

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 01:12:56 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
6) Aniline	6.74	93	2667597	93.75	ng	# 52
10) Phenol	6.74	94	100046	4.18	ng	# 1
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
15) Benzyl Alcohol	7.16	79	34595	2.21	ng	# 50
19) n-Nitroso-di-n-propylamine	7.56	70	266502	17.64	ng	# 66
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
33) 4-Chloroaniline	8.31	127	155561	7.51	ng	# 29
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
50) 2,6-Dinitrotoluene	9.78	165	41855	5.87	ng	# 44
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
61) 4-Nitroaniline	10.61	138	62032	7.39	ng	# 24
62) Azobenzene	10.60	77	544777	14.19	ng	# 58
66) 4-Bromophenyl-phenylether	11.10	248	1614427	222.07	ng	# 77
67) Hexachlorobenzene	11.16	284	885125	109.32	ng	# 85
70) Phenanthrene	11.63	178	2792583	73.53	ng	97
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

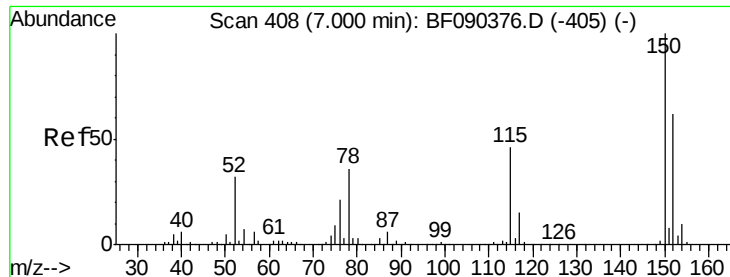
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
Data File : BF090393.D
Acq On : 5 Oct 2016 21:29
Operator : UM/SJ
Sample : H4803-03
Misc :
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QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	15.26	252	2090244	85.24	ng	# 98
88) Benzo(k)fluoranthene	15.26	252	2091130	90.78	ng	# 97
89) Benzo(a)pyrene	15.65	252	3389570	160.37	ng	# 95
90) Dibenzo(a,h)anthracene	17.23	278	43047	2.39	ng	# 65
91) Benzo(g,h,i)perylene	17.71	276	2719003	157.57	ng	# 94

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



#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

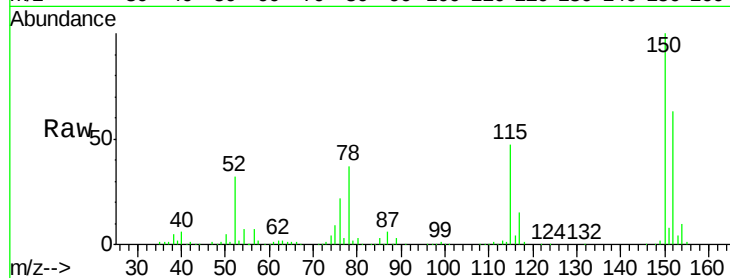
Tgt Ion:152 Resp: 234743

Ion Ratio Lower Upper

152 100

150 159.6 124.6 186.8

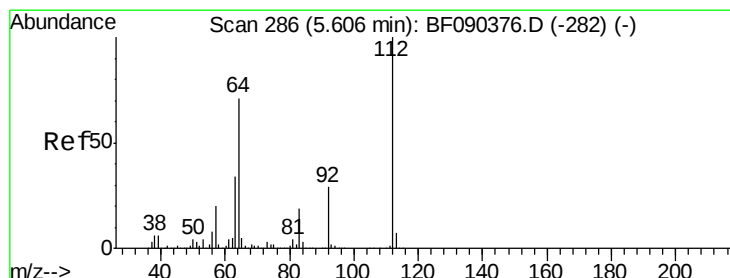
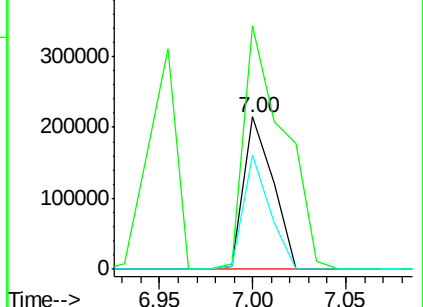
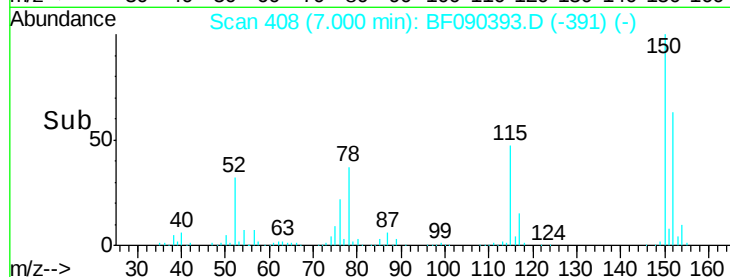
115 75.0 46.2 69.4#



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

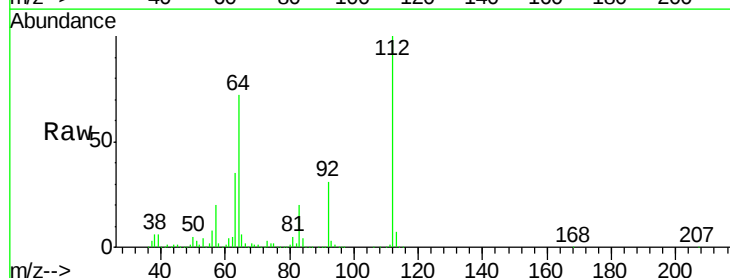
Tgt Ion:112 Resp: 2000456

Ion Ratio Lower Upper

112 100

64 72.1 57.9 86.9

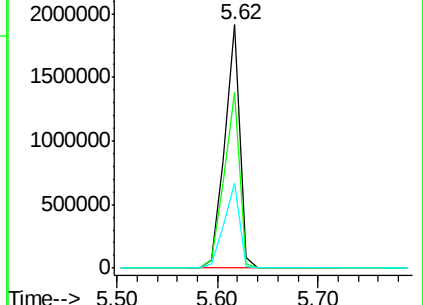
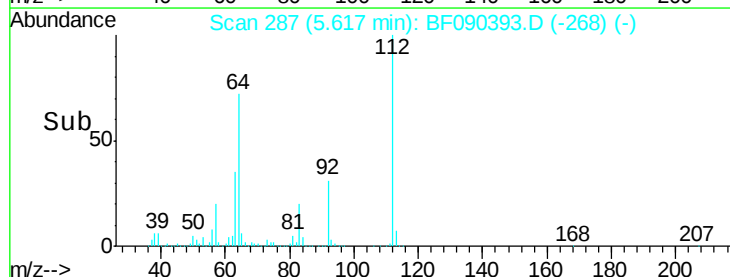
63 34.8 29.6 44.4

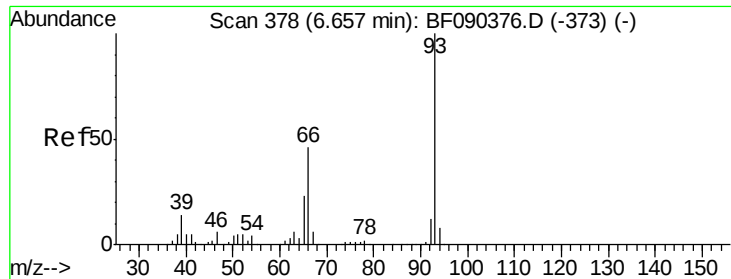


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 93.75 ng

RT: 6.74 min Scan# 385

Delta R.T. 0.08 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

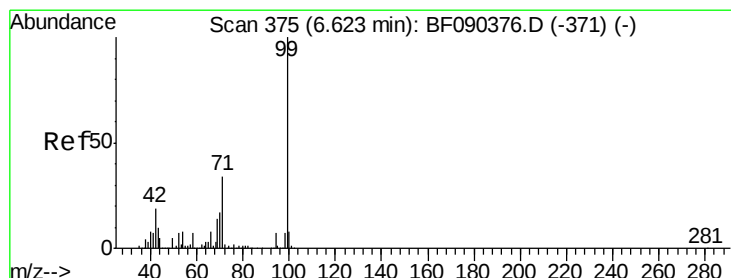
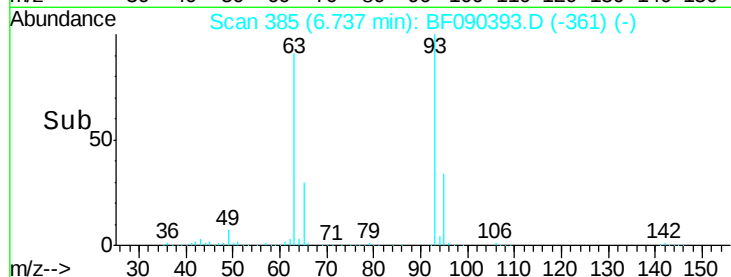
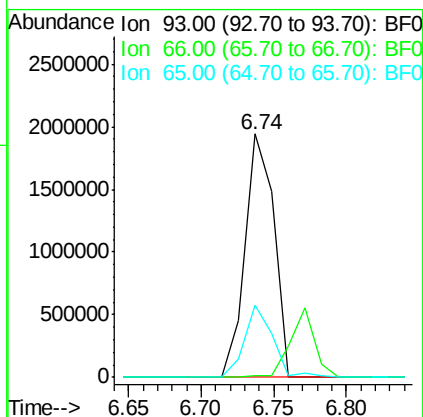
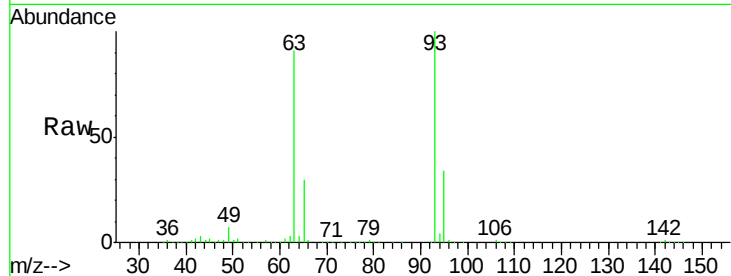
Tgt Ion: 93 Resp: 2667597

Ion Ratio Lower Upper

93 100

66 0.7 34.5 51.7#

65 29.8 18.2 27.2#



#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

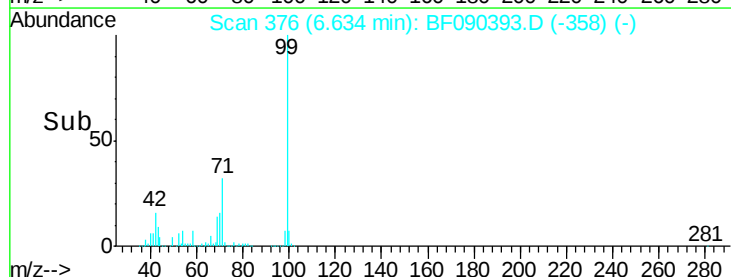
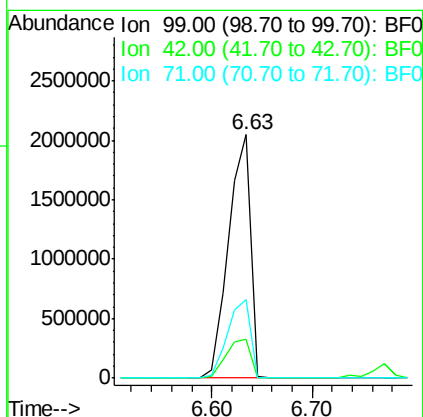
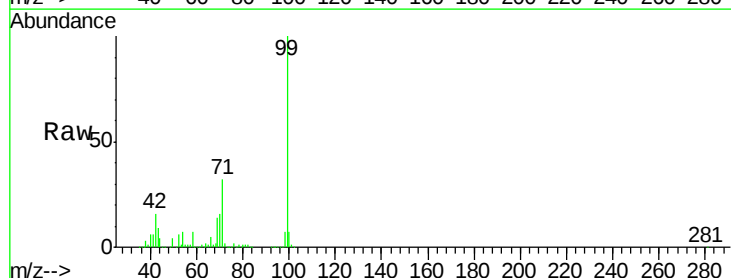
Tgt Ion: 99 Resp: 3096934

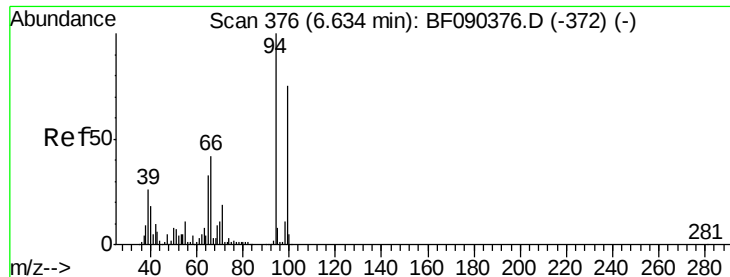
Ion Ratio Lower Upper

99 100

42 16.0 20.0 30.0#

71 32.1 27.9 41.9





#10

Phenol

Concen: 4.18 ng

RT: 6.74 min Scan# 385

Delta R.T. 0.10 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

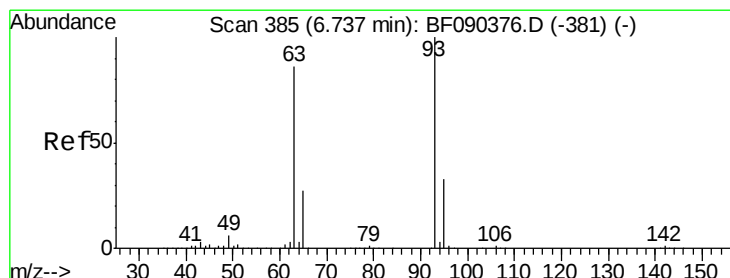
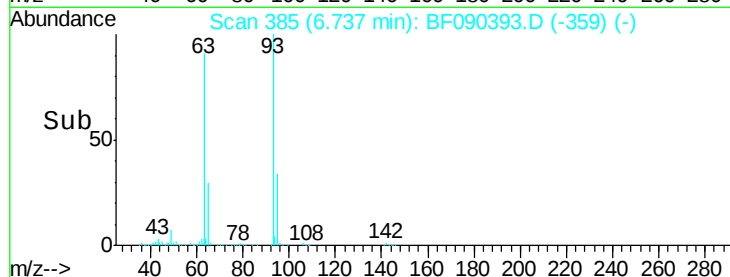
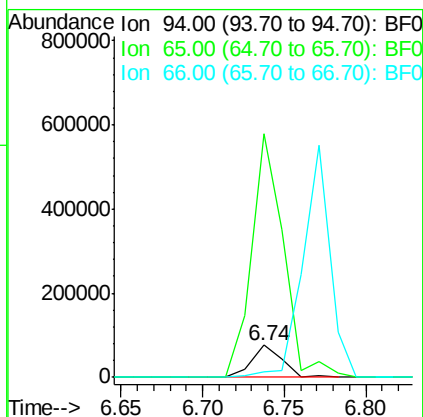
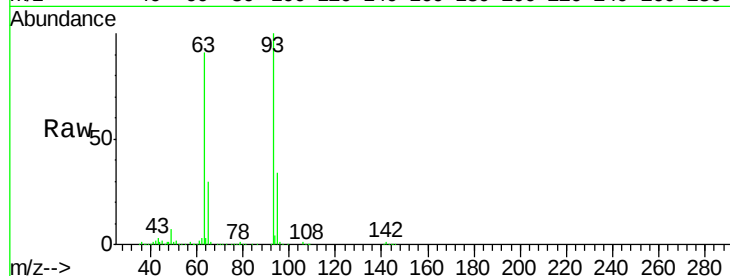
Tgt Ion: 94 Resp: 100046

Ion Ratio Lower Upper

94 100

65 765.3 13.3 53.3#

66 18.7 20.4 60.4#



#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

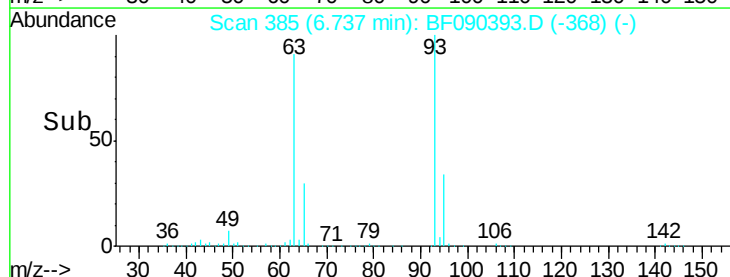
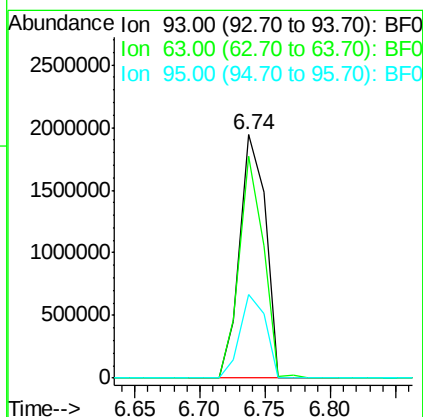
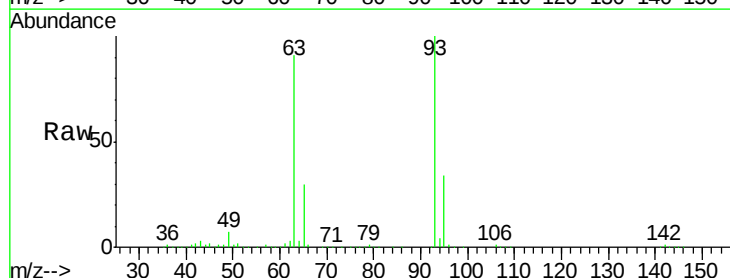
Tgt Ion: 93 Resp: 2667294

