

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090394.D
 Acq On : 5 Oct 2016 21:56
 Operator : UM/SJ
 Sample : H4803-03DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Oct 06 01:13:18 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	232009	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	996513	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	511230	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	751114	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	605477	20.00	ng	-0.01
86) Perylene-d12	15.70	264	431604	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	381923	24.57	ng	-0.01
7) Phenol-d6	6.61	99	540853	26.56	ng	-0.01
23) Nitrobenzene-d5	7.56	82	347100	16.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	98064	23.59	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	538820	17.56	ng	-0.01
78) Terphenyl-d14	13.13	244	489685	18.18	ng	-0.01

Target Compounds				Qvalue		
6) Aniline	6.73	93	546974	19.45	ng	# 52
11) bis(2-Chloroethyl)ether	6.73	93	546974	30.18	ng	91
12) 1,3-Dichlorobenzene	7.02	146	245137	14.37	ng	98
13) 1,4-Dichlorobenzene	7.02	146	245137	14.15	ng	95
14) 1,2-Dichlorobenzene	7.17	146	367192	22.00	ng	97
19) n-Nitroso-di-n-propylamine	7.56	70	45504	3.05	ng	# 65
24) Nitrobenzene	7.57	77	160656	7.90	ng	91
25) Isophorone	7.81	82	165393	4.42	ng	# 91
31) Naphthalene	8.31	128	196261	4.08	ng	95
34) Hexachlorobutadiene	8.44	225	108632	14.58	ng	97
37) 2-Methylnaphthalene	9.00	142	412181	14.16	ng	99
48) Acenaphthylene	9.91	152	1453794	31.48	ng	98
49) Dimethylphthalate	9.77	163	589983	18.02	ng	98
51) Acenaphthene	10.09	154	382942	13.30	ng	98
57) Fluorene	10.60	166	1019998	32.56	ng	99
59) Diethylphthalate	10.46	149	568508	16.78	ng	# 89
60) 4-Chlorophenyl-phenylether	10.59	204	365719	25.68	ng	# 80
62) Azobenzene	10.59	77	218175	5.58	ng	# 51
66) 4-Bromophenyl-phenylether	11.09	248	239569	32.54	ng	# 83
67) Hexachlorobenzene	11.15	284	147360	17.97	ng	# 73
70) Phenanthrene	11.62	178	545459	14.18	ng	95
71) Anthracene	11.62	178	545471	13.89	ng	96
73) Di-n-butylphthalate	12.11	149	635118	14.30	ng	# 95
74) Fluoranthene	12.76	202	1462983	38.78	ng	99
79) Butylbenzylphthalate	13.61	149	582610	28.12	ng	# 71
80) Benzo(a)anthracene	14.18	228	326220	9.60	ng	97
82) Chrysene	14.21	228	580782	18.58	ng	98
83) Bis(2-ethylhexyl)phthalate	14.18	149	301401	10.24	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.21	276	256224	11.49	ng	96
87) Benzo(b)fluoranthene	15.25	252	391806	14.25	ng	# 97
88) Benzo(k)fluoranthene	15.25	252	391813	15.17	ng	96
89) Benzo(a)pyrene	15.63	252	667191	28.16	ng	# 94
91) Benzo(g,h,i)perylene	17.66	276	443763	22.94	ng	# 93

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ALS Vial : 14 Sample Multiplier: 1

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QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

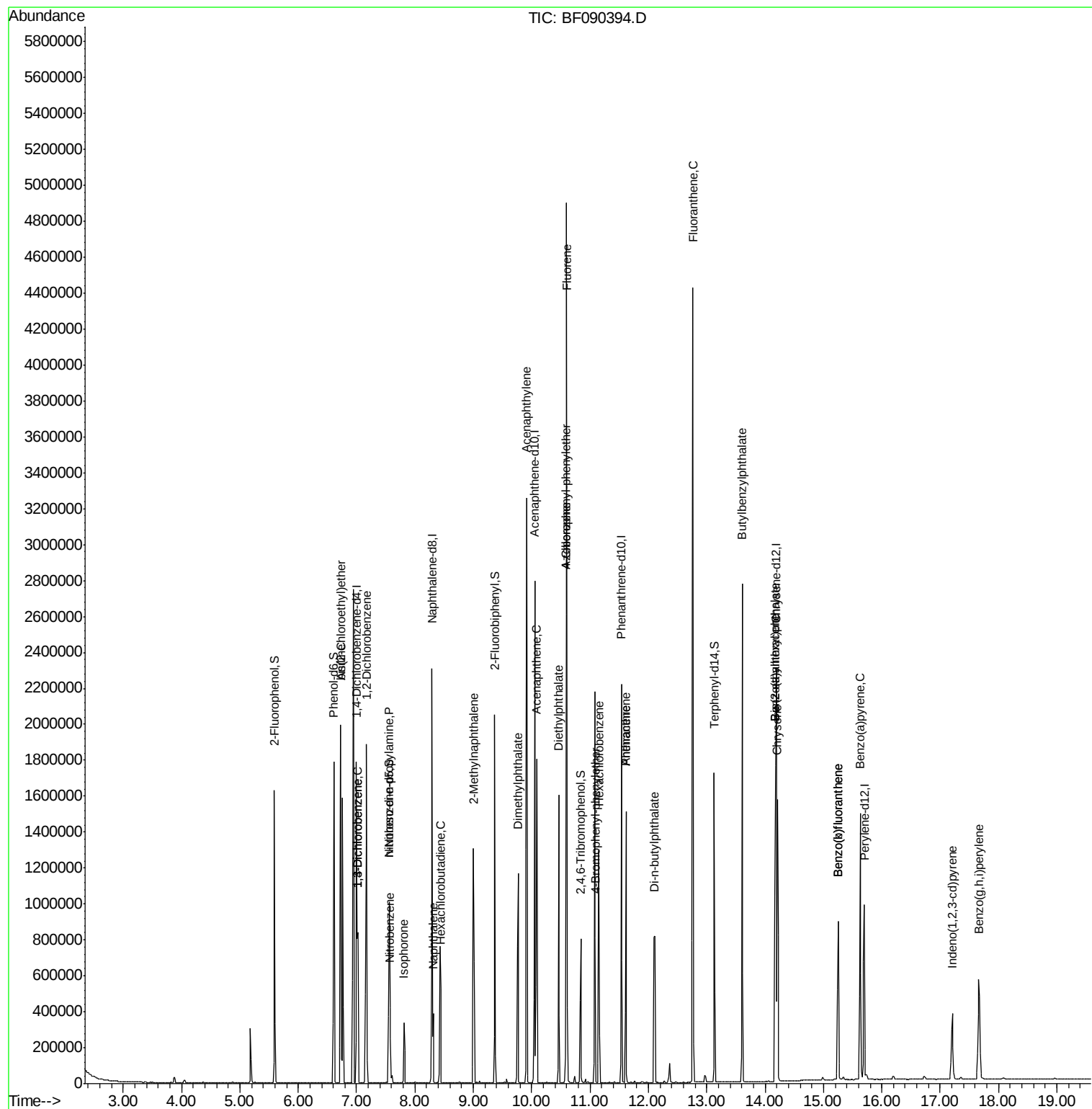
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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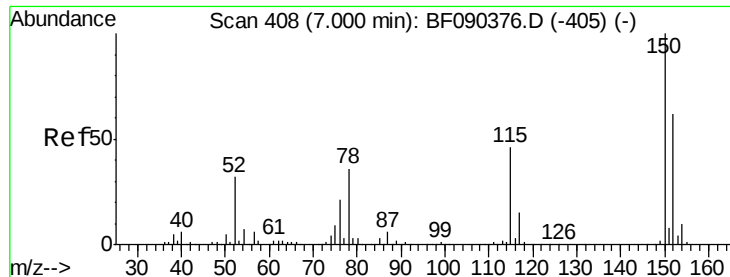
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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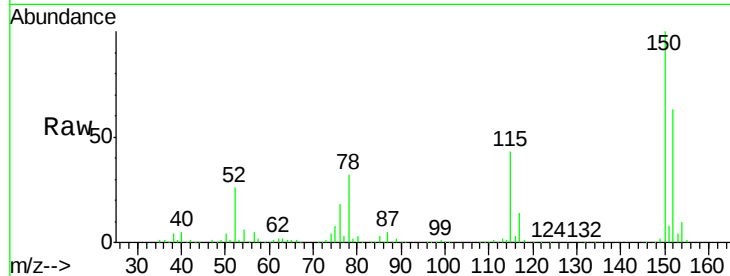


#1

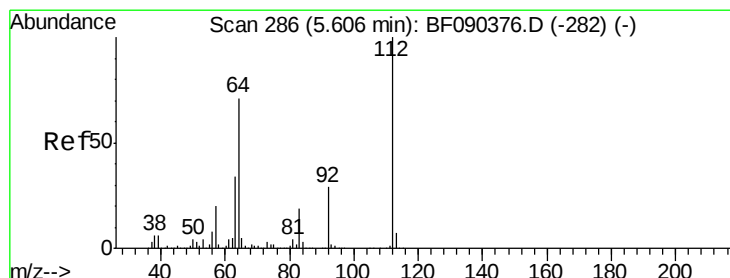
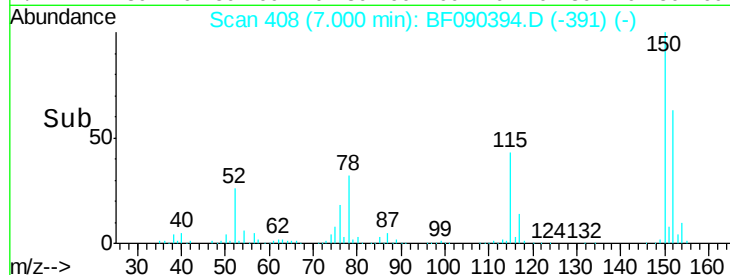
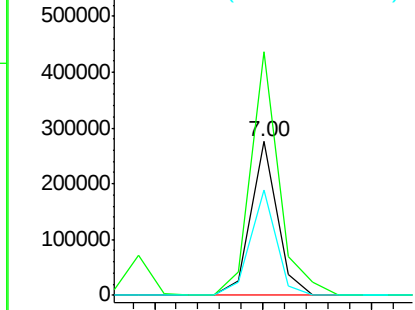
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF090394.D
Acq: 5 Oct 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 232009
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 68.7 46.2 69.4



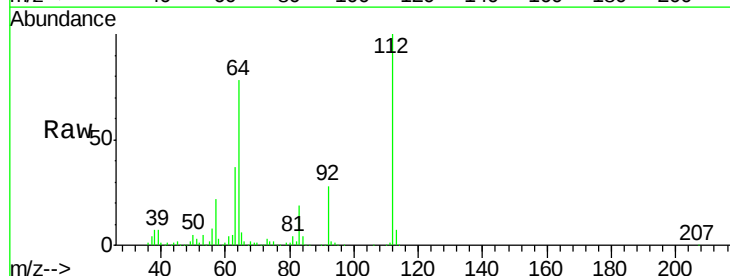
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



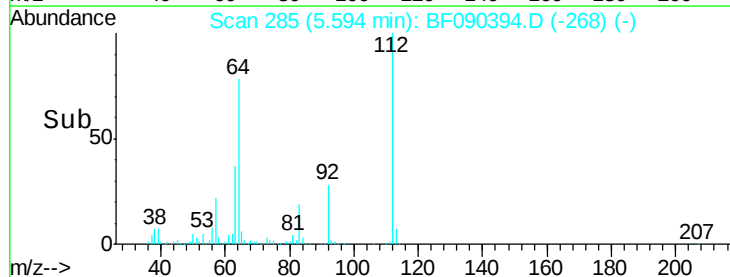
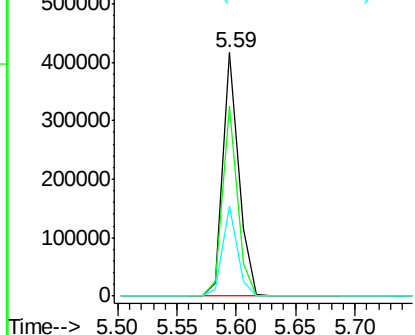
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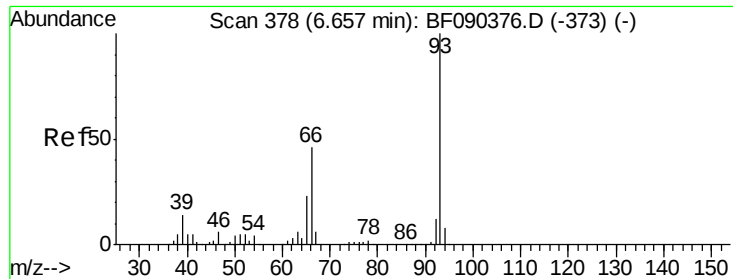
2-Fluorophenol
Concen: 24.57 ng
RT: 5.59 min Scan# 285
Delta R.T. -0.01 min
Lab File: BF090394.D
Acq: 5 Oct 2016 21:56

Tgt Ion:112 Resp: 381923
Ion Ratio Lower Upper
112 100
64 78.0 57.9 86.9
63 37.0 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: 19.45 ng

RT: 6.73 min Scan# 384

Delta R.T. 0.07 min

Lab File: BF090394.D

Acq: 5 Oct 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

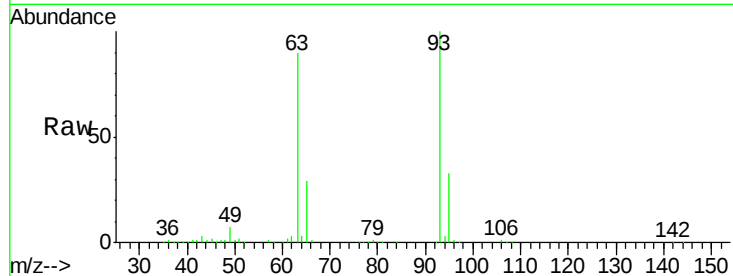
Tgt Ion: 93 Resp: 546974

Ion Ratio Lower Upper

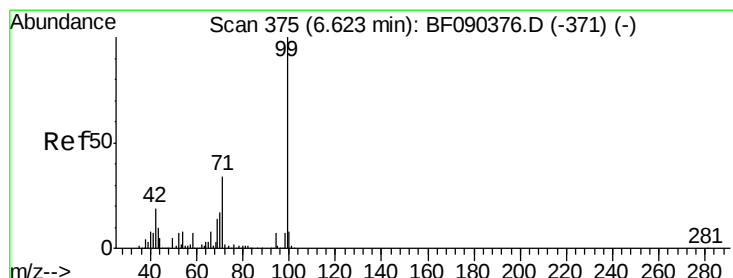
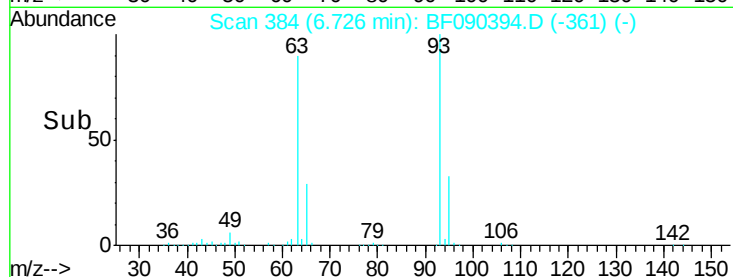
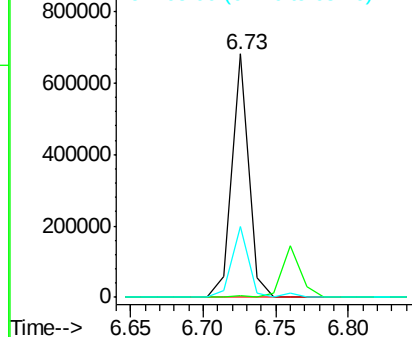
93 100

