

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090393.D
 Acq On : 5 Oct 2016 21:29
 Operator : UM/SJ
 Sample : H4803-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

Quant Time: Oct 06 11:24:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	234743	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1038717	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	501684	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	741661	20.00	ng	-0.01
75) Chrysene-d12	14.20	240	567020	20.00	ng	0.00
86) Perylene-d12	15.70	264	384981	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	2000456	127.19	ng	0.01
7) Phenol-d6	6.63	99	3096934	150.34	ng	0.01
23) Nitrobenzene-d5	7.57	82	1932447	90.50	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	656587	160.95	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2863866	95.11	ng	-0.01
78) Terphenyl-d14	13.14	244	2636676	104.54	ng	0.00

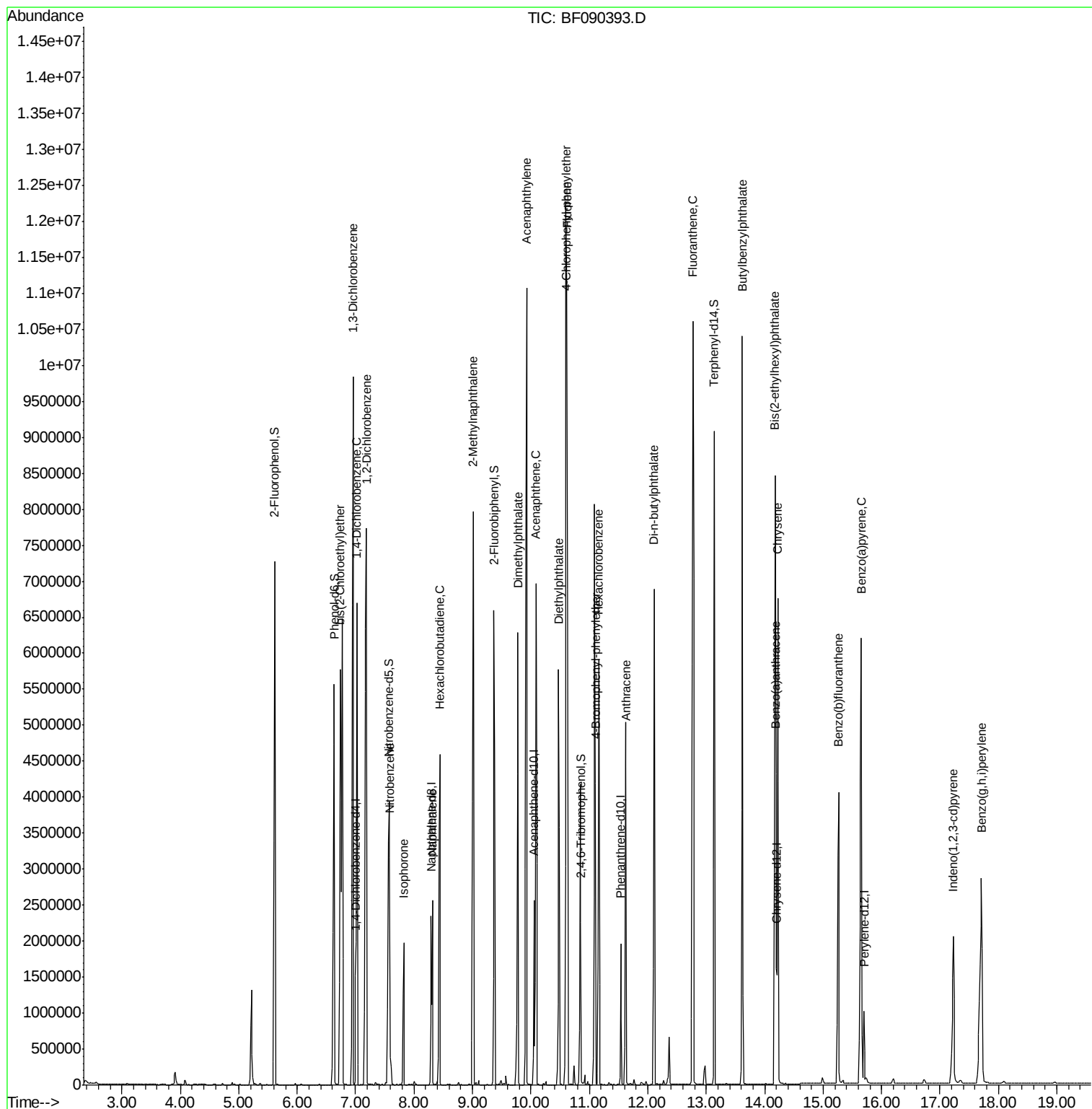
Target Compounds				Qvalue		
11) bis(2-Chloroethyl)ether	6.74	93	2667294	145.45	ng	91
12) 1,3-Dichlorobenzene	6.95	146	2883571	167.12	ng	96
13) 1,4-Dichlorobenzene	7.02	146	1353673	77.24	ng	99
14) 1,2-Dichlorobenzene	7.18	146	2053584	121.62	ng	97
24) Nitrobenzene	7.58	77	943403	44.50	ng	97
25) Isophorone	7.82	82	1025899	26.28	ng	96
31) Naphthalene	8.31	128	1181856	23.58	ng	97
34) Hexachlorobutadiene	8.44	225	753088	96.94	ng	98
37) 2-Methylnaphthalene	9.01	142	2475113	81.60	ng	99
48) Acenaphthylene	9.93	152	6511333	143.67	ng	92
49) Dimethylphthalate	9.78	163	3420081	106.45	ng	# 99
51) Acenaphthene	10.09	154	1862675	65.91	ng	98
57) Fluorene	10.61	166	4720905	153.58	ng	99
59) Diethylphthalate	10.47	149	2998349	90.19	ng	93
60) 4-Chlorophenyl-phenylether	10.60	204	1730562	123.82	ng	99
66) 4-Bromophenyl-phenylether	11.10	248	1614427	222.07	ng	# 77
67) Hexachlorobenzene	11.16	284	885125	109.32	ng	# 85
71) Anthracene	11.63	178	2793311	72.03	ng	98
73) Di-n-butylphthalate	12.11	149	3174006	72.38	ng	99
74) Fluoranthene	12.77	202	6709626	180.12	ng	96
79) Butylbenzylphthalate	13.62	149	2588841	133.44	ng	# 86
80) Benzo(a)anthracene	14.19	228	1729651	54.37	ng	99
82) Chrysene	14.22	228	3077226	105.10	ng	98
83) Bis(2-ethylhexyl)phthalate	14.18	149	1706694	61.89	ng	97
85) Indeno(1,2,3-cd)pyrene	17.23	276	1579697	75.67	ng	97
87) Benzo(b)fluoranthene	15.26	252	2090244	85.24	ng	# 98
89) Benzo(a)pyrene	15.65	252	3389570	160.37	ng	# 95
91) Benzo(g,h,i)perylene	17.71	276	2719003	157.57	ng	# 94

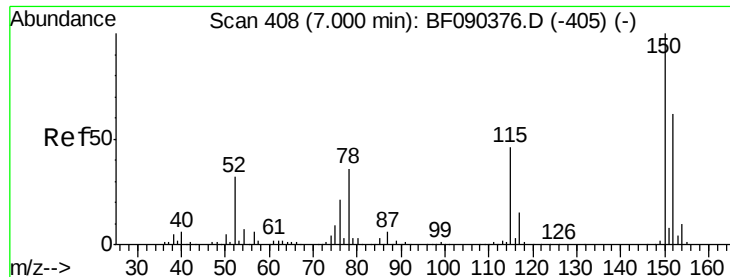
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

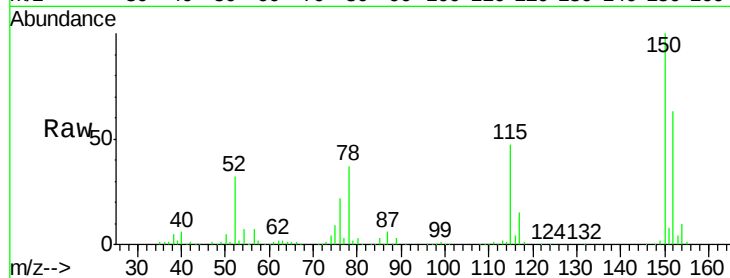
Tot Ion:152 Resp: 234743

Ion Ratio Lower Upper

152 100

150 159.6 124.6 186.8

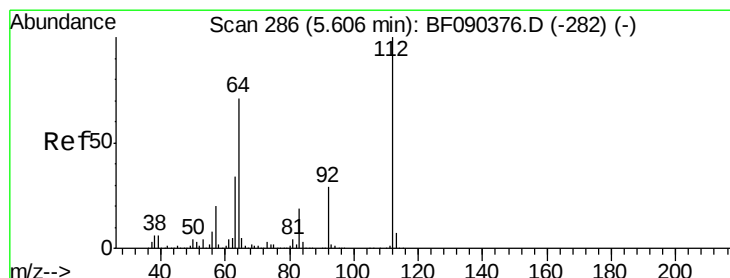
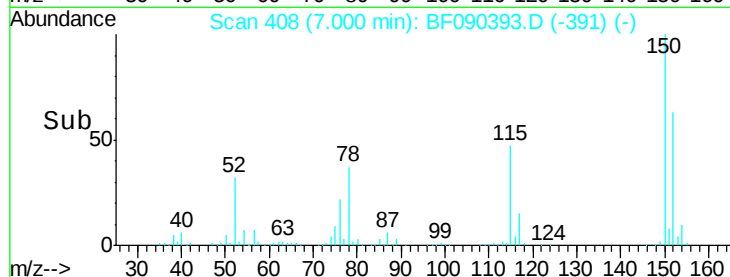
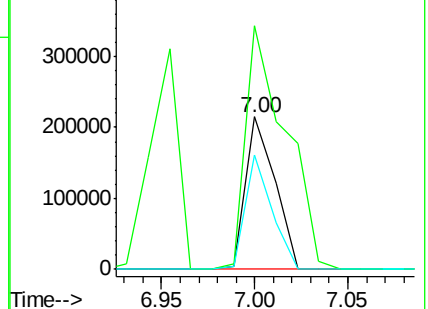
115 75.0 46.2 69.4#



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



#5

2-Fluorophenol

Concen: 127.19 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

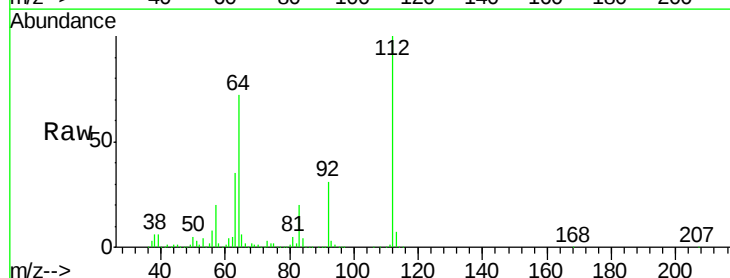
Tgt Ion:112 Resp: 2000456

Ion Ratio Lower Upper

112 100

64 72.1 57.9 86.9

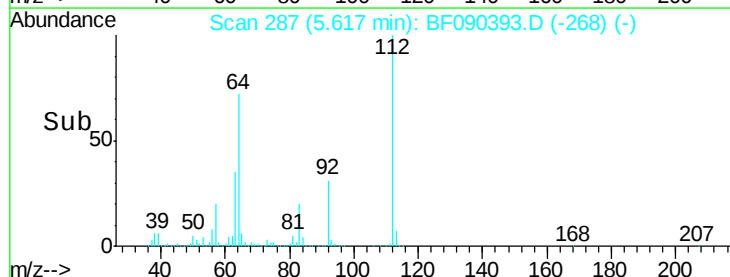
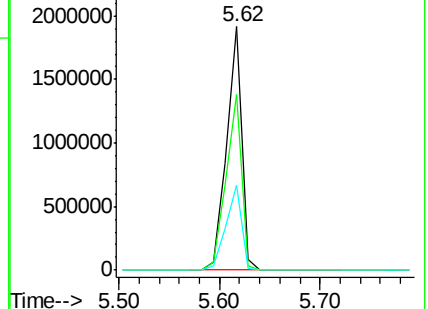
63 34.8 29.6 44.4

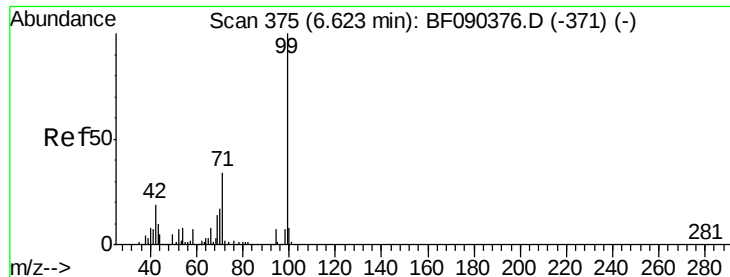


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 150.34 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

Instrument :

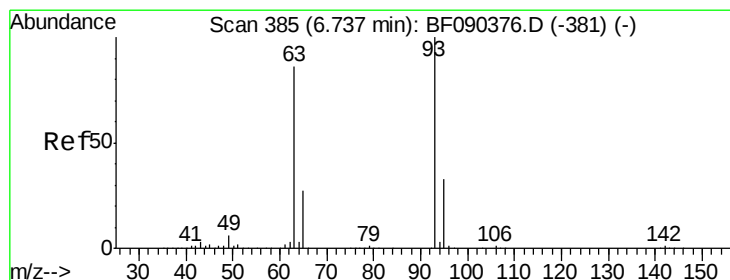
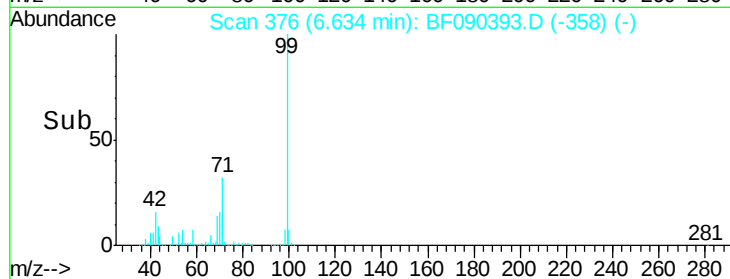
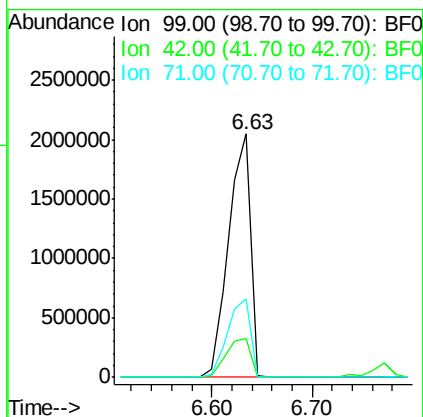
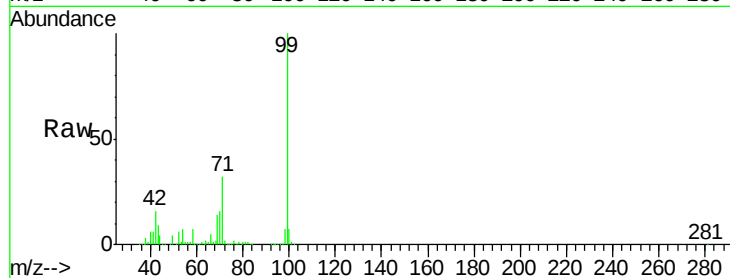
BNA_F

