

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085718.D
 Acq On : 24 Mar 2016 16:56
 Operator : UM/SJ
 Sample : H1739-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

Quant Time: Mar 24 23:51:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	107667	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	408830	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	203732	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	385839	20.00	ng	0.00
75) Chrysene-d12	13.98	240	257294	20.00	ng	0.00
86) Perylene-d12	15.40	264	190543	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	796140	123.15	ng	0.01
7) Phenol-d6	6.46	99	1171417	142.51	ng	0.00
23) Nitrobenzene-d5	7.40	82	724153	99.75	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	277319	143.27	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1187644	97.40	ng	0.00
78) Terphenyl-d14	12.93	244	1125639	89.97	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.12	42	408277	137.80	ng	97
6) Aniline	6.56	93	675197	61.03	ng	# 54
9) Benzaldehyde	6.60	77	21222	4.29	ng	89
10) Phenol	6.56	94	25266	2.71	ng	# 1
11) bis(2-Chloroethyl)ether	6.56	93	675197	94.22	ng	97
12) 1,3-Dichlorobenzene	6.77	146	906519	112.07	ng	# 93
13) 1,4-Dichlorobenzene	6.77	146	906519	110.51	ng	99
14) 1,2-Dichlorobenzene	6.77	146	906599	118.59	ng	98
15) Benzyl Alcohol	6.98	79	11058	2.02	ng	# 41
18) Hexachloroethane	7.34	117	306221	101.95	ng	99
24) Nitrobenzene	7.41	77	568106	75.91	ng	98
25) Isophorone	7.66	82	1897296	135.66	ng	# 91
26) 2-Nitrophenol	7.66	139	36112	9.65	ng	# 62
28) bis(2-Chloroethoxy)methane	7.66	93	20019	2.51	ng	# 1
30) 1,2,4-Trichlorobenzene	8.05	180	277666	45.46	ng	99
31) Naphthalene	8.13	128	522877	25.38	ng	99
33) 4-Chloroaniline	8.13	127	69232	8.23	ng	# 34
37) 2-Methylnaphthalene	8.82	142	810347	84.22	ng	98
46) 2-Chloronaphthalene	9.32	162	1496529	118.39	ng	94
48) Acenaphthylene	9.90	152	614445	29.83	ng	# 1
49) Dimethylphthalate	9.60	163	2266383	146.63	ng	99
50) 2,6-Dinitrotoluene	9.67	165	492451	148.01	ng	# 72
51) Acenaphthene	9.90	154	1093181	86.89	ng	98
56) 2,4-Dinitrotoluene	10.06	165	251820	59.55	ng	# 70
57) Fluorene	10.42	166	1277124	94.35	ng	99
59) Diethylphthalate	10.29	149	1305414	85.48	ng	98
60) 4-Chlorophenyl-phenylether	10.41	204	666463	100.70	ng	88
61) 4-Nitroaniline	10.41	138	17679	4.85	ng	# 43
62) Azobenzene	10.41	77	254554	17.35	ng	# 48
65) n-Nitrosodiphenylamine	10.41	169	78275	6.41	ng	# 43
66) 4-Bromophenyl-phenylether	10.89	248	95468	24.19	ng	97
67) Hexachlorobenzene	10.96	284	240060	58.15	ng	95
70) Phenanthrene	11.38	178	2842539	143.48	ng	98
71) Anthracene	11.42	178	761811	36.63	ng	99

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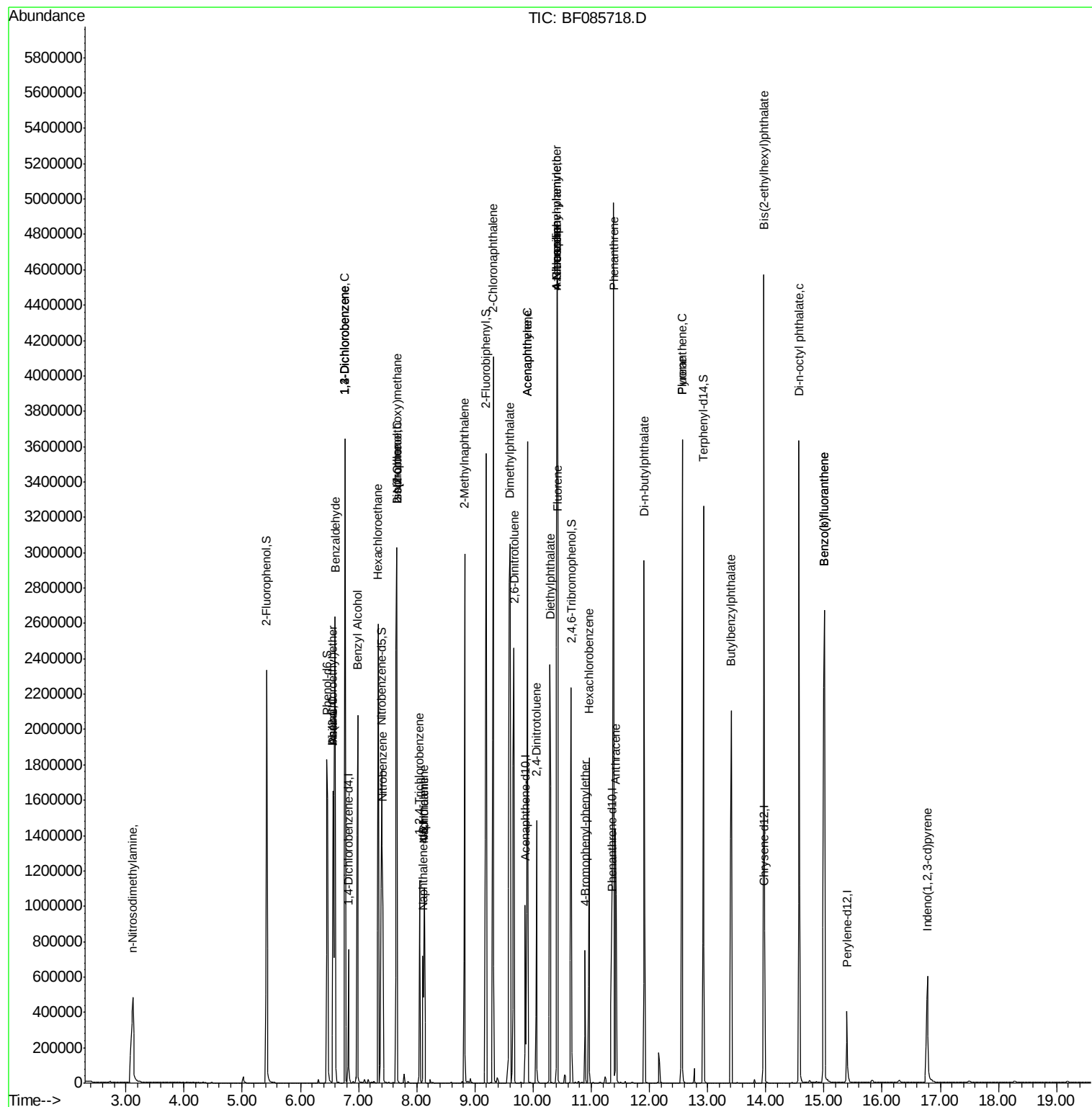
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Di-n-butylphthalate	11.91	149	1821961	76.04	ng	99
74) Fluoranthene	12.56	202	1655865	78.63	ng	94
77) Pyrene	12.56	202	1655865	78.29	ng	99
79) Butylbenzylphthalate	13.41	149	645586	72.89	ng	97
83) Bis(2-ethylhexyl)phthalate	13.97	149	1493060	140.79	ng	# 94
84) Di-n-octyl phthalate	14.57	149	2136738	135.50	ng	98
85) Indeno(1,2,3-cd)pyrene	16.78	276	461582	40.45	ng	# 91
87) Benzo(b)fluoranthene	15.01	252	1655933	137.95	ng	# 95
88) Benzo(k)fluoranthene	15.01	252	1656945	153.12	ng	99

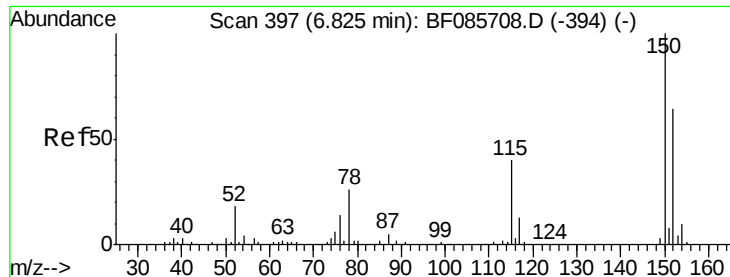
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

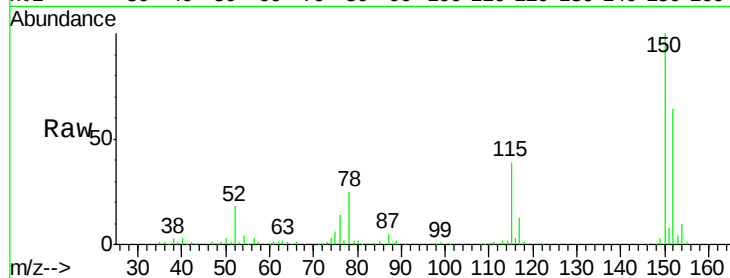
Tgt Ion:152 Resp: 107667

Ion Ratio Lower Upper

152 100

150 157.0 124.2 186.2

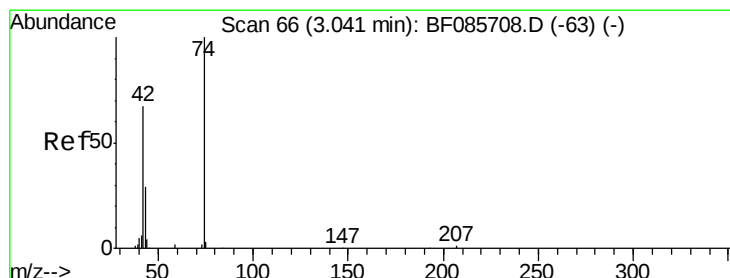
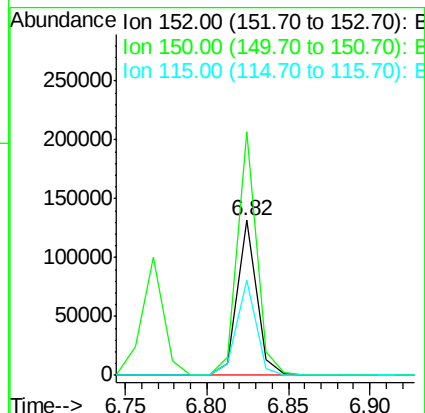
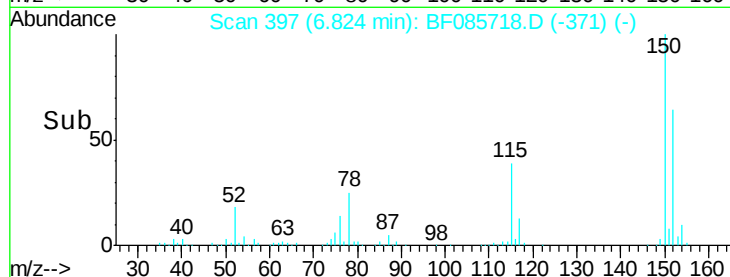
115 61.7 47.0 70.6



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



#4

n-Nitrosodimethylamine

Concen: 137.80 ng

RT: 3.12 min Scan# 73

Delta R.T. 0.08 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

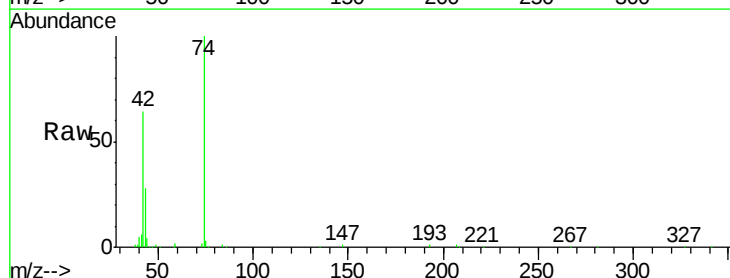
Tgt Ion: 42 Resp: 408277

Ion Ratio Lower Upper

42 100

74 156.1 121.4 182.2

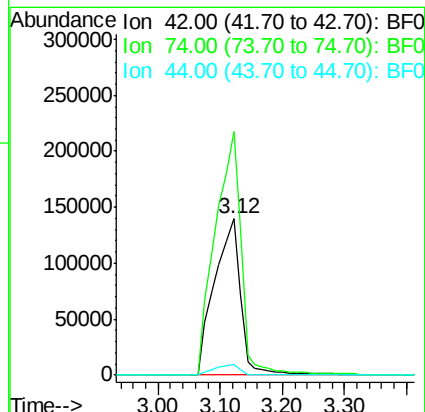
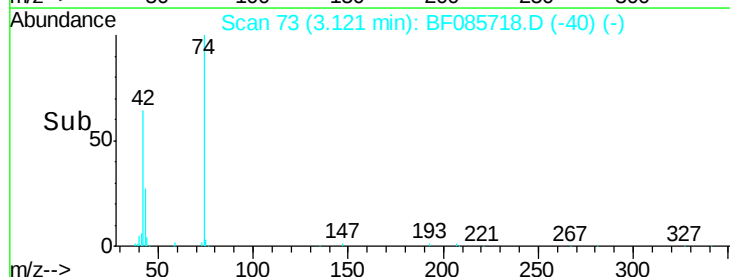
44 6.9 5.6 8.4

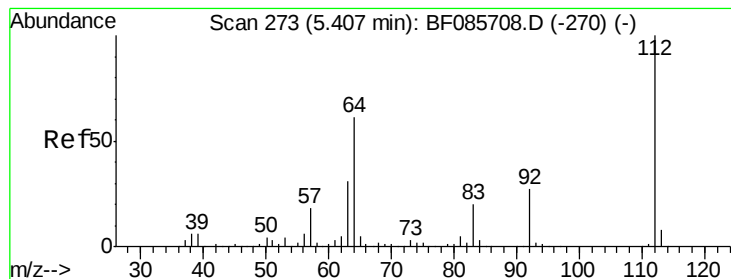


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 123.15 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

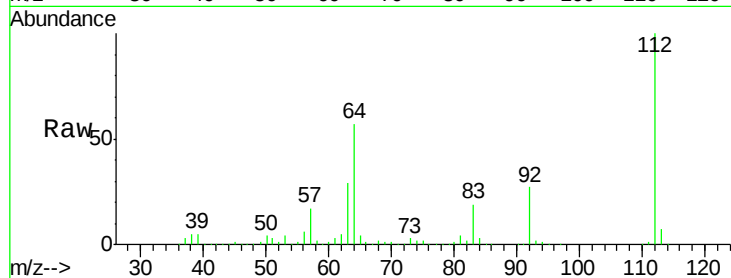
Tgt Ion: 112 Resp: 796140

Ion Ratio Lower Upper

112 100

64 56.9 39.9 59.9

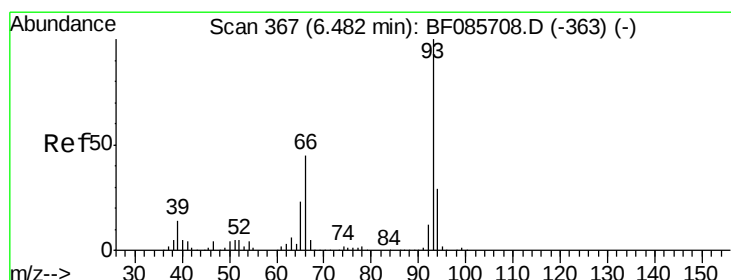
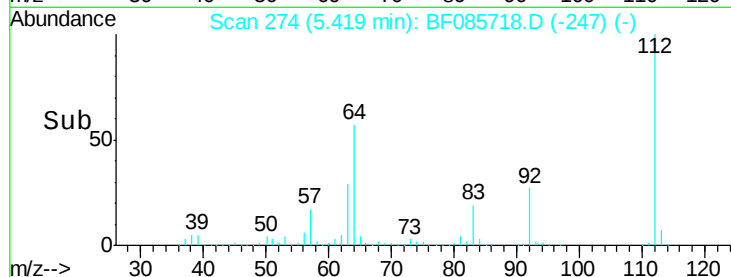
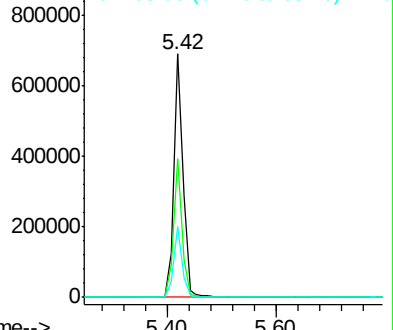
63 29.2 20.2 30.2



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: 61.03 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.08 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

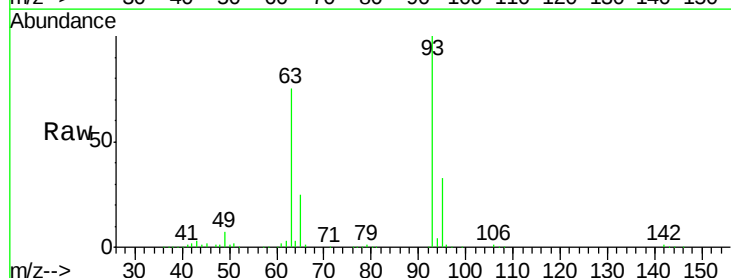
Tgt Ion: 93 Resp: 675197

Ion Ratio Lower Upper

93 100

66 0.6 31.4 47.2#

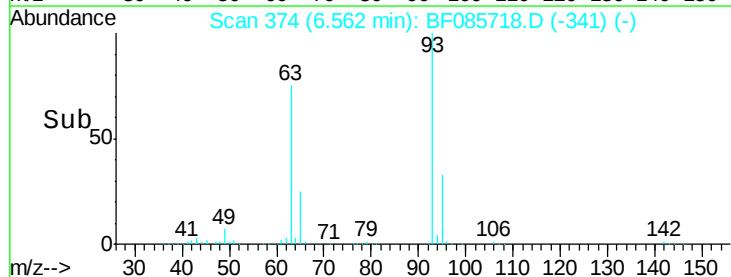
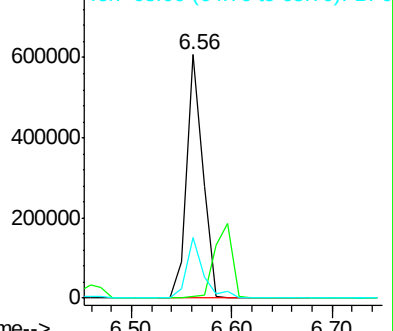
65 24.6 15.7 23.5#

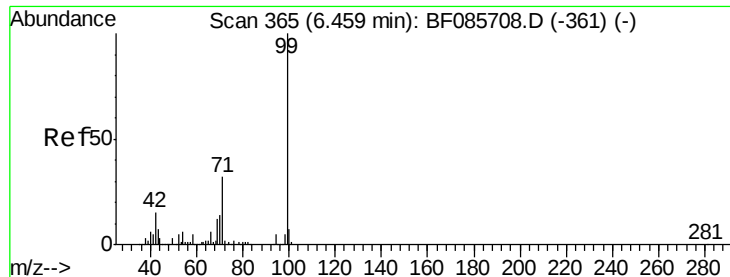


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.51 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