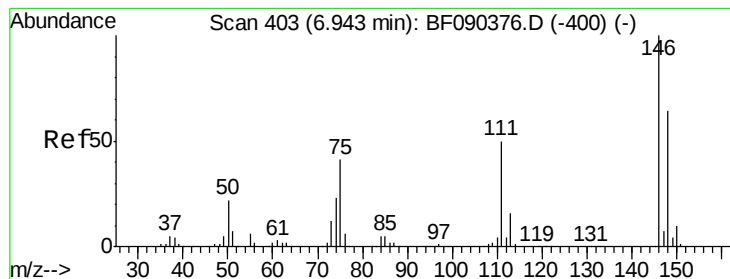
Ion Ratio Lower Upper

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

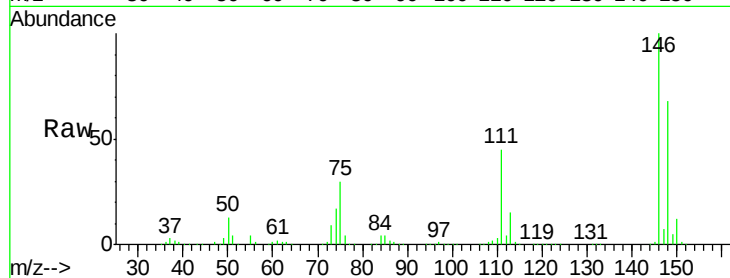
Tgt Ion:146 Resp: 2883571

Ion Ratio Lower Upper

146 100

148 68.2 52.2 78.4

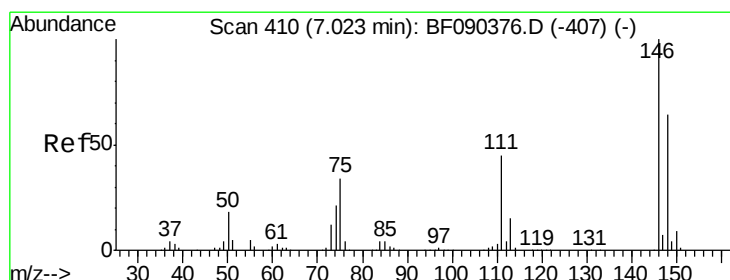
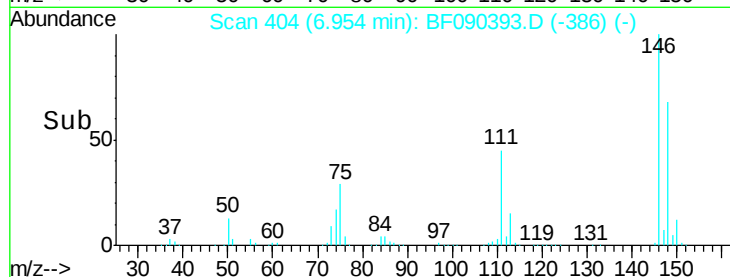
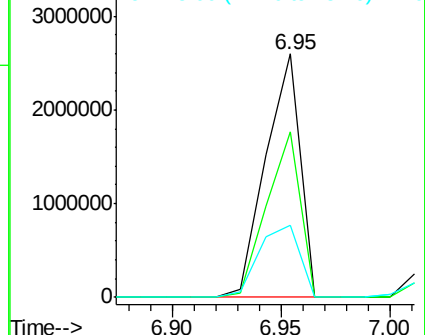
75 29.5 21.4 32.2



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): BFO



#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

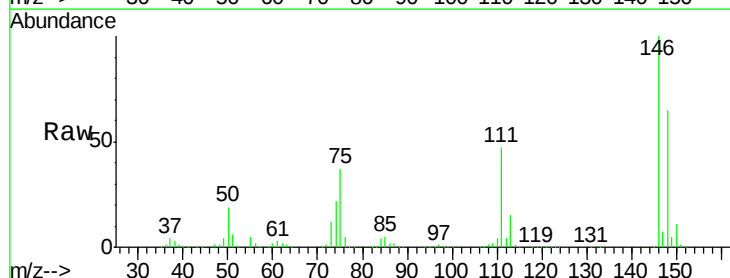
Tgt Ion:146 Resp: 1353673

Ion Ratio Lower Upper

146 100

148 65.1 51.1 76.7

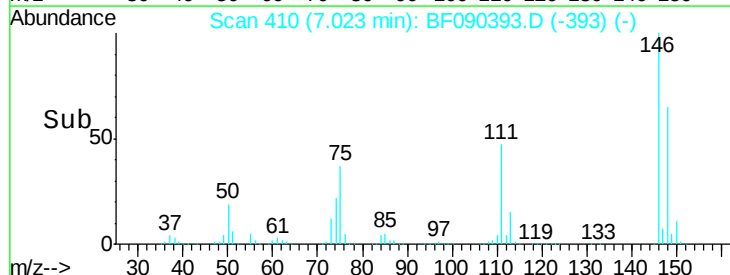
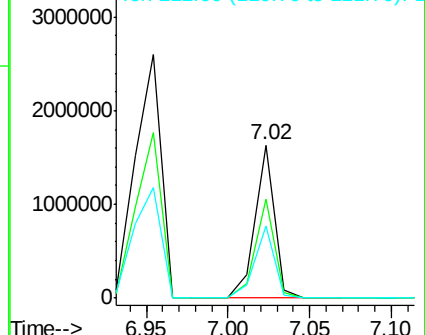
111 47.3 37.8 56.6

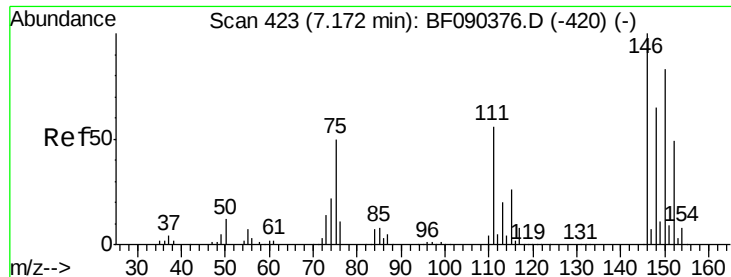


Abundance Ion 146.00 (145.70 to 146.70): E

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

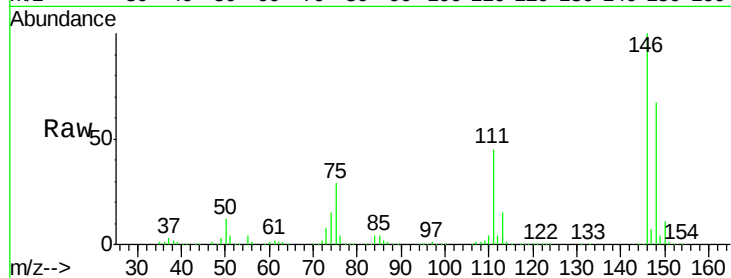
Tgt Ion:146 Resp: 2053584

Ion Ratio Lower Upper

146 100

148 66.6 52.3 78.5

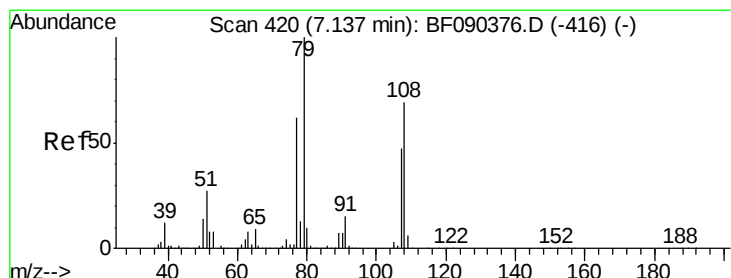
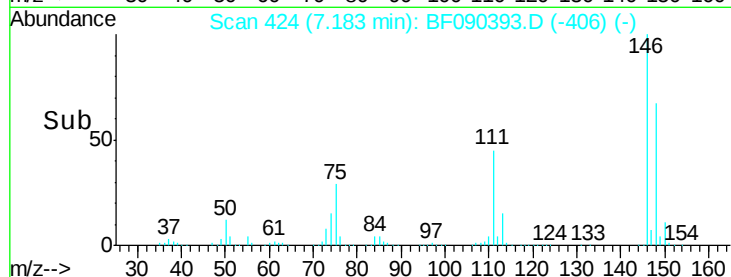
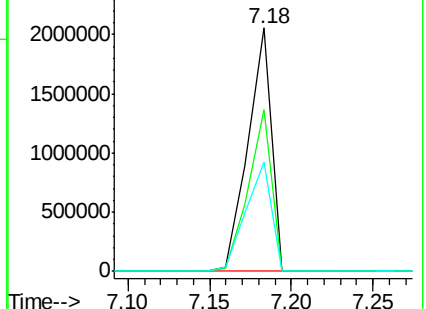
111 44.9 38.2 57.4



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



#15

Benzyl Alcohol

Concen: 2.21 ng

RT: 7.16 min Scan# 422

Delta R.T. 0.02 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

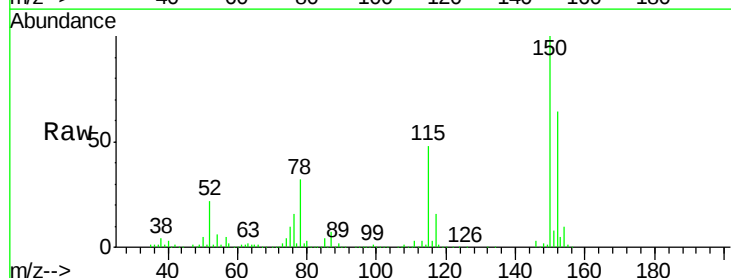
Tgt Ion: 79 Resp: 34595

Ion Ratio Lower Upper

79 100

108 27.9 60.9 91.3#

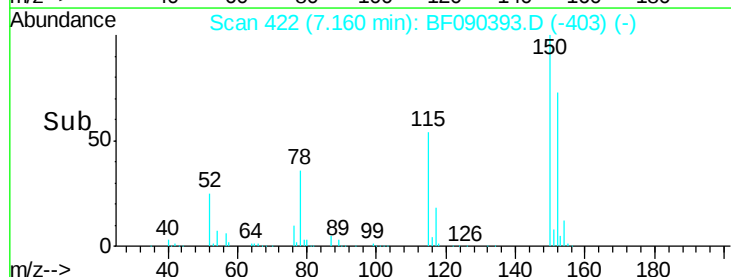
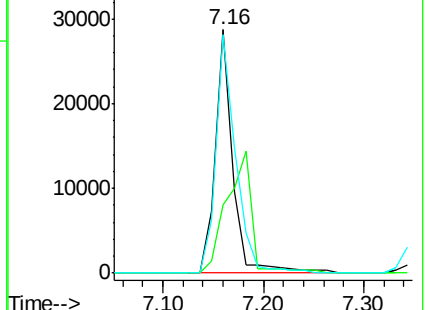
77 97.9 51.5 77.3#

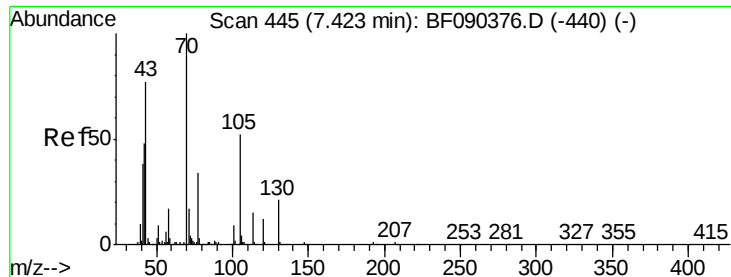


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

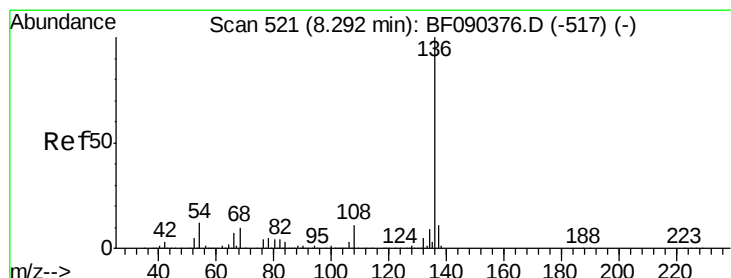
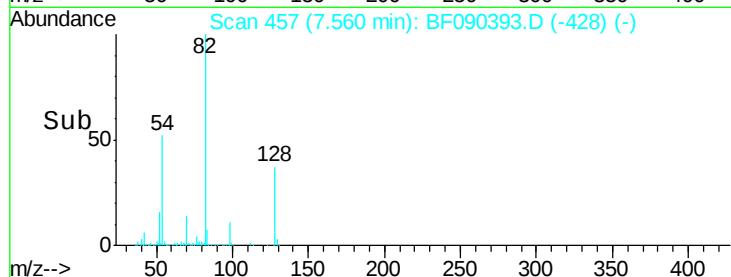
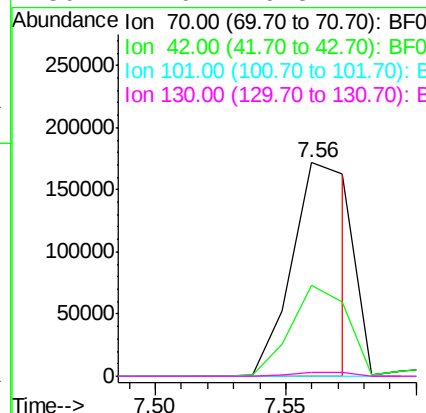
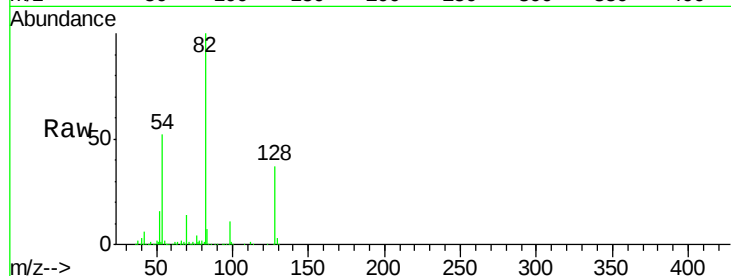




#19
n-Nitroso-di-n-propylamine
Concen: 17.64 ng
RT: 7.56 min Scan# 457
Delta R.T. 0.14 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

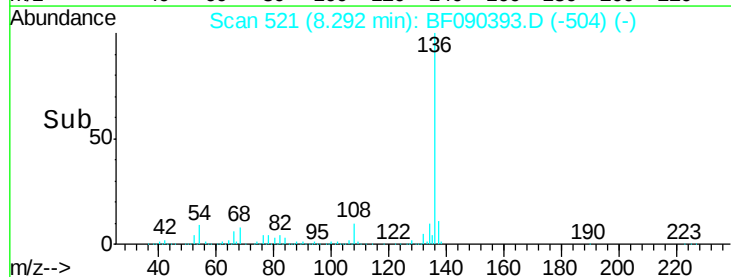
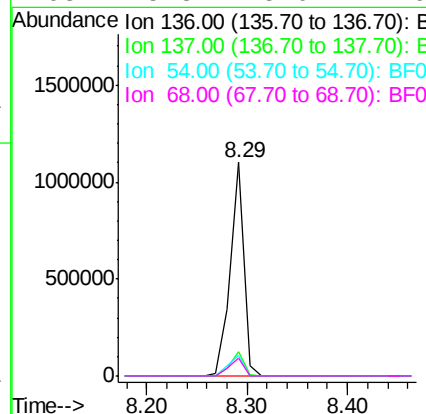
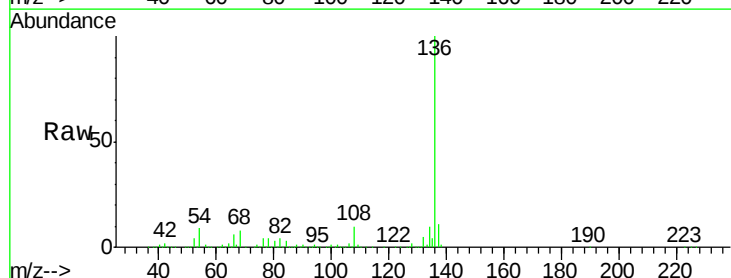
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

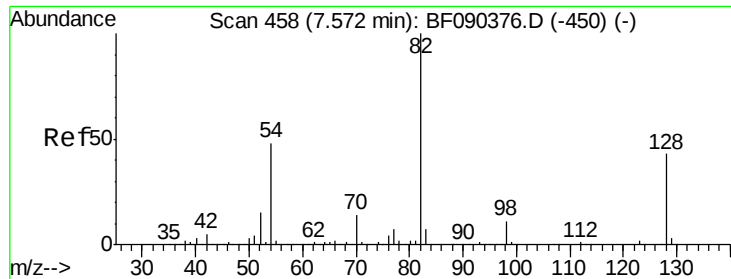
Tgt Ion: 70 Resp: 266502
Ion Ratio Lower Upper
70 100
42 42.6 55.4 83.2#
101 0.0 7.6 11.4#
130 1.9 16.5 24.7#