ClientSampleId :

PT-BN-WP

Tot Ion: 99 Resp: 3096934

Ion	Ratio	Lower	Upper
99	100		
42	16.0	20.0	30.0#
71	32.1	27.9	41.9



#11

bis(2-Chloroethyl)ether

Concen: 145.45 ng

RT: 6.74 min Scan# 385

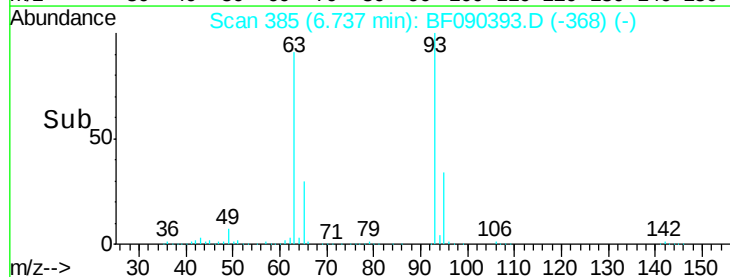
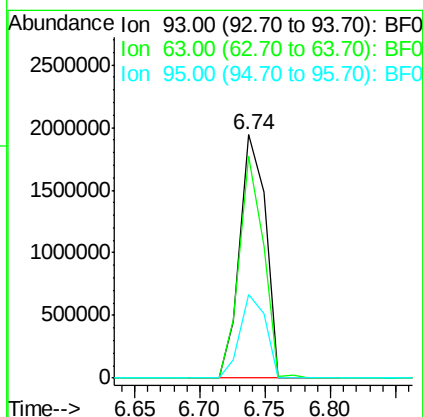
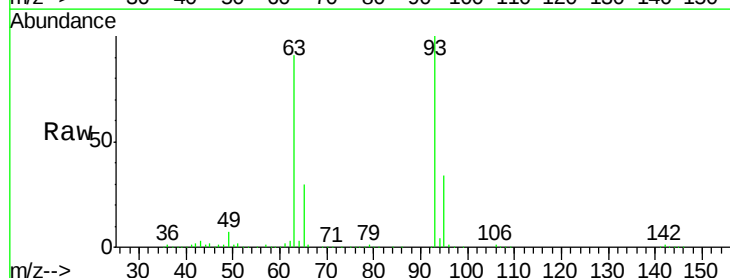
Delta R.T. -0.00 min

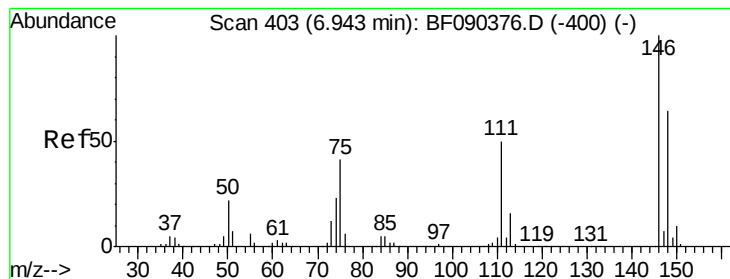
Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

Tgt Ion: 93 Resp: 2667294

Ion	Ratio	Lower	Upper
93	100		
63	91.2	59.7	99.7
95	34.1	14.0	54.0





#12

1,3-Dichlorobenzene

Concen: 167.12 ng

RT: 6.95 min Scan# 404

Delta R.T. 0.01 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

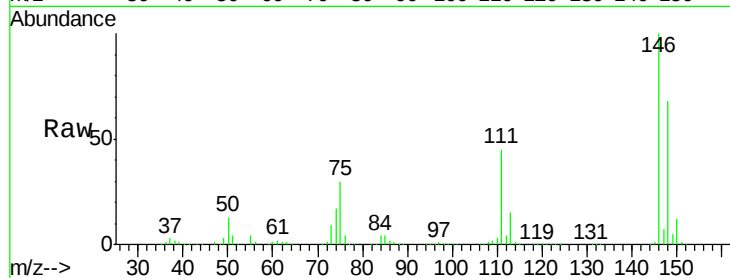
Tot Ion:146 Resp: 2883571

Ion Ratio Lower Upper

146 100

148 68.2 52.2 78.4

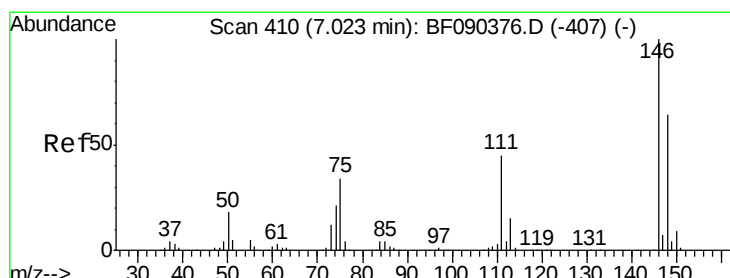
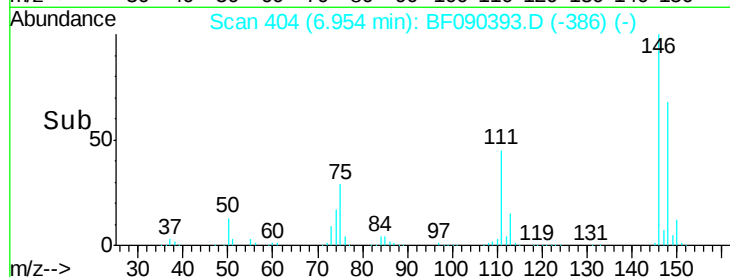
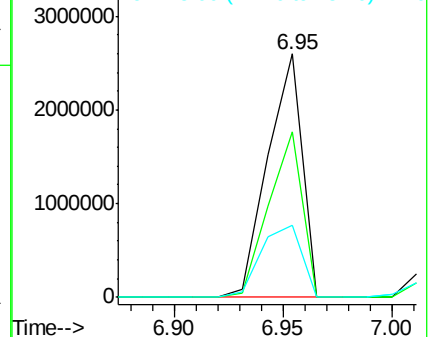
75 29.5 21.4 32.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 77.24 ng

RT: 7.02 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

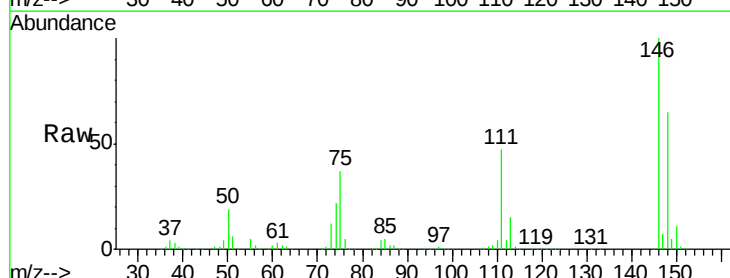
Tgt Ion:146 Resp: 1353673

Ion Ratio Lower Upper

146 100

148 65.1 51.1 76.7

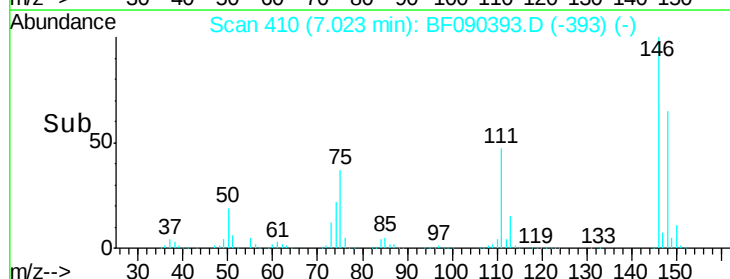
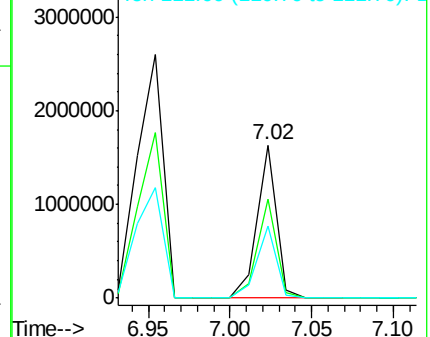
111 47.3 37.8 56.6

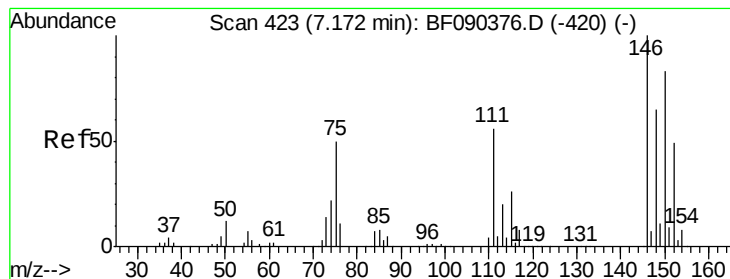


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

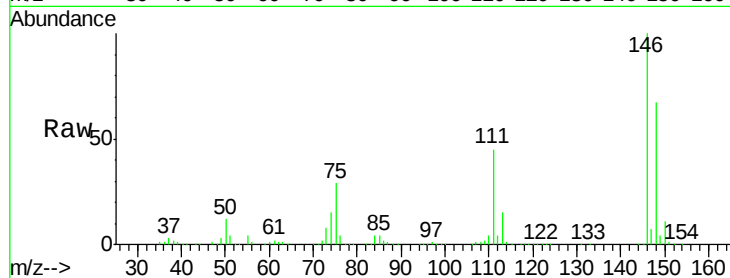




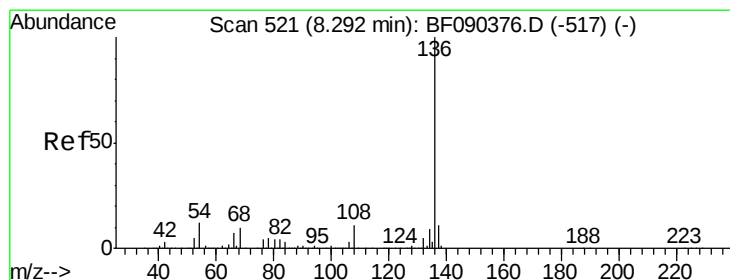
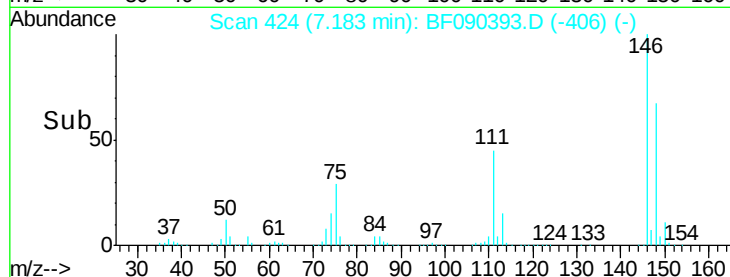
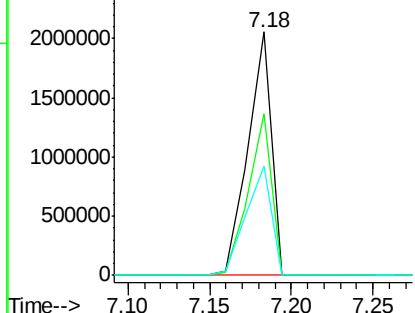
#14
 1,2-Dichlorobenzene
 Concen: 121.62 ng
 RT: 7.18 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: BF090393.D
 Acq: 5 Oct 2016 21:29

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

Tot Ion:146 Resp: 2053584
 Ion Ratio Lower Upper
 146 100
 148 66.6 52.3 78.5
 111 44.9 38.2 57.4

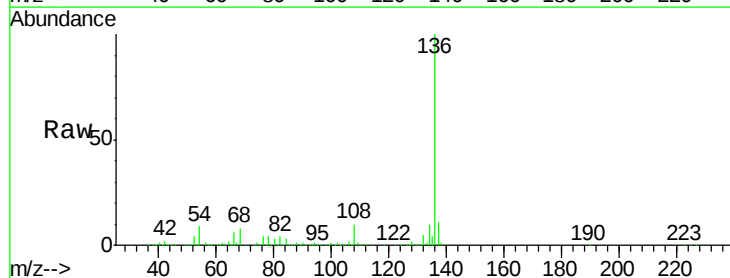


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

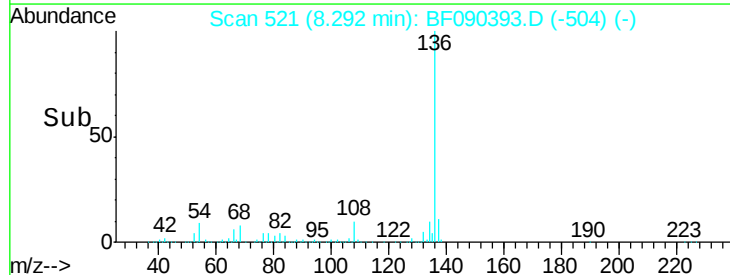
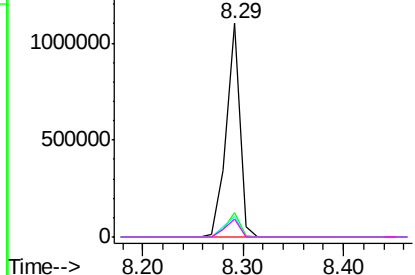