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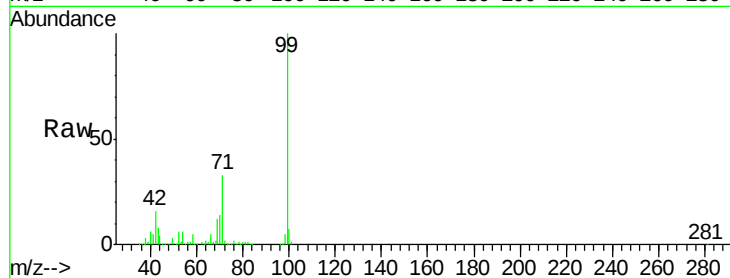
Tgt Ion: 99 Resp: 1171417

Ion Ratio Lower Upper

99 100

42 15.9 11.1 16.7

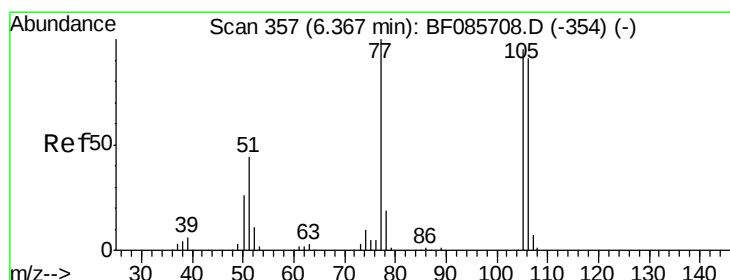
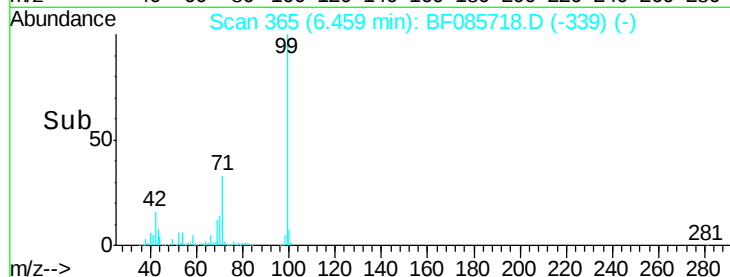
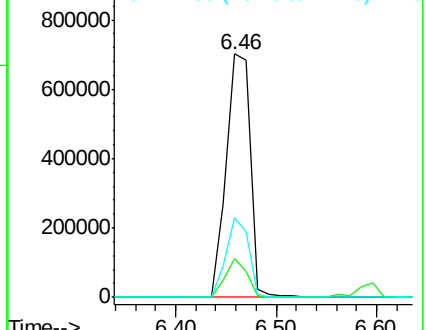
71 32.5 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 4.29 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.23 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

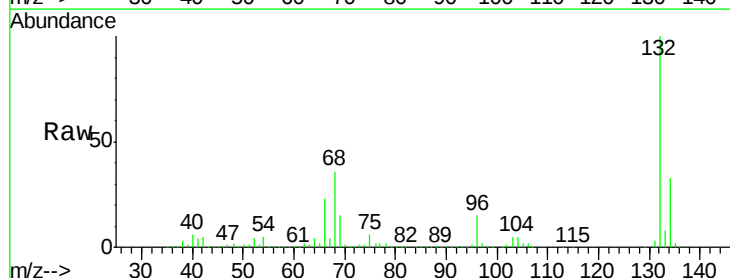
Tgt Ion: 77 Resp: 21222

Ion Ratio Lower Upper

77 100

105 89.6 80.1 120.1

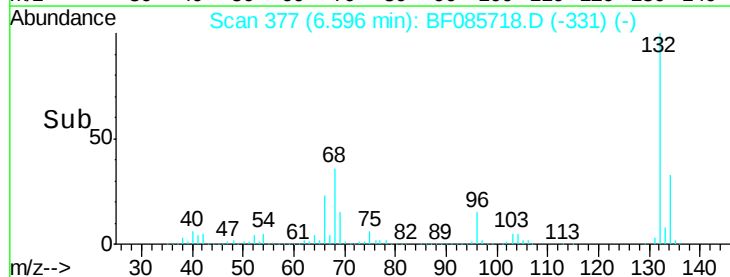
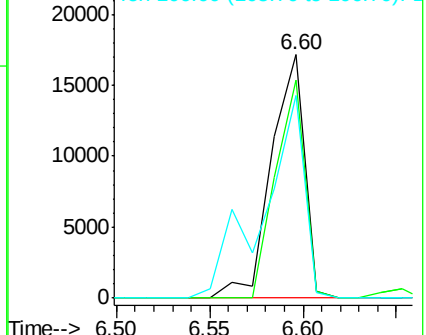
106 83.3 75.0 115.0

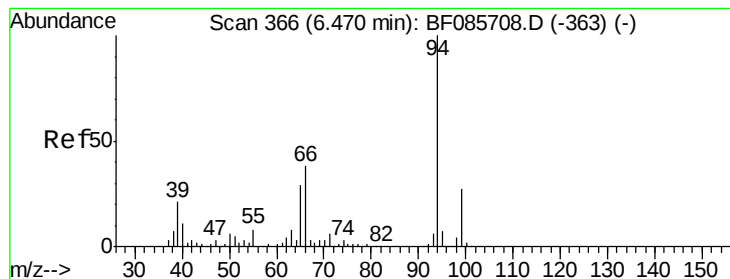


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.71 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.09 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

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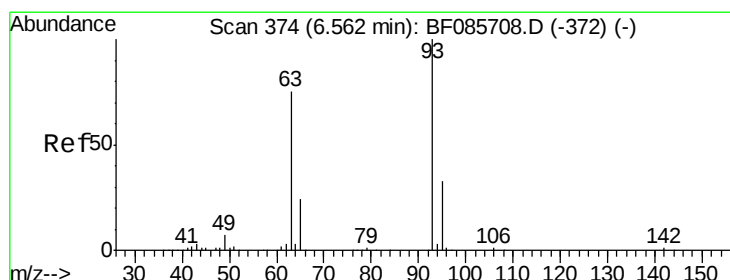
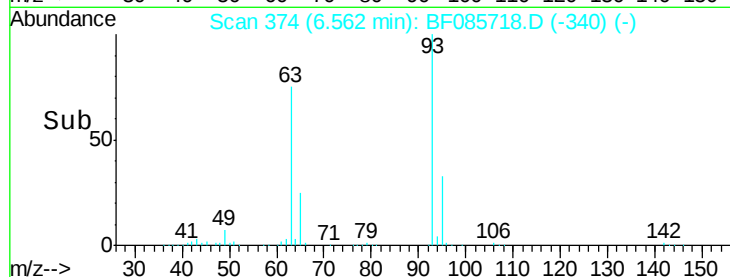
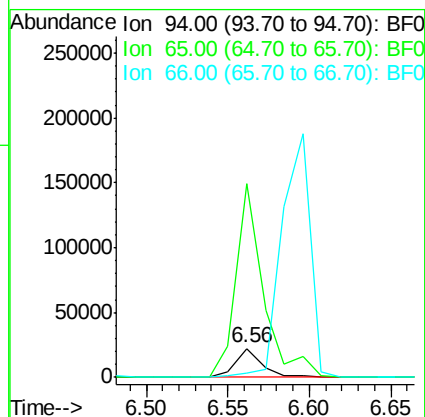
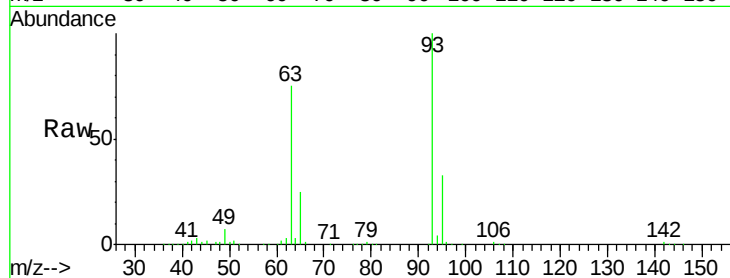
Tgt Ion: 94 Resp: 25266

Ion Ratio Lower Upper

94 100

65 667.9 8.6 48.6#

66 16.0 20.0 60.0#



#11

bis(2-Chloroethyl)ether

Concen: 94.22 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

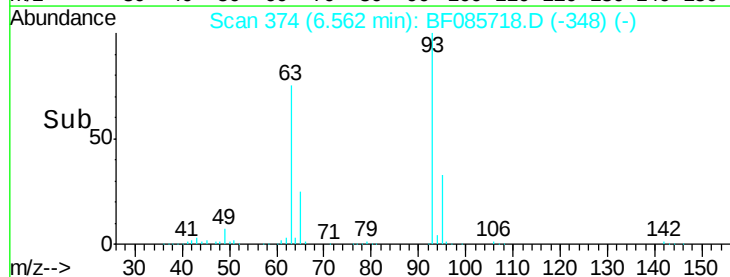
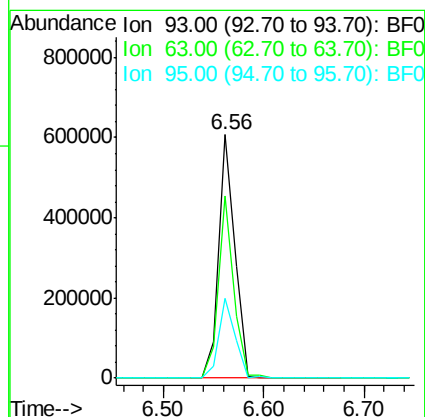
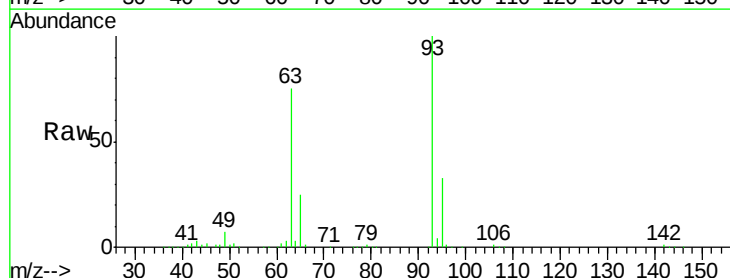
Tgt Ion: 93 Resp: 675197

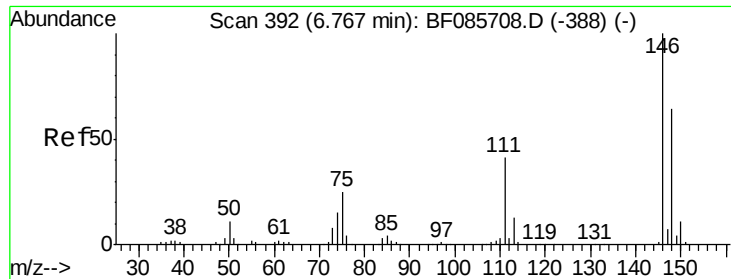
Ion Ratio Lower Upper

93 100

63 74.6 50.9 90.9

95 33.0 13.3 53.3

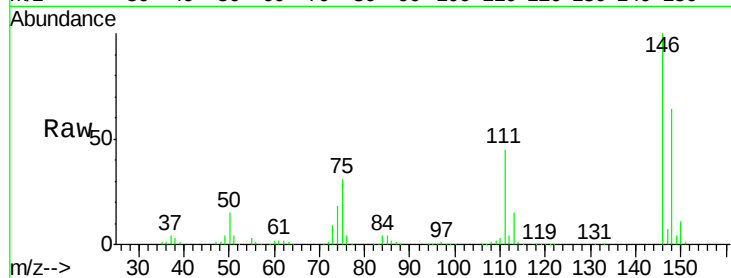




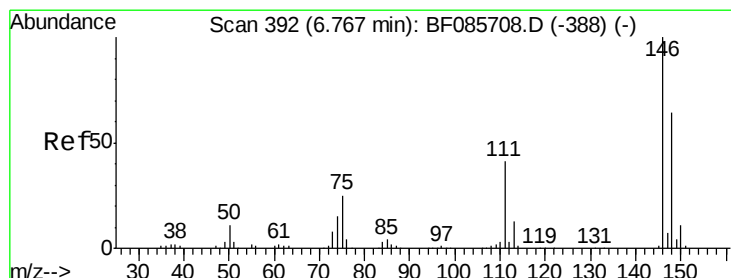
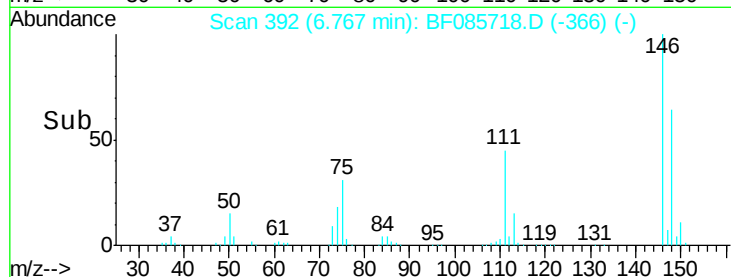
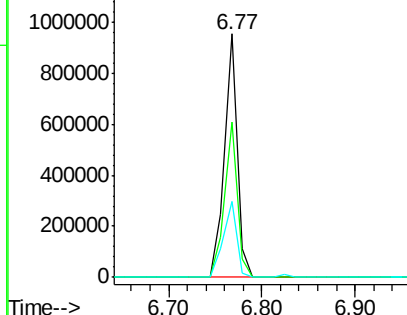
#12
 1,3-Dichlorobenzene
 Concen: 112.07 ng
 RT: 6.77 min Scan# 392
 Delta R.T. -0.00 min
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Tgt Ion:146 Resp: 906519
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.3 78.5
 75 31.1 17.4 26.2#

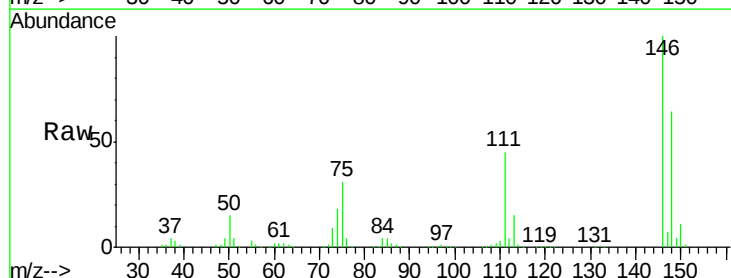


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

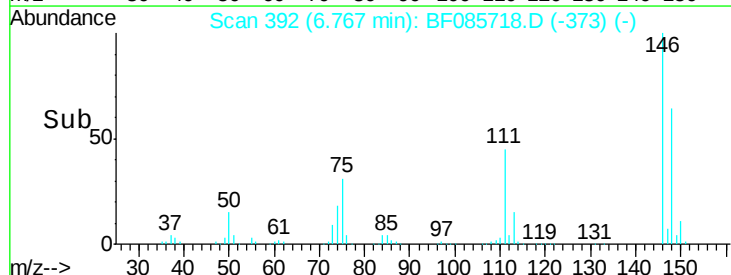
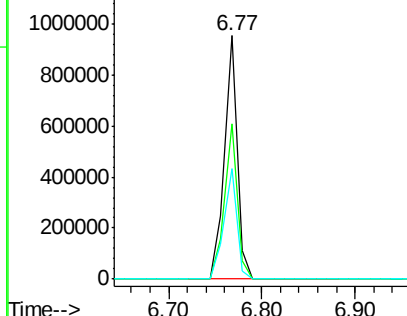


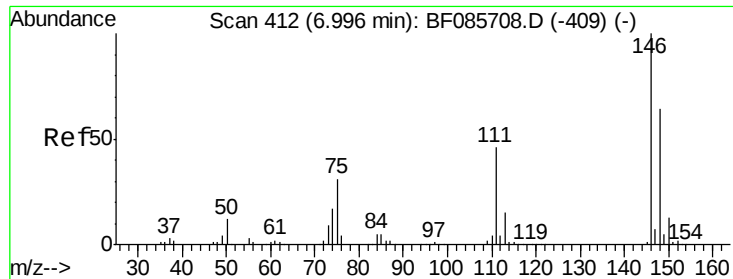
#13
 1,4-Dichlorobenzene
 Concen: 110.51 ng
 RT: 6.77 min Scan# 392
 Delta R.T. -0.08 min
 Lab File: BF085718.D
 Acq: 24 Mar 2016 16:56

Tgt Ion:146 Resp: 906519
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 76.0
 111 45.4 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: 118.59 ng

RT: 6.77 min Scan# 392

Delta R.T. -0.23 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

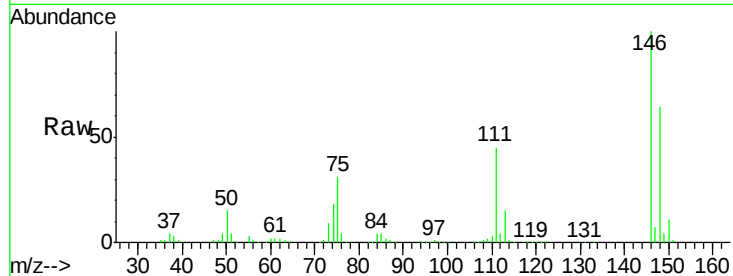
Tgt Ion:146 Resp: 906599

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.2

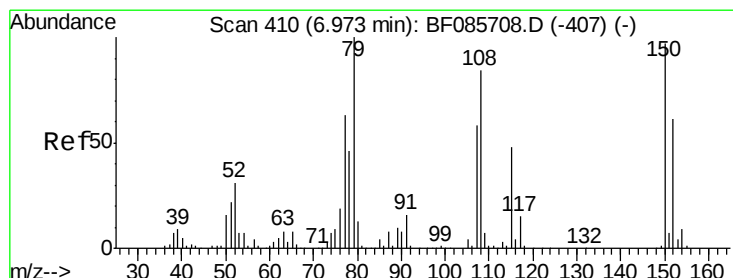
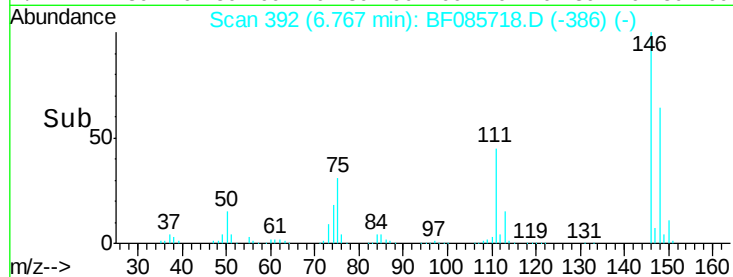
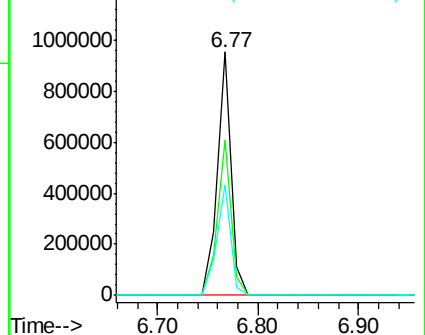
111 45.4 34.6 52.0