#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#

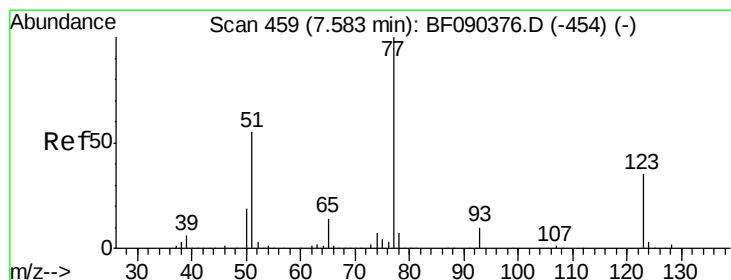
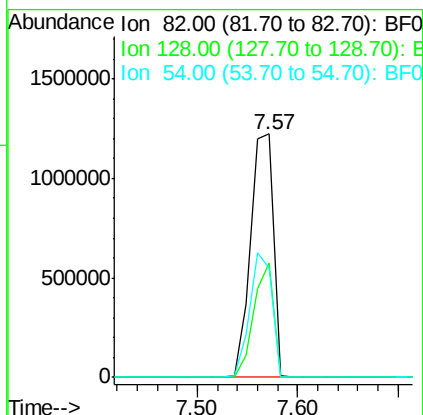
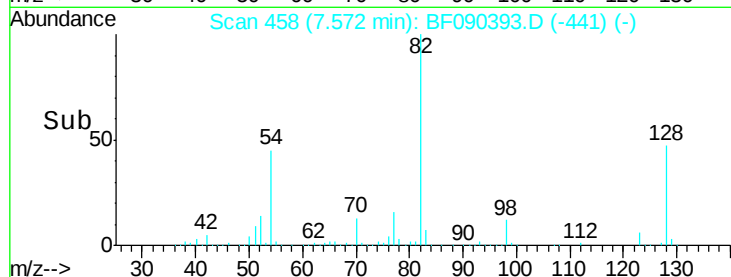
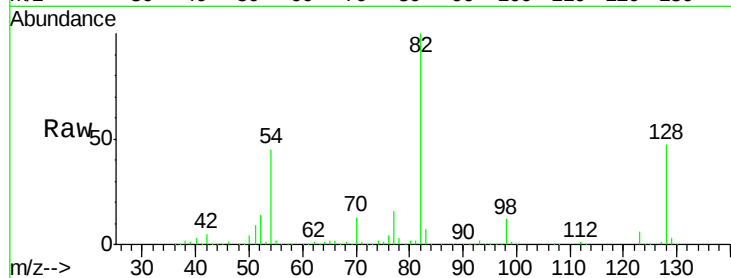




#23
 Nitrobenzene-d5
 Concen: 90.50 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090393.D
 Acq: 5 Oct 2016 21:29

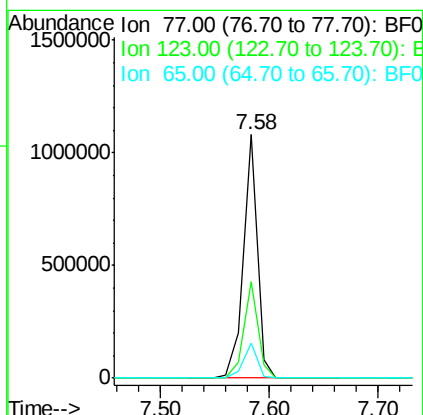
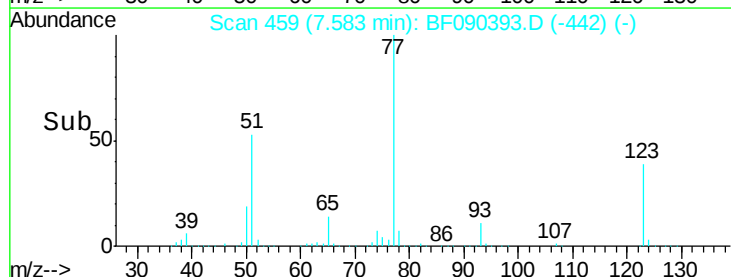
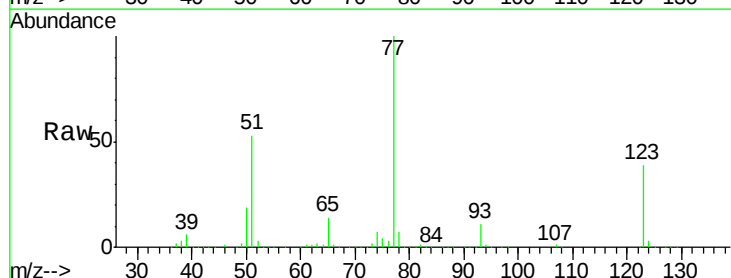
Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

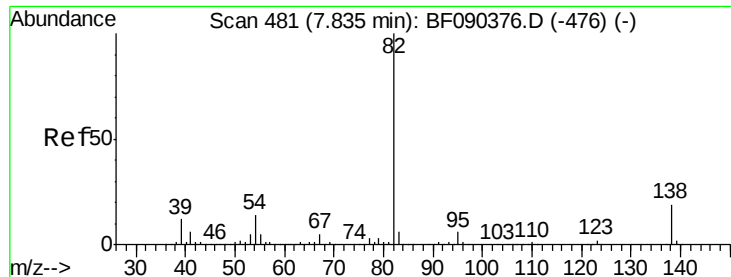
Tgt Ion: 82 Resp: 1932447
 Ion Ratio Lower Upper
 82 100
 128 46.7 40.0 60.0
 54 44.8 42.6 64.0



#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





#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

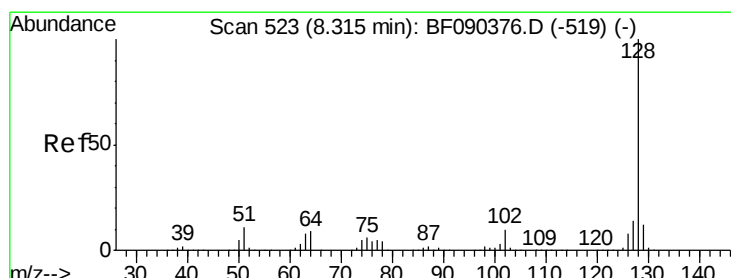
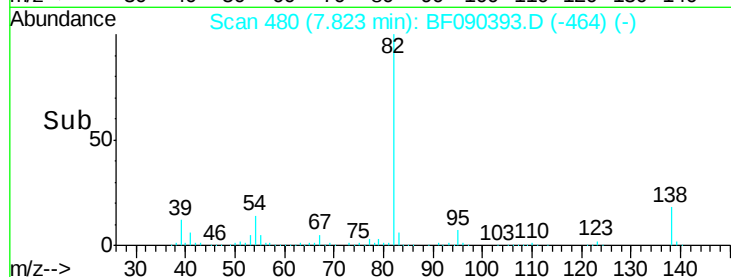
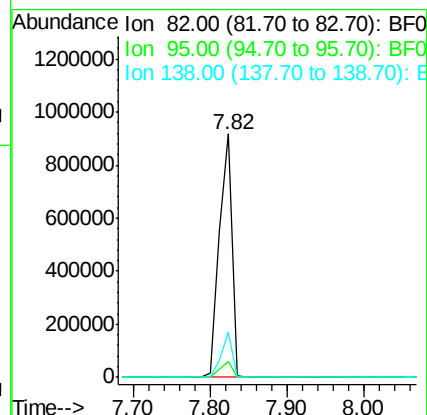
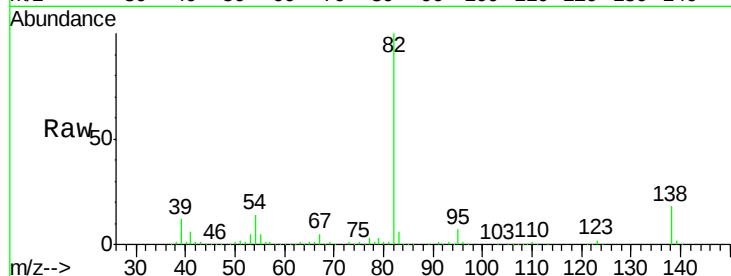
Tgt Ion: 82 Resp: 1025899

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

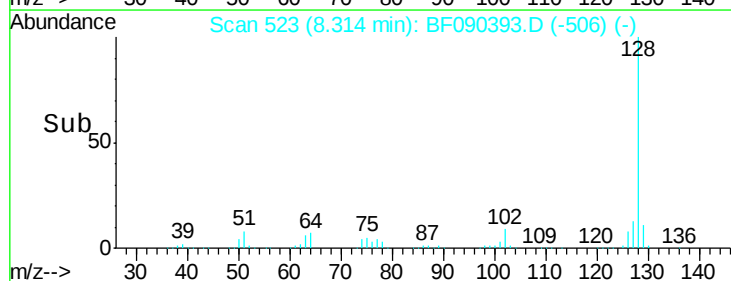
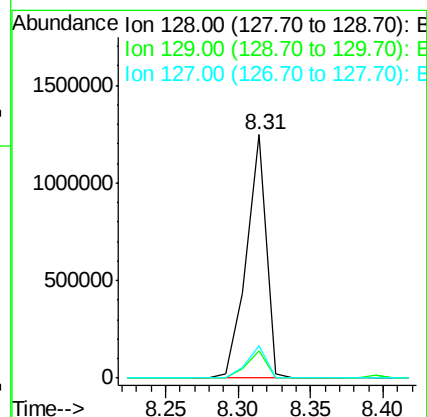
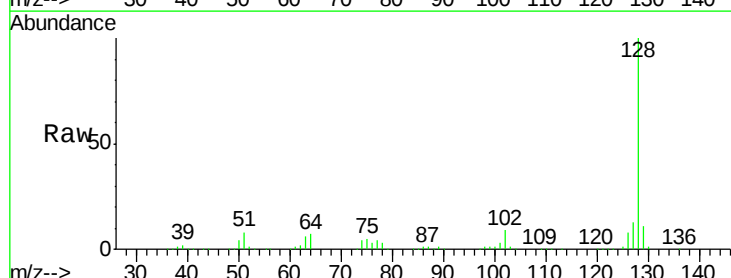
Tgt Ion: 128 Resp: 1181856

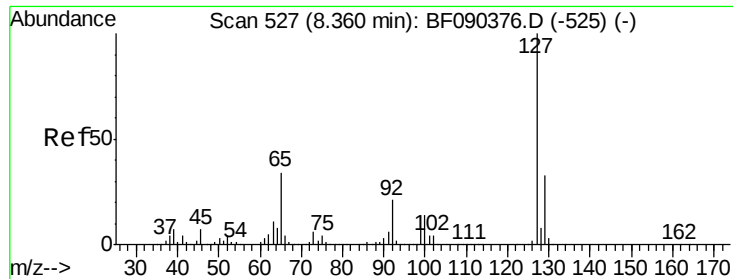
Ion Ratio Lower Upper

128 100

129 11.3 9.7 14.5

127 13.2 11.7 17.5

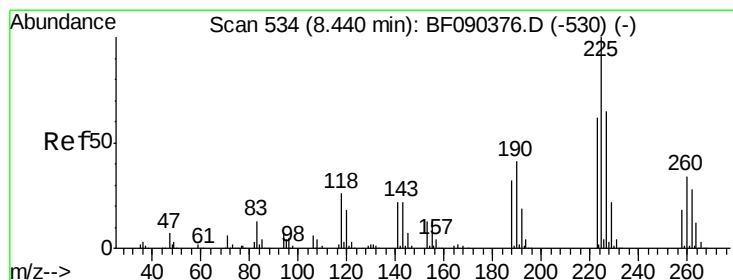
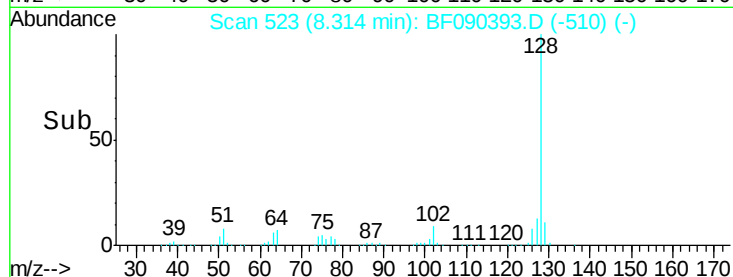
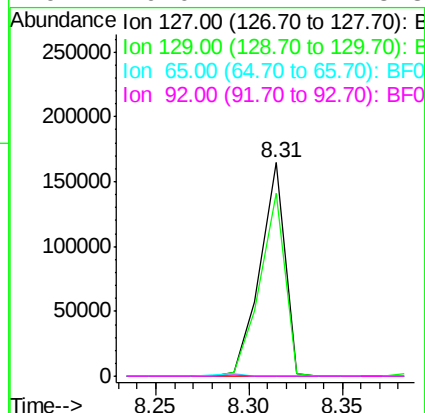
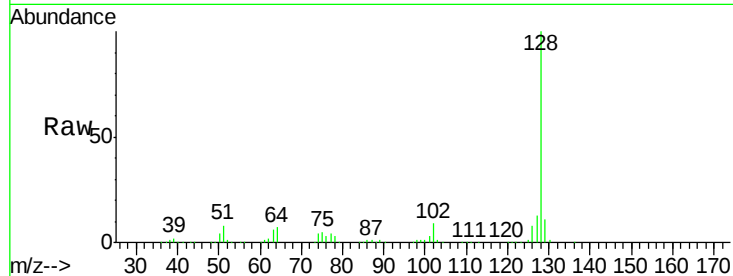




#33
4-Chloroaniline
Concen: 7.51 ng
RT: 8.31 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

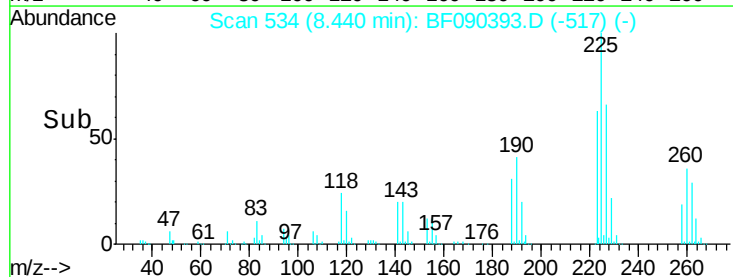
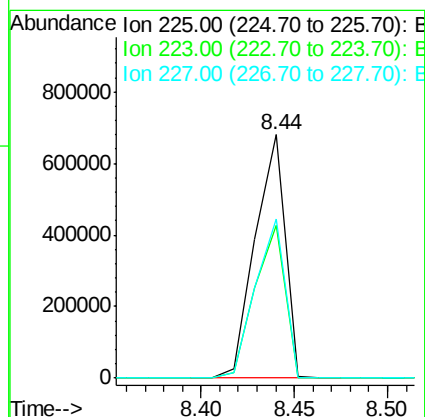
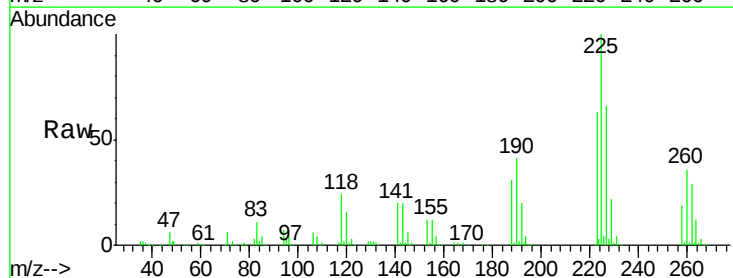
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

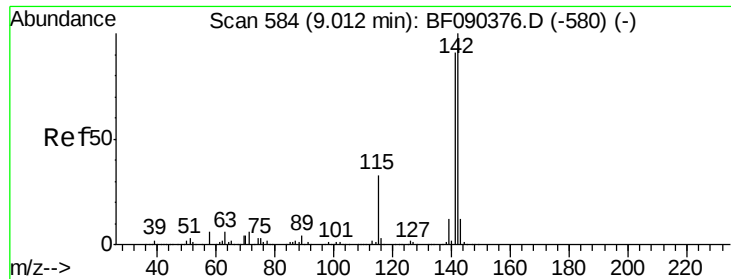
Tgt Ion:	127	Resp:	155561
Ion	Ratio	Lower	Upper
127	100		
129	85.6	26.2	39.4#
65	0.0	32.5	48.7#
92	0.0	17.2	25.8#