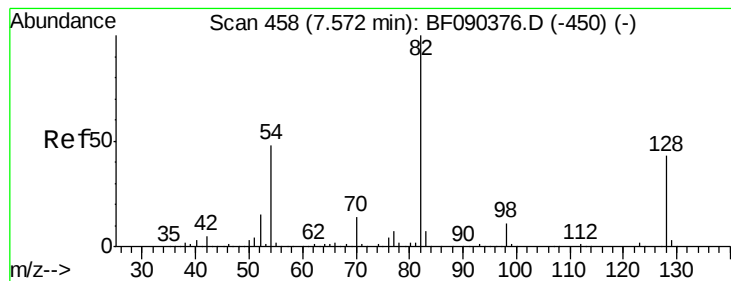
#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.29 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF090393.D
 Acq: 5 Oct 2016 21:29

Tgt Ion:136 Resp: 1038717
 Ion Ratio Lower Upper
 136 100
 137 11.1 9.0 13.6
 54 9.5 6.6 10.0
 68 8.3 5.0 7.6#



Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BF0
 Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 90.50 ng

RT: 7.57 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

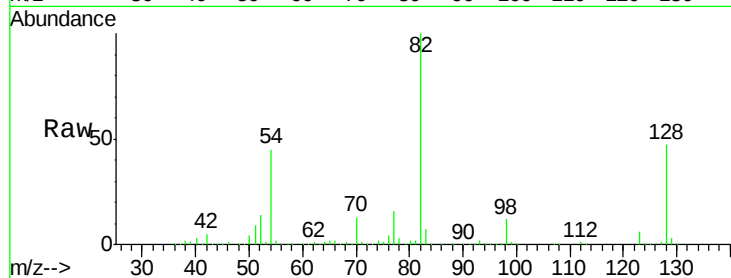
Tot Ion: 82 Resp: 1932447

Ion Ratio Lower Upper

82 100

128 46.7 40.0 60.0

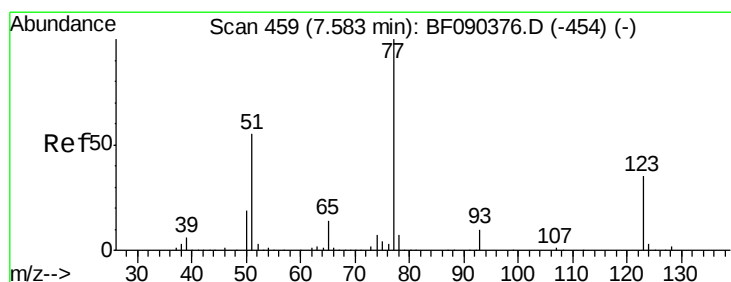
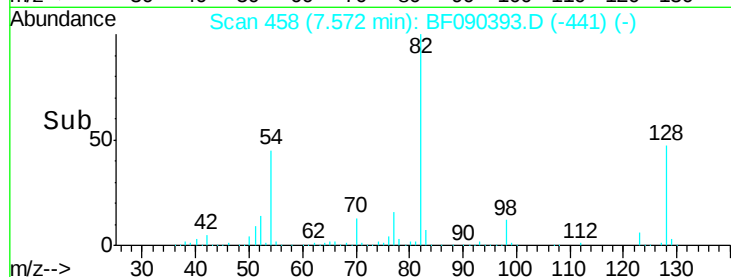
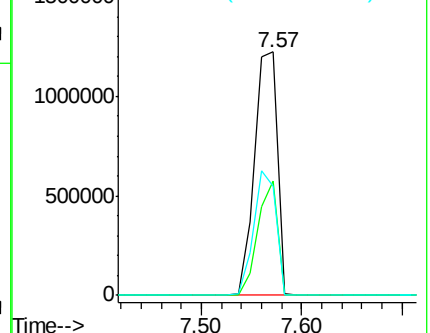
54 44.8 42.6 64.0



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: 44.50 ng

RT: 7.58 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

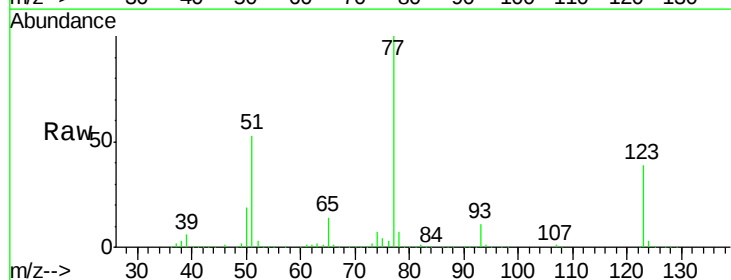
Tgt Ion: 77 Resp: 943403

Ion Ratio Lower Upper

77 100

123 39.4 33.0 49.4

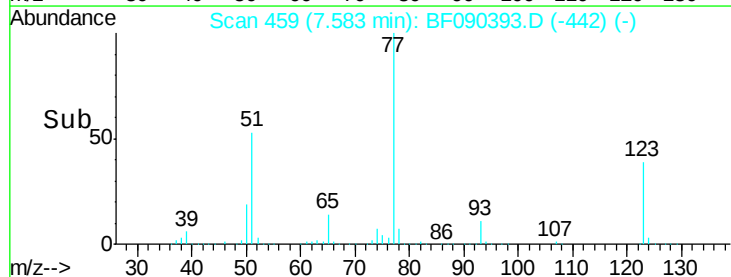
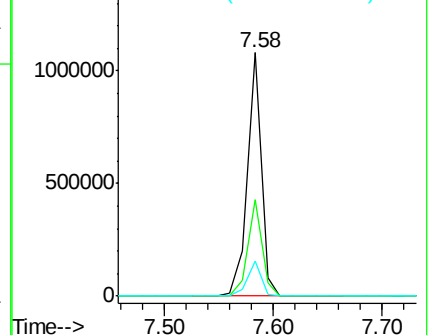
65 14.3 12.0 18.0

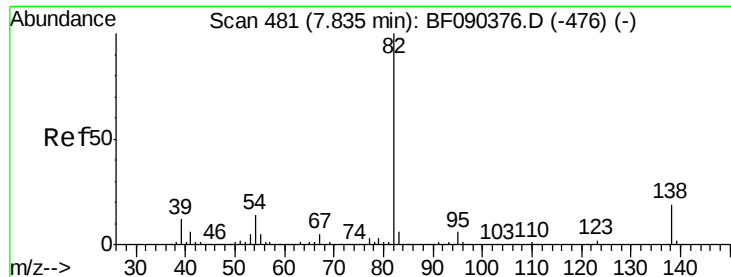


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 26.28 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

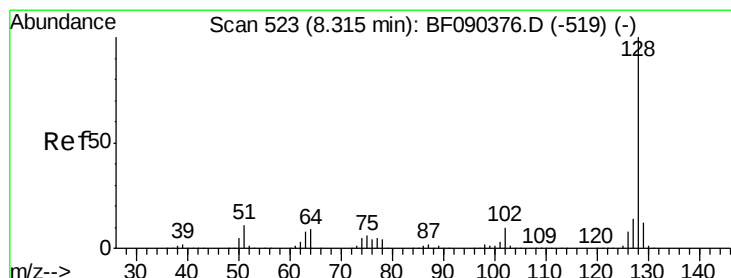
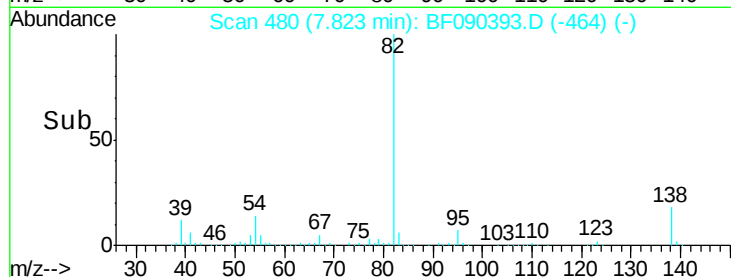
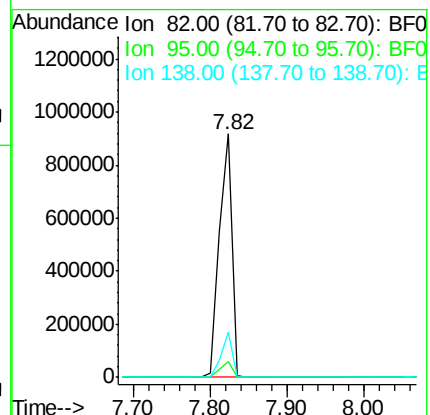
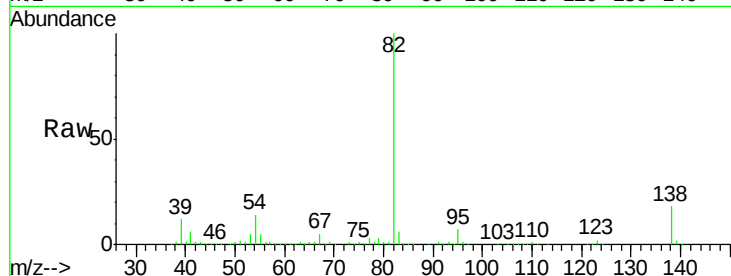
Tot Ion: 82 Resp: 1025899

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 18.4 13.0 19.4



#31

Naphthalene

Concen: 23.58 ng

RT: 8.31 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

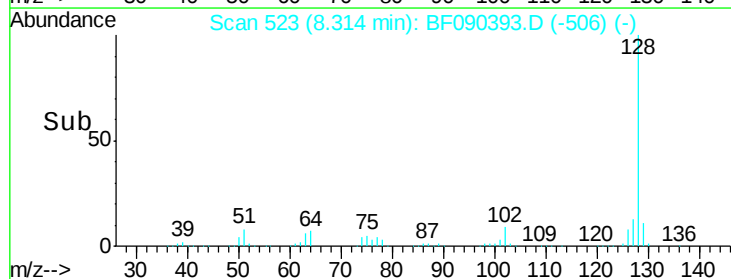
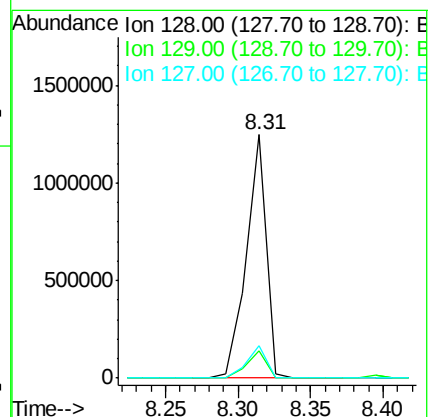
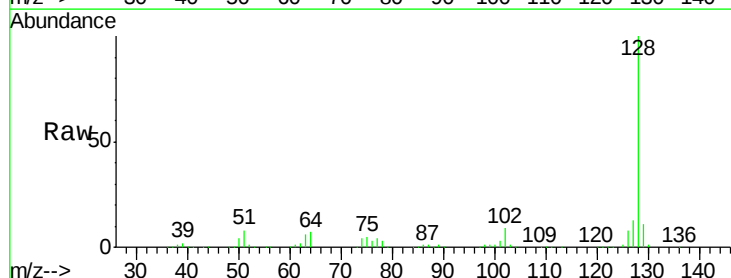
Tgt Ion:128 Resp: 1181856

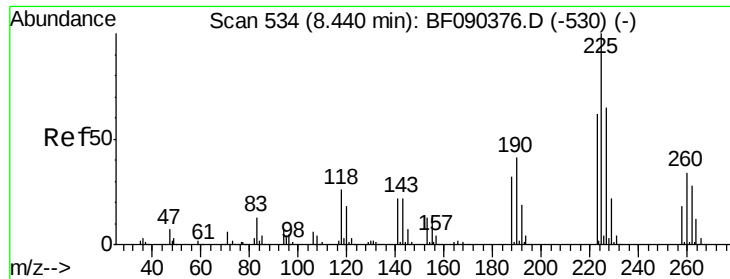
Ion Ratio Lower Upper

128 100

129 11.3 9.7 14.5

127 13.2 11.7 17.5

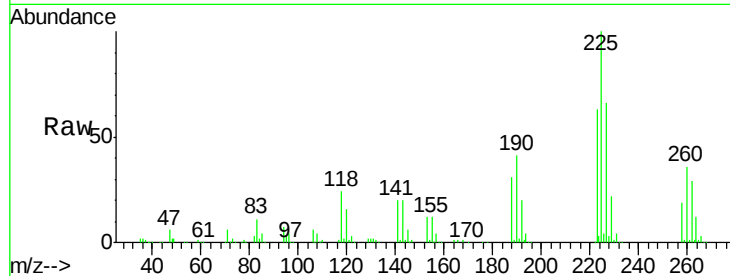




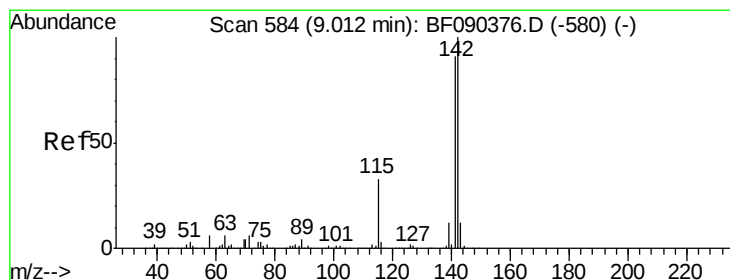
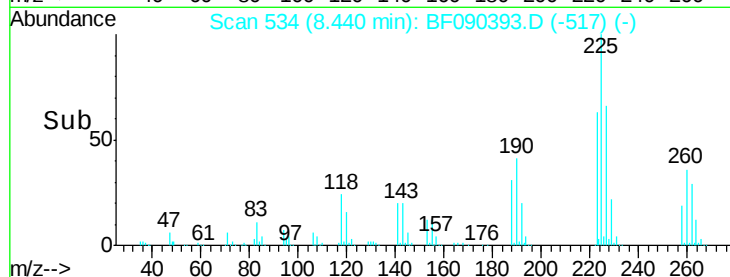
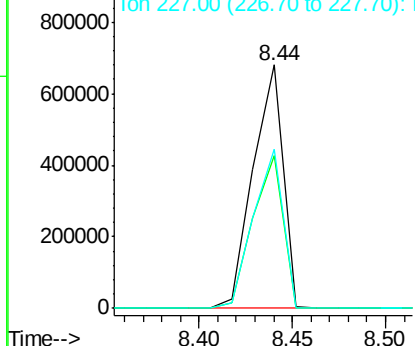
#34
Hexachlorobutadiene
Concen: 96.94 ng
RT: 8.44 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

Tot Ion:225 Resp: 753088
Ion Ratio Lower Upper
225 100
223 63.0 51.0 76.4
227 65.6 50.8 76.2

