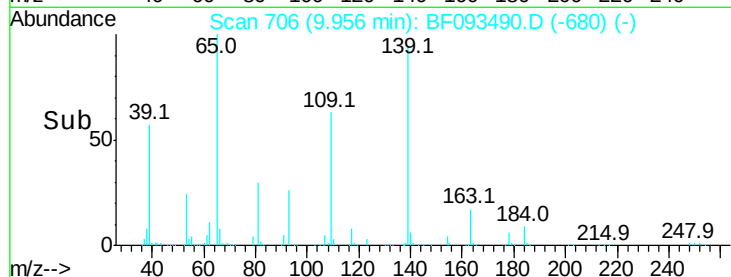
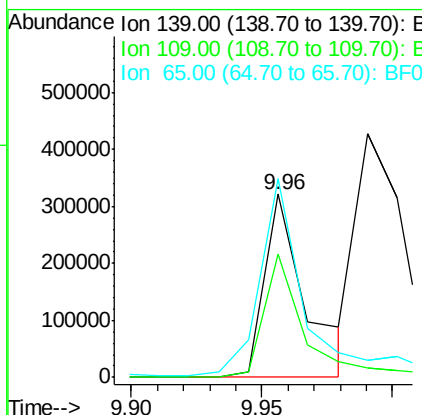
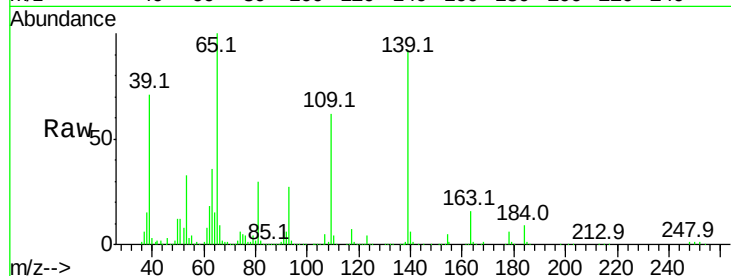




#55
4-Nitrophenol
Concen: 122.82 ng
RT: 9.96 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

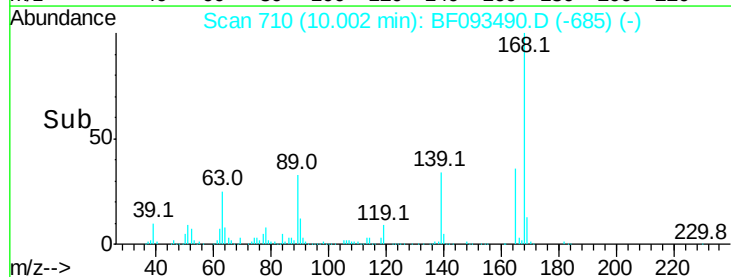
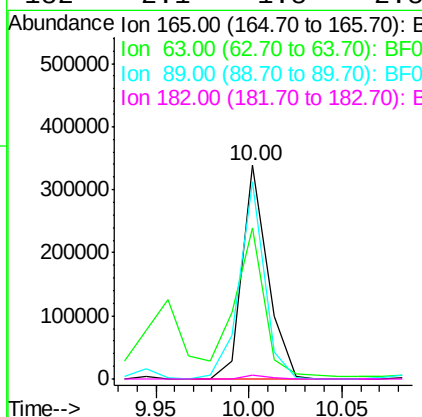
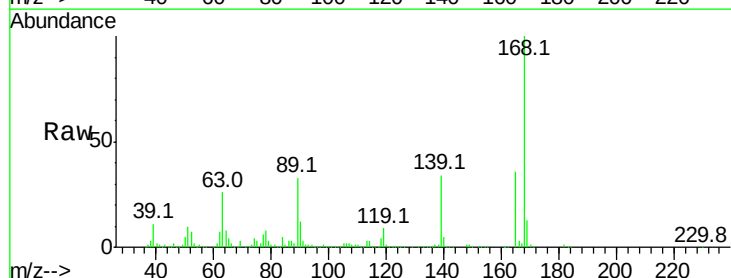
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

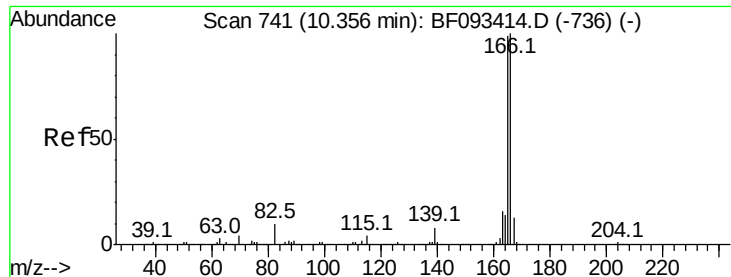
Tot Ion:139 Resp: 352967
Ion Ratio Lower Upper
139 100
109 67.4 52.2 92.2
65 108.7 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 53.67 ng
RT: 10.00 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

Tgt Ion:165 Resp: 324732
Ion Ratio Lower Upper
165 100
63 70.8 40.2 60.4#
89 92.2 62.5 93.7
182 2.1 1.8 2.8





#57

Fluorene

Concen: 55.51 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

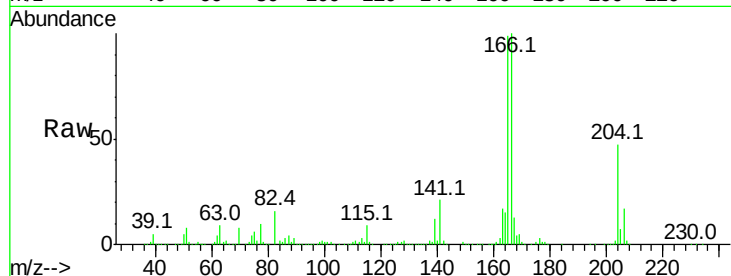
Tot Ion:166 Resp: 1083871

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

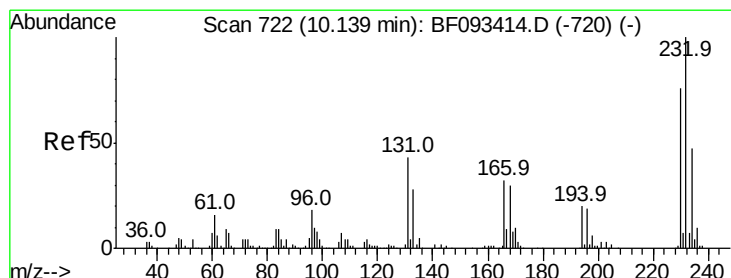
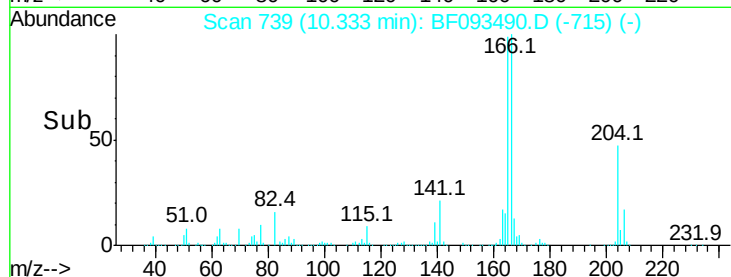
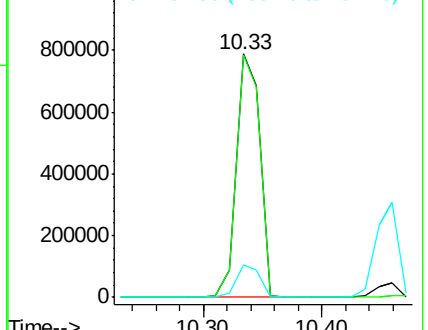
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 66.82 ng

RT: 10.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Tgt Ion:232 Resp: 292267

Ion Ratio Lower Upper

232 100

131 44.0 40.1 60.1

130 2.7 1.8 2.8

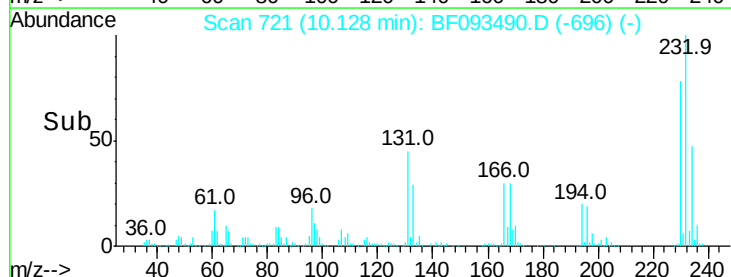
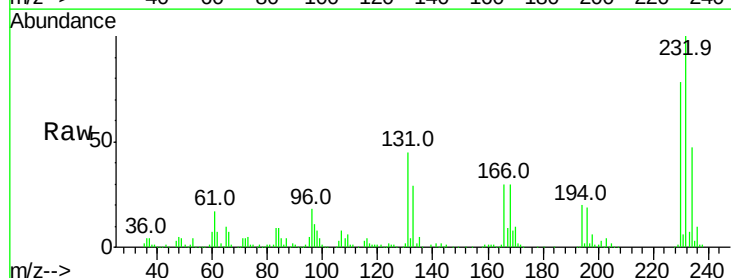
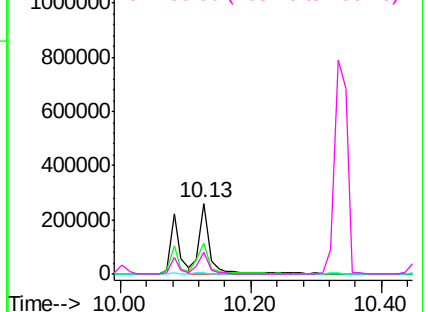
166 30.5 26.6 39.8

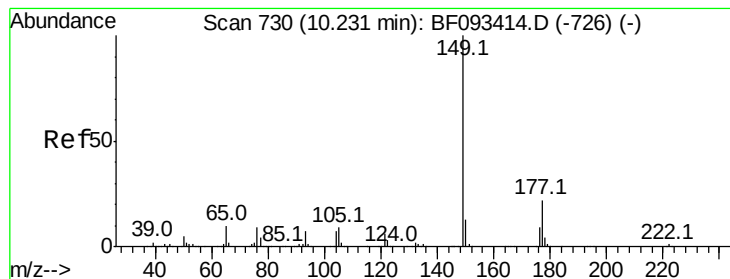
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 54.92 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

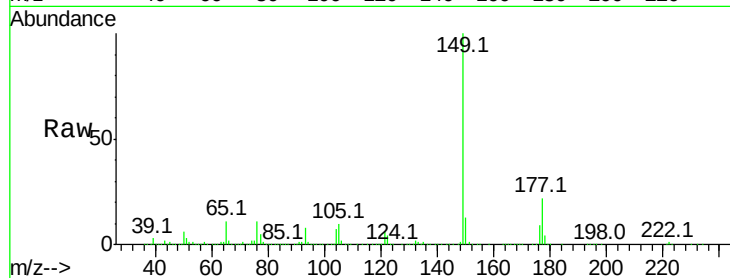
Tot Ion:149 Resp: 1177996

Ion Ratio Lower Upper

149 100

177 22.1 16.6 25.0

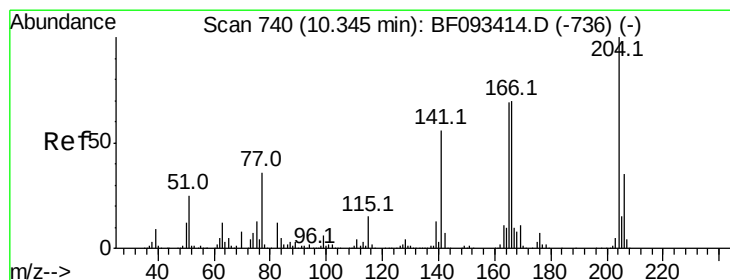
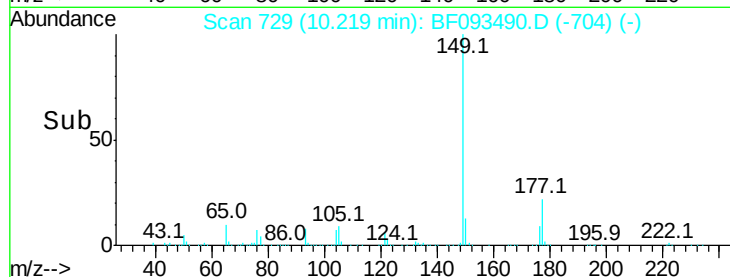
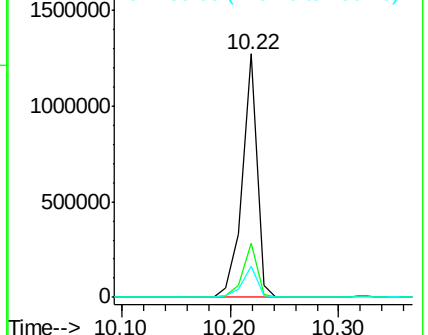
150 13.0 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 56.25 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