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: 2.02 ng

RT: 6.98 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

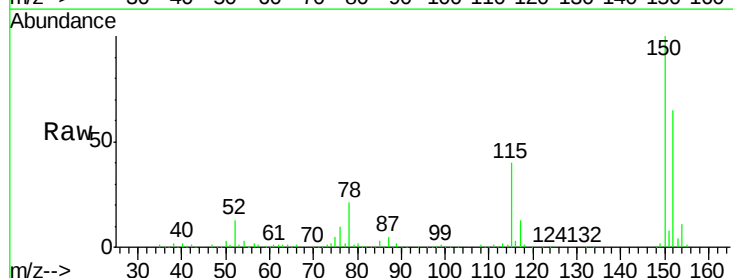
Tgt Ion: 79 Resp: 11058

Ion Ratio Lower Upper

79 100

108 40.1 61.8 92.6#

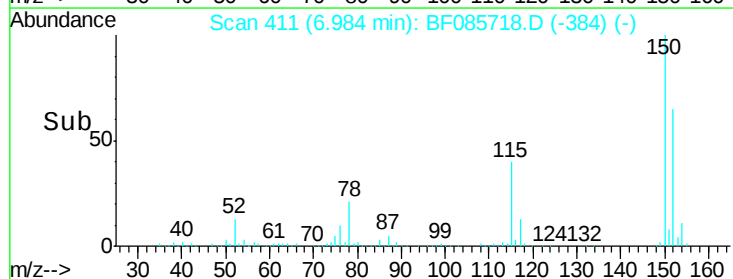
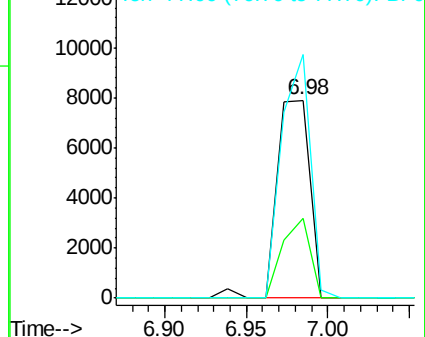
77 122.9 49.6 74.4#

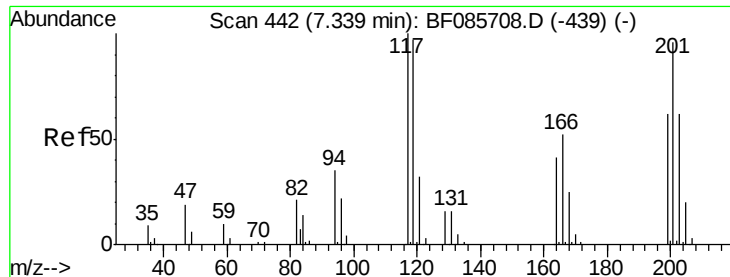


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

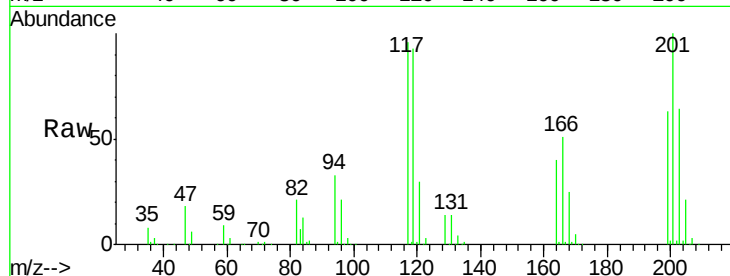




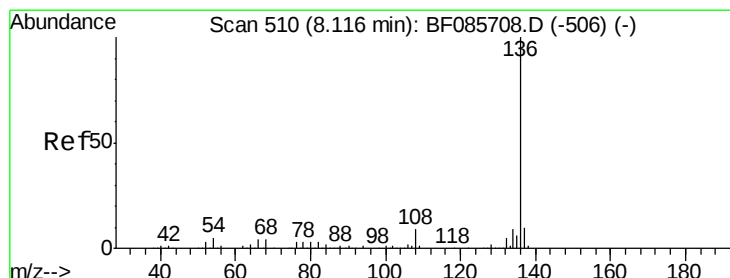
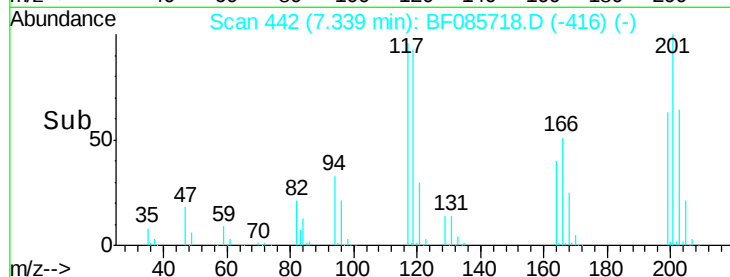
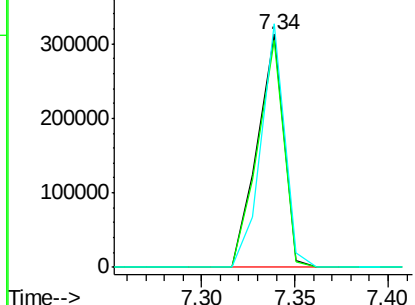
#18
Hexachloroethane
Concen: 101.95 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF085718.D
Acq: 24 Mar 2016 16:56

Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

Tgt Ion:117 Resp: 306221
Ion Ratio Lower Upper
117 100
119 97.1 76.7 115.1
201 104.4 83.3 124.9

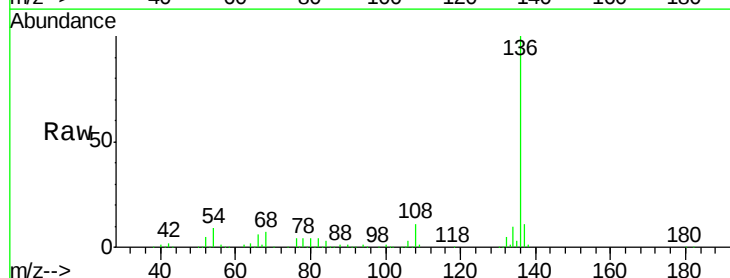


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

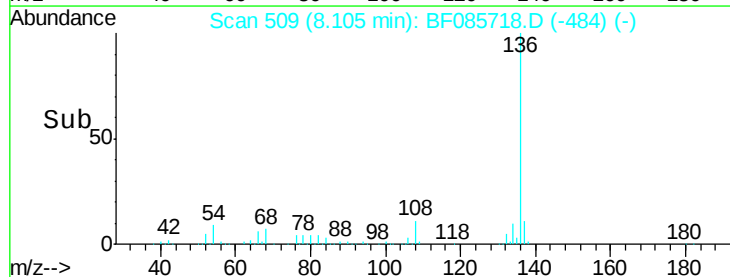
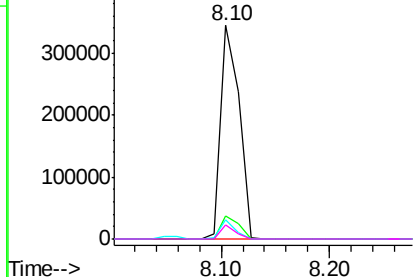


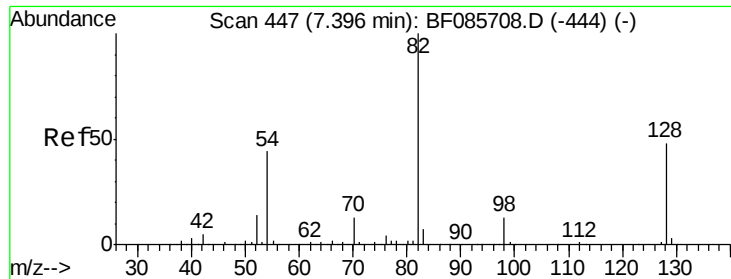
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085718.D
Acq: 24 Mar 2016 16:56

Tgt Ion:136 Resp: 408830
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.8 7.4 11.0
68 6.6 5.8 8.8



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

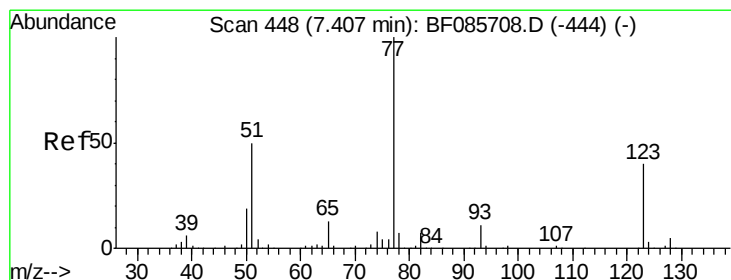
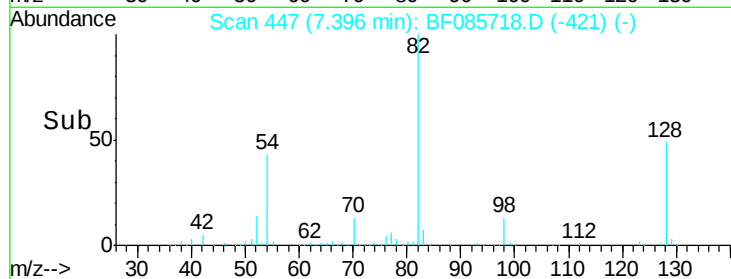
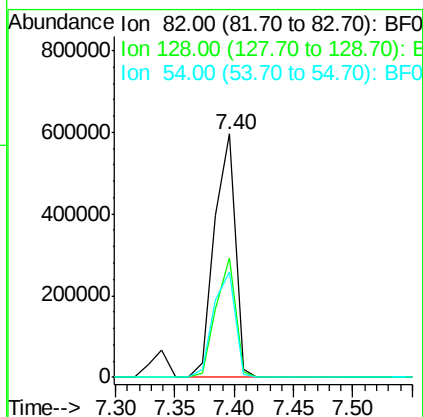
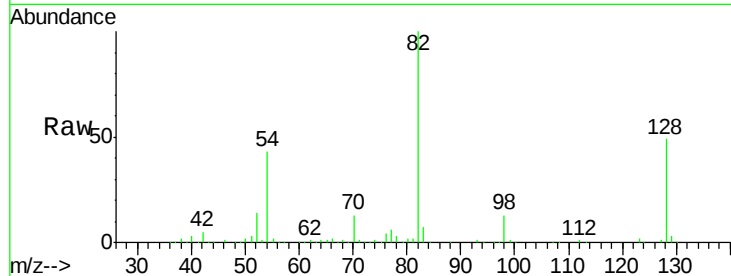




#23
 Nitrobenzene-d5
 Concen: 99.75 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085718.D
 Acq: 24 Mar 2016 16:56

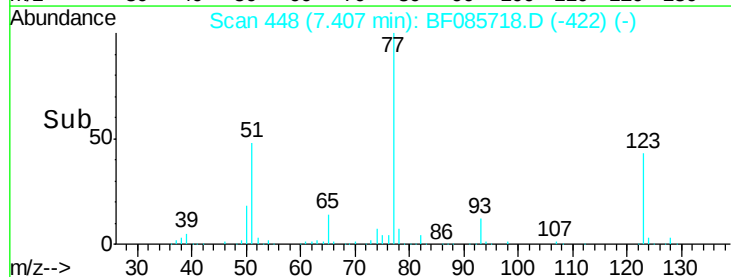
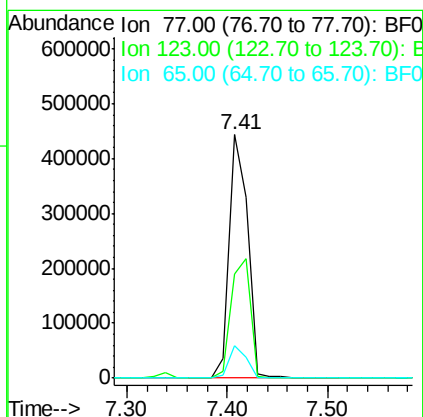
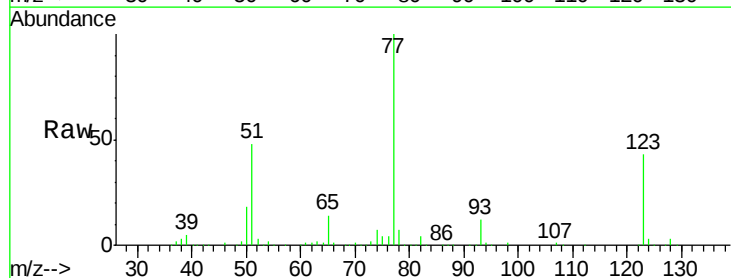
Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

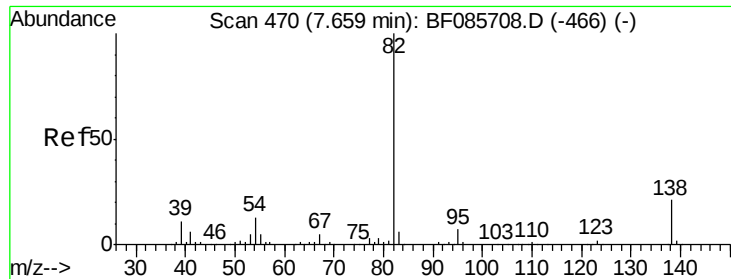
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.3	41.8	62.8
54	43.2	33.4	50.0



#24
 Nitrobenzene
 Concen: 75.91 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF085718.D
 Acq: 24 Mar 2016 16:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	35.0	52.4
65	13.5	10.6	16.0





#25

Isophorone

Concen: 135.66 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

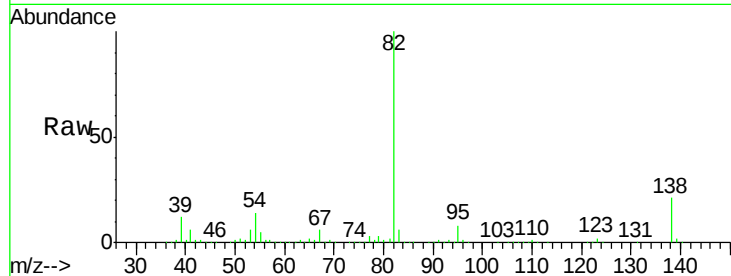
Tgt Ion: 82 Resp: 1897296

Ion Ratio Lower Upper

82 100

95 8.0 5.4 8.2

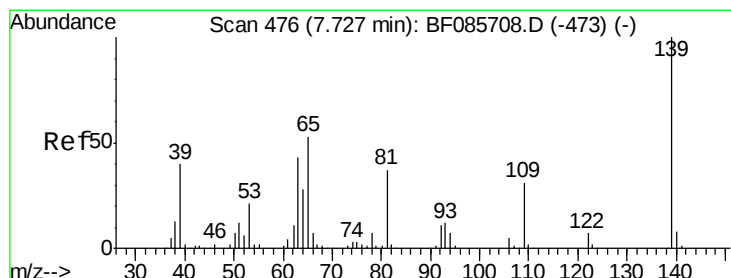
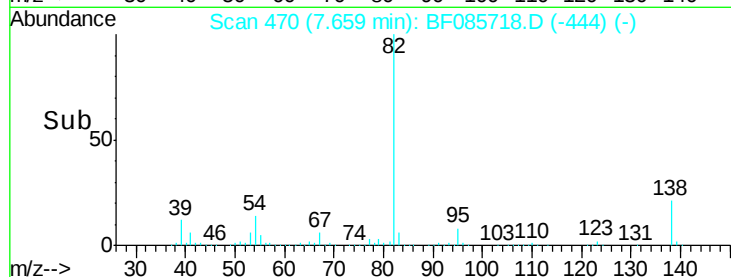
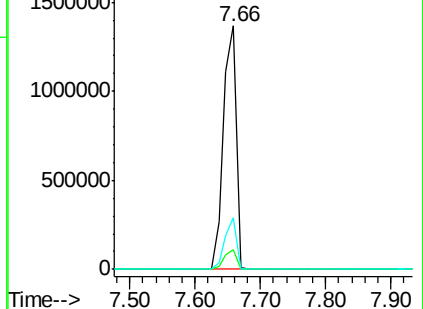
138 21.1 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 9.65 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.07 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

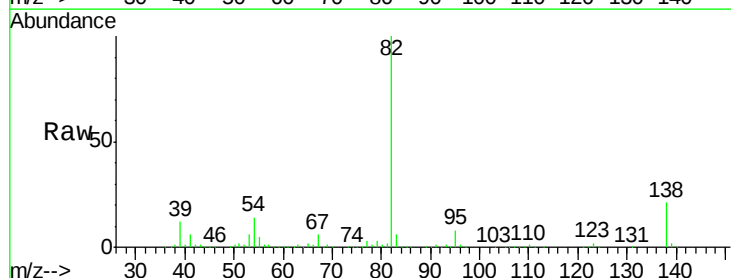
Tgt Ion: 139 Resp: 36112

Ion Ratio Lower Upper

139 100

109 15.5 22.1 33.1#

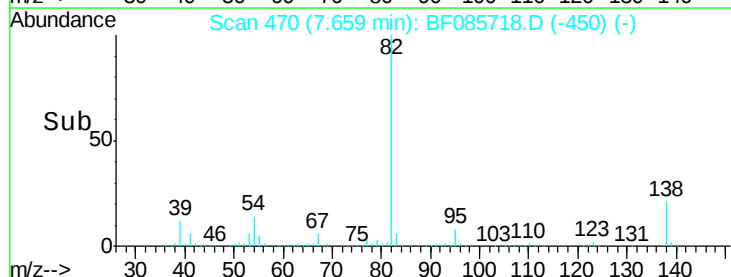
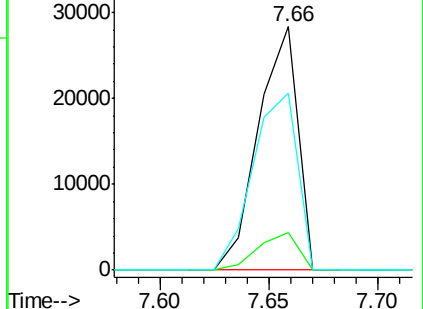
65 72.5 33.9 50.9#