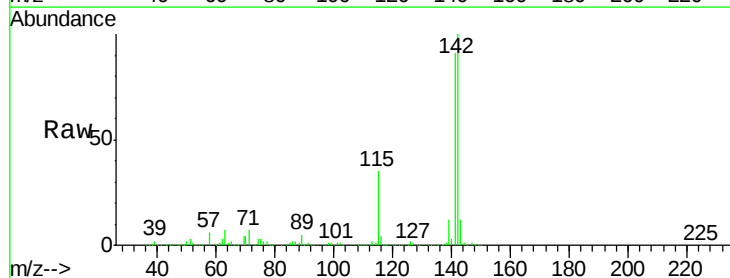


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

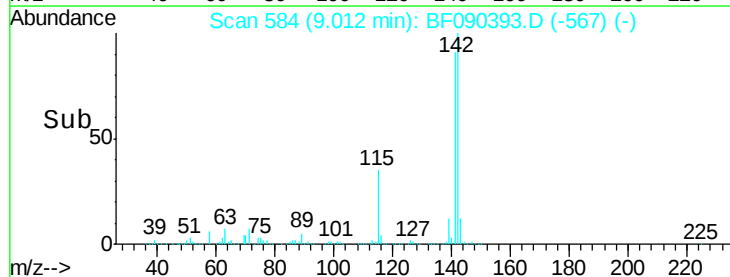
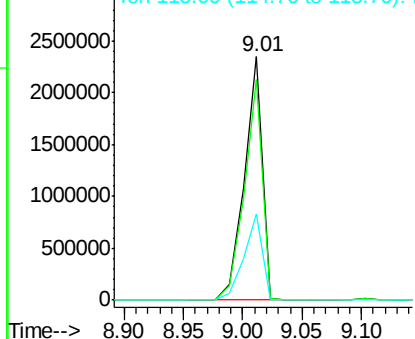


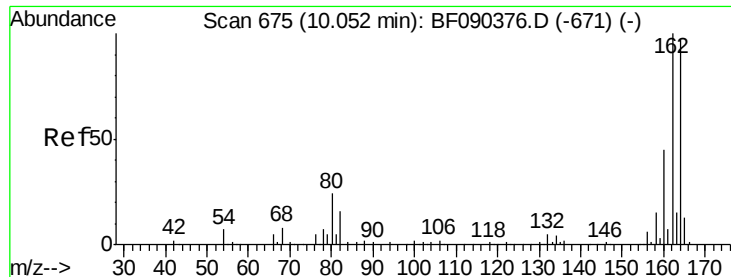
#37
2-Methylnaphthalene
Concen: 81.60 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

Tgt Ion:142 Resp: 2475113
Ion Ratio Lower Upper
142 100
141 90.5 71.8 107.8
115 35.1 28.8 43.2



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: 10.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

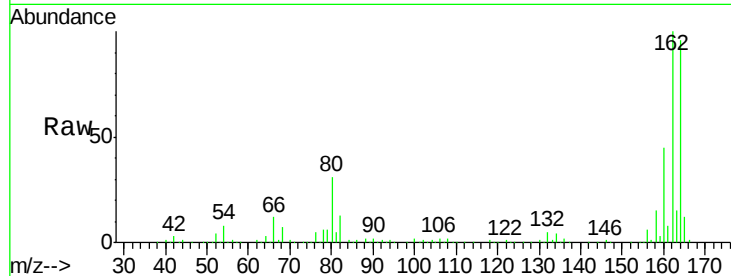
Tot Ion:164 Resp: 501684

Ion Ratio Lower Upper

164 100

162 103.9 80.1 120.1

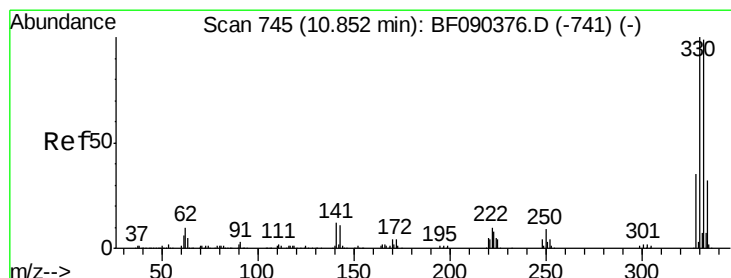
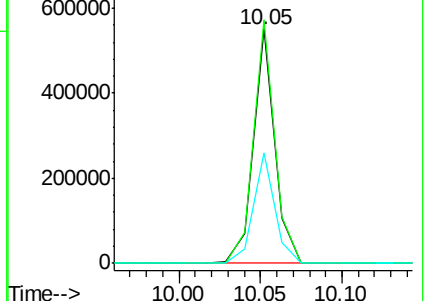
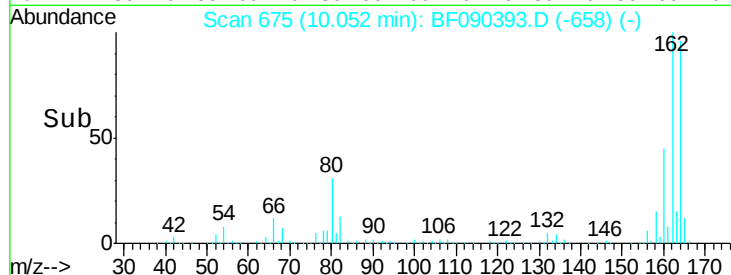
160 47.0 36.3 54.5



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



#41

2,4,6-Tribromophenol

Concen: 160.95 ng

RT: 10.85 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

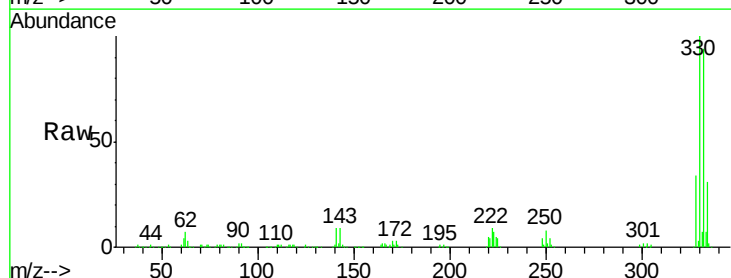
Tgt Ion:330 Resp: 656587

Ion Ratio Lower Upper

330 100

332 95.0 75.4 113.0

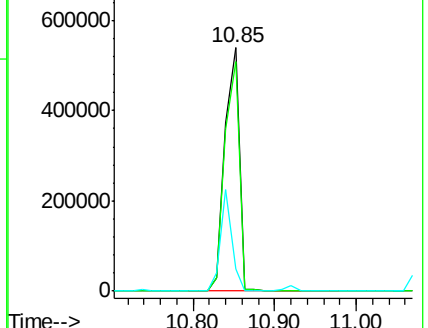
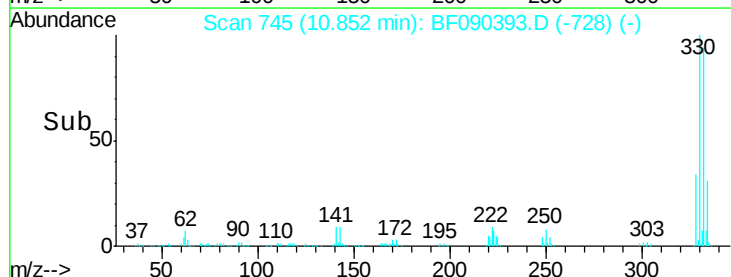
141 33.5 26.9 40.3

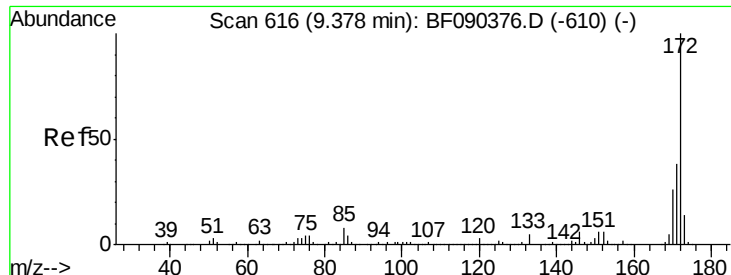


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

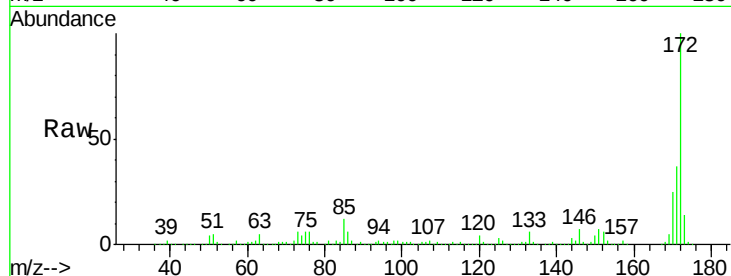




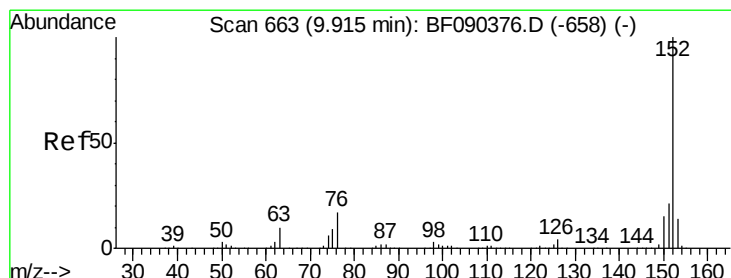
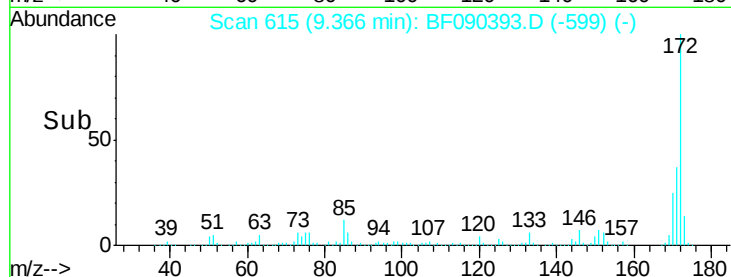
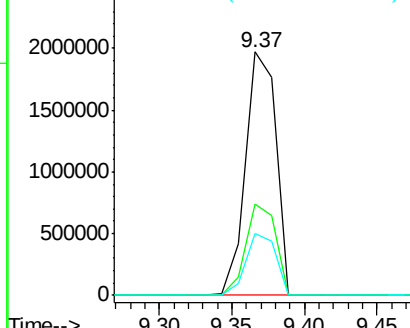
#44
2-Fluorobiphenyl
Concen: 95.11 ng
RT: 9.37 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

Tot Ion:172 Resp: 2863866
Ion Ratio Lower Upper
172 100
171 37.4 31.8 47.8
170 25.2 21.7 32.5

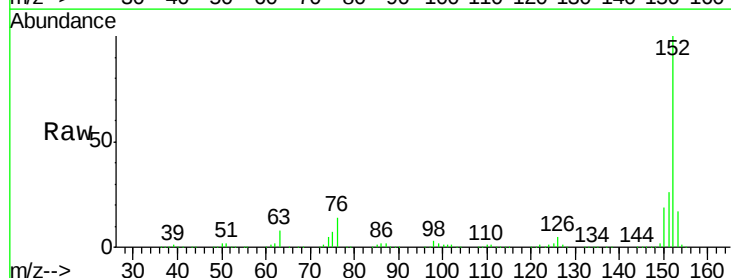


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

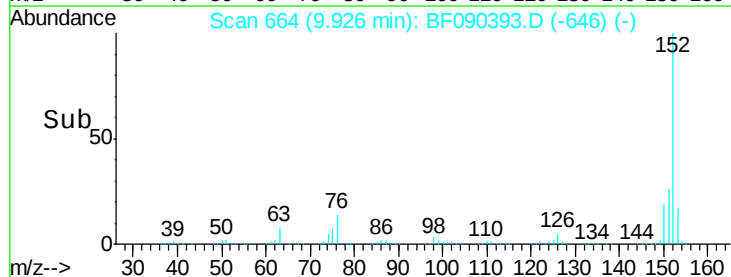
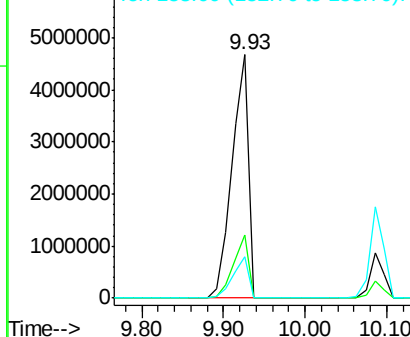


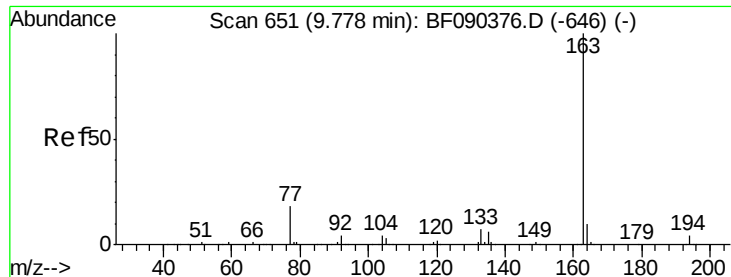
#48
Acenaphthylene
Concen: 143.67 ng
RT: 9.93 min Scan# 664
Delta R.T. 0.01 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

Tgt Ion:152 Resp: 6511333
Ion Ratio Lower Upper
152 100
151 26.0 17.4 26.0
153 16.9 11.6 17.4