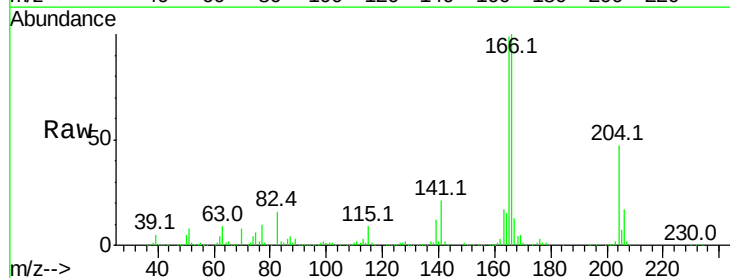
Tgt Ion:204 Resp: 492304

Ion Ratio Lower Upper

204 100

206 35.0 25.8 38.6

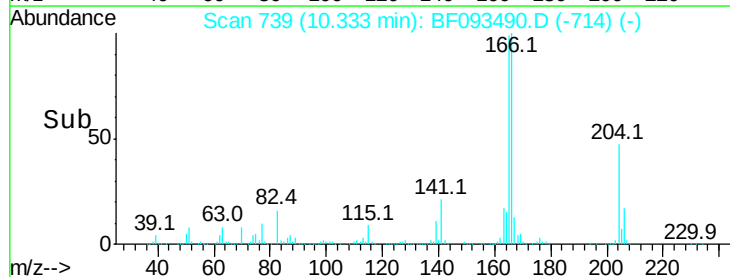
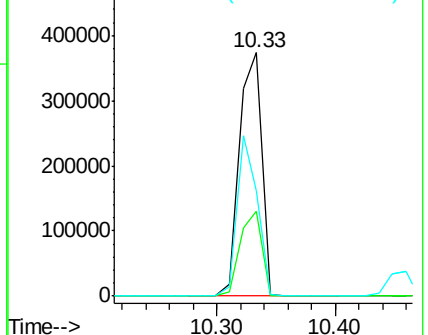
141 43.4 59.4 89.0#

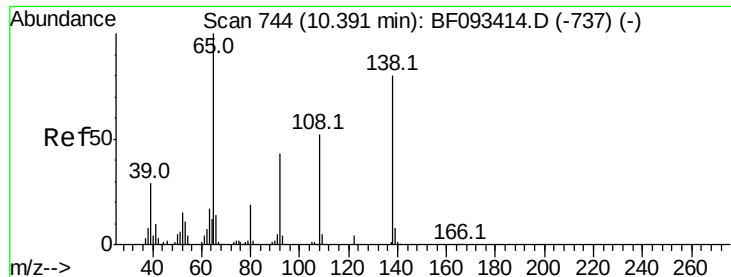


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 56.40 ng

RT: 10.39 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

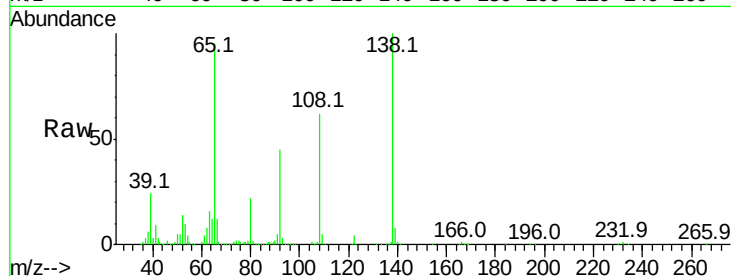
Tot Ion:138 Resp: 341269

Ion Ratio Lower Upper

138 100

92 44.7 31.7 71.7

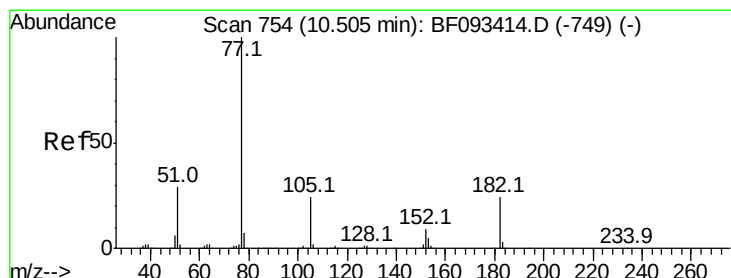
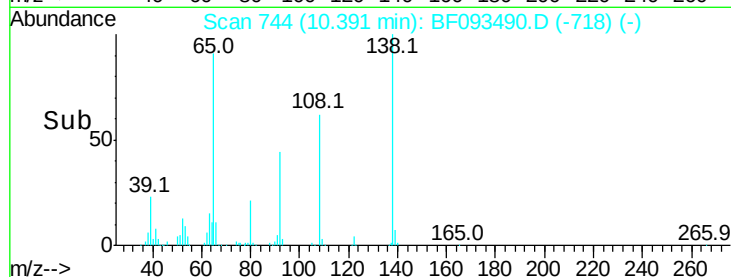
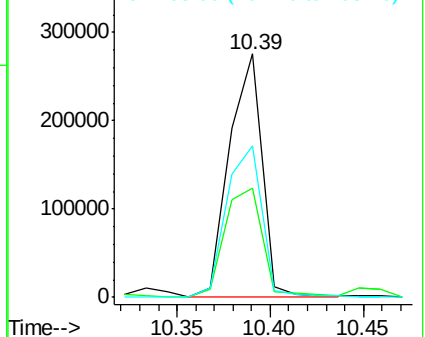
108 62.3 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 67.04 ng

RT: 10.49 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Tgt Ion: 77 Resp: 1633979

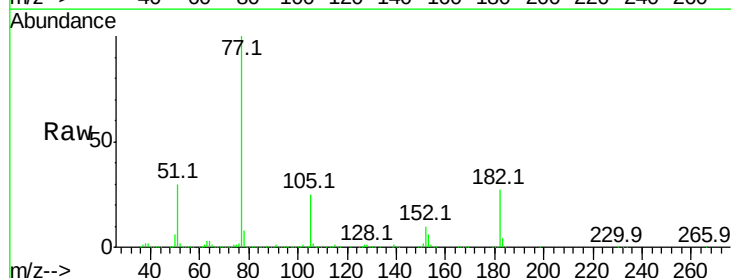
Ion Ratio Lower Upper

77 100

182 26.8 0.0 39.3

105 25.0 2.3 42.3

51 29.5 8.9 48.9

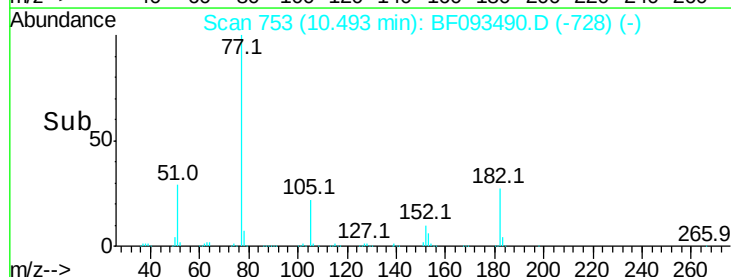
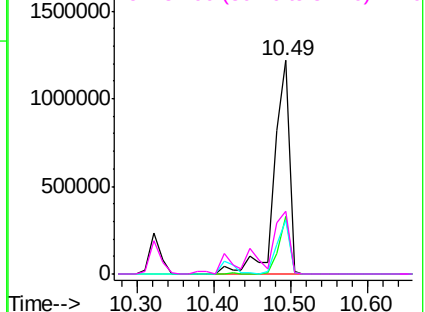


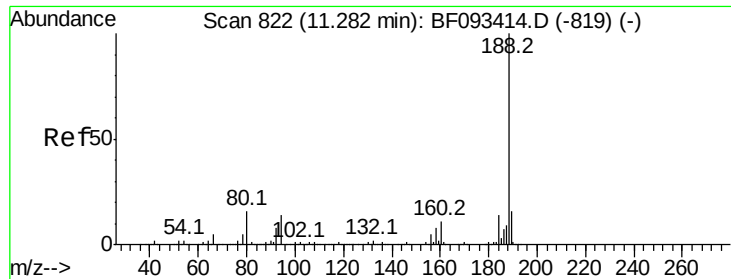
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

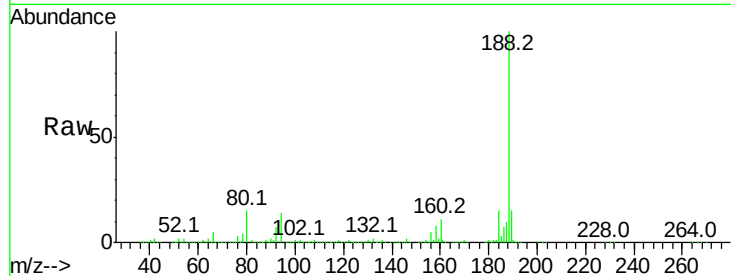
Tot Ion:188 Resp: 631607

Ion Ratio Lower Upper

188 100

94 13.8 10.0 15.0

80 15.2 11.2 16.8



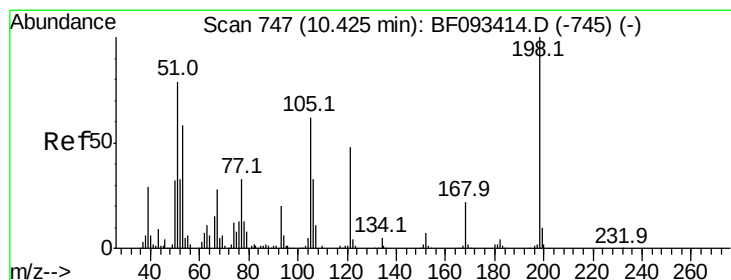
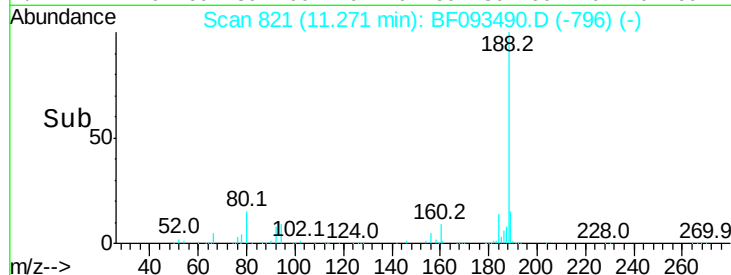
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.27

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 48.01 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

