

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 10 00:19:33 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	6.69	146	656310m	46.37	ng	
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	187900m	52.78	ng	
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

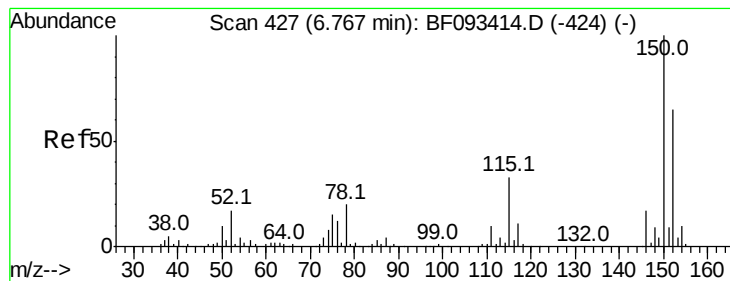
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	343792	59.52	nq	94
43) 2,4,5-Trichlorophenol	9.09	196	327094	52.78	nq #	87
45) 1,1'-Biphenyl	9.21	154	1294517	52.49	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	14.93	252	1266468m	53.54	nq	
88) Benzo(k)fluoranthene	14.95	252	992333m	43.50	nq	
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

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Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

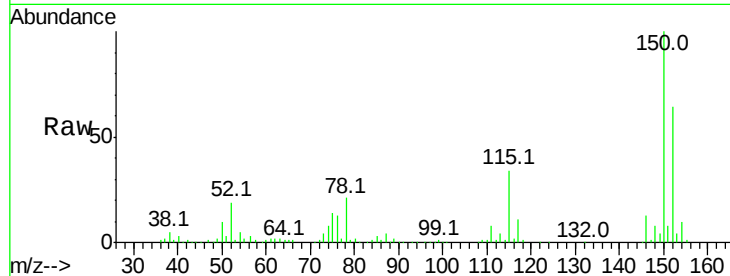
Tot Ion:152 Resp: 183700

Ion Ratio Lower Upper

152 100

150 157.1 124.9 187.3

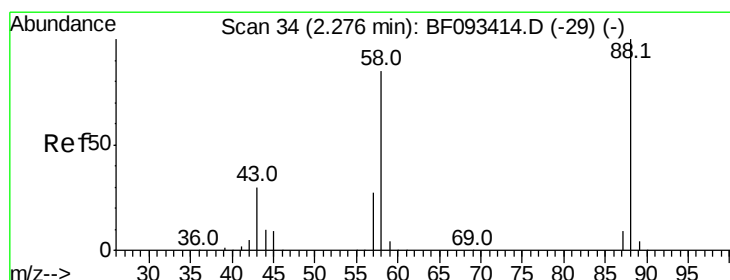
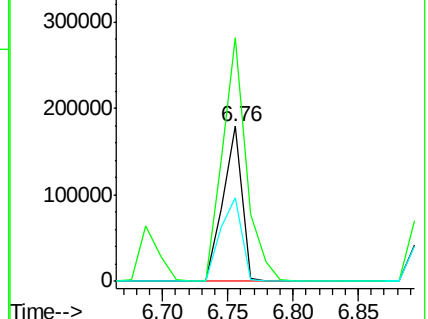
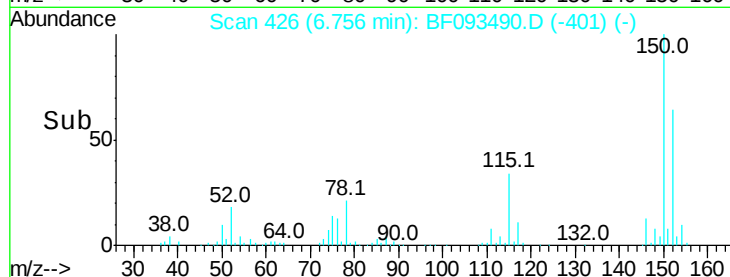
115 53.6 46.0 69.0



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

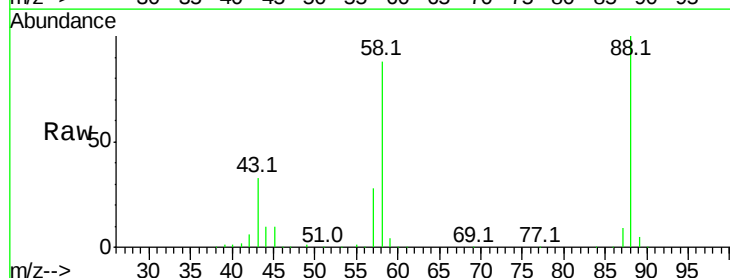
Tgt Ion: 88 Resp: 265700

Ion Ratio Lower Upper

88 100

58 85.5 57.8 86.8

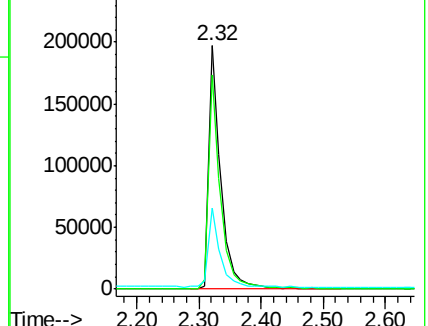
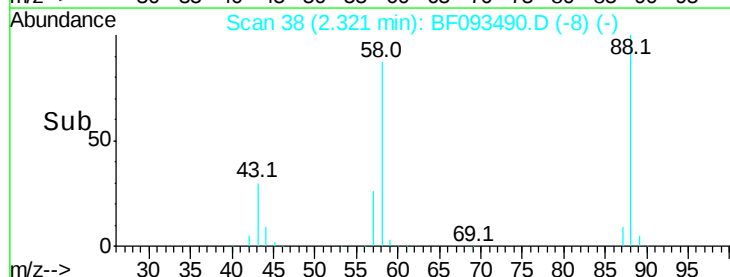
43 31.3 22.3 33.5

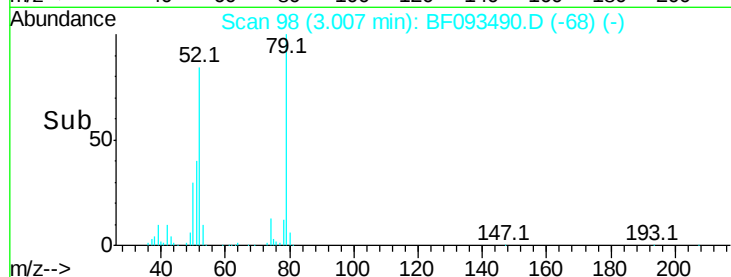
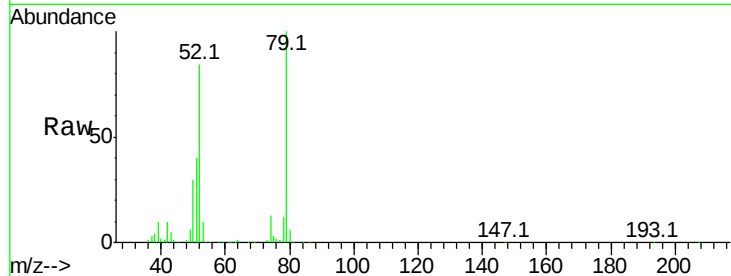
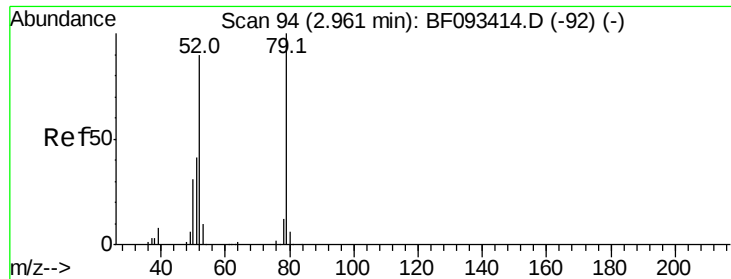


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

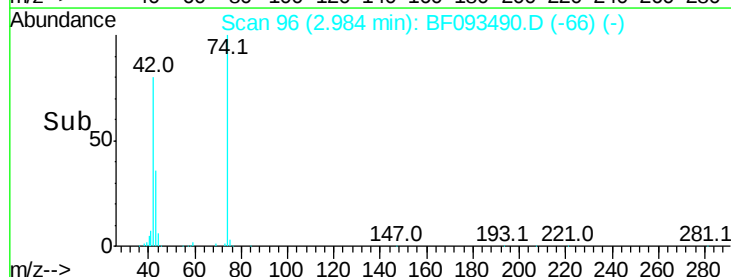
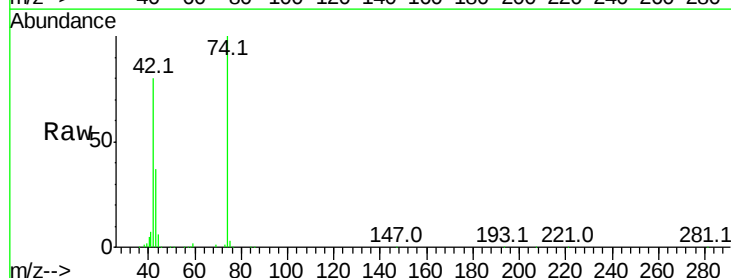
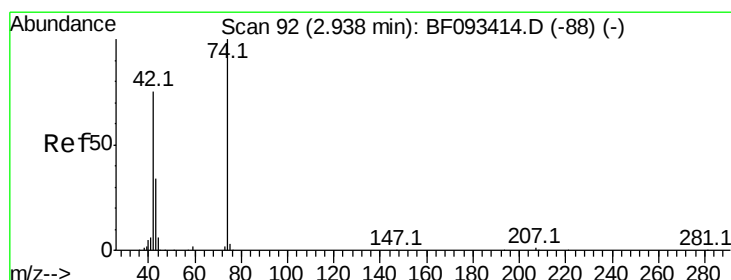
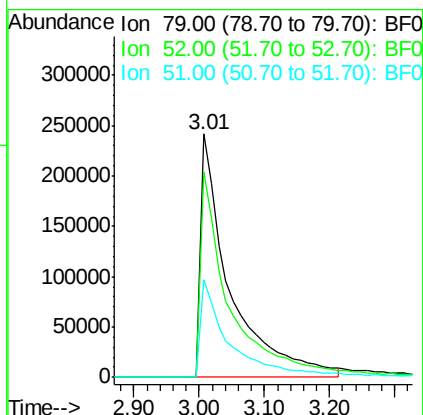




#3
Pvridine
Concen: 48.30 ng
RT: 3.01 min Scan# 98
Delta R.T. 0.05 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

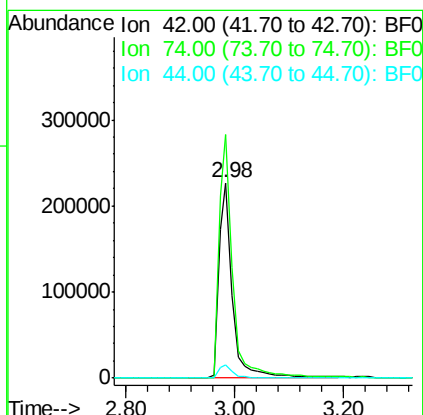
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

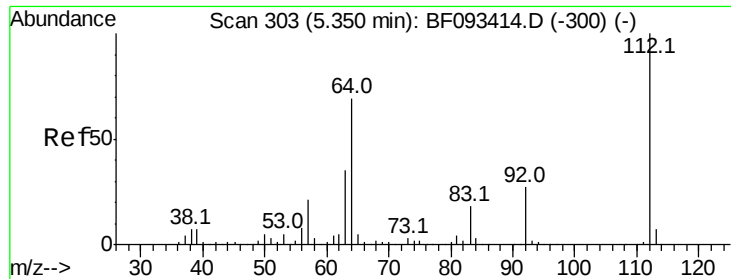
Tot Ion: 79 Resp: 748617
Ion Ratio Lower Upper
79 100
52 84.2 57.1 85.7
51 40.2 27.3 40.9



#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

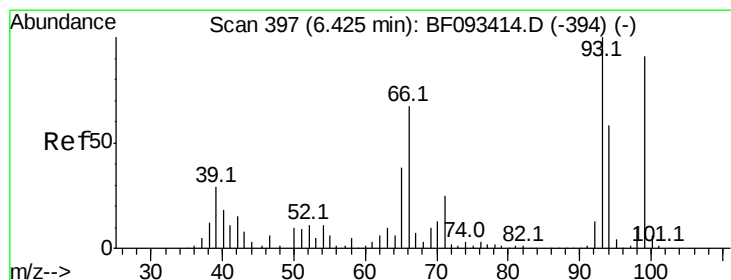
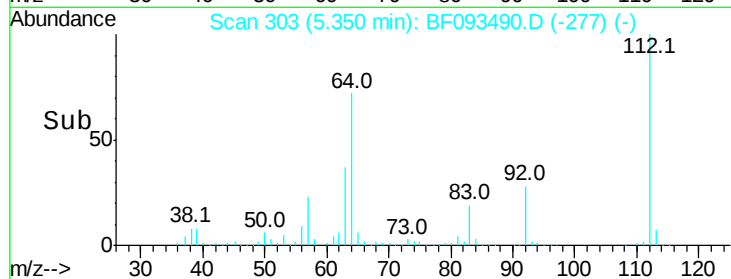
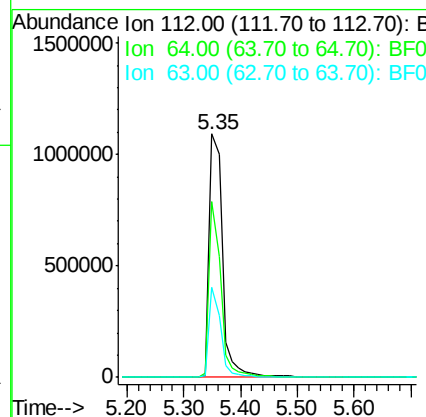
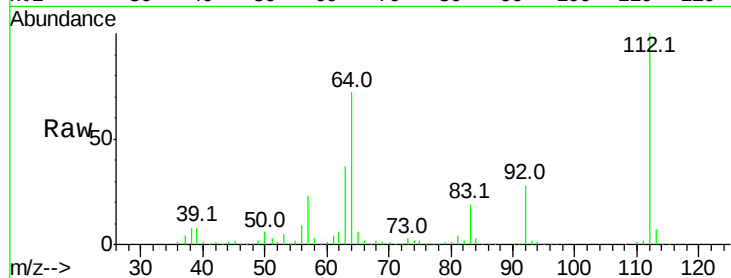




#5
 2-Fluorophenol
 Concen: 154.37 ng
 RT: 5.35 min Scan# 303
 Delta R.T. -0.00 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

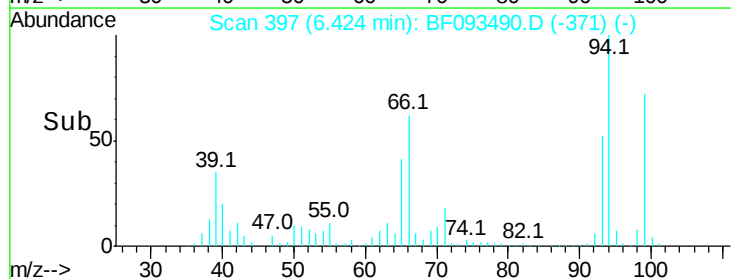
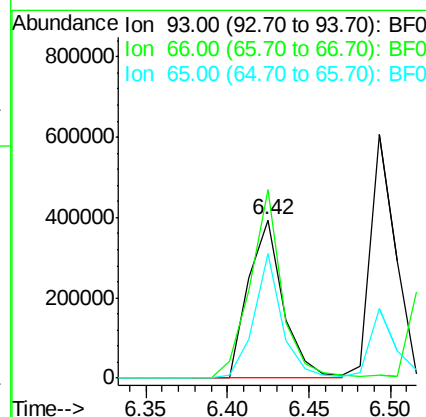
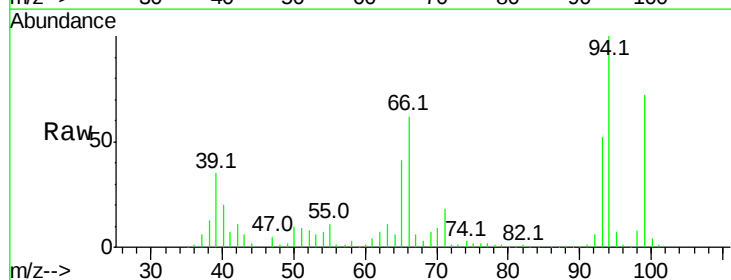
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

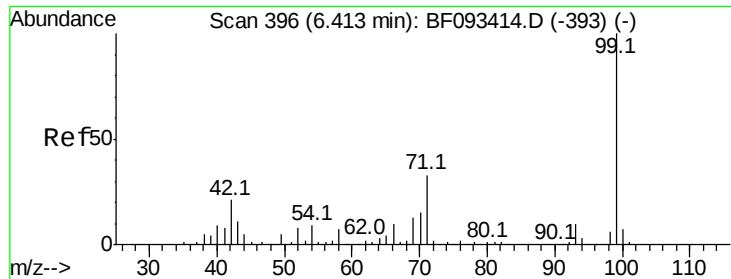
Tot Ion:112 Resp: 1703808
 Ion Ratio Lower Upper
 112 100
 64 72.0 46.1 69.1#
 63 36.9 23.8 35.6#



#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

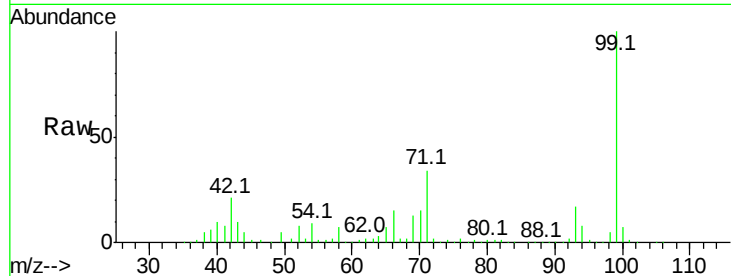
Tot Ion: 99 Resp: 2016144

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

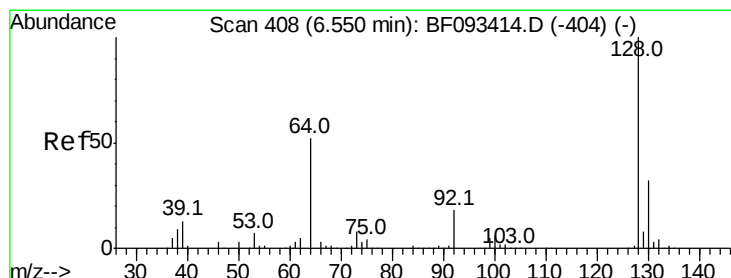
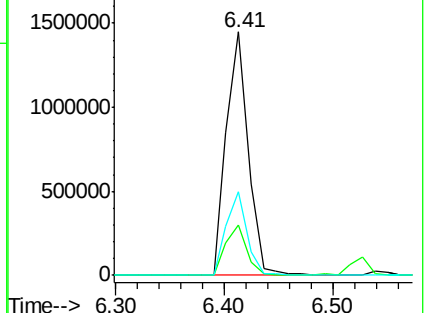
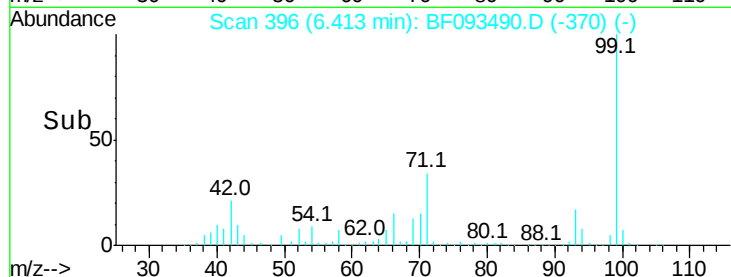
71 34.1 27.5 41.3



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

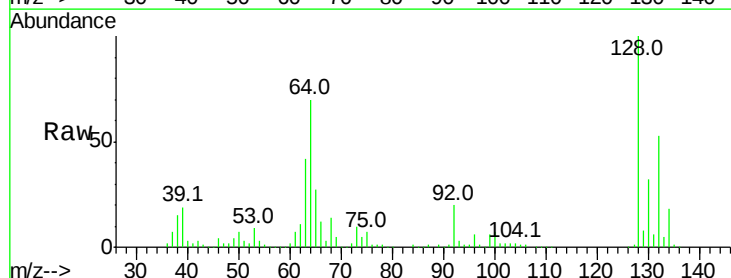
Tgt Ion:128 Resp: 598087

Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

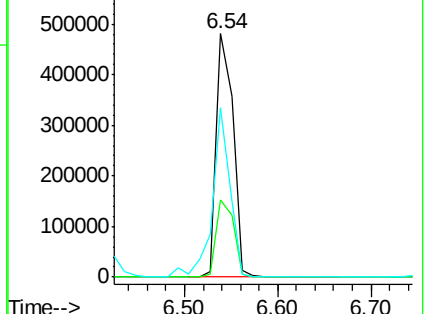
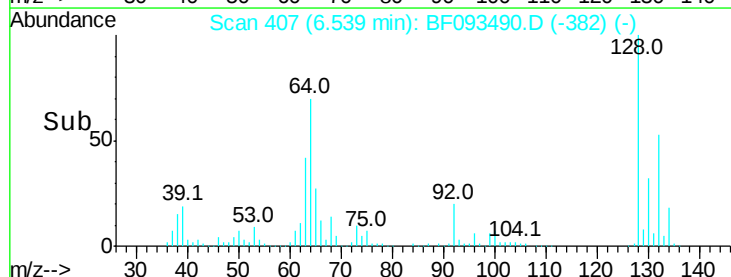
64 69.7 32.2 72.2



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

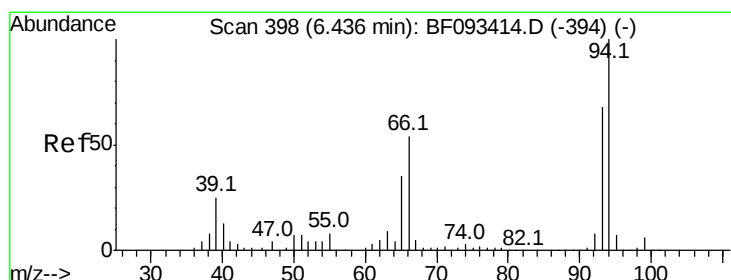
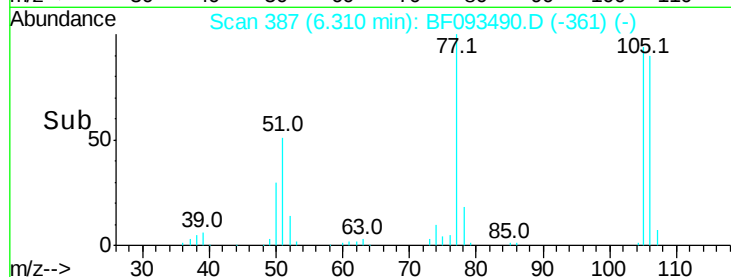
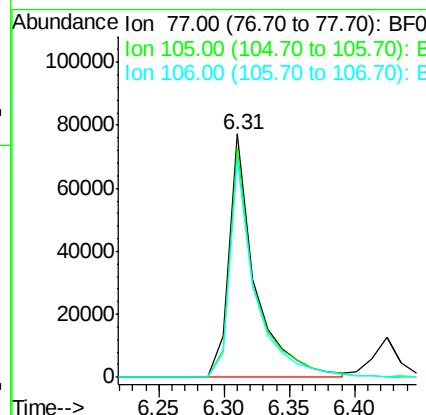
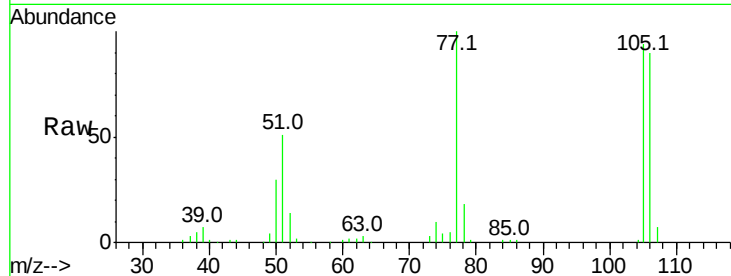




#9
Benzaldehyde
Concen: 9.36 ng
RT: 6.31 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

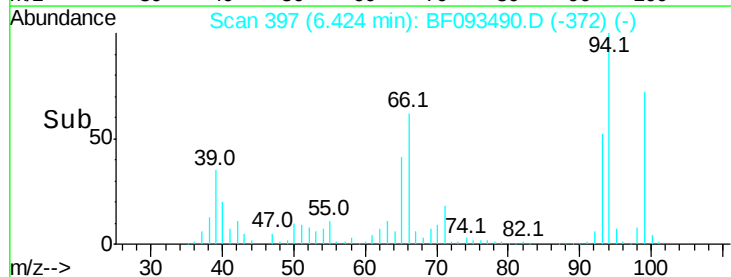
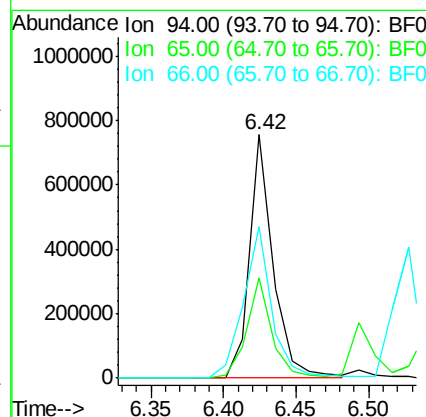
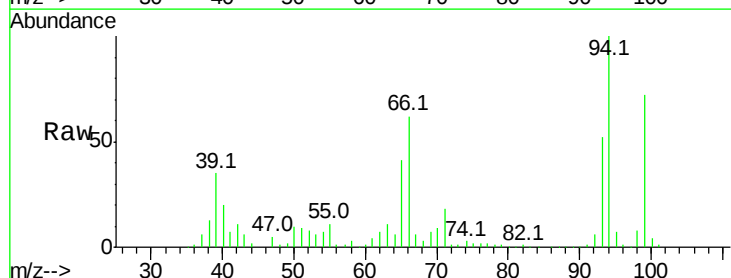
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

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



#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





#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

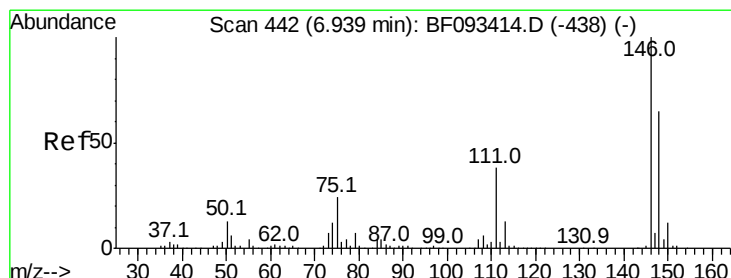
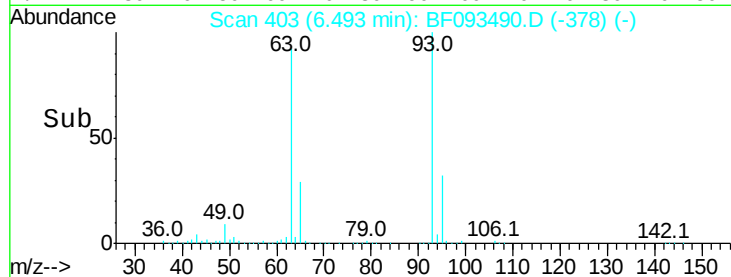
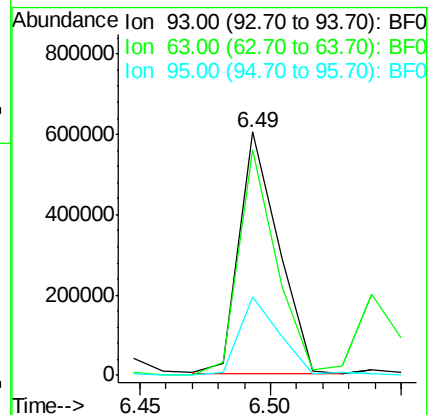
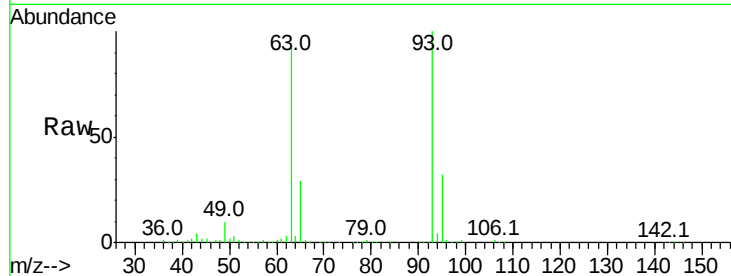
Tot Ion: 93 Resp: 631697