#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

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

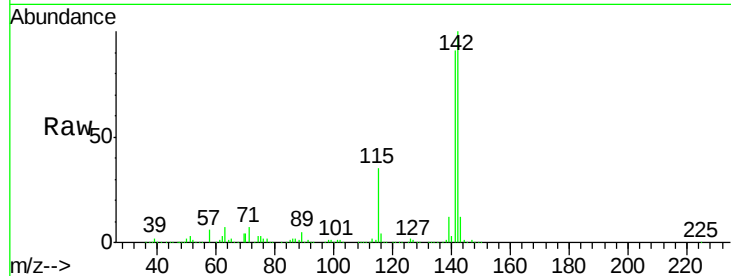




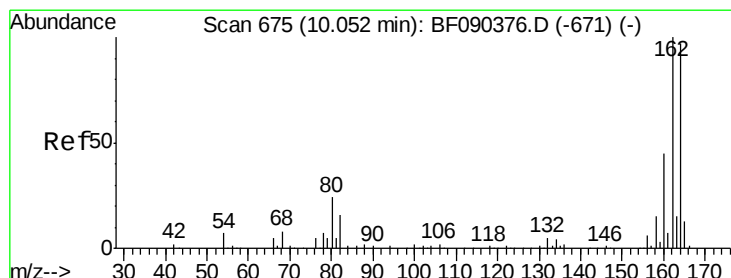
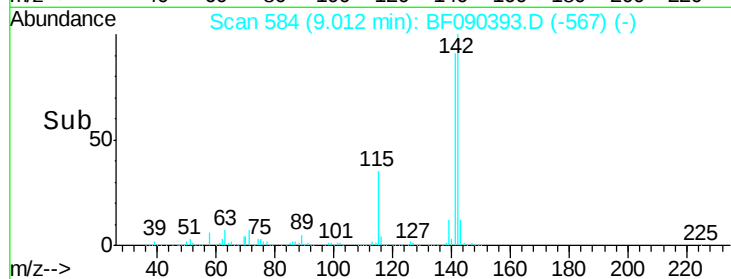
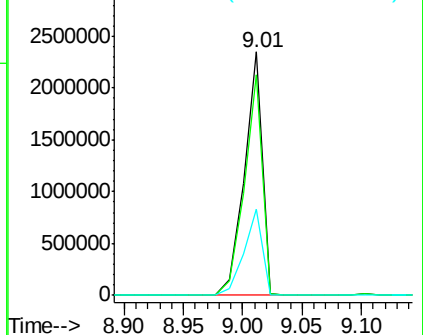
#37
2-Methylnaphthalene
Concen: 81.60 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

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

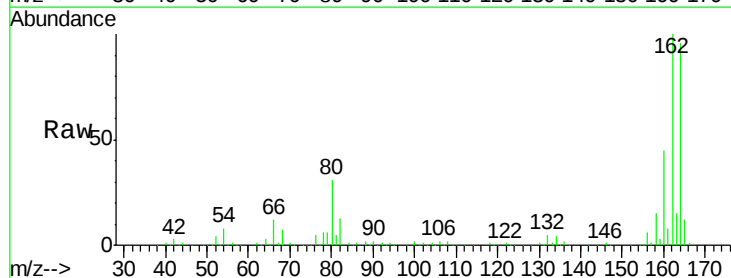


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

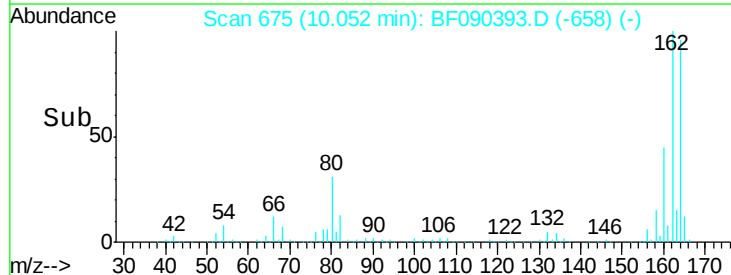
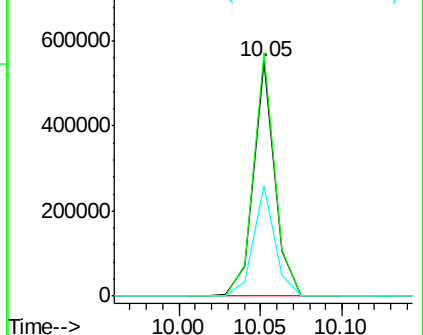


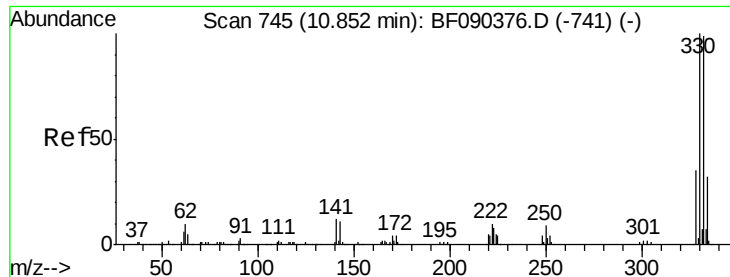
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

Tgt 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

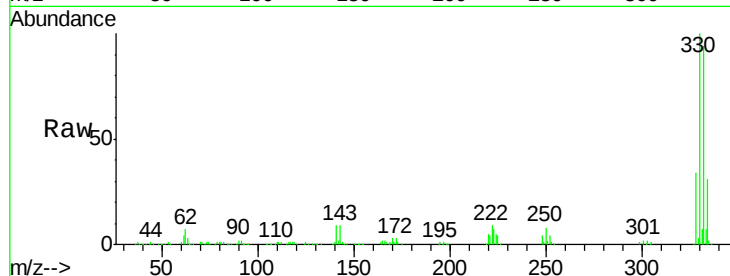




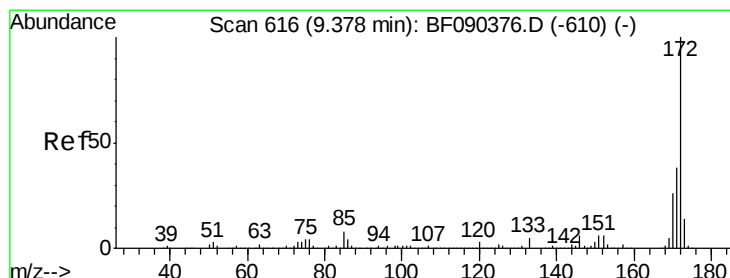
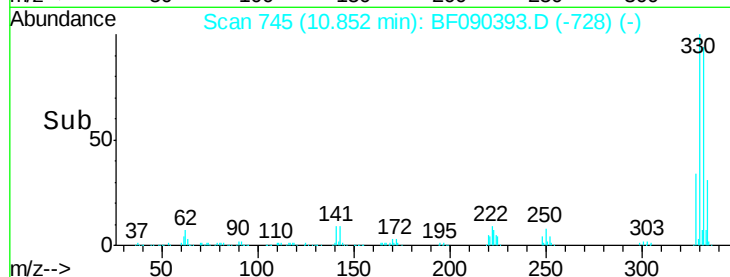
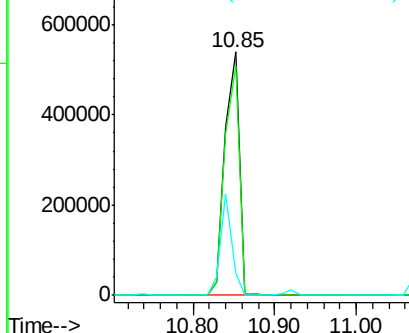
#41
 2,4,6-Tribromophenol
 Concen: 160.95 ng
 RT: 10.85 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF090393.D
 Acq: 5 Oct 2016 21:29

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

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

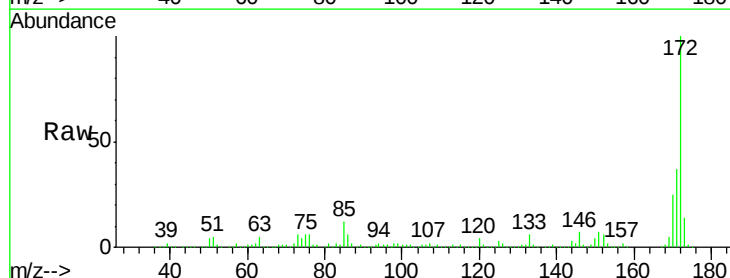


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

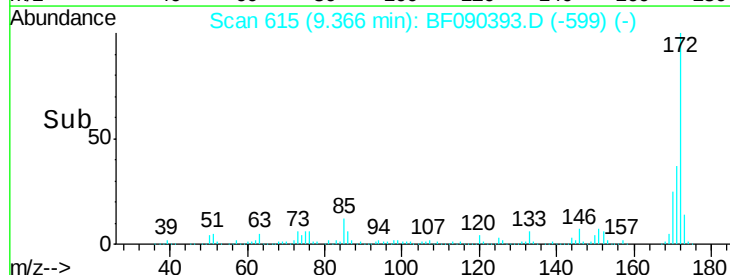
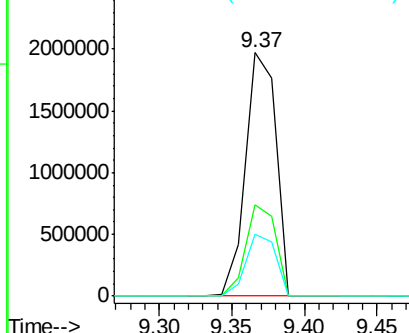


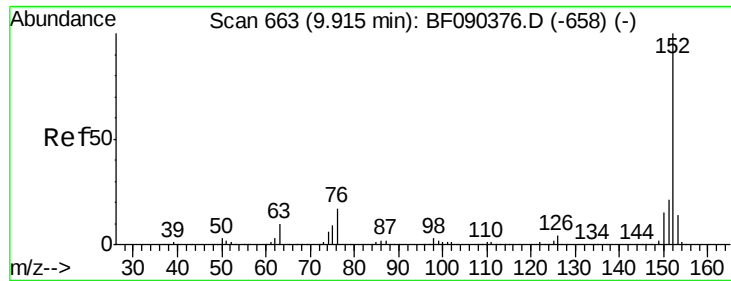
#44
 2-Fluorobiphenyl
 Concen: 95.11 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090393.D
 Acq: 5 Oct 2016 21:29

Tgt 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

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

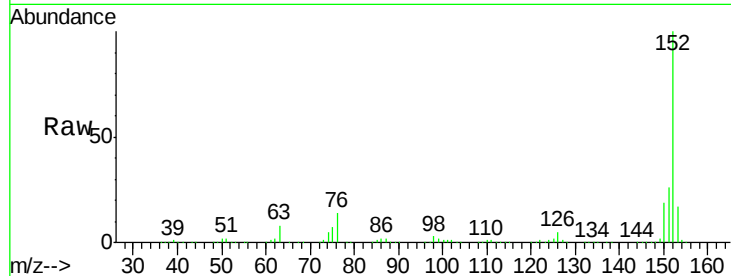
Tgt Ion:152 Resp: 6511333

Ion Ratio Lower Upper

152 100

151 26.0 17.4 26.0

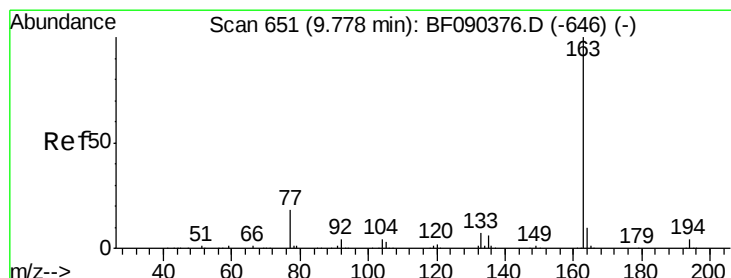
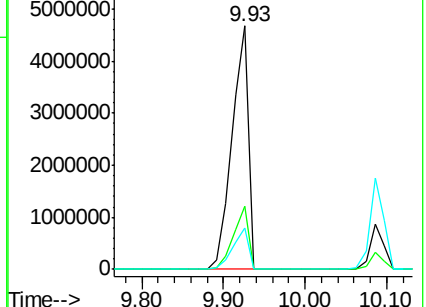
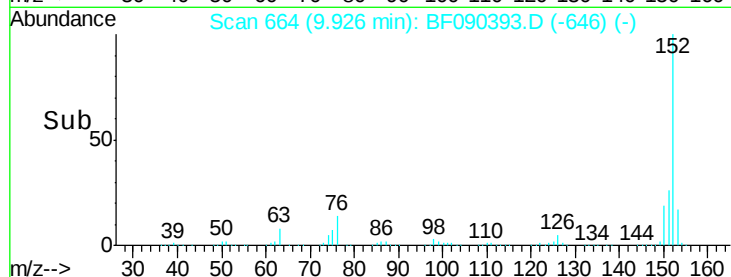
153 16.9 11.6 17.4



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

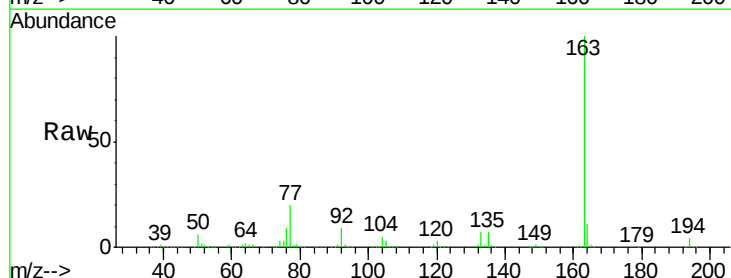
Tgt Ion:163 Resp: 3420081

Ion Ratio Lower Upper

163 100

194 4.2 2.8 4.2#

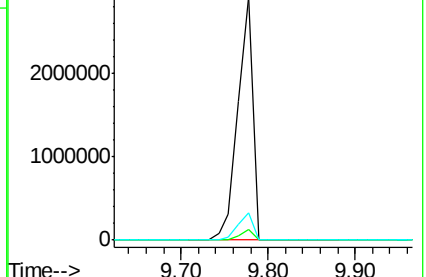
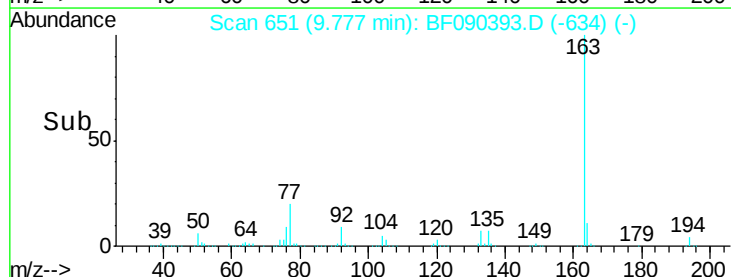
164 11.3 9.0 13.4

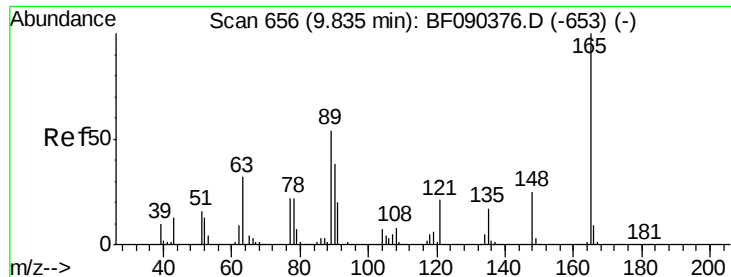


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 5.87 ng

RT: 9.78 min Scan# 651

Delta R.T. -0.06 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

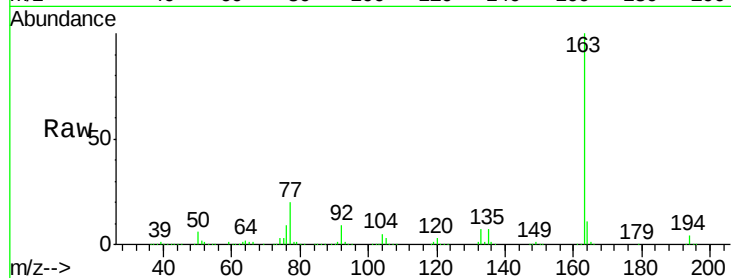
Tgt Ion:165 Resp: 41855

Ion Ratio Lower Upper

165 100

63 110.9 58.0 87.0#

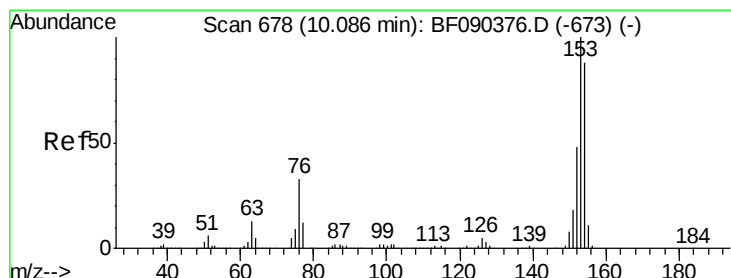
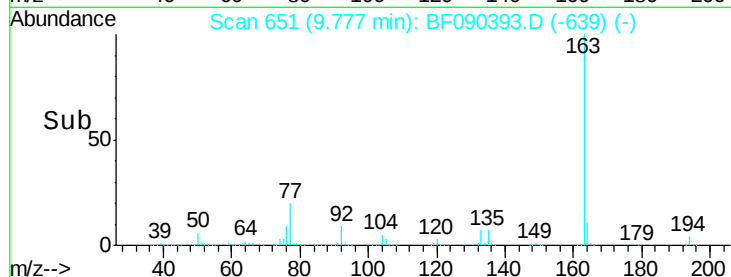
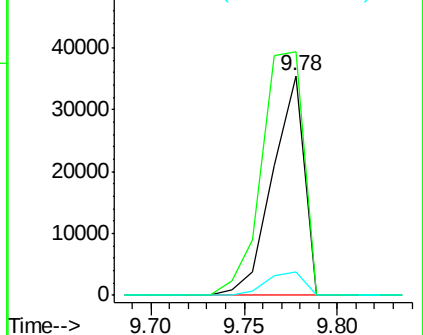
89 10.9 51.2 76.8#