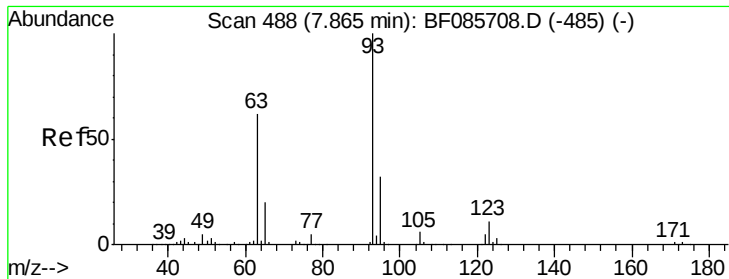


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

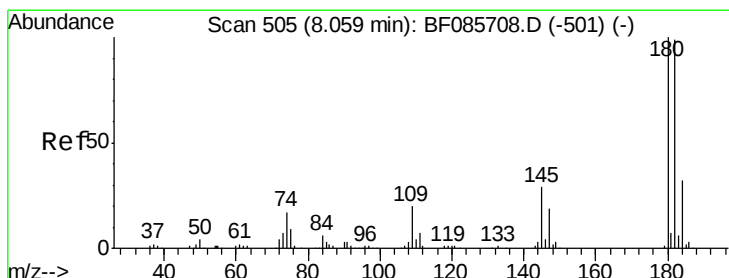
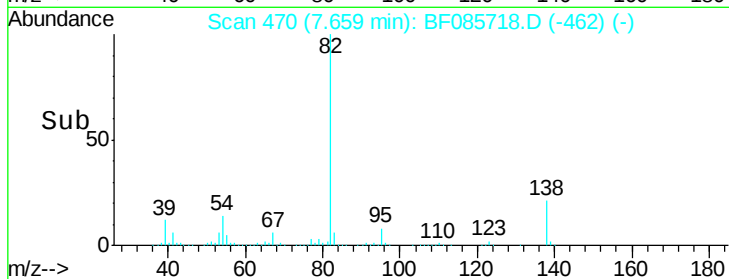
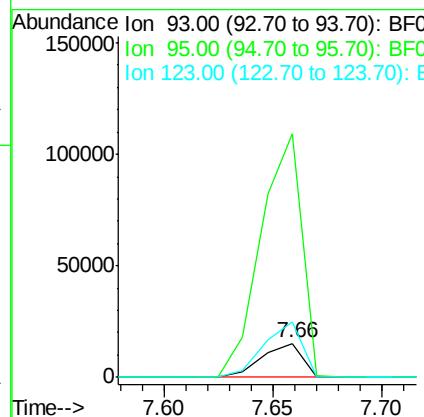
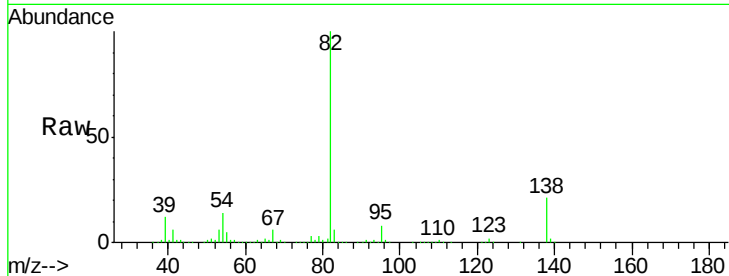




#28
bis(2-Chloroethoxy)methane
Concen: 2.51 ng
RT: 7.66 min Scan# 470
Delta R.T. -0.21 min
Lab File: BF085718.D
Acq: 24 Mar 2016 16:56

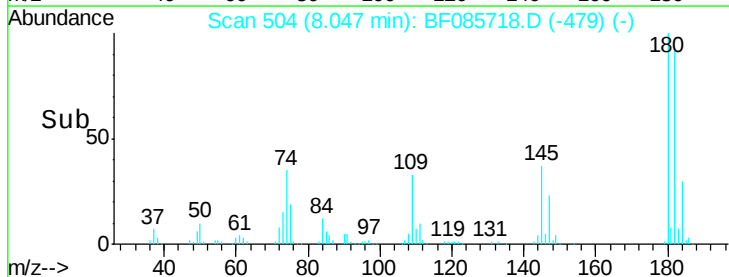
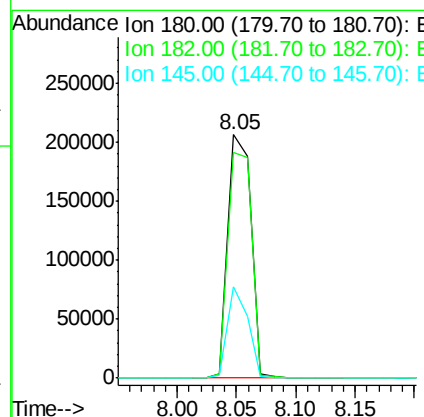
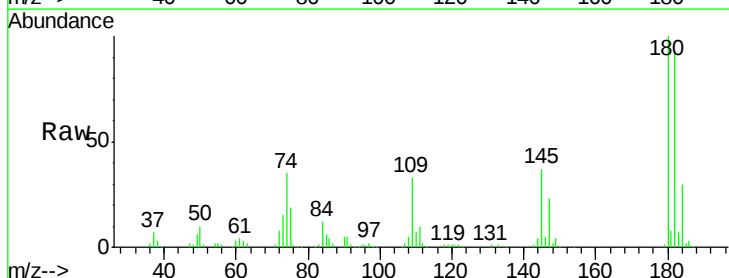
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

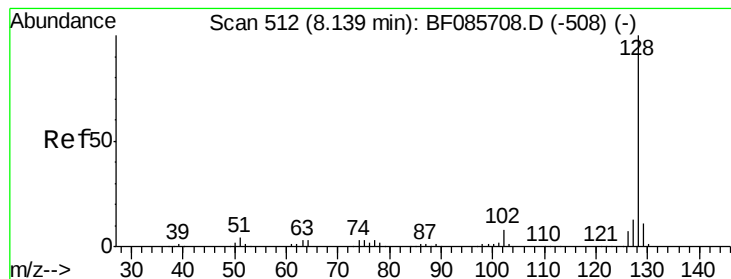
Tgt Ion: 93 Resp: 20019
Ion Ratio Lower Upper
93 100
95 720.9 26.4 39.6#
123 164.5 9.8 14.6#



#30
1,2,4-Trichlorobenzene
Concen: 45.46 ng
RT: 8.05 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF085718.D
Acq: 24 Mar 2016 16:56

Tgt Ion:180 Resp: 277666
Ion Ratio Lower Upper
180 100
182 92.6 73.8 110.8
145 37.3 28.4 42.6





#31

Naphthalene

Concen: 25.38 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

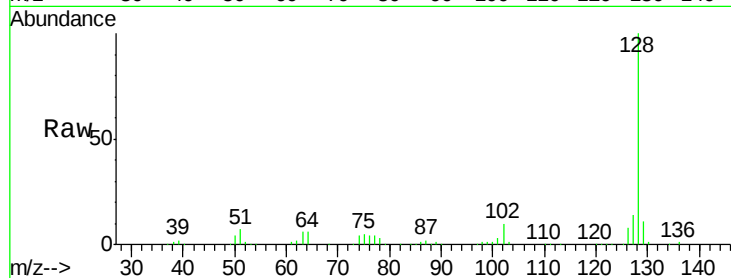
Tgt Ion:128 Resp: 522877

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

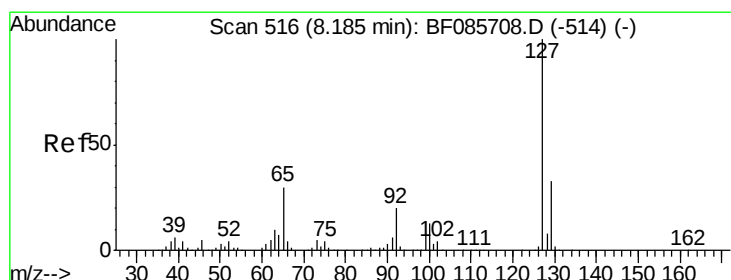
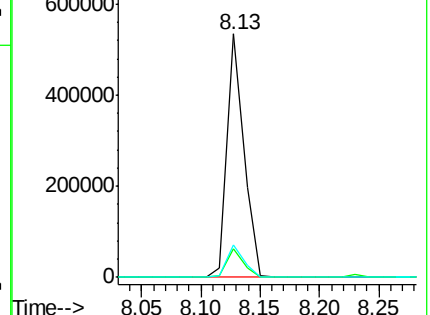
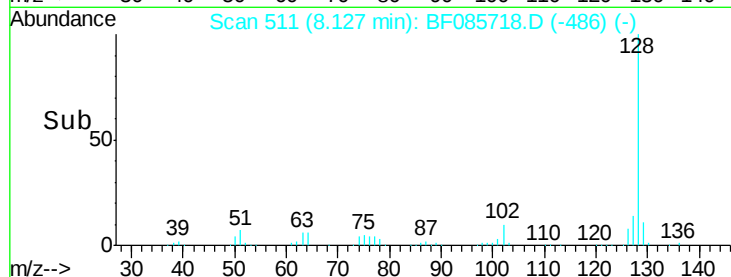
127 13.5 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 8.23 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.06 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

Tgt Ion:127 Resp: 69232

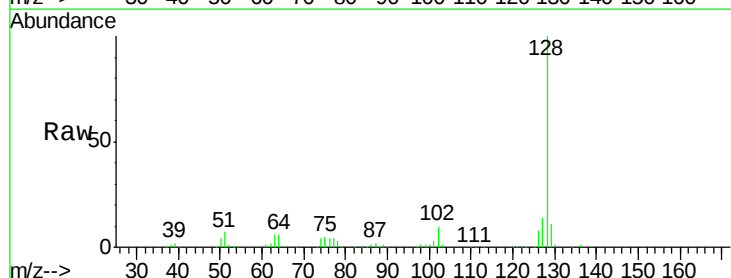
Ion Ratio Lower Upper

127 100

129 85.0 26.1 39.1#

65 0.0 19.5 29.3#

92 0.0 14.6 22.0#

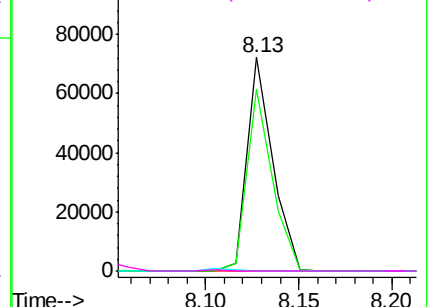
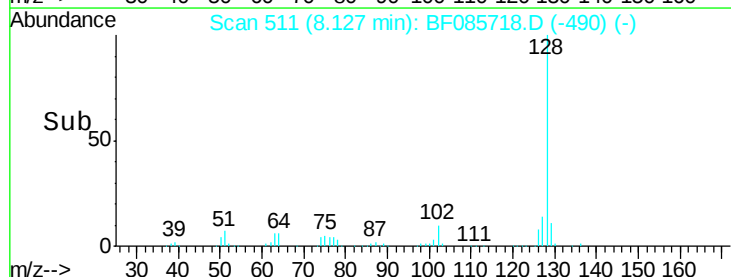


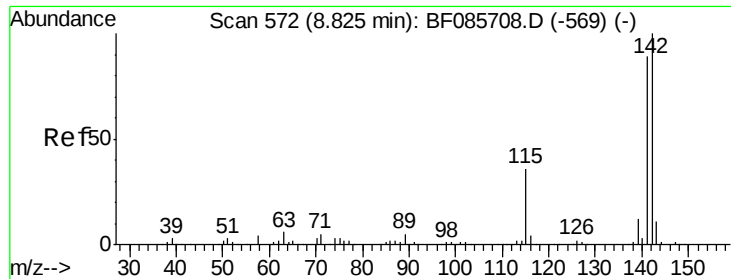
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

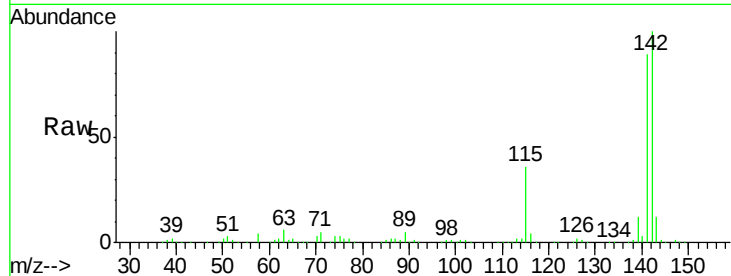




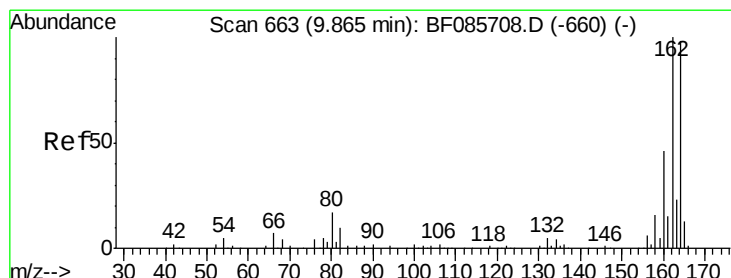
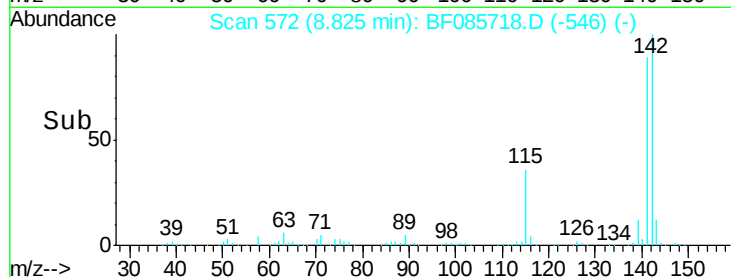
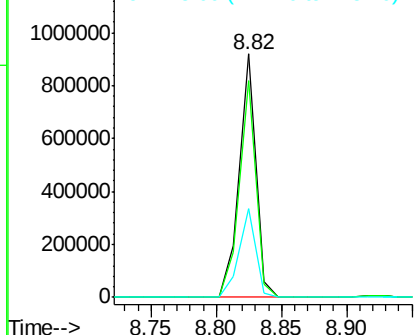
#37
 2-Methylnaphthalene
 Concen: 84.22 ng
 RT: 8.82 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF085718.D
 Acq: 24 Mar 2016 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

Tgt Ion:142 Resp: 810347
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.6 107.4
 115 36.3 26.8 40.2

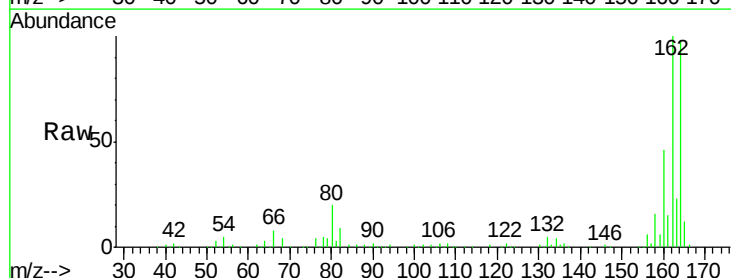


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

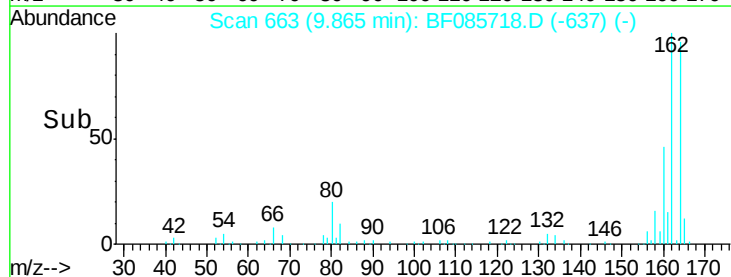
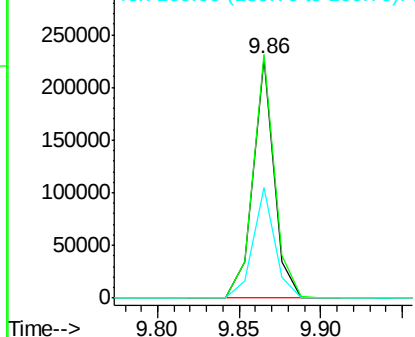


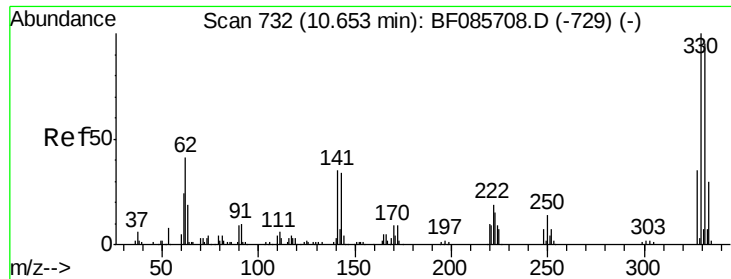
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085718.D
 Acq: 24 Mar 2016 16:56

Tgt Ion:164 Resp: 203732
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.1 123.1
 160 46.4 37.4 56.2



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

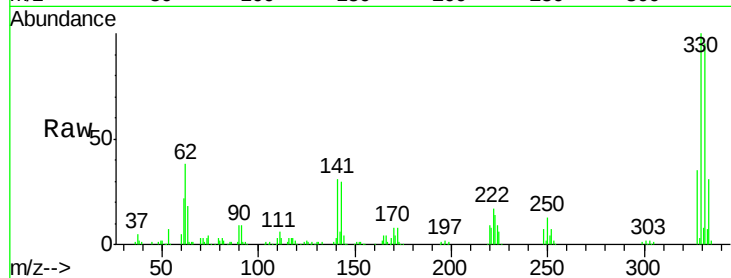




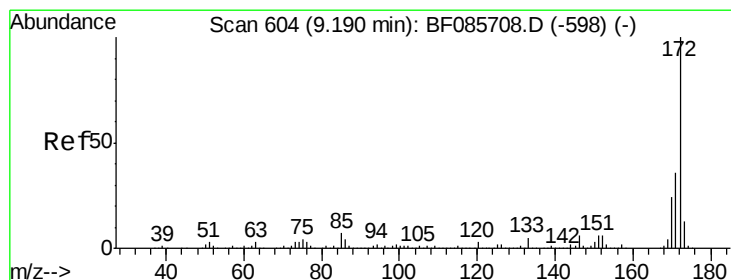
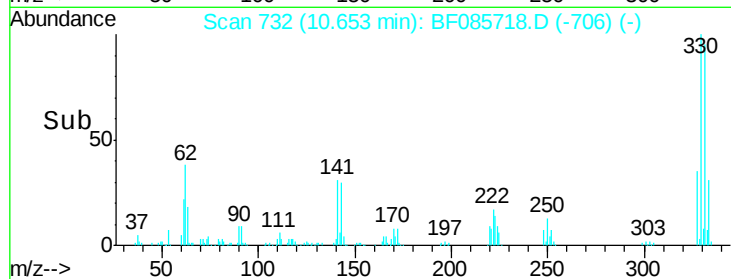
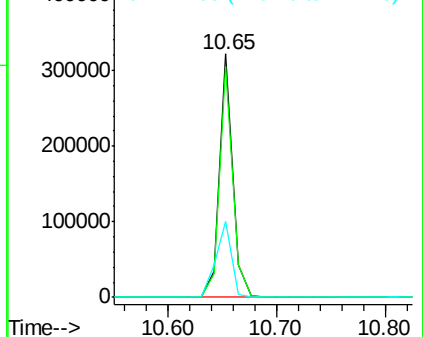
#41
 2,4,6-Tribromophenol
 Concen: 143.27 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085718.D
 Acq: 24 Mar 2016 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

Tgt Ion:330 Resp: 277319
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.2 117.2
 141 37.2 31.5 47.3

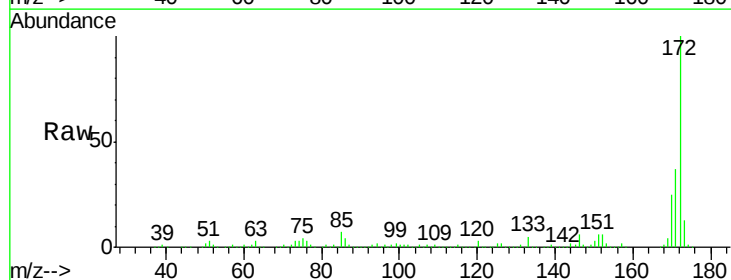


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

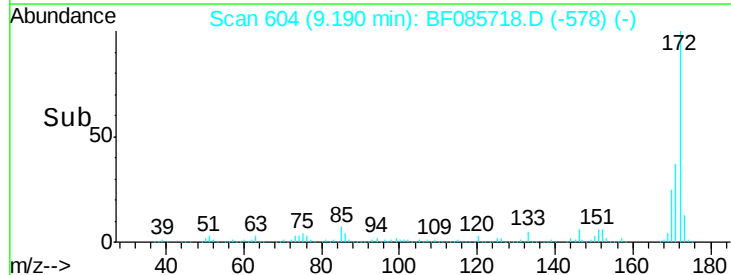
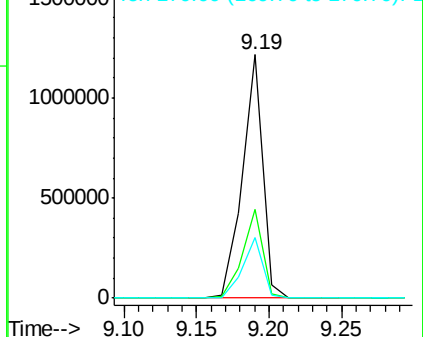