Ion Ratio Lower Upper

93 100

63 92.4 60.4 100.4

95 32.1 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 46.37 ng m

RT: 6.69 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

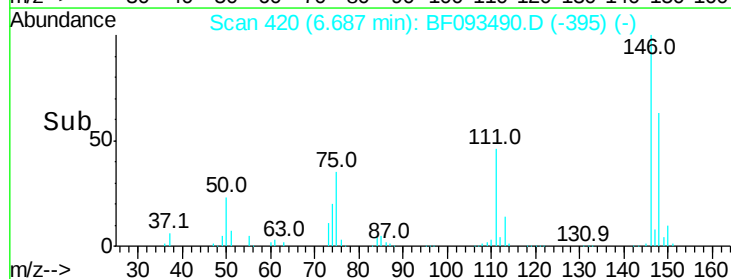
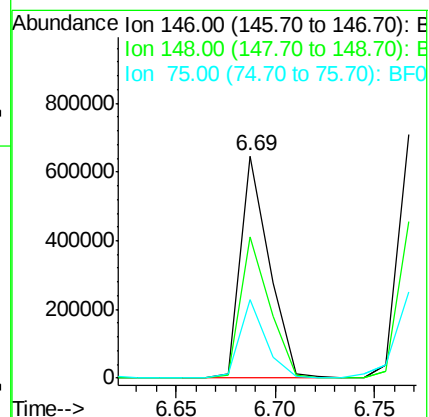
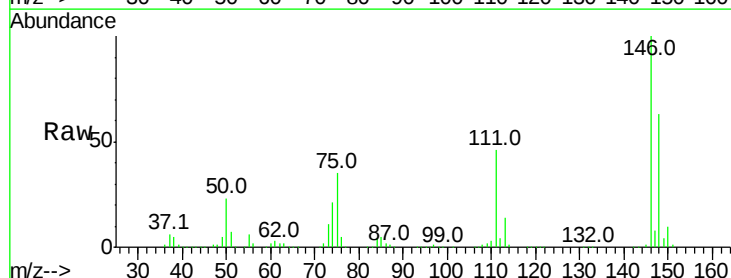
Tgt Ion: 146 Resp: 656310

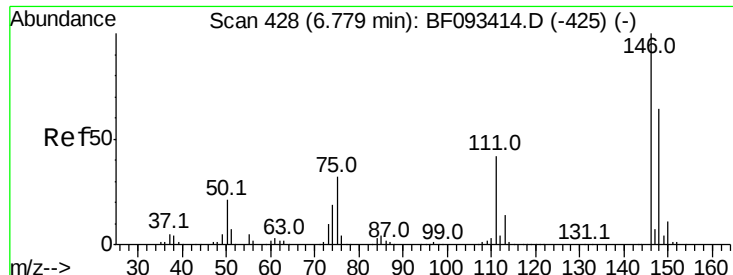
Ion Ratio Lower Upper

146 100

148 63.2 53.4 80.0

75 35.5 18.5 27.7#

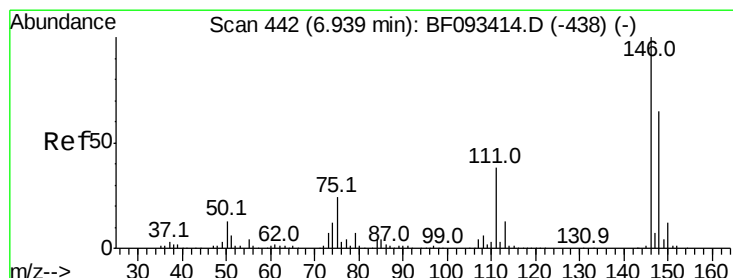
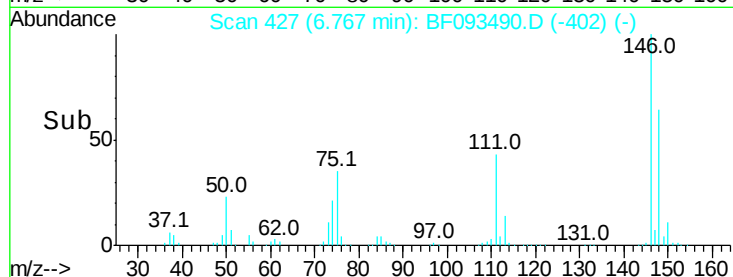
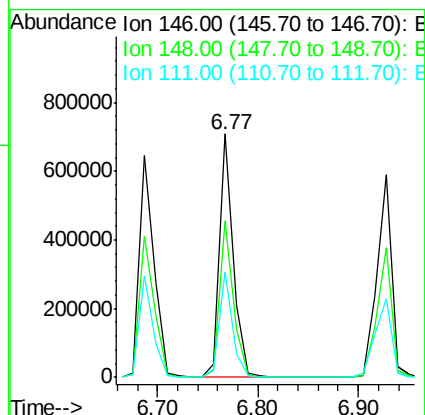
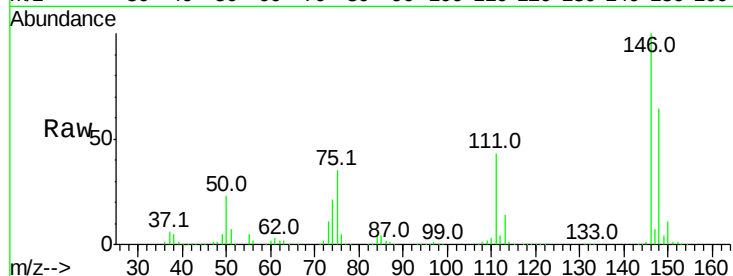




#13
 1,4-Dichlorobenzene
 Concen: 46.38 ng
 RT: 6.77 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

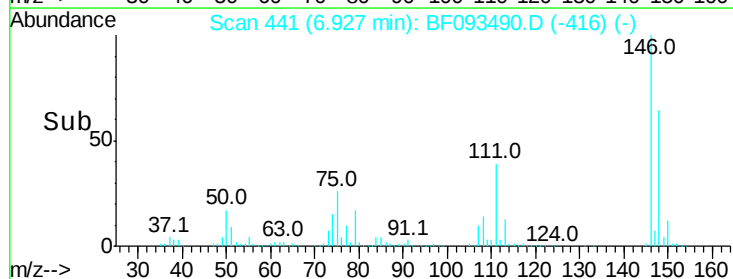
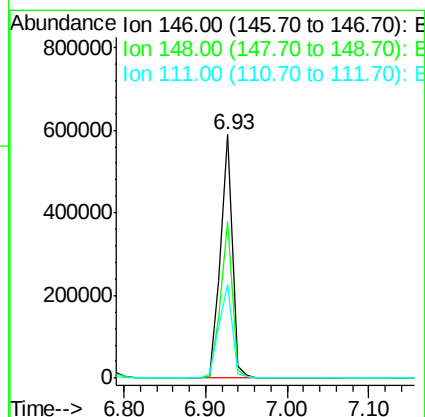
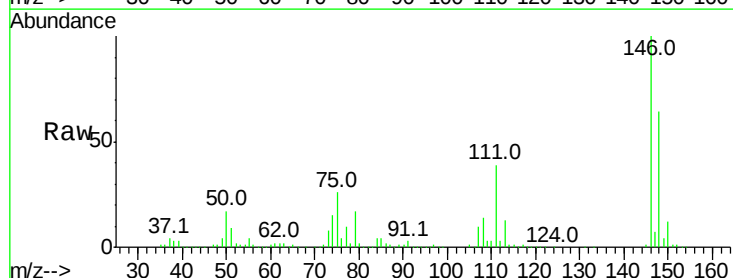
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

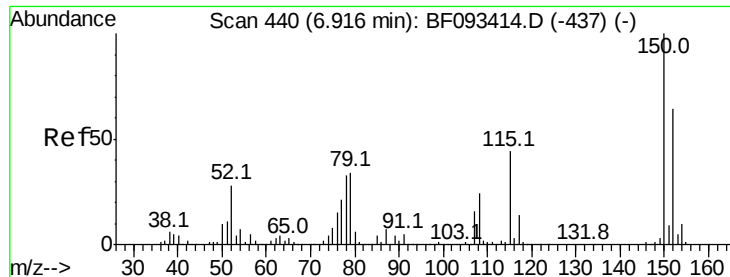
Tot Ion:146 Resp: 672191
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 76.0
 111 43.5 36.2 54.4



#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

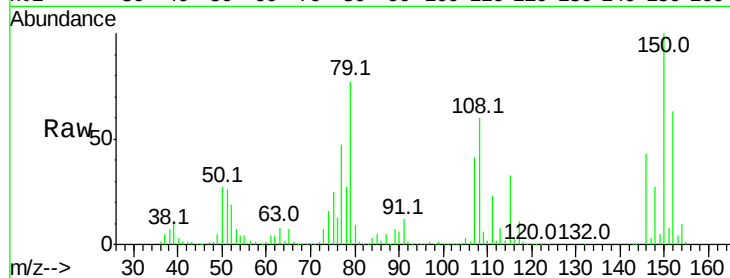
Tot Ion: 79 Resp: 531681

Ion Ratio Lower Upper

79 100

108 78.0 61.4 92.0

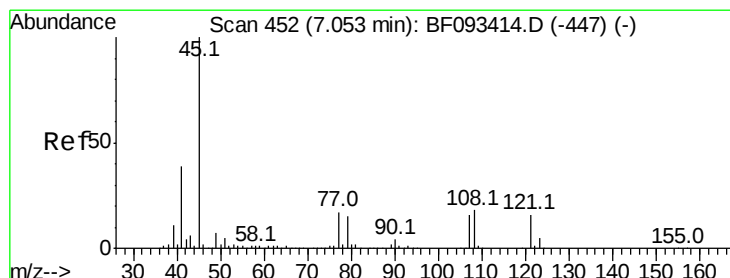
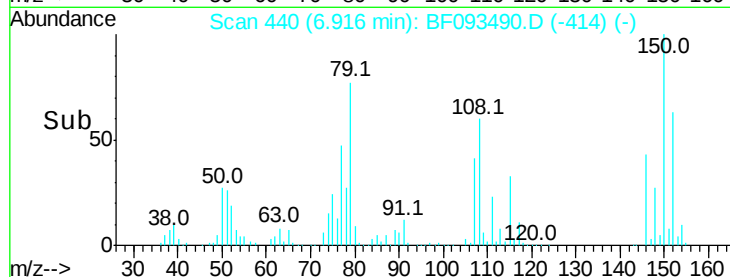
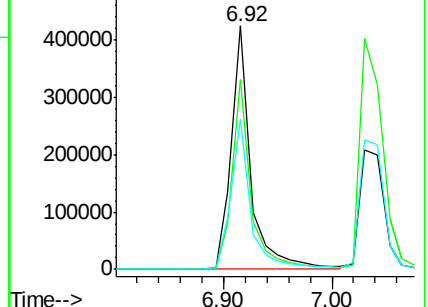
77 61.6 50.9 76.3



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

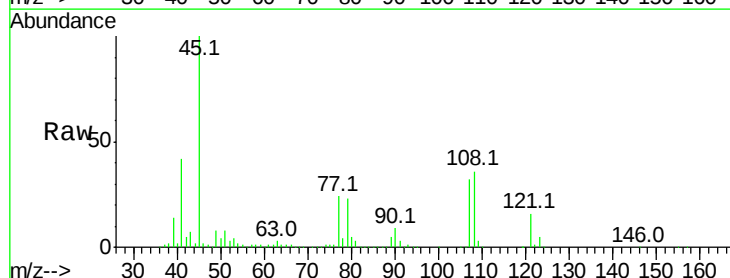
Tgt Ion: 45 Resp: 1086580

Ion Ratio Lower Upper

45 100

77 24.5 0.0 34.6

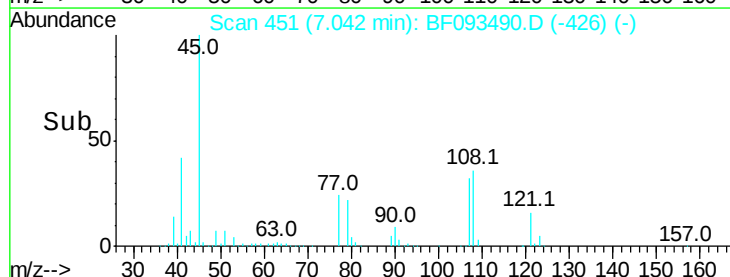
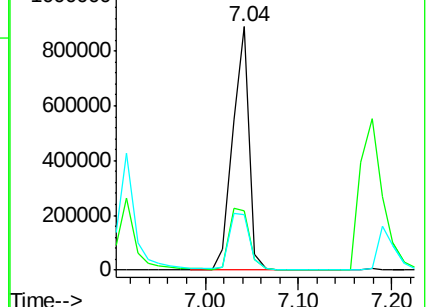
79 22.6 0.0 31.2

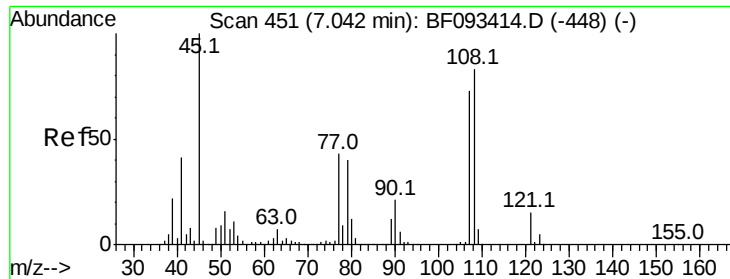


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

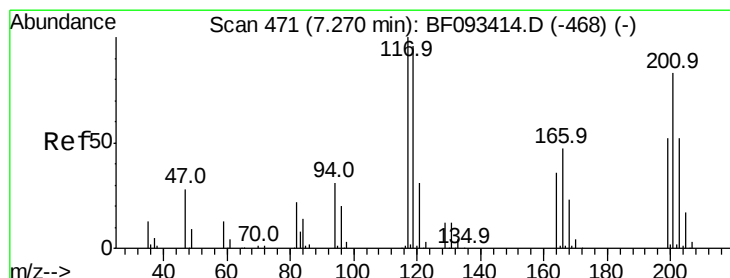
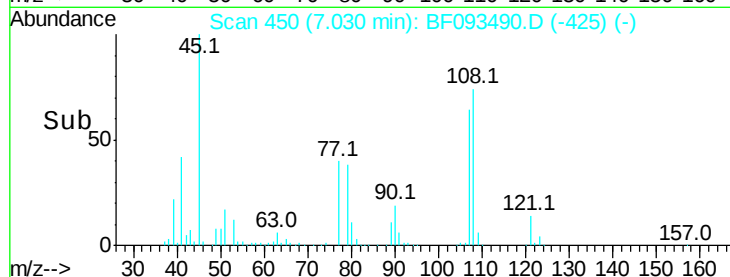
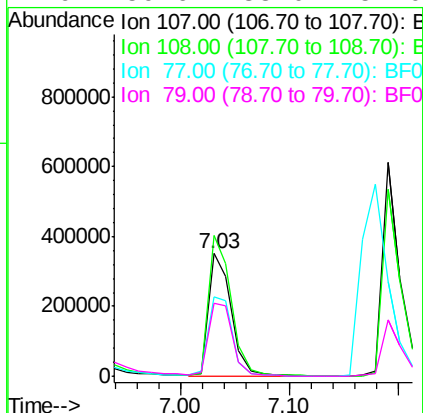
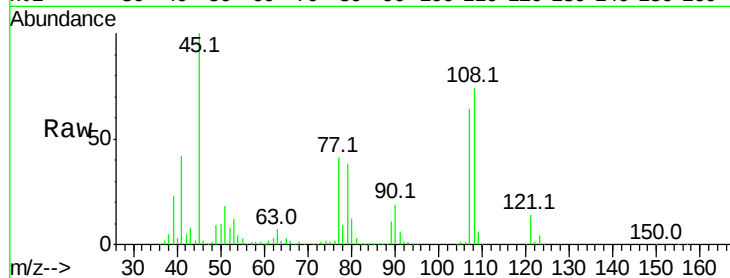




#17
2-Methylphenol
Concen: 48.46 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

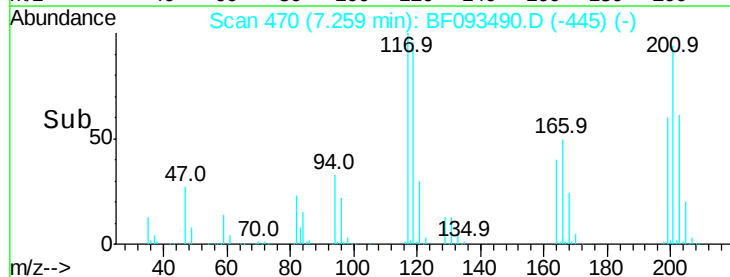
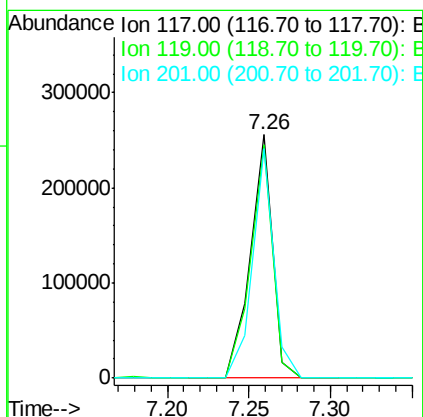
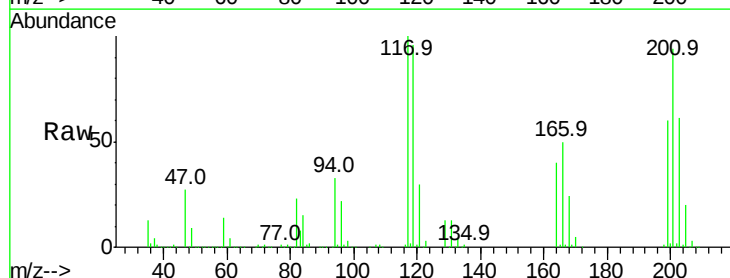
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

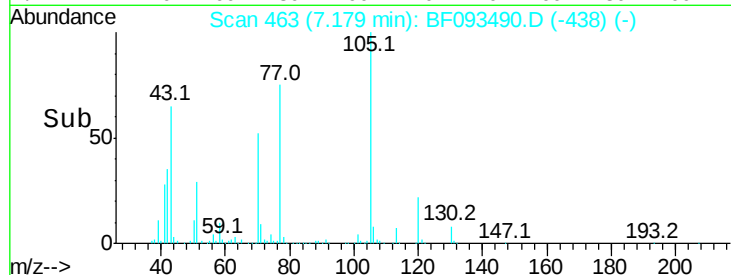
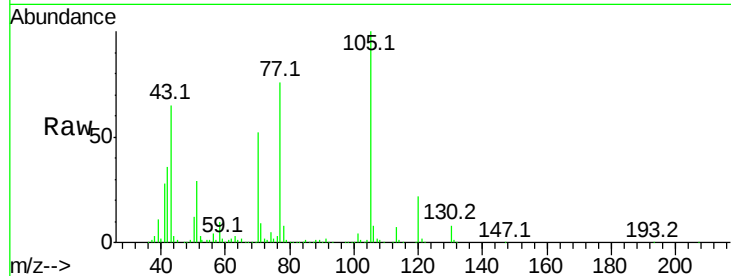
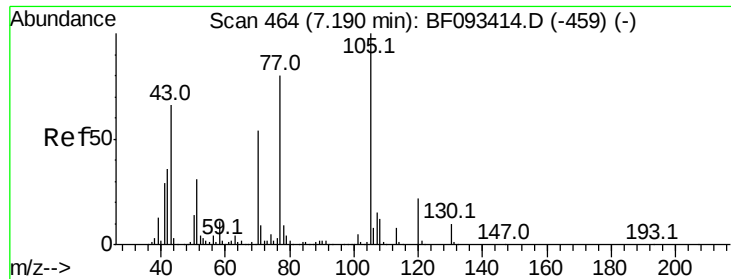
Tot Ion:107 Resp: 506860
Ion Ratio Lower Upper
107 100
108 114.7 93.0 139.6
77 64.4 39.8 59.8#
79 59.6 38.0 57.0#



#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

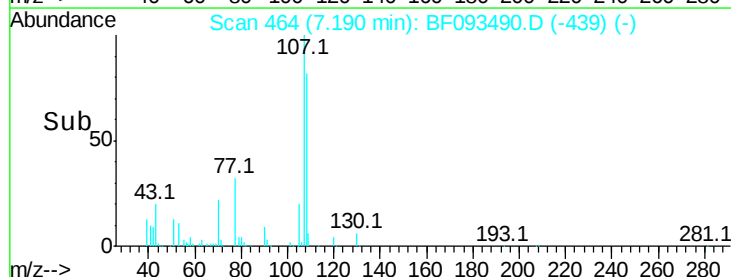
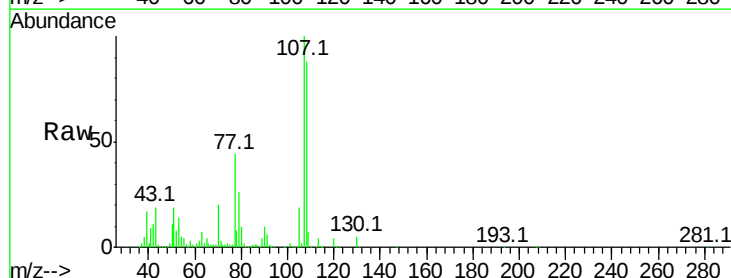
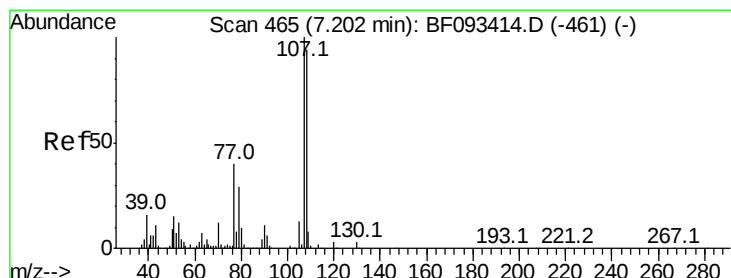
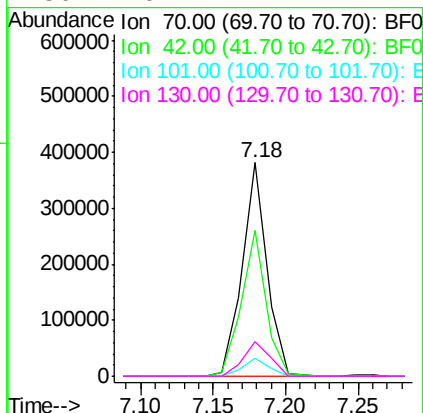




#19
n-Nitroso-di-n-propylamine
Concen: 47.46 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

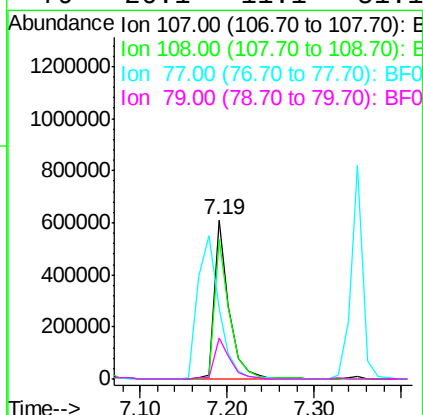
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

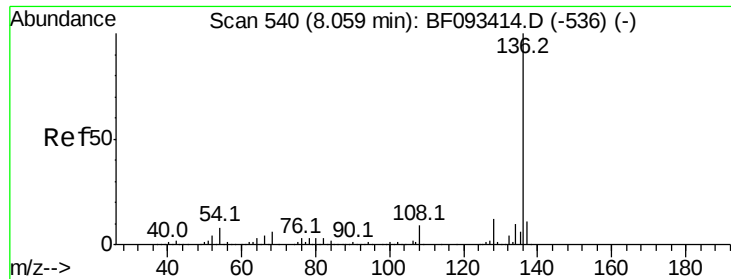
Tot Ion: 70 Resp: 454148
Ion Ratio Lower Upper
70 100
42 68.5 49.4 74.0
101 8.5 7.4 11.2
130 16.1 14.2 21.4



#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

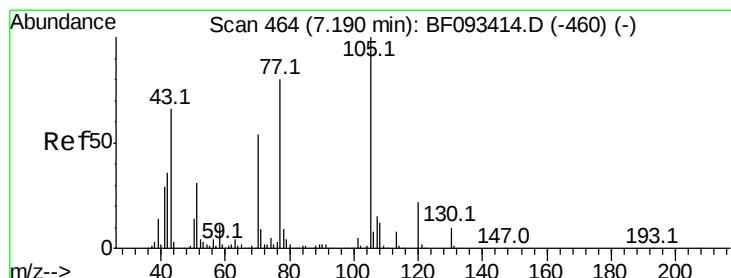
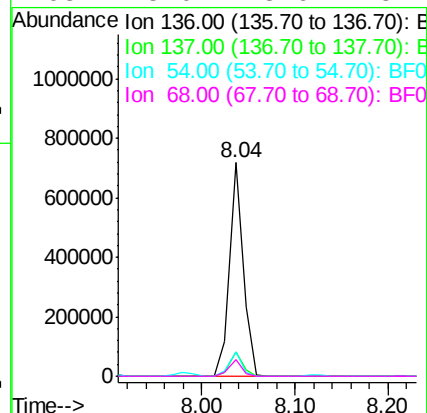
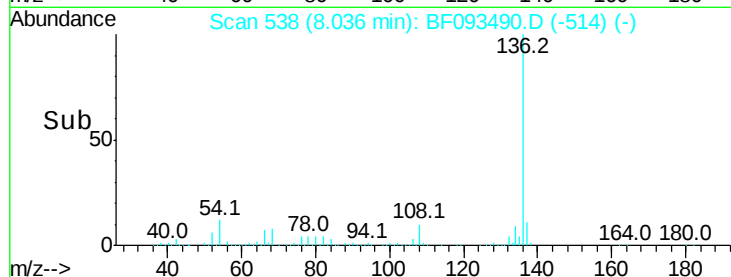
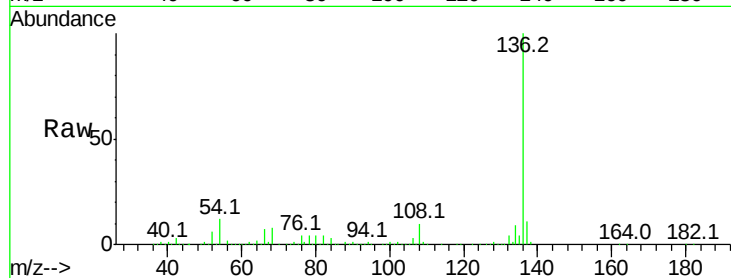




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

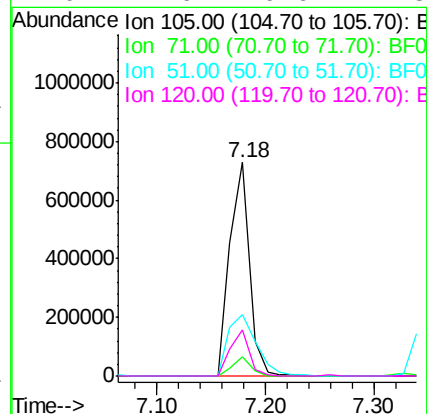
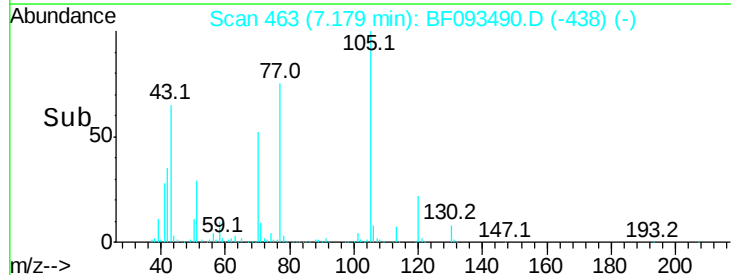
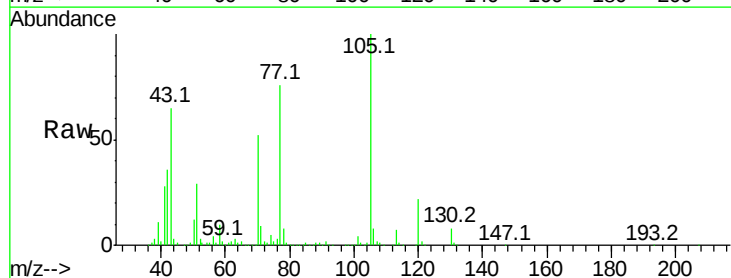
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

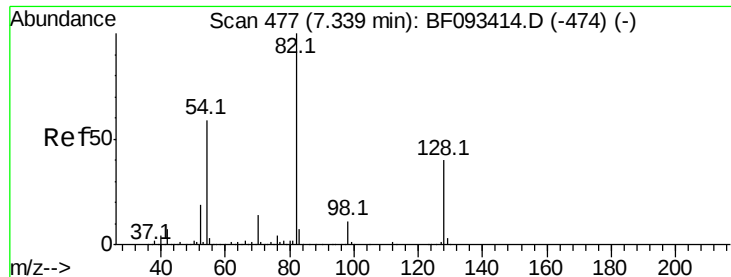
Tot Ion:136	Resp:	737085
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.4 12.6
54	11.6	4.5 6.7#
68	8.0	3.6 5.4#