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: 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

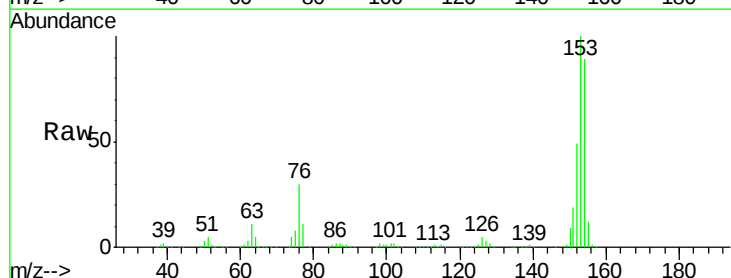
Tgt Ion:154 Resp: 1862675

Ion Ratio Lower Upper

154 100

153 112.4 88.6 133.0

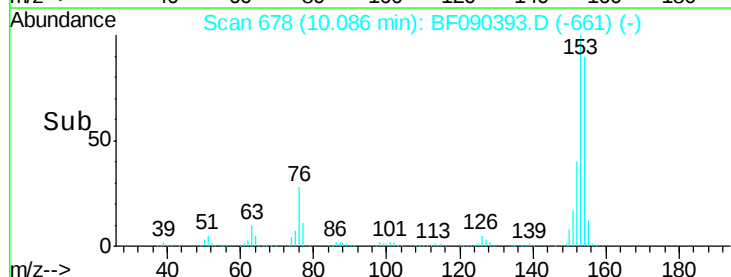
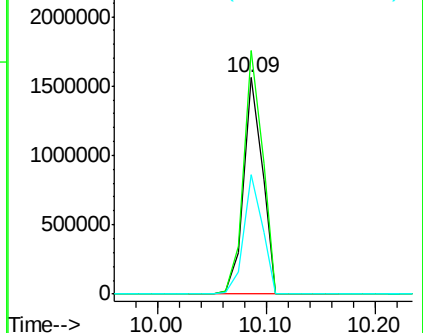
152 55.0 42.6 64.0

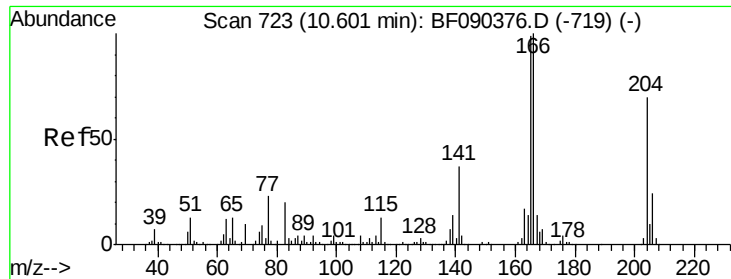


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

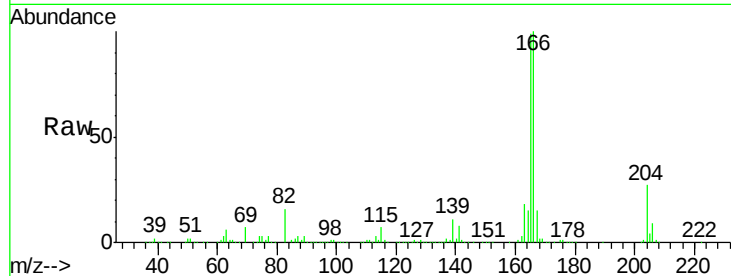




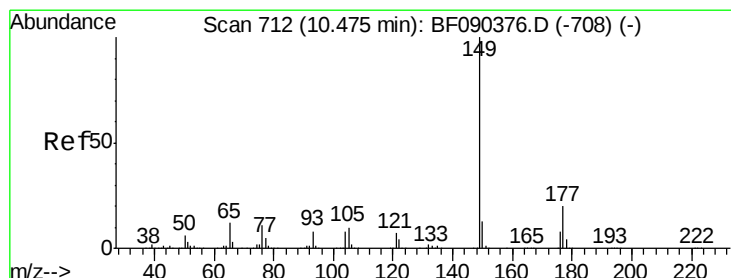
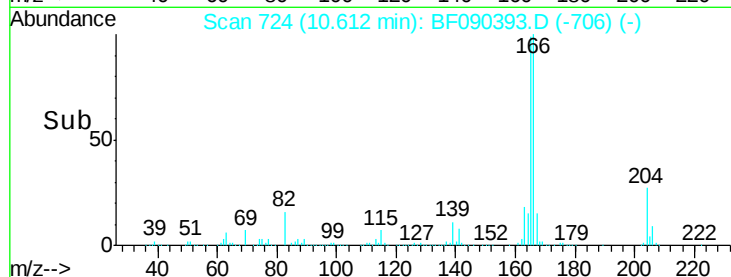
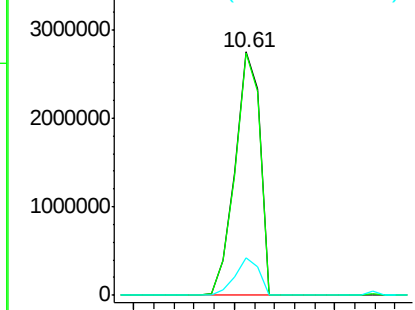
#57
 Fluorene
 Concen: 153.58 ng
 RT: 10.61 min Scan# 724
 Delta R.T. 0.01 min
 Lab File: BF090393.D
 Acq: 5 Oct 2016 21:29

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

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

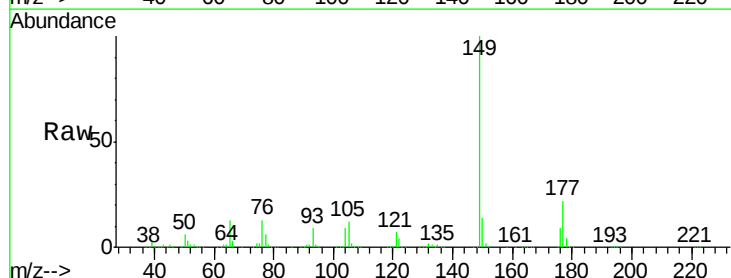


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

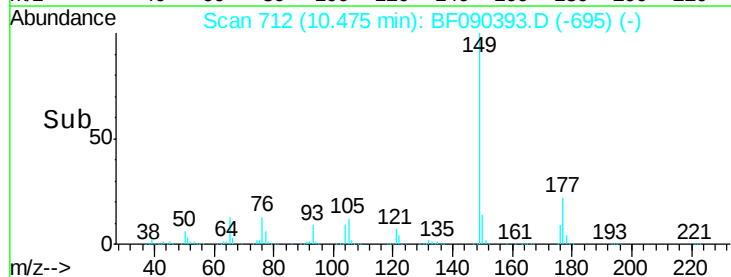
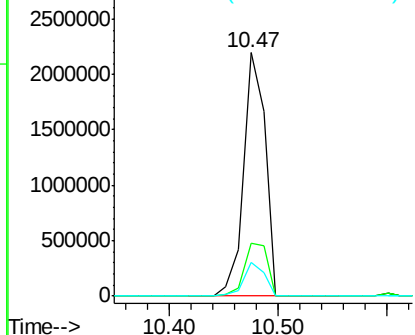


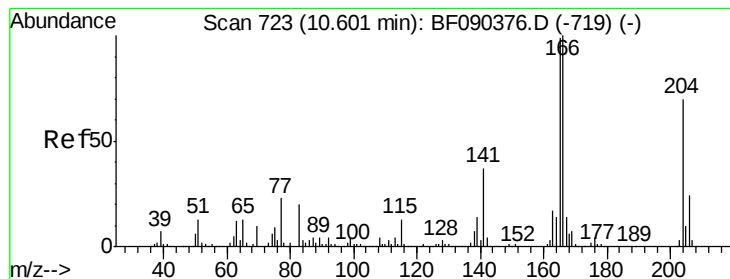
#59
 Diethylphthalate
 Concen: 90.19 ng
 RT: 10.47 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: BF090393.D
 Acq: 5 Oct 2016 21:29

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

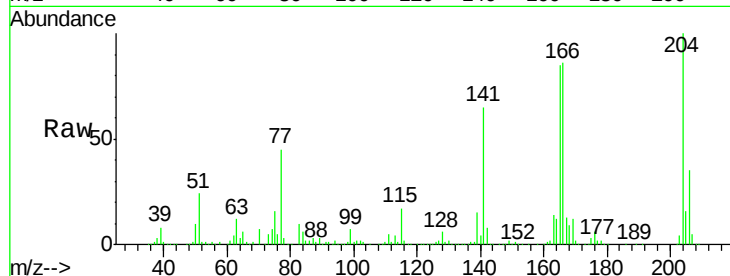
Tgt Ion:204 Resp: 1730562

Ion Ratio Lower Upper

204 100

206 34.7 26.7 40.1

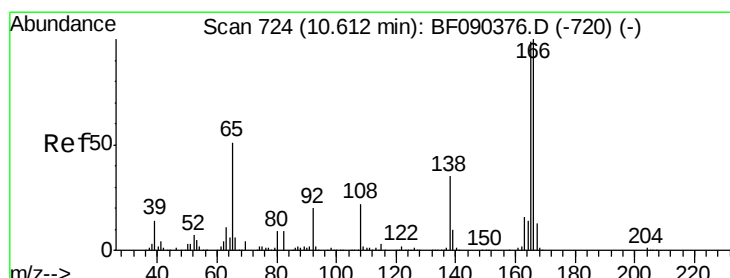
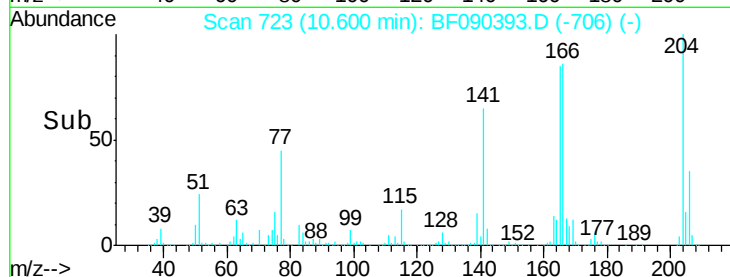
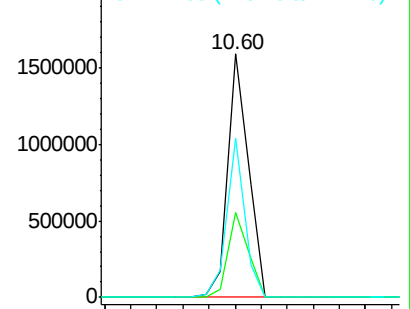
141 65.2 51.7 77.5



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



#61

4-Nitroaniline

Concen: 7.39 ng

RT: 10.61 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

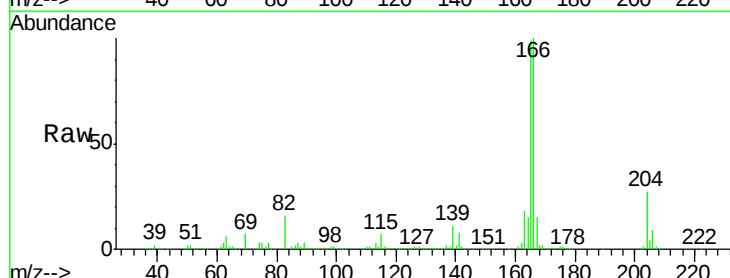
Tgt Ion:138 Resp: 62032

Ion Ratio Lower Upper

138 100

92 4.1 33.2 73.2#

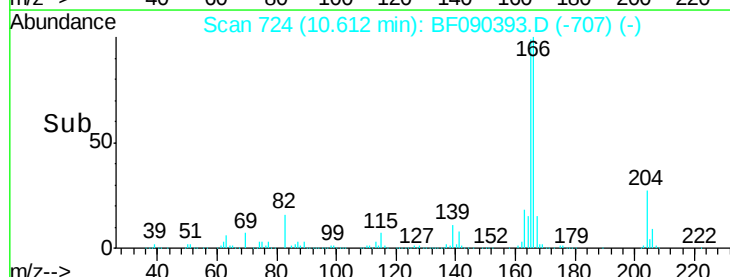
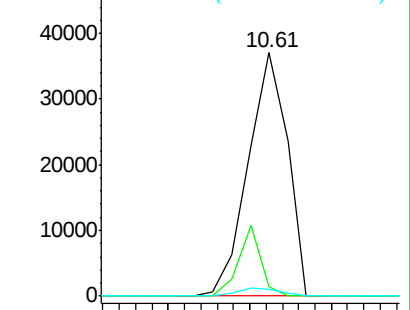
108 3.0 48.5 88.5#

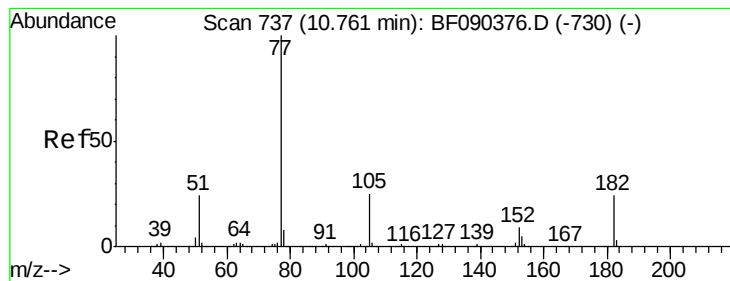


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 14.19 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.16 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

Tgt Ion: 77 Resp: 544777

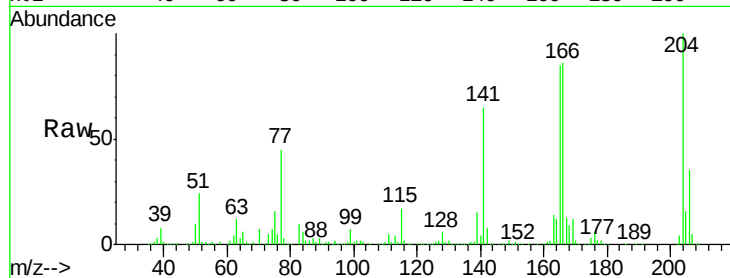
Ion Ratio Lower Upper

77 100

182 0.0 3.2 43.2#

105 0.2 2.9 42.9#

51 53.6 14.2 54.2

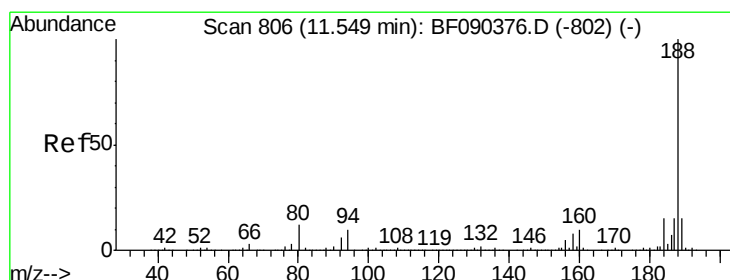
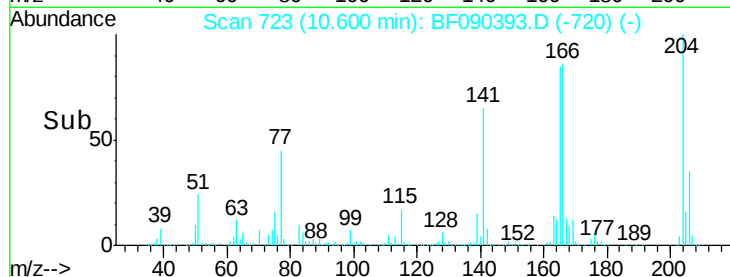
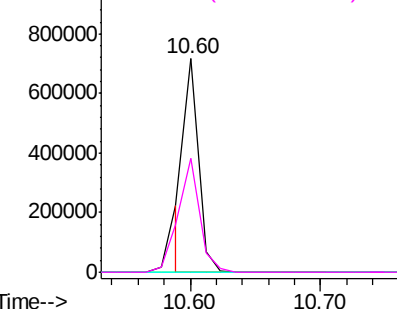


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.54 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