66 0.7 34.5 51.7#

65 29.1 18.2 27.2#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 26.56 ng

RT: 6.61 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF090394.D

Acq: 5 Oct 2016 21:56

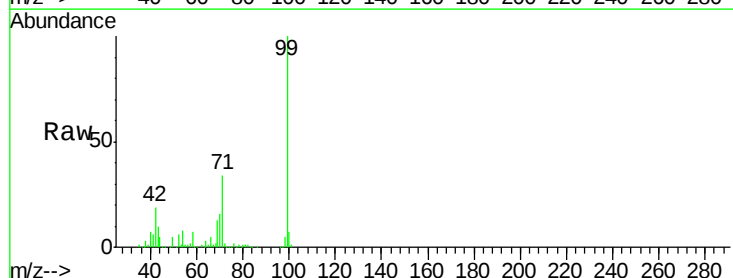
Tgt Ion: 99 Resp: 540853

Ion Ratio Lower Upper

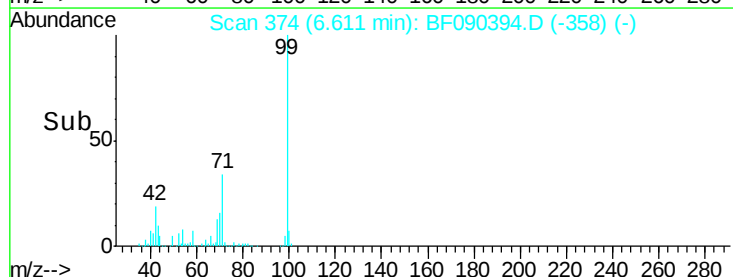
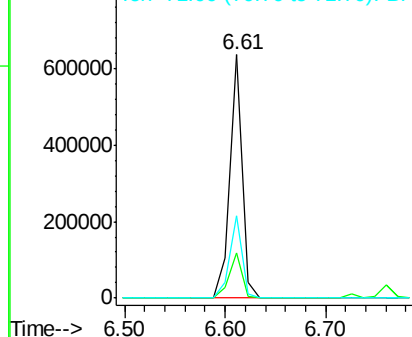
99 100

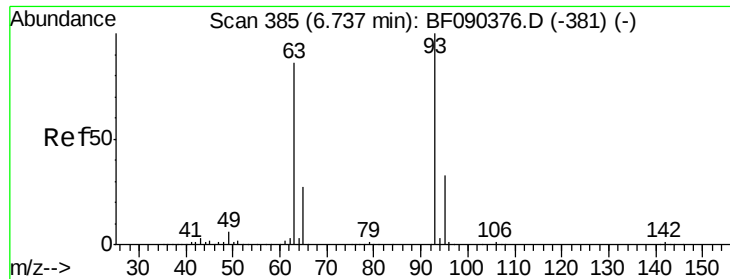
42 18.7 20.0 30.0#

71 33.6 27.9 41.9



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

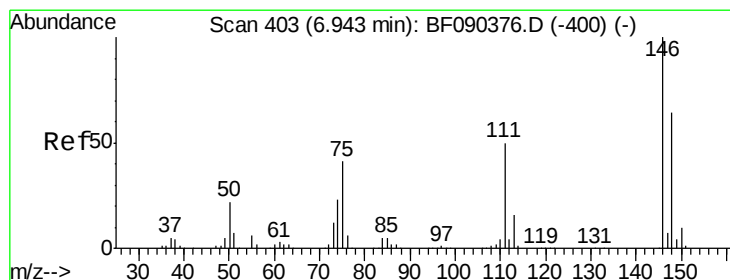
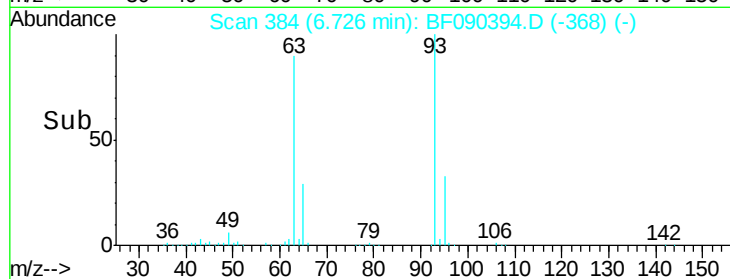
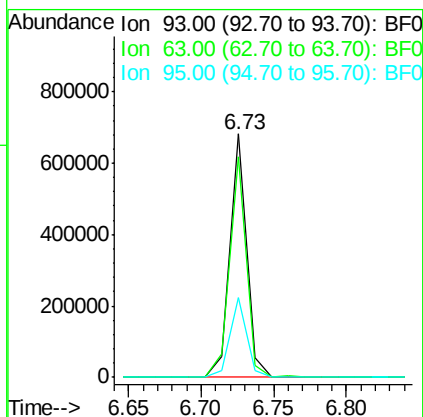
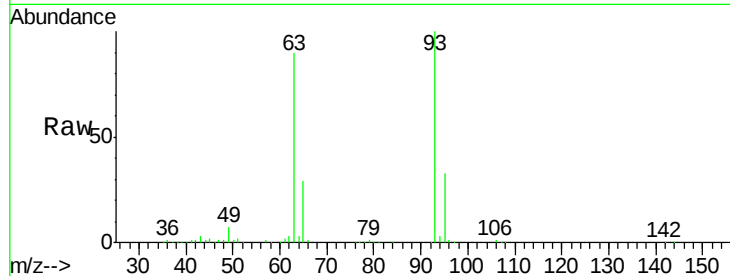




#11
bis(2-Chloroethyl)ether
Concen: 30.18 ng
RT: 6.73 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF090394.D
Acq: 5 Oct 2016 21:56

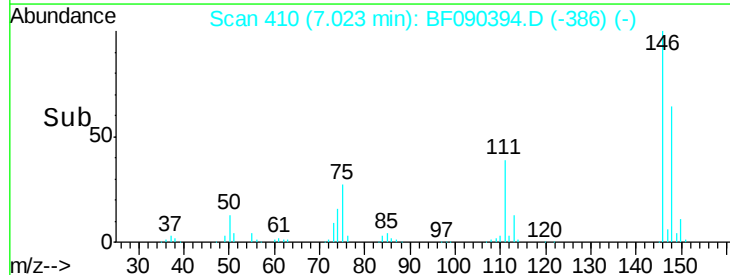
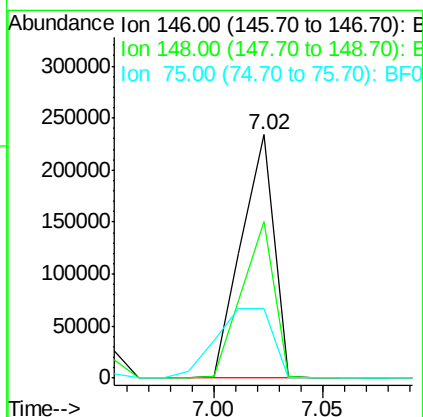
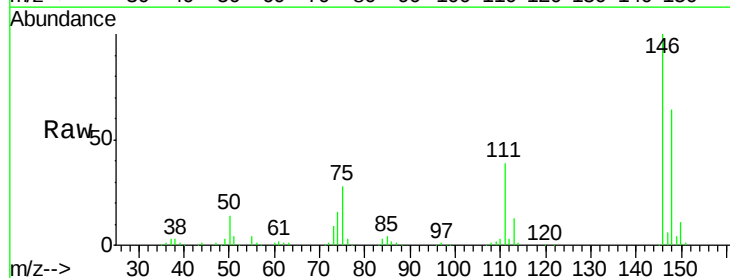
Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

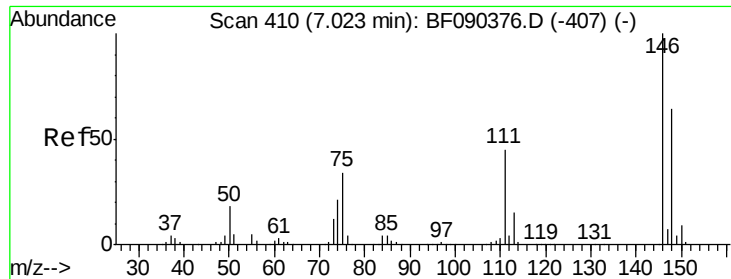
Tgt Ion: 93 Resp: 546974
Ion Ratio Lower Upper
93 100
63 90.5 59.7 99.7
95 32.9 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 14.37 ng
RT: 7.02 min Scan# 410
Delta R.T. 0.08 min
Lab File: BF090394.D
Acq: 5 Oct 2016 21:56

Tgt Ion: 146 Resp: 245137
Ion Ratio Lower Upper
146 100
148 64.4 52.2 78.4
75 28.3 21.4 32.2

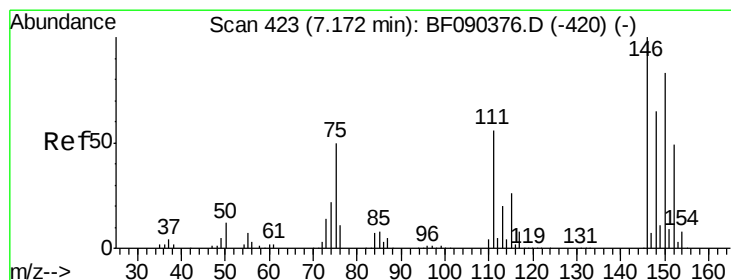
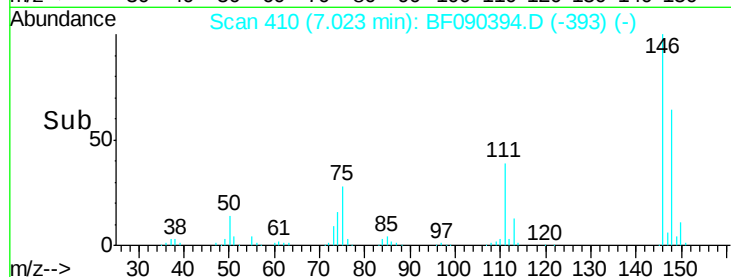
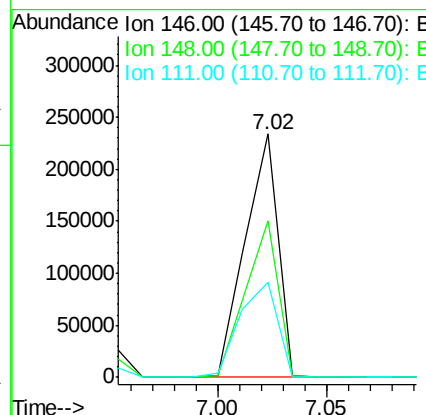
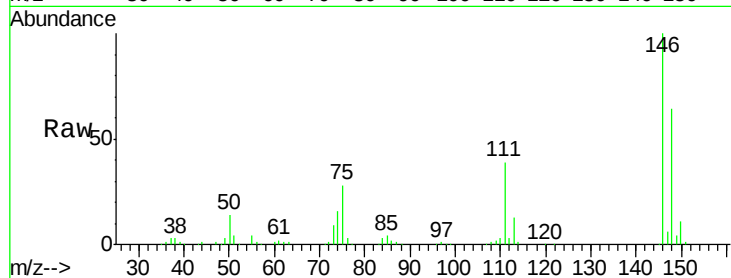




#13
 1,4-Dichlorobenzene
 Concen: 14.15 ng
 RT: 7.02 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF090394.D
 Acq: 5 Oct 2016 21:56

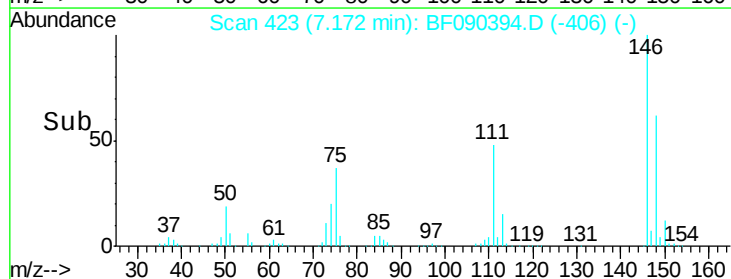
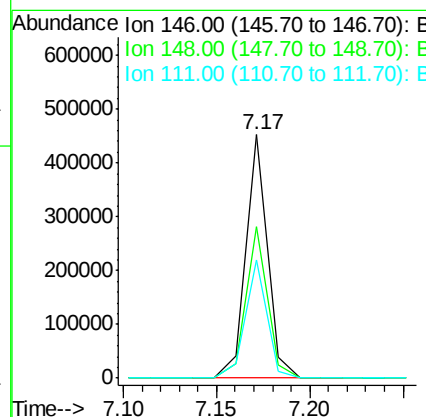
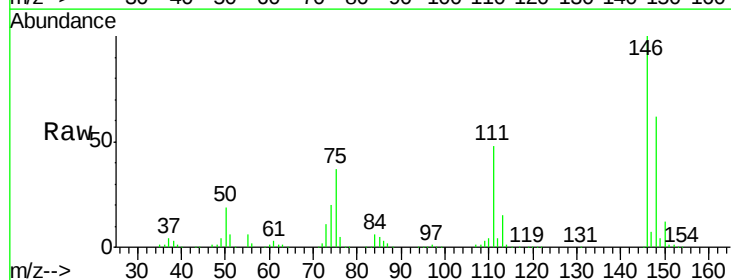
Instrument :
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 PT-BN-WPDL

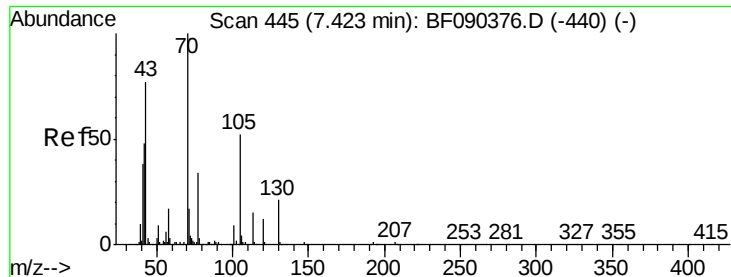
Tgt Ion:146 Resp: 245137
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 39.2 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 22.00 ng
 RT: 7.17 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF090394.D
 Acq: 5 Oct 2016 21:56

Tgt Ion:146 Resp: 367192
 Ion Ratio Lower Upper
 146 100
 148 62.4 52.3 78.5
 111 48.4 38.2 57.4

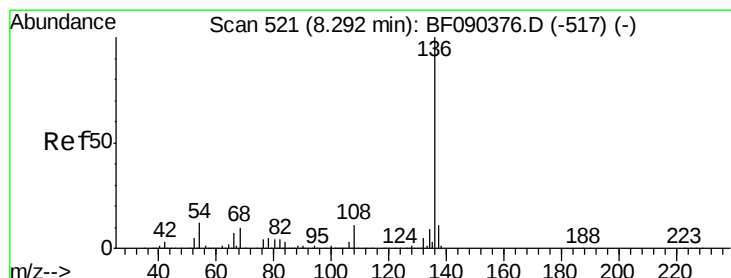
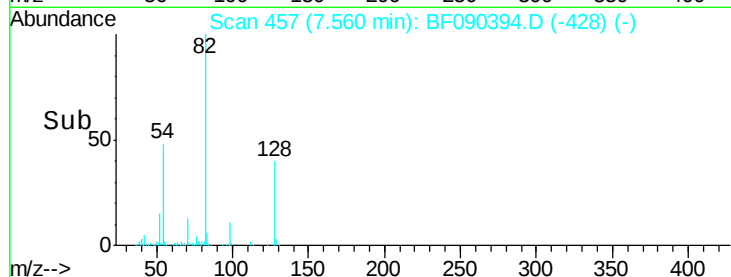
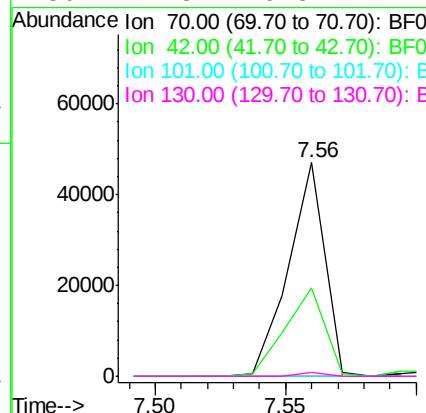
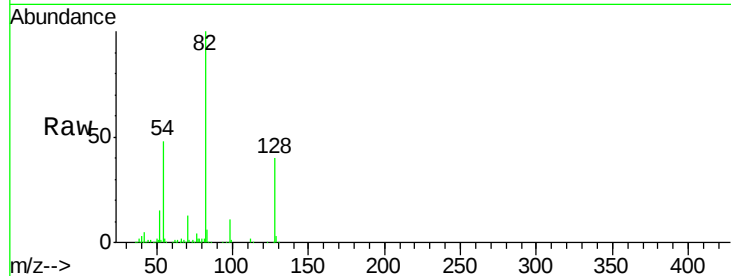