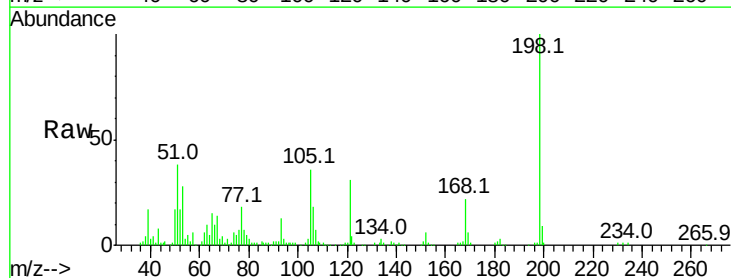
Tgt Ion:198 Resp: 196449

Ion Ratio Lower Upper

198 100

51 37.8 6.7 46.7

105 35.7 16.6 56.6



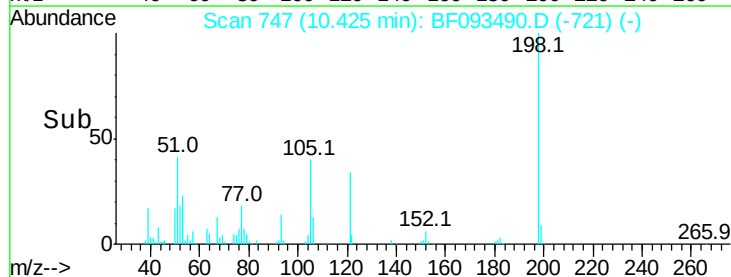
Abundance Ion 198.00 (197.70 to 198.70): E

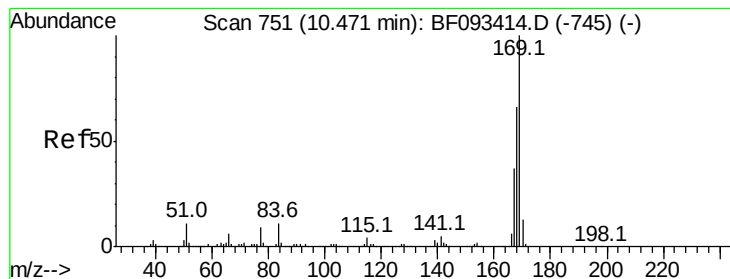
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

10.42

Time-->





#65

n-Nitrosodiphenylamine

Concen: 49.19 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

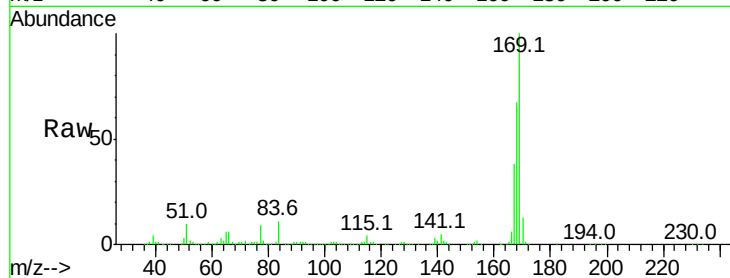
Tot Ion:169 Resp: 1037465

Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.2

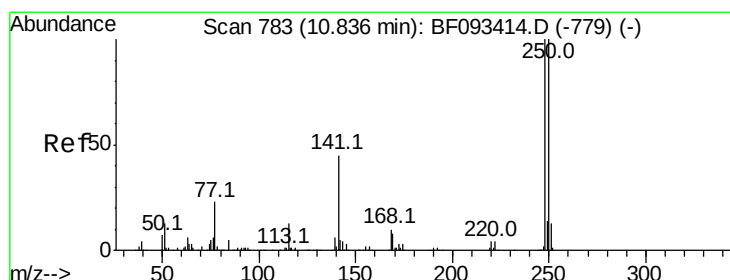
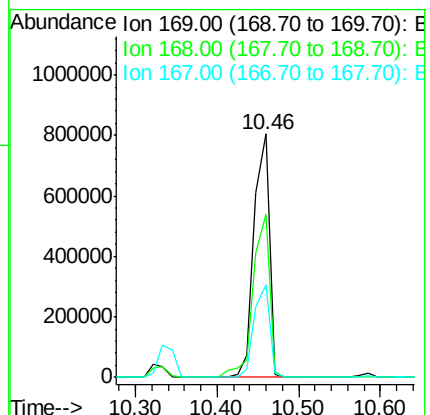
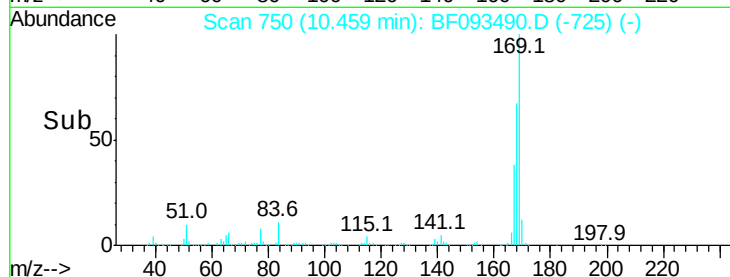
167 38.0 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.94 ng

RT: 10.81 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

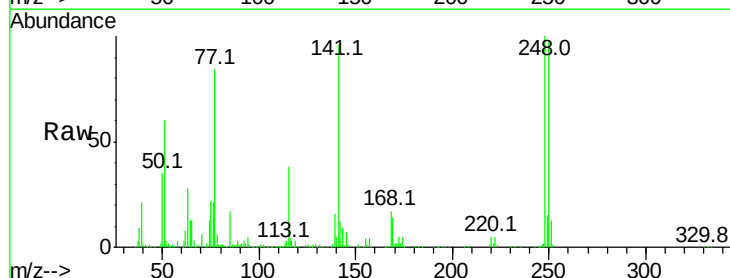
Tgt Ion:248 Resp: 286820

Ion Ratio Lower Upper

248 100

250 96.8 76.9 115.3

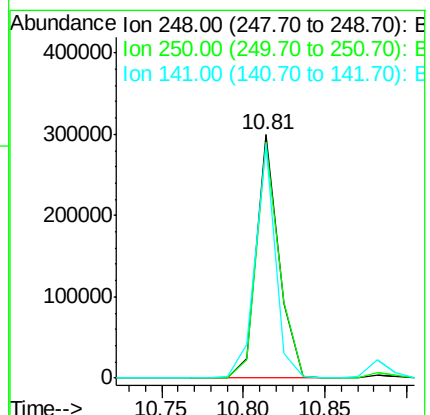
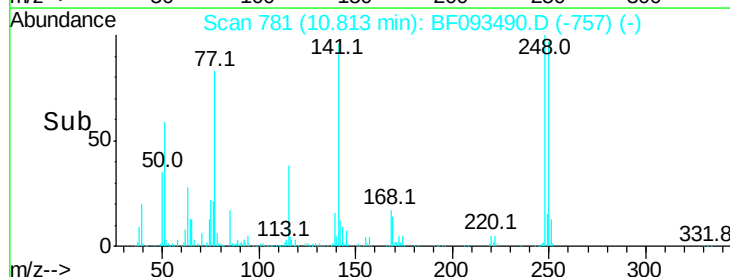
141 95.7 68.2 102.4

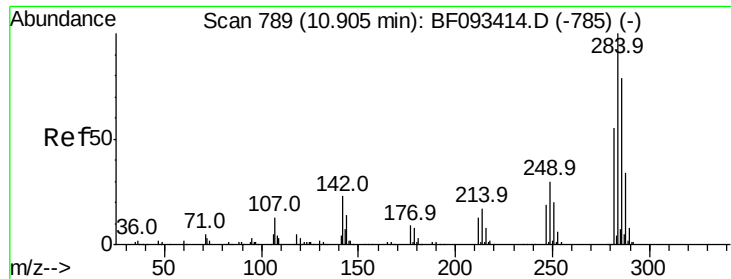


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

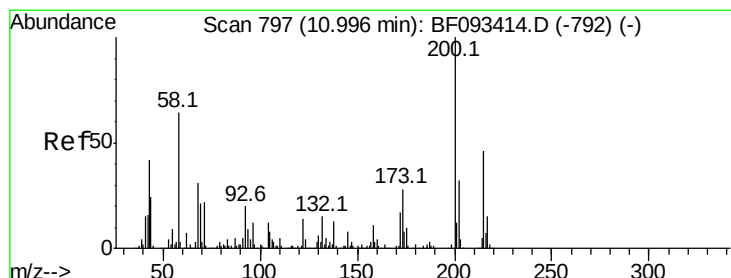
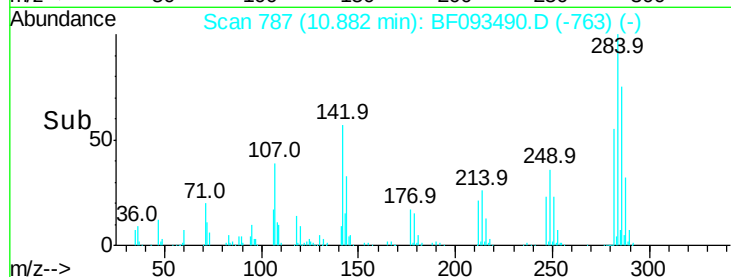
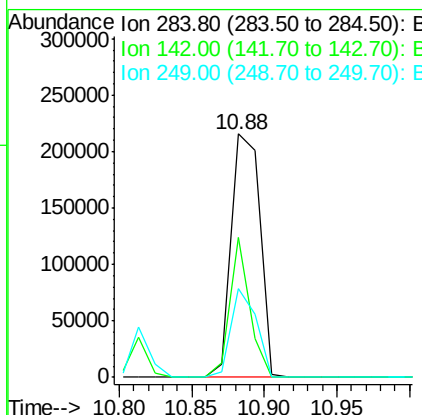
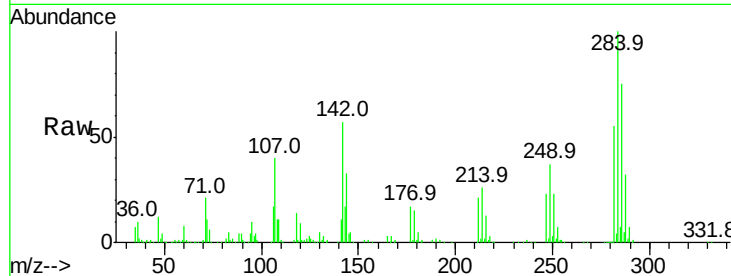




#67
Hexachlorobenzene
Concen: 46.40 ng
RT: 10.88 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

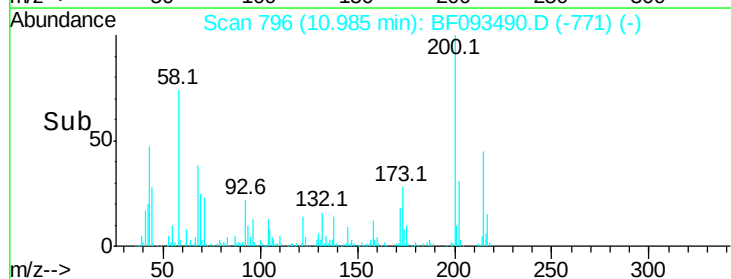
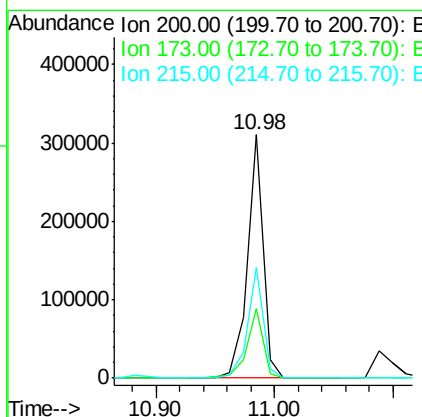
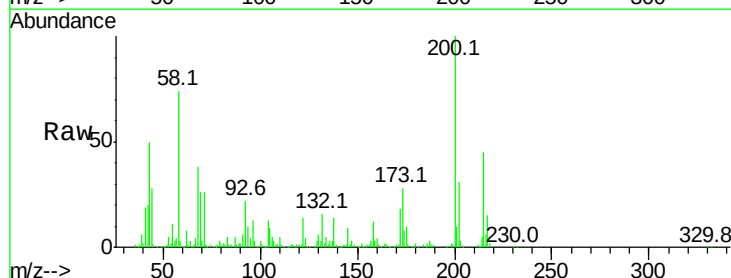
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