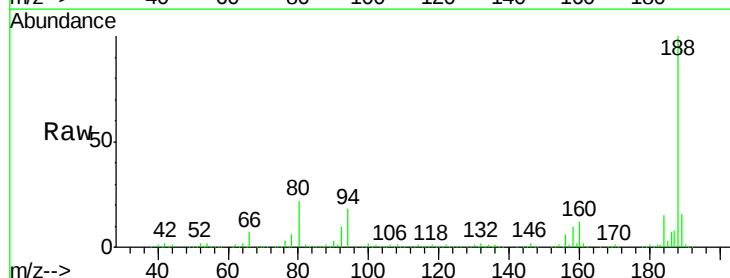
Tgt Ion: 188 Resp: 741661

Ion Ratio Lower Upper

188 100

94 17.9 8.2 12.2#

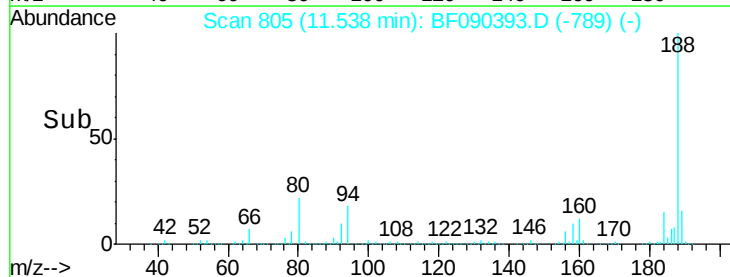
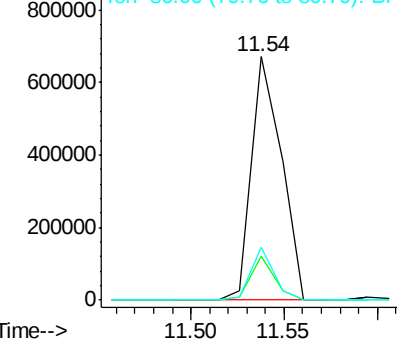
80 21.9 8.8 13.2#

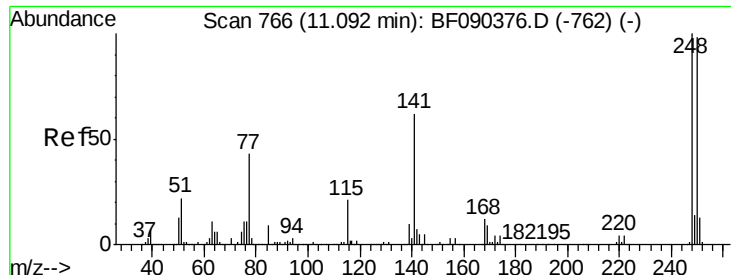


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

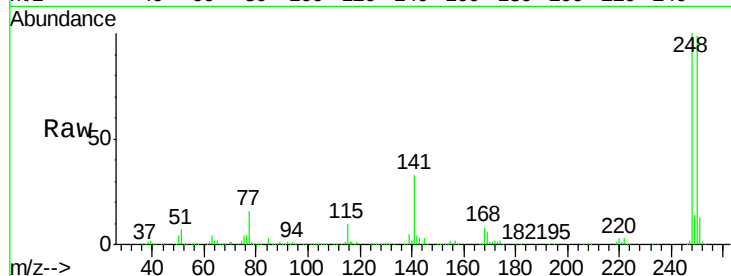




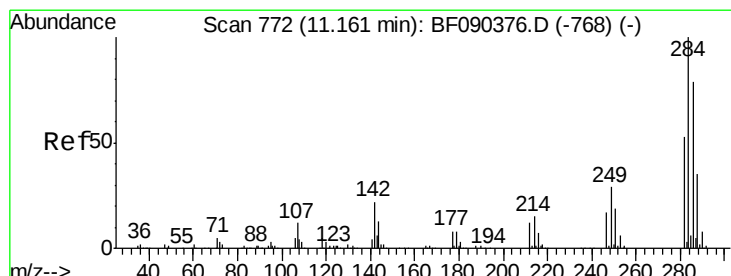
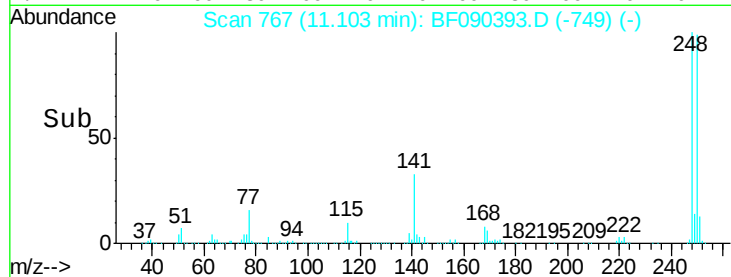
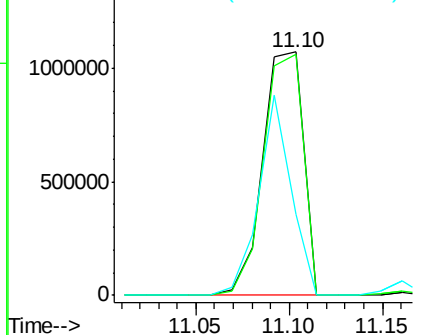
#66
4-Bromophenyl-phenylether
Concen: 222.07 ng
RT: 11.10 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

Instrument :
BNA_F
ClientSampled :
PT-BN-WP

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

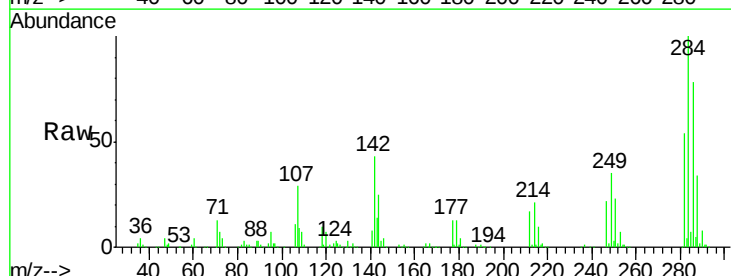


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

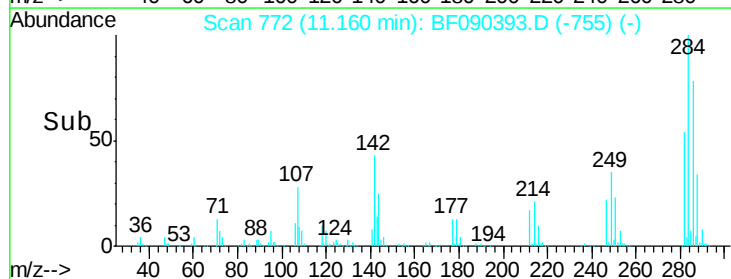
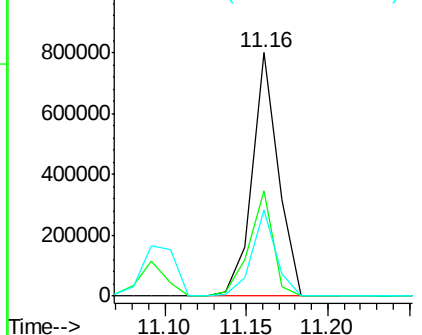


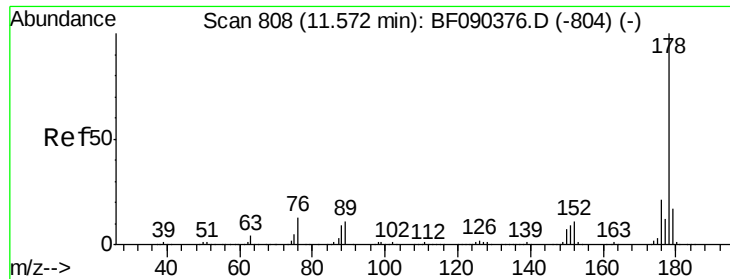
#67
Hexachlorobenzene
Concen: 109.32 ng
RT: 11.16 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

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

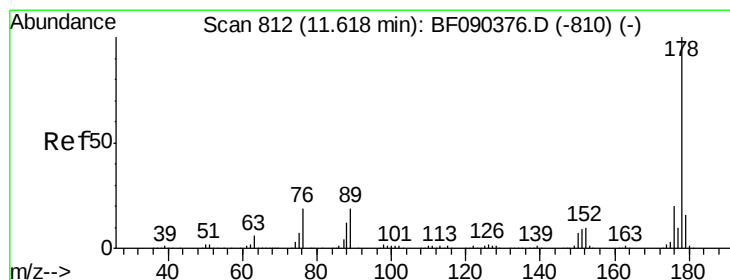
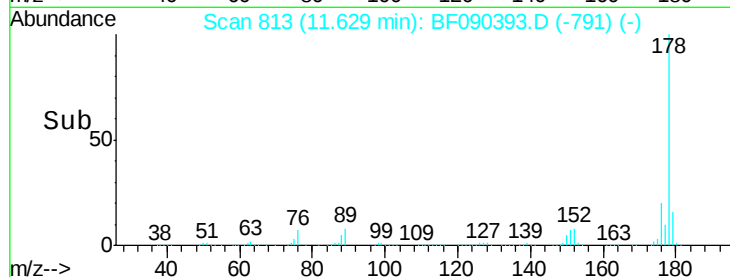
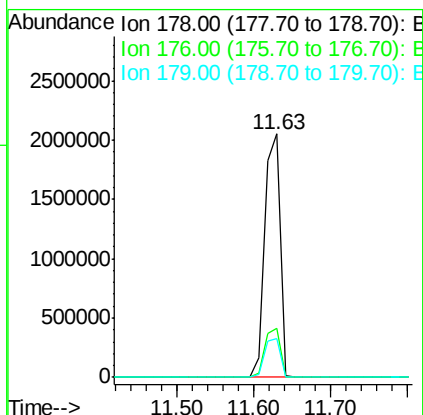
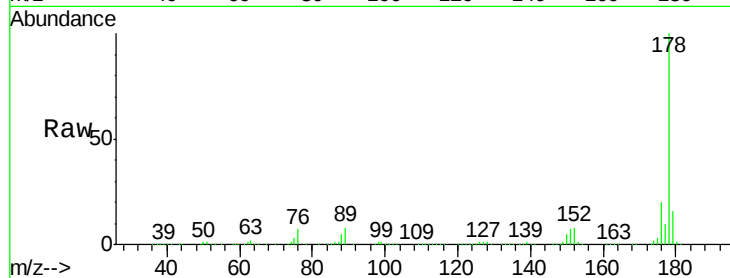




#70
Phenanthrene
Concen: 73.53 ng
RT: 11.63 min Scan# 813
Delta R.T. 0.06 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

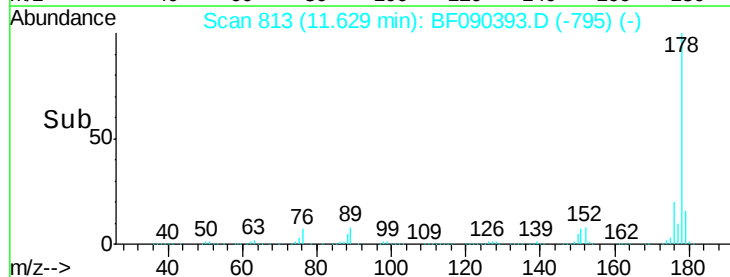
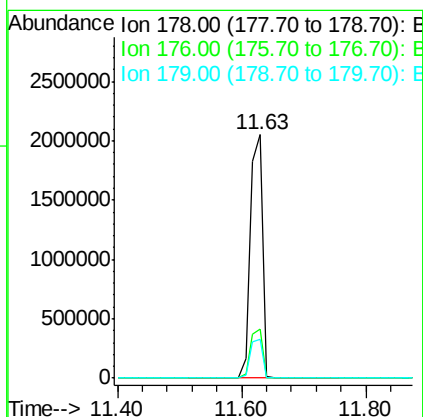
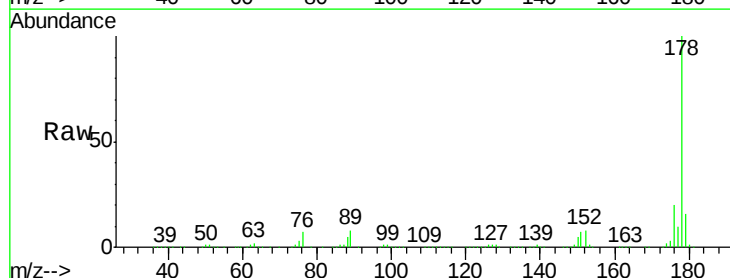
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

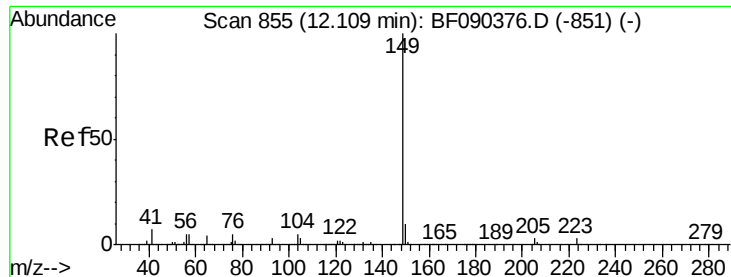
Tgt Ion:178 Resp: 2792583
Ion Ratio Lower Upper
178 100
176 20.1 17.3 25.9
179 16.1 13.8 20.6



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

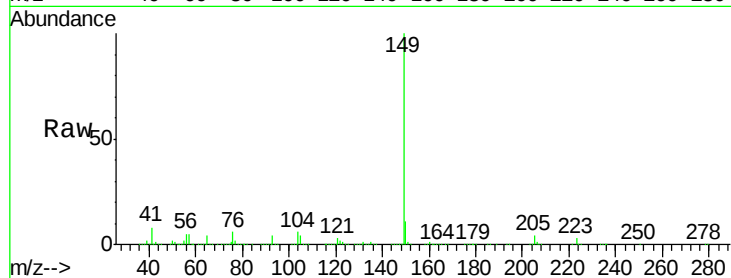
Tgt Ion:149 Resp: 3174006

Ion Ratio Lower Upper

149 100

150 11.1 8.6 12.8

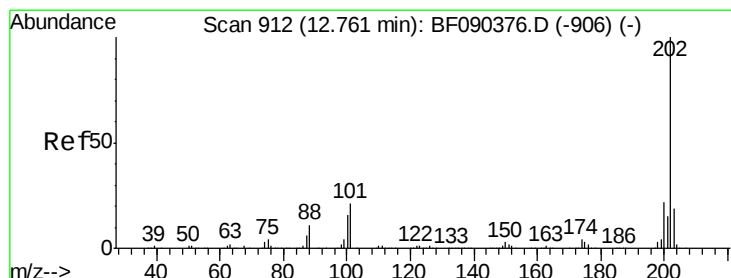
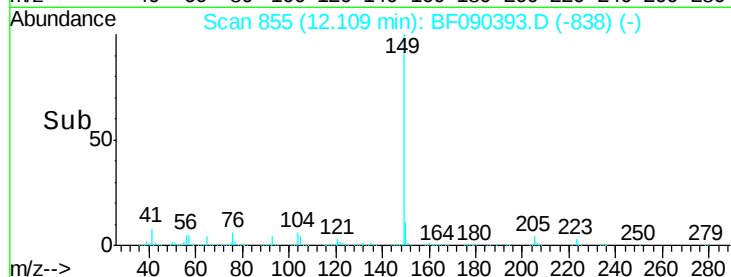
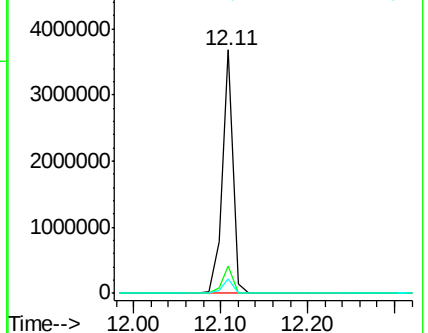
104 5.8 4.7 7.1



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

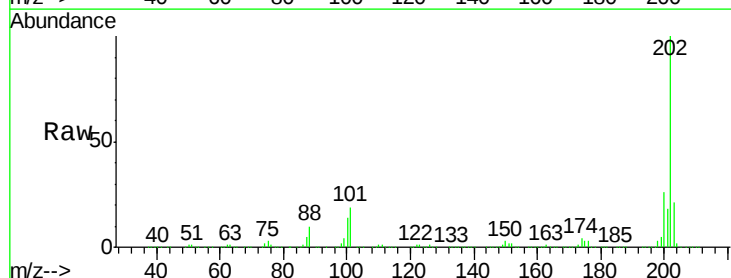
Tgt Ion:202 Resp: 6709626

Ion Ratio Lower Upper

202 100

101 18.7 0.0 37.2

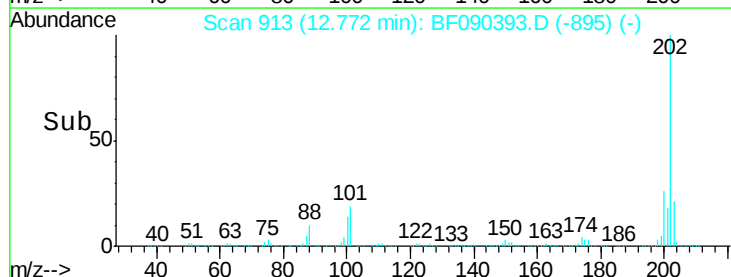
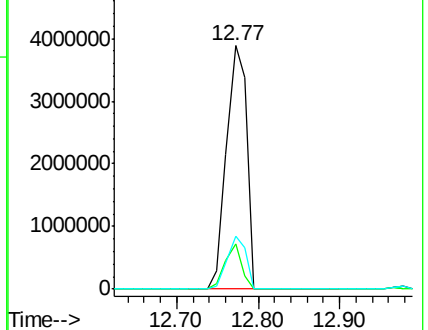
203 21.5 0.0 39.3