#19
n-Nitroso-di-n-propylamine
Concen: 3.05 ng
RT: 7.56 min Scan# 457
Delta R.T. 0.14 min
Lab File: BF090394.D
Acq: 5 Oct 2016 21:56

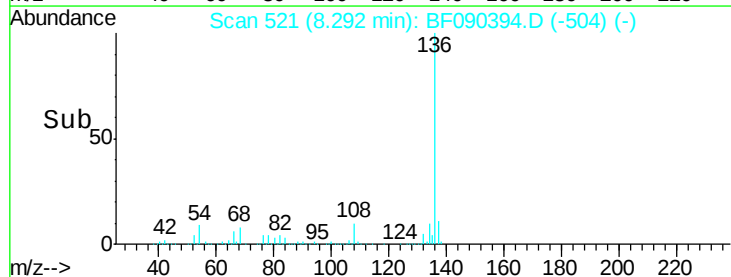
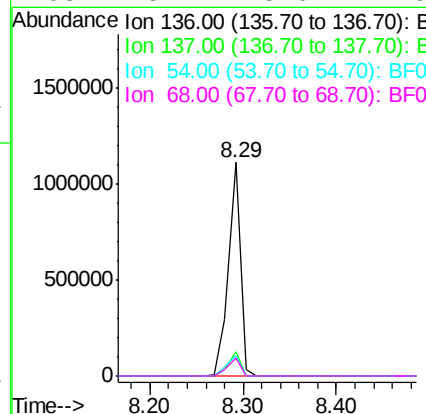
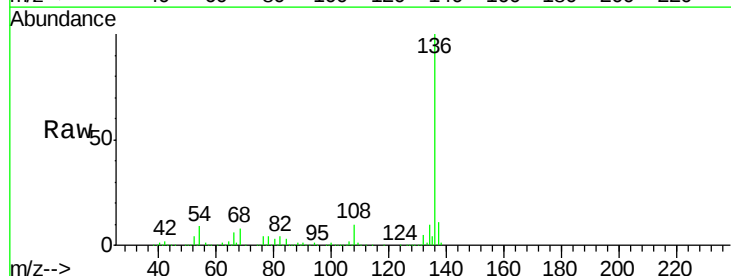
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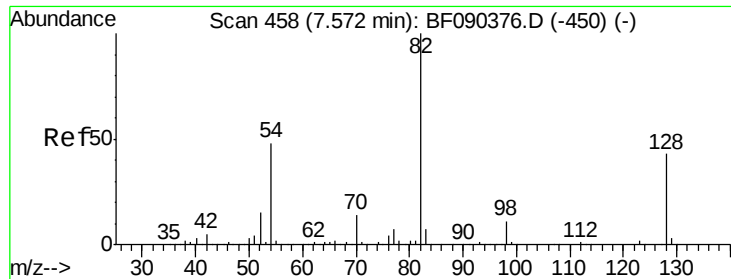
Tgt Ion: 70 Resp: 45504
Ion Ratio Lower Upper
70 100
42 41.3 55.4 83.2#
101 0.0 7.6 11.4#
130 1.8 16.5 24.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF090394.D
Acq: 5 Oct 2016 21:56

Tgt Ion: 136 Resp: 996513
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.5 6.6 10.0
68 8.1 5.0 7.6#

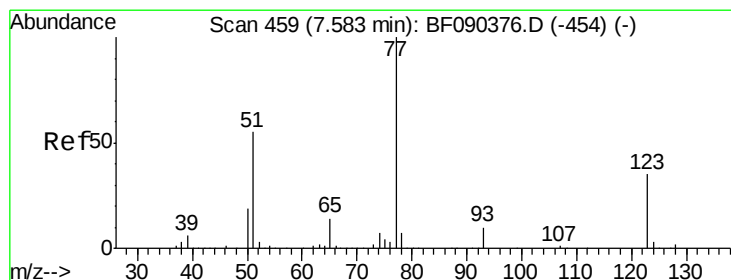
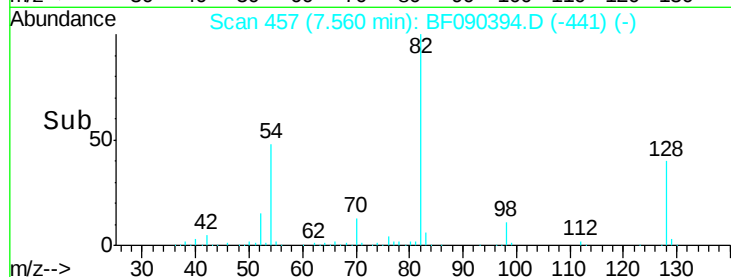
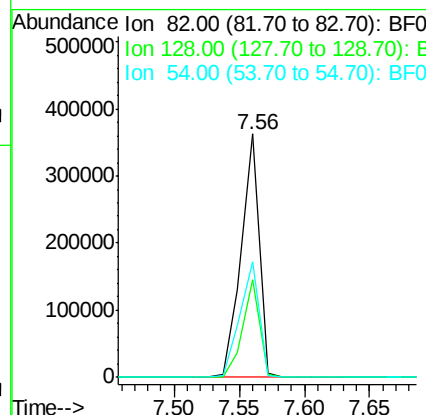
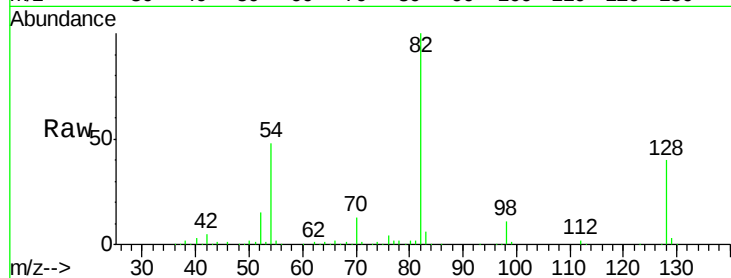




#23
 Nitrobenzene-d5
 Concen: 16.94 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090394.D
 Acq: 5 Oct 2016 21:56

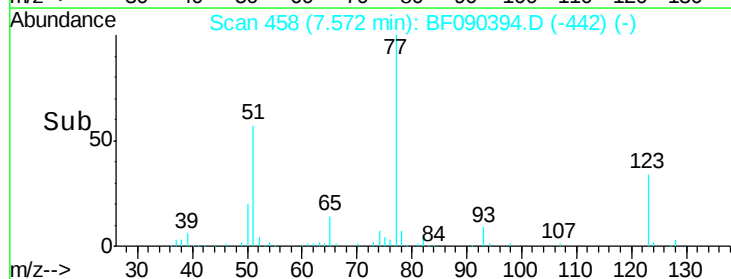
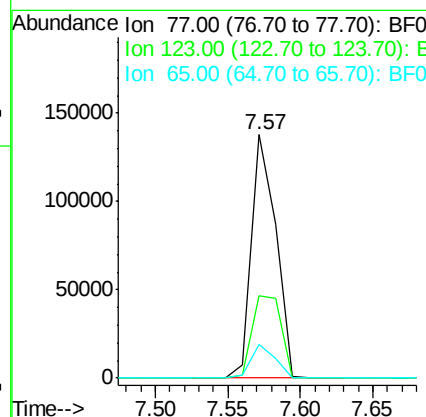
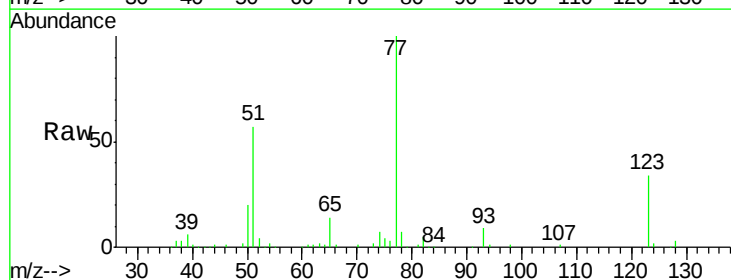
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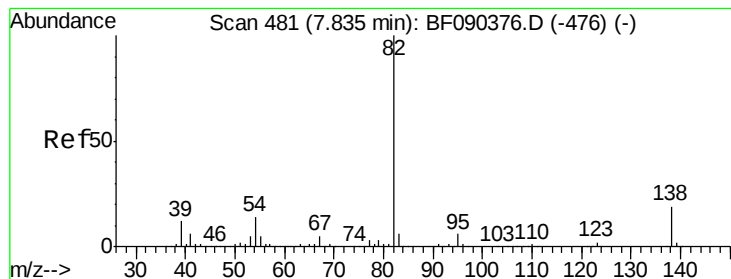
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.2	40.0	60.0
54	47.7	42.6	64.0



#24
 Nitrobenzene
 Concen: 7.90 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF090394.D
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Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.9	33.0	49.4
65	13.8	12.0	18.0





#25

Isophorone

Concen: 4.42 ng

RT: 7.81 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF090394.D

Acq: 5 Oct 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

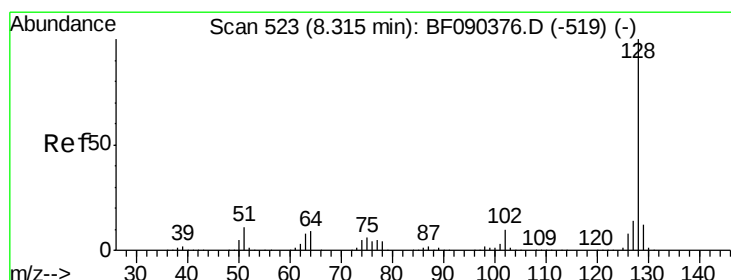
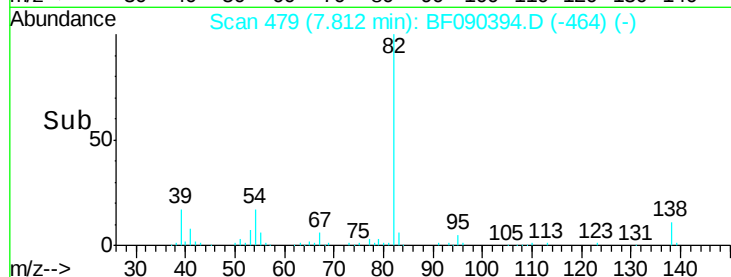
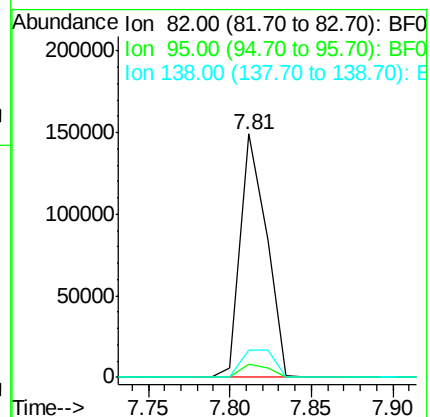
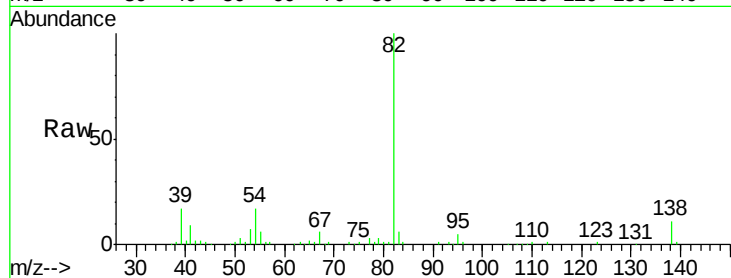
Tgt Ion: 82 Resp: 165393

Ion Ratio Lower Upper

82 100

95 5.5 5.2 7.8

138 11.3 13.0 19.4#



#31

Naphthalene

Concen: 4.08 ng

RT: 8.31 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090394.D

Acq: 5 Oct 2016 21:56

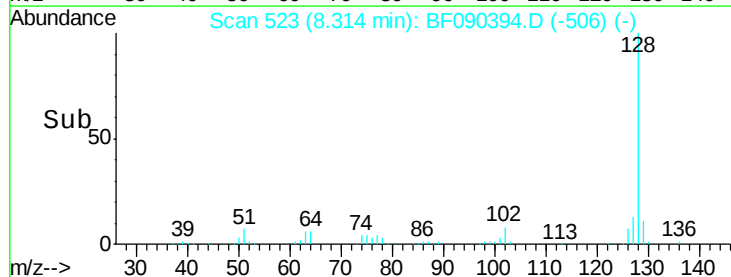
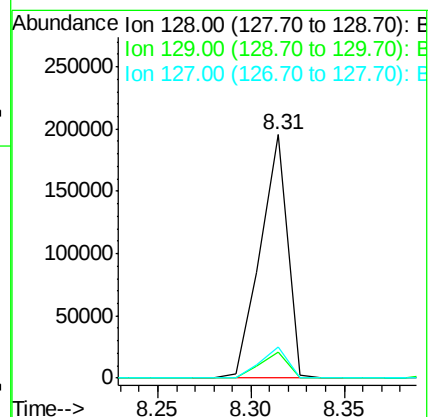
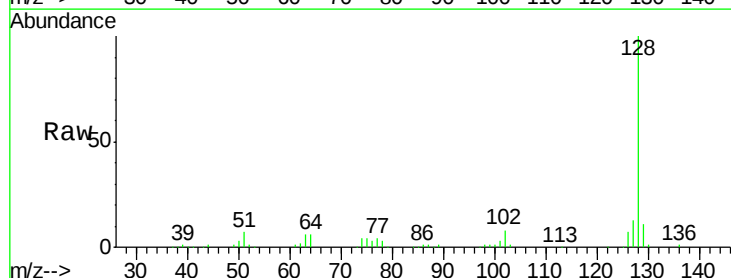
Tgt Ion: 128 Resp: 196261

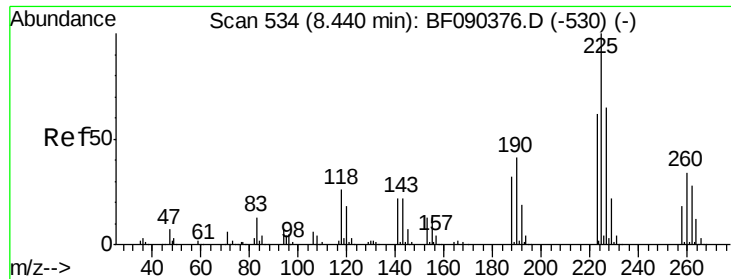
Ion Ratio Lower Upper

128 100

129 10.6 9.7 14.5

127 12.5 11.7 17.5





#34

Hexachlorobutadiene

Concen: 14.58 ng

RT: 8.44 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF090394.D

Acq: 5 Oct 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

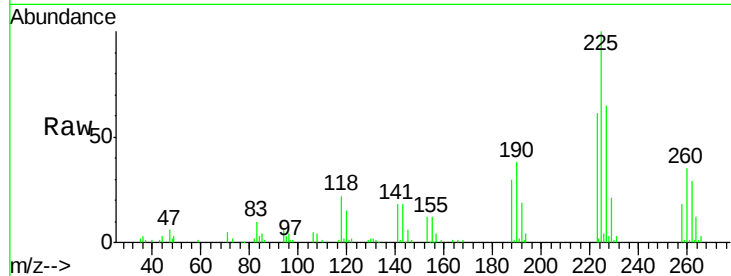
Tgt Ion:225 Resp: 108632

Ion Ratio Lower Upper

225 100

223 60.9 51.0 76.4

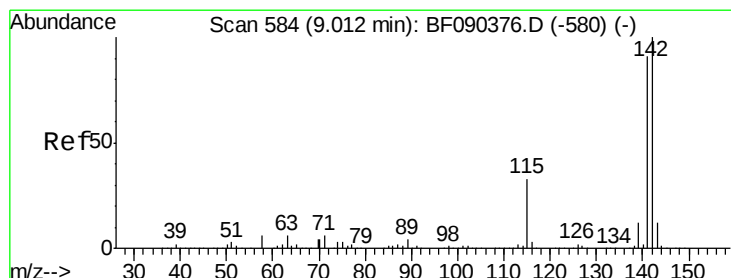
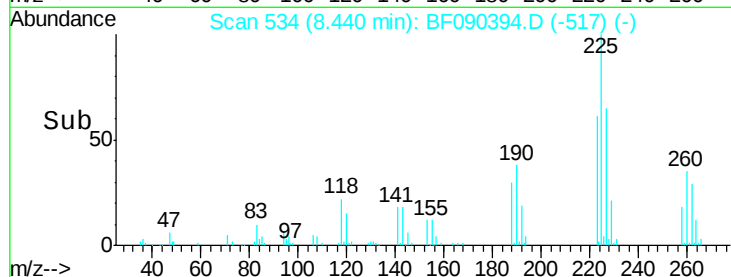
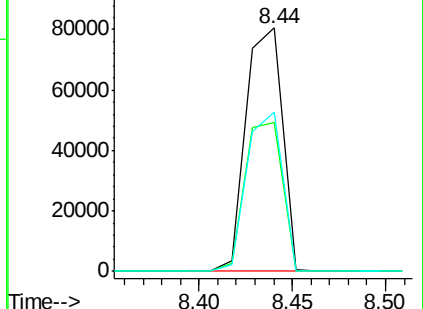
227 65.1 50.8 76.2