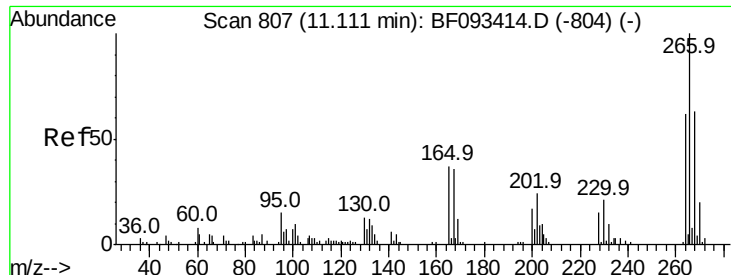
Tot Ion:284 Resp: 295926
Ion Ratio Lower Upper
284 100
142 57.4 22.6 33.8#
249 36.6 25.4 38.0



#68
Atrazine
Concen: 46.86 ng
RT: 10.98 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

Tgt Ion:200 Resp: 289244
Ion Ratio Lower Upper
200 100
173 28.5 9.6 49.6
215 45.5 25.7 65.7

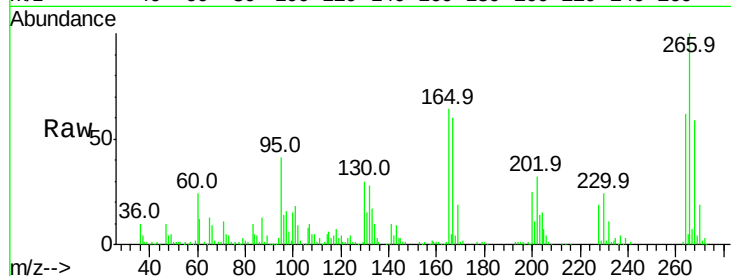




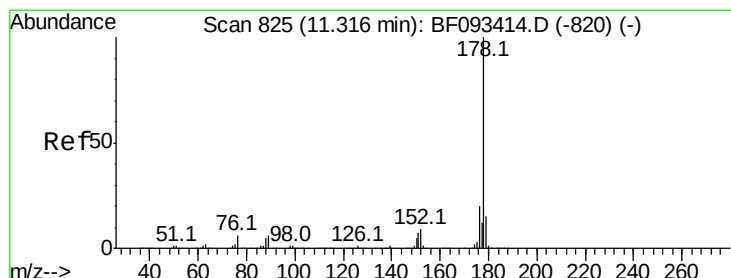
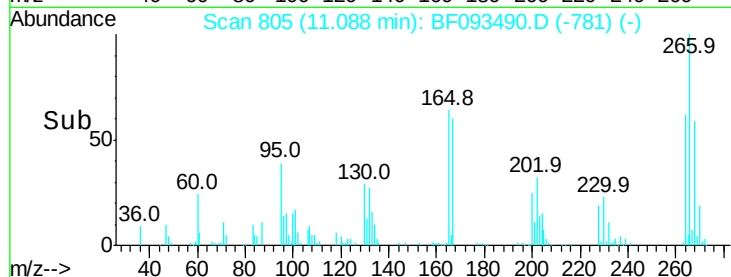
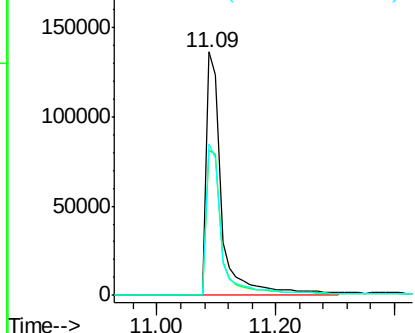
#69
 Pentachlorophenol
 Concen: 114.26 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

Tot Ion:266 Resp: 251594
 Ion Ratio Lower Upper
 266 100
 268 59.3 53.3 79.9
 264 62.3 50.3 75.5

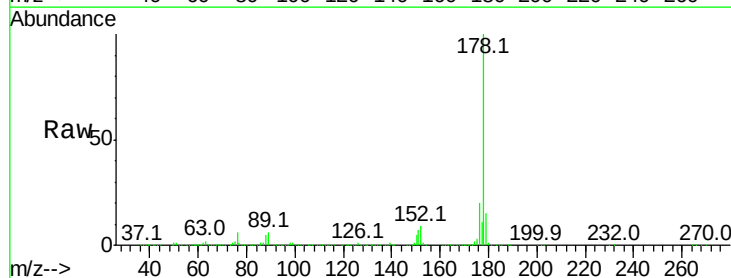


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

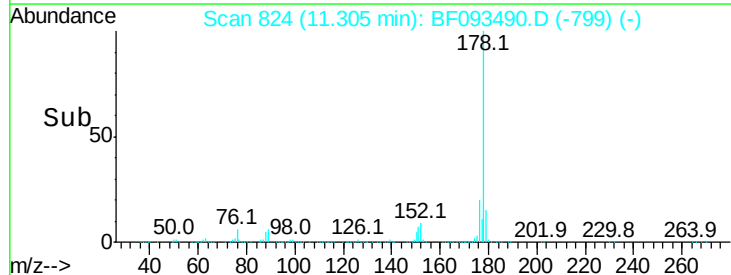
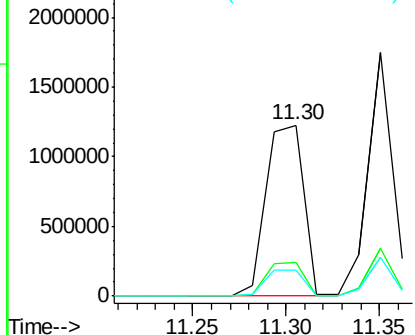


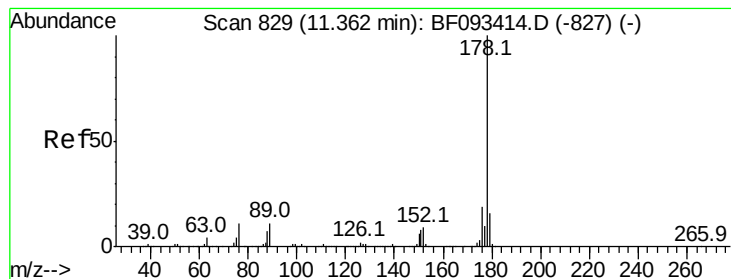
#70
 Phenanthrene
 Concen: 47.66 ng
 RT: 11.30 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

Tgt Ion:178 Resp: 1718184
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 14.9 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: 44.26 ng

RT: 11.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

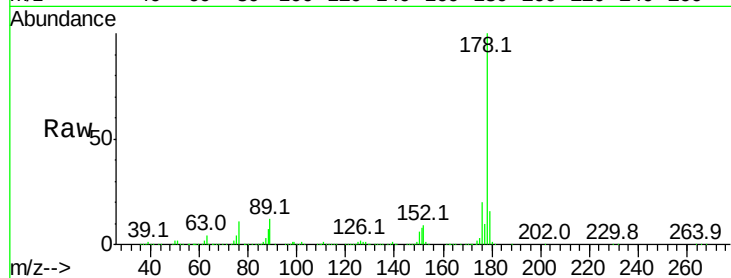
Tot Ion:178 Resp: 1614191

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

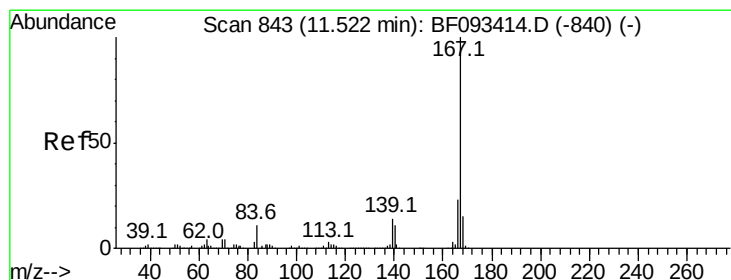
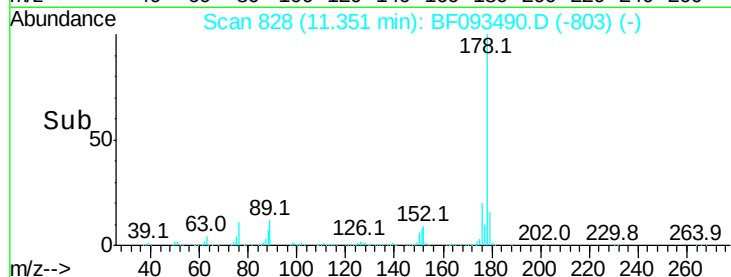
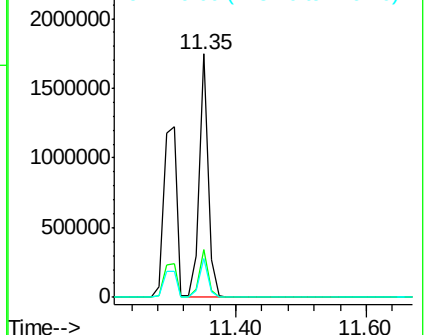
179 16.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.71 ng

RT: 11.51 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

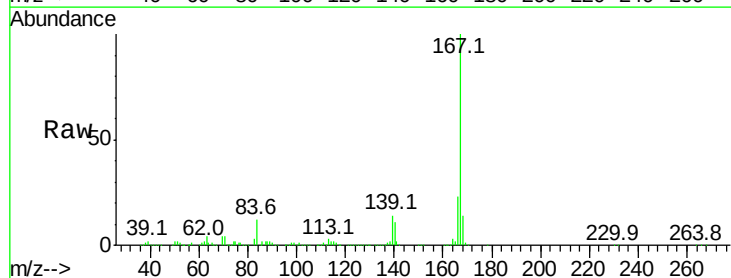
Tgt Ion:167 Resp: 1463142

Ion Ratio Lower Upper

167 100

166 22.9 18.2 27.2

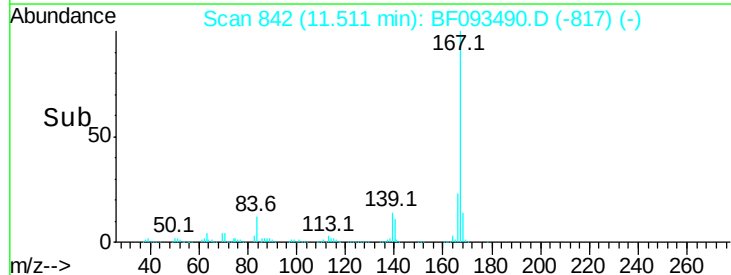
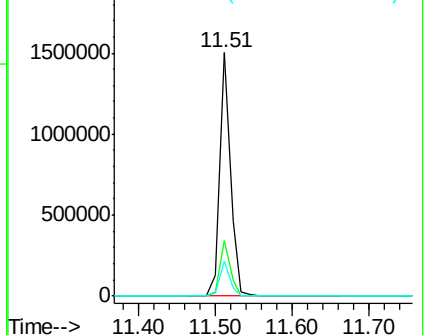
139 14.3 11.4 17.2