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

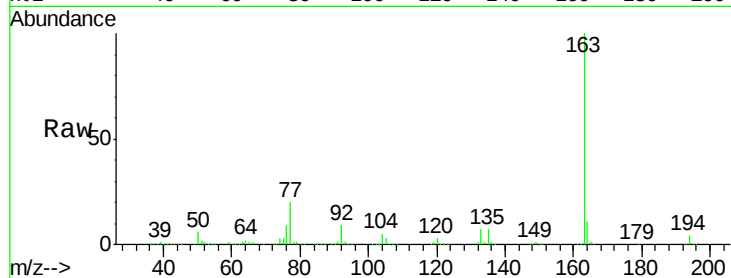




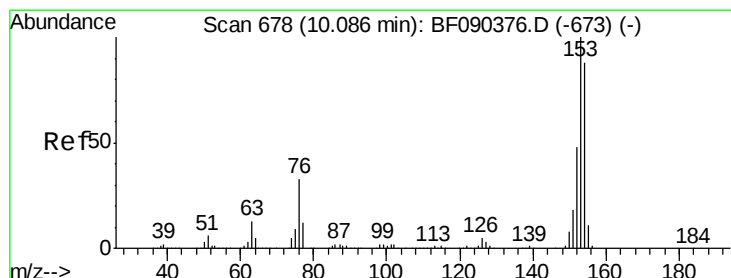
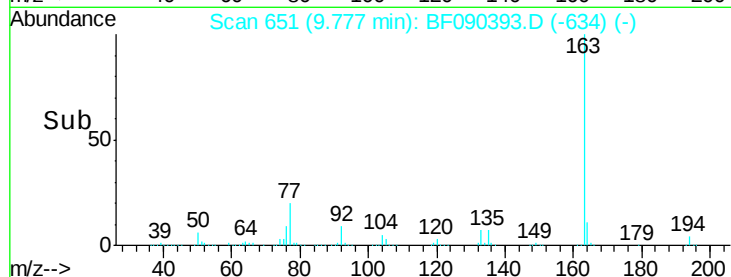
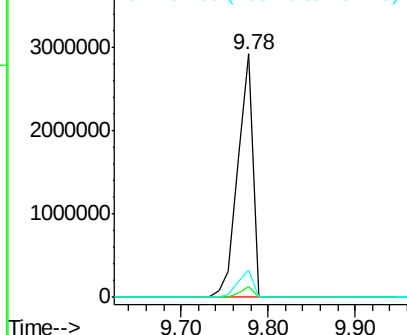
#49
Dimethylphthalate
Concen: 106.45 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

Tot Ion:163 Resp: 3420081
Ion Ratio Lower Upper
163 100
194 4.2 2.8 4.2#
164 11.3 9.0 13.4

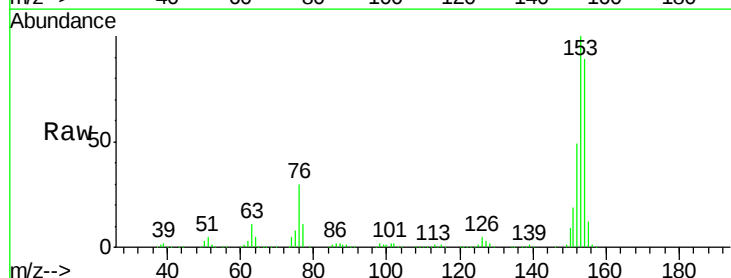


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

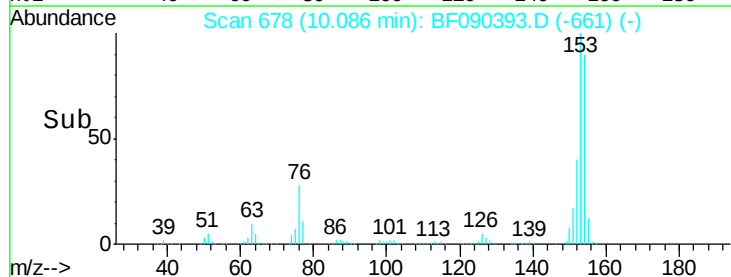
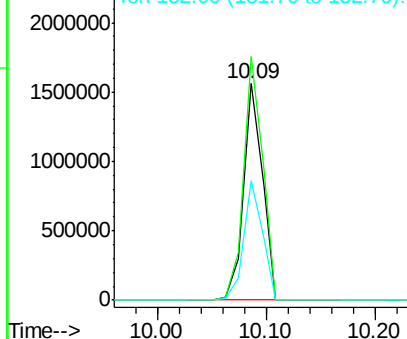


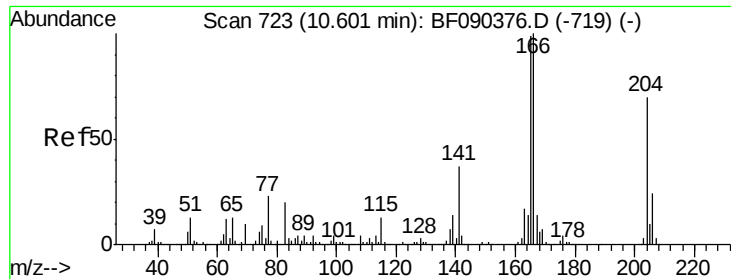
#51
Acenaphthene
Concen: 65.91 ng
RT: 10.09 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

Tgt Ion:154 Resp: 1862675
Ion Ratio Lower Upper
154 100
153 112.4 88.6 133.0
152 55.0 42.6 64.0



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

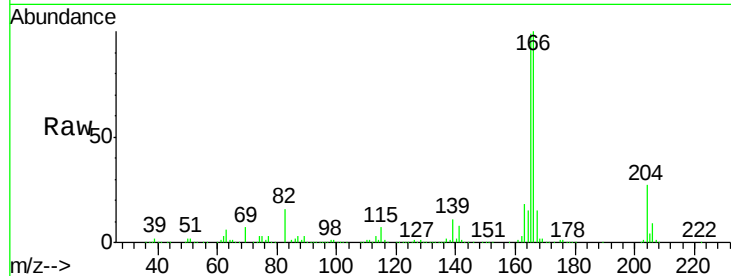




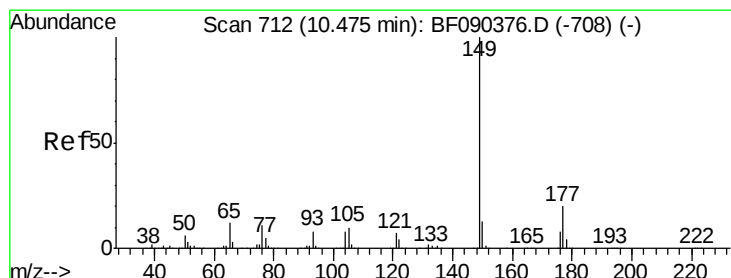
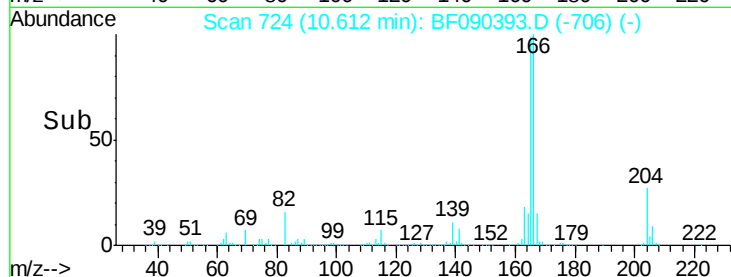
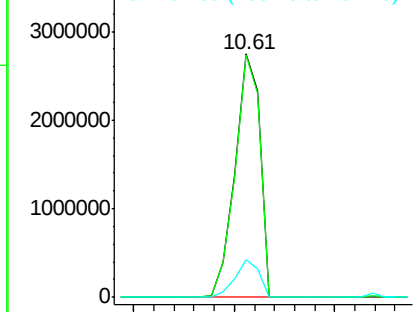
#57
 Fluorene
 Concen: 153.58 ng
 RT: 10.61 min Scan# 724
 Delta R.T. 0.01 min
 Lab File: BF090393.D
 Acq: 5 Oct 2016 21:29

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

Tot Ion:166 Resp: 4720905
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.2 118.8
 167 15.3 11.1 16.7

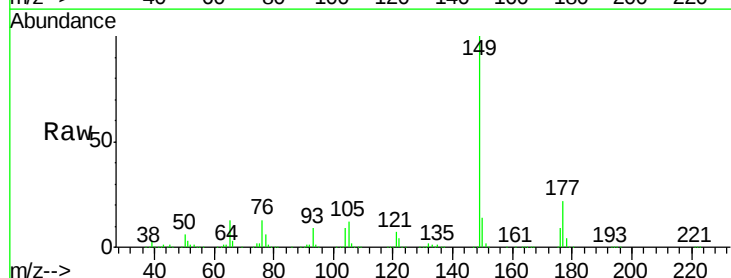


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

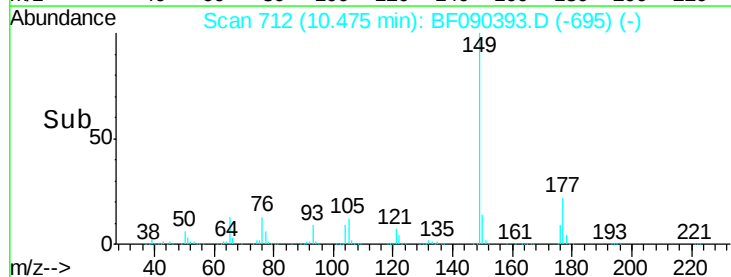
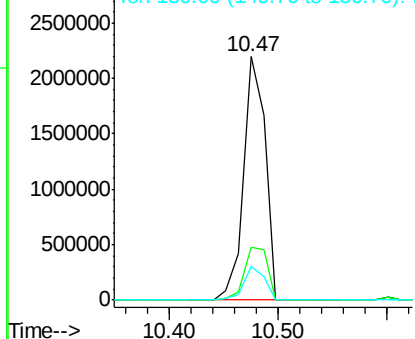


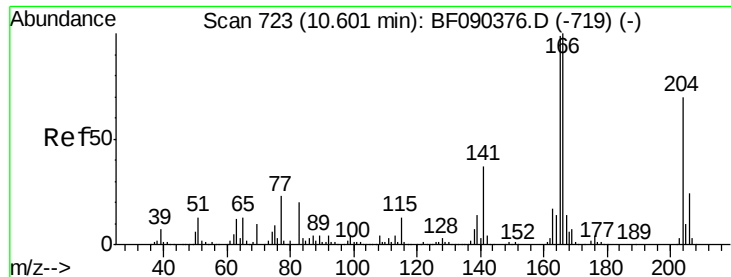
#59
 Diethylphthalate
 Concen: 90.19 ng
 RT: 10.47 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: BF090393.D
 Acq: 5 Oct 2016 21:29

Tgt Ion:149 Resp: 2998349
 Ion Ratio Lower Upper
 149 100
 177 21.5 21.1 31.7
 150 13.9 10.2 15.2



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: 123.82 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

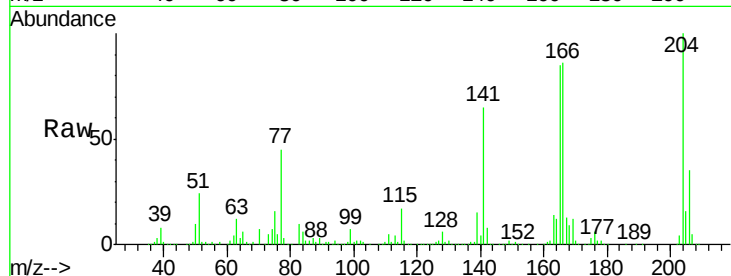
Tot Ion:204 Resp: 1730562

Ion Ratio Lower Upper

204 100

206 34.7 26.7 40.1

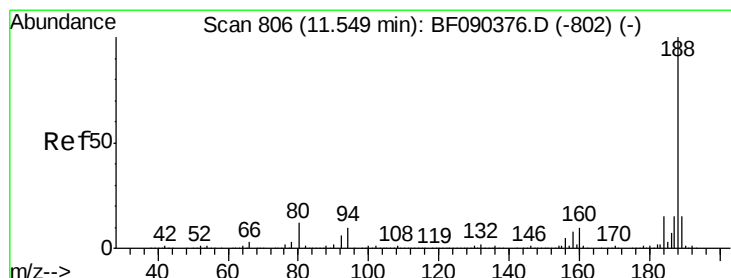
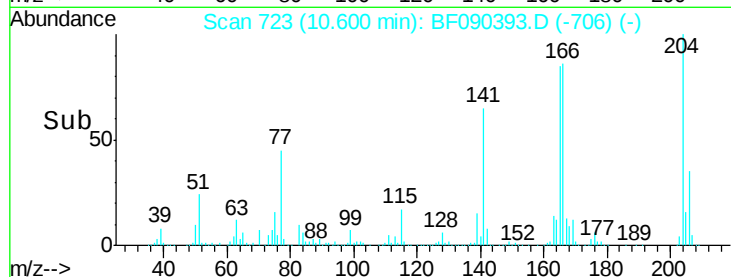
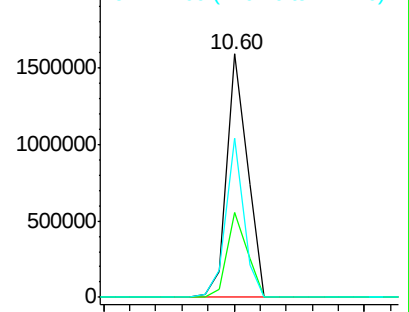
141 65.2 51.7 77.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.54 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

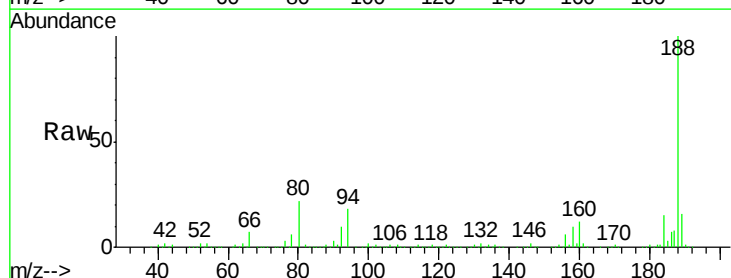
Tgt Ion:188 Resp: 741661

Ion Ratio Lower Upper

188 100

94 17.9 8.2 12.2#

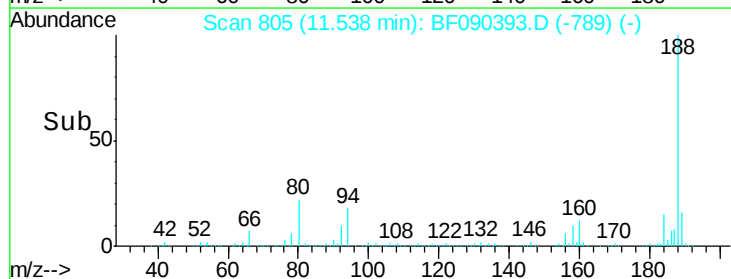
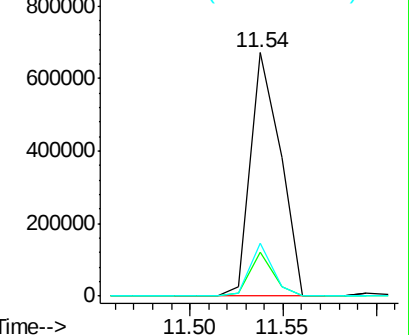
80 21.9 8.8 13.2#