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: 14.16 ng

RT: 9.00 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF090394.D

Acq: 5 Oct 2016 21:56

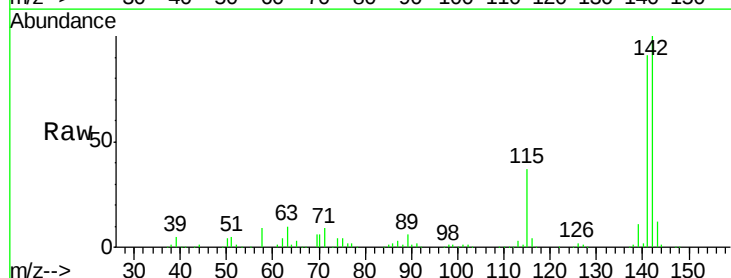
Tgt Ion:142 Resp: 412181

Ion Ratio Lower Upper

142 100

141 90.8 71.8 107.8

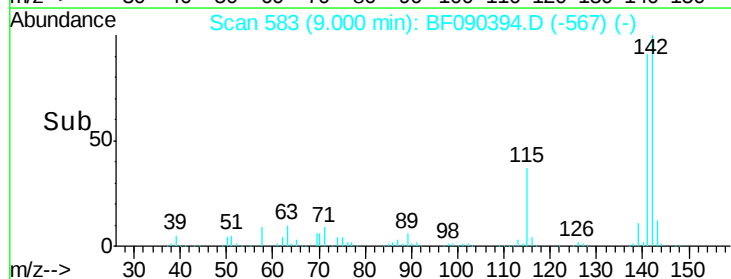
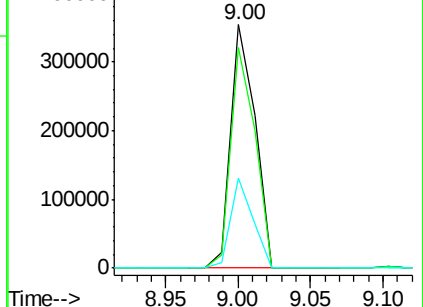
115 36.8 28.8 43.2

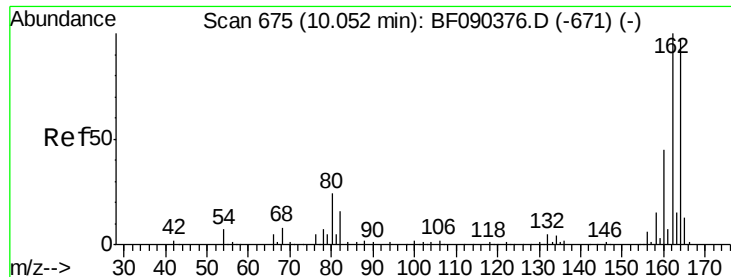


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF090394.D

Acq: 5 Oct 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

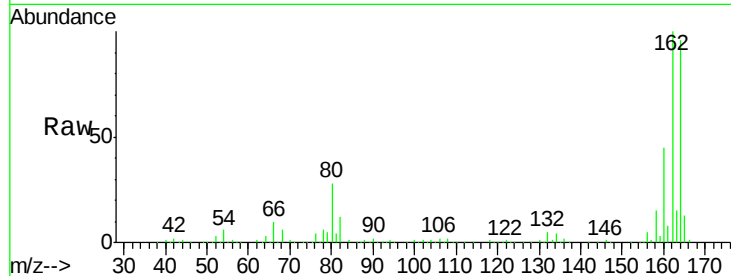
Tgt Ion:164 Resp: 511230

Ion Ratio Lower Upper

164 100

162 103.7 80.1 120.1

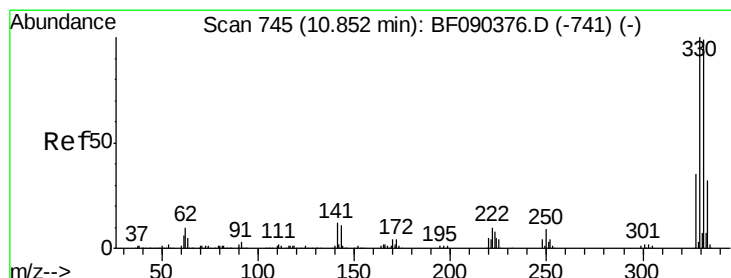
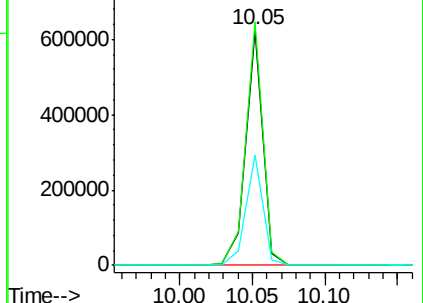
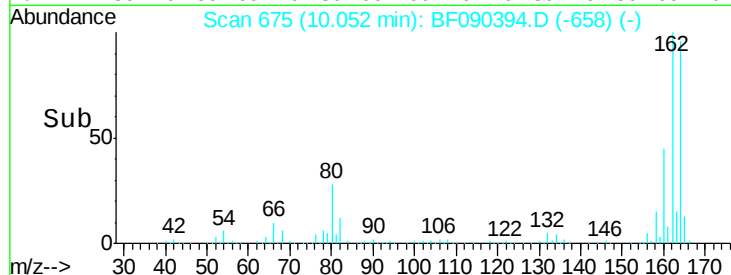
160 47.0 36.3 54.5



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: 23.59 ng

RT: 10.84 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF090394.D

Acq: 5 Oct 2016 21:56

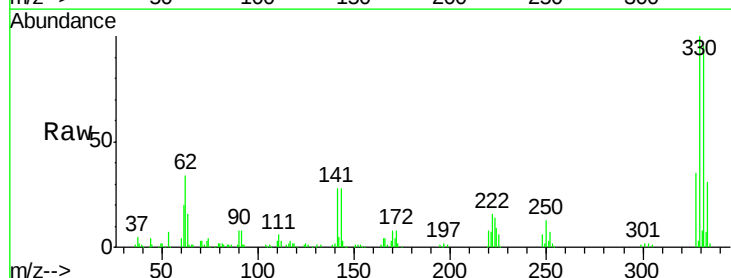
Tgt Ion:330 Resp: 98064

Ion Ratio Lower Upper

330 100

332 95.1 75.4 113.0

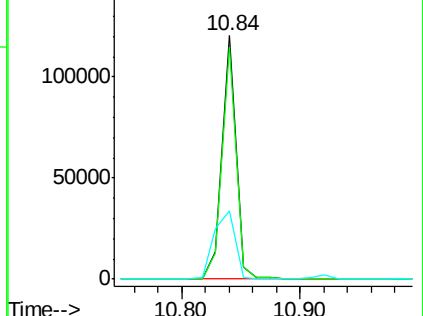
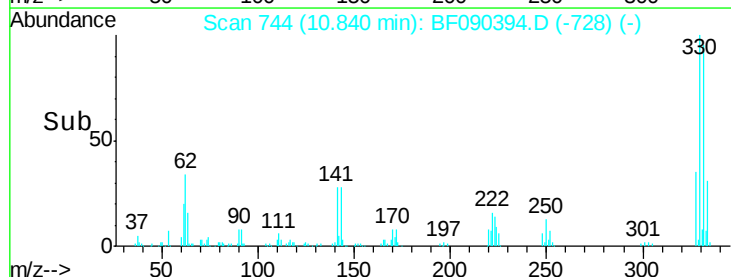
141 42.6 26.9 40.3#

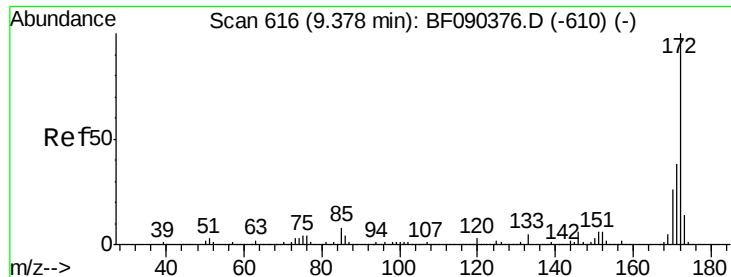


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

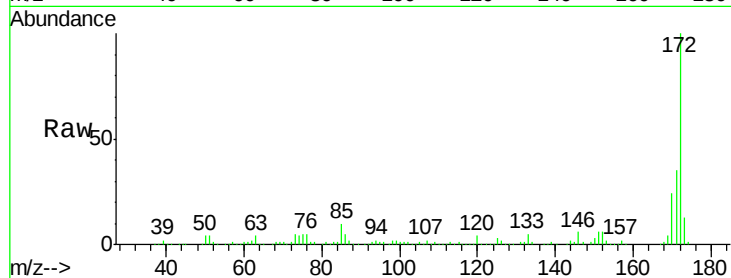




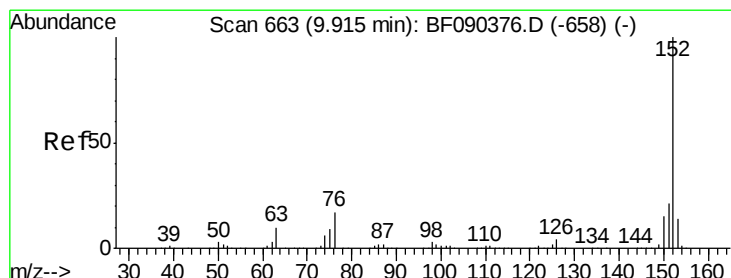
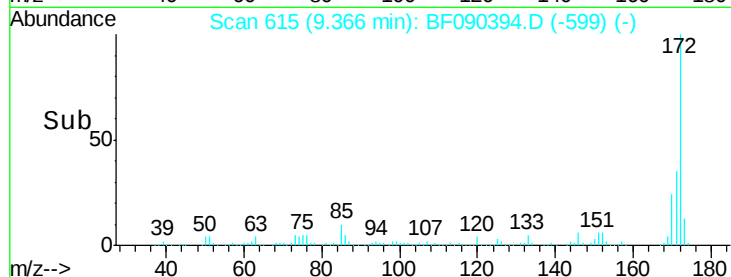
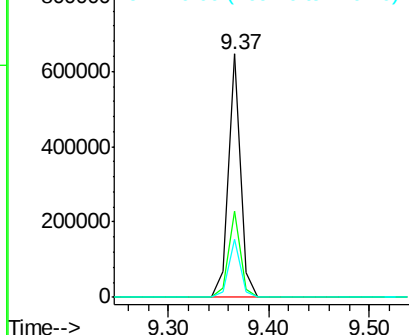
#44
 2-Fluorobiphenyl
 Concen: 17.56 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090394.D
 Acq: 5 Oct 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

Tgt Ion:172 Resp: 538820
 Ion Ratio Lower Upper
 172 100
 171 35.5 31.8 47.8
 170 24.1 21.7 32.5

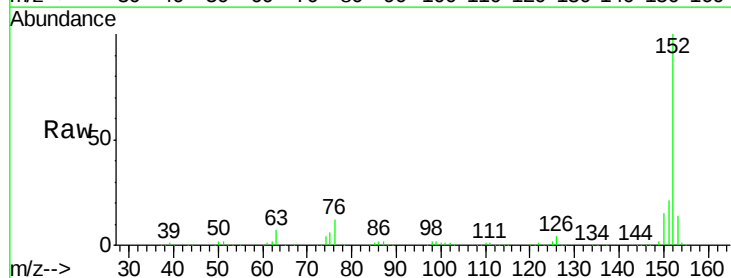


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

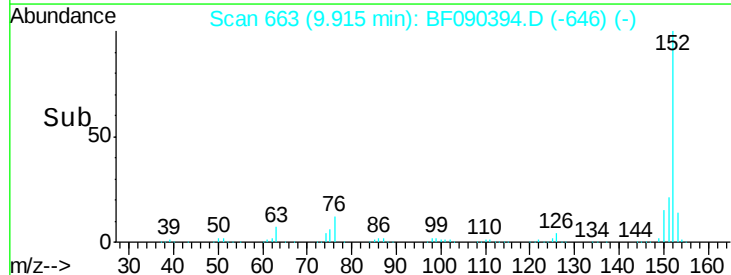
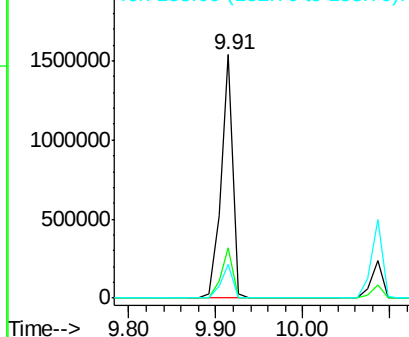


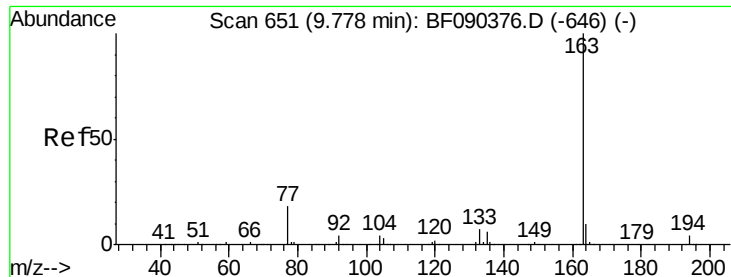
#48
 Acenaphthylene
 Concen: 31.48 ng
 RT: 9.91 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF090394.D
 Acq: 5 Oct 2016 21:56

Tgt Ion:152 Resp: 1453794
 Ion Ratio Lower Upper
 152 100
 151 20.7 17.4 26.0
 153 13.7 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

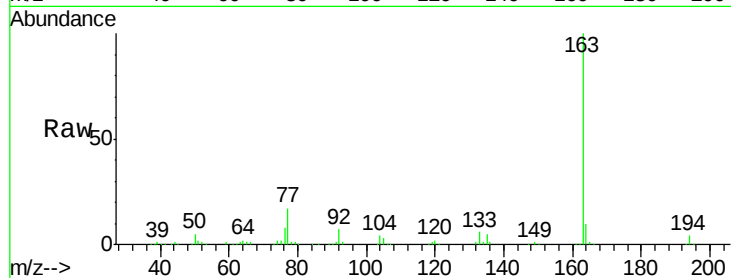




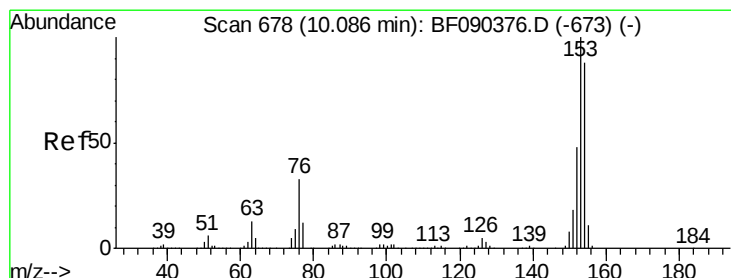
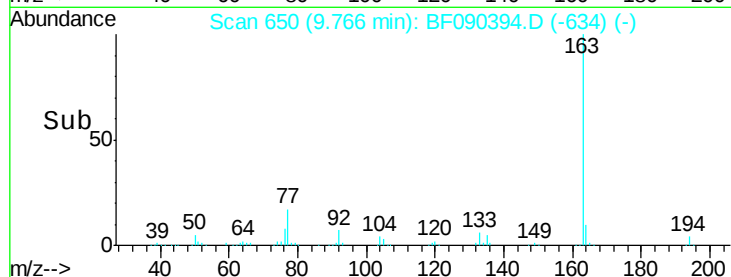
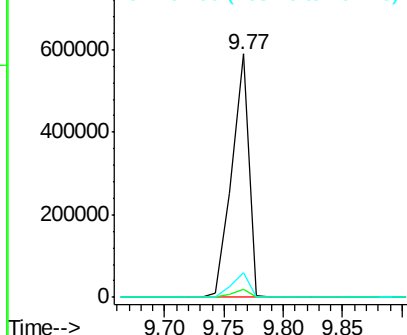
#49
Dimethylphthalate
Concen: 18.02 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF090394.D
Acq: 5 Oct 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:163 Resp: 589983
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.0 9.0 13.4