#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

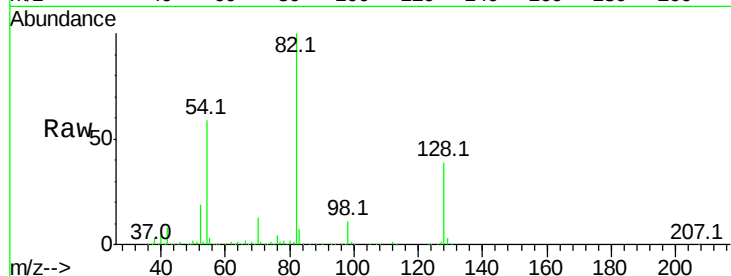
Tot Ion: 82 Resp: 1430272

Ion Ratio Lower Upper

82 100

128 39.2 34.6 52.0

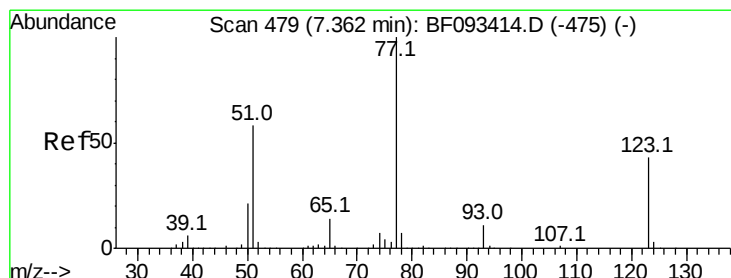
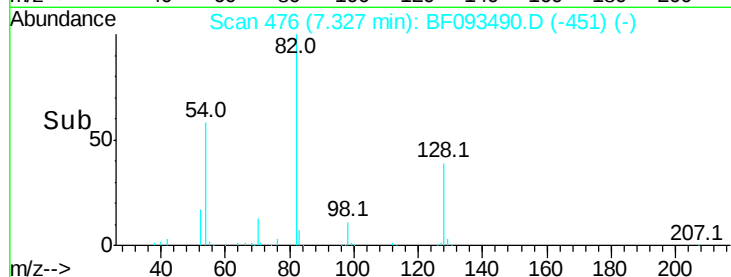
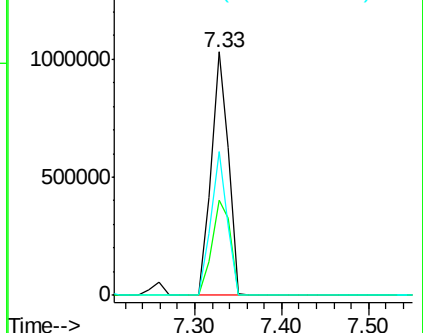
54 59.2 39.5 59.3



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

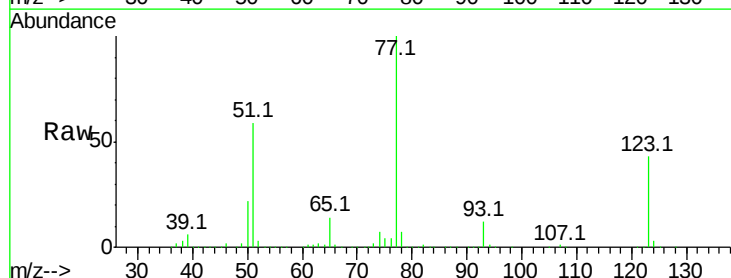
Tgt Ion: 77 Resp: 780469

Ion Ratio Lower Upper

77 100

123 42.8 33.0 49.4

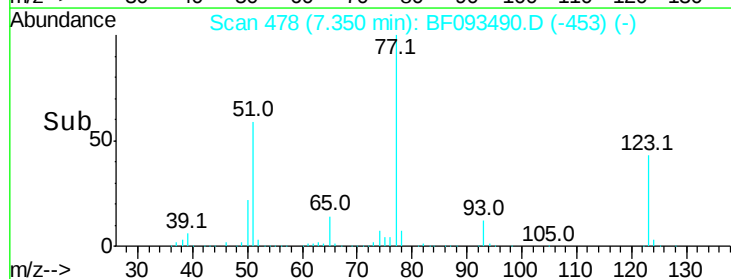
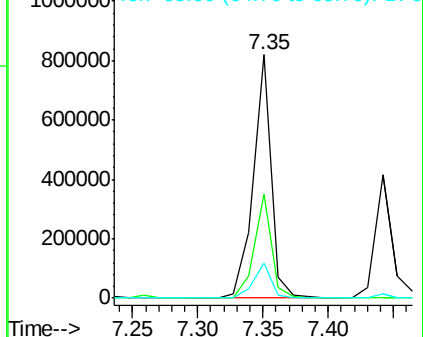
65 14.1 11.2 16.8

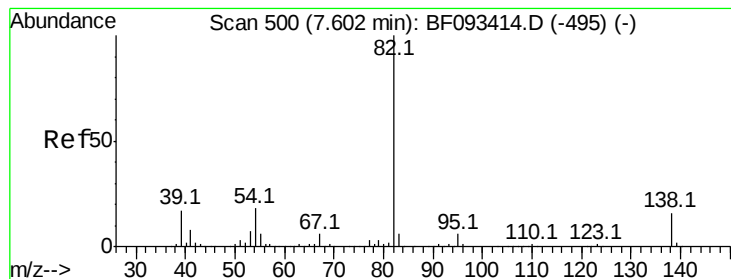


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

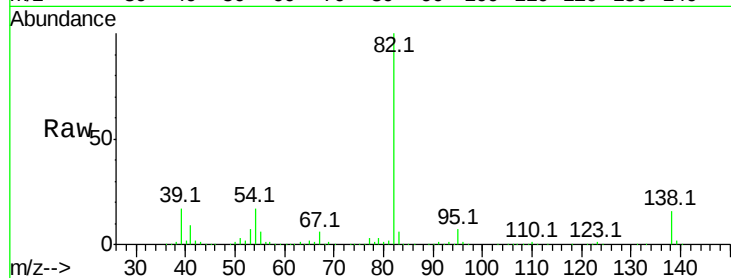
Tot Ion: 82 Resp: 1364231

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

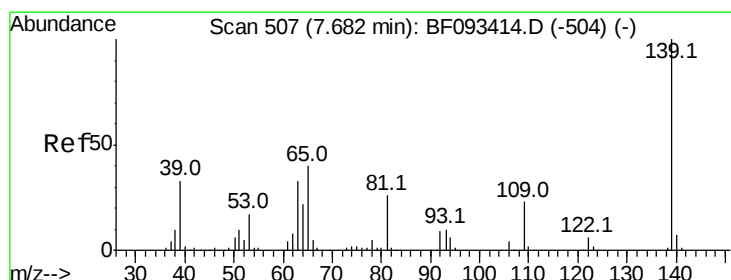
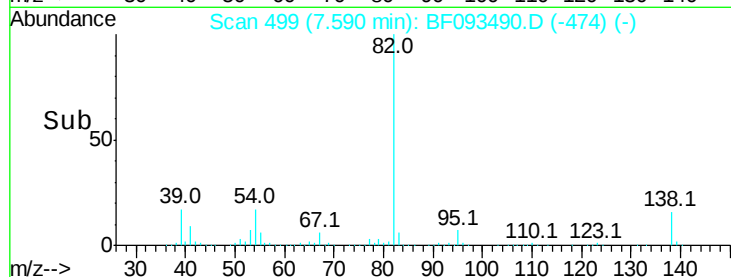
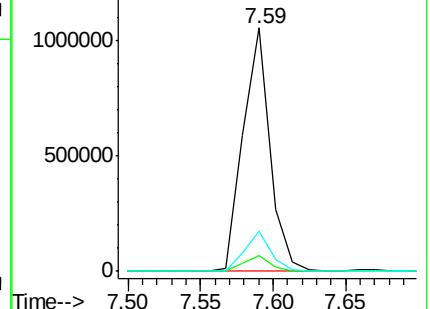
138 16.3 14.6 22.0



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

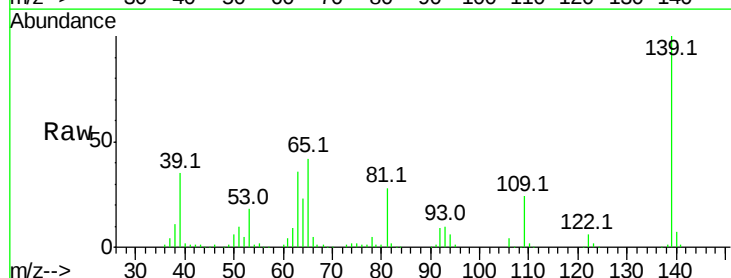
Tgt Ion: 139 Resp: 350955

Ion Ratio Lower Upper

139 100

109 23.6 23.3 34.9

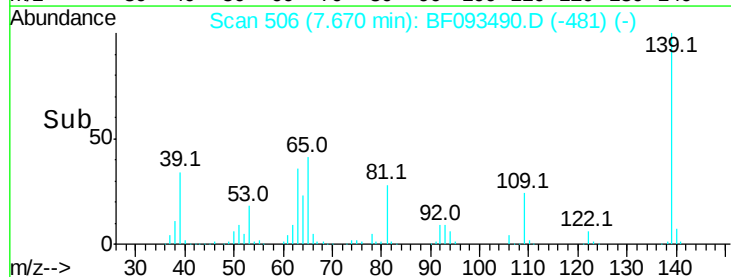
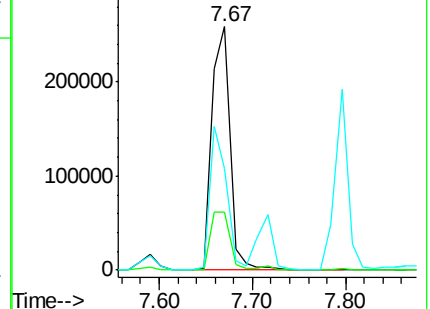
65 41.5 42.7 64.1#

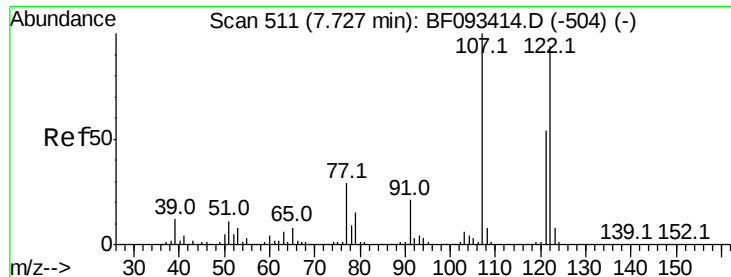


Abundance Ion 139.00 (138.70 to 139.70): E

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

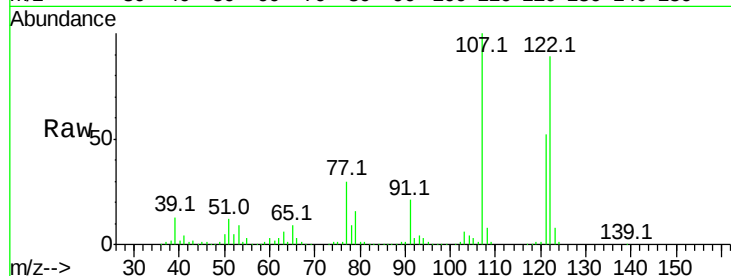
Tot Ion:122 Resp: 585724

Ion Ratio Lower Upper

122 100

107 112.0 94.1 141.1

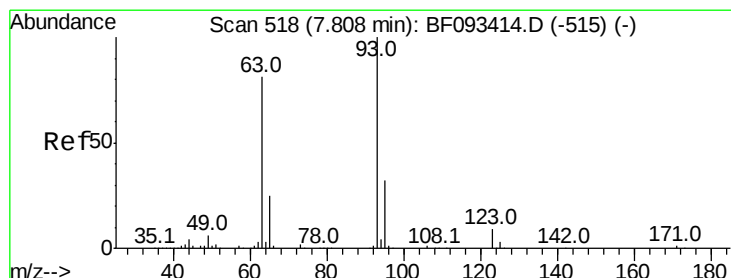
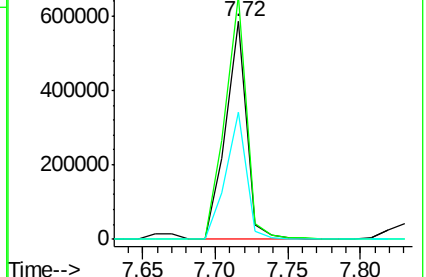
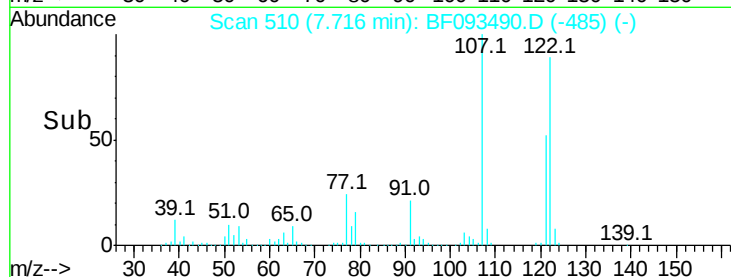
121 58.6 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#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

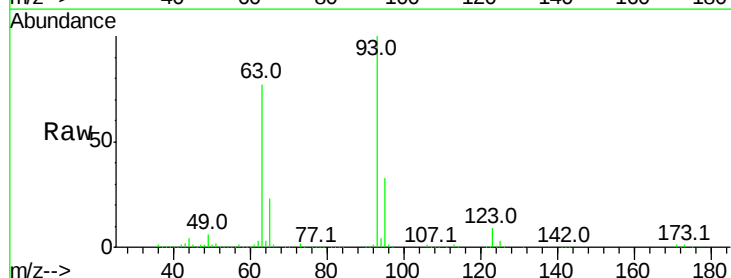
Tgt Ion: 93 Resp: 818972

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

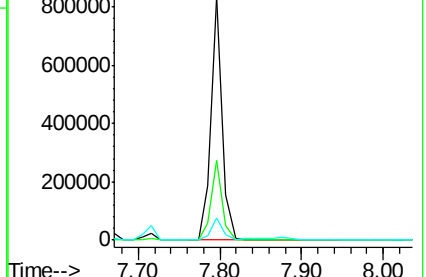
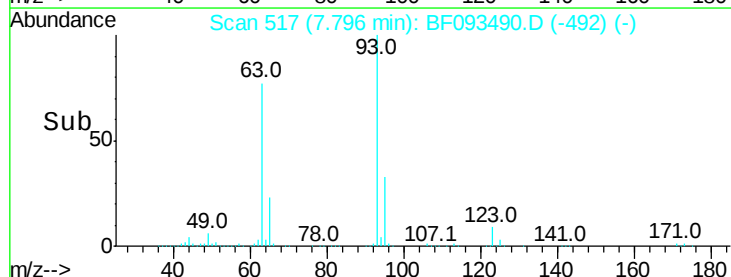
123 9.4 8.6 13.0

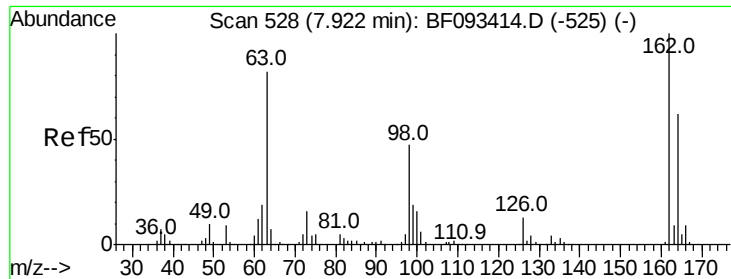


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

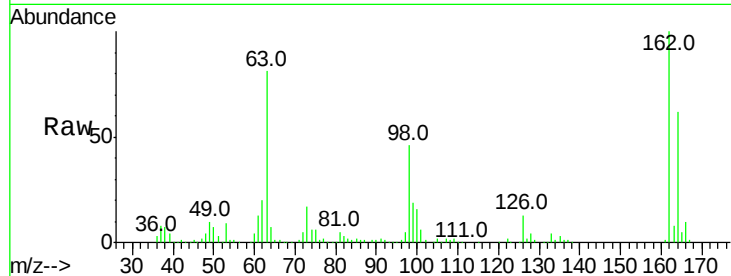




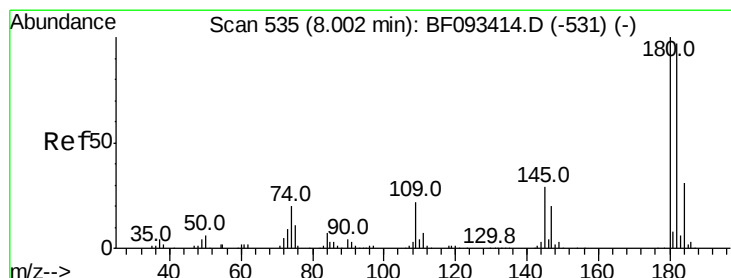
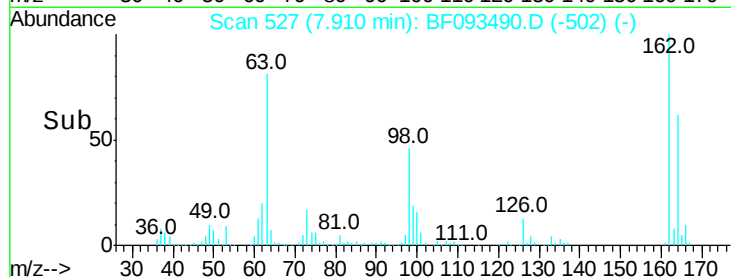
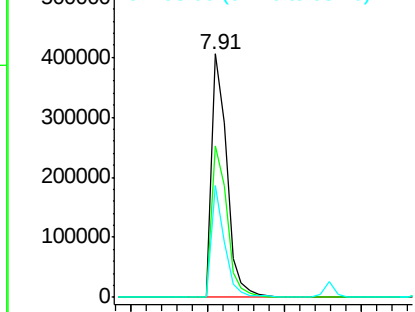
#29
 2,4-Dichlorophenol
 Concen: 53.04 ng
 RT: 7.91 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

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

Tot Ion:162 Resp: 552969
 Ion Ratio Lower Upper
 162 100
 164 62.4 46.8 86.8
 98 45.8 9.1 49.1

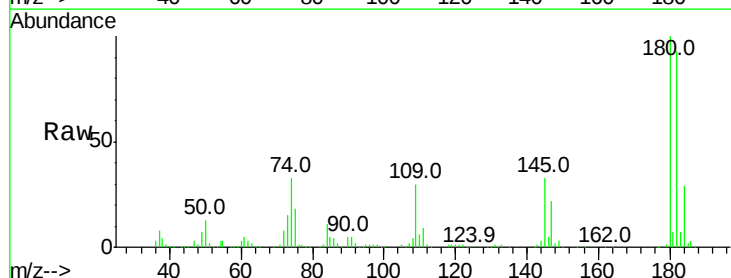


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

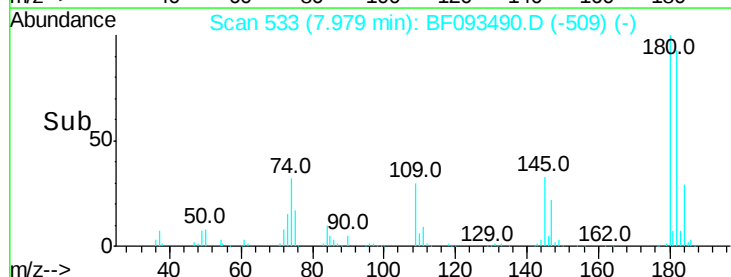
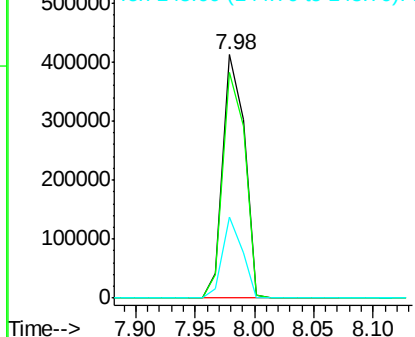


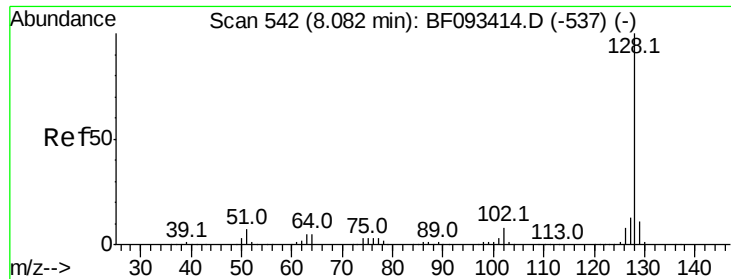
#30
 1,2,4-Trichlorobenzene
 Concen: 47.32 ng
 RT: 7.98 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

Tgt Ion:180 Resp: 524669
 Ion Ratio Lower Upper
 180 100
 182 92.8 78.2 117.4
 145 33.4 21.6 32.4#



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

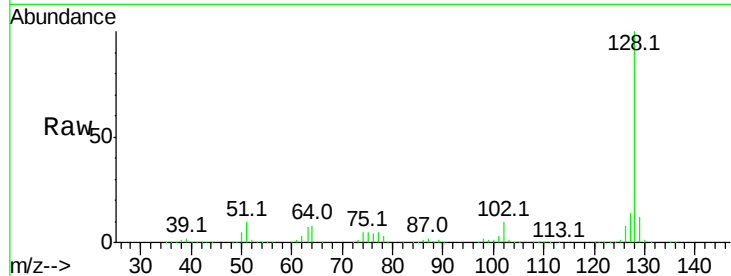




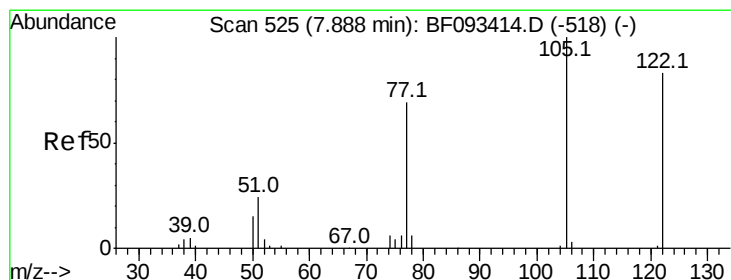
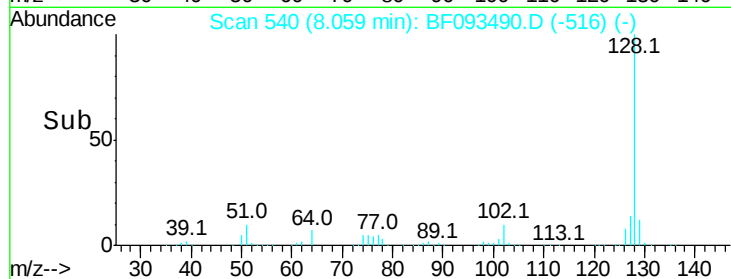
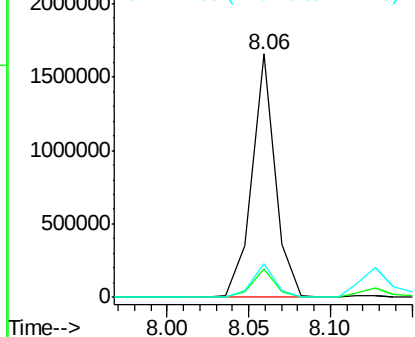
#31
Naphthalene
Concen: 44.33 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

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

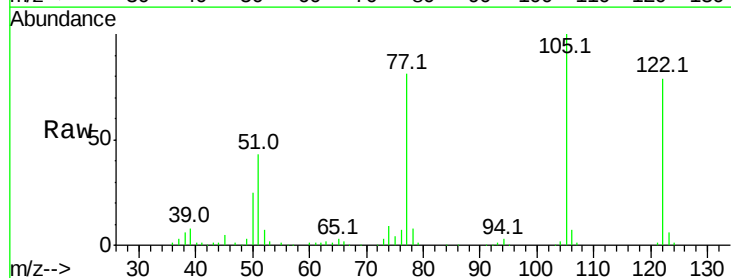


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

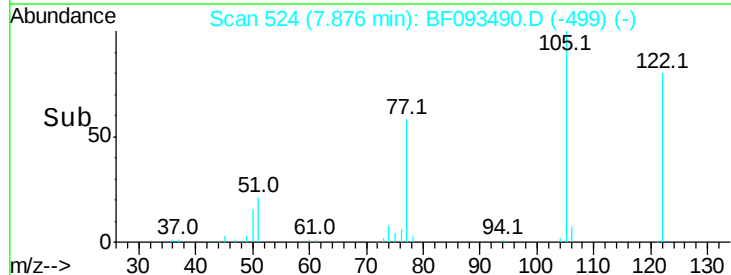
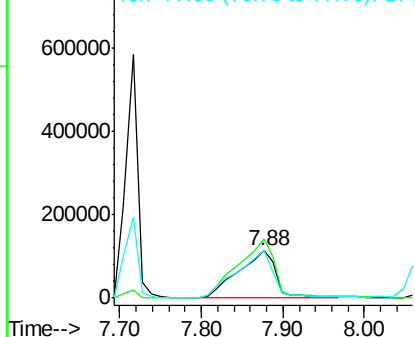


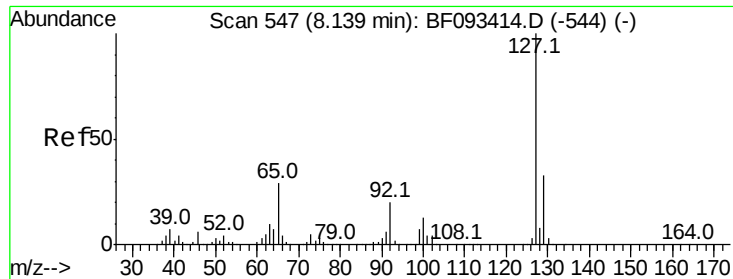
#32
Benzoic acid
Concen: 61.55 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

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

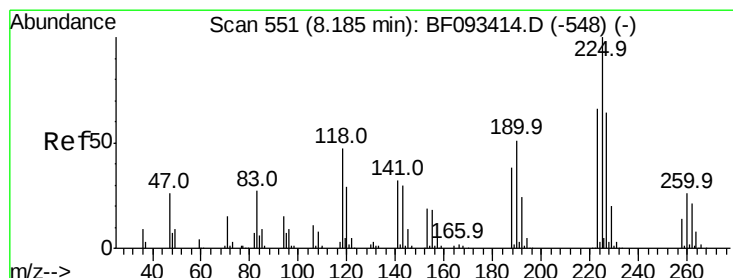
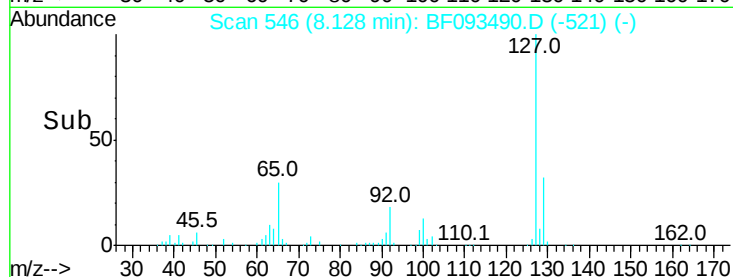
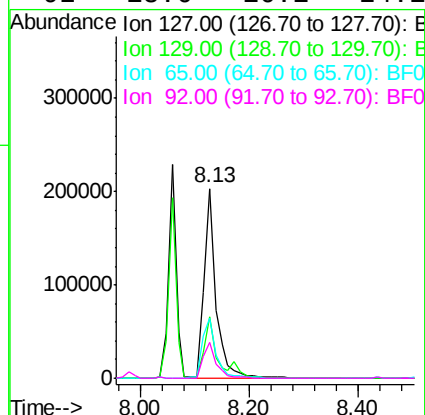
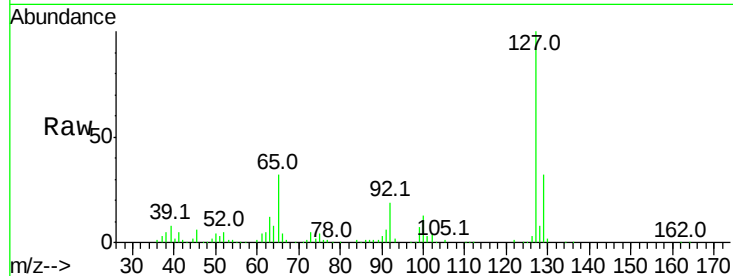




#33
4-Chloroaniline
Concen: 20.59 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

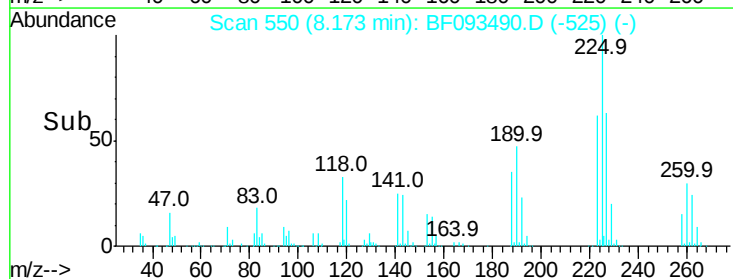
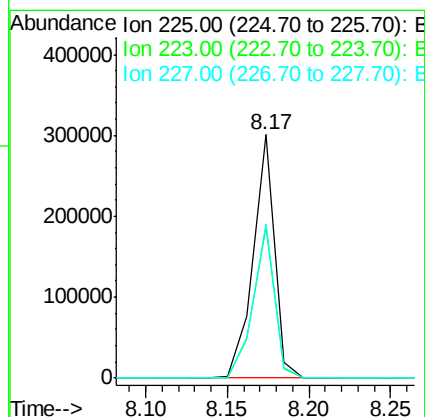
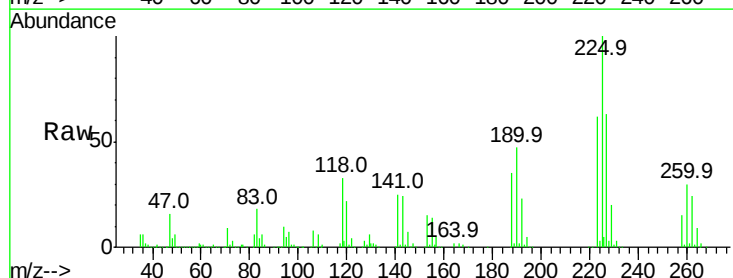
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