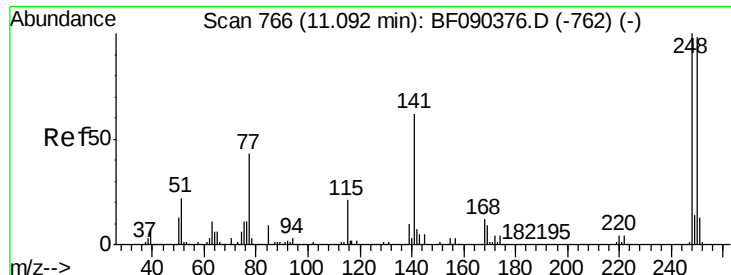


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

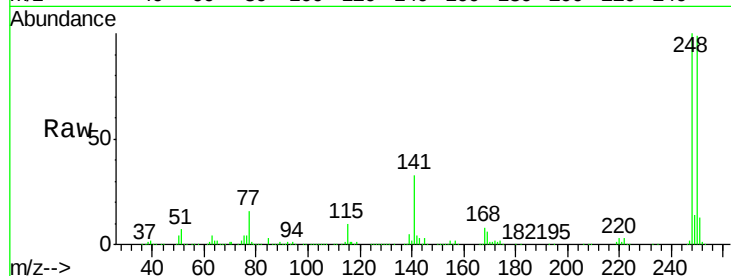




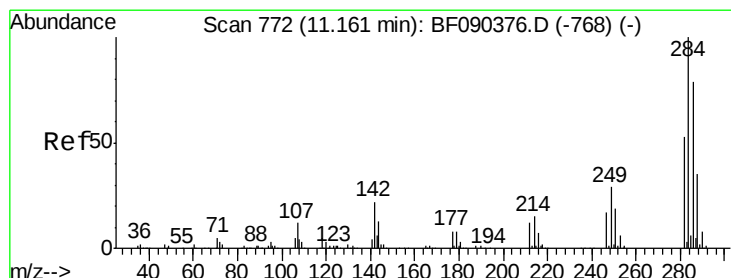
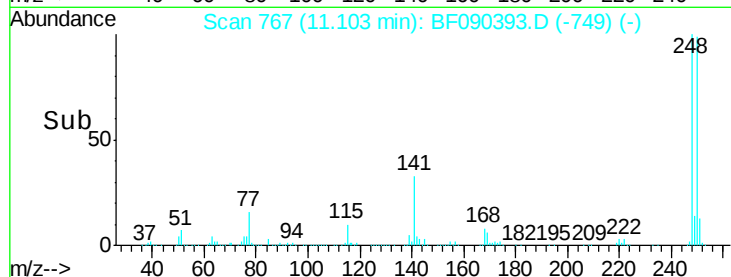
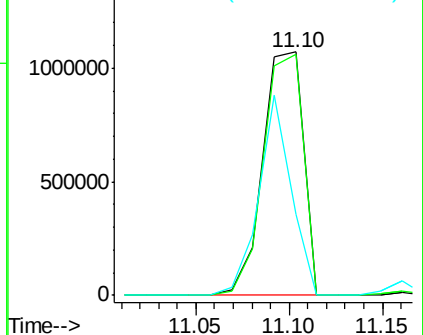
#66
4-Bromophenyl-phenylether
Concen: 222.07 ng
RT: 11.10 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

Instrument :
BNA_F
ClientSampled :
PT-BN-WP

Tot Ion:248 Resp: 1614427
Ion Ratio Lower Upper
248 100
250 99.2 76.5 114.7
141 33.2 59.8 89.6#

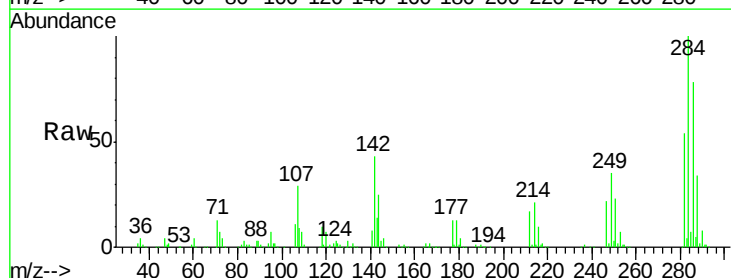


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

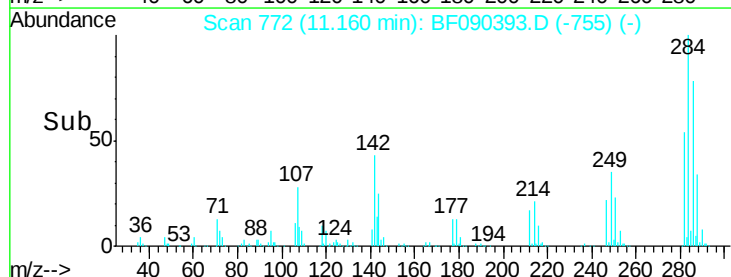
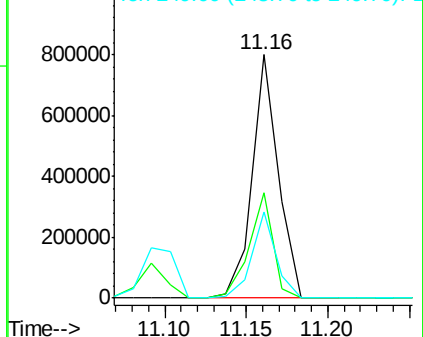


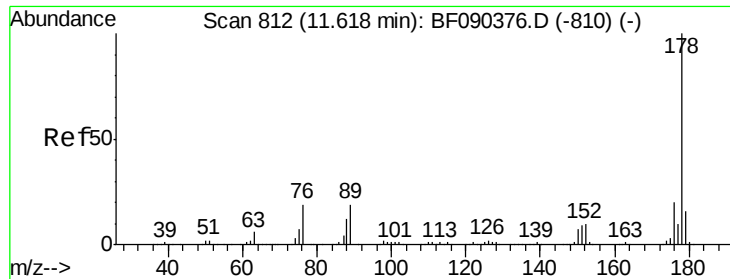
#67
Hexachlorobenzene
Concen: 109.32 ng
RT: 11.16 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

Tgt Ion:284 Resp: 885125
Ion Ratio Lower Upper
284 100
142 43.5 23.1 34.7#
249 35.5 26.3 39.5



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

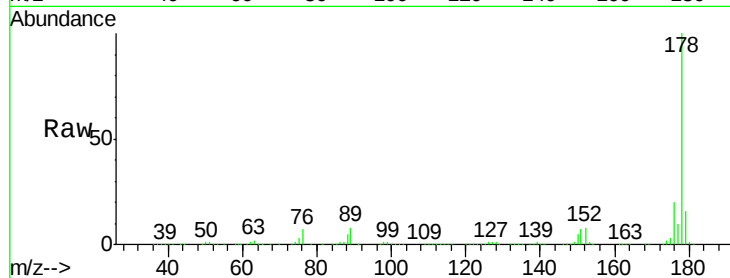




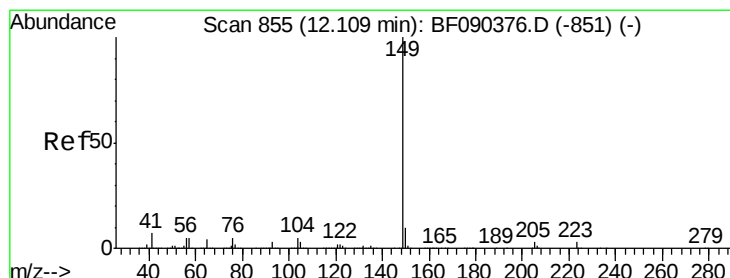
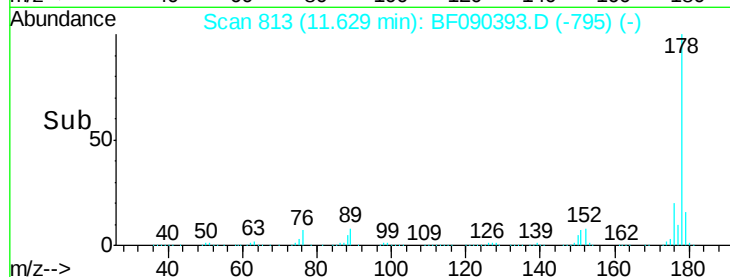
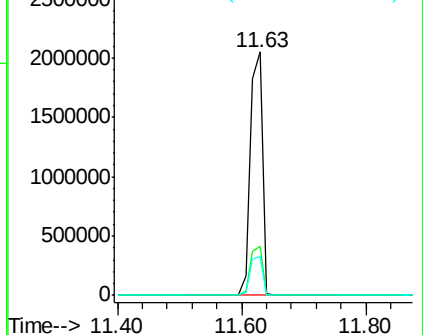
#71
 Anthracene
 Concen: 72.03 ng
 RT: 11.63 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF090393.D
 Acq: 5 Oct 2016 21:29

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

Tot Ion:178 Resp: 2793311
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.8 25.2
 179 16.1 13.4 20.2

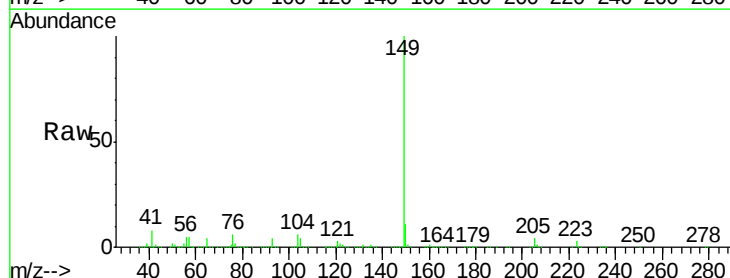


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

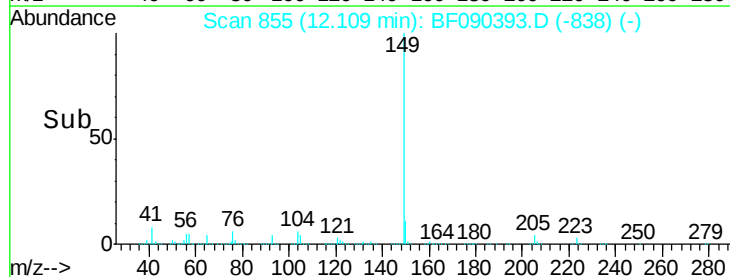
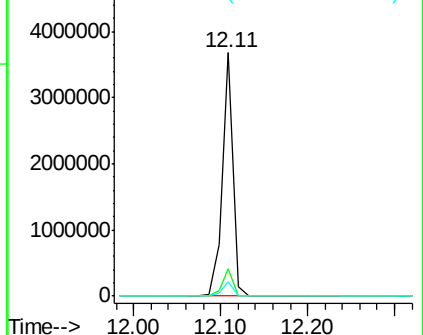


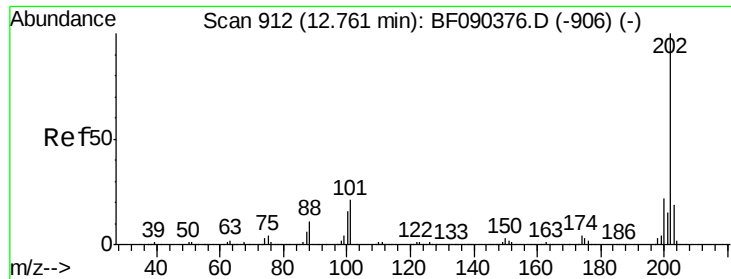
#73
 Di-n-butylphthalate
 Concen: 72.38 ng
 RT: 12.11 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: BF090393.D
 Acq: 5 Oct 2016 21:29

Tgt Ion:149 Resp: 3174006
 Ion Ratio Lower Upper
 149 100
 150 11.1 8.6 12.8
 104 5.8 4.7 7.1



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

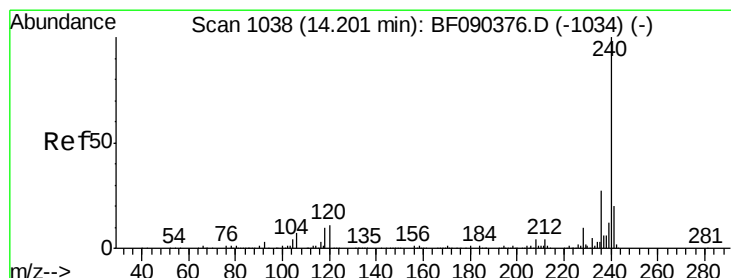
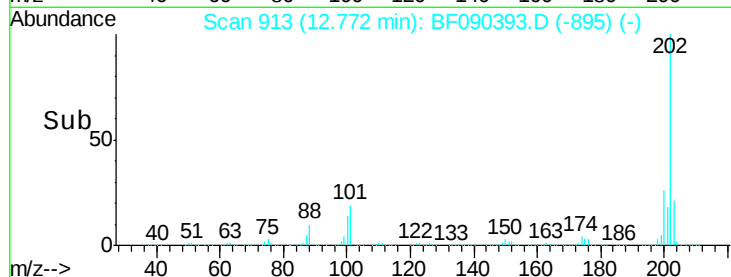
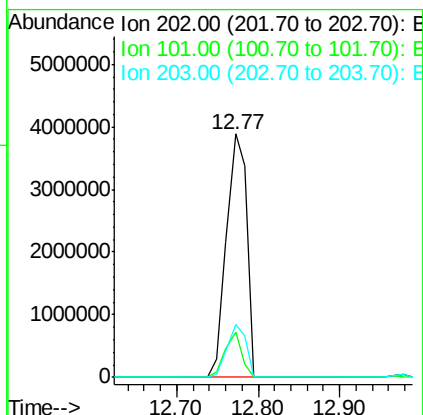
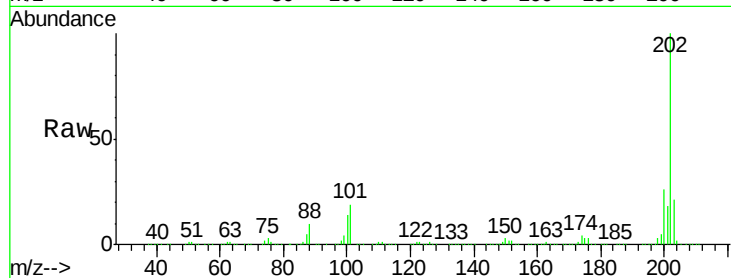