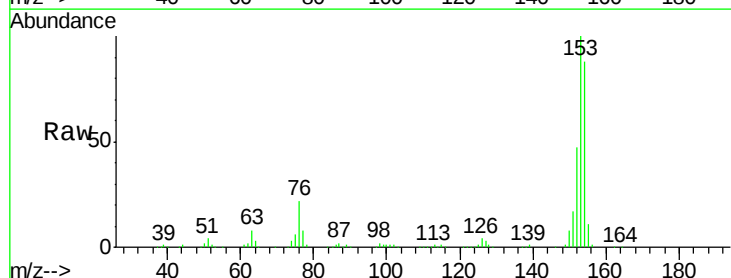


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

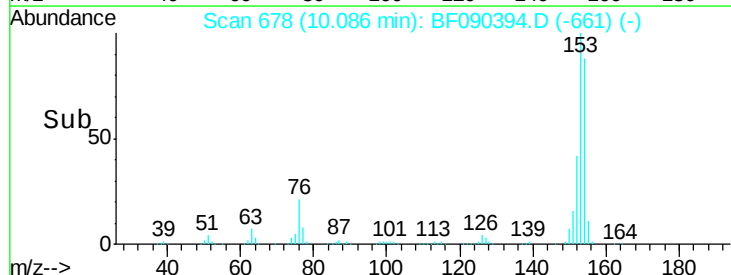
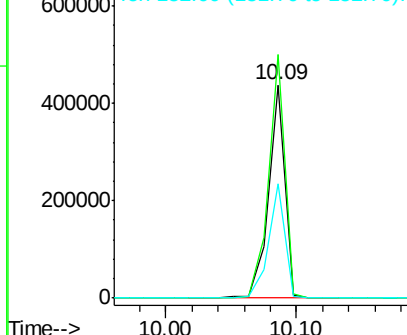


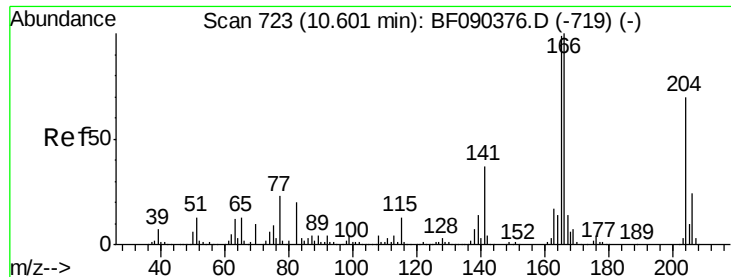
#51
Acenaphthene
Concen: 13.30 ng
RT: 10.09 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF090394.D
Acq: 5 Oct 2016 21:56

Tgt Ion:154 Resp: 382942
Ion Ratio Lower Upper
154 100
153 114.0 88.6 133.0
152 53.7 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: 32.56 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090394.D

Acq: 5 Oct 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

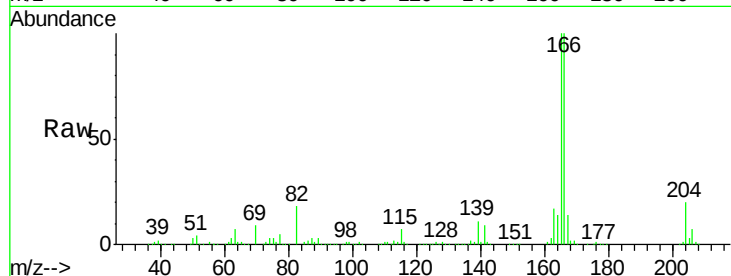
Tgt Ion:166 Resp: 1019998

Ion Ratio Lower Upper

166 100

165 100.0 79.2 118.8

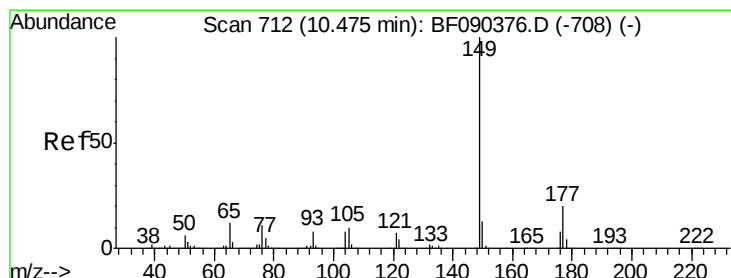
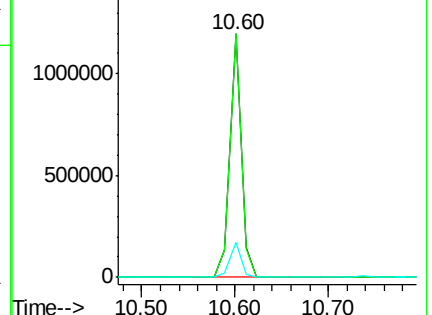
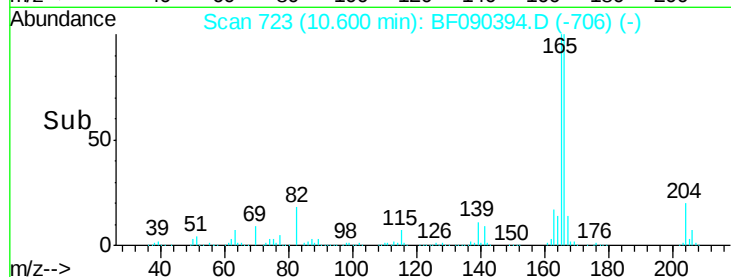
167 14.2 11.1 16.7



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: 16.78 ng

RT: 10.46 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF090394.D

Acq: 5 Oct 2016 21:56

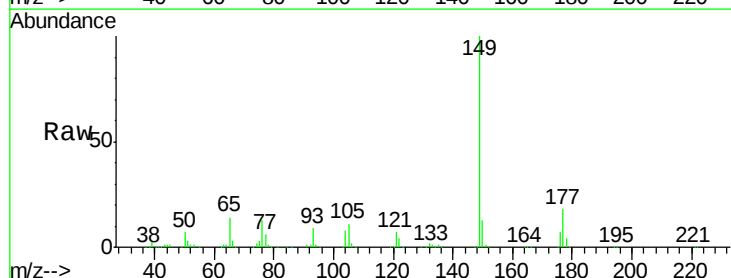
Tgt Ion:149 Resp: 568508

Ion Ratio Lower Upper

149 100

177 18.1 21.1 31.7#

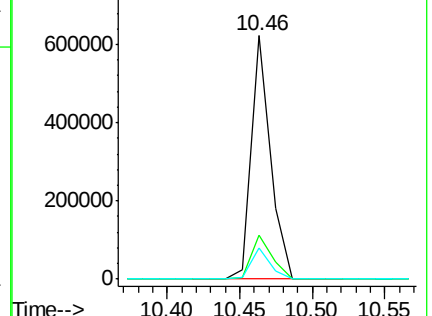
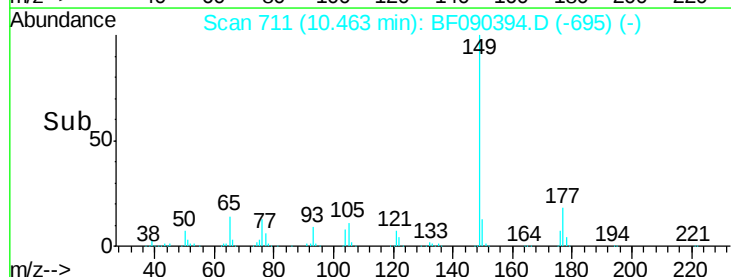
150 12.7 10.2 15.2

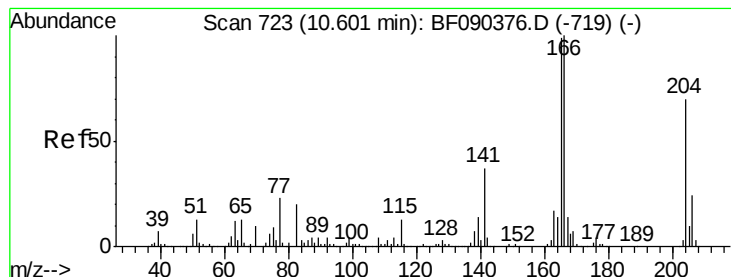


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 25.68 ng

RT: 10.59 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF090394.D

Acq: 5 Oct 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

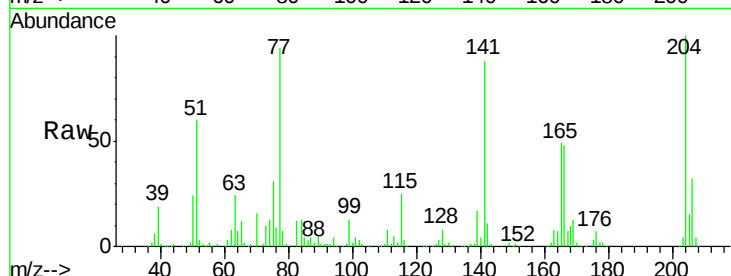
Tgt Ion: 204 Resp: 365719

Ion Ratio Lower Upper

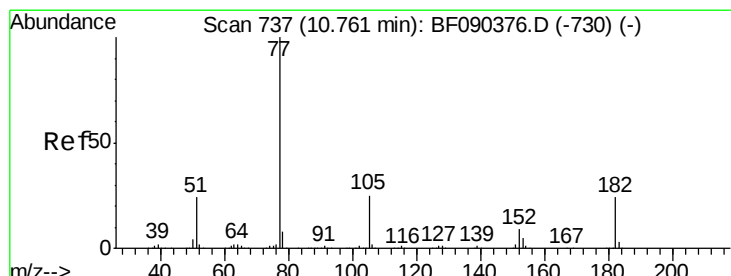
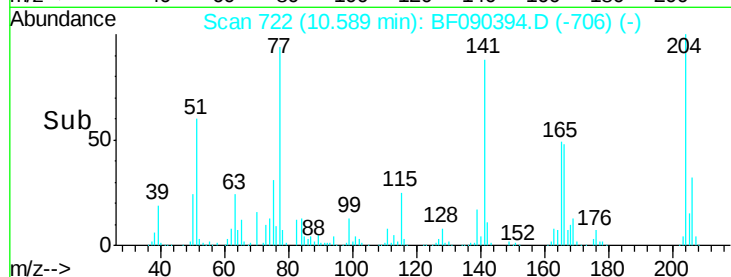
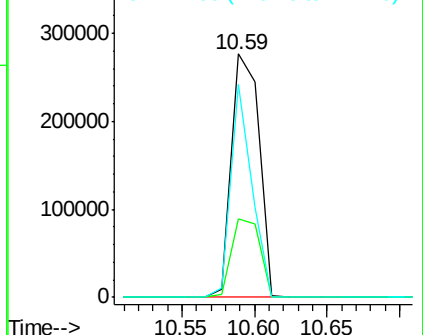
204 100

206 32.4 26.7 40.1

141 87.6 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



#62

Azobenzene

Concen: 5.58 ng

RT: 10.59 min Scan# 722

Delta R.T. -0.17 min

Lab File: BF090394.D

Acq: 5 Oct 2016 21:56

Tgt Ion: 77 Resp: 218175

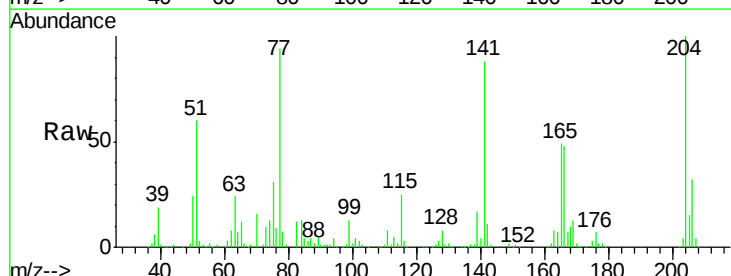
Ion Ratio Lower Upper

77 100

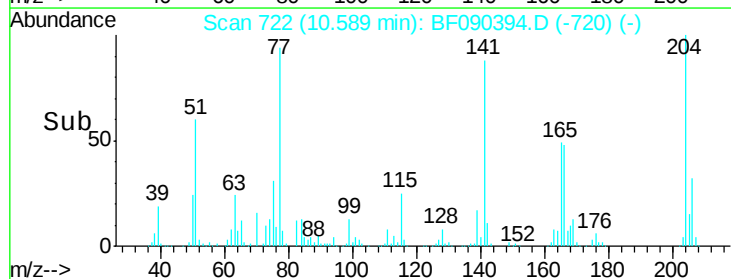
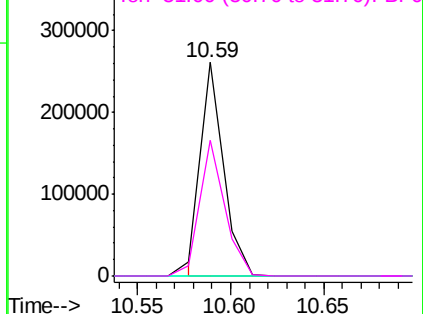
182 0.0 3.2 43.2#

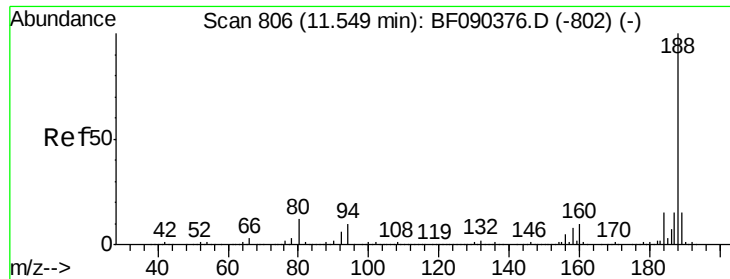
105 0.2 2.9 42.9#

51 63.7 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

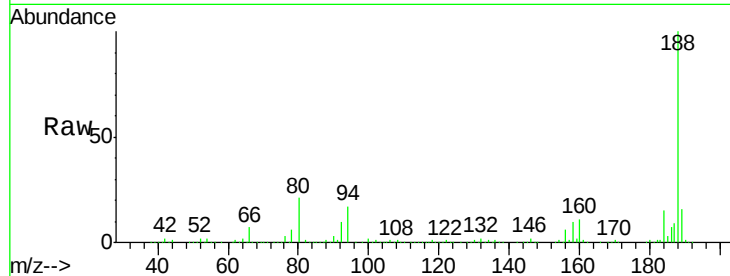




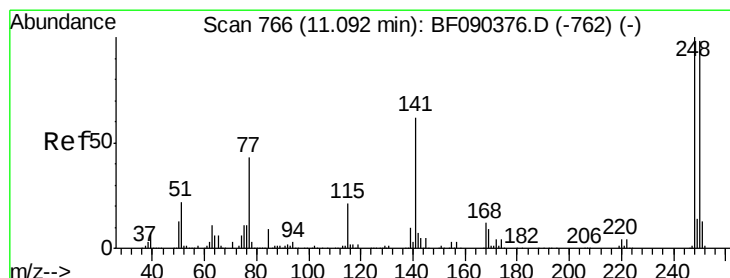
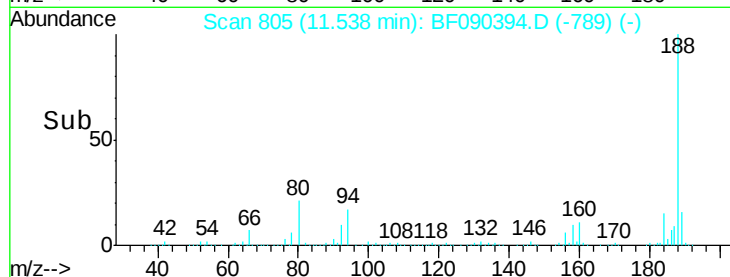
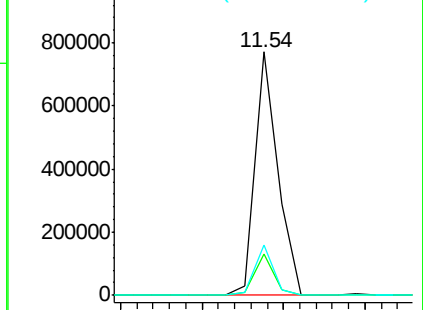
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090394.D
Acq: 5 Oct 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:188 Resp: 751114
Ion Ratio Lower Upper
188 100
94 17.2 8.2 12.2#
80 20.8 8.8 13.2#