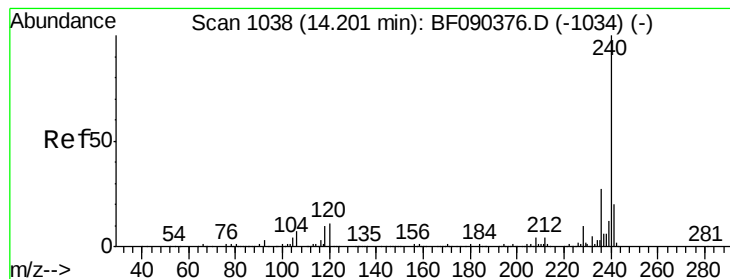


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.20 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

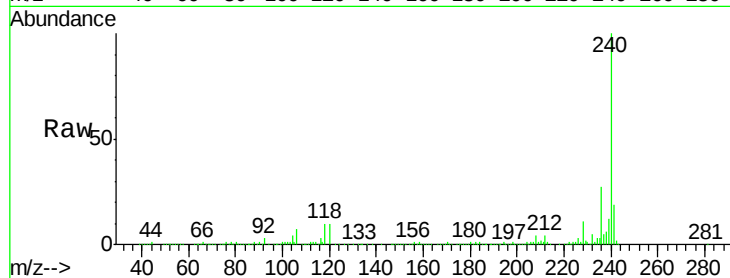
Tgt Ion:240 Resp: 567020

Ion Ratio Lower Upper

240 100

120 10.4 8.6 13.0

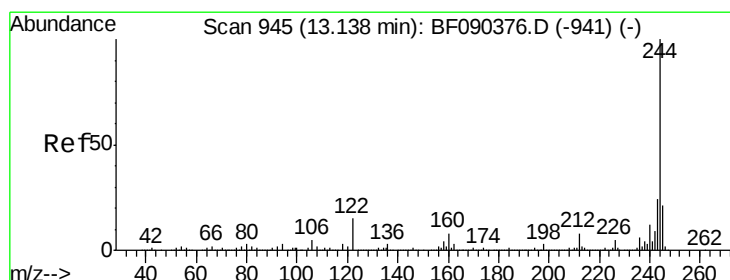
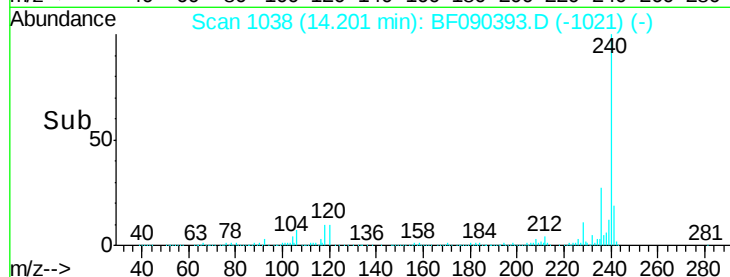
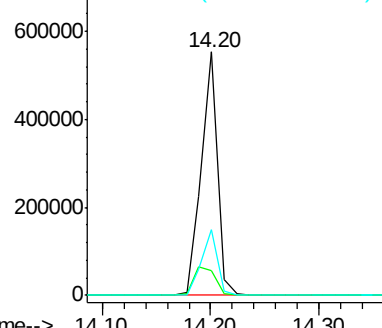
236 26.8 21.6 32.4



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



#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

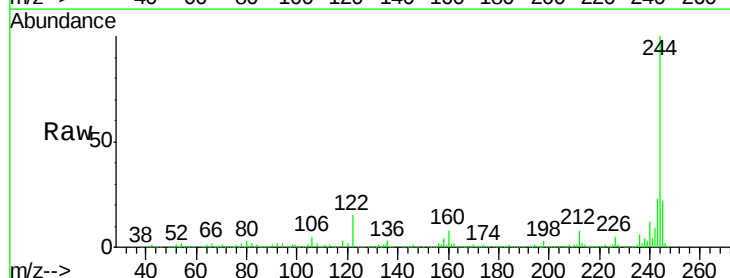
Tgt Ion:244 Resp: 2636676

Ion Ratio Lower Upper

244 100

212 7.9 6.8 10.2

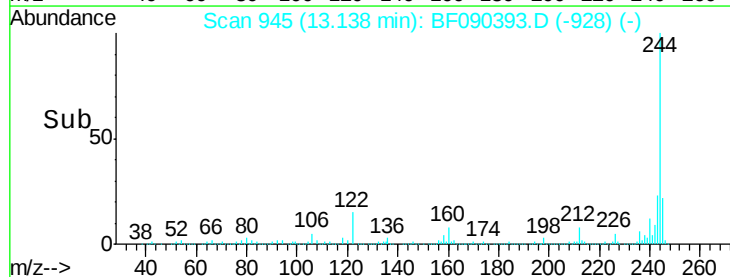
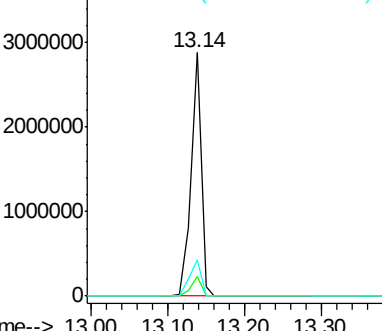
122 14.7 13.3 19.9

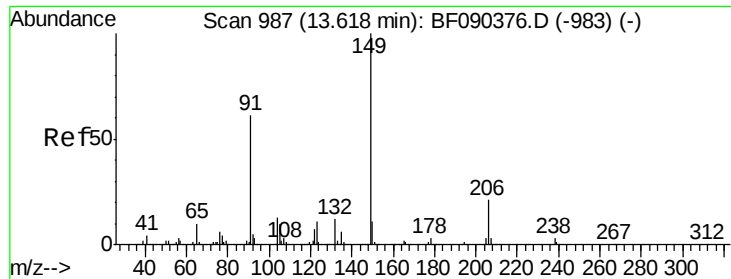


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

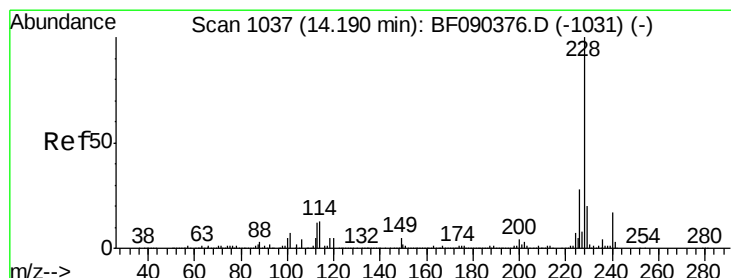
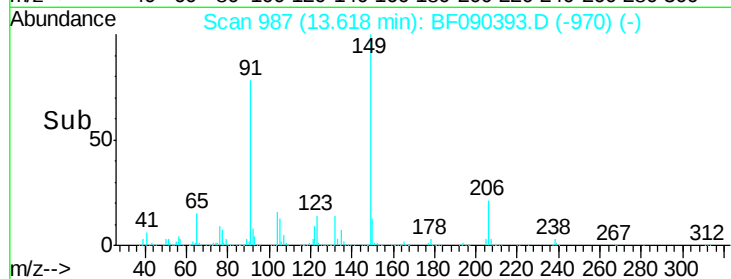
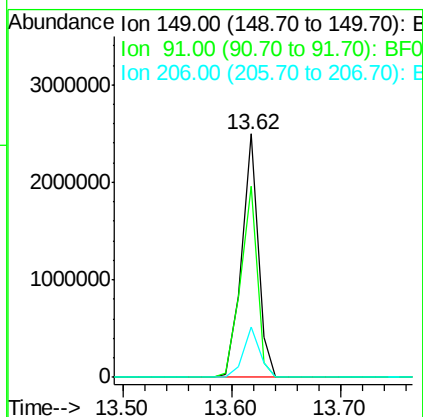
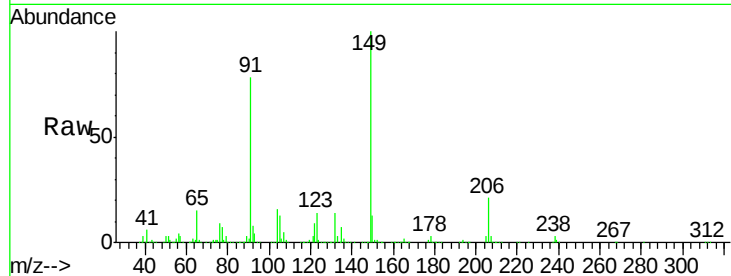




#79
Butylbenzylphthalate
Concen: 133.44 ng
RT: 13.62 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

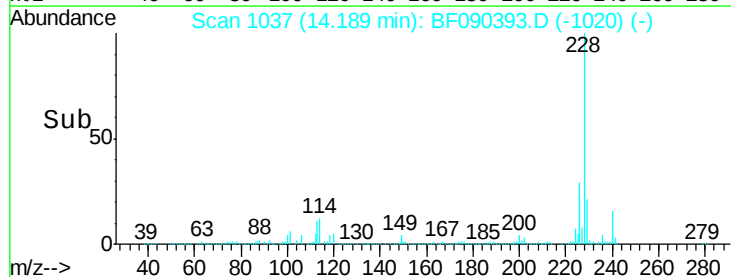
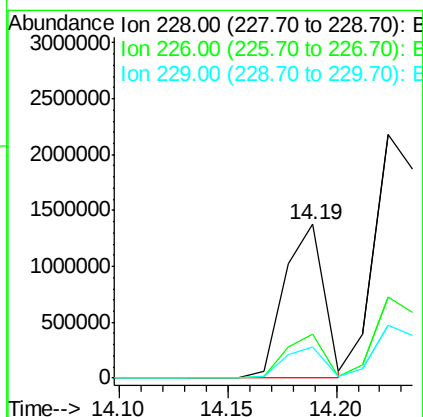
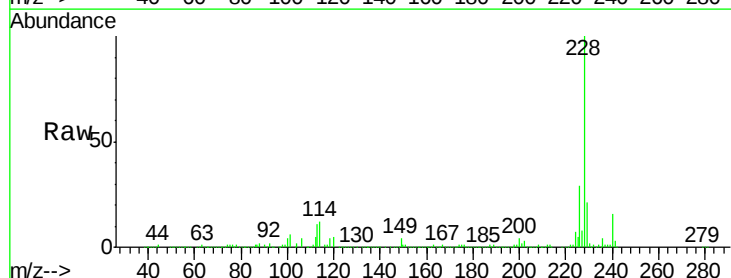
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

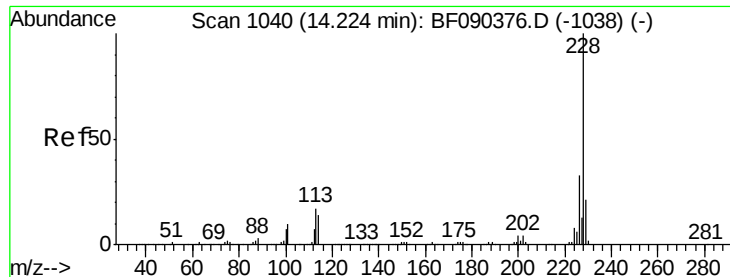
Tgt Ion:149 Resp: 2588841
Ion Ratio Lower Upper
149 100
91 78.3 51.8 77.8#
206 20.6 18.0 27.0



#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

Tgt Ion:228 Resp: 1729651
Ion Ratio Lower Upper
228 100
226 28.7 23.6 35.4
229 20.6 16.6 25.0

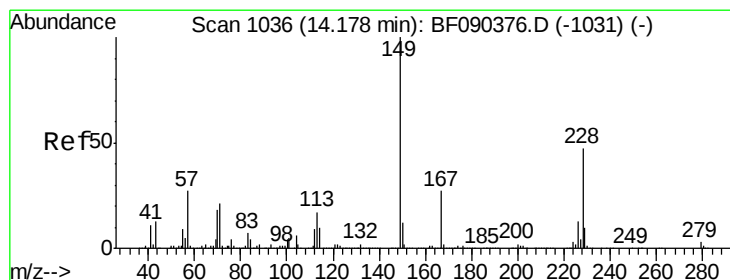
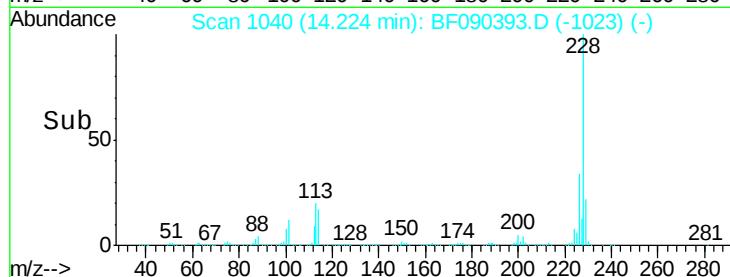
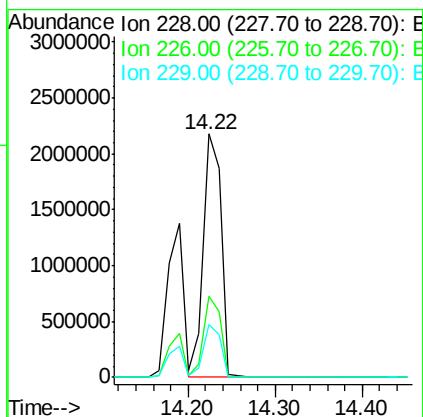
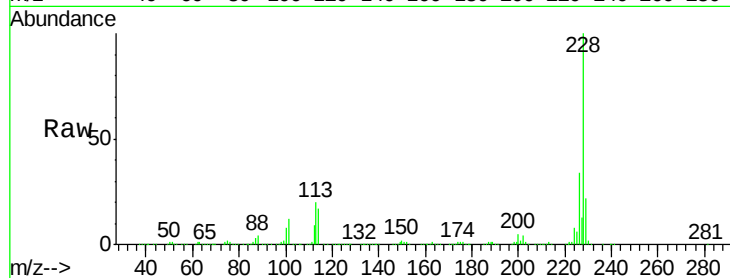




#82
Chrysene
Concen: 105.10 ng
RT: 14.22 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF090393.D
Acq: 5 Oct 2016 21:29

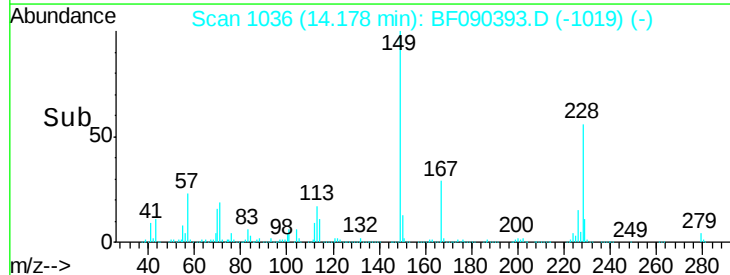
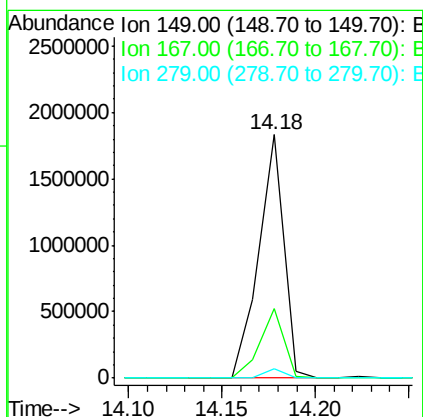
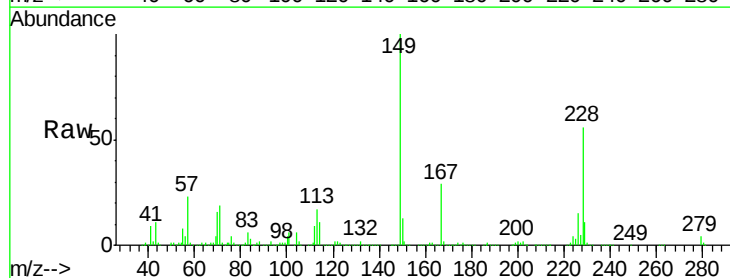
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

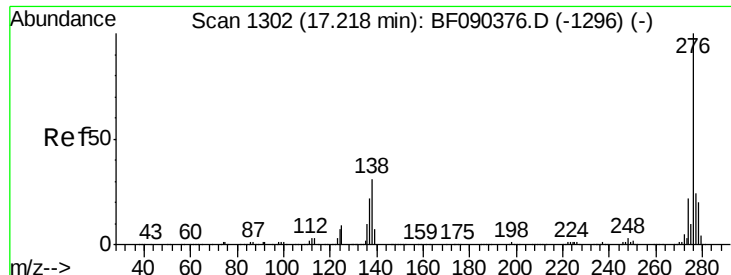
Tgt Ion:228 Resp: 3077226
Ion Ratio Lower Upper
228 100
226 33.5 25.8 38.6
229 21.9 16.9 25.3



#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

Tgt Ion:149 Resp: 1706694
Ion Ratio Lower Upper
149 100
167 28.5 21.5 32.3
279 3.7 2.6 3.8