#74
 Fluoranthene
 Concen: 180.12 ng
 RT: 12.77 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: BF090393.D
 Acq: 5 Oct 2016 21:29

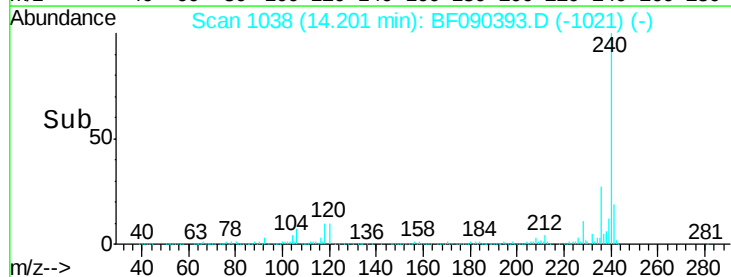
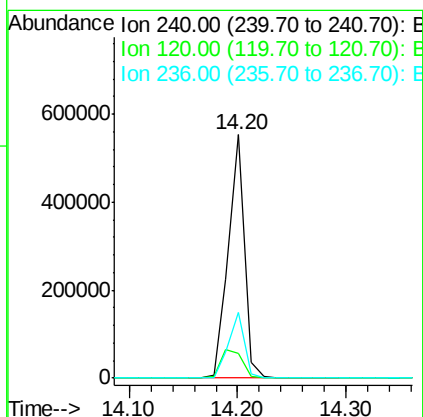
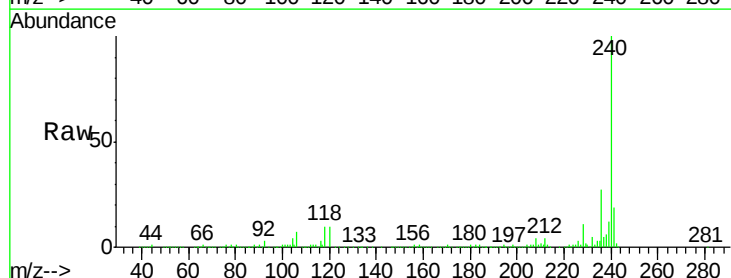
Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

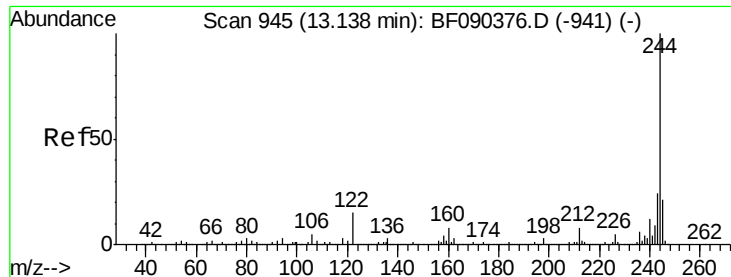
Tot Ion:202 Resp: 6709626
 Ion Ratio Lower Upper
 202 100
 101 18.7 0.0 37.2
 203 21.5 0.0 39.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.20 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF090393.D
 Acq: 5 Oct 2016 21:29

Tgt Ion:240 Resp: 567020
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.6 13.0
 236 26.8 21.6 32.4

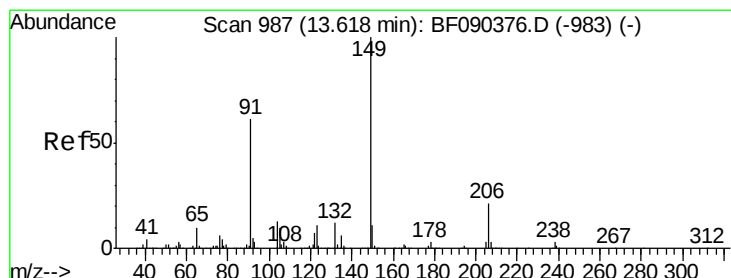
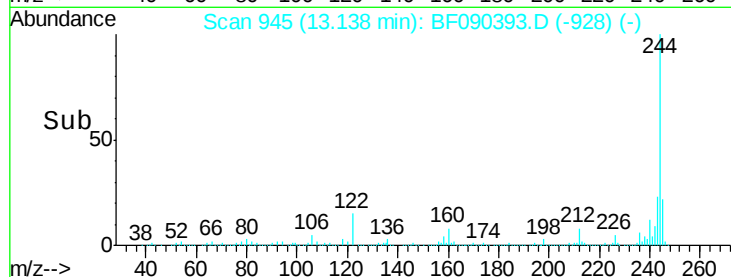
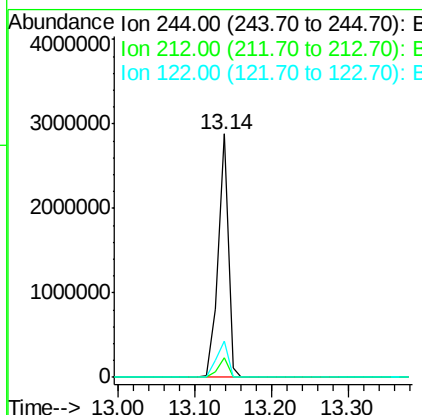
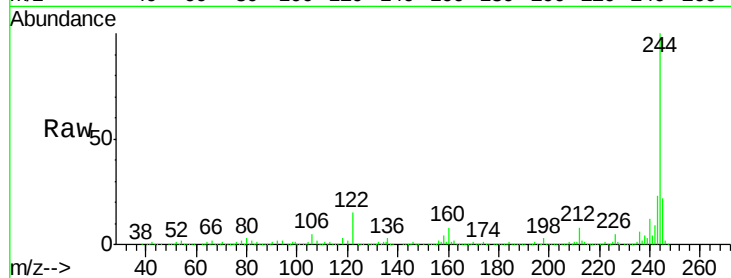




#78
 Terphenyl-d14
 Concen: 104.54 ng
 RT: 13.14 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF090393.D
 Acq: 5 Oct 2016 21:29

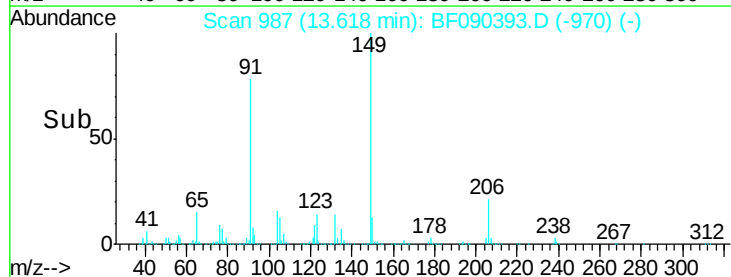
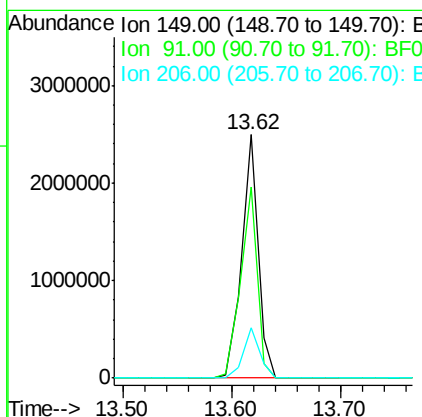
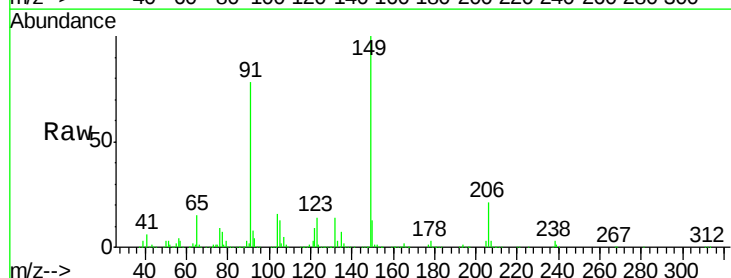
Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

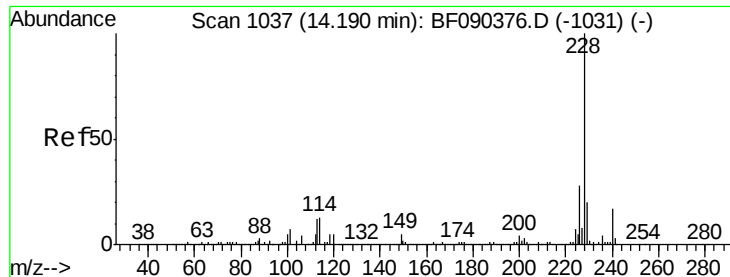
Tot Ion:244 Resp: 2636676
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.8 10.2
 122 14.7 13.3 19.9



#79
 Butylbenzylphthalate
 Concen: 133.44 ng
 RT: 13.62 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF090393.D
 Acq: 5 Oct 2016 21:29

Tgt Ion:149 Resp: 2588841
 Ion Ratio Lower Upper
 149 100
 91 78.3 51.8 77.8#
 206 20.6 18.0 27.0





#80

Benzo(a)anthracene

Concen: 54.37 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

Instrument :

BNA_F

ClientSampled :

PT-BN-WP

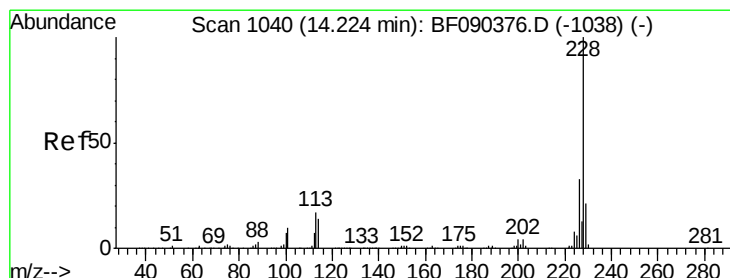
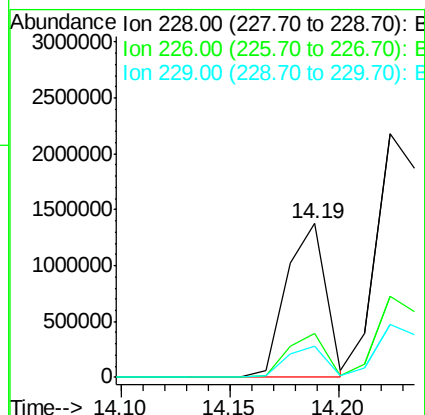
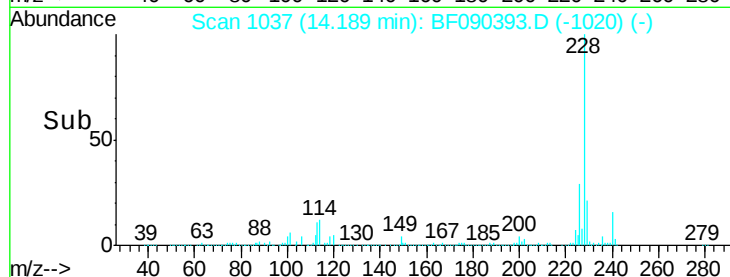
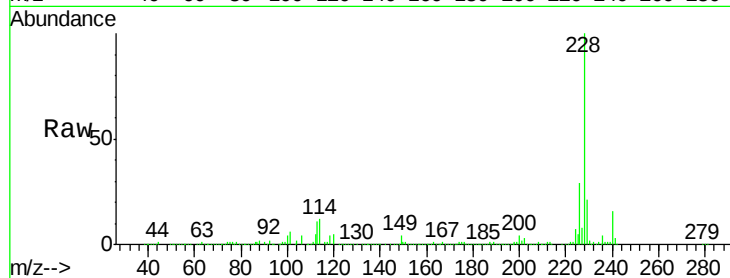
Tot Ion:228 Resp: 1729651

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.6	35.4
229	20.6	16.6	25.0

228 100

226 28.7 23.6 35.4

229 20.6 16.6 25.0



#82

Chrysene

Concen: 105.10 ng

RT: 14.22 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

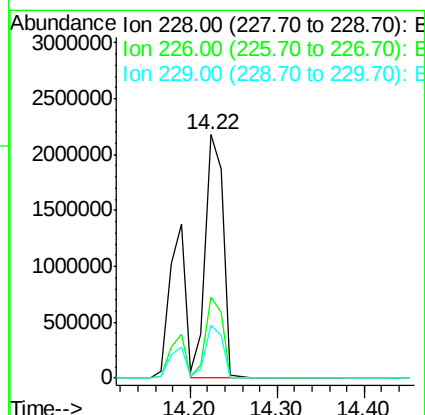
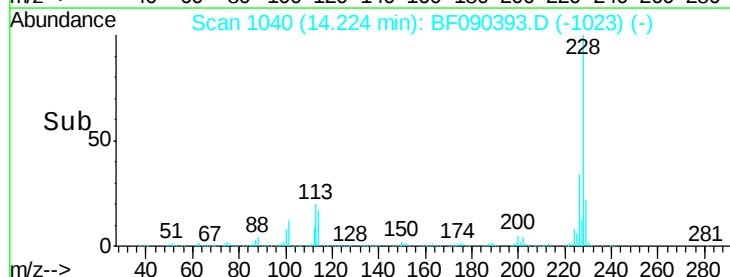
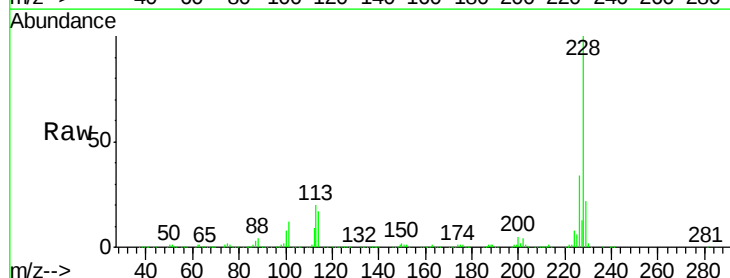
Tgt Ion:228 Resp: 3077226

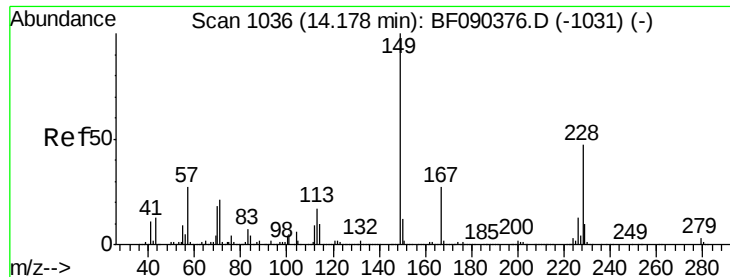
Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.8	38.6
229	21.9	16.9	25.3