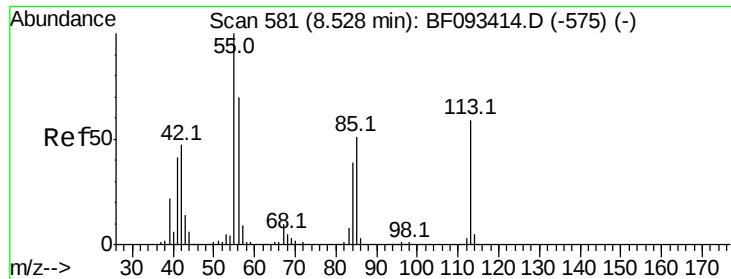
Tot Ion:	127	Resp:	308688
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	31.7	25.8	38.8
92	18.6	16.1	24.1



#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

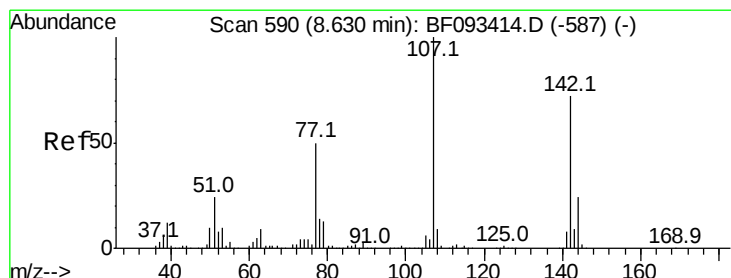
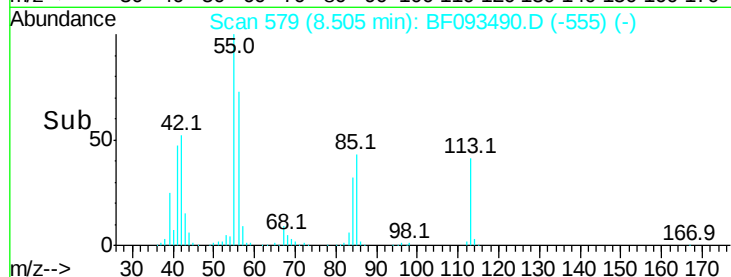
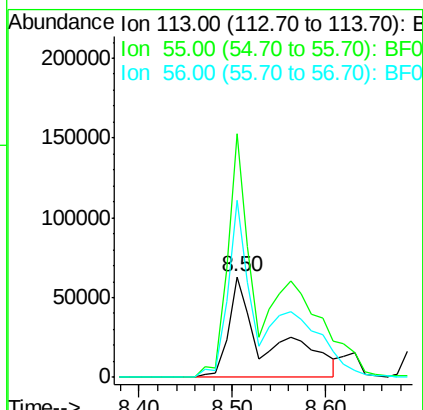
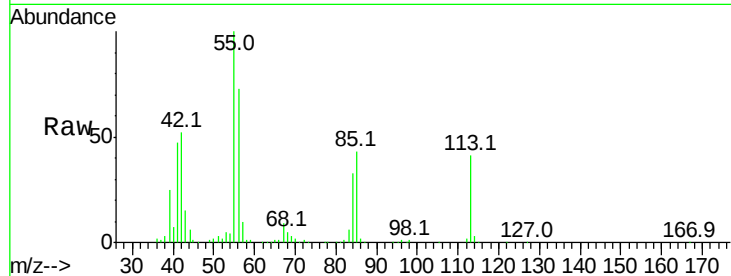




#35
 Caprolactam
 Concen: 52.78 ng/ml
 RT: 8.50 min Scan# 579
 Delta R.T. -0.02 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

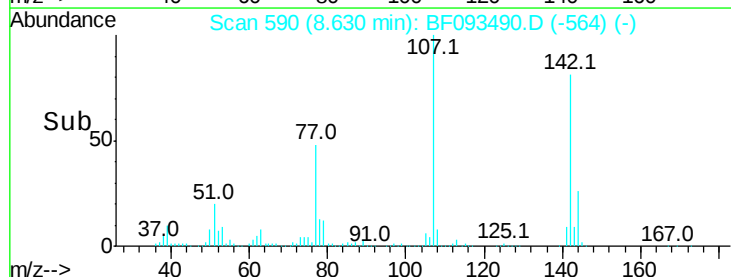
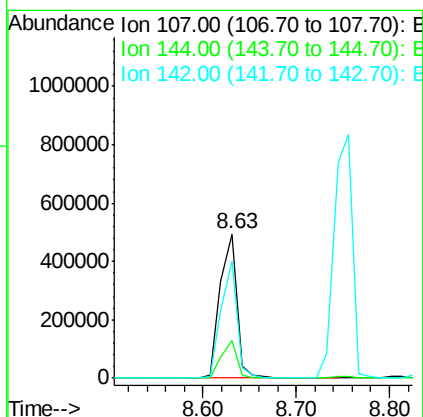
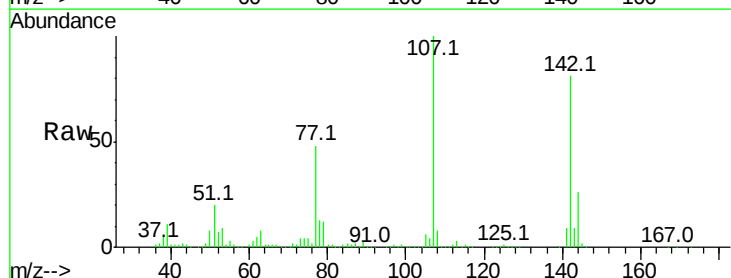
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

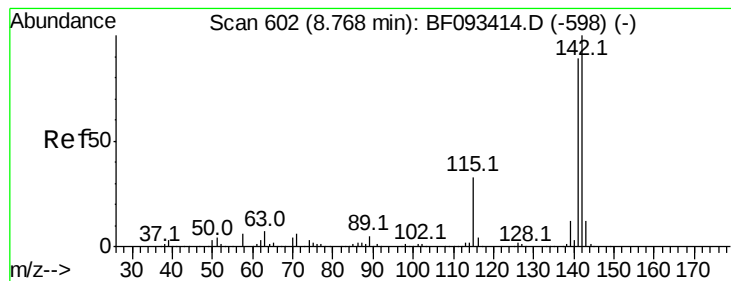
Tot Ion:113 Resp: 187900
 Ion Ratio Lower Upper
 113 100
 55 242.1 119.2 159.2#
 56 176.3 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 55.60 ng/ml
 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





#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

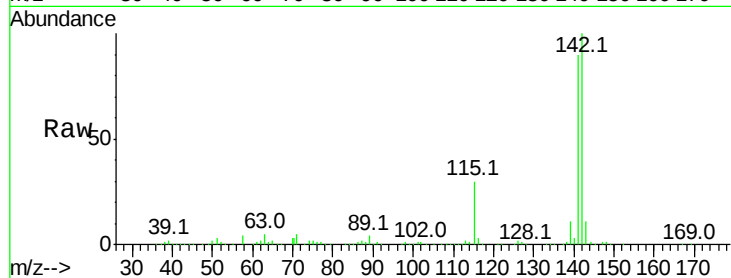
Tot Ion:142 Resp: 1153039

Ion Ratio Lower Upper

142 100

141 89.8 71.0 106.6

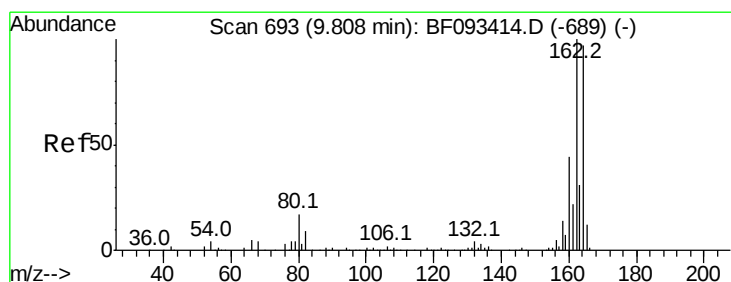
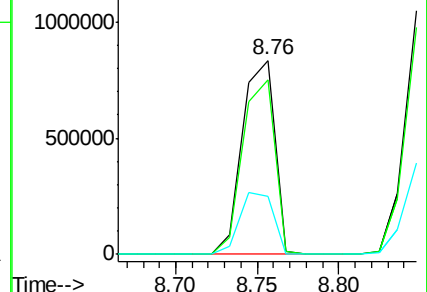
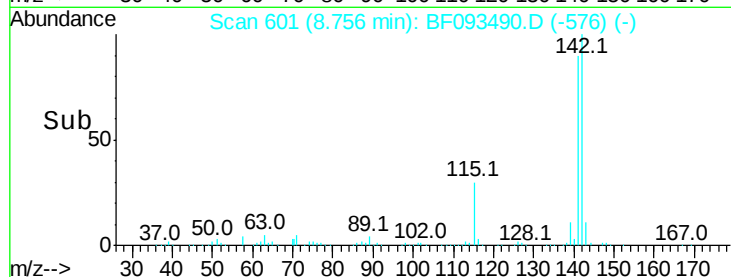
115 30.2 28.3 42.5



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

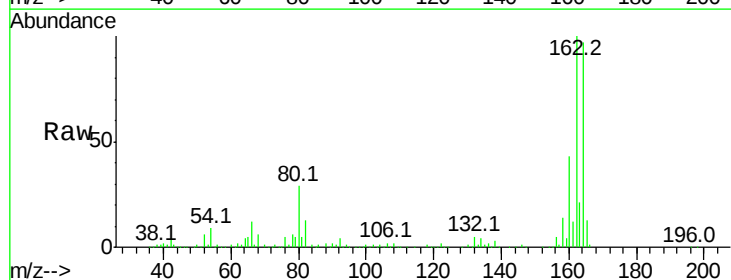
Tgt Ion:164 Resp: 338544

Ion Ratio Lower Upper

164 100

162 103.5 80.2 120.2

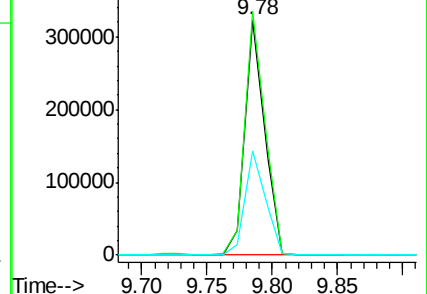
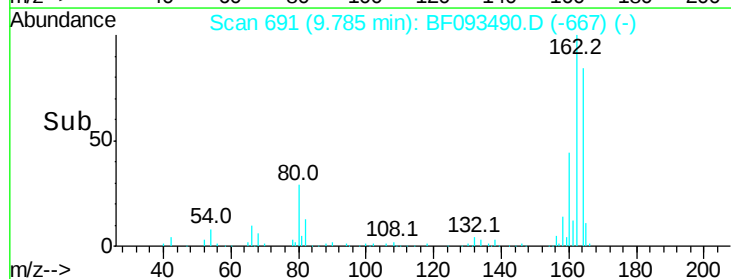
160 44.5 36.9 55.3

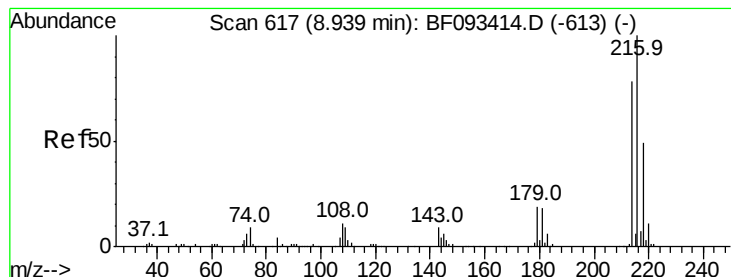


Abundance Ion 164.00 (163.70 to 164.70): E

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

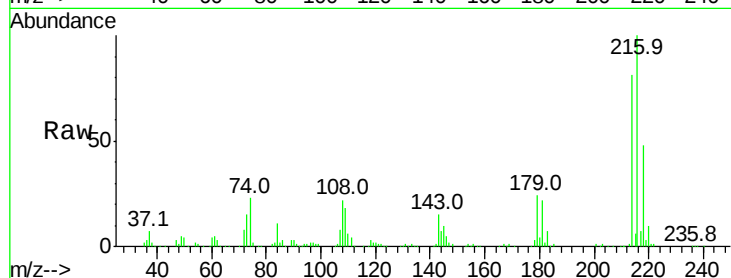
Ion Ratio Lower Upper

216 100

214 80.6 63.4 95.0

179 22.1 17.4 26.2

108 22.8 15.6 23.4

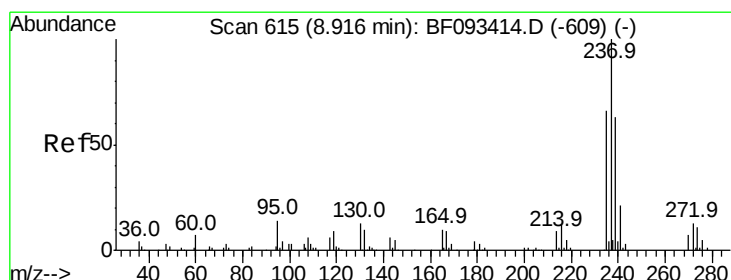
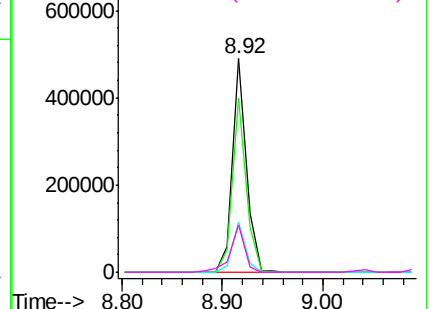
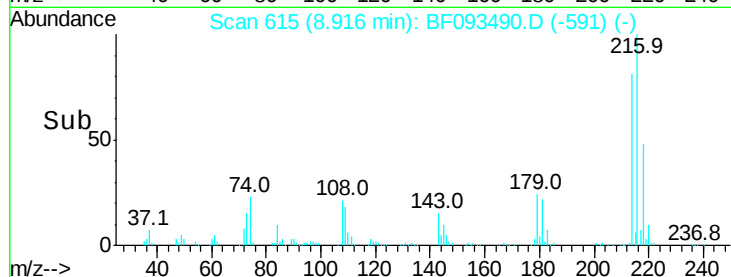


Abundance Ion 216.00 (215.70 to 216.70): E

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

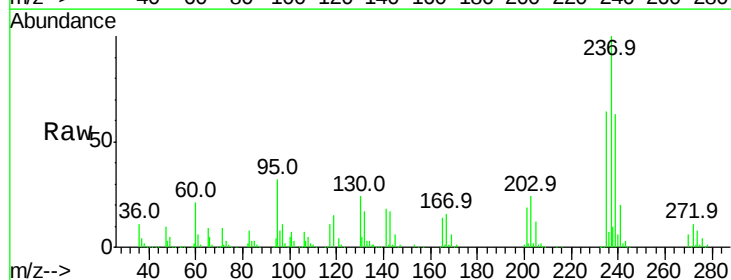
Tgt Ion:237 Resp: 224488

Ion Ratio Lower Upper

237 100

235 63.8 41.2 81.2

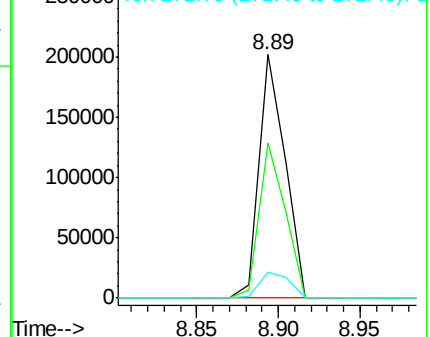
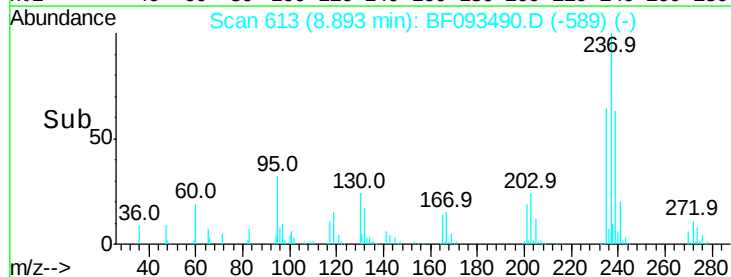
272 10.7 0.0 35.4

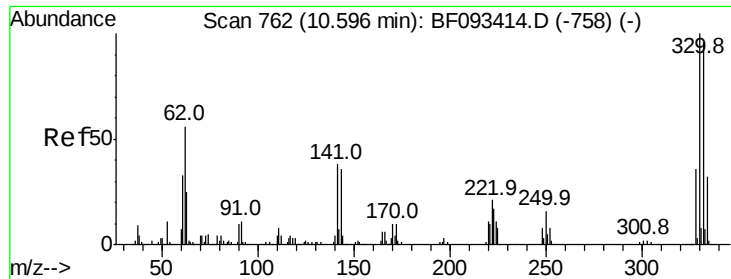


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

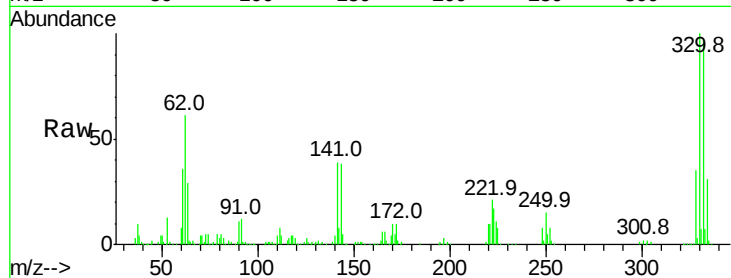




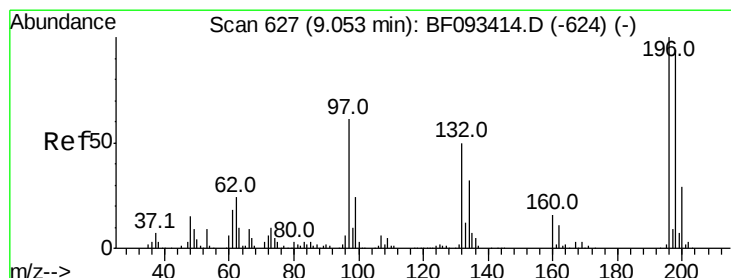
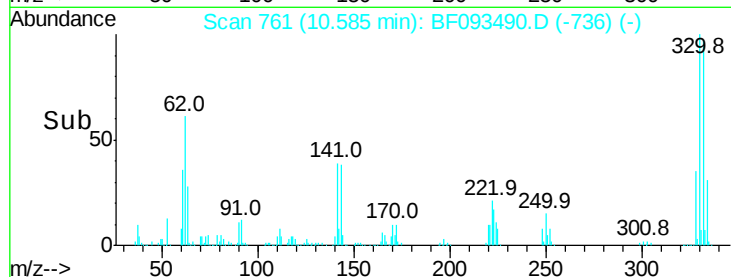
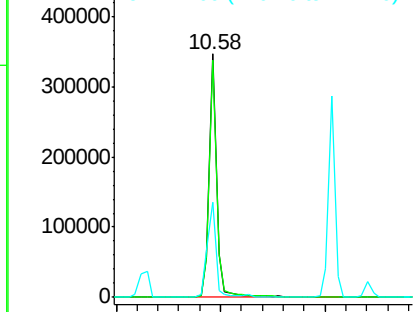
#41
 2,4,6-Tribromophenol
 Concen: 159.32 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

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

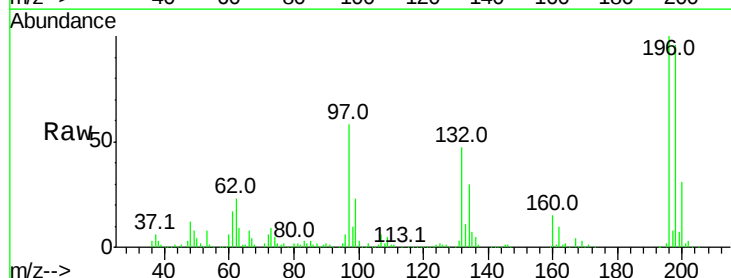


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

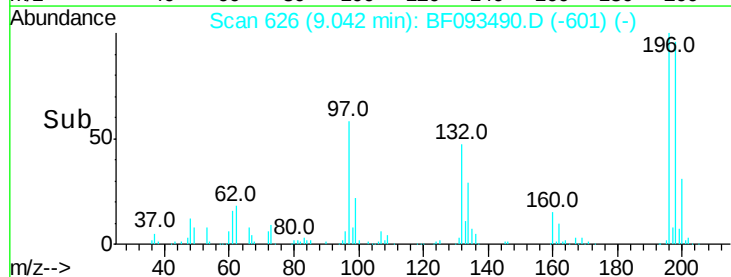
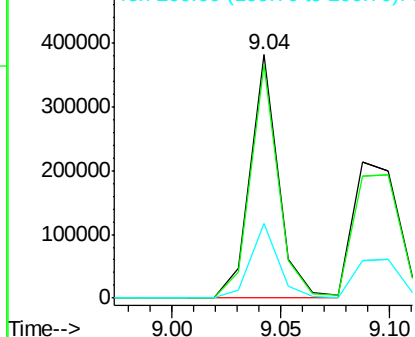


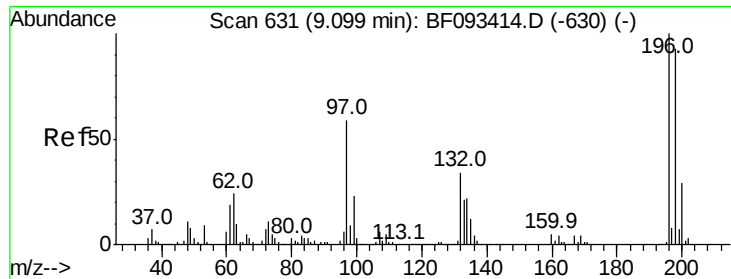
#42
 2,4,6-Trichlorophenol
 Concen: 59.52 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

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

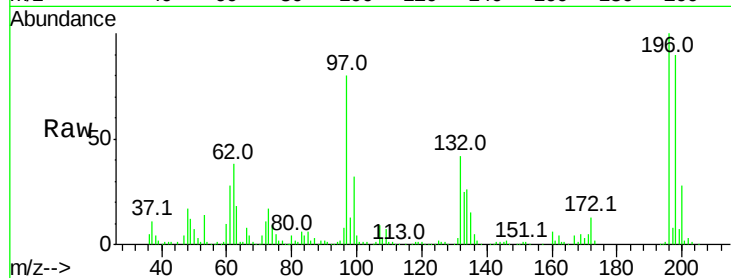




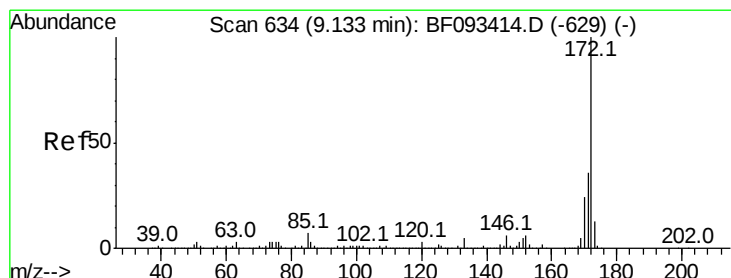
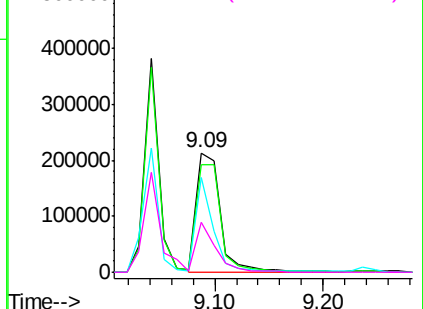
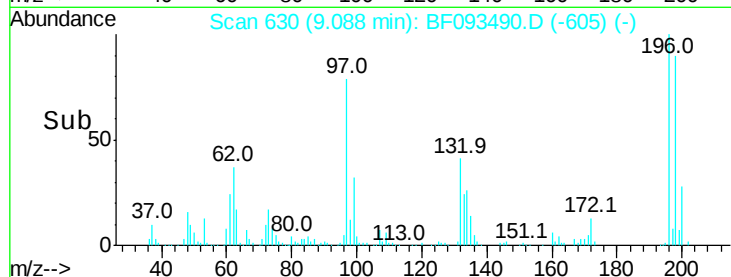
#43
 2,4,5-Trichlorophenol
 Concen: 52.78 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

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#

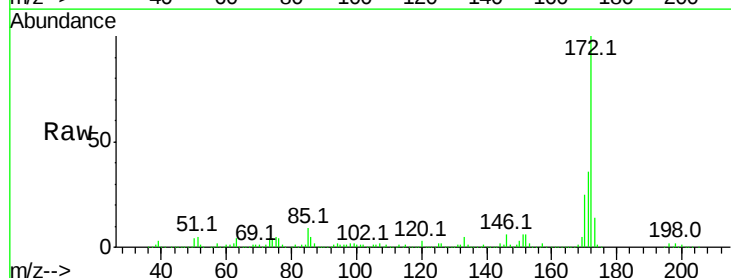


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

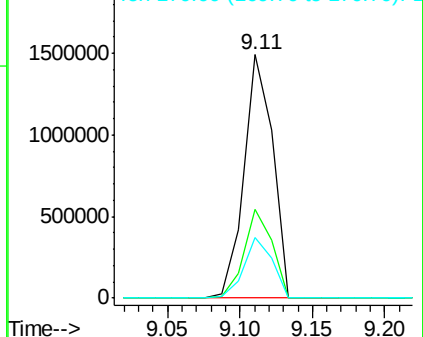
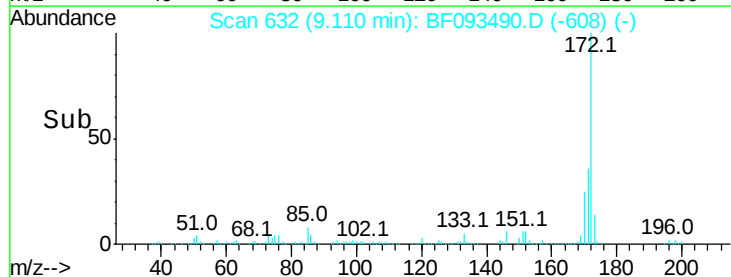


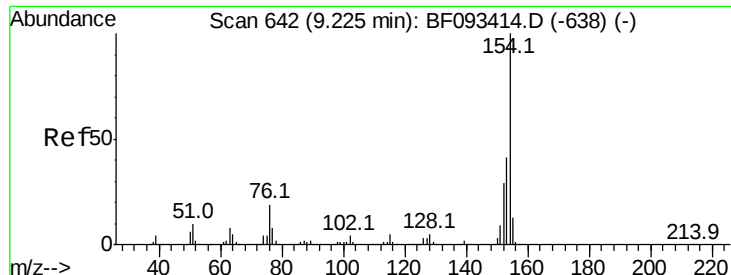
#44
 2-Fluorobiphenyl
 Concen: 112.07 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

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

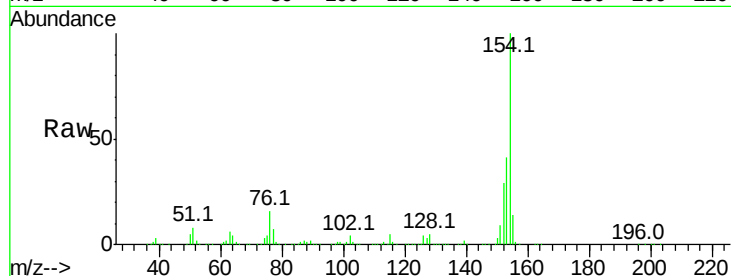




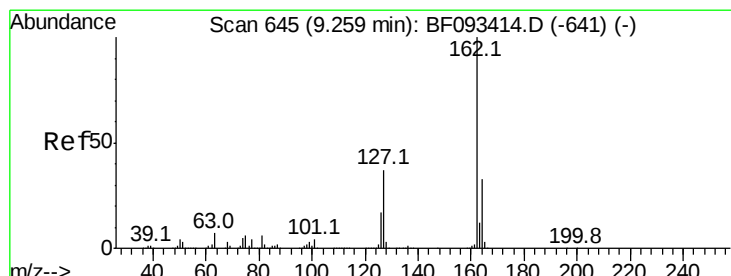
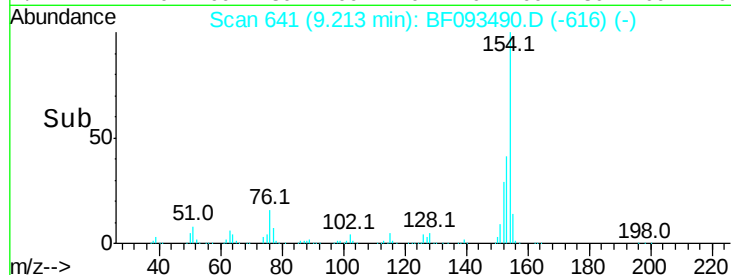
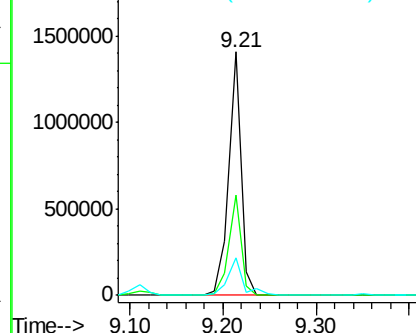
#45
 1,1'-Biphenyl
 Concen: 52.49 ng
 RT: 9.21 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