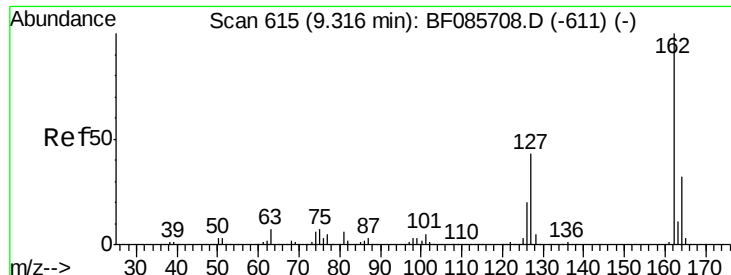
#44
 2-Fluorobiphenyl
 Concen: 97.40 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085718.D
 Acq: 24 Mar 2016 16:56

Tgt Ion:172 Resp: 1187644
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 24.7 19.8 29.6



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

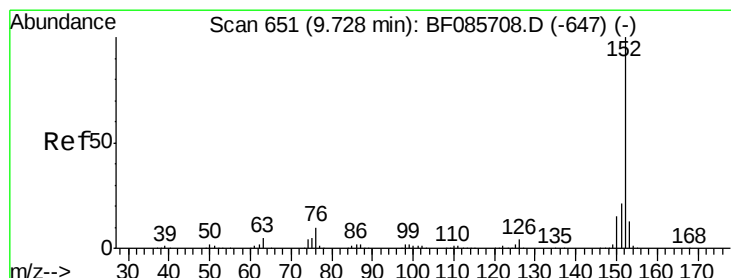
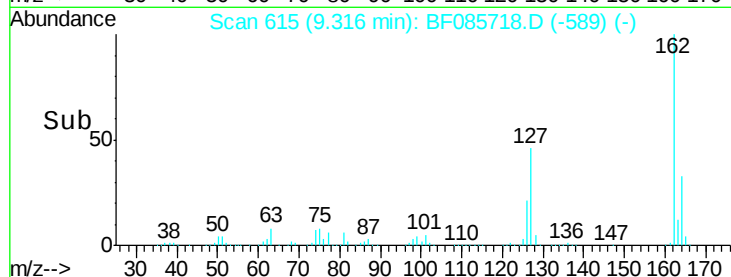
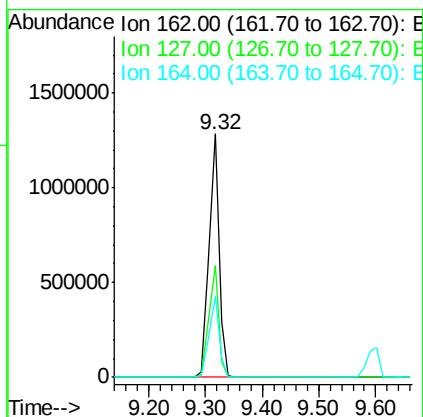
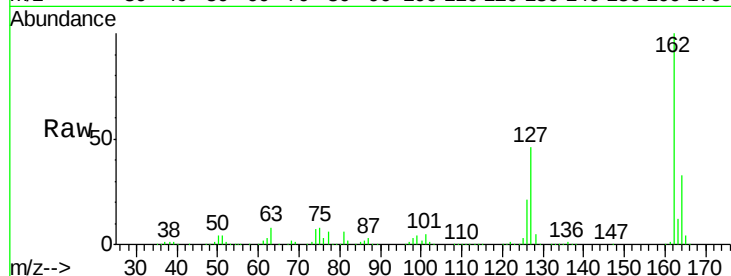




#46
2-Chloronaphthalene
Concen: 118.39 ng
RT: 9.32 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF085718.D
Acq: 24 Mar 2016 16:56

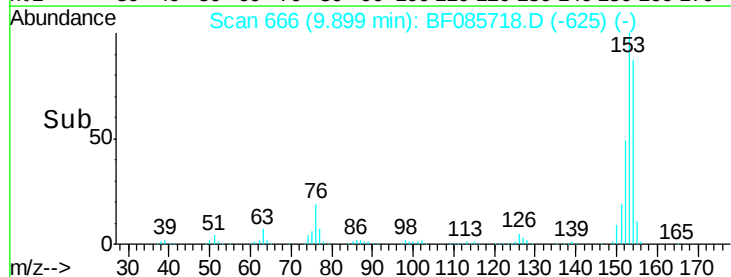
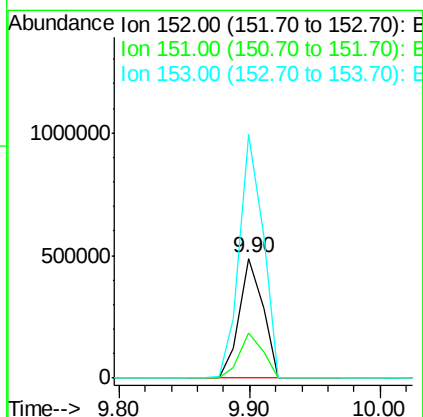
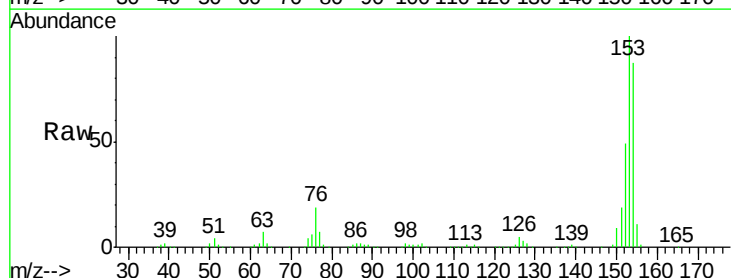
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

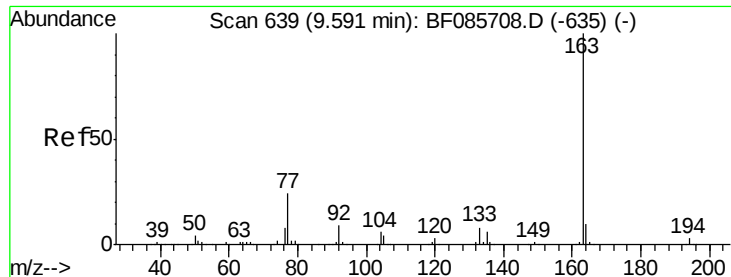
Tgt Ion:162 Resp: 1496529
Ion Ratio Lower Upper
162 100
127 46.0 31.7 47.5
164 33.5 27.3 40.9



#48
Acenaphthylene
Concen: 29.83 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.17 min
Lab File: BF085718.D
Acq: 24 Mar 2016 16:56

Tgt Ion:152 Resp: 614445
Ion Ratio Lower Upper
152 100
151 37.7 16.8 25.2#
153 202.9 10.9 16.3#





#49

Dimethylphthalate

Concen: 146.63 ng

RT: 9.60 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

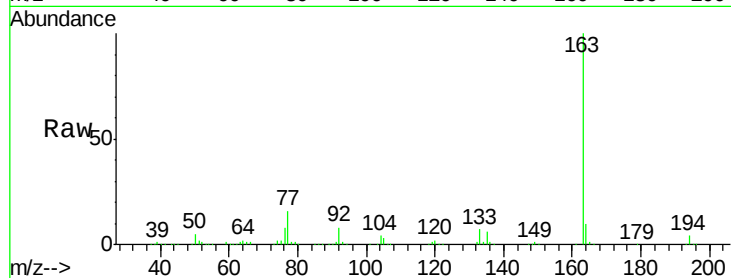
Tgt Ion:163 Resp: 2266383

Ion Ratio Lower Upper

163 100

194 4.2 2.9 4.3

164 10.4 8.3 12.5



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

2000000

1500000

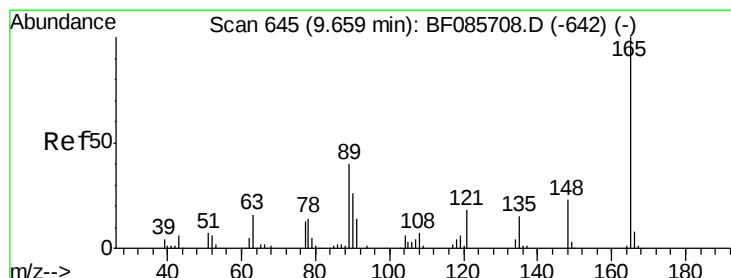
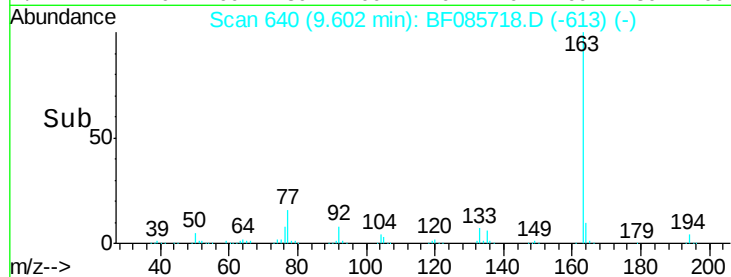
1000000

500000

0

9.50 9.60 9.70

Time-->



#50

2,6-Dinitrotoluene

Concen: 148.01 ng

RT: 9.67 min Scan# 646

Delta R.T. 0.01 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

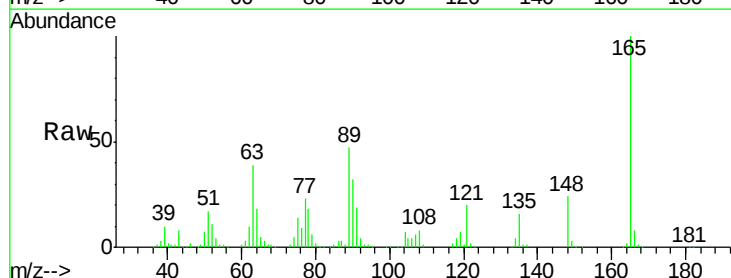
Tgt Ion:165 Resp: 492451

Ion Ratio Lower Upper

165 100

63 39.2 51.8 77.8#

89 47.4 53.7 80.5#



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

600000

500000

400000

300000

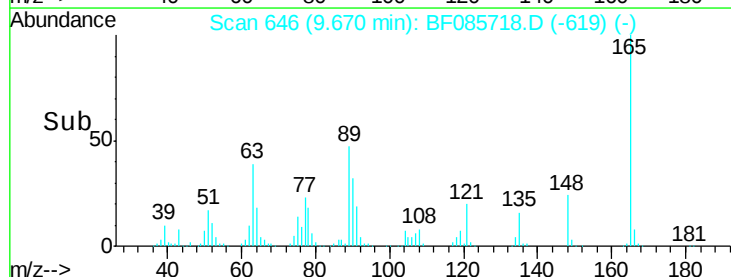
200000

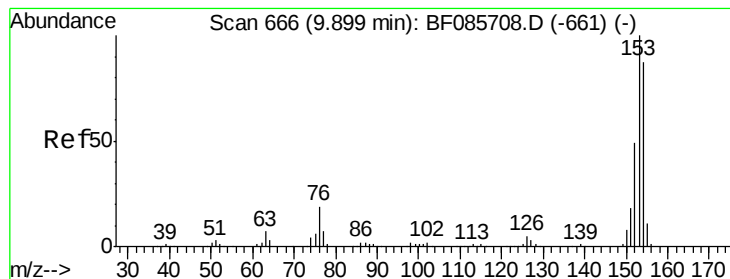
100000

0

9.60 9.65 9.70 9.75

Time-->





#51

Acenaphthene

Concen: 86.89 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

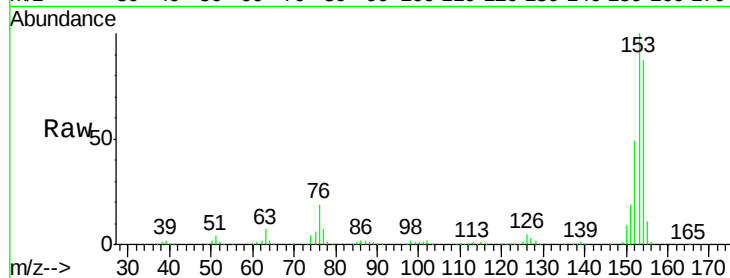
Tgt Ion:154 Resp: 1093181

Ion Ratio Lower Upper

154 100

153 115.0 90.1 135.1

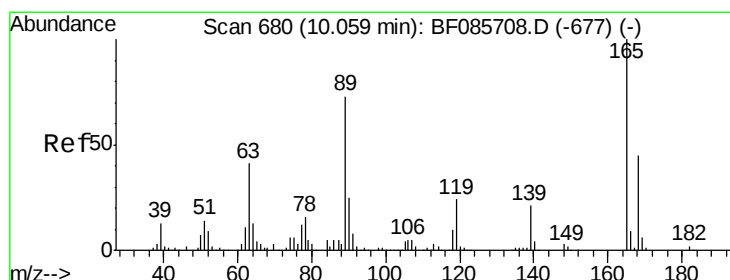
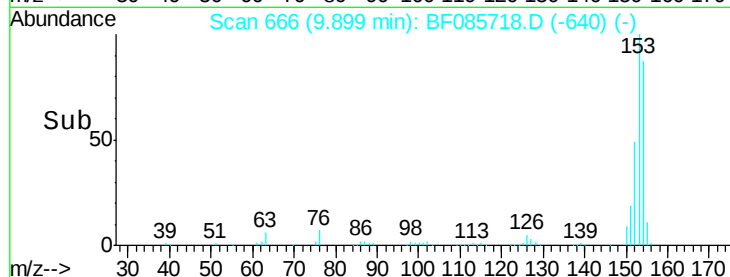
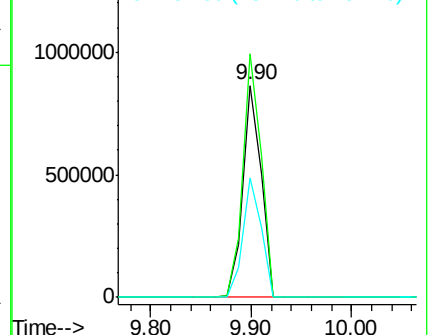
152 56.7 44.2 66.2



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



#56

2,4-Dinitrotoluene

Concen: 59.55 ng

RT: 10.06 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

Tgt Ion:165 Resp: 251820

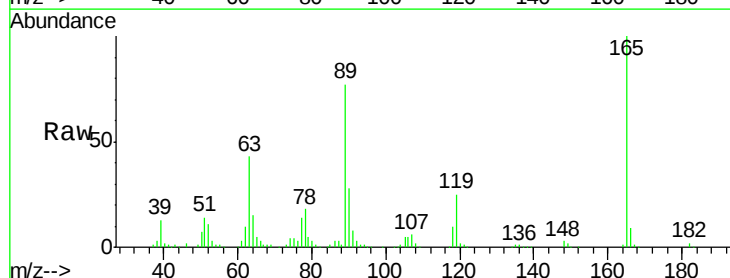
Ion Ratio Lower Upper

165 100

63 42.6 24.9 37.3#

89 76.9 41.0 61.6#

182 2.4 2.1 3.1

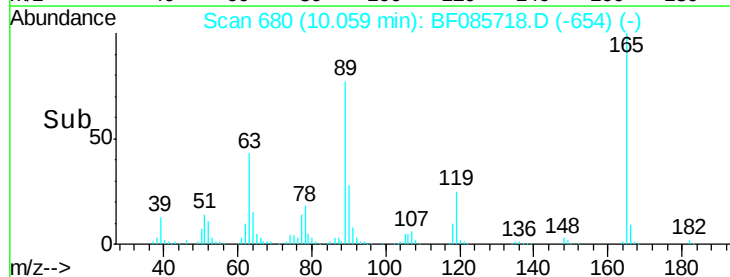
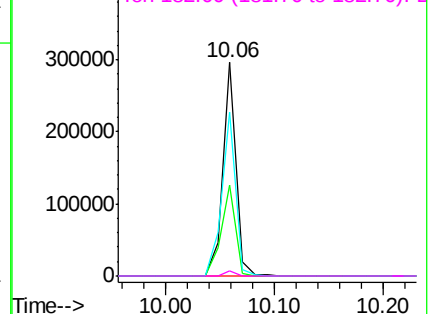


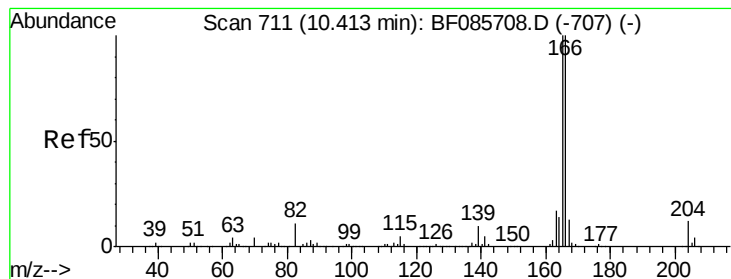
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 94.35 ng

RT: 10.42 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

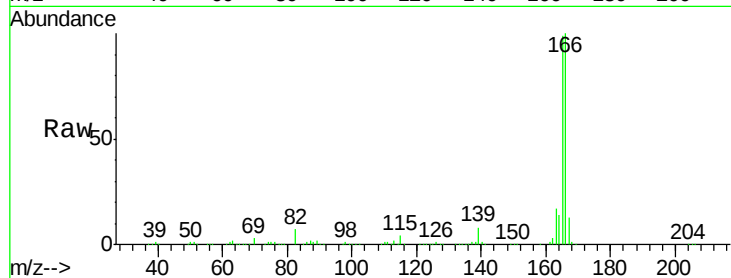
Tgt Ion:166 Resp: 1277124

Ion Ratio Lower Upper

166 100

165 98.6 79.4 119.0

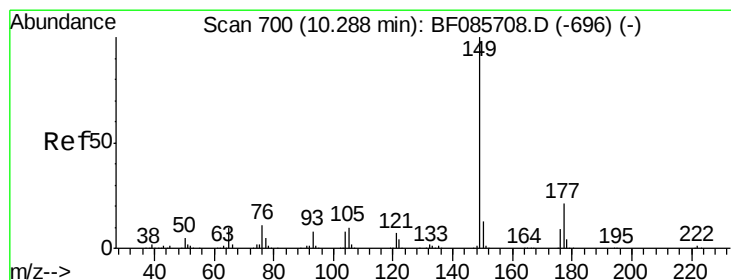
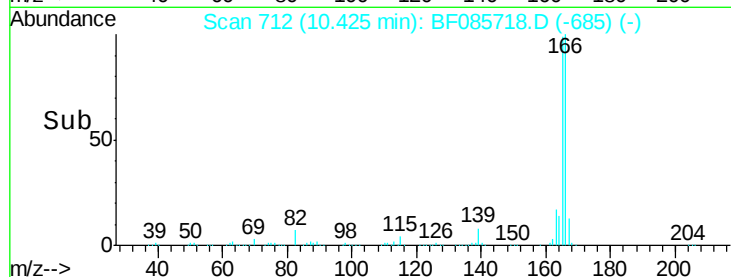
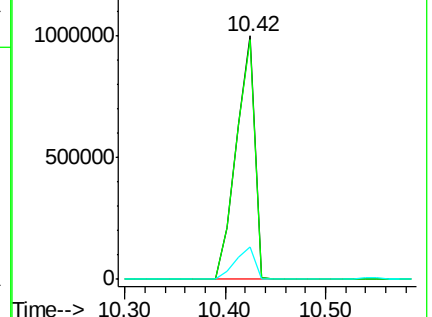
167 13.2 11.0 16.4