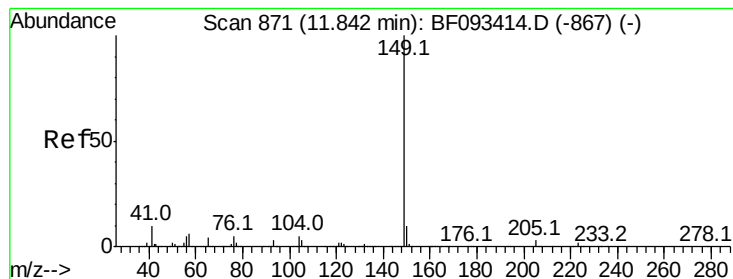


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.28 ng

RT: 11.83 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

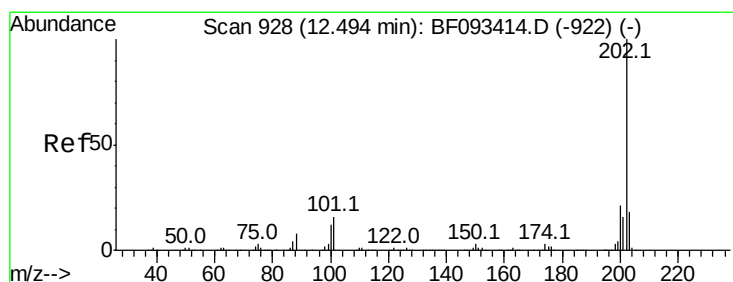
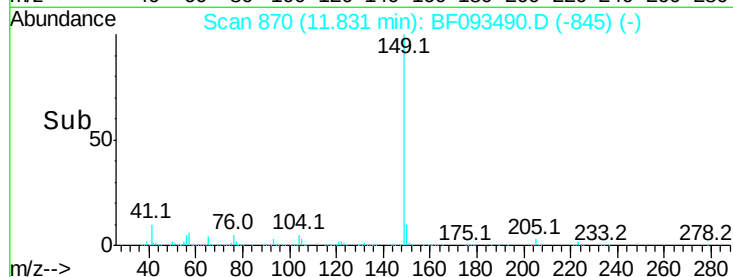
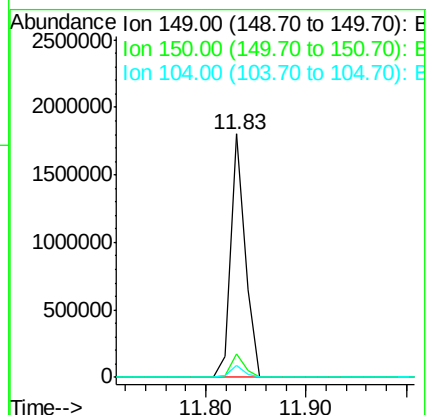
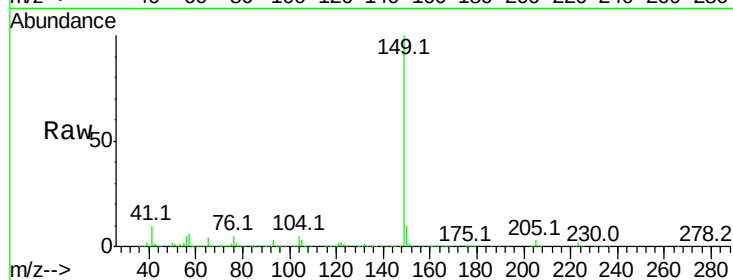
Tot Ion:149 Resp: 1794758

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

104 5.1 4.6 7.0



#74

Fluoranthene

Concen: 46.69 ng

RT: 12.48 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

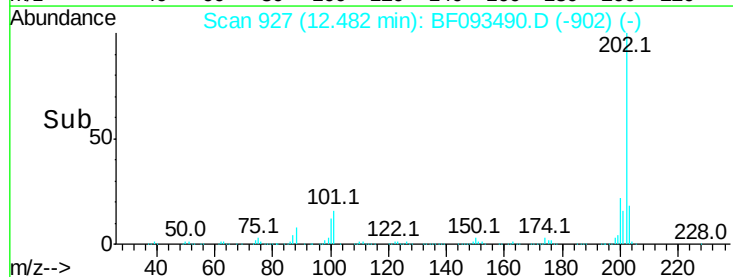
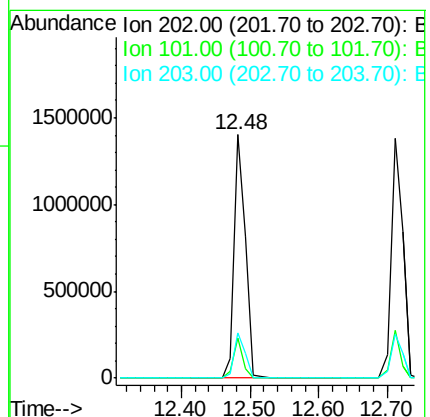
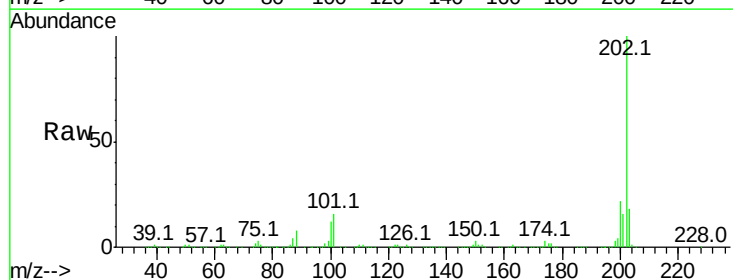
Tgt Ion:202 Resp: 1626080

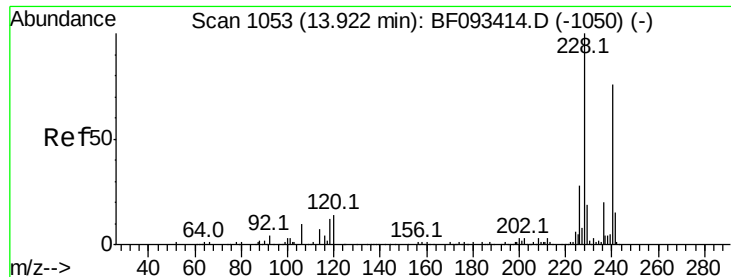
Ion Ratio Lower Upper

202 100

101 16.4 0.0 34.6

203 18.4 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: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

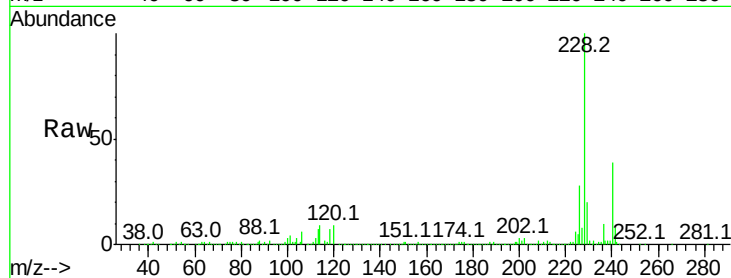
Tot Ion:240 Resp: 470455

Ion Ratio Lower Upper

240 100

120 22.0 12.9 19.3#

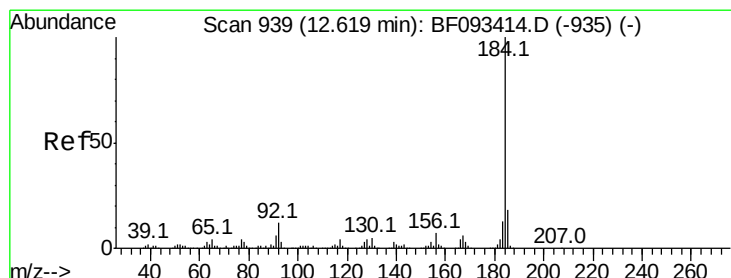
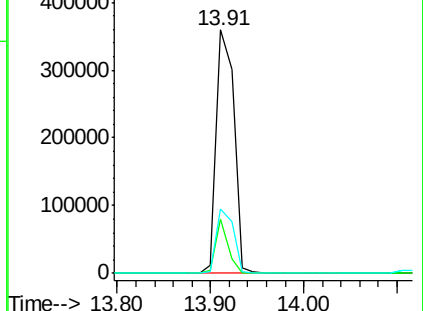
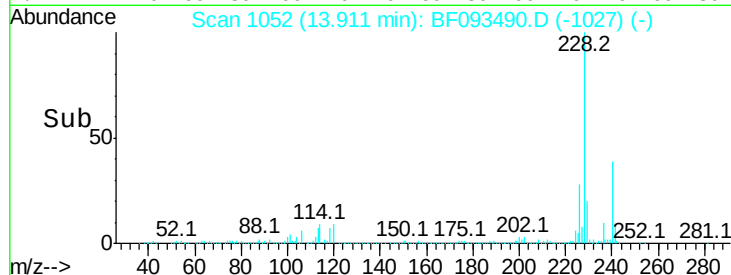
236 26.6 20.9 31.3



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: 52.34 ng

RT: 12.61 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

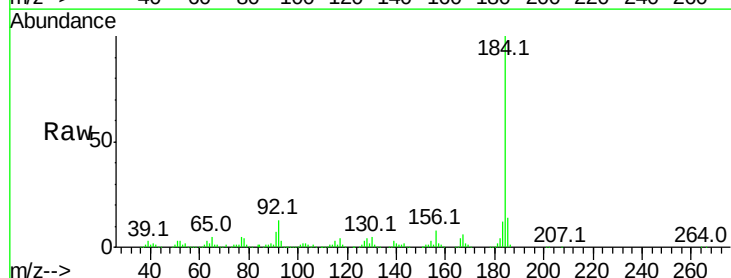
Tgt Ion:184 Resp: 809758

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.0

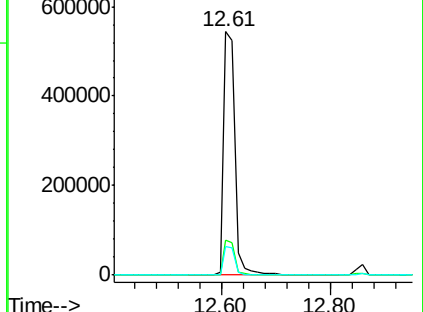
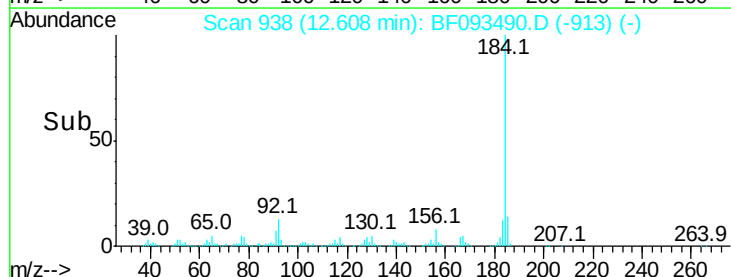
183 11.8 9.2 13.8

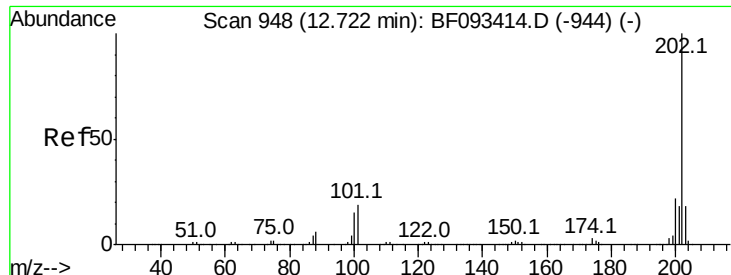


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

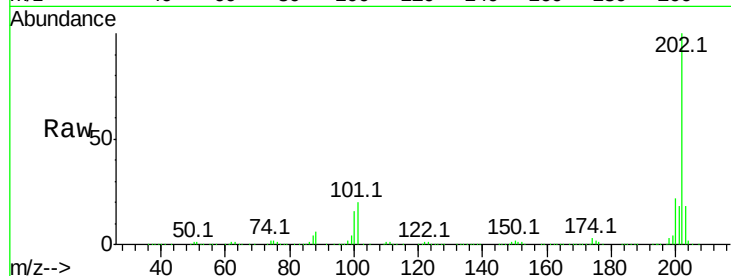




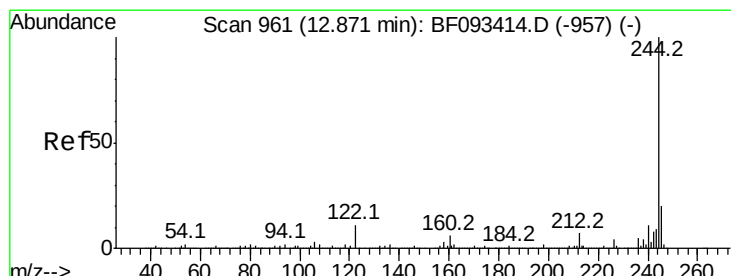
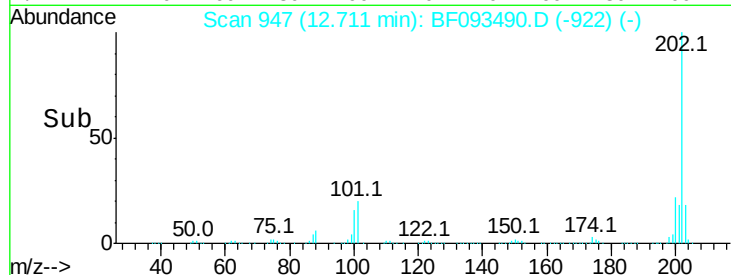
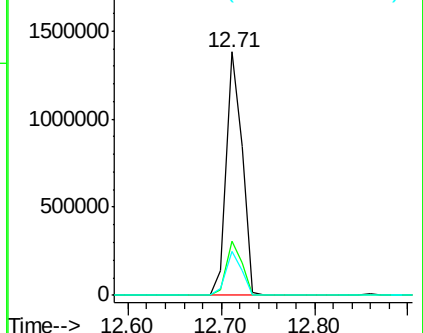
#77
Pvrene
Concen: 47.94 ng
RT: 12.71 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