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

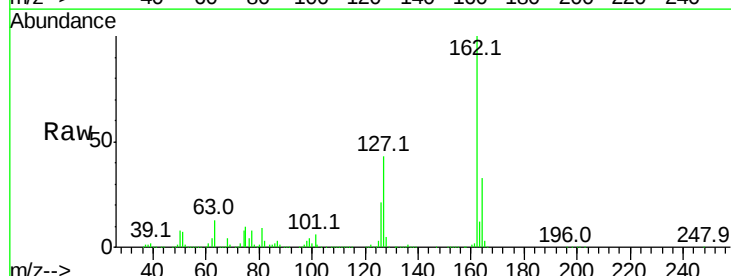


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

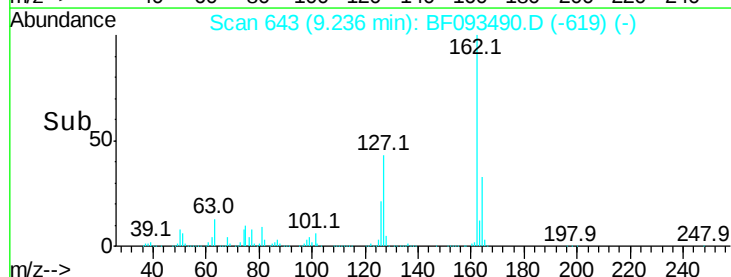
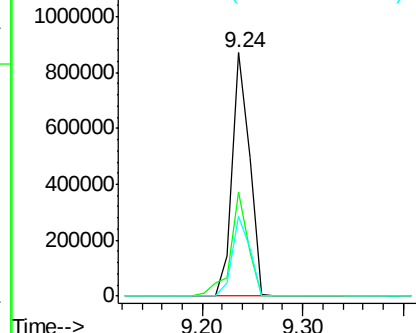


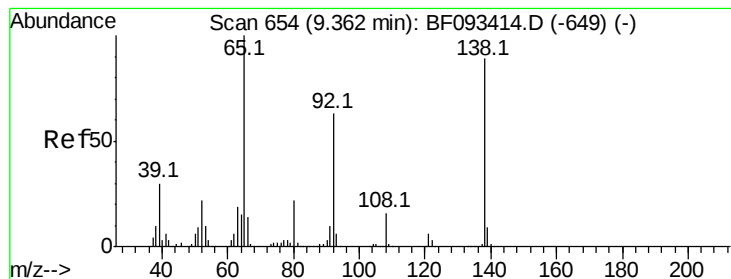
#46
 2-Chloronaphthalene
 Concen: 55.53 ng
 RT: 9.24 min Scan# 643
 Delta R.T. -0.02 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

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

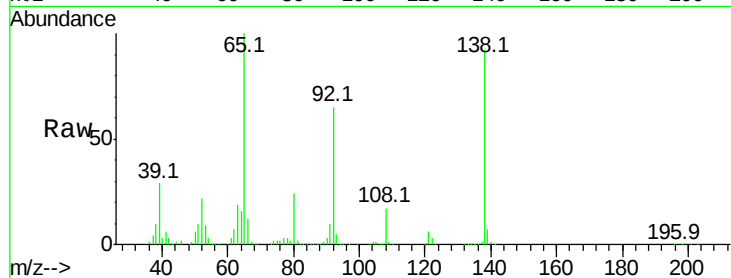
Tot Ion: 65 Resp: 437049

Ion Ratio Lower Upper

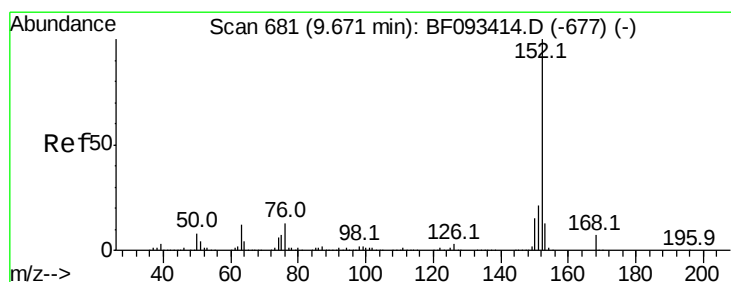
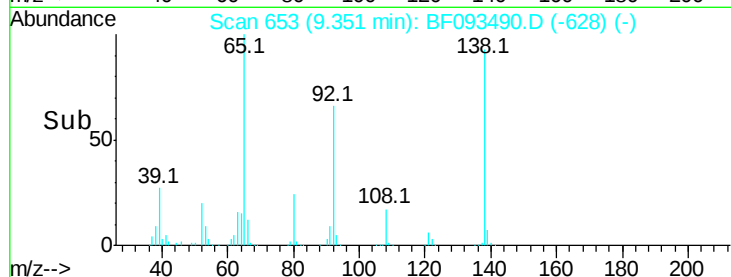
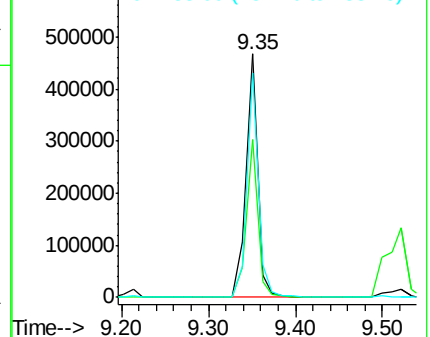
65 100

92 65.0 53.9 80.9

138 92.4 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#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

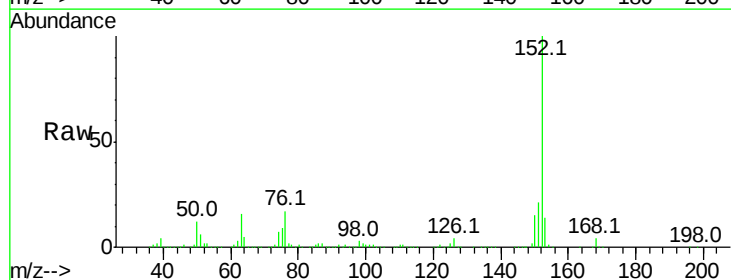
Tgt Ion: 152 Resp: 1571886

Ion Ratio Lower Upper

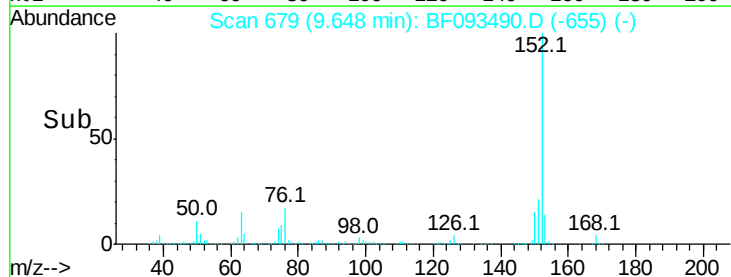
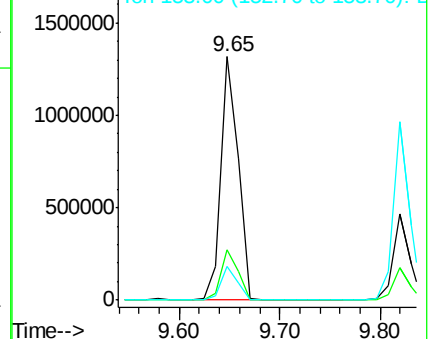
152 100

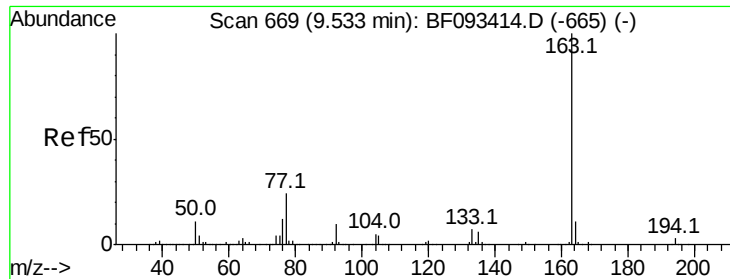
151 20.7 16.9 25.3

153 13.9 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#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

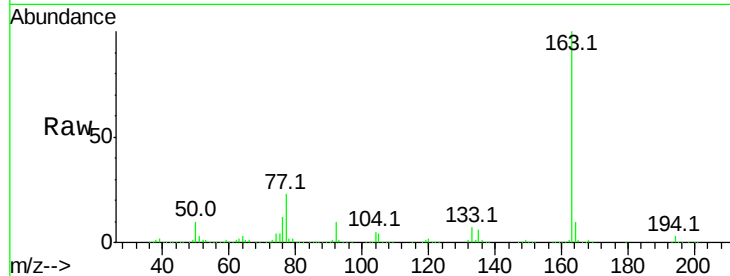
Tot Ion:163 Resp: 1451527

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

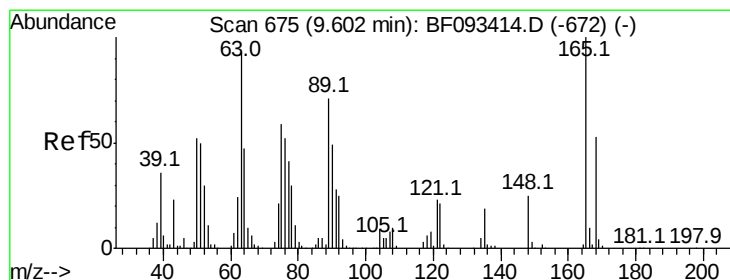
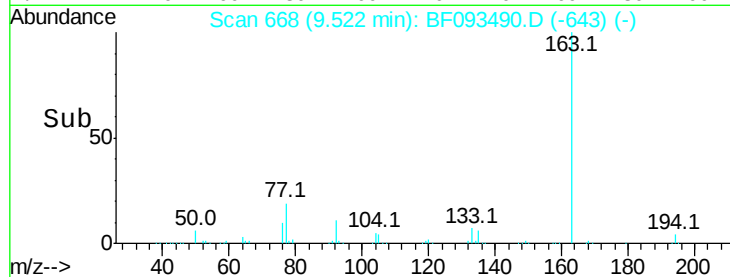
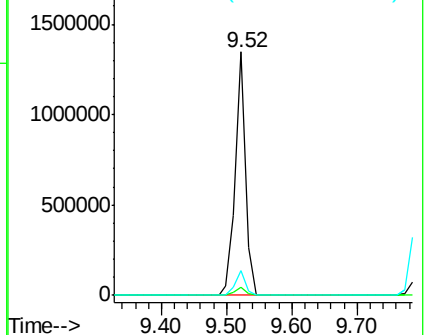
164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 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

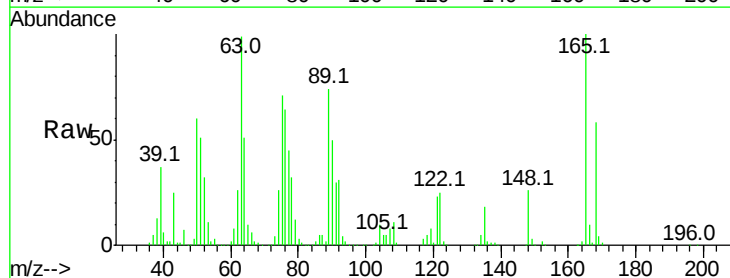
Tgt Ion:165 Resp: 238732

Ion Ratio Lower Upper

165 100

63 99.2 36.2 54.4#

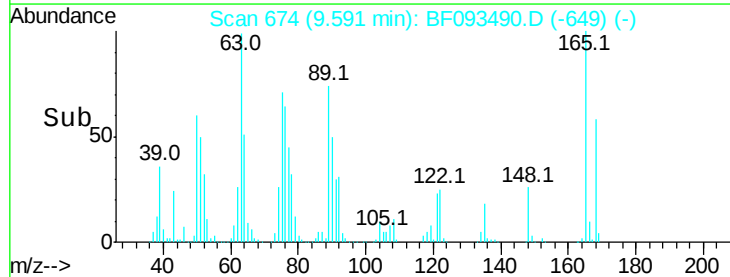
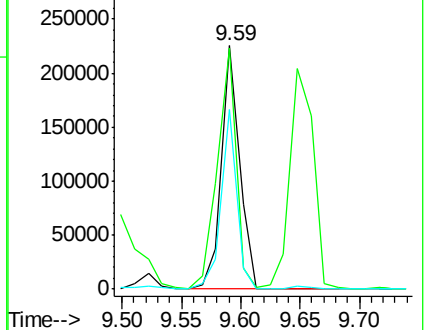
89 73.9 40.2 60.4#

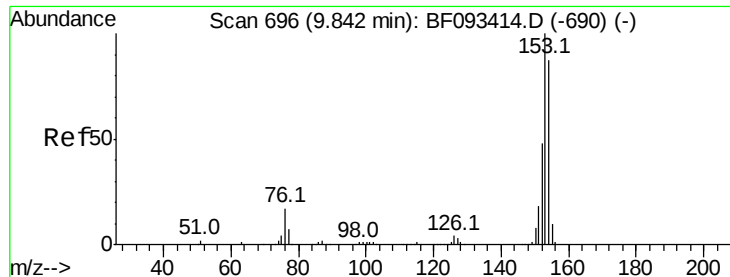


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 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

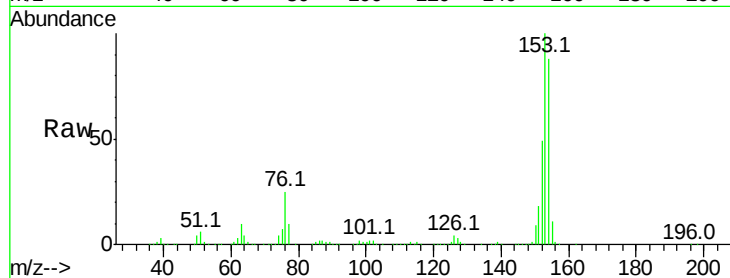
Tot Ion:154 Resp: 931123

Ion Ratio Lower Upper

154 100

153 114.0 88.6 133.0

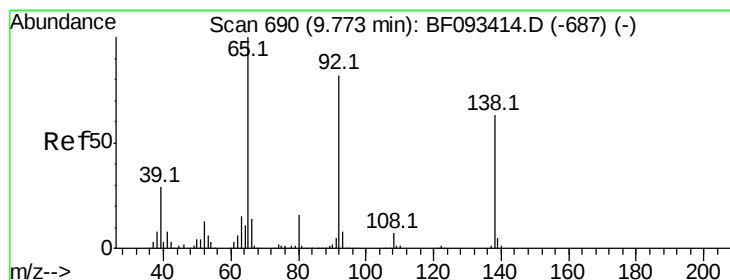
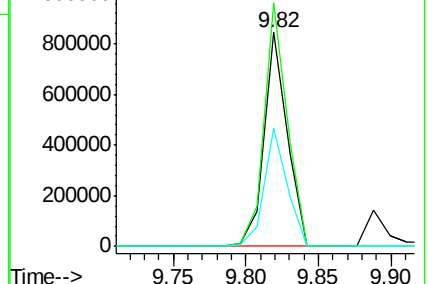
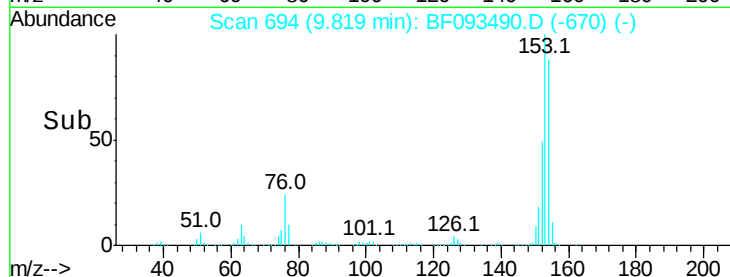
152 55.5 41.6 62.4



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

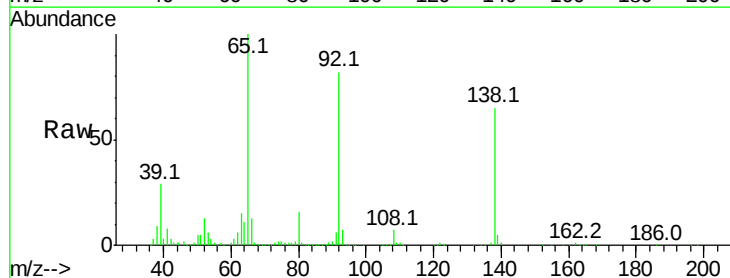
Tgt Ion:138 Resp: 195404

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

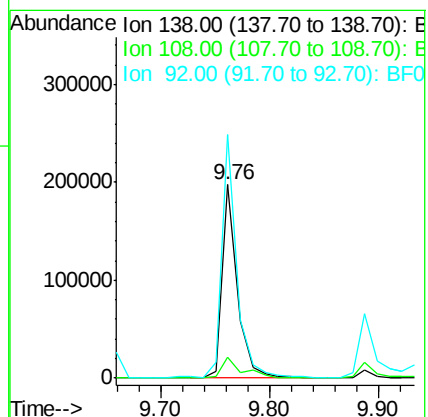
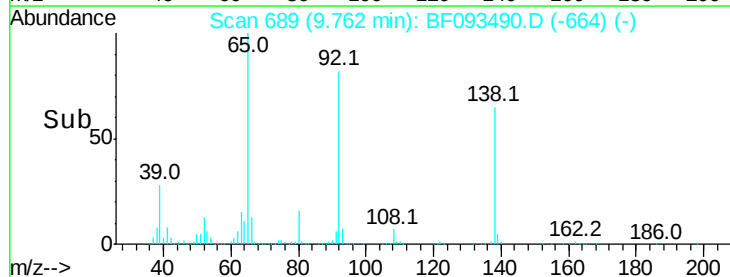
92 125.9 97.8 146.8

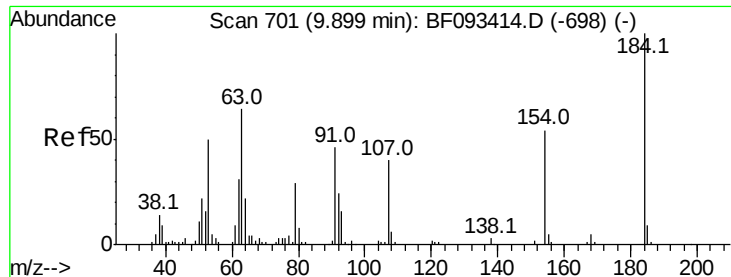


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

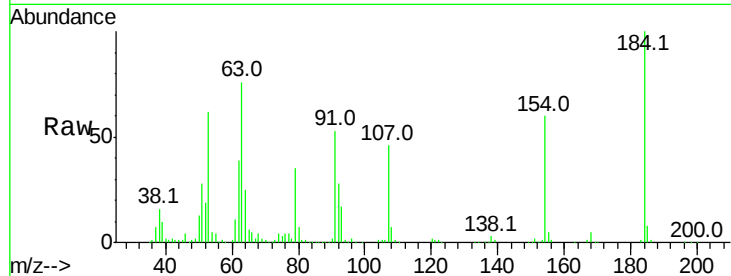




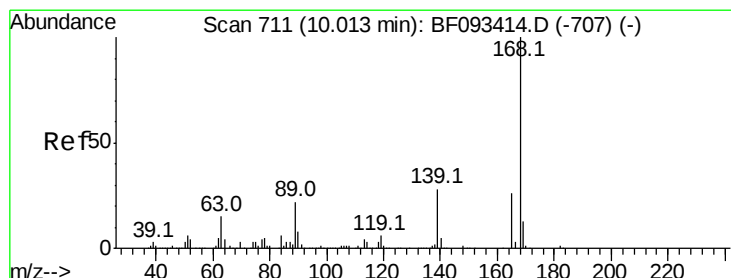
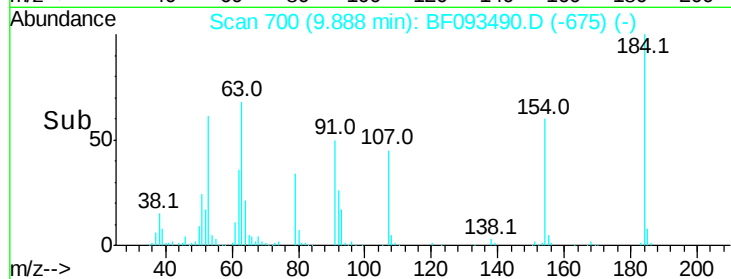
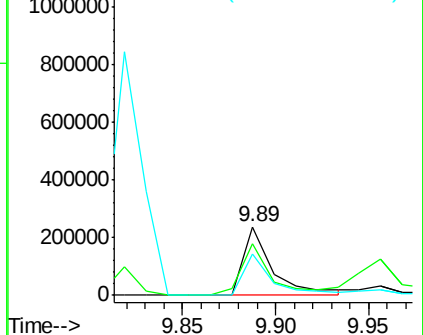
#53
2,4-Dinitrophenol
Concen: 117.34 ng
RT: 9.89 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

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

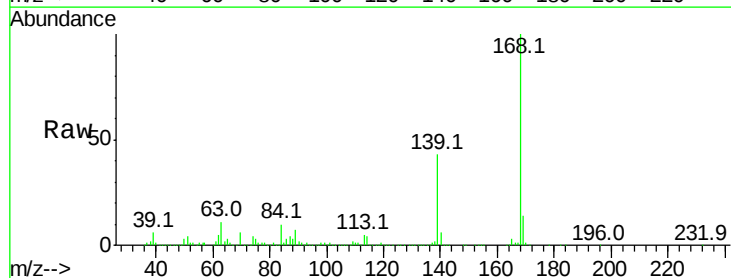


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

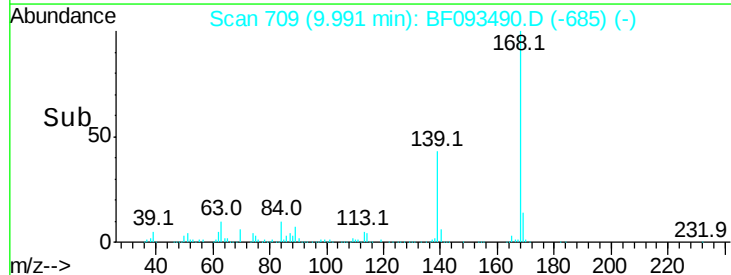
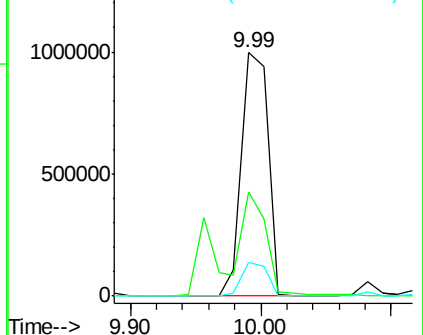


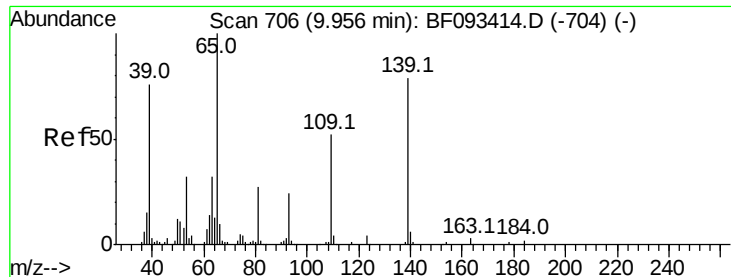
#54
Dibenzofuran
Concen: 61.10 ng
RT: 9.99 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

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



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

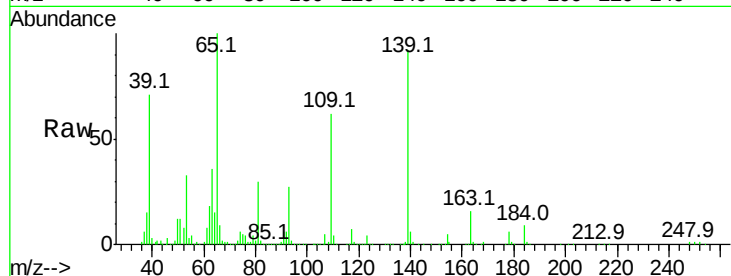




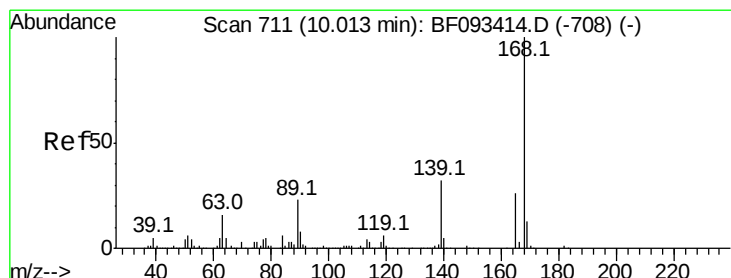
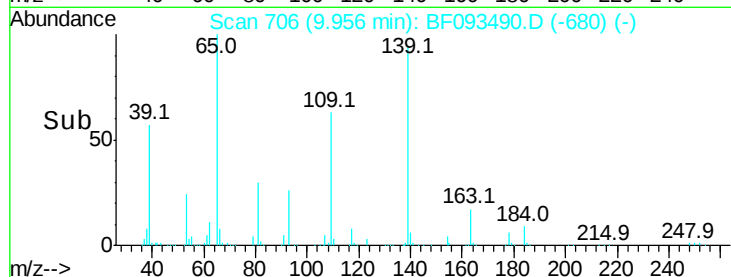
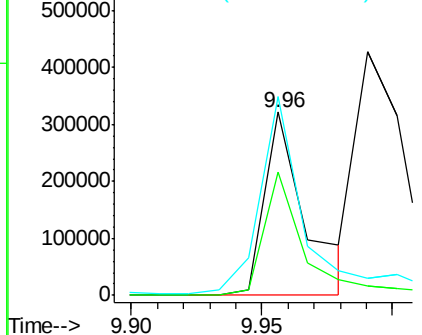
#55
4-Nitrophenol
Concen: 122.82 ng
RT: 9.96 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

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

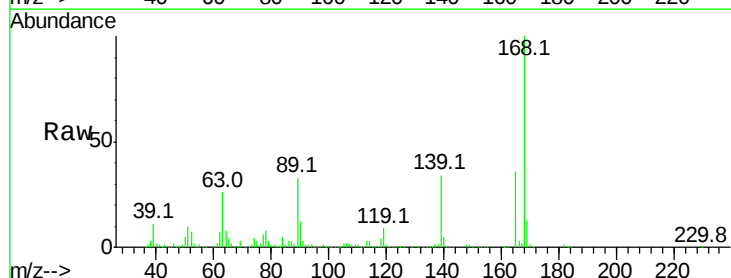


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

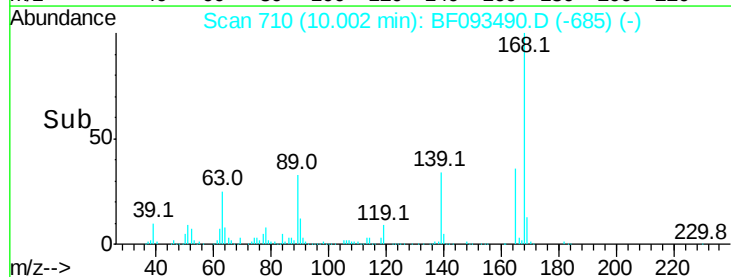
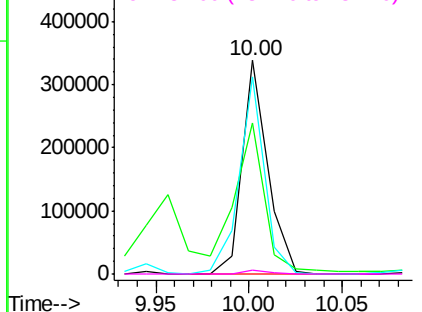


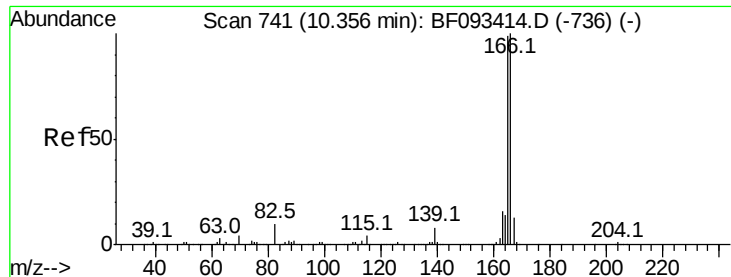
#56
2,4-Dinitrotoluene
Concen: 53.67 ng
RT: 10.00 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

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



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BFO
Ion 89.00 (88.70 to 89.70): BFO
Ion 182.00 (181.70 to 182.70): E