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: 85.48 ng

RT: 10.29 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

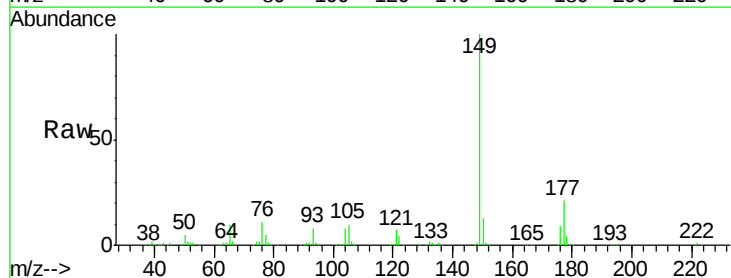
Tgt Ion:149 Resp: 1305414

Ion Ratio Lower Upper

149 100

177 21.4 17.9 26.9

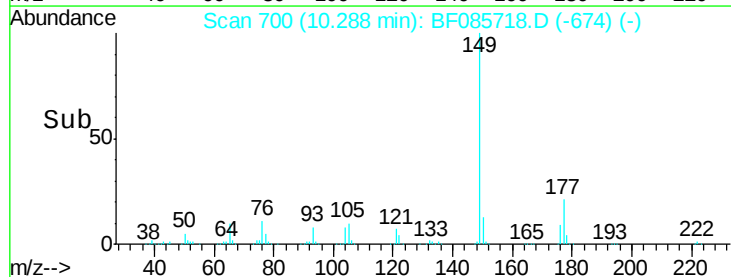
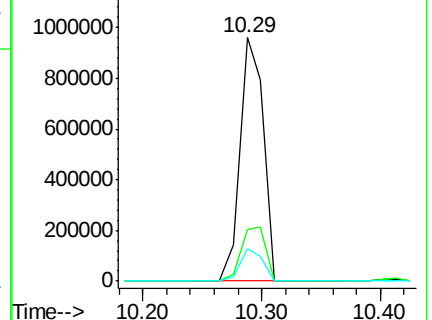
150 13.2 10.2 15.2

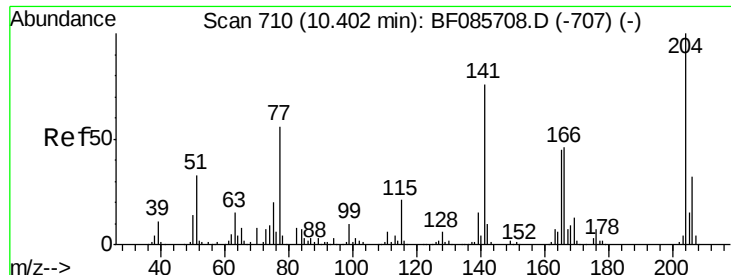


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

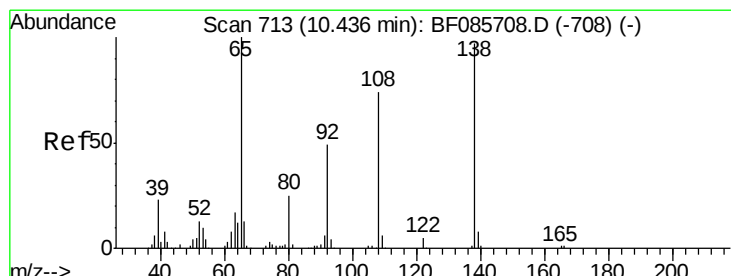
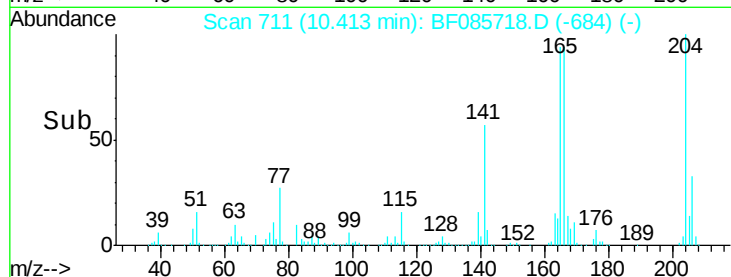
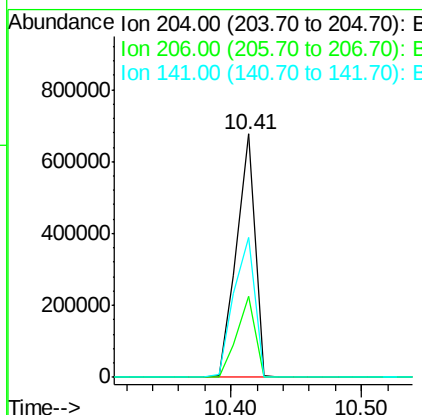
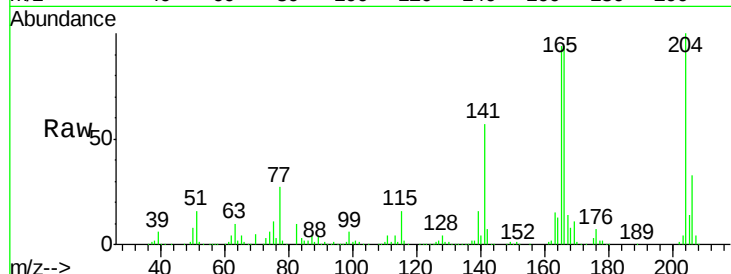




#60
 4-Chlorophenyl-phenylether
 Concen: 100.70 ng
 RT: 10.41 min Scan# 711
 Delta R.T. 0.01 min
 Lab File: BF085718.D
 Acq: 24 Mar 2016 16:56

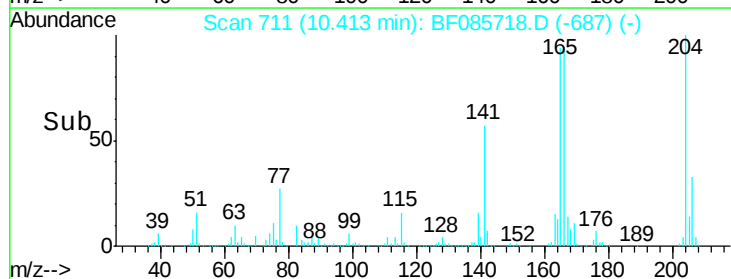
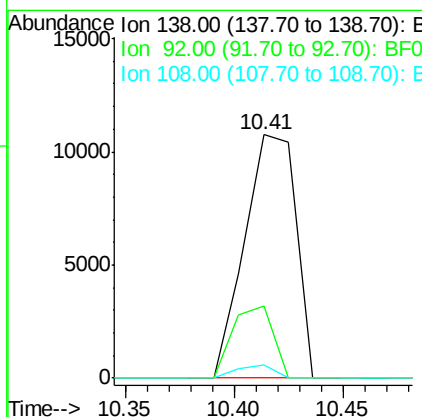
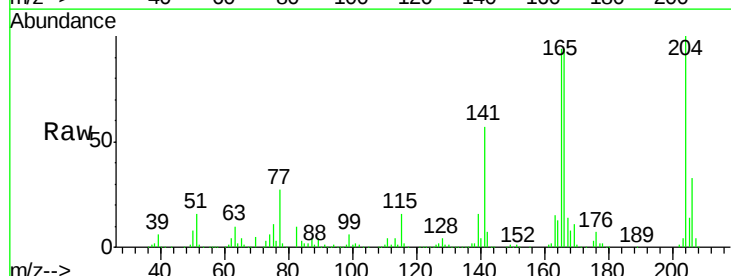
Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

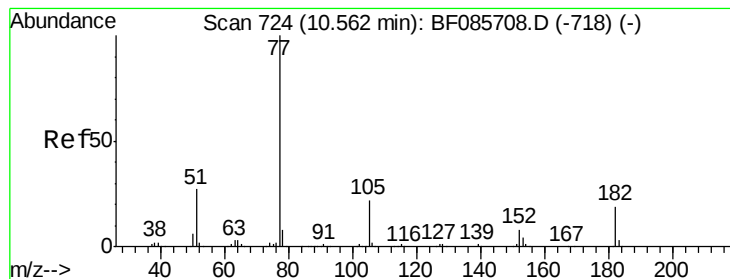
Tgt Ion: 204 Resp: 666463
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.6 39.8
 141 57.4 57.4 86.0



#61
 4-Nitroaniline
 Concen: 4.85 ng
 RT: 10.41 min Scan# 711
 Delta R.T. -0.02 min
 Lab File: BF085718.D
 Acq: 24 Mar 2016 16:56

Tgt Ion: 138 Resp: 17679
 Ion Ratio Lower Upper
 138 100
 92 29.3 26.4 66.4
 108 5.5 49.0 89.0#





#62

Azobenzene

Concen: 17.35 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.15 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

Tgt Ion: 77 Resp: 254554

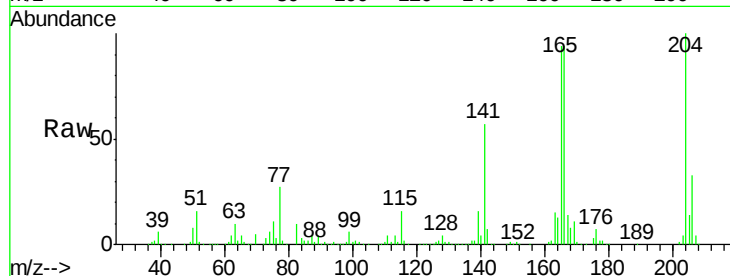
Ion Ratio Lower Upper

77 100

182 0.0 1.9 41.9#

105 0.2 3.5 43.5#

51 57.4 6.3 46.3#

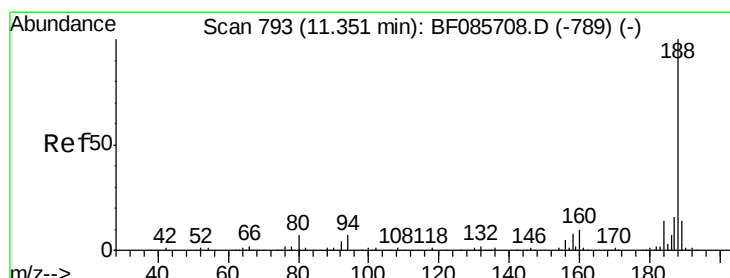
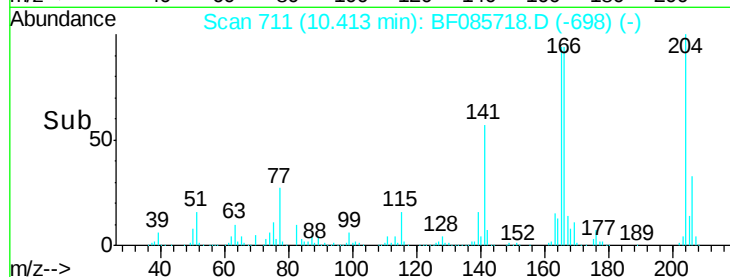
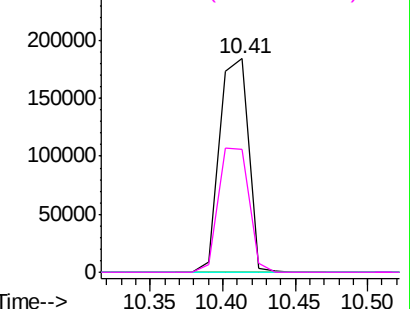


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.35 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

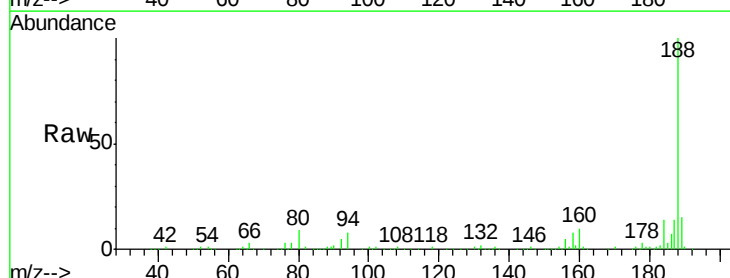
Tgt Ion: 188 Resp: 385839

Ion Ratio Lower Upper

188 100

94 8.5 5.4 8.0#

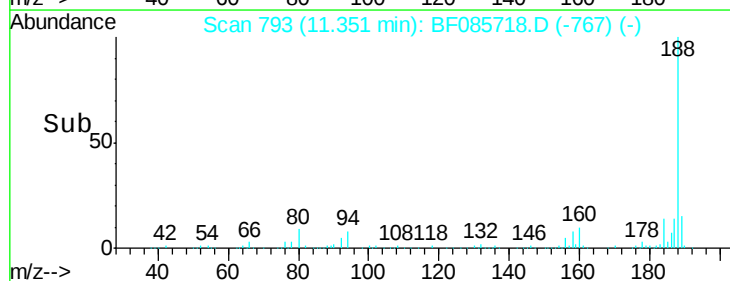
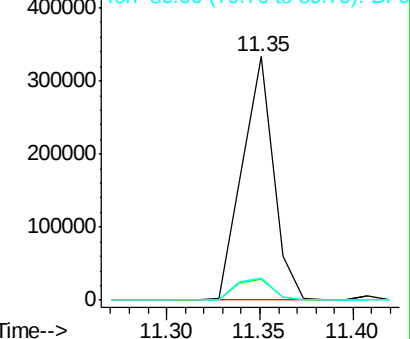
80 9.0 5.5 8.3#

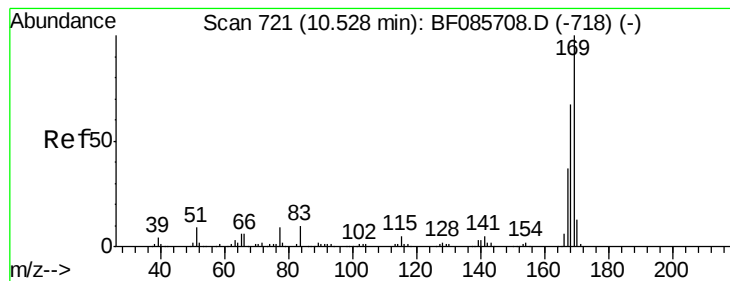


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 6.41 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.11 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

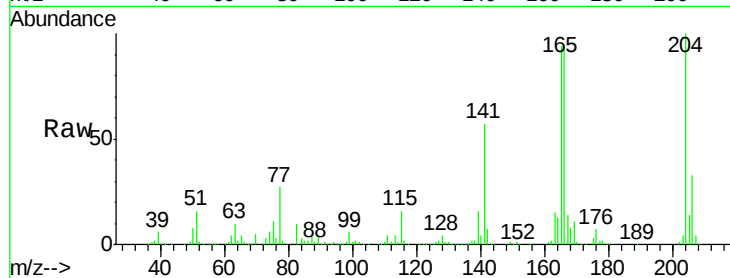
Tgt Ion:169 Resp: 78275

Ion Ratio Lower Upper

169 100

168 75.2 54.4 81.6

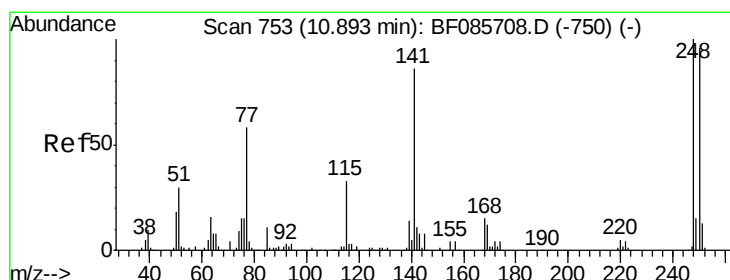
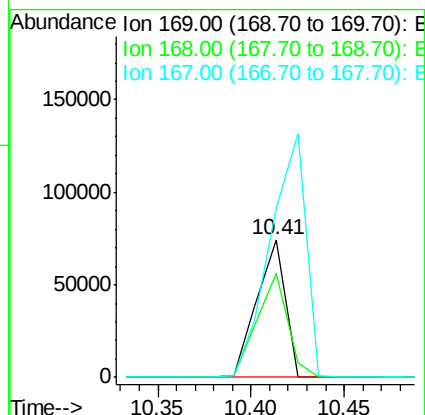
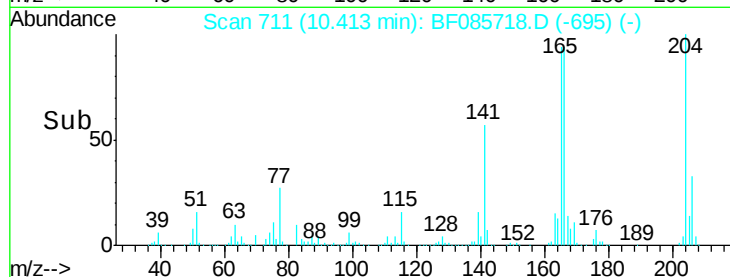
167 123.0 29.4 44.0#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 24.19 ng

RT: 10.89 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

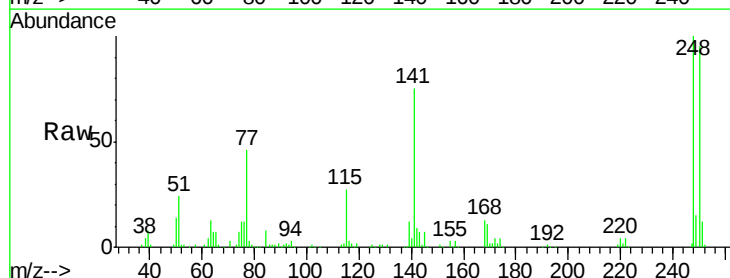
Tgt Ion:248 Resp: 95468

Ion Ratio Lower Upper

248 100

250 95.1 77.4 116.0

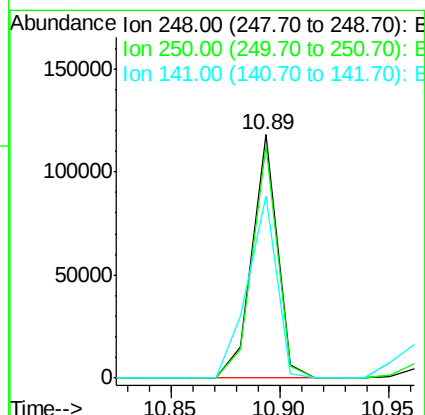
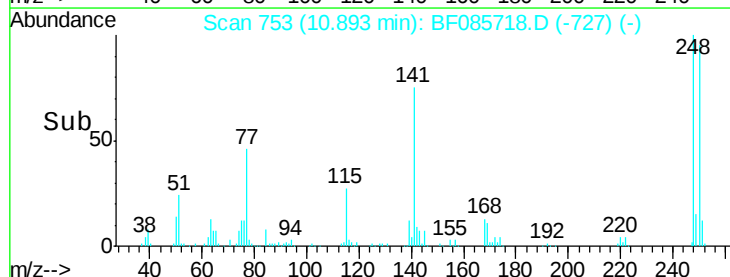
141 74.6 63.6 95.4