Tot Ion:202 Resp: 1640375
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 18.2 14.7 22.1

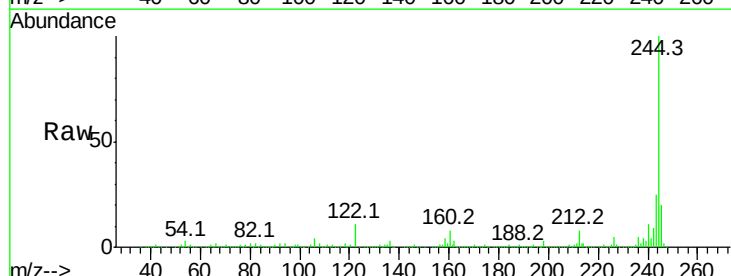


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

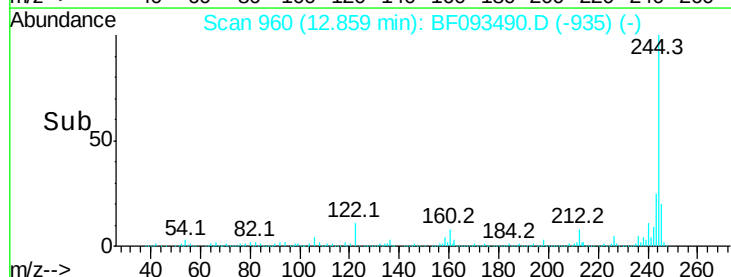
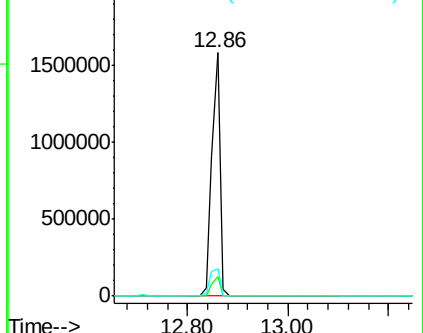


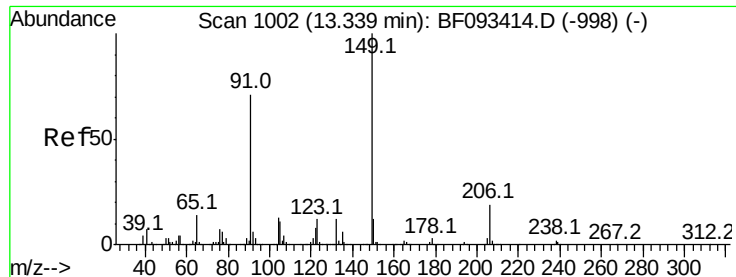
#78
Terphenyl-d14
Concen: 99.28 ng
RT: 12.86 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

Tgt Ion:244 Resp: 1796517
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 11.3 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: 56.80 ng

RT: 13.33 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

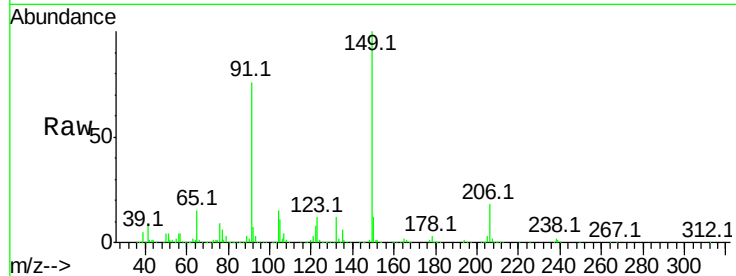
Tot Ion:149 Resp: 818041

Ion Ratio Lower Upper

149 100

91 76.2 63.9 95.9

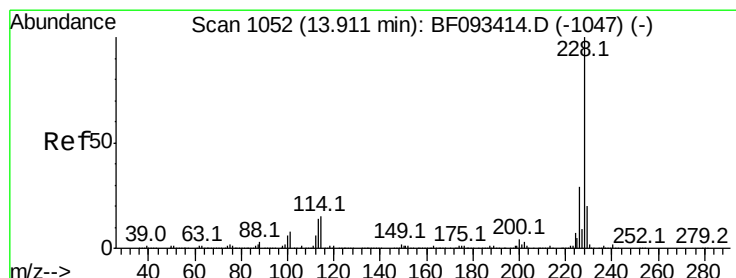
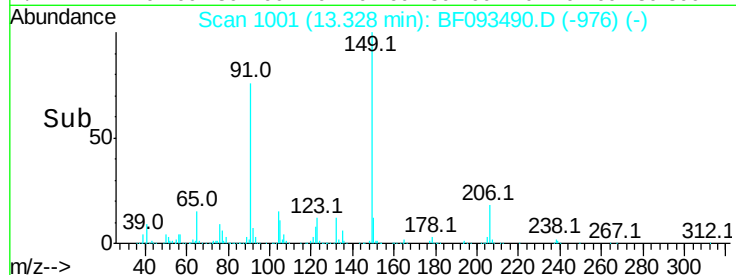
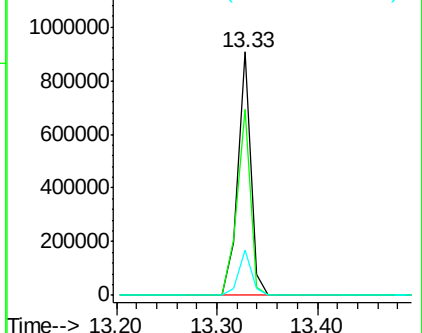
206 18.4 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 50.95 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

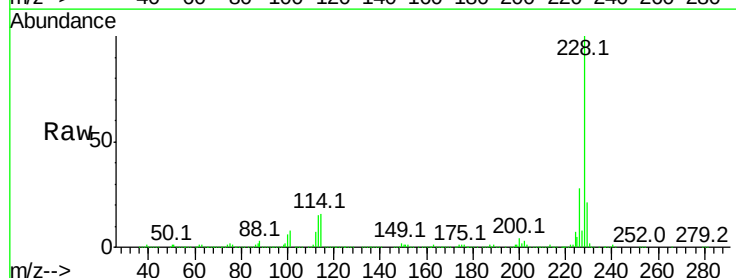
Tgt Ion:228 Resp: 1415578

Ion Ratio Lower Upper

228 100

226 28.2 22.4 33.6

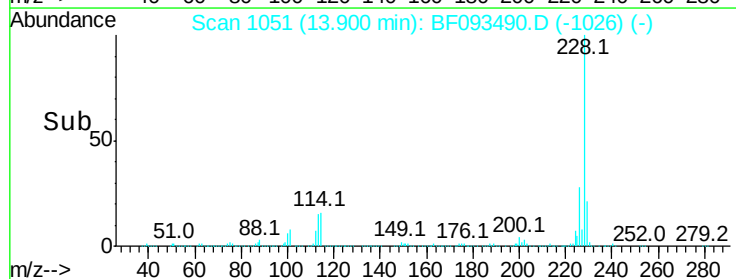
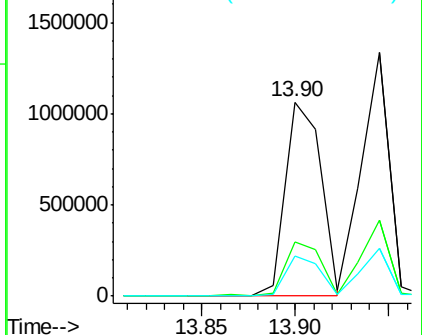
229 20.8 16.2 24.4

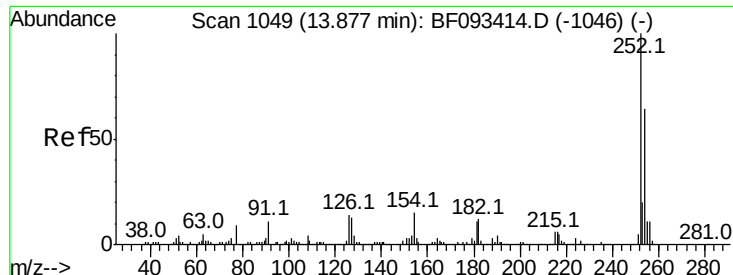


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

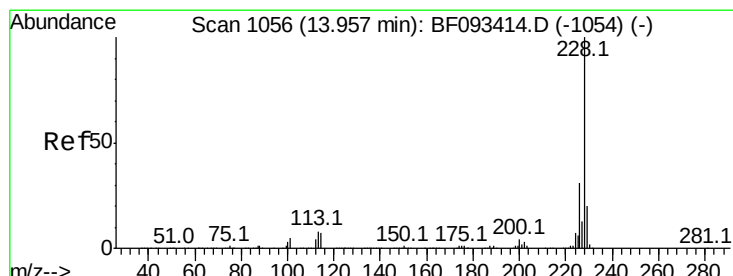
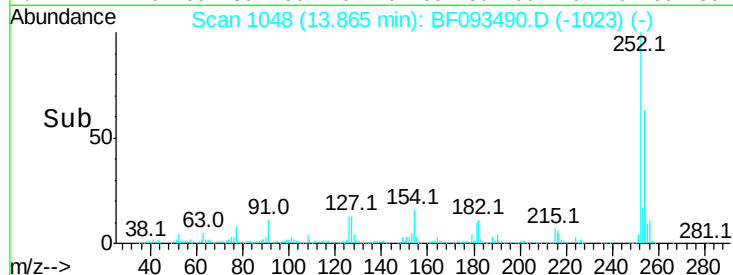
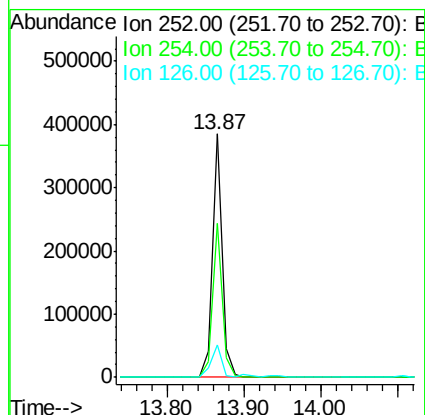
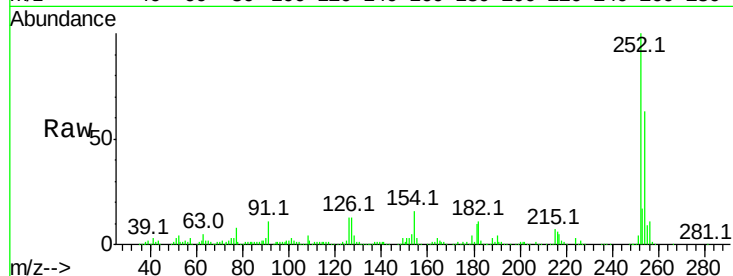




#81
 3,3'-Dichlorobenzidine
 Concen: 33.97 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