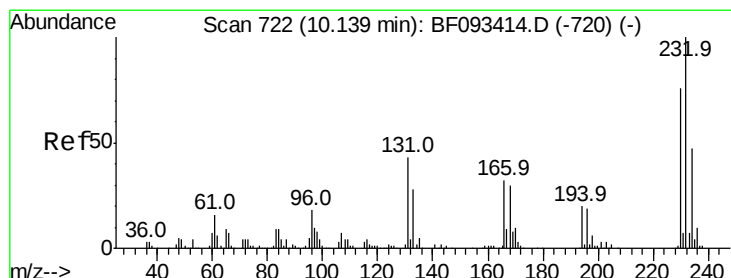
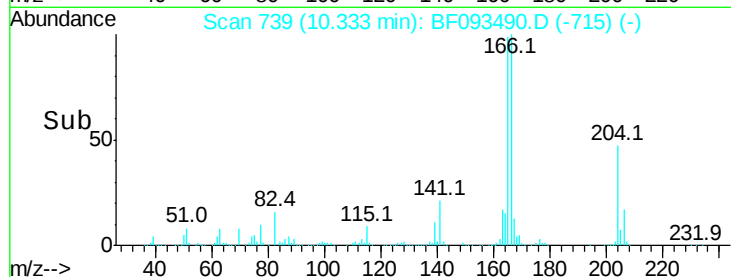
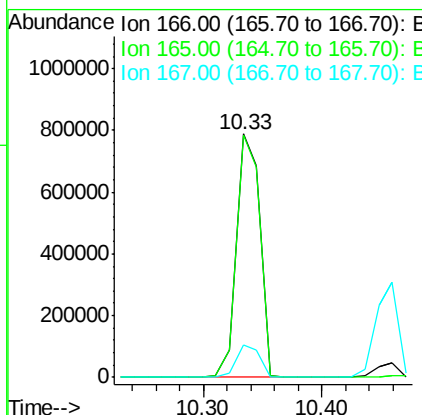
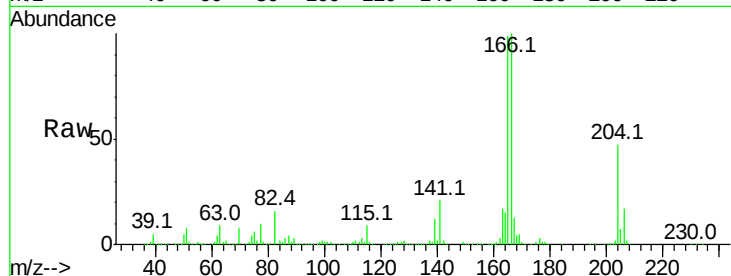




#57
 Fluorene
 Concen: 55.51 ng
 RT: 10.33 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

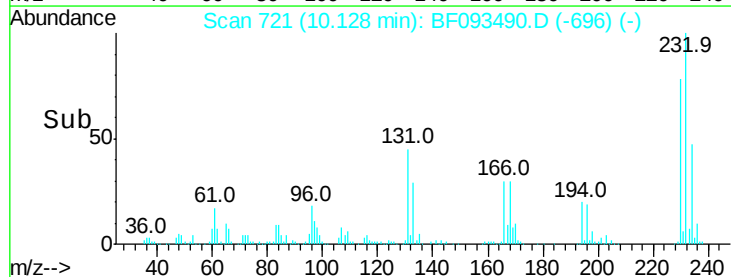
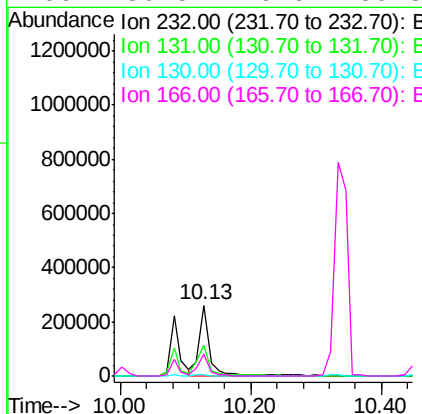
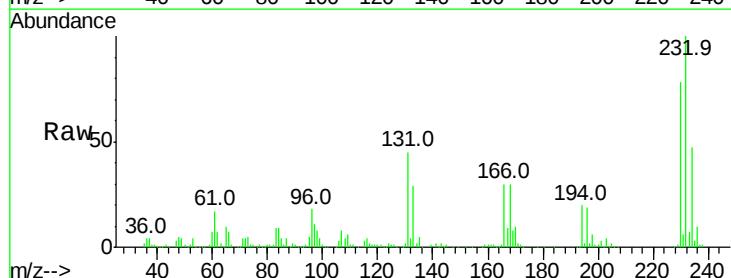
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

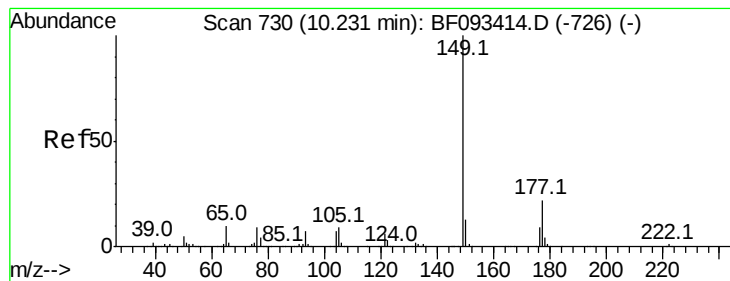
Tot Ion:166 Resp: 1083871
 Ion Ratio Lower Upper
 166 100
 165 99.4 77.8 116.8
 167 13.5 10.8 16.2



#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





#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

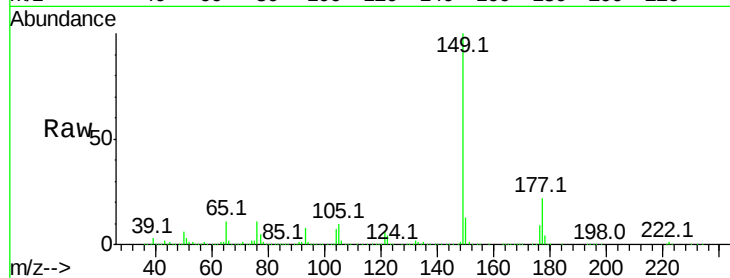
Tot Ion:149 Resp: 1177996

Ion Ratio Lower Upper

149 100

177 22.1 16.6 25.0

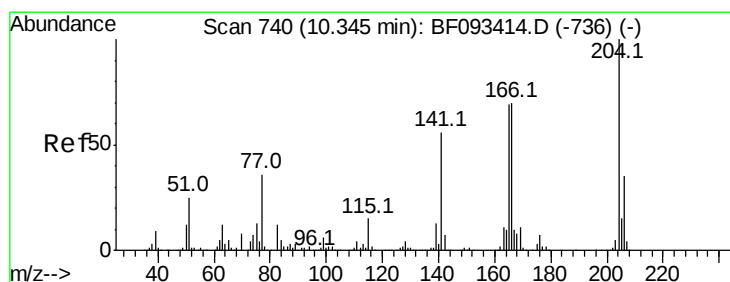
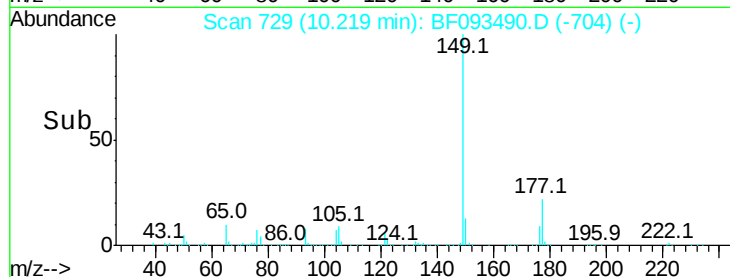
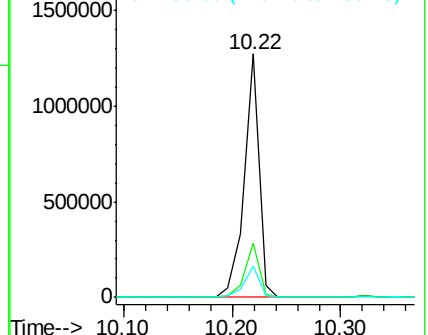
150 13.0 10.4 15.6



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

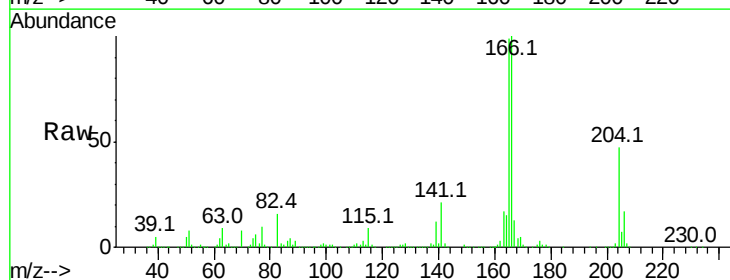
Tgt Ion:204 Resp: 492304

Ion Ratio Lower Upper

204 100

206 35.0 25.8 38.6

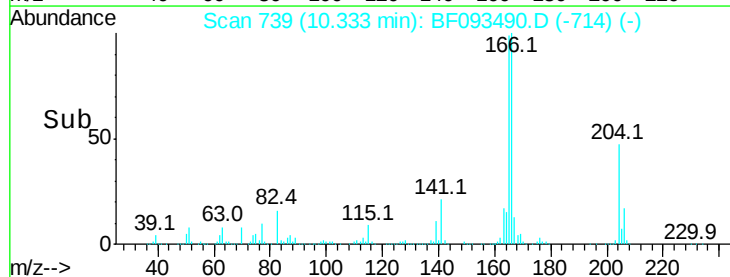
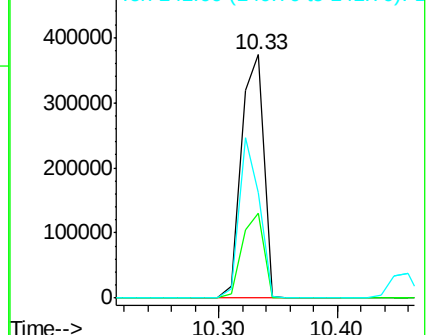
141 43.4 59.4 89.0#

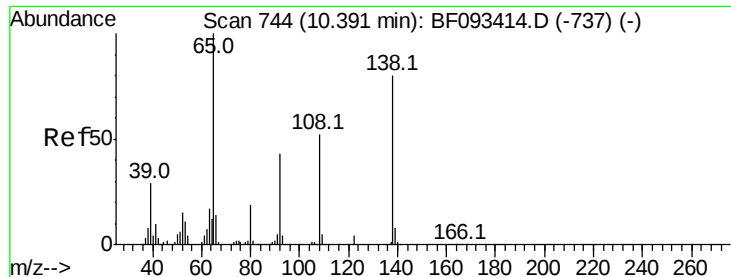


Abundance Ion 204.00 (203.70 to 204.70): E

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

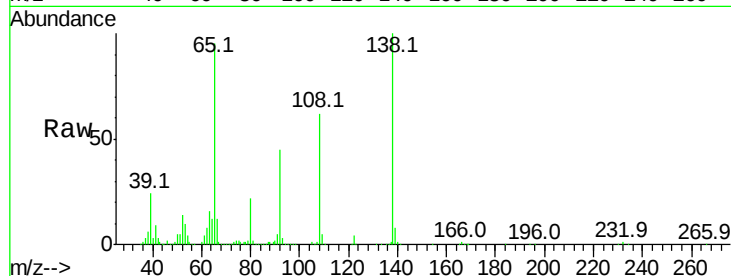
Tot Ion:138 Resp: 341269

Ion Ratio Lower Upper

138 100

92 44.7 31.7 71.7

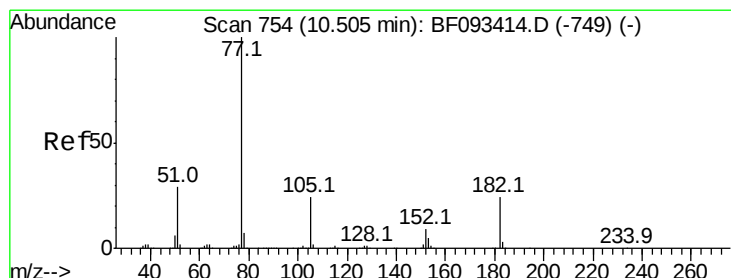
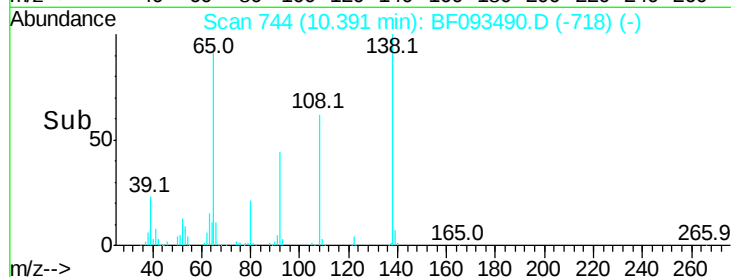
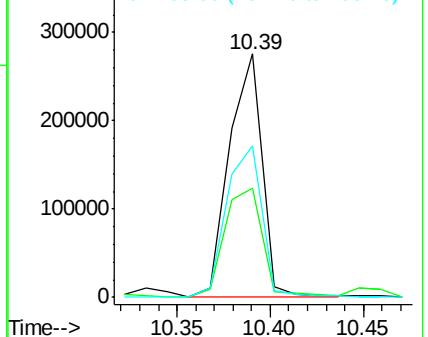
108 62.3 52.6 92.6



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

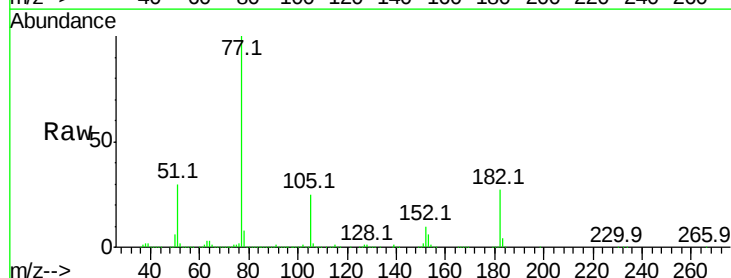
Ion Ratio Lower Upper

77 100

182 26.8 0.0 39.3

105 25.0 2.3 42.3

51 29.5 8.9 48.9

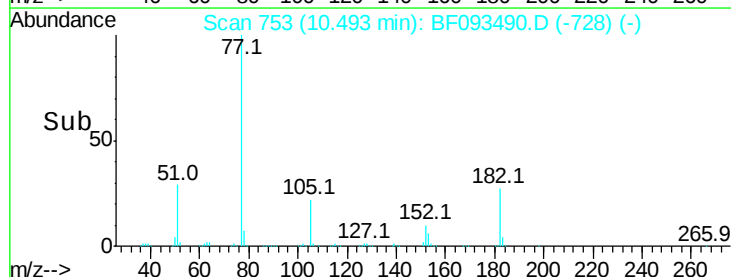
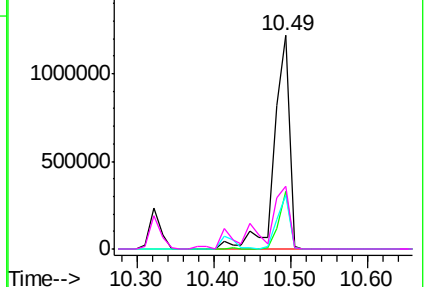


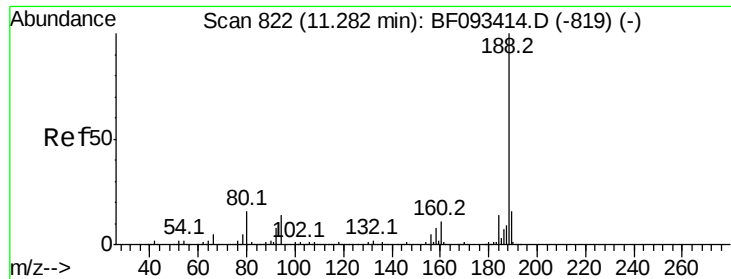
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

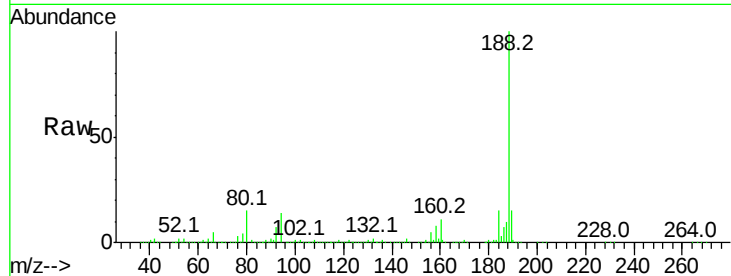




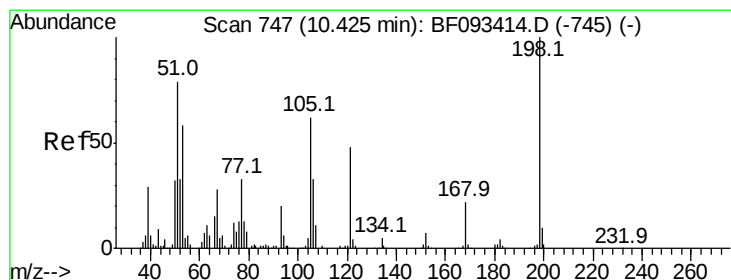
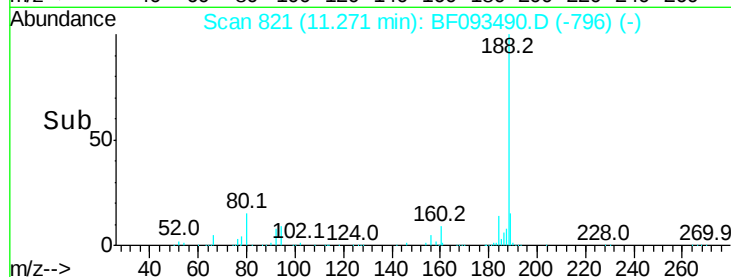
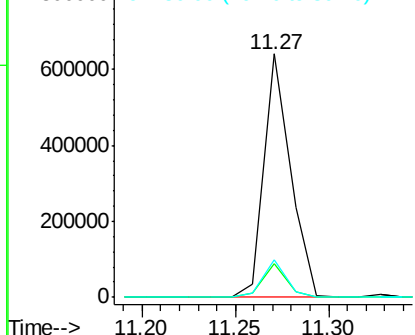
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

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

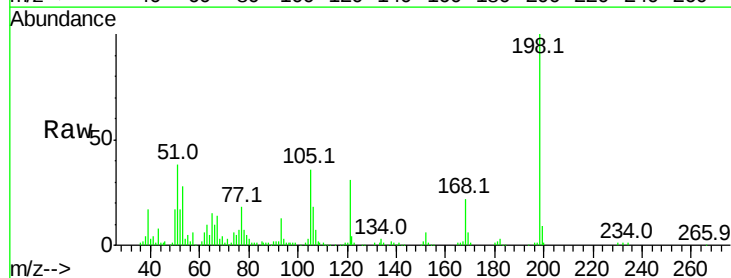


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

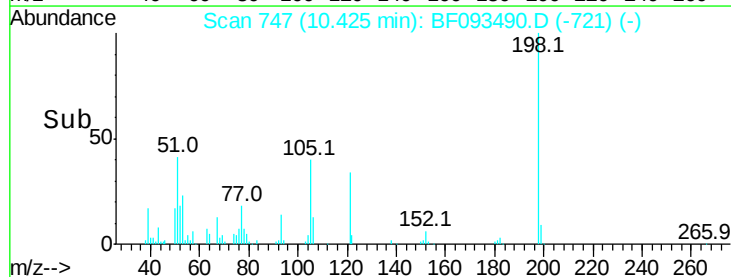
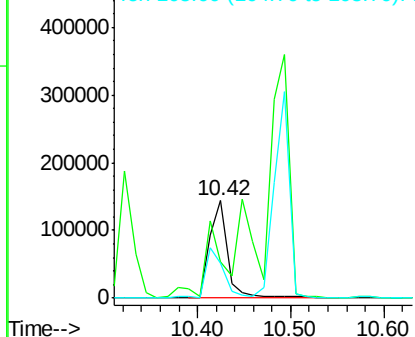


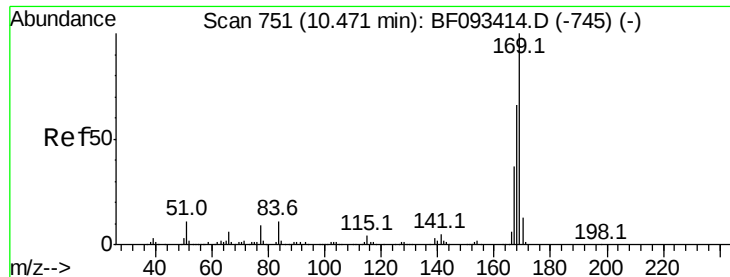
#64
4,6-Dinitro-2-methylphenol
Concen: 48.01 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

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





#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

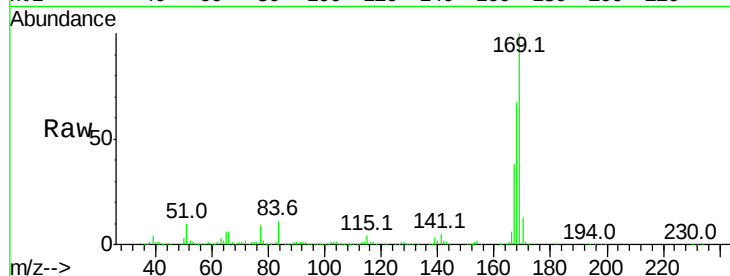
Tot Ion:169 Resp: 1037465

Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.2

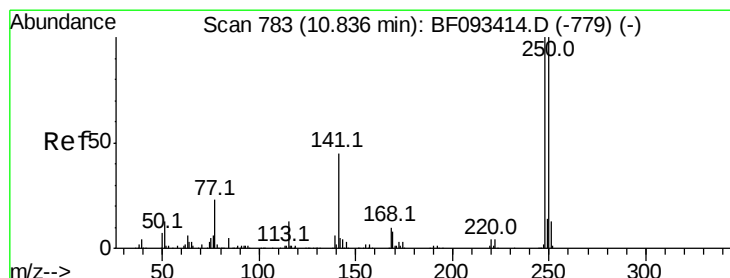
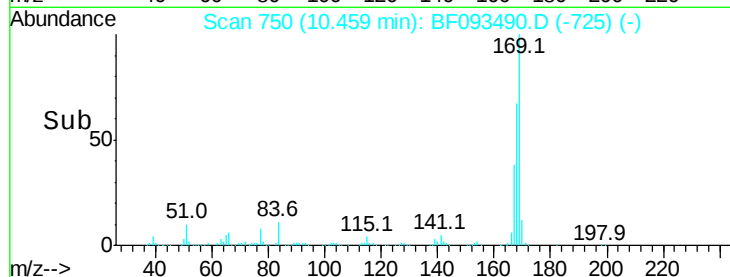
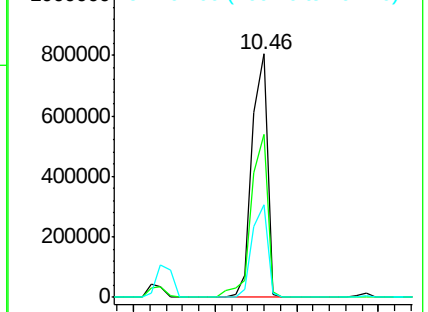
167 38.0 30.2 45.4



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

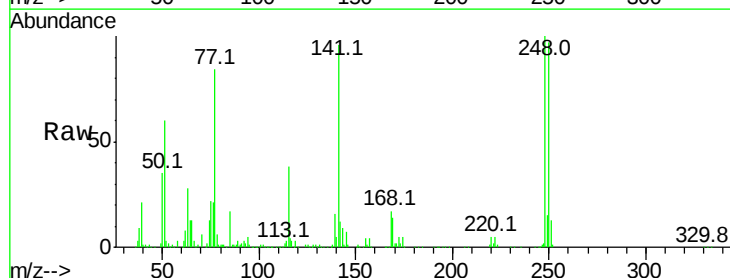
Tgt Ion:248 Resp: 286820

Ion Ratio Lower Upper

248 100

250 96.8 76.9 115.3

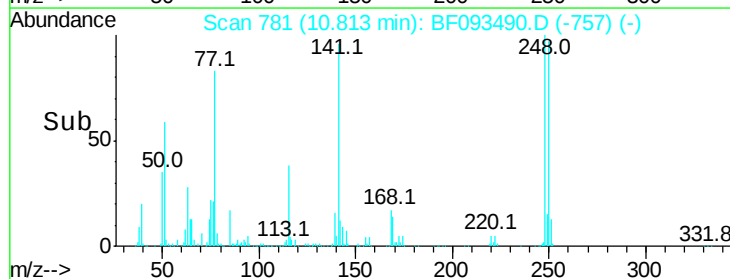
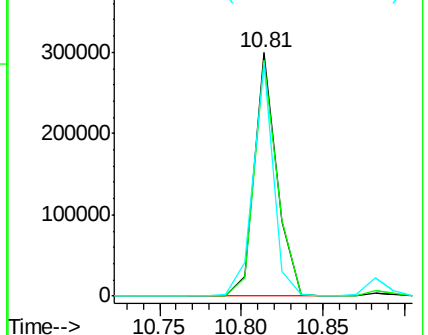
141 95.7 68.2 102.4

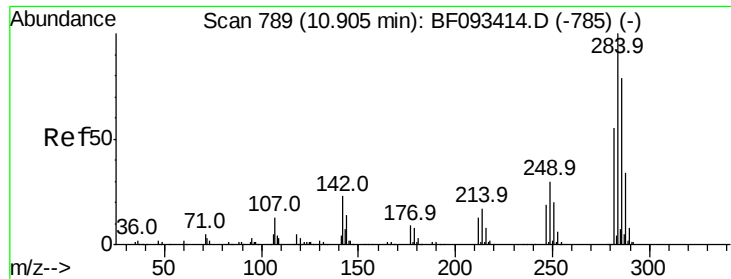


Abundance Ion 248.00 (247.70 to 248.70): E

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

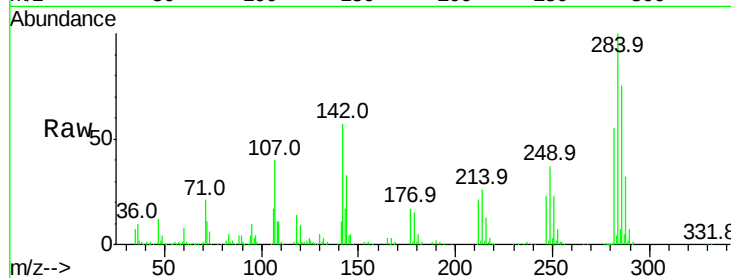
Tot Ion:284 Resp: 295926

Ion Ratio Lower Upper

284 100

142 57.4 22.6 33.8#

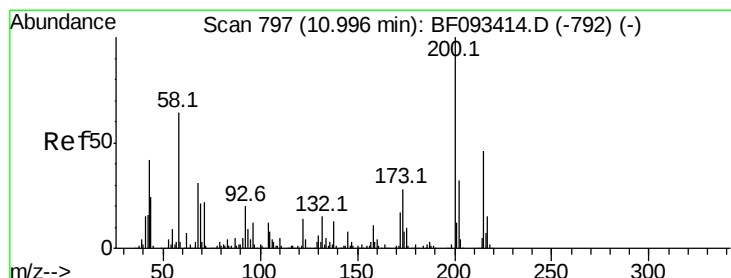
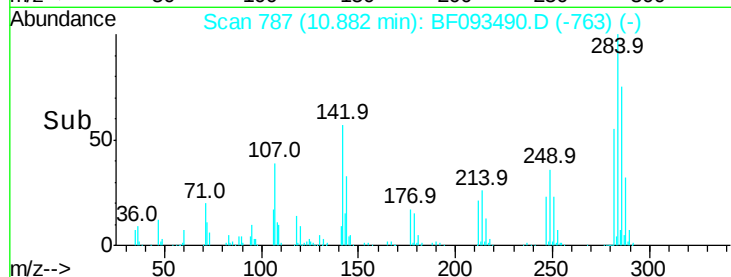
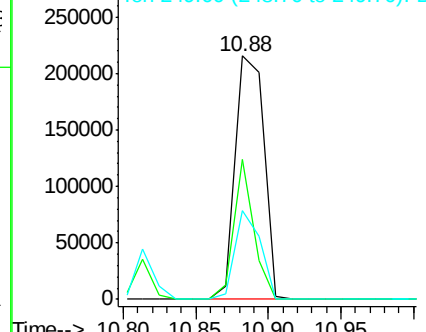
249 36.6 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#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

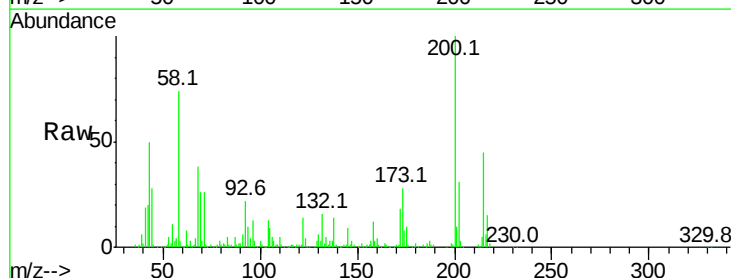
Tgt Ion:200 Resp: 289244

Ion Ratio Lower Upper

200 100

173 28.5 9.6 49.6

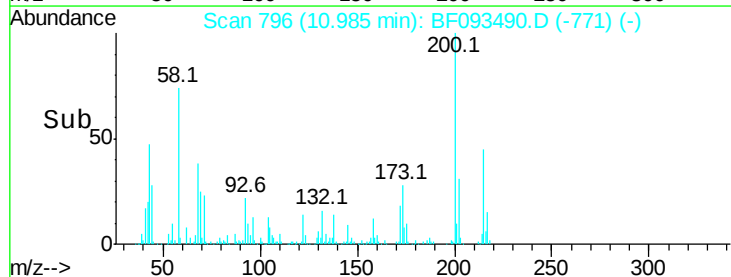
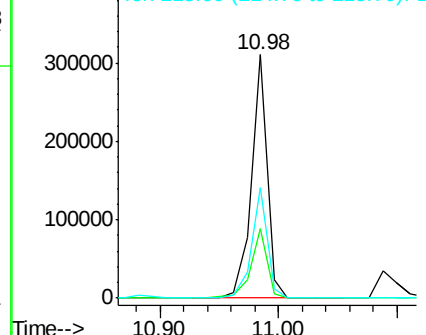
215 45.5 25.7 65.7