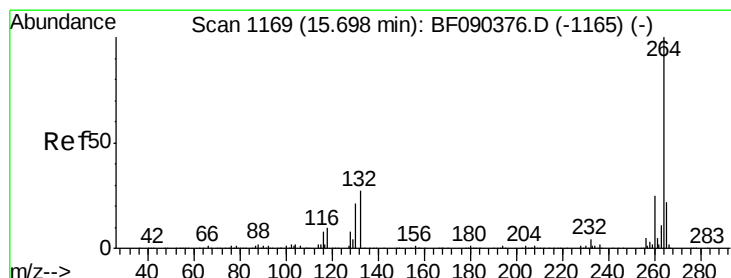
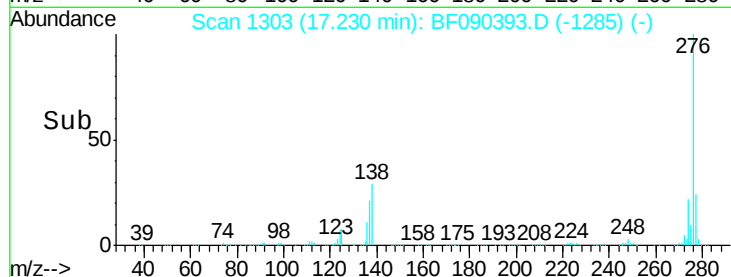
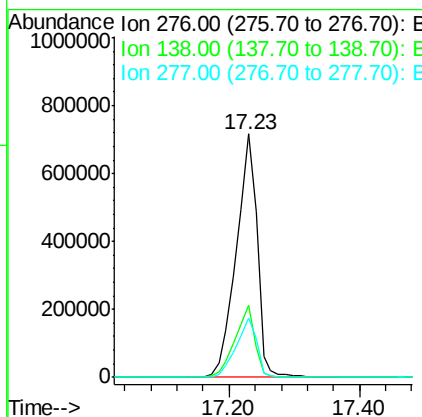
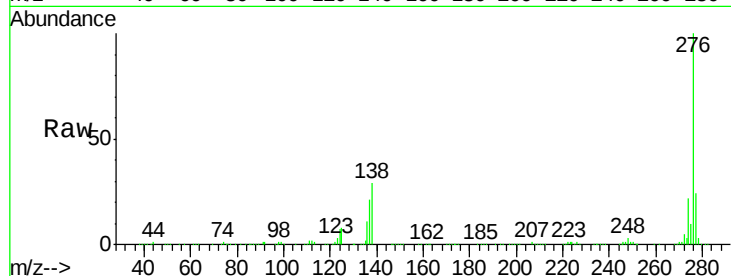




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 75.67 ng
 RT: 17.23 min Scan# 1303
 Delta R.T. 0.01 min
 Lab File: BF090393.D
 Acq: 5 Oct 2016 21:29

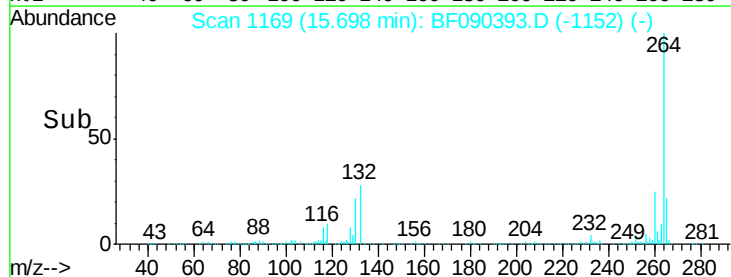
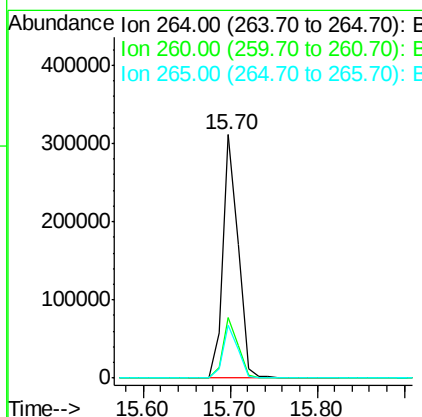
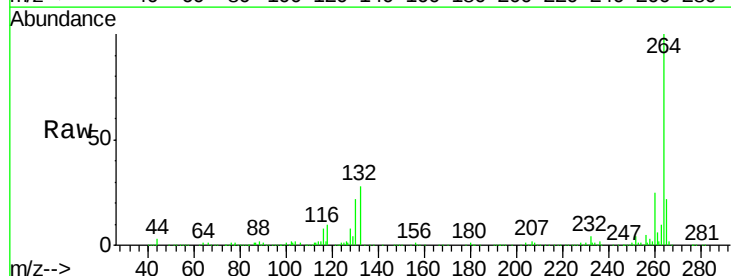
Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

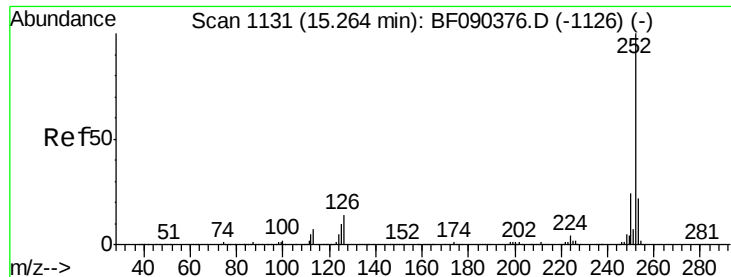
Tgt Ion: 276 Resp: 1579697
 Ion Ratio Lower Upper
 276 100
 138 28.1 23.8 35.8
 277 24.3 20.4 30.6



#86
 Perylene-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

Tgt 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

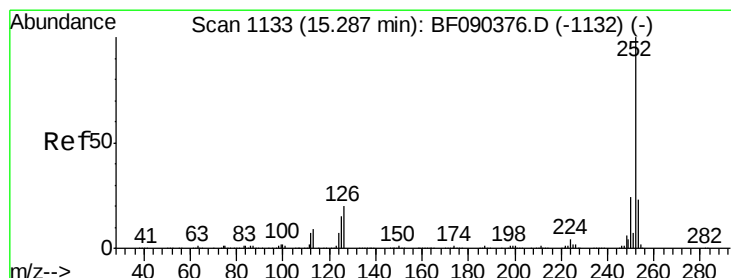
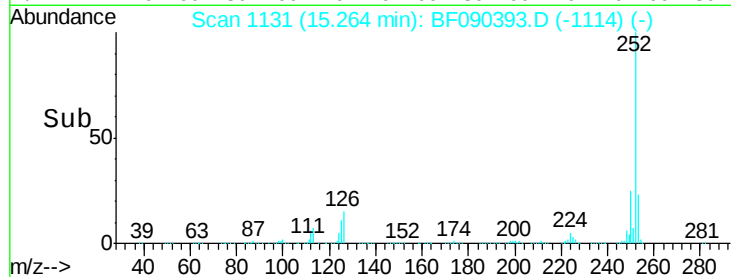
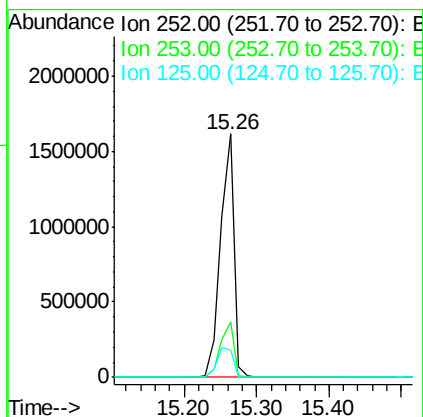
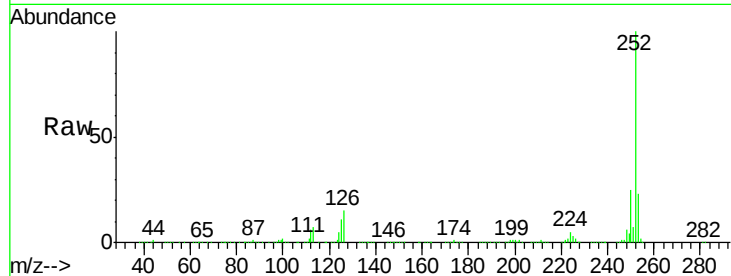
Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

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#



#88

Benzo(k)fluoranthene

Concen: 90.78 ng

RT: 15.26 min Scan# 1131

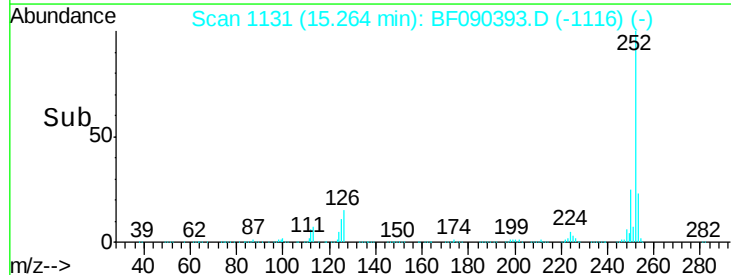
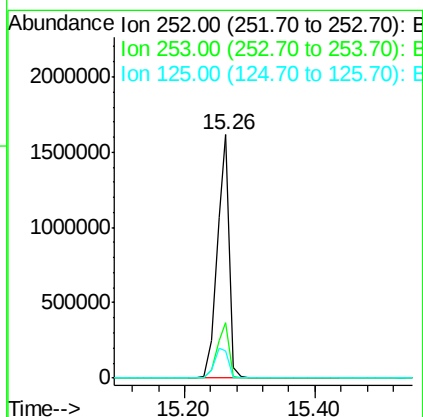
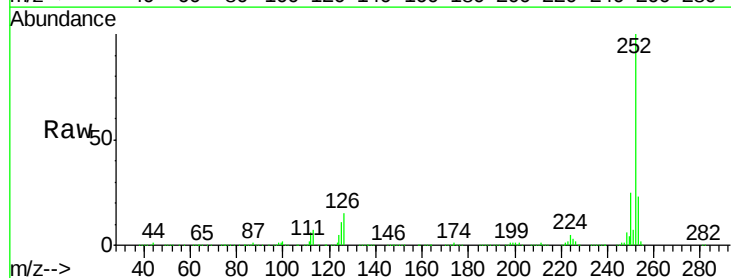
Delta R.T. -0.02 min

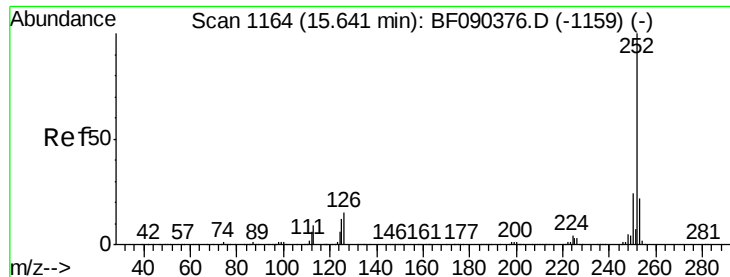
Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

Tgt Ion:252 Resp: 2091130

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	27.8
125	11.2	11.7	17.5#





#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

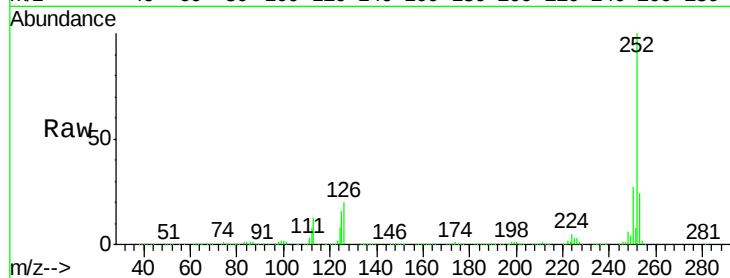
Tgt Ion:252 Resp: 3389570

Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.4

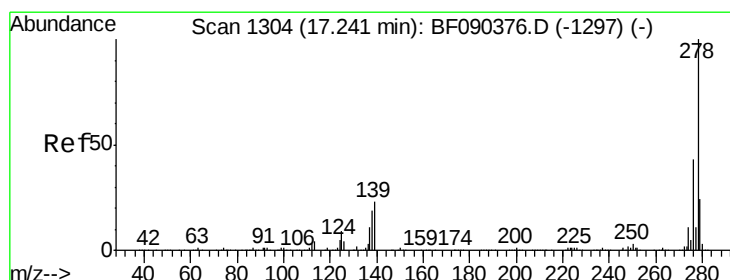
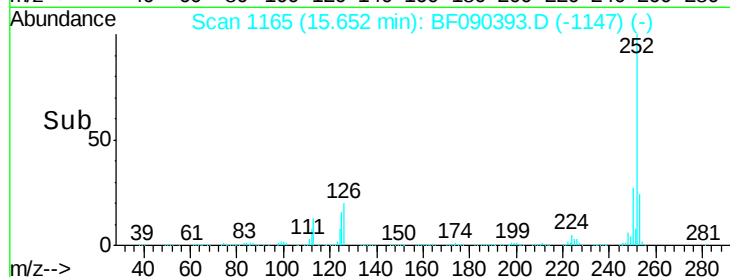
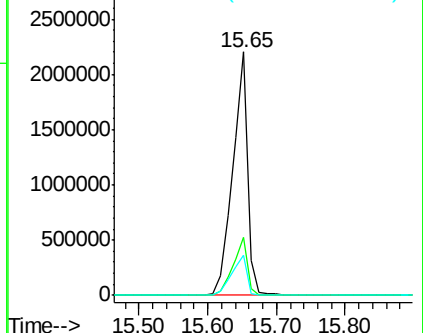
125 16.2 9.8 14.8#



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



#90

Dibenzo(a,h)anthracene

Concen: 2.39 ng

RT: 17.23 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF090393.D

Acq: 5 Oct 2016 21:29

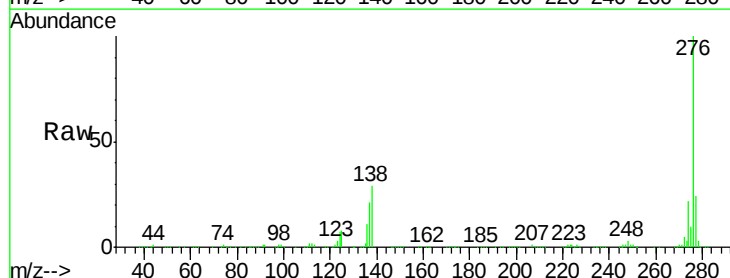
Tgt Ion:278 Resp: 43047

Ion Ratio Lower Upper

278 100

139 0.0 12.8 19.2#

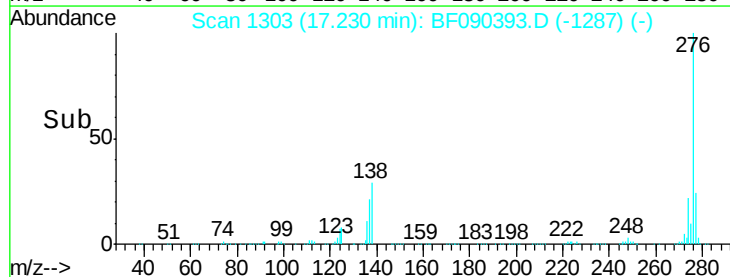
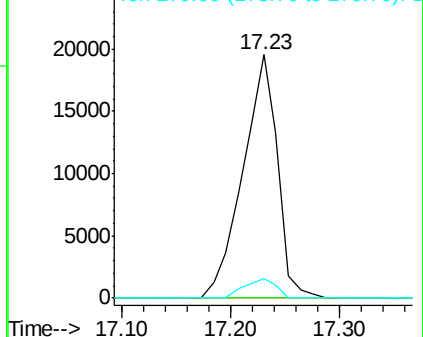
279 8.1 19.6 29.4#

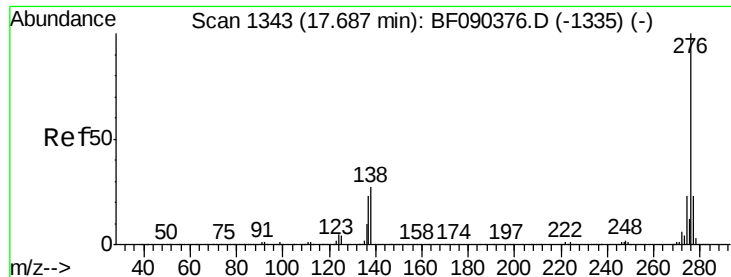


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 157.57 ng

RT: 17.71 min Scan# 1345

Delta R.T. 0.02 min

Lab File: BF090393.D

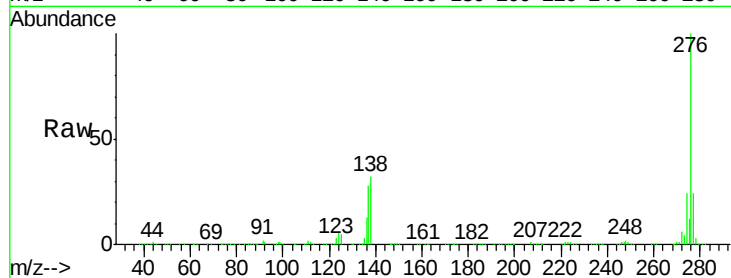
Acq: 5 Oct 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP



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