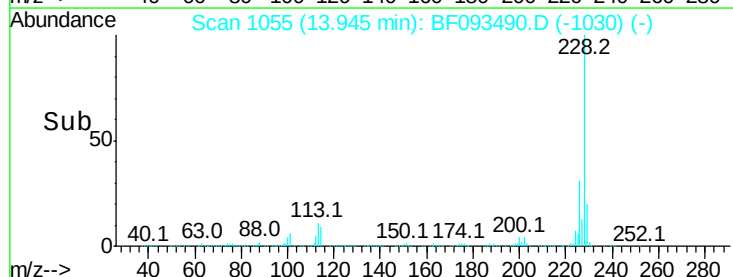
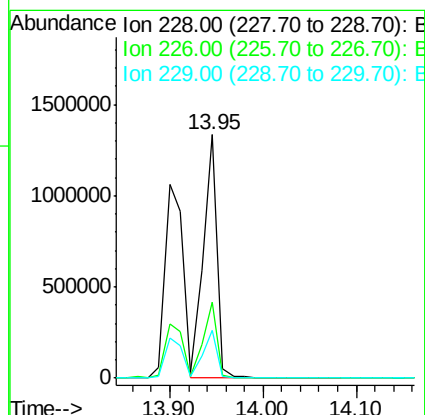
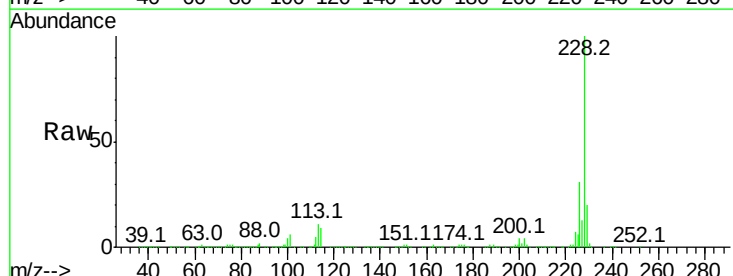
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

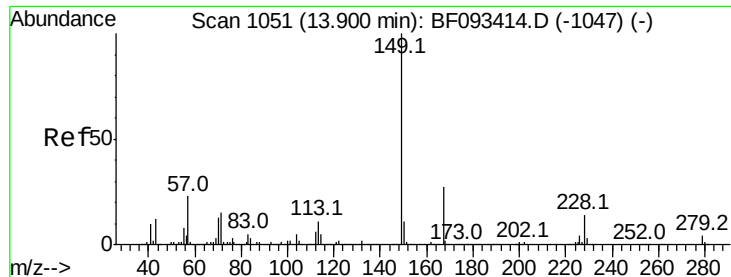
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.3	78.5
126	13.4	13.6	20.4



#82
 Chrysene
 Concen: 53.42 ng
 RT: 13.95 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	19.6	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 58.44 ng

RT: 13.89 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

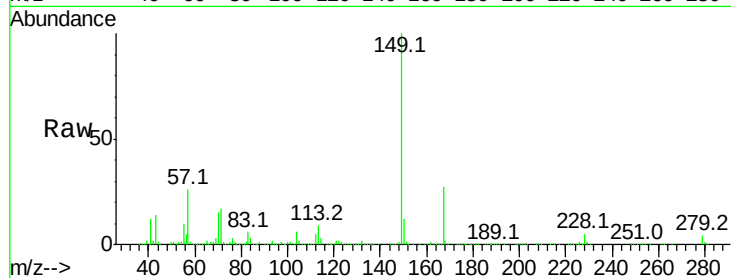
Tot Ion:149 Resp: 1173265

Ion Ratio Lower Upper

149 100

167 27.4 20.2 30.4

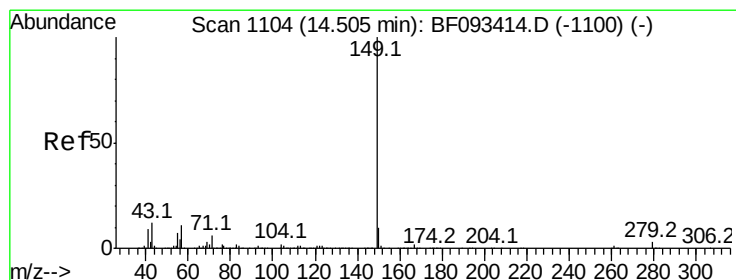
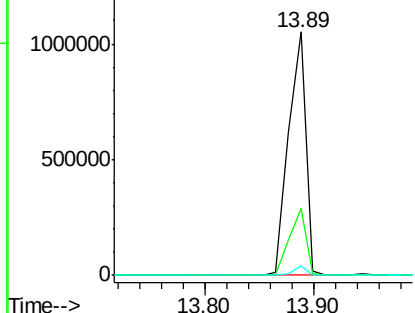
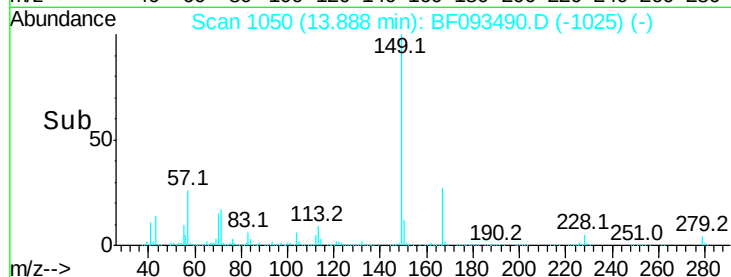
279 3.6 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.24 ng

RT: 14.49 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

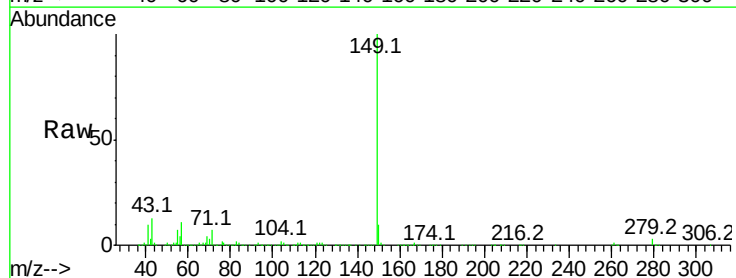
Tgt Ion:149 Resp: 1781373

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

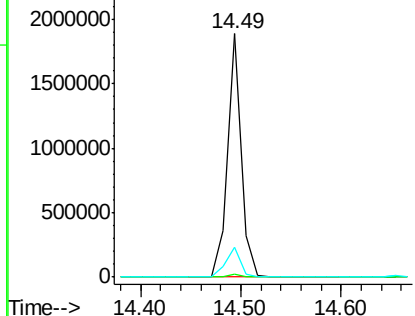
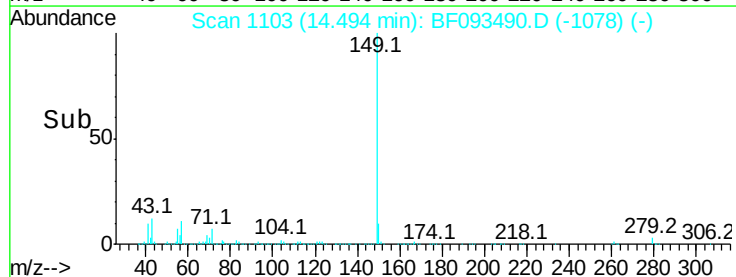
43 13.2 8.9 13.3

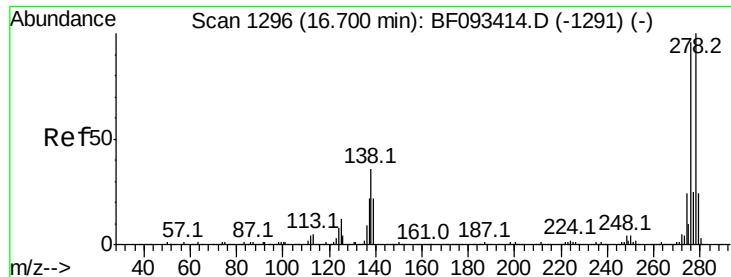


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

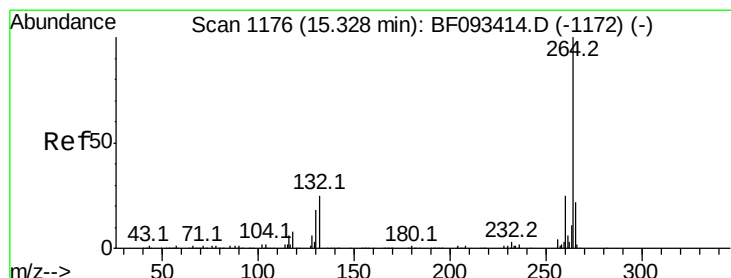
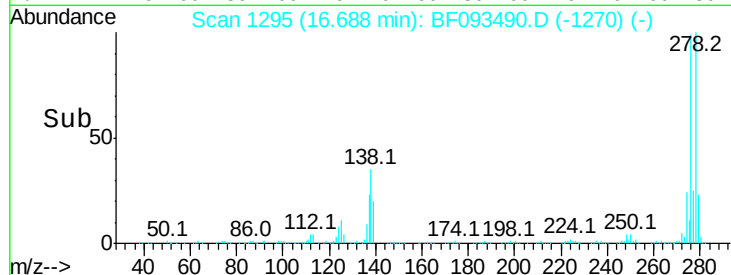
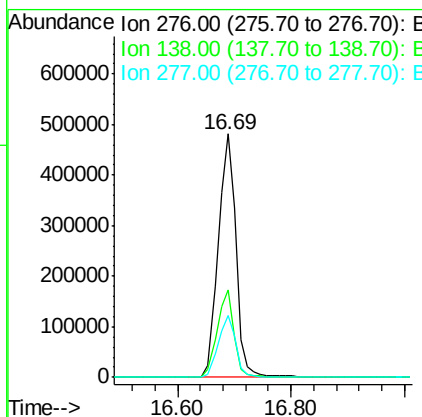
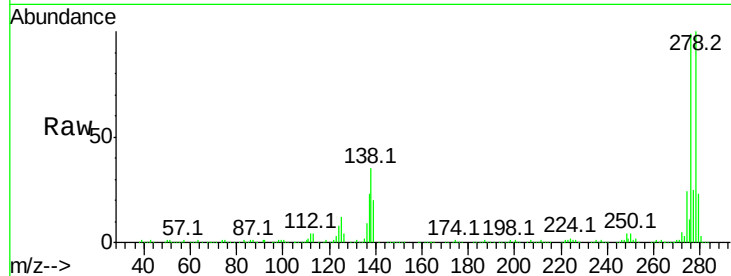




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.57 ng
 RT: 16.69 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

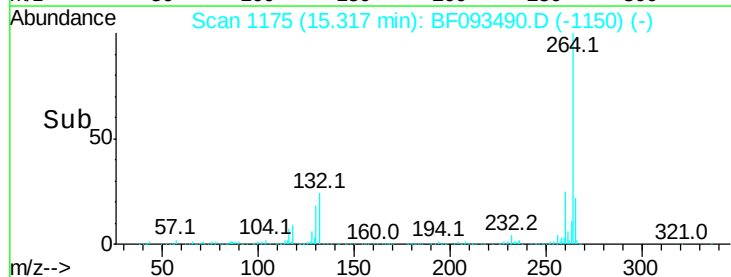
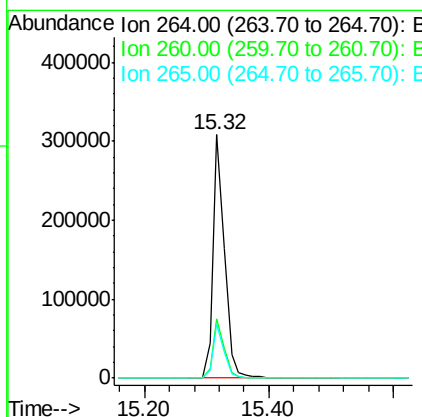
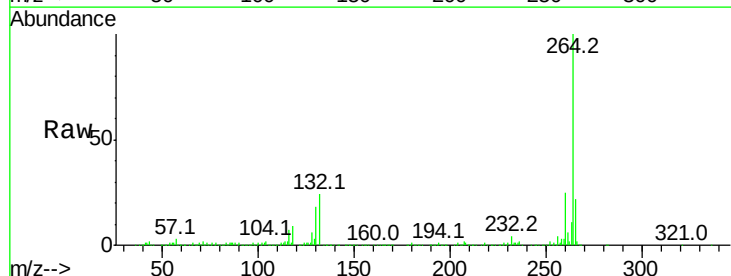
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