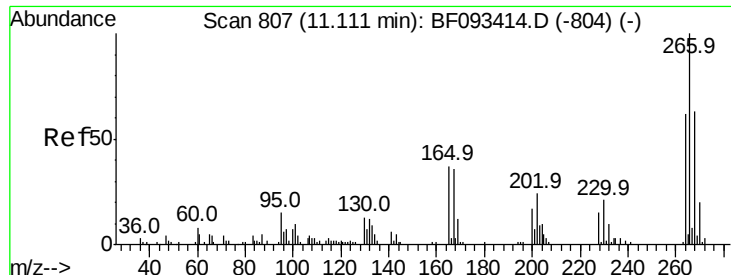


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

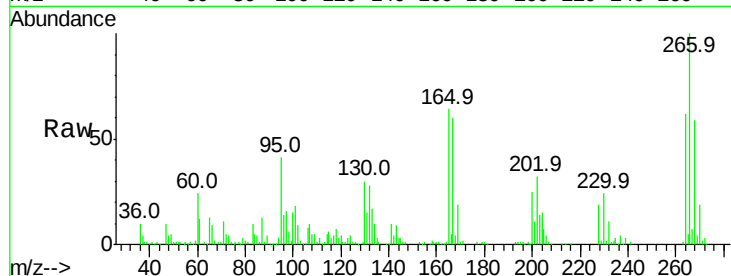




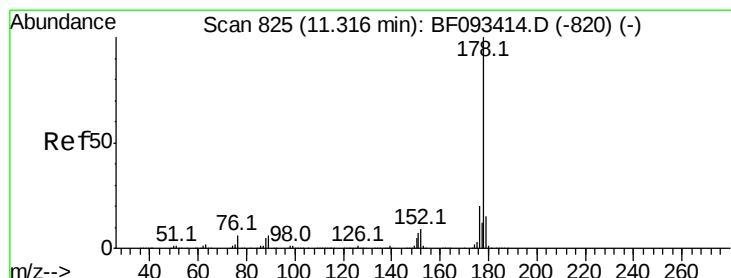
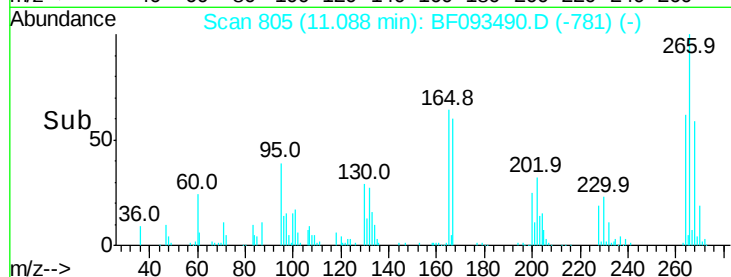
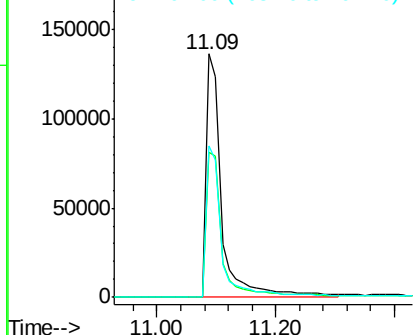
#69
 Pentachlorophenol
 Concen: 114.26 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

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

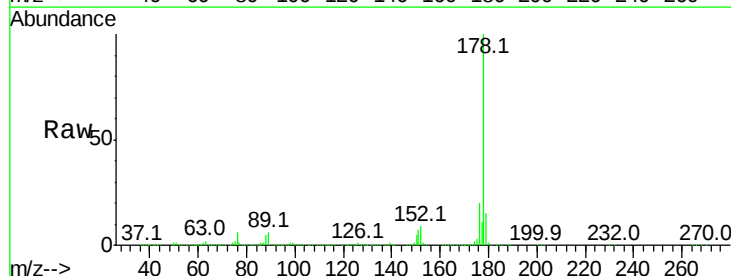


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

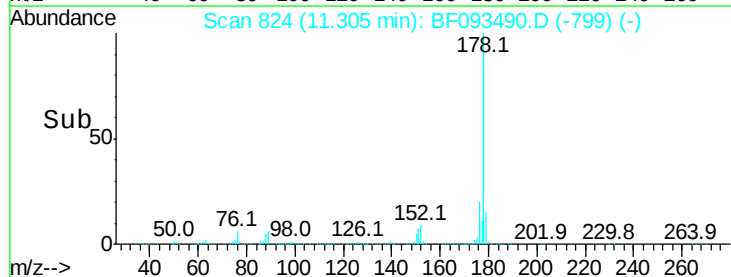
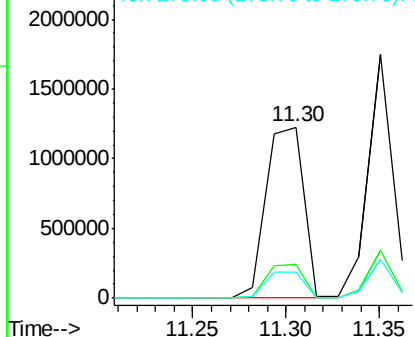


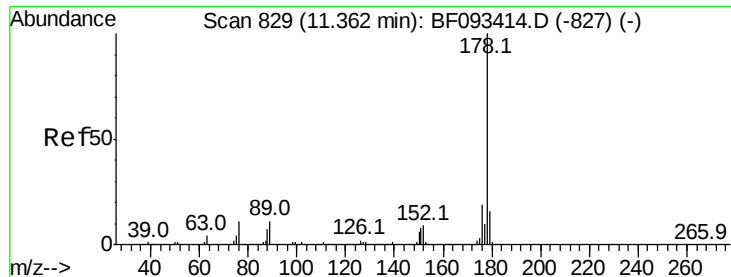
#70
 Phenanthrene
 Concen: 47.66 ng
 RT: 11.30 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

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

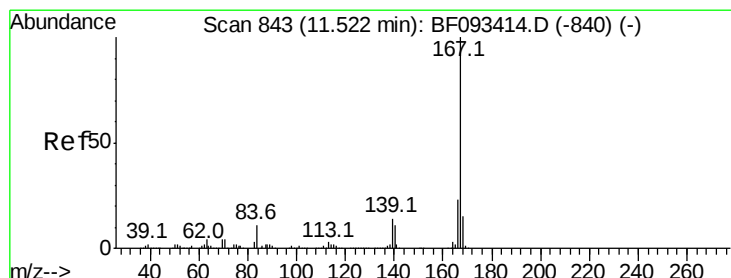
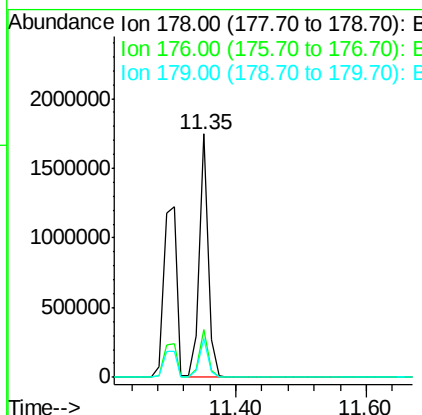
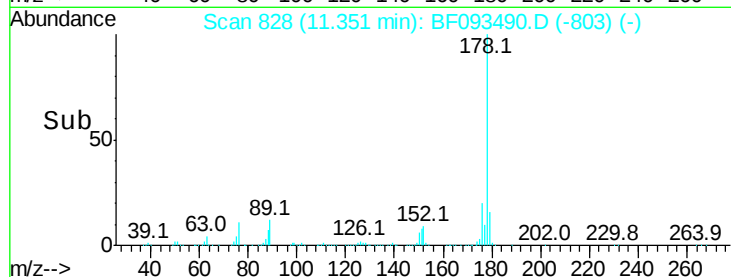
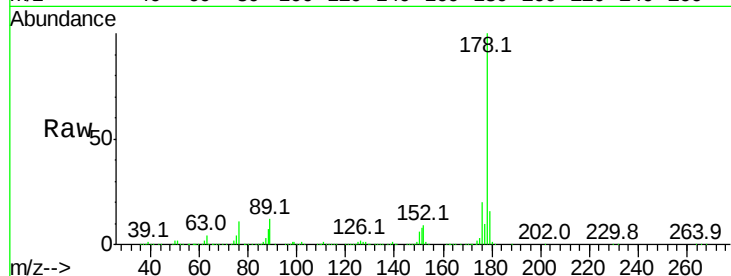




#71
 Anthracene
 Concen: 44.26 ng
 RT: 11.35 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

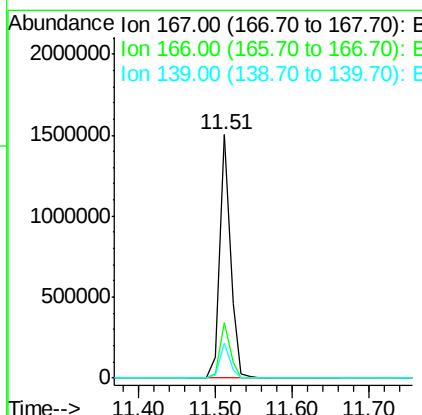
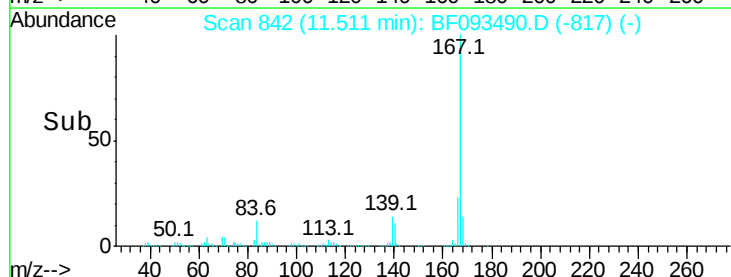
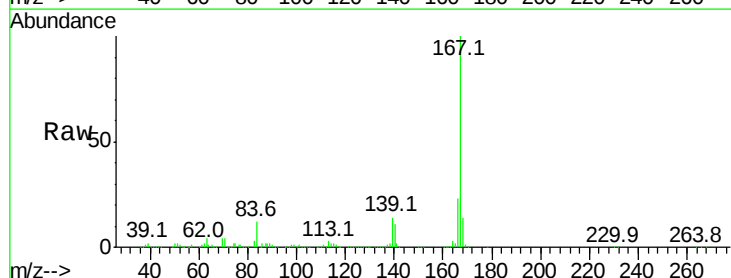
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

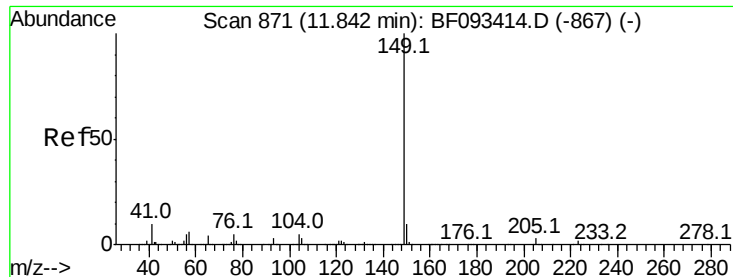
Tot Ion:178 Resp: 1614191
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 16.0 13.2 19.8



#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





#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

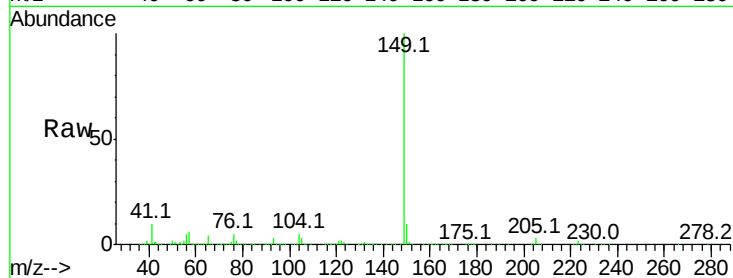
Tot Ion:149 Resp: 1794758

Ion Ratio Lower Upper

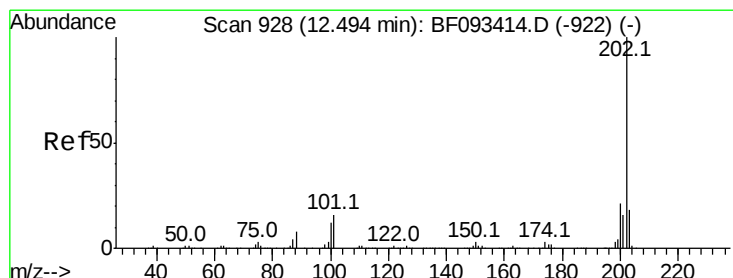
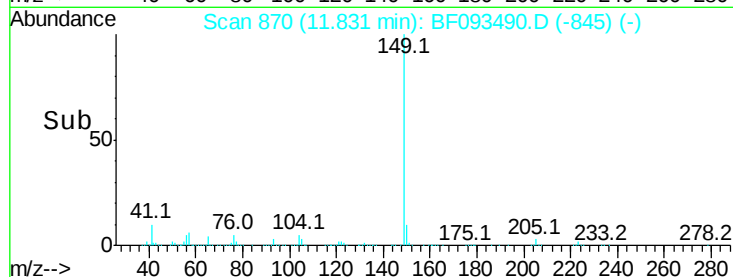
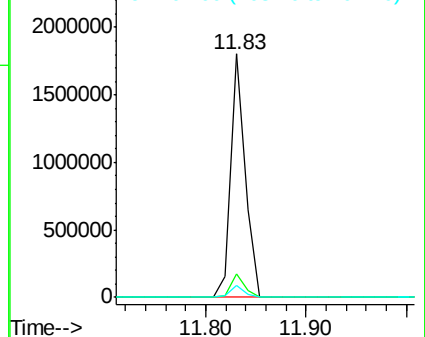
149 100

150 9.6 8.1 12.1

104 5.1 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 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

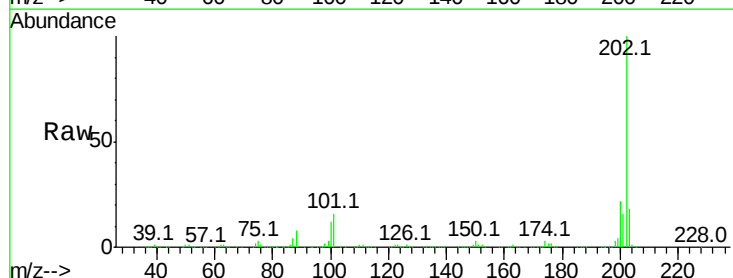
Tgt Ion:202 Resp: 1626080

Ion Ratio Lower Upper

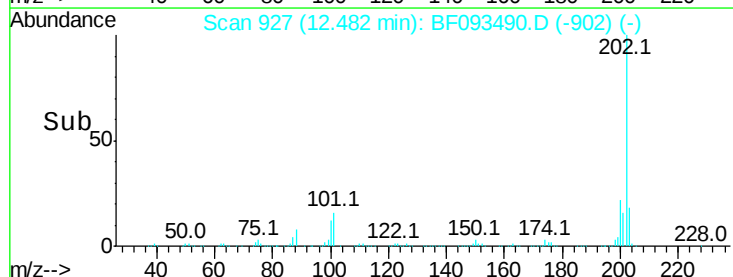
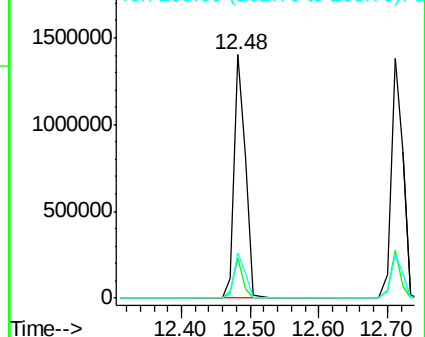
202 100

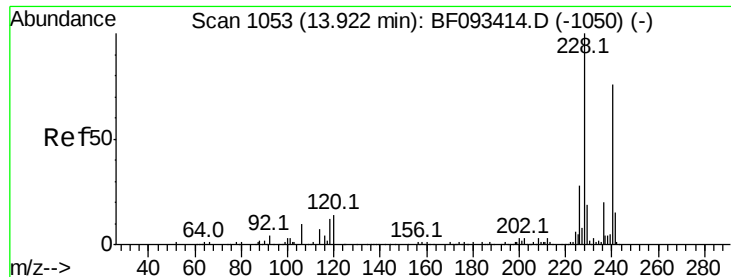
101 16.4 0.0 34.6

203 18.4 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 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

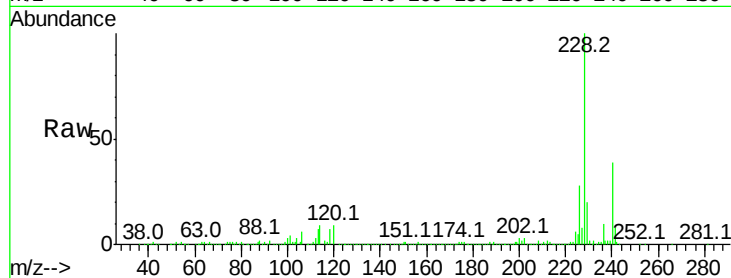
Tot Ion:240 Resp: 470455

Ion Ratio Lower Upper

240 100

120 22.0 12.9 19.3#

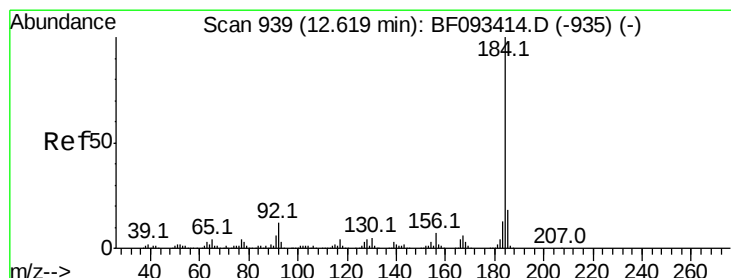
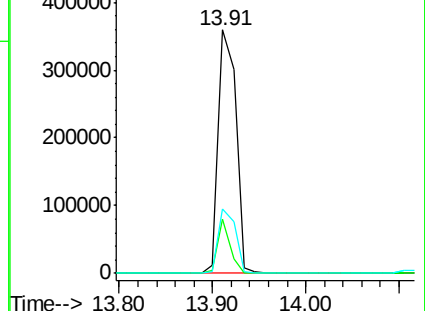
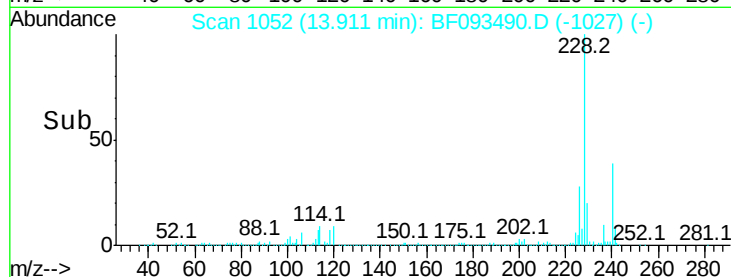
236 26.6 20.9 31.3



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

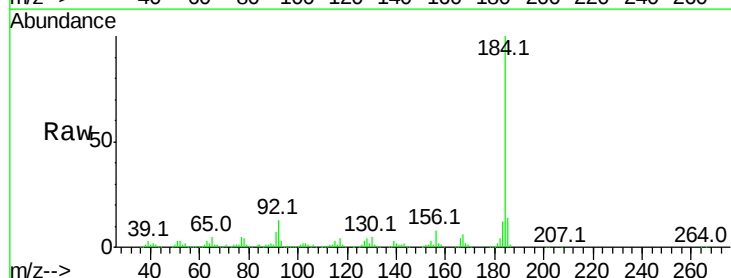
Tgt Ion:184 Resp: 809758

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.0

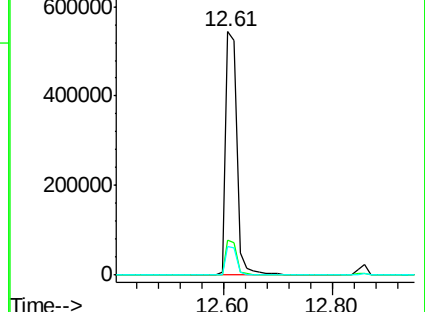
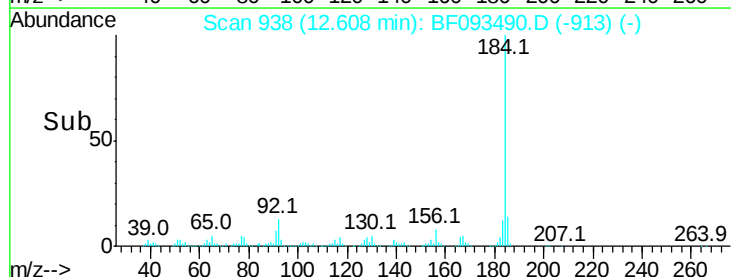
183 11.8 9.2 13.8

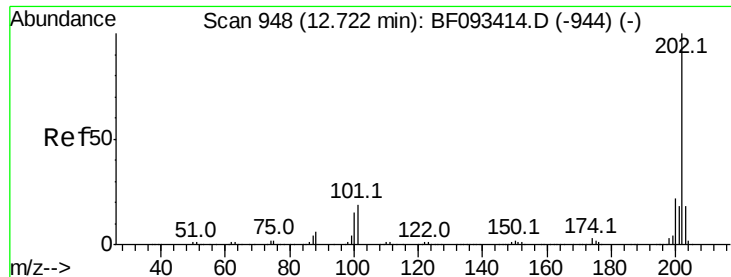


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

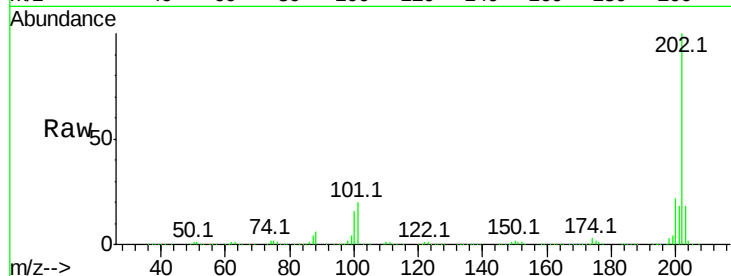




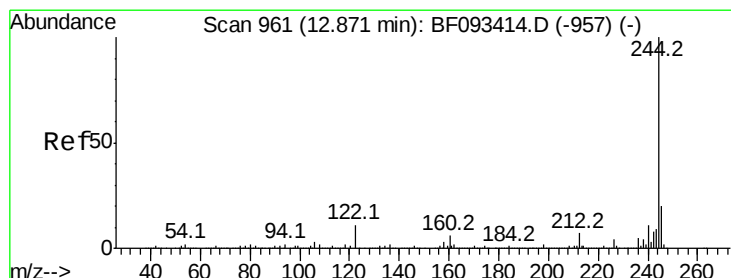
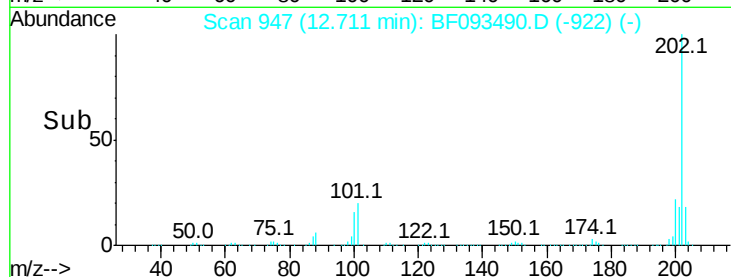
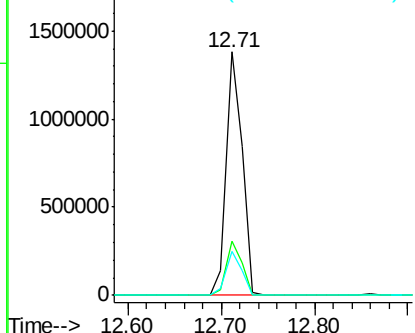
#77
Pvrene
Concen: 47.94 ng
RT: 12.71 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

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

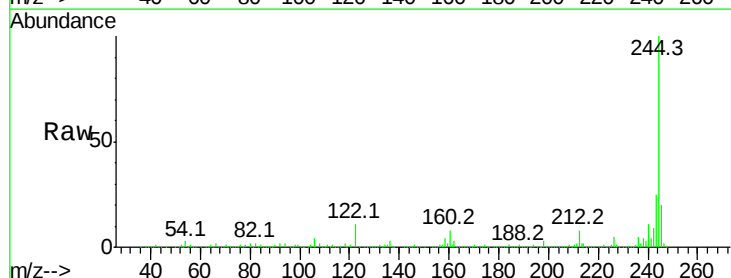


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

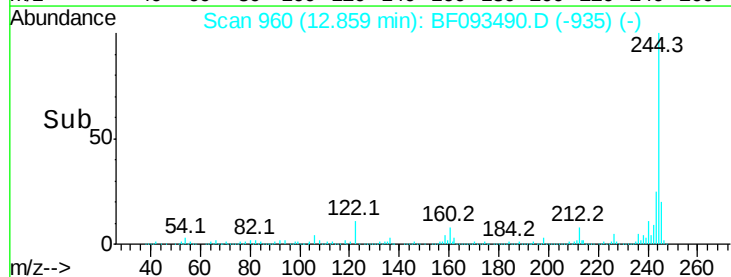
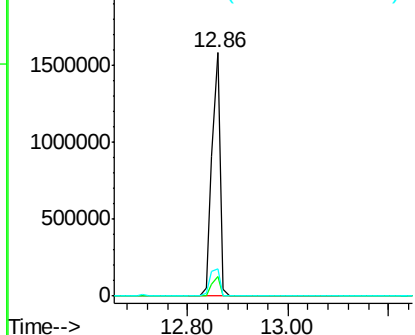


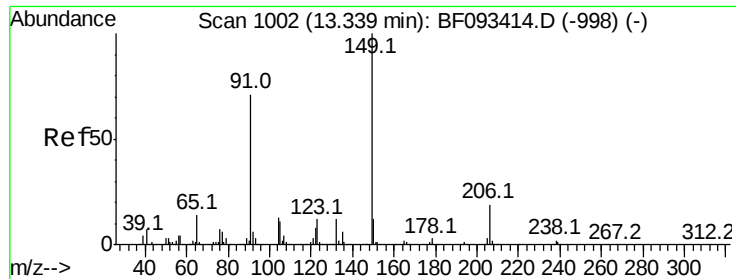
#78
Terphenyl-d14
Concen: 99.28 ng
RT: 12.86 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

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

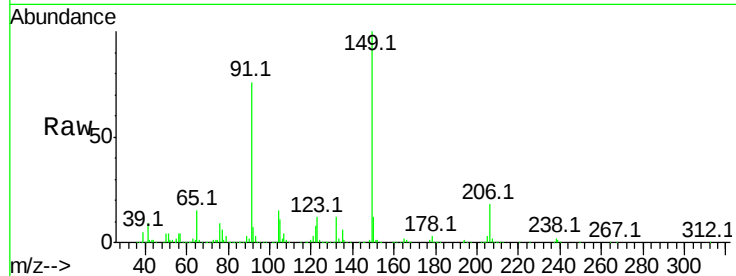
Tot Ion:149 Resp: 818041

Ion Ratio Lower Upper

149 100

91 76.2 63.9 95.9

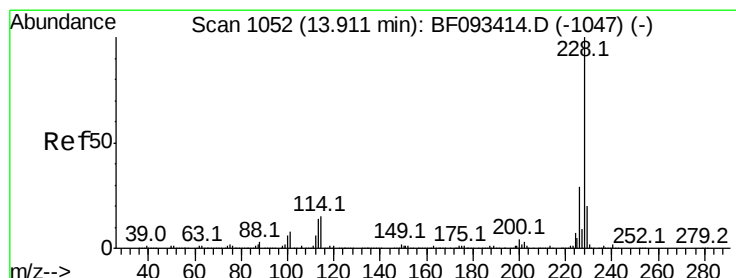
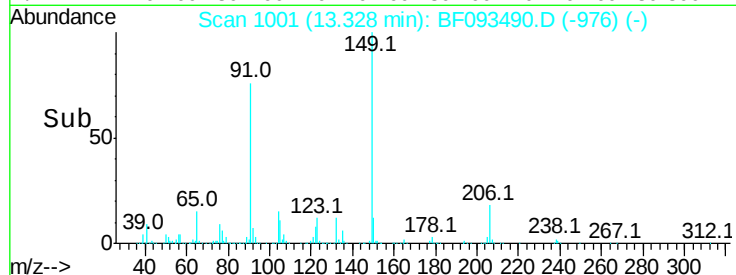
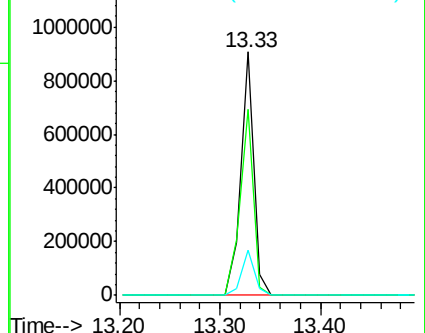
206 18.4 14.6 21.8