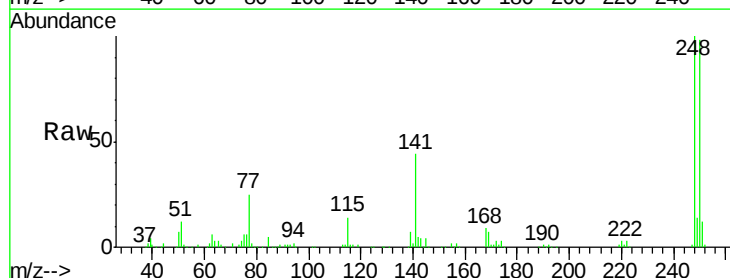


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

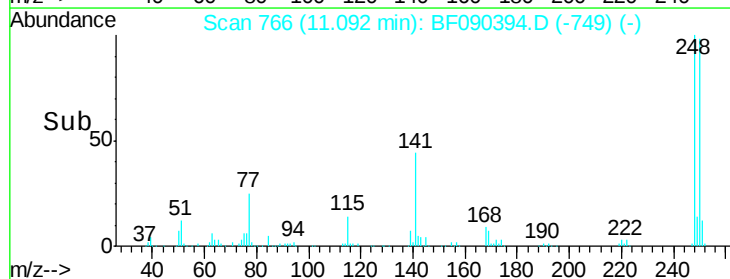
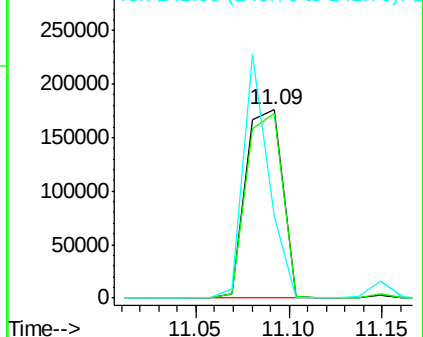


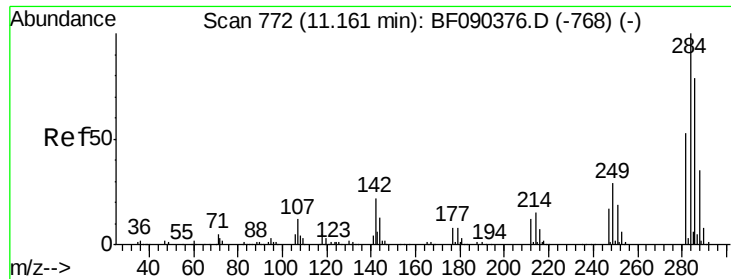
#66
4-Bromophenyl-phenylether
Concen: 32.54 ng
RT: 11.09 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF090394.D
Acq: 5 Oct 2016 21:56

Tgt Ion:248 Resp: 239569
Ion Ratio Lower Upper
248 100
250 98.2 76.5 114.7
141 44.0 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

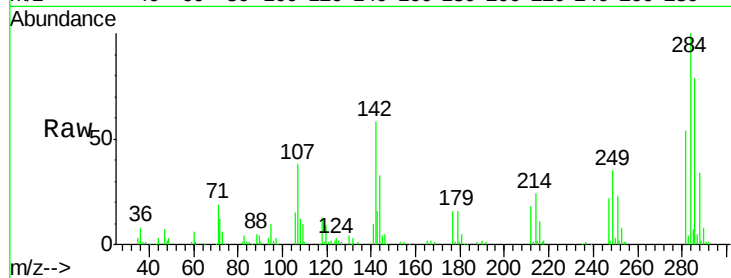




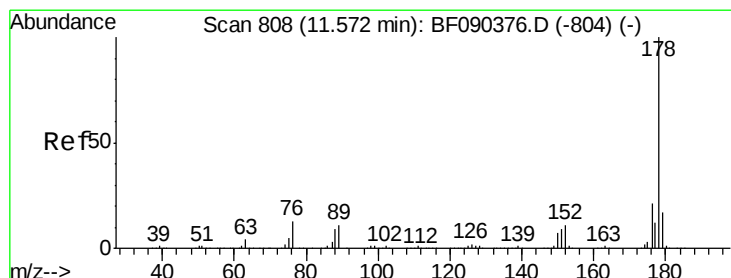
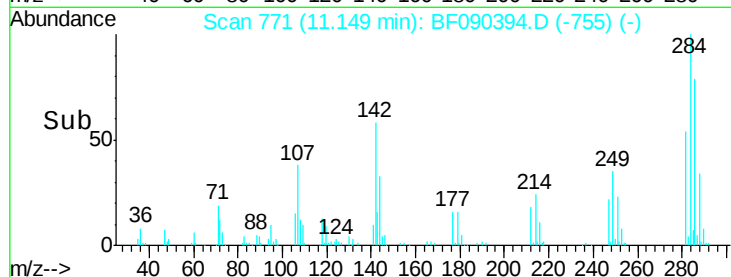
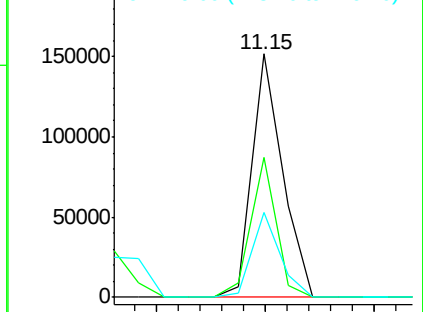
#67
Hexachlorobenzene
Concen: 17.97 ng
RT: 11.15 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF090394.D
Acq: 5 Oct 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 284 Resp: 147360
Ion Ratio Lower Upper
284 100
142 57.6 23.1 34.7#
249 35.1 26.3 39.5

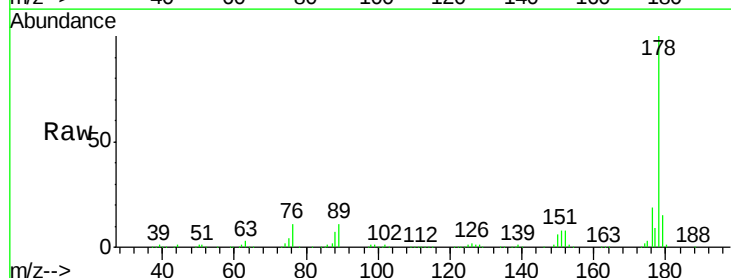


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

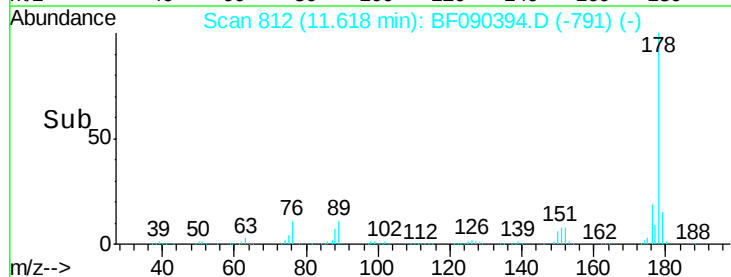
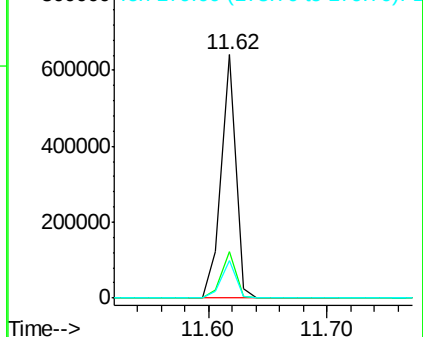


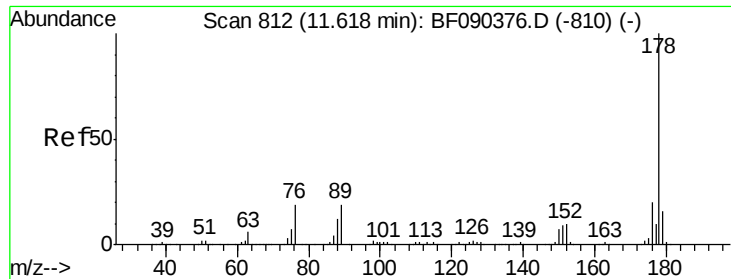
#70
Phenanthrene
Concen: 14.18 ng
RT: 11.62 min Scan# 812
Delta R.T. 0.05 min
Lab File: BF090394.D
Acq: 5 Oct 2016 21:56

Tgt Ion: 178 Resp: 545459
Ion Ratio Lower Upper
178 100
176 18.9 17.3 25.9
179 15.4 13.8 20.6



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

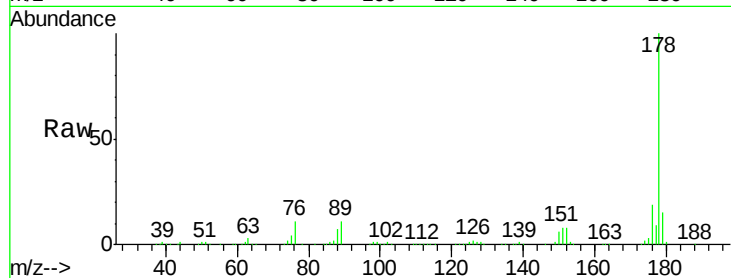




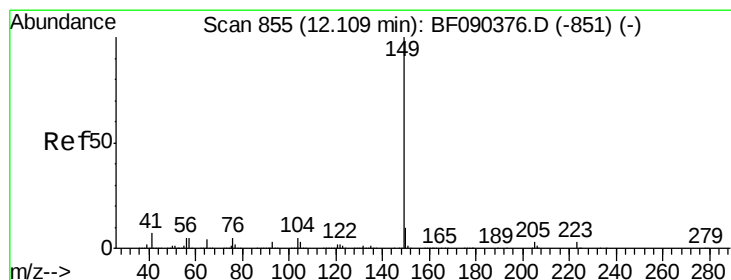
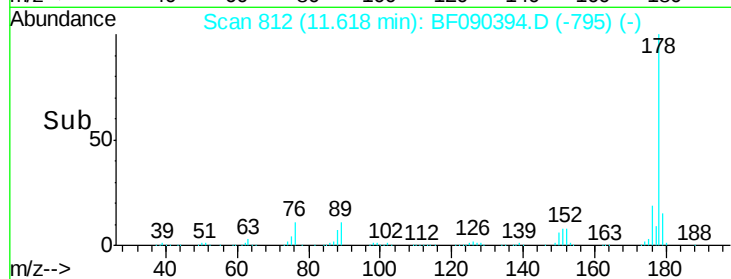
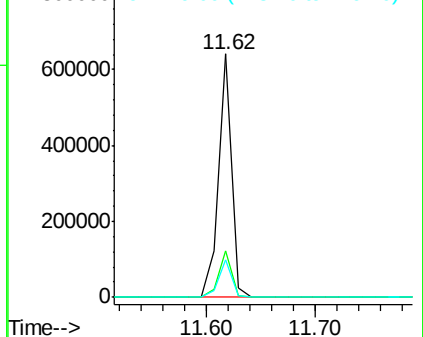
#71
 Anthracene
 Concen: 13.89 ng
 RT: 11.62 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090394.D
 Acq: 5 Oct 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

Tgt Ion:178 Resp: 545471
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.8 25.2
 179 15.4 13.4 20.2

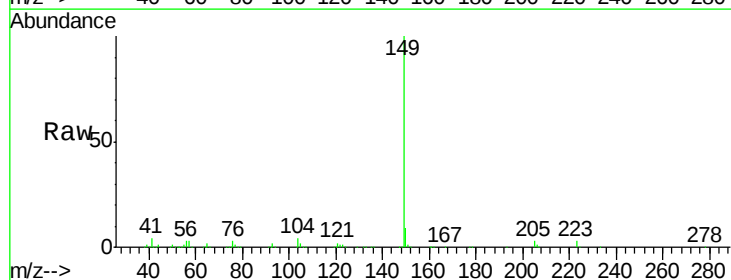


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

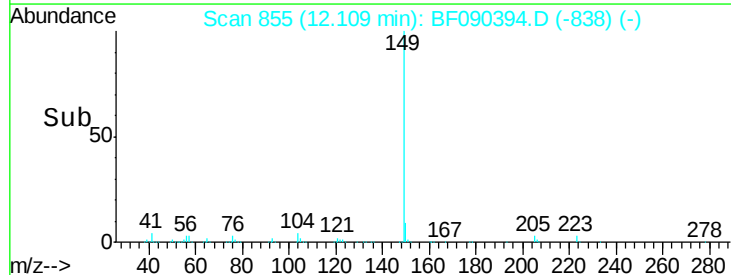
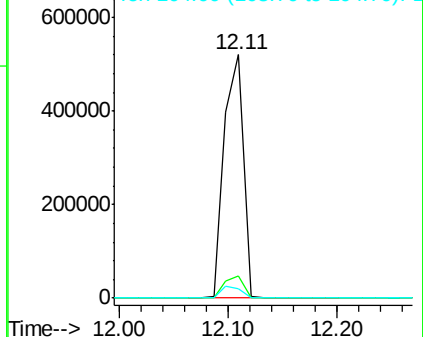


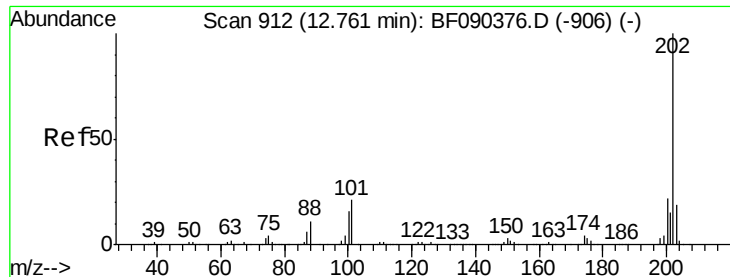
#73
 Di-n-butylphthalate
 Concen: 14.30 ng
 RT: 12.11 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: BF090394.D
 Acq: 5 Oct 2016 21:56

Tgt Ion:149 Resp: 635118
 Ion Ratio Lower Upper
 149 100
 150 8.9 8.6 12.8
 104 3.9 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: 38.78 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090394.D

Acq: 5 Oct 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

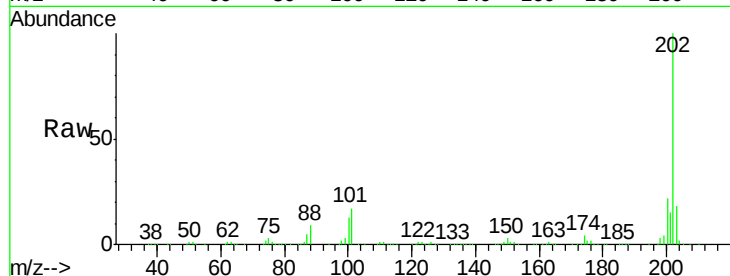
Tgt Ion:202 Resp: 1462983

Ion Ratio Lower Upper

202 100

101 17.3 0.0 37.2

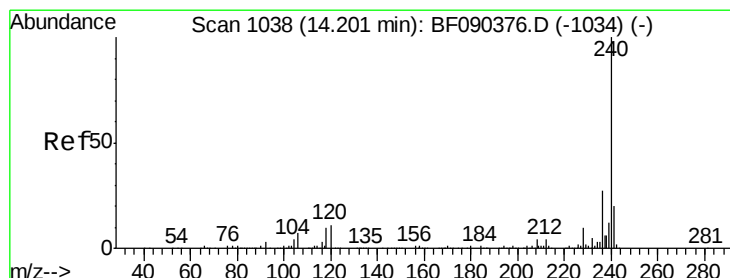
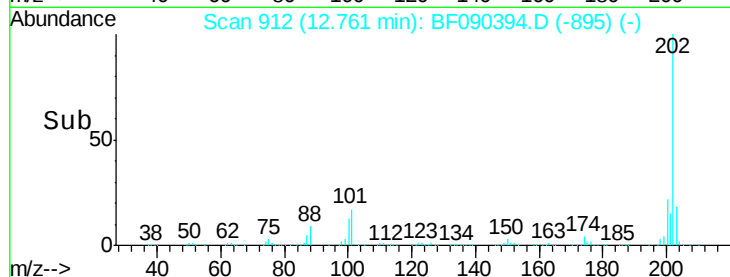
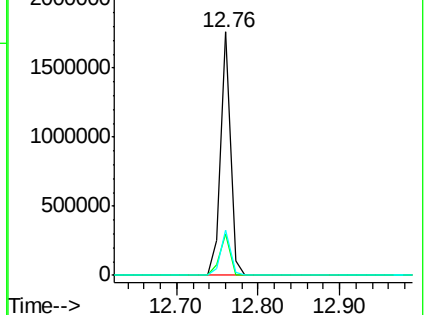
203 18.5 0.0 39.3