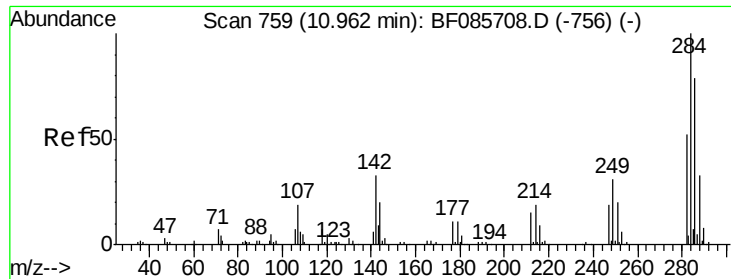


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

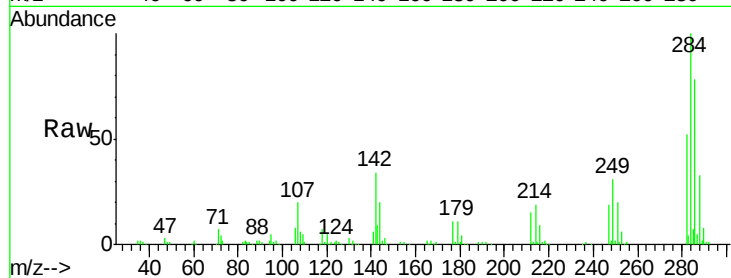




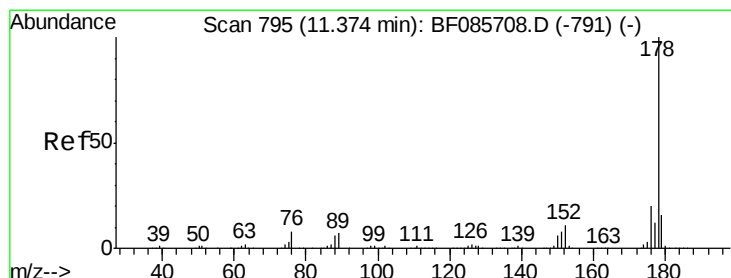
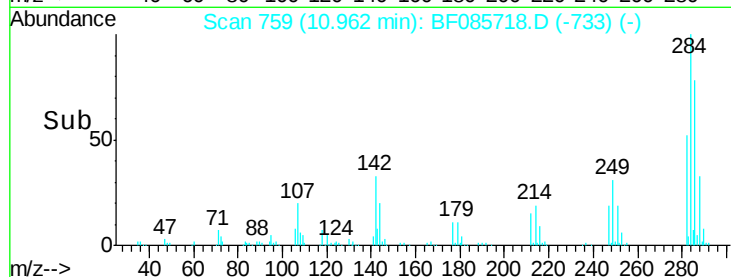
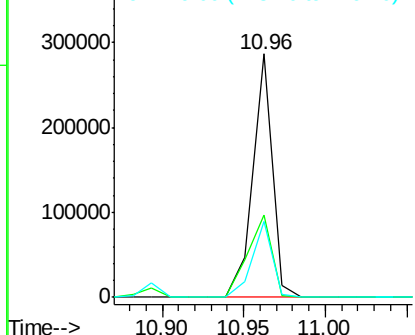
#67
Hexachlorobenzene
Concen: 58.15 ng
RT: 10.96 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF085718.D
Acq: 24 Mar 2016 16:56

Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

Tgt Ion:284 Resp: 240060
Ion Ratio Lower Upper
284 100
142 33.7 23.1 34.7
249 31.0 24.2 36.2

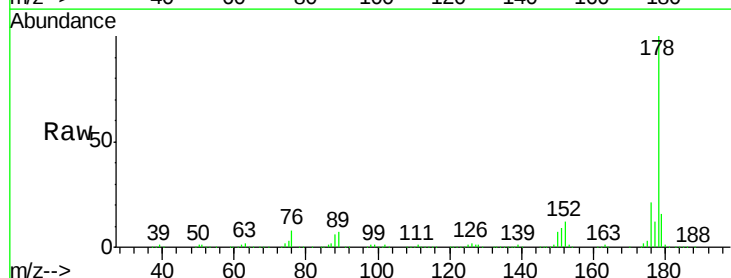


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

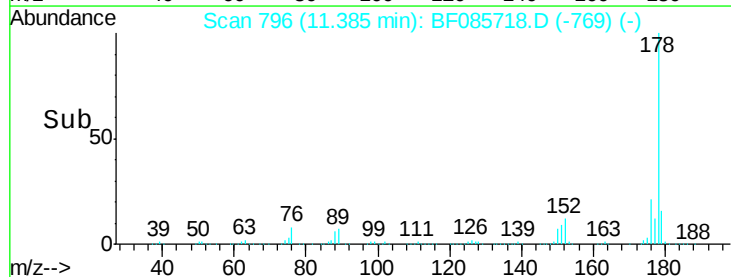
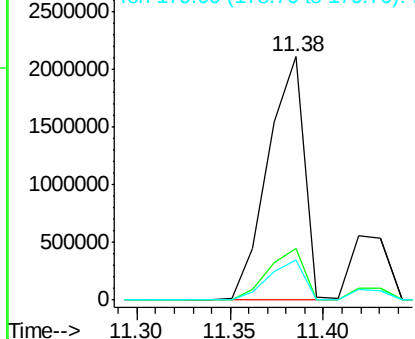


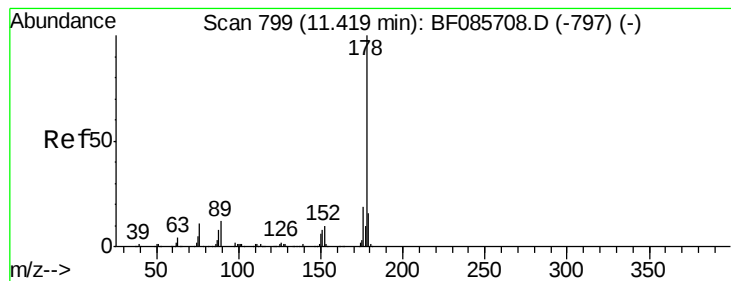
#70
Phenanthrene
Concen: 143.48 ng
RT: 11.38 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF085718.D
Acq: 24 Mar 2016 16:56

Tgt Ion:178 Resp: 2842539
Ion Ratio Lower Upper
178 100
176 21.2 16.3 24.5
179 16.2 12.6 18.8



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





#71

Anthracene

Concen: 36.63 ng

RT: 11.42 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

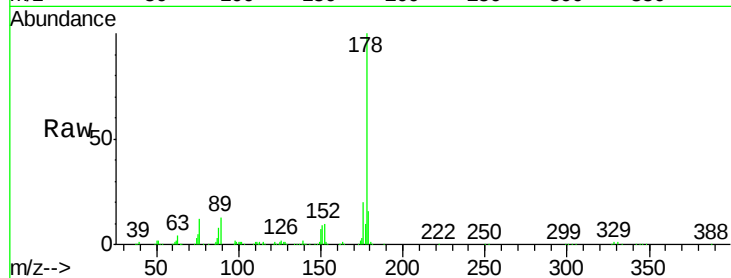
Tgt Ion:178 Resp: 761811

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

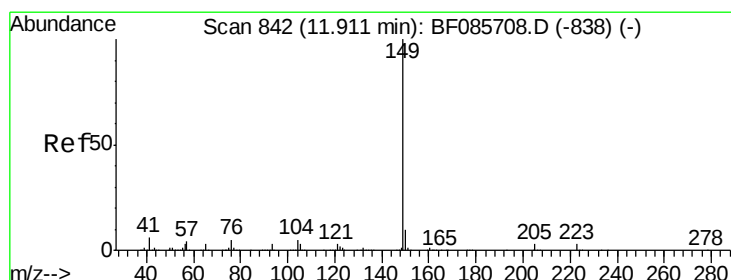
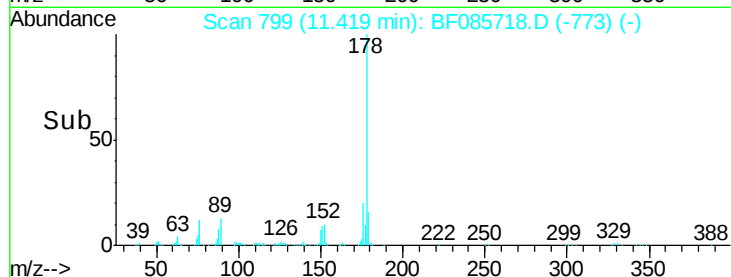
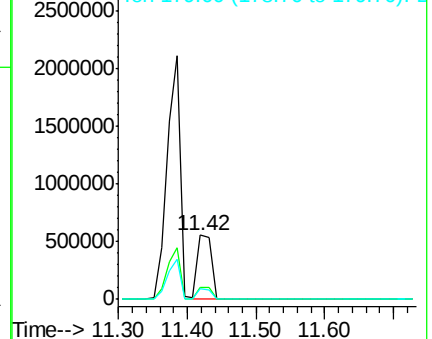
179 15.7 13.0 19.4



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: 76.04 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

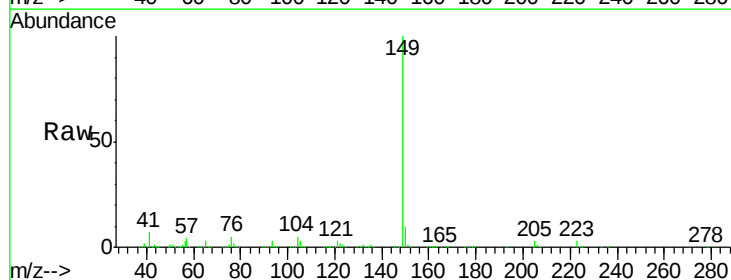
Tgt Ion:149 Resp: 1821961

Ion Ratio Lower Upper

149 100

150 9.9 7.6 11.4

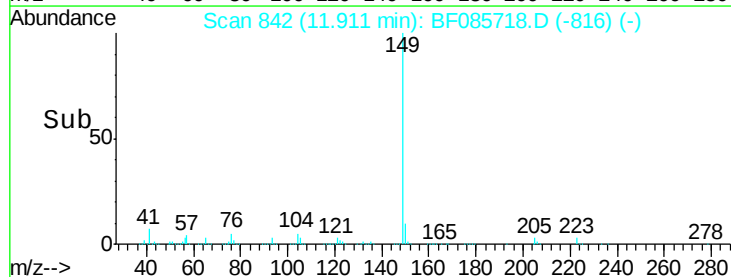
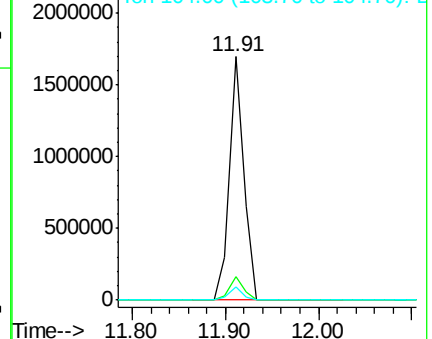
104 5.4 3.8 5.8

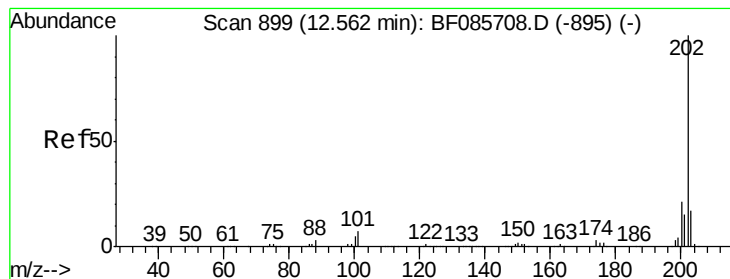


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 78.63 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

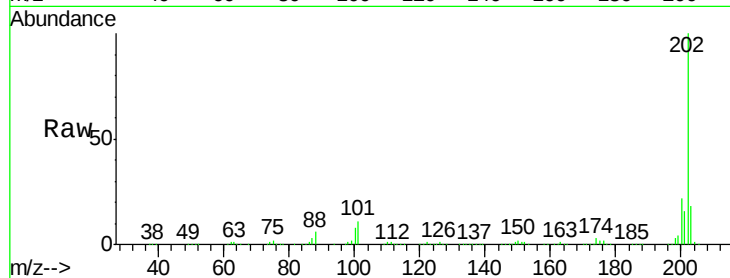
Tgt Ion: 202 Resp: 1655865

Ion Ratio Lower Upper

202 100

101 11.2 0.0 36.6

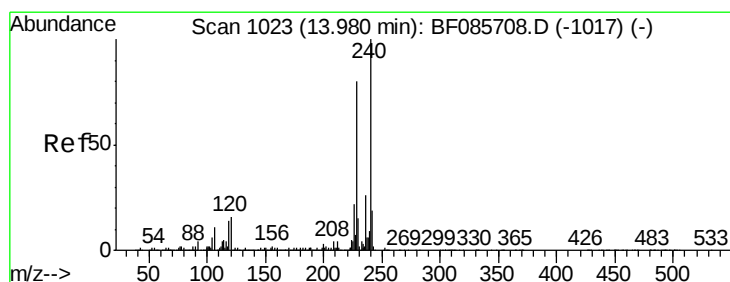
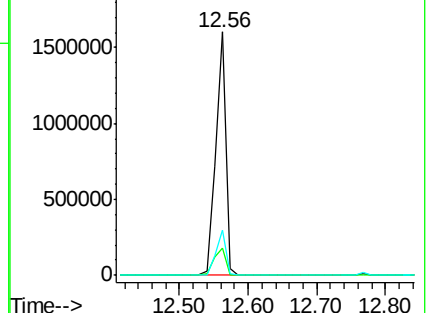
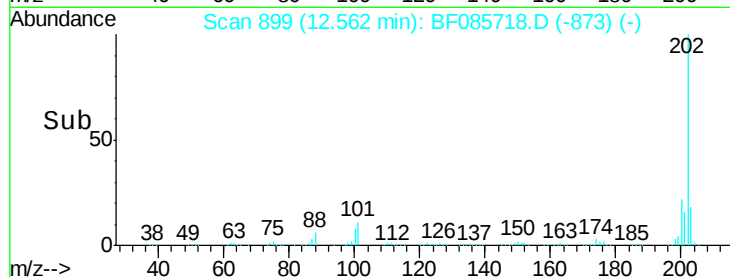
203 18.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

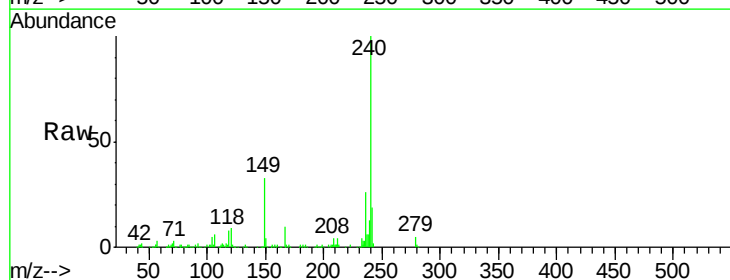
Tgt Ion: 240 Resp: 257294

Ion Ratio Lower Upper

240 100

120 8.9 13.8 20.8#

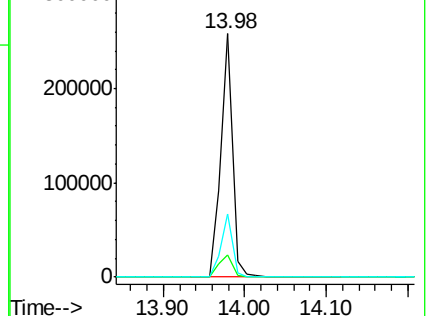
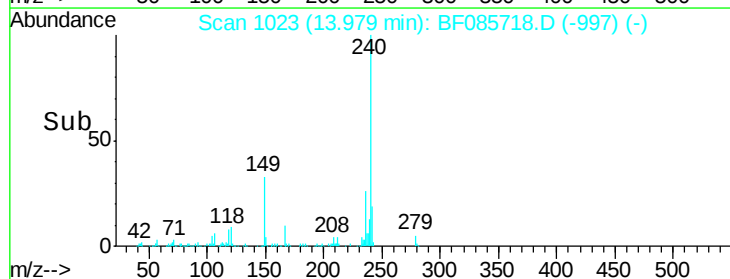
236 25.9 20.6 30.8

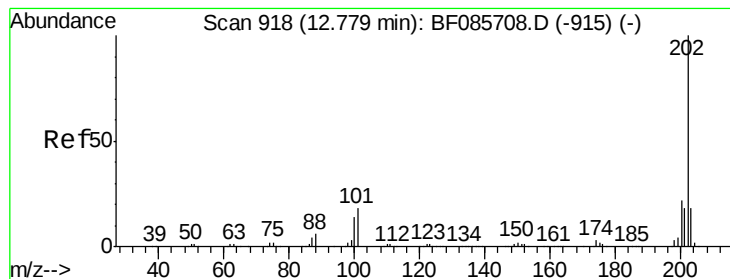


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 78.29 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.22 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

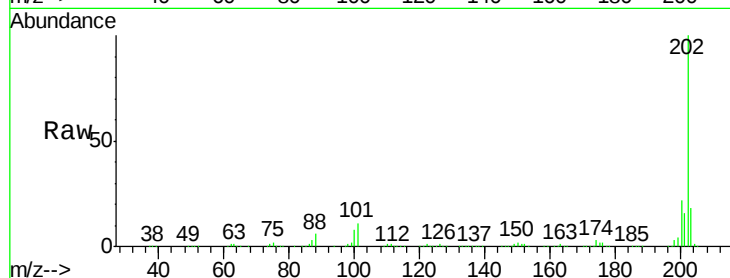
Tgt Ion:202 Resp: 1655865

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

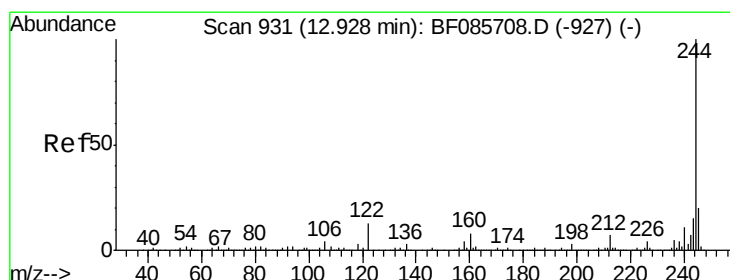
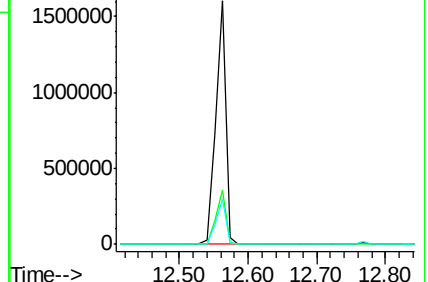
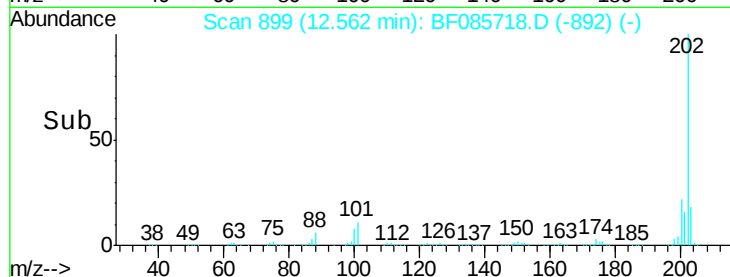
203 18.4 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.97 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