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

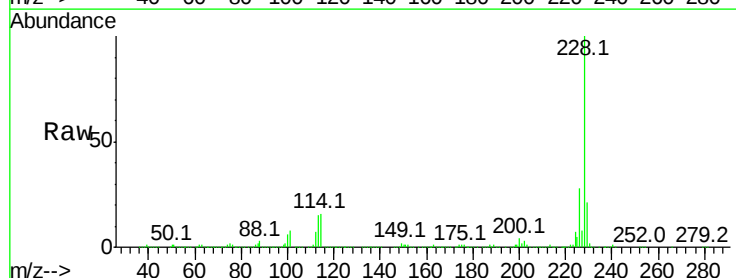
Tgt Ion:228 Resp: 1415578

Ion Ratio Lower Upper

228 100

226 28.2 22.4 33.6

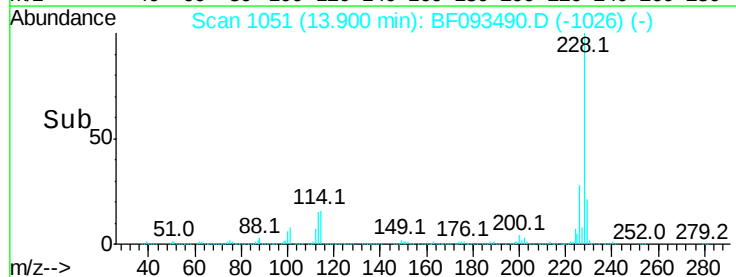
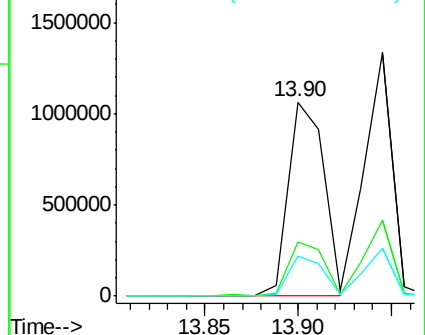
229 20.8 16.2 24.4

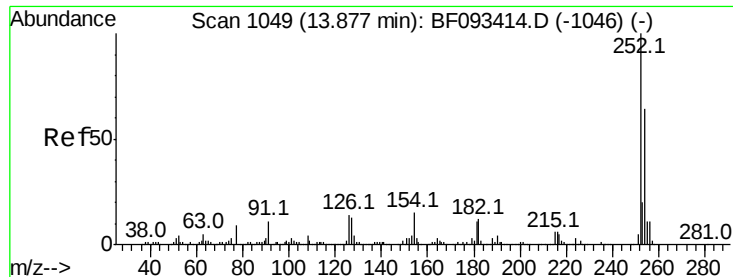


Abundance Ion 228.00 (227.70 to 228.70): E

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:252 Resp: 330555

Ion Ratio Lower Upper

252 100

254 63.2 52.3 78.5

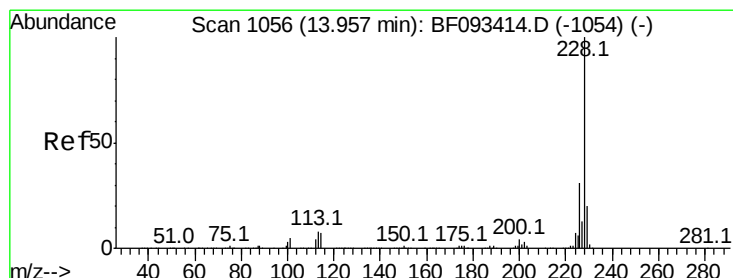
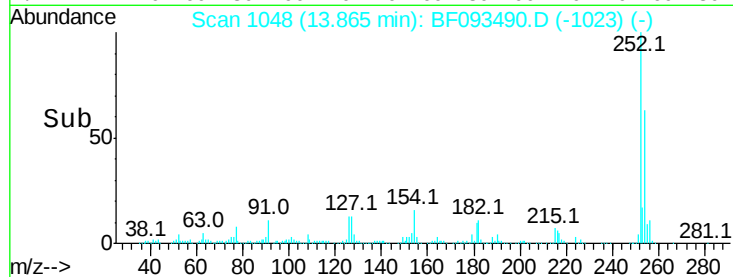
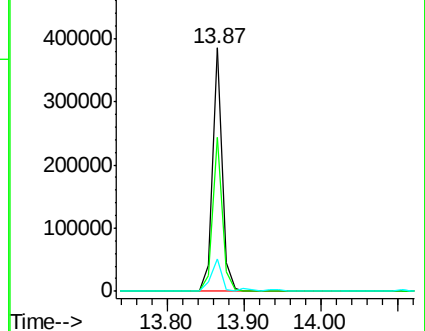
126 13.4 13.6 20.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#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

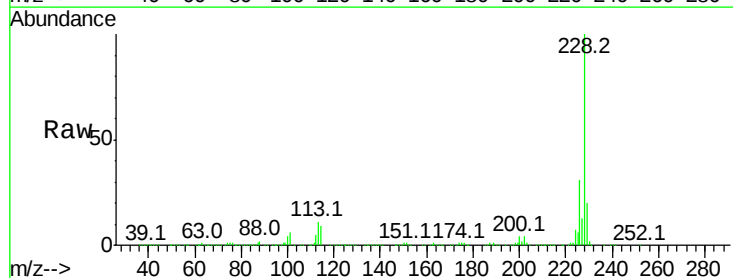
Tgt Ion:228 Resp: 1373034

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

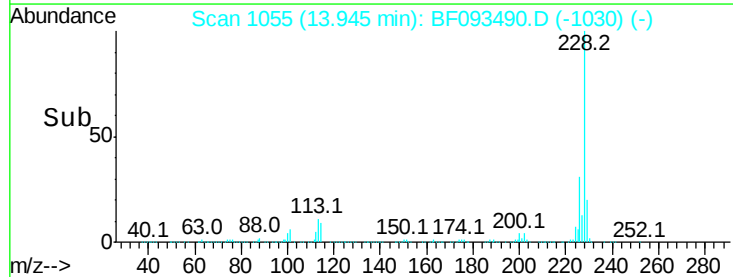
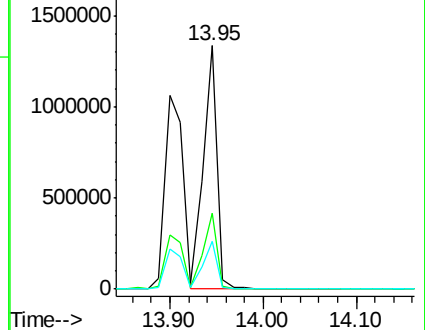
229 19.6 16.2 24.2

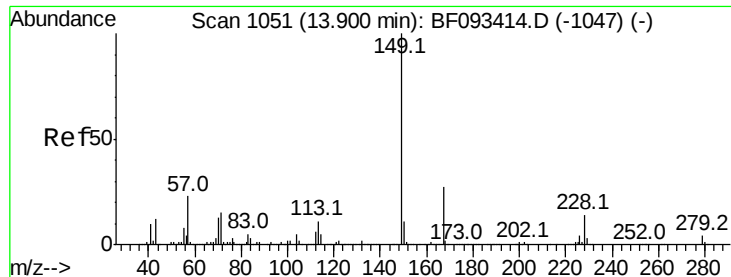


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#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

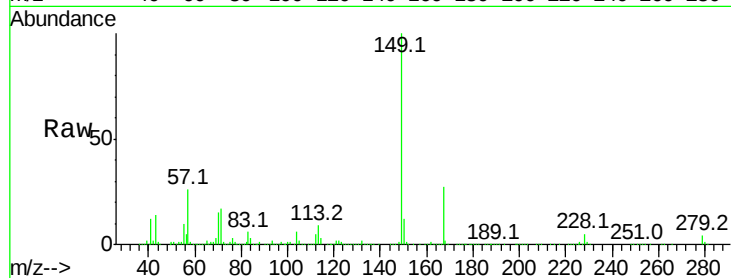
Tot Ion:149 Resp: 1173265

Ion Ratio Lower Upper

149 100

167 27.4 20.2 30.4

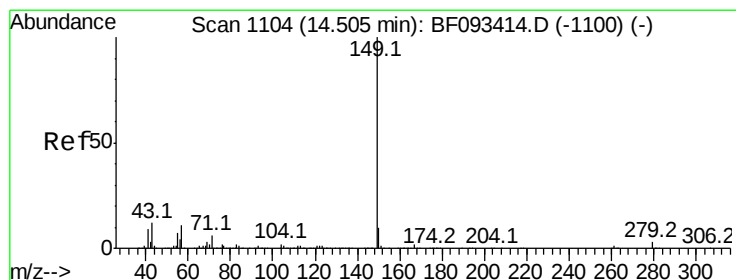
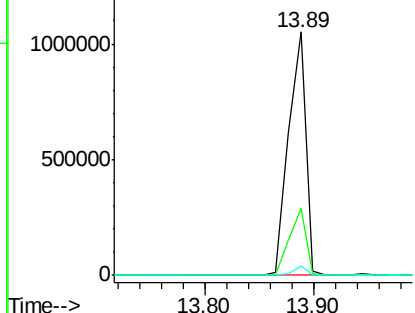
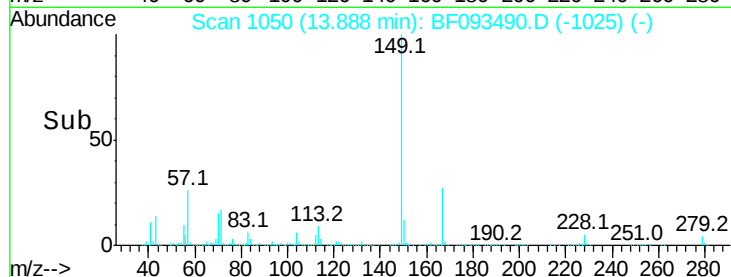
279 3.6 1.8 2.8#



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

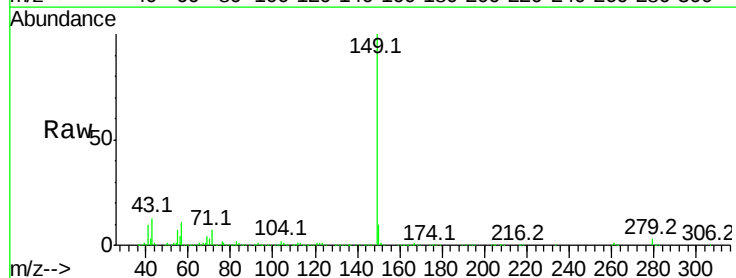
Tgt Ion:149 Resp: 1781373

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

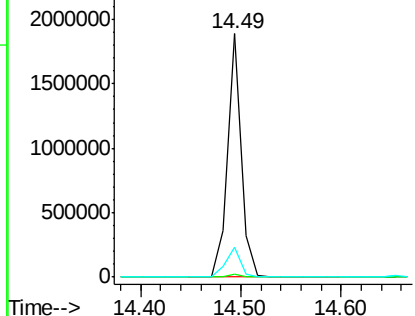
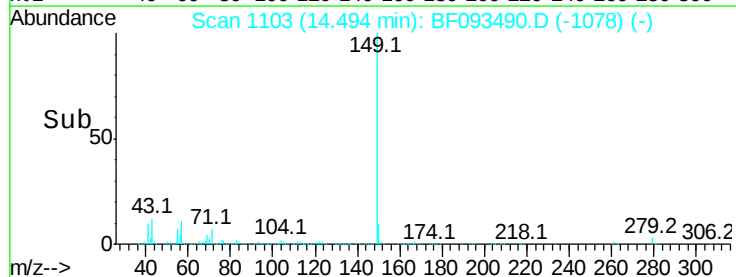
43 13.2 8.9 13.3

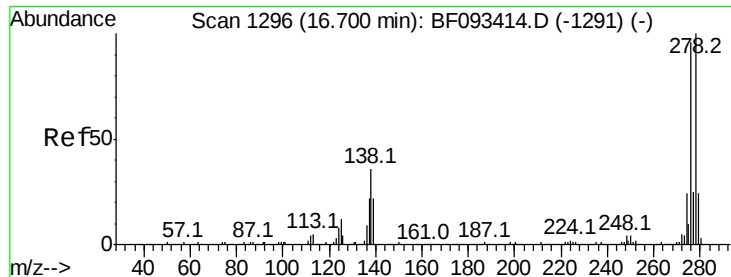


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



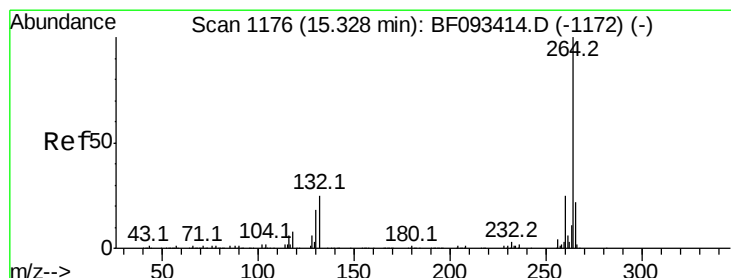
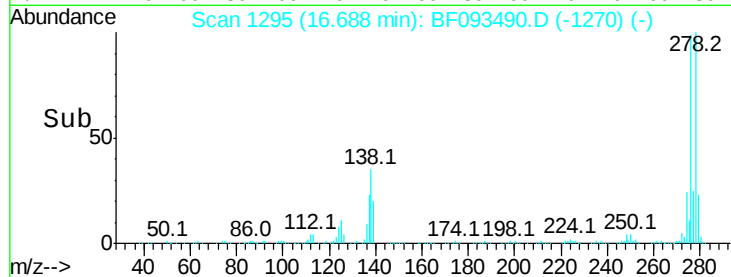
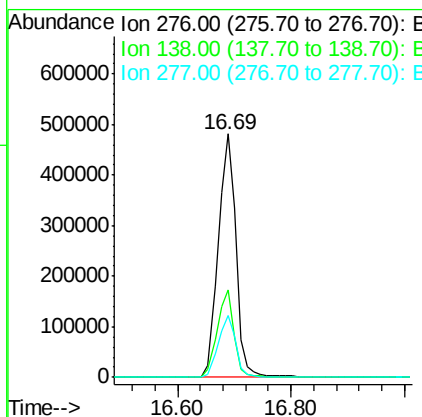
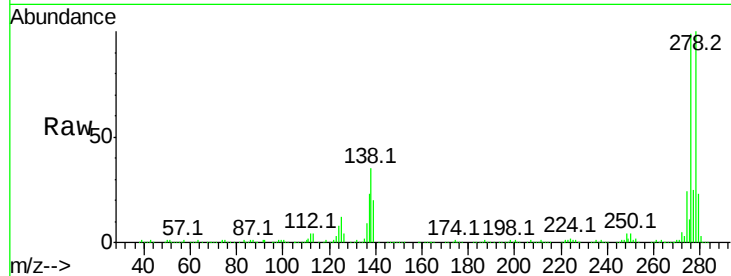


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.57 ng
 RT: 16.69 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

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

Tot Ion:276 Resp: 1045011

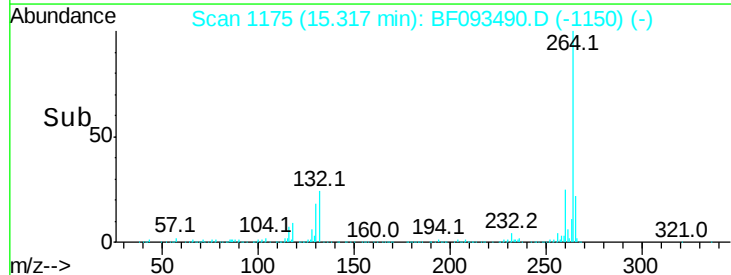
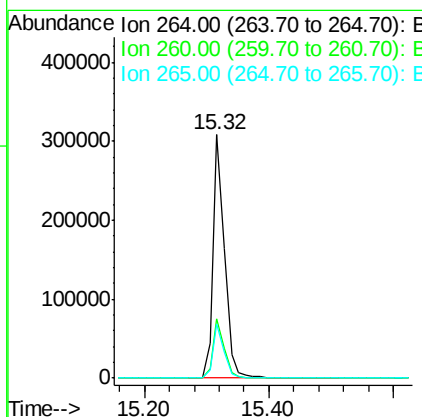
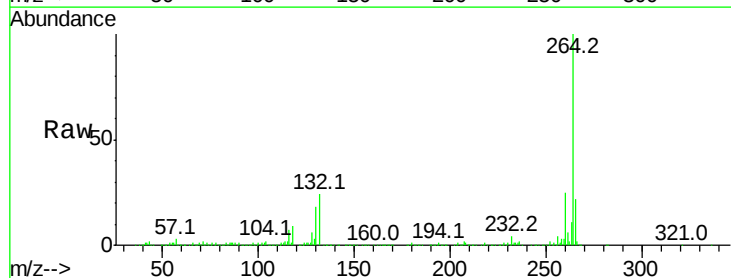
Ion	Ratio	Lower	Upper
276	100		
138	33.8	21.8	32.6#
277	25.2	20.2	30.4

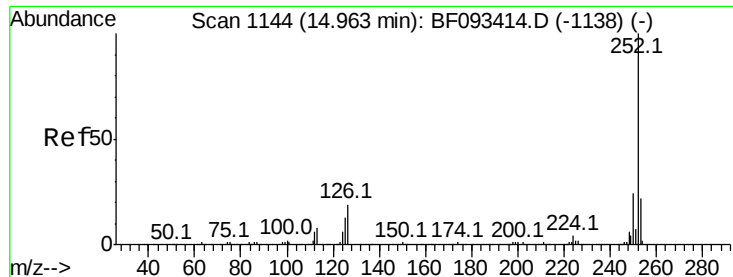


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF093490.D
 Acq: 9 Mar 2017 22:07

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: 53.54 ng m

RT: 14.93 min Scan# 1141

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

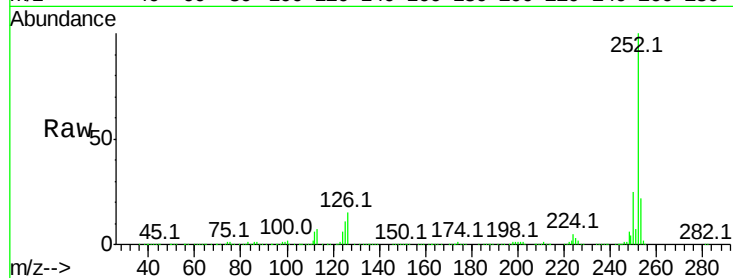
Tot Ion:252 Resp: 1266468

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

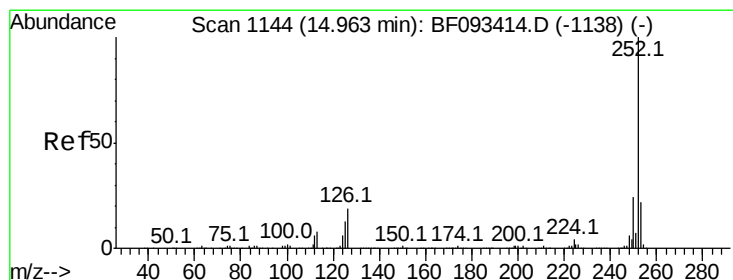
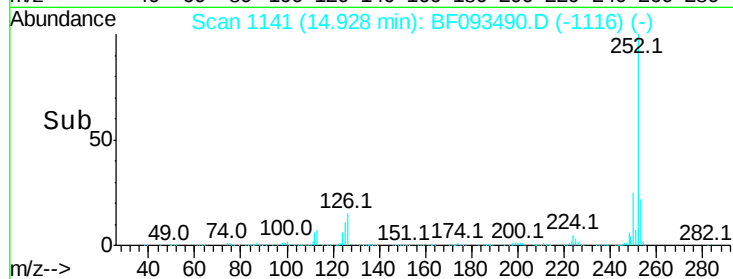
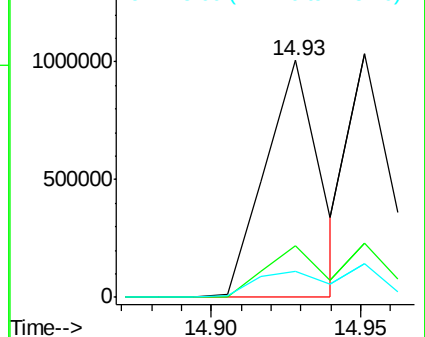
125 11.1 9.8 14.6



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: 43.50 ng m

RT: 14.95 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF093490.D

Acq: 9 Mar 2017 22:07

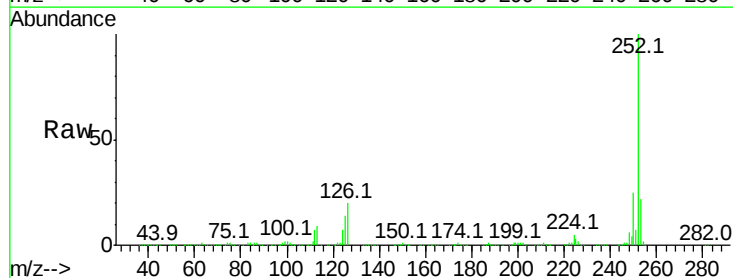
Tgt Ion:252 Resp: 992333

Ion Ratio Lower Upper

252 100

253 22.4 18.5 27.7

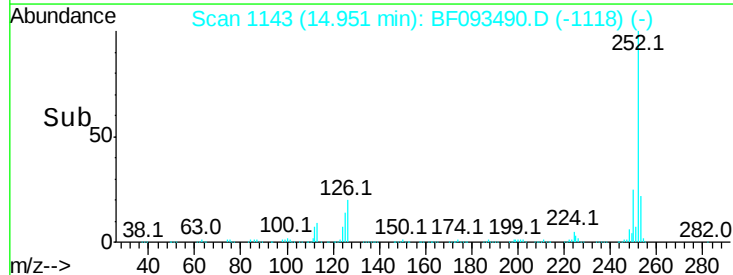
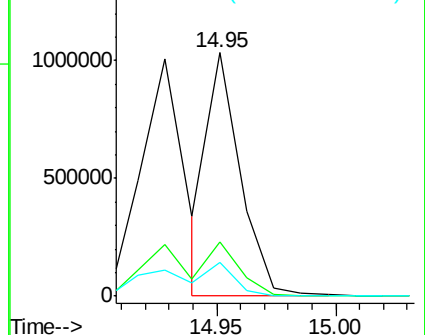
125 13.9 8.9 13.3#

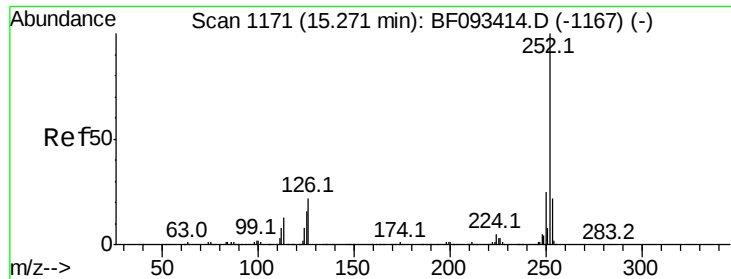


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

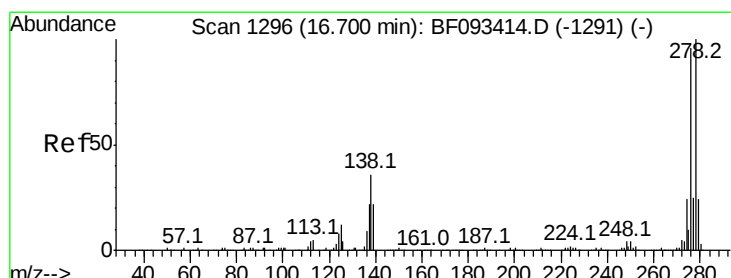
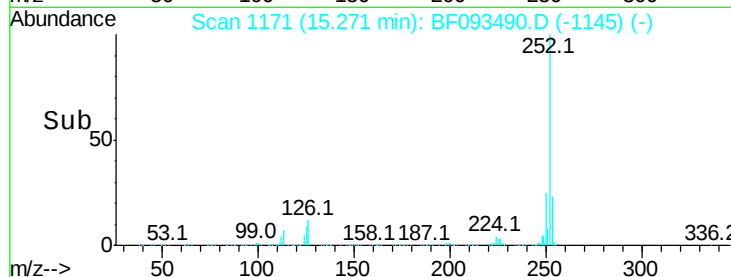
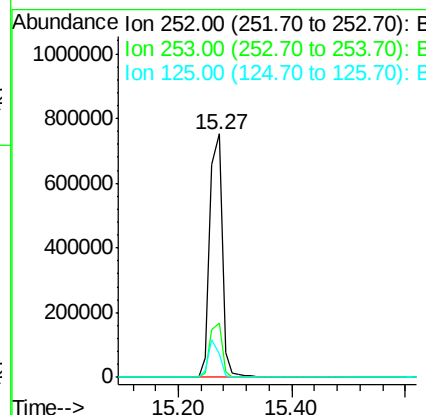
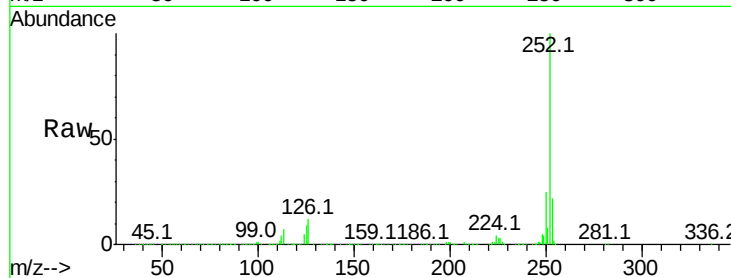




#89
Benzo(a)pyrene
Concen: 50.32 ng
RT: 15.27 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF093490.D
Acq: 9 Mar 2017 22:07

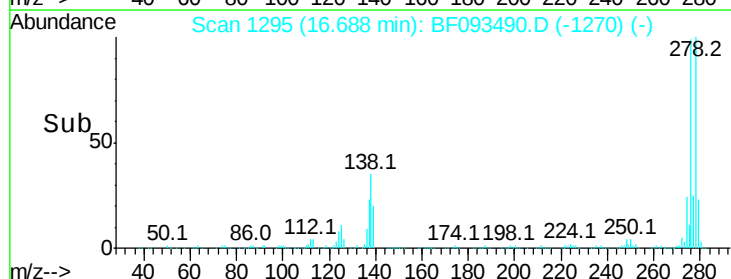
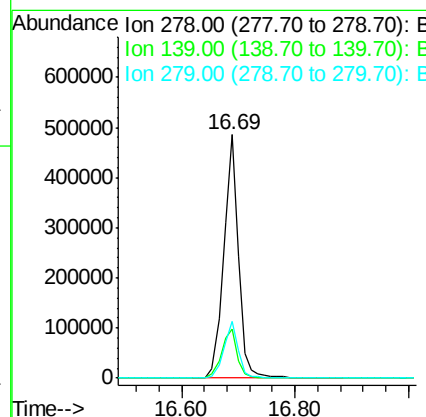
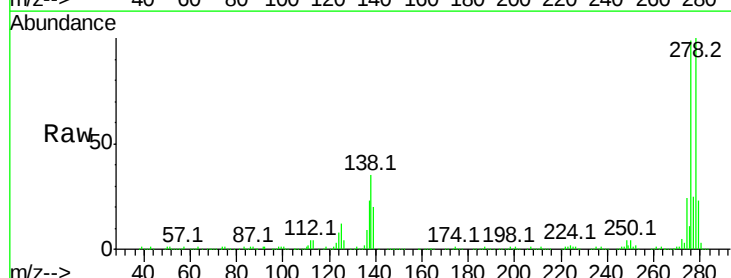
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

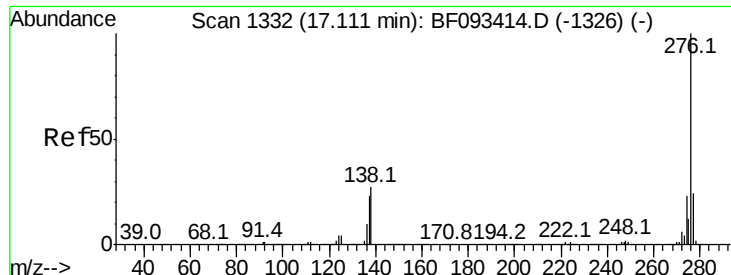
Tot Ion:252 Resp: 1087819
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.4 10.0 15.0#



#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

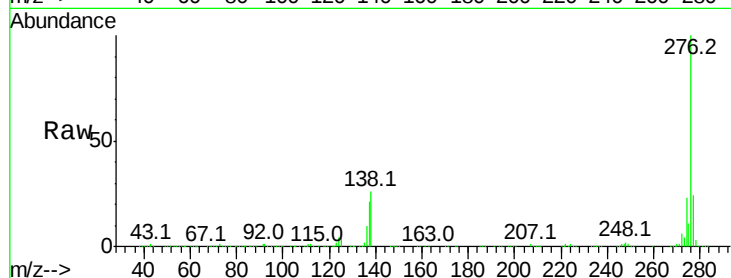
Tot Ion:276 Resp: 923225

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 25.9 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