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: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090394.D

Acq: 5 Oct 2016 21:56

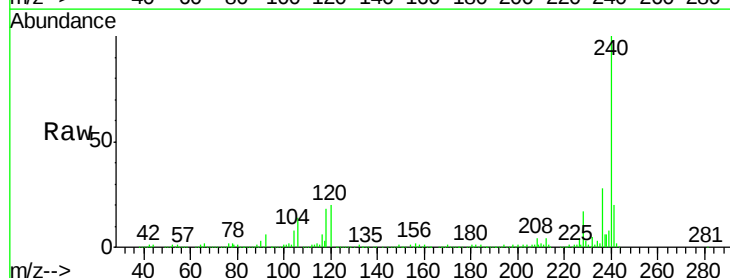
Tgt Ion:240 Resp: 605477

Ion Ratio Lower Upper

240 100

120 19.6 8.6 13.0#

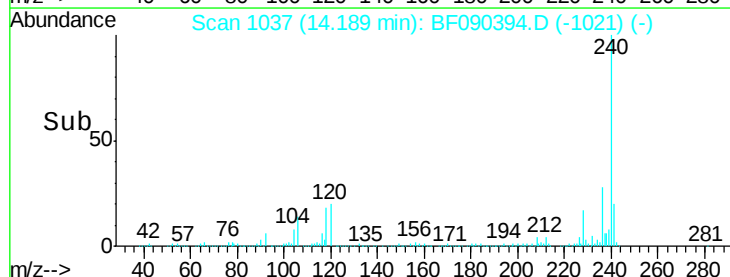
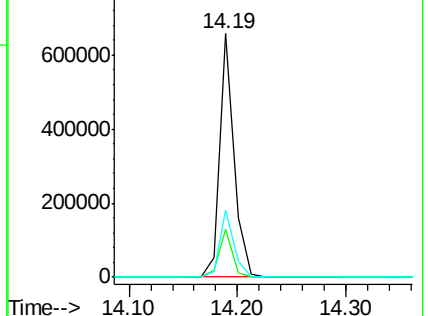
236 27.5 21.6 32.4

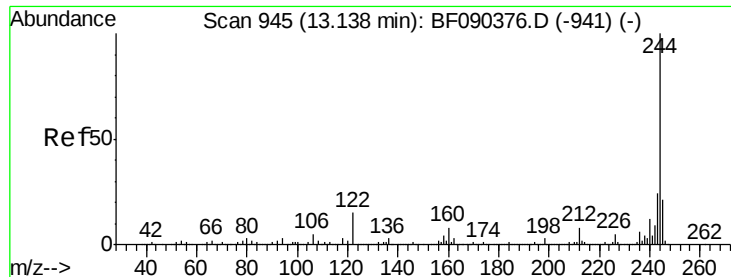


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

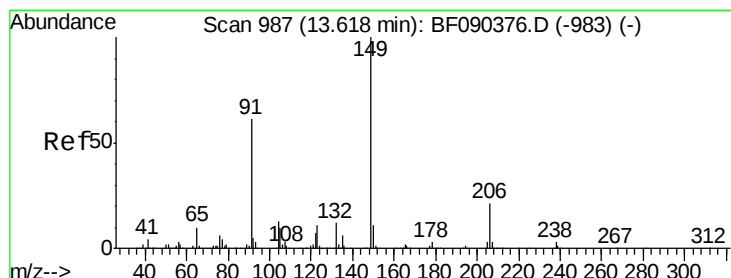
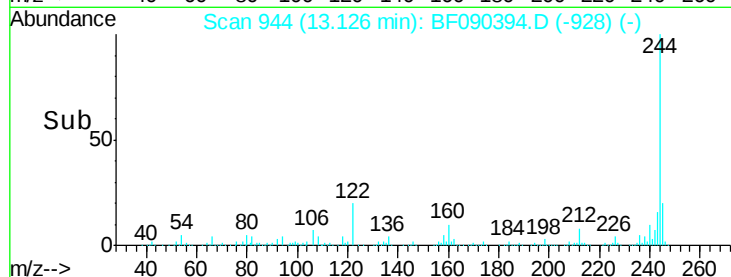
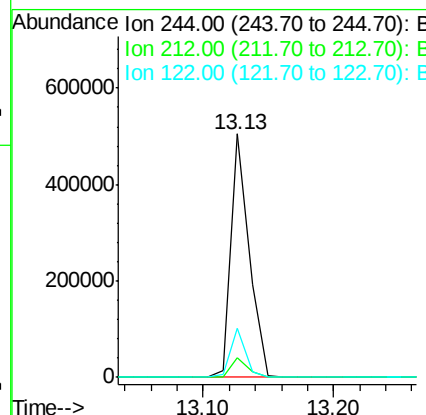
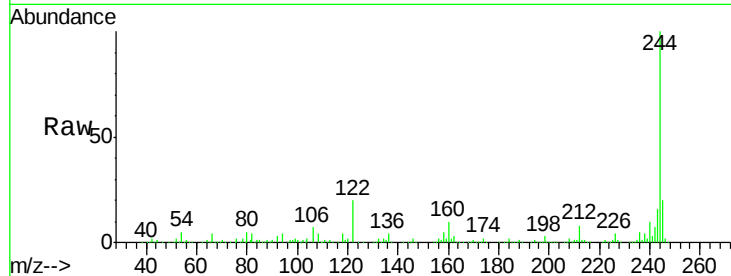




#78
 Terphenyl-d14
 Concen: 18.18 ng
 RT: 13.13 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF090394.D
 Acq: 5 Oct 2016 21:56

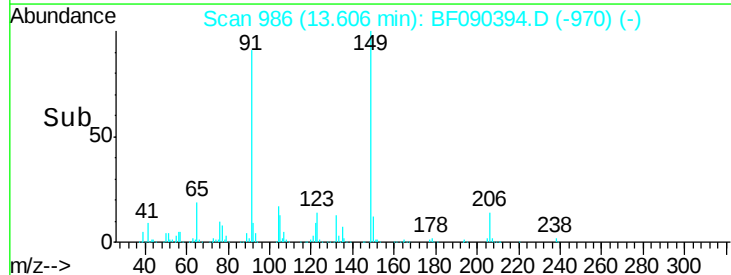
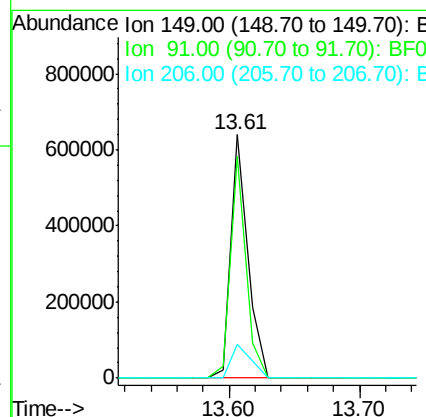
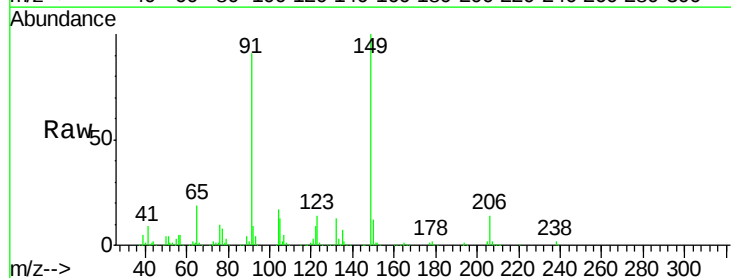
Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

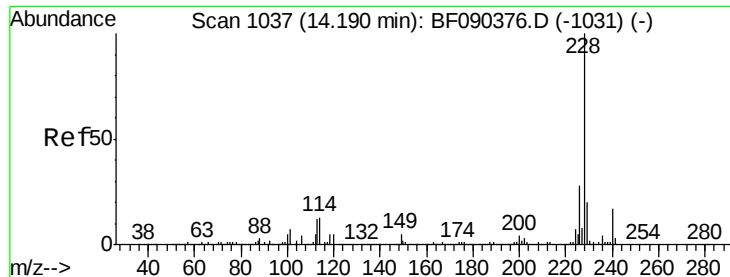
Tgt Ion:244 Resp: 489685
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.8 10.2
 122 20.1 13.3 19.9#



#79
 Butylbenzylphthalate
 Concen: 28.12 ng
 RT: 13.61 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF090394.D
 Acq: 5 Oct 2016 21:56

Tgt Ion:149 Resp: 582610
 Ion Ratio Lower Upper
 149 100
 91 90.9 51.8 77.8#
 206 13.7 18.0 27.0#





#80

Benzo(a)anthracene

Concen: 9.60 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF090394.D

Acq: 5 Oct 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

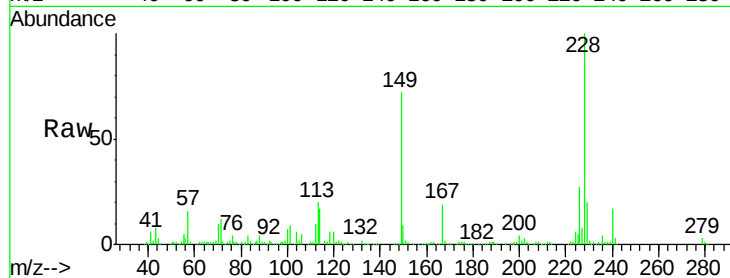
Tgt Ion:228 Resp: 326220

Ion Ratio Lower Upper

228 100

226 27.1 23.6 35.4

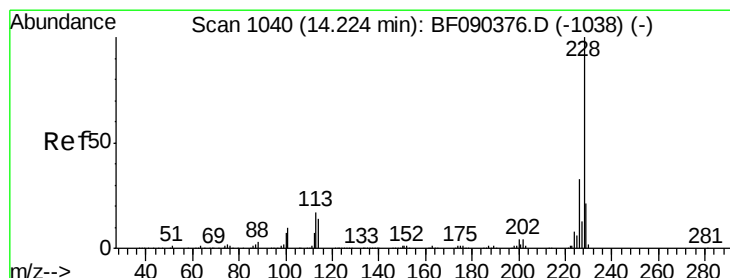
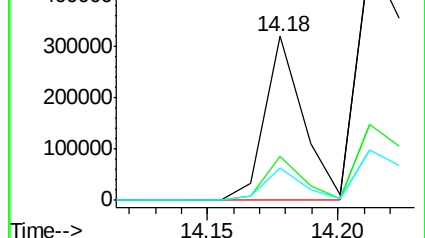
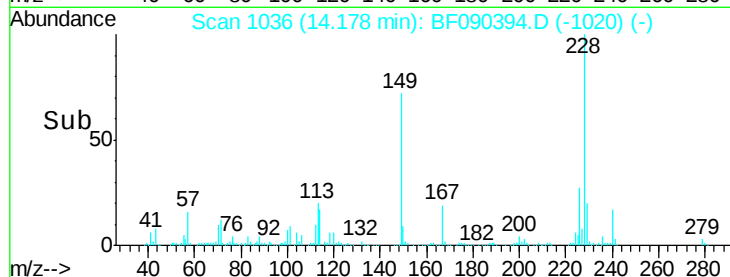
229 20.0 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 18.58 ng

RT: 14.21 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF090394.D

Acq: 5 Oct 2016 21:56

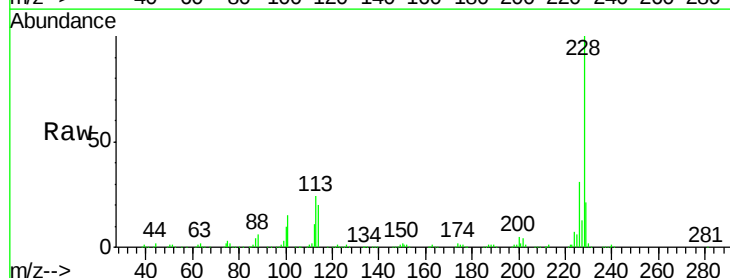
Tgt Ion:228 Resp: 580782

Ion Ratio Lower Upper

228 100

226 31.1 25.8 38.6

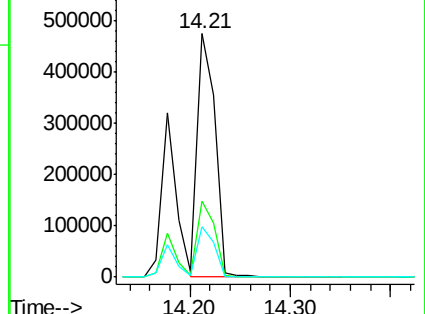
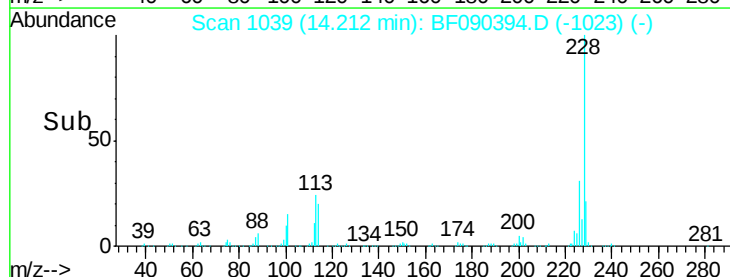
229 20.5 16.9 25.3

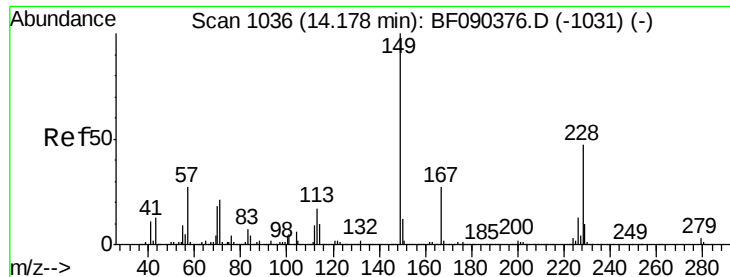


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

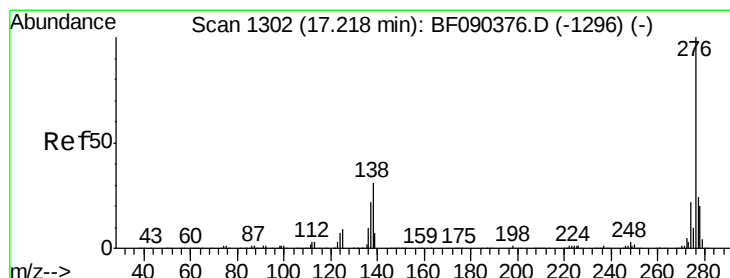
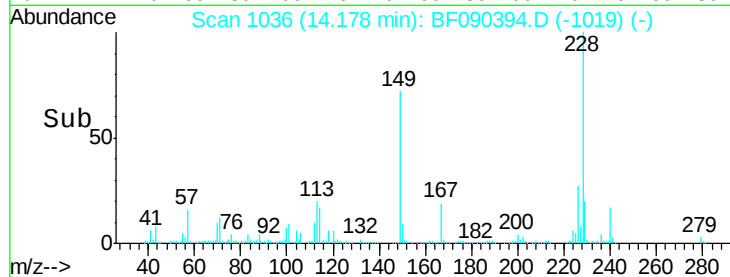
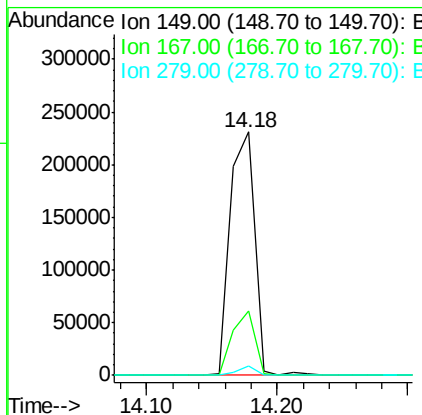
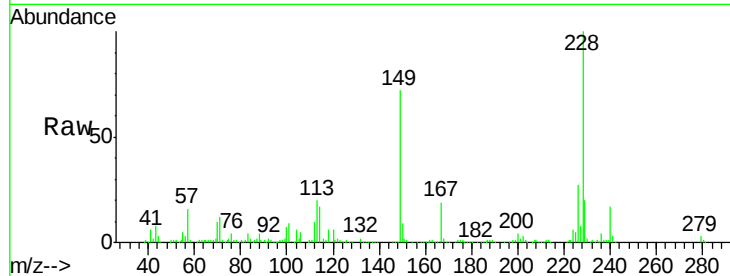