228 100

226 33.5 25.8 38.6

229 21.9 16.9 25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 61.89 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

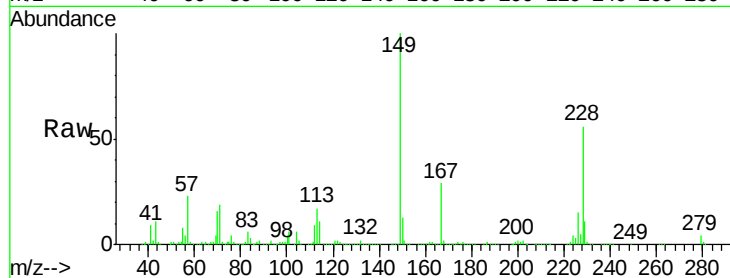
Tot Ion:149 Resp: 1706694

Ion Ratio Lower Upper

149 100

167 28.5 21.5 32.3

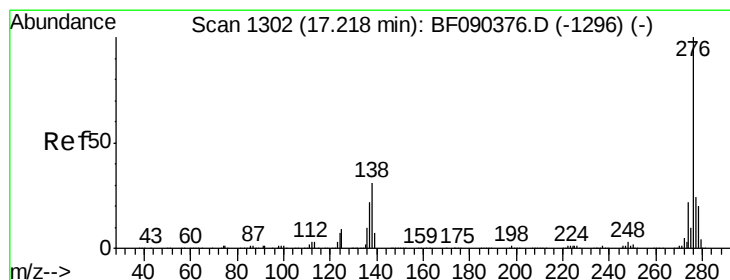
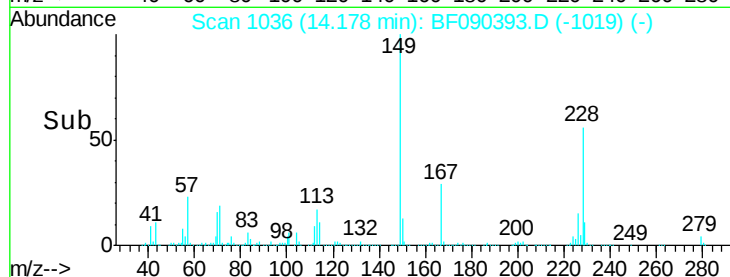
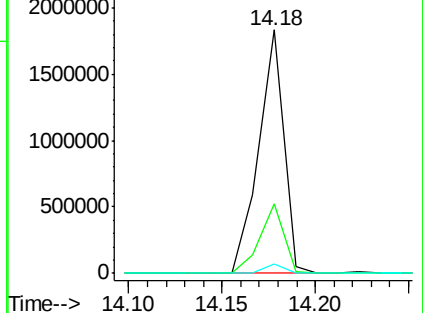
279 3.7 2.6 3.8



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 75.67 ng

RT: 17.23 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

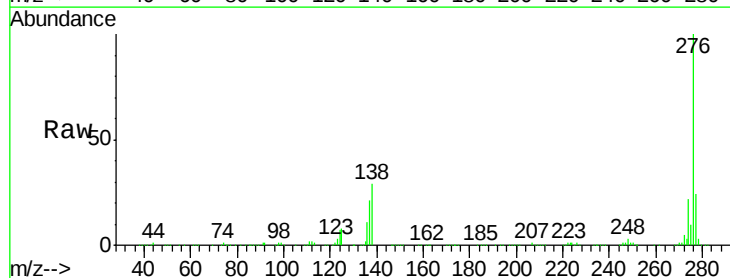
Tgt Ion:276 Resp: 1579697

Ion Ratio Lower Upper

276 100

138 28.1 23.8 35.8

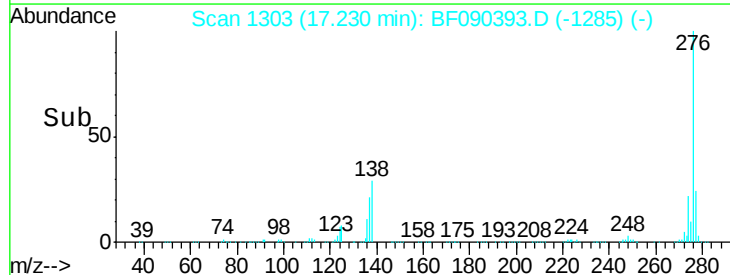
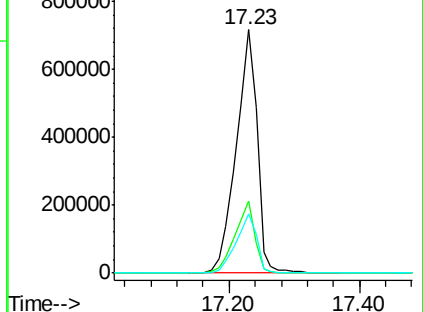
277 24.3 20.4 30.6

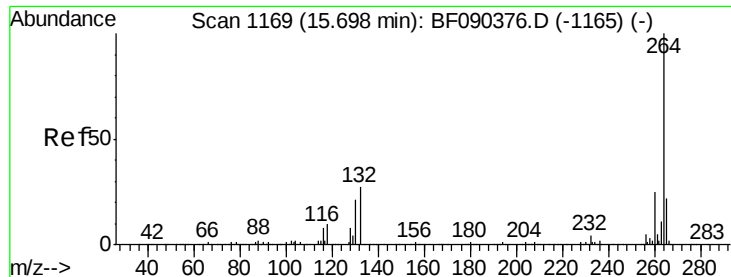


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

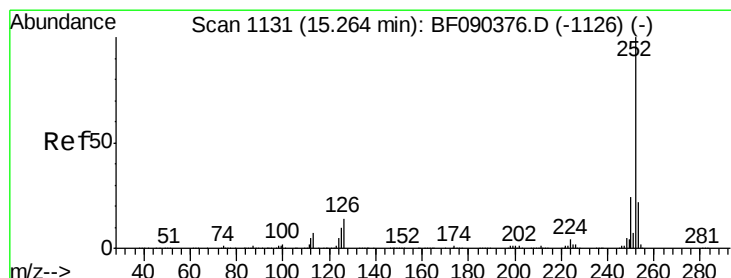
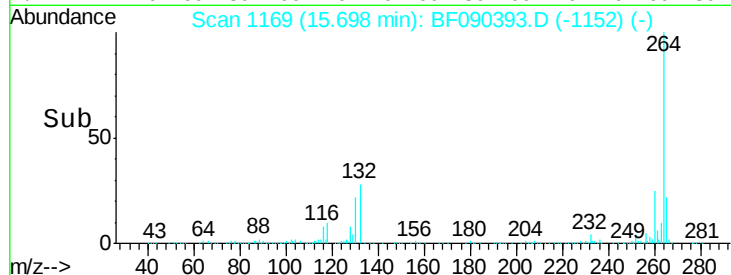
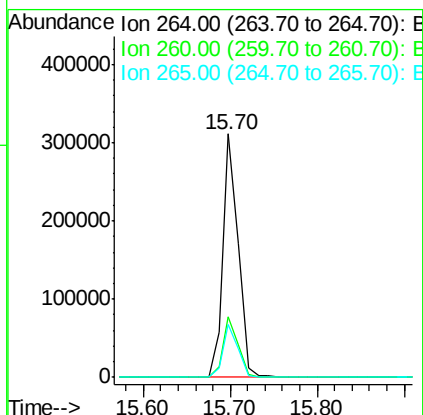
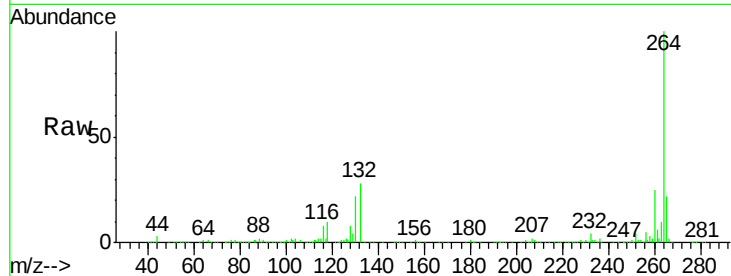




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

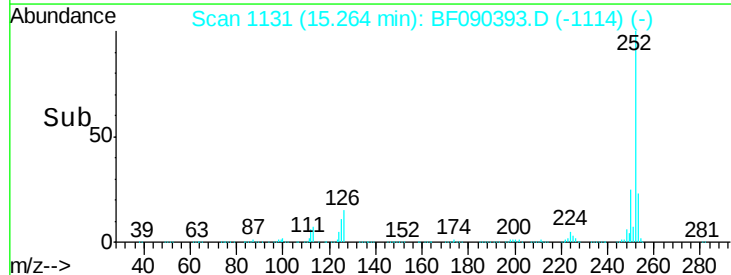
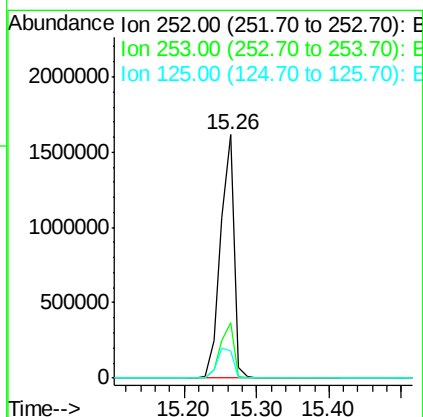
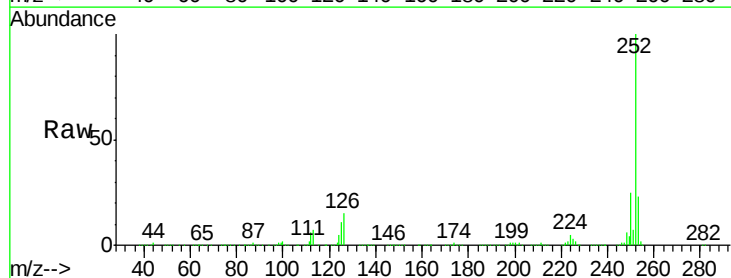
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

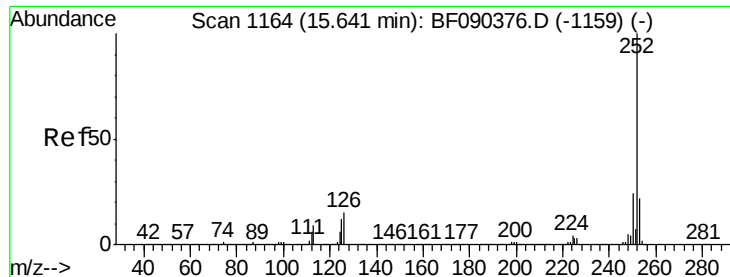
Tot Ion:264 Resp: 384981
Ion Ratio Lower Upper
264 100
260 24.7 19.3 28.9
265 21.8 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 85.24 ng
RT: 15.26 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

Tgt Ion:252 Resp: 2090244
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 11.2 7.0 10.4#

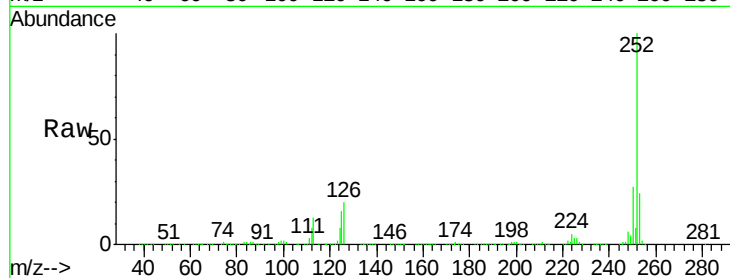




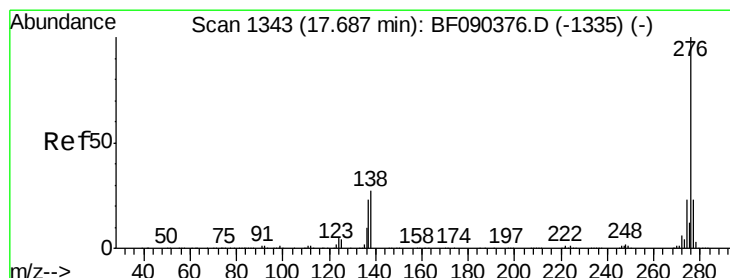
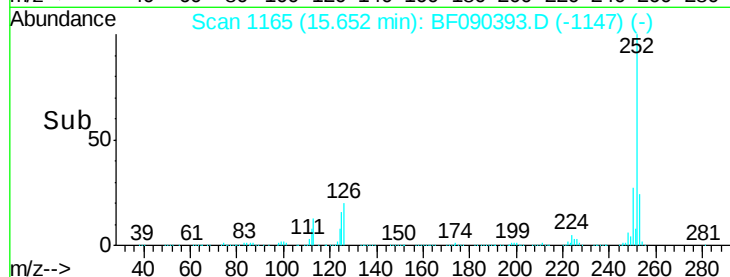
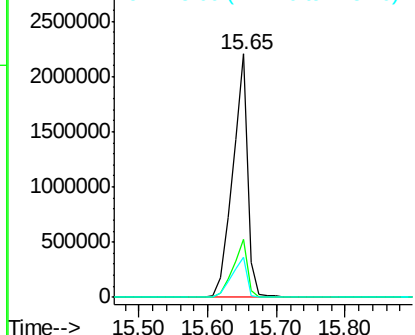
#89
Benzo(a)pyrene
Concen: 160.37 ng
RT: 15.65 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

Instrument :
BNA_F
ClientSampleID :
PT-BN-WP

Tot Ion:252 Resp: 3389570
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.4
125 16.2 9.8 14.8#

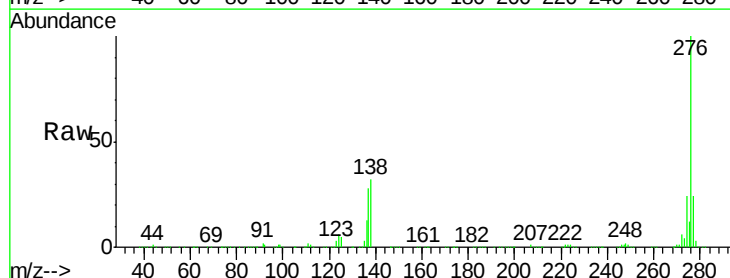


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 157.57 ng
RT: 17.71 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

Tgt Ion:276 Resp: 2719003
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.0
138 32.2 20.8 31.2#



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