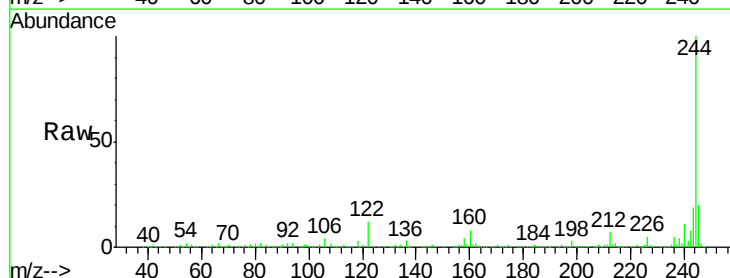
Tgt Ion:244 Resp: 1125639

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

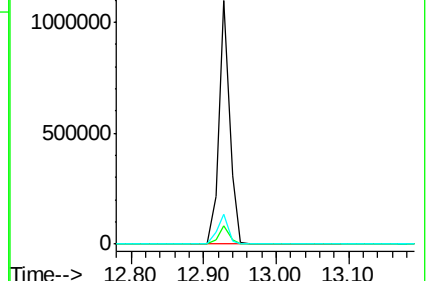
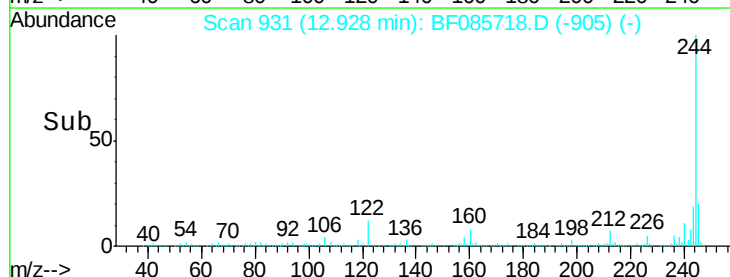
122 12.4 10.2 15.4

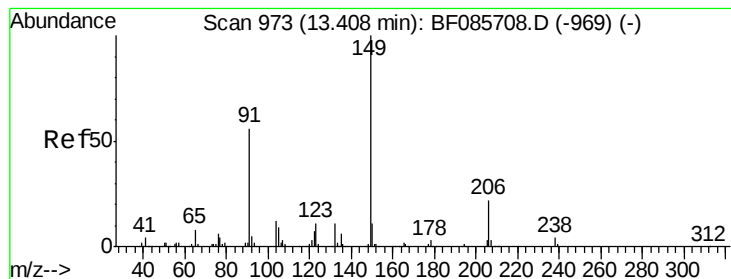


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 72.89 ng

RT: 13.41 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

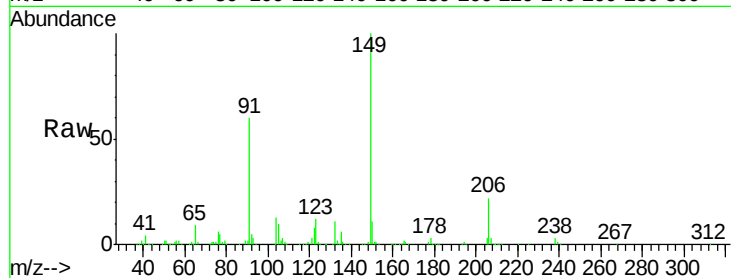
Tgt Ion:149 Resp: 645586

Ion Ratio Lower Upper

149 100

91 60.2 45.8 68.8

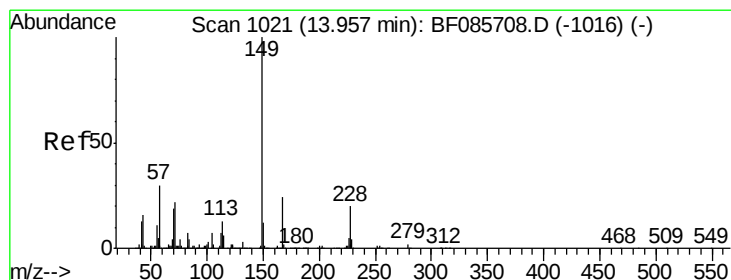
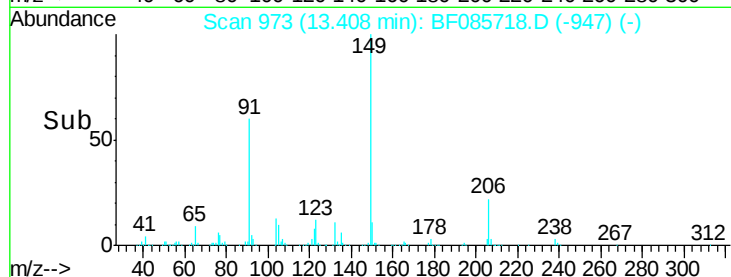
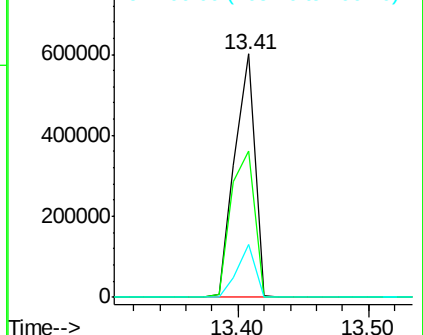
206 21.9 17.8 26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 140.79 ng

RT: 13.97 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

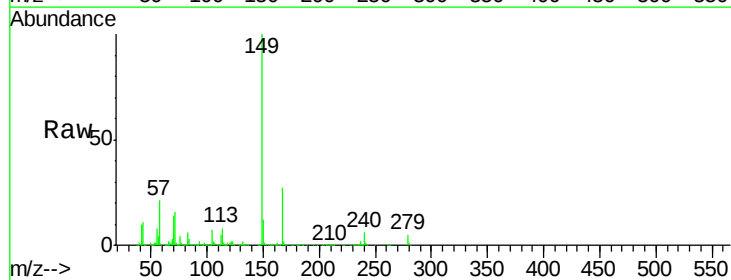
Tgt Ion:149 Resp: 1493060

Ion Ratio Lower Upper

149 100

167 27.4 19.4 29.2

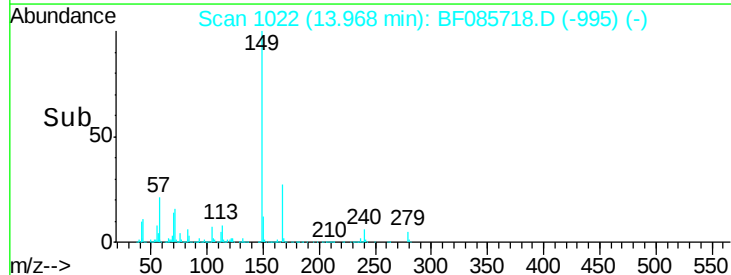
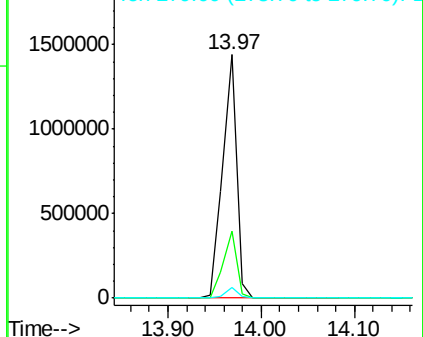
279 4.6 1.5 2.3#

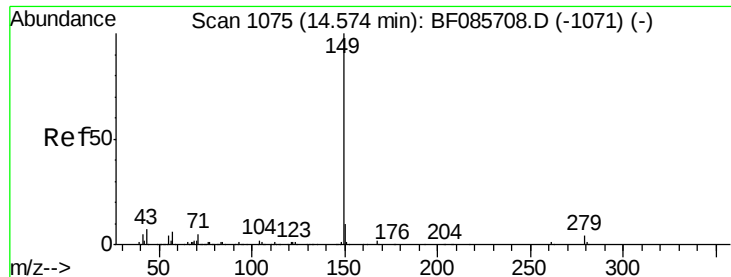


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 135.50 ng

RT: 14.57 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

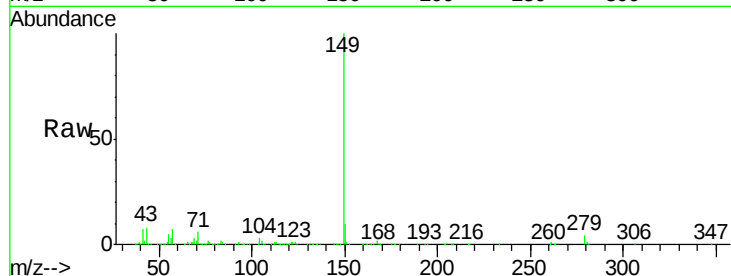
Tgt Ion:149 Resp: 2136738

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

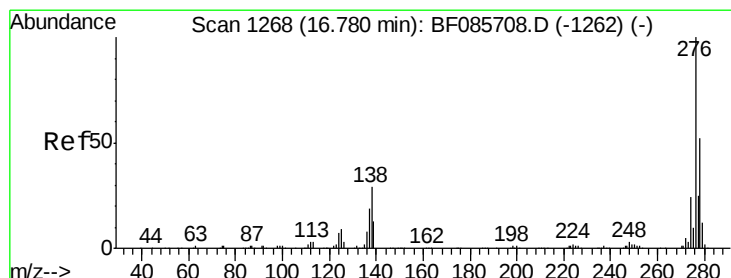
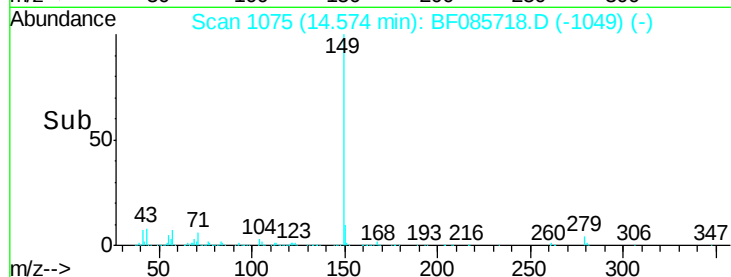
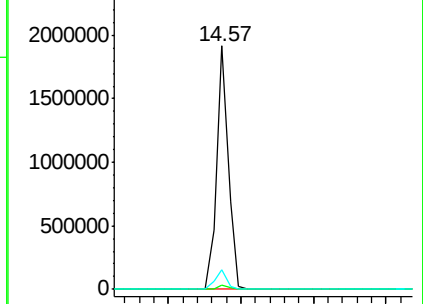
43 8.1 7.1 10.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 40.45 ng

RT: 16.78 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

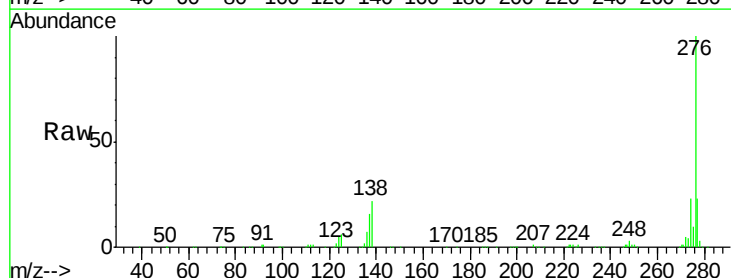
Tgt Ion:276 Resp: 461582

Ion Ratio Lower Upper

276 100

138 23.3 24.2 36.4#

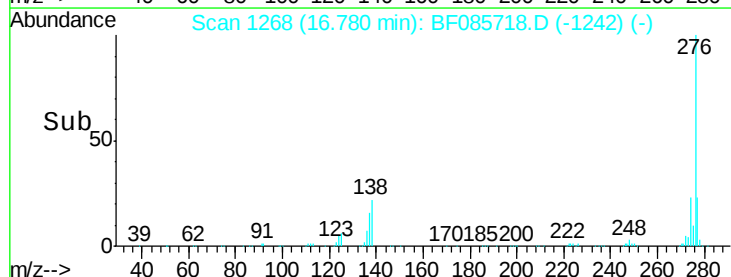
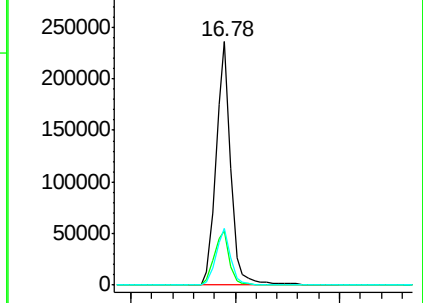
277 23.2 20.0 30.0

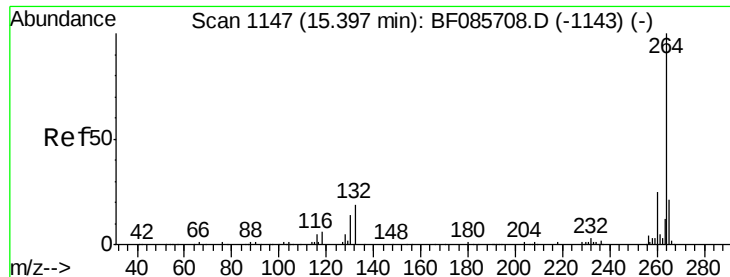


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



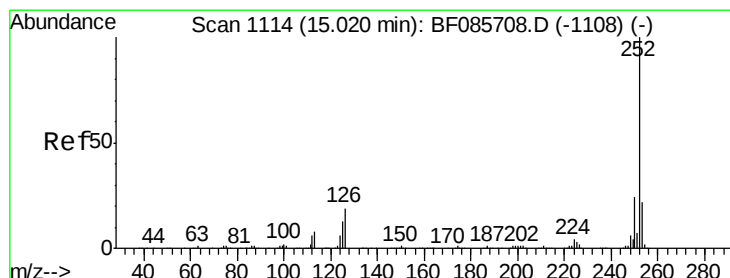
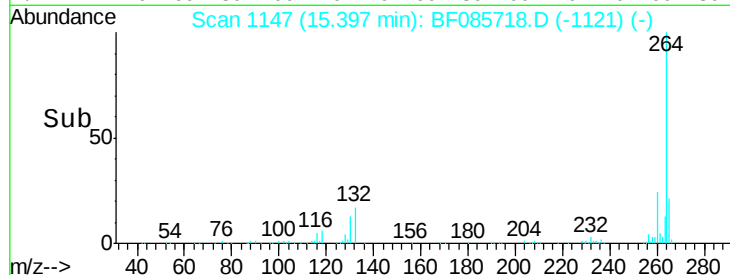
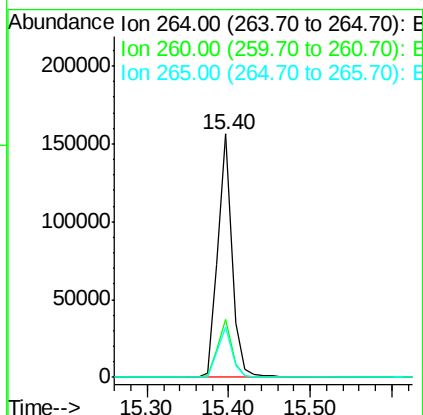
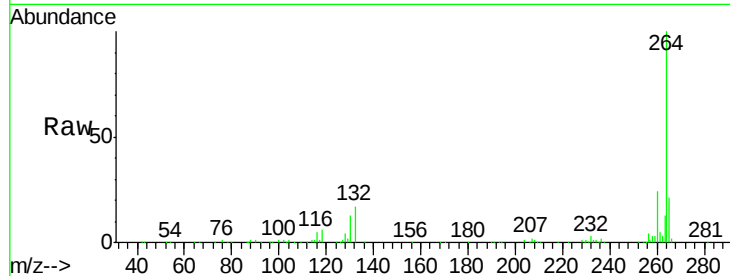


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085718.D
Acq: 24 Mar 2016 16:56

Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

Tgt Ion: 264 Resp: 190543

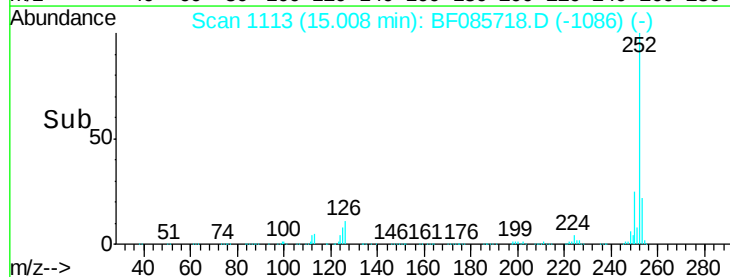
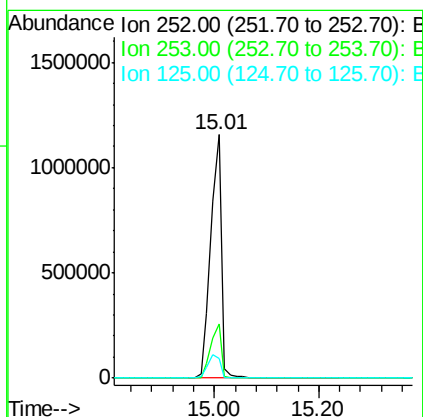
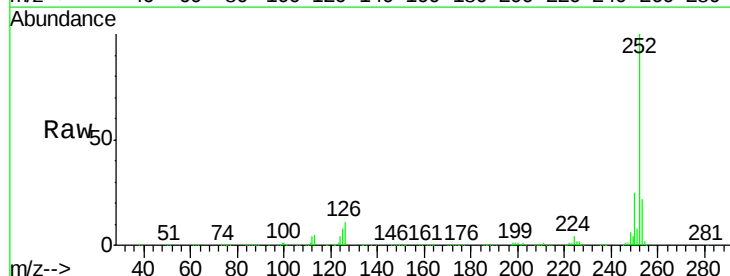
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	20.7	17.2	25.8

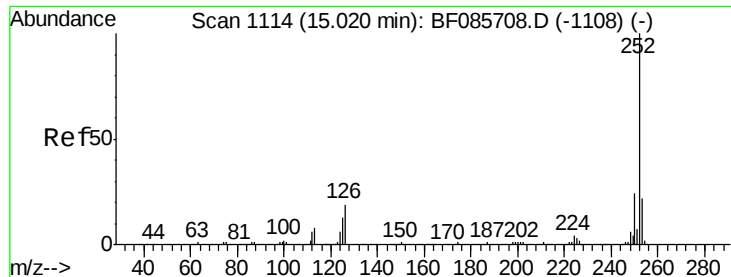


#87
Benzo(b)fluoranthene
Concen: 137.95 ng
RT: 15.01 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BF085718.D
Acq: 24 Mar 2016 16:56

Tgt Ion: 252 Resp: 1655933

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	8.0	10.3	15.5





#88

Benzo(k)fluoranthene

Concen: 153.12 ng

RT: 15.01 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BF085718.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

Tgt Ion:252 Resp: 1656945

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 8.0 7.7 11.5