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 10.24 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090394.D
 Acq: 5 Oct 2016 21:56

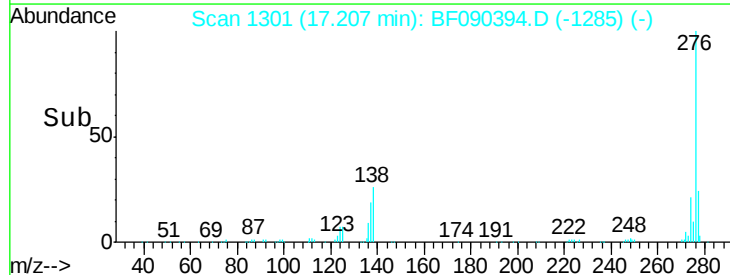
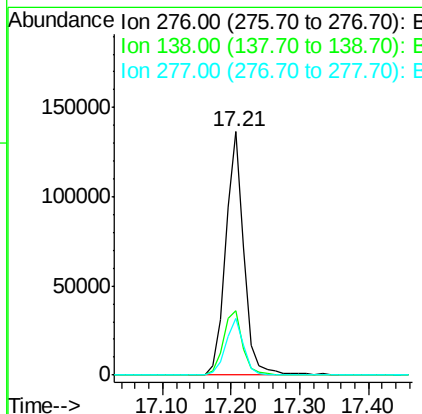
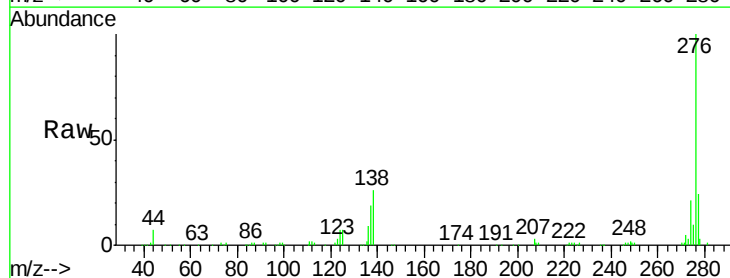
Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

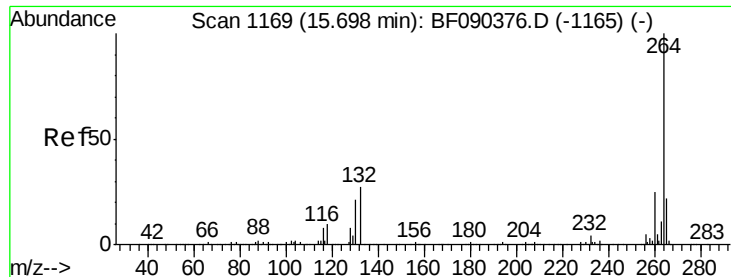
Tgt Ion: 149 Resp: 301401
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.5 32.3
 279 3.9 2.6 3.8#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 11.49 ng
 RT: 17.21 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF090394.D
 Acq: 5 Oct 2016 21:56

Tgt Ion: 276 Resp: 256224
 Ion Ratio Lower Upper
 276 100
 138 28.0 23.8 35.8
 277 22.8 20.4 30.6



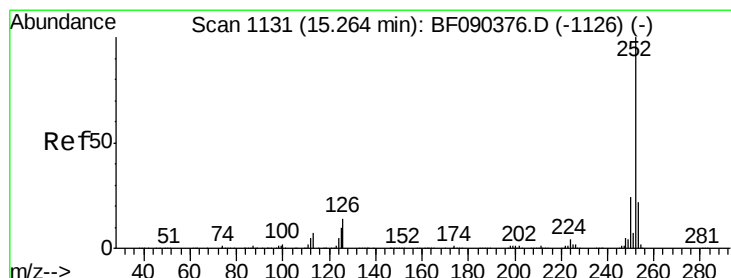
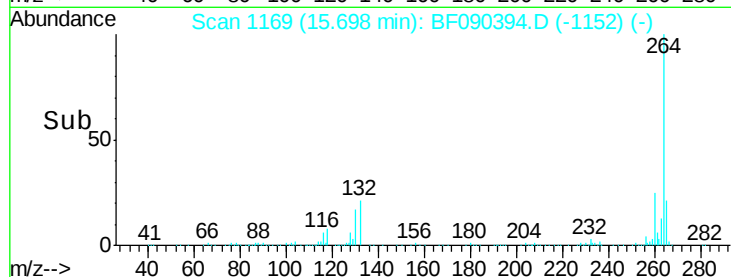
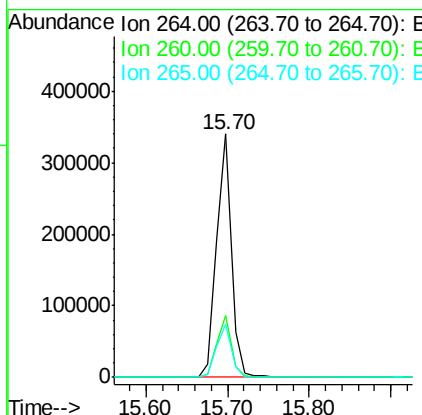
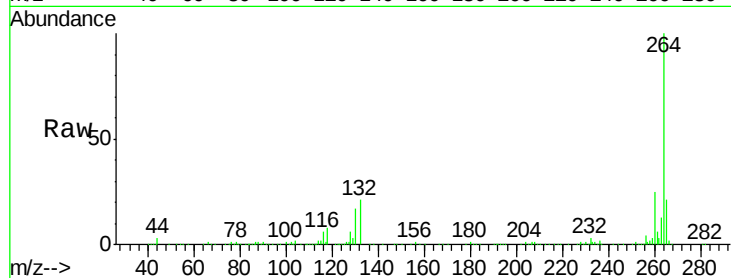


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090394.D
Acq: 5 Oct 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 264 Resp: 431604

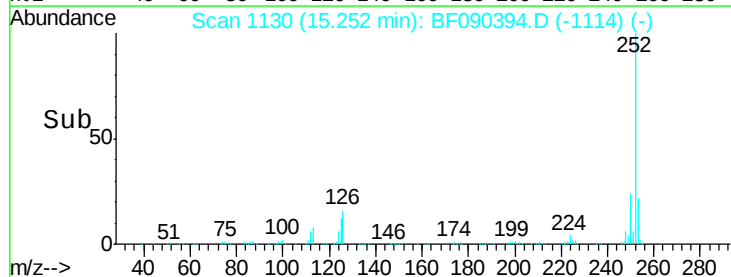
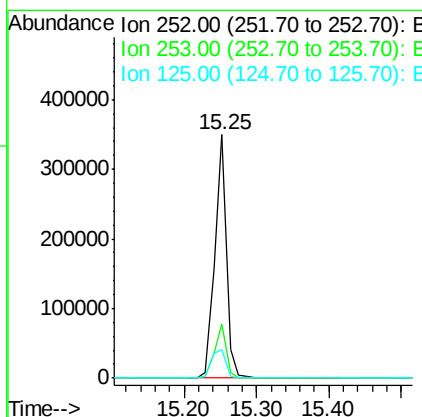
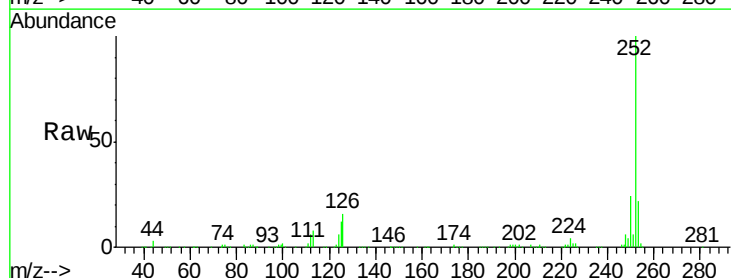
Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.3	28.9
265	21.5	17.4	26.0

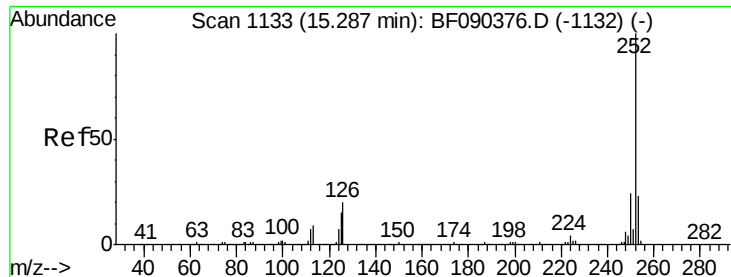


#87
Benzo(b)fluoranthene
Concen: 14.25 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF090394.D
Acq: 5 Oct 2016 21:56

Tgt Ion: 252 Resp: 391806

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	11.9	7.0	10.4

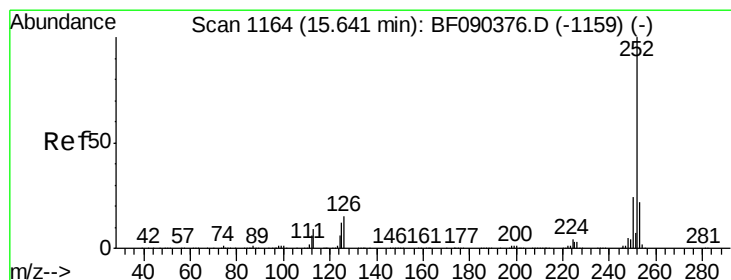
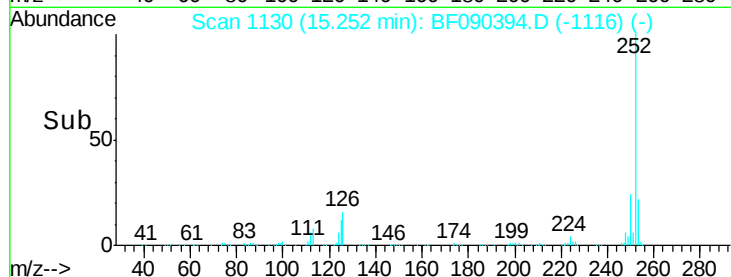
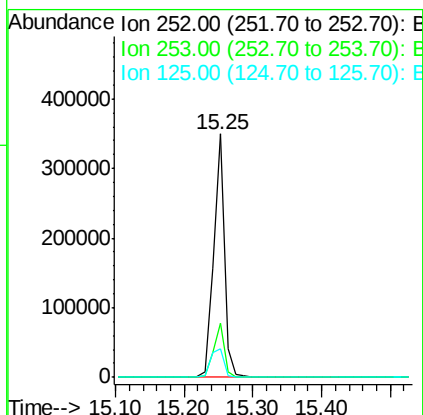
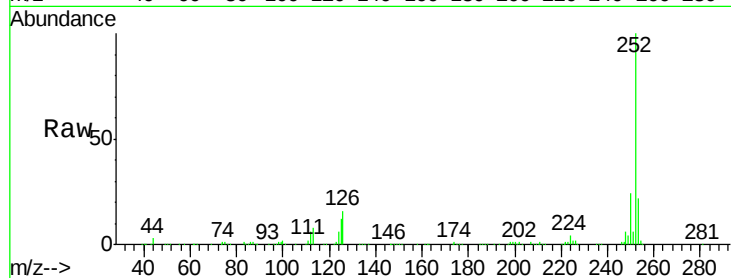




#88
Benzo(k)fluoranthene
Concen: 15.17 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF090394.D
Acq: 5 Oct 2016 21:56

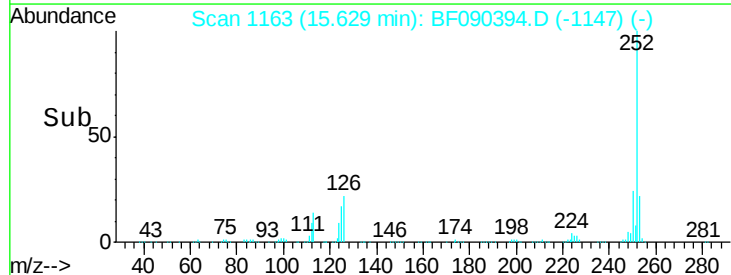
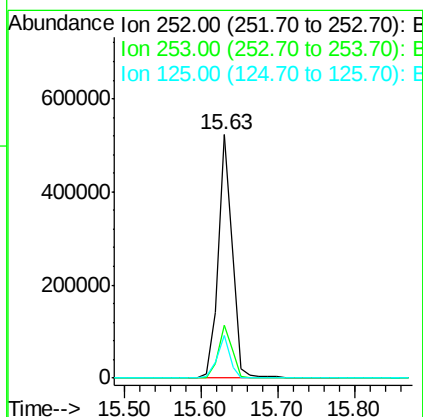
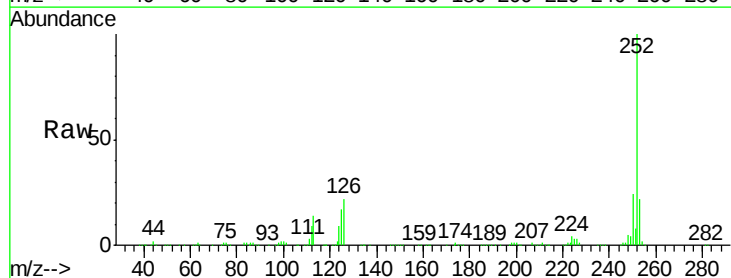
Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

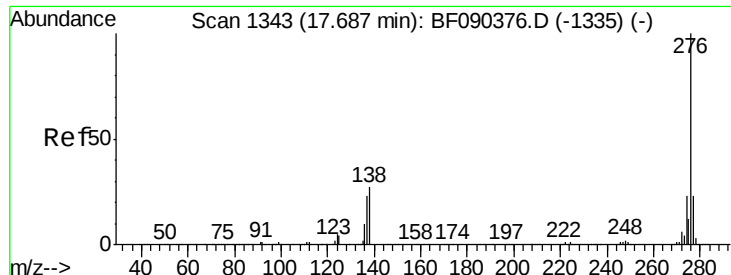
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	27.8
125	11.9	11.7	17.5



#89
Benzo(a)pyrene
Concen: 28.16 ng
RT: 15.63 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF090394.D
Acq: 5 Oct 2016 21:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	17.3	9.8	14.8#





#91

Benzo(g,h,i)perylene

Concen: 22.94 ng

RT: 17.66 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BF090394.D

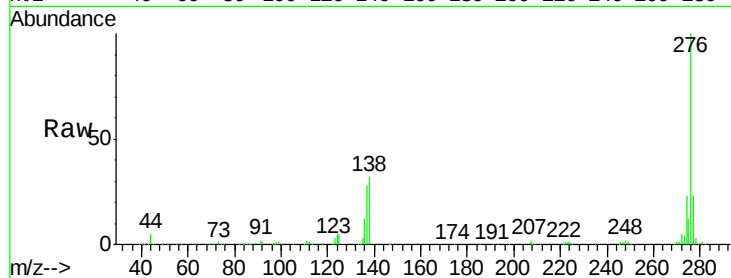
Acq: 5 Oct 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL



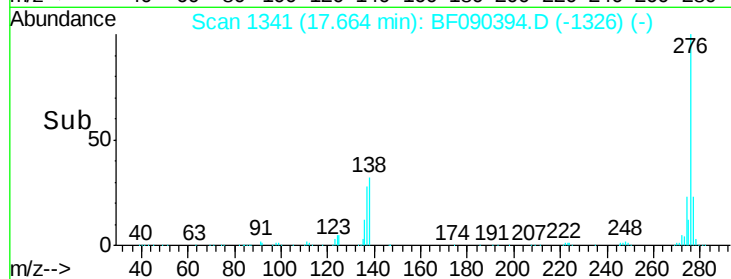
Tgt Ion: 276 Resp: 443763

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.0

138 31.7 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