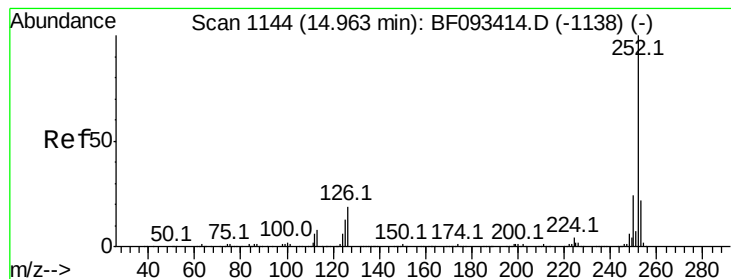
Tot Ion:276 Resp: 1045011
 Ion Ratio Lower Upper
 276 100
 138 33.8 21.8 32.6#
 277 25.2 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

Tgt Ion:264 Resp: 388394
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 22.4 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 96.30 ng

RT: 14.95 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

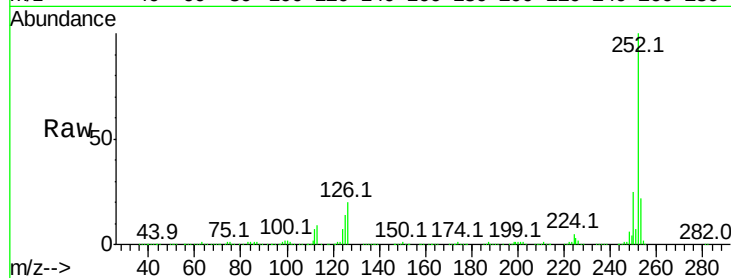
Tot Ion:252 Resp: 2277939

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

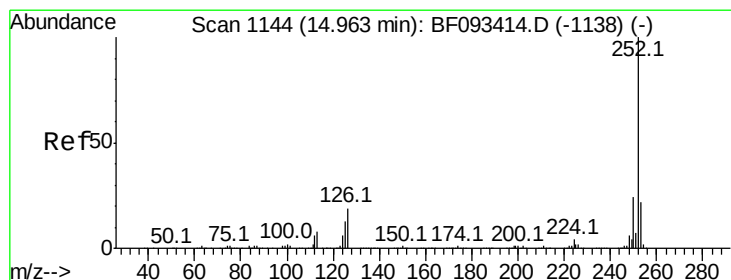
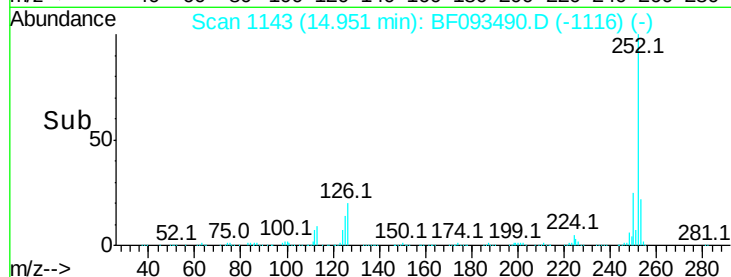
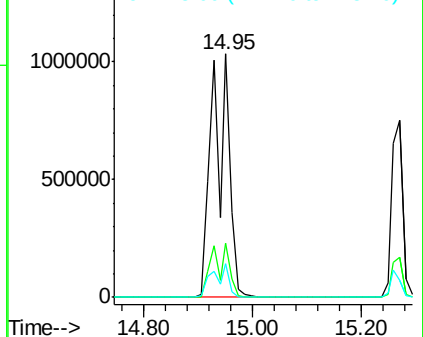
125 13.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 99.86 ng

RT: 14.95 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

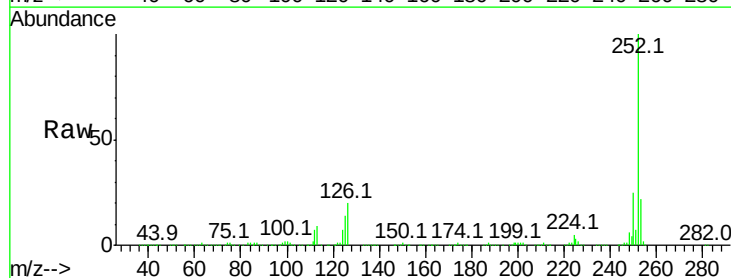
Tgt Ion:252 Resp: 2277939

Ion Ratio Lower Upper

252 100

253 22.4 18.5 27.7

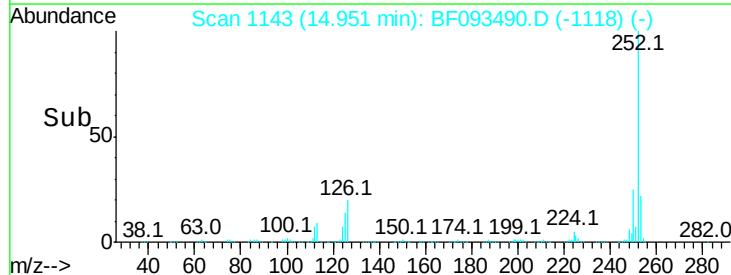
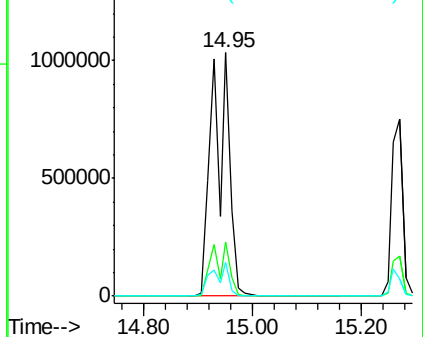
125 13.9 8.9 13.3#

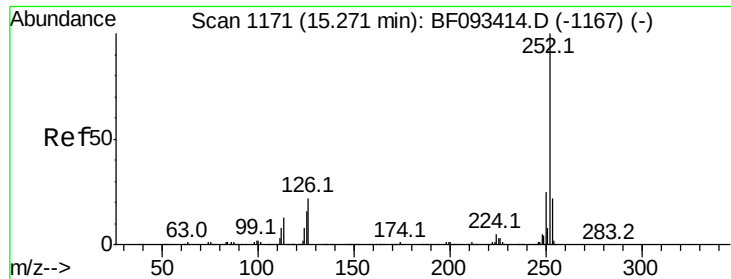


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

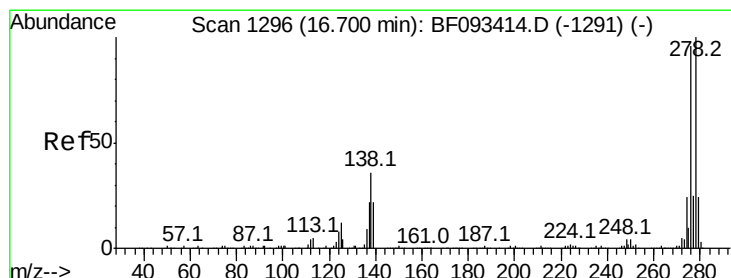
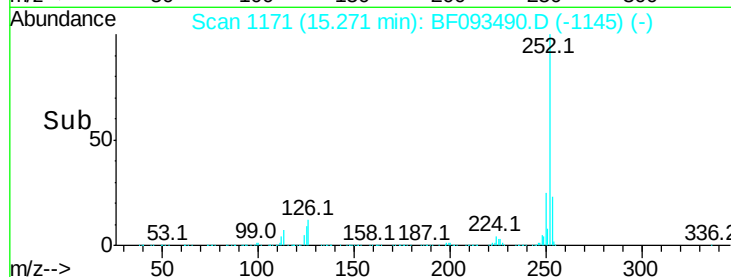
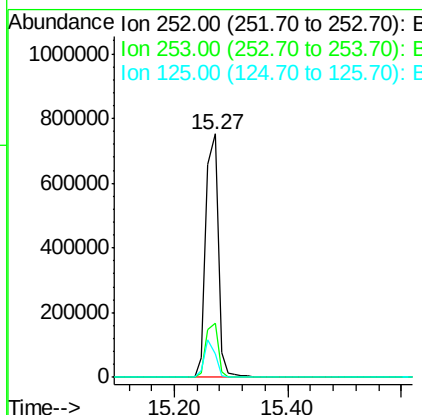
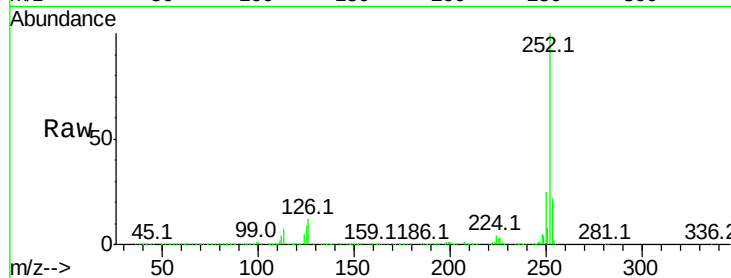




#89
Benzo(a)pyrene
Concen: 50.32 ng
RT: 15.27 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

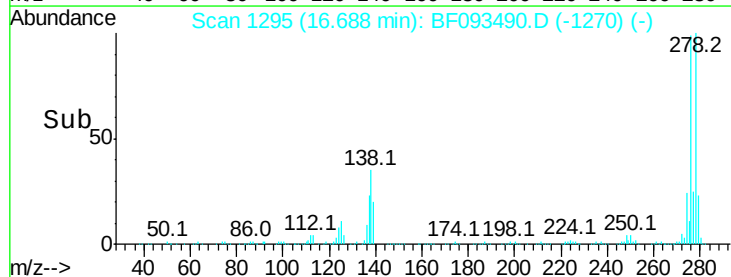
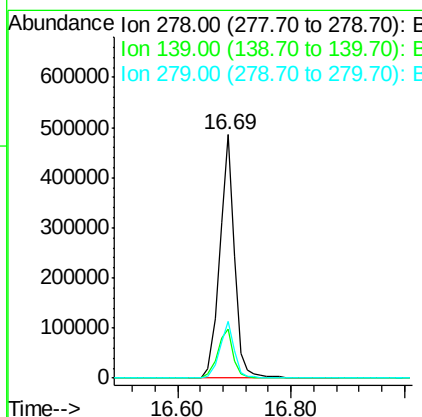
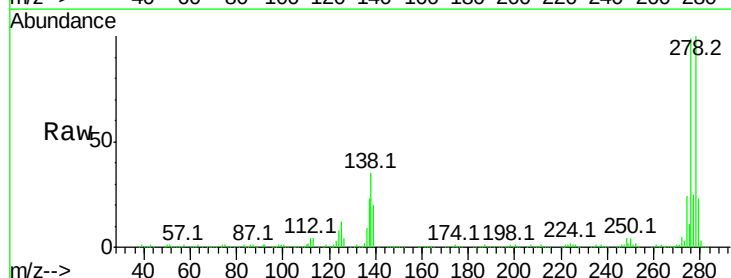
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

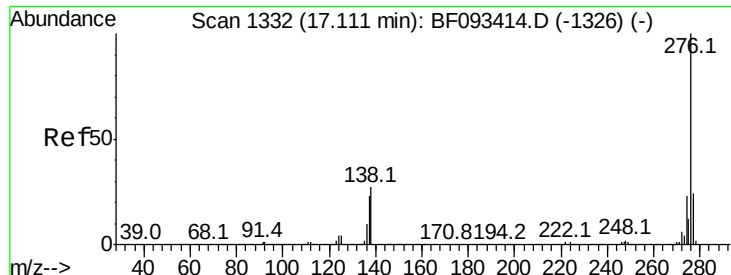
Tot Ion:252 Resp: 1087819
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.4 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 48.94 ng
RT: 16.69 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

Tgt Ion:278 Resp: 875297
Ion Ratio Lower Upper
278 100
139 20.4 14.8 22.2
279 23.3 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 50.29 ng
 RT: 17.10 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	25.9	16.0	24.0

