

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085859.D
 Acq On : 29 Mar 2016 20:04
 Operator : UM/SJ
 Sample : H1979-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC1

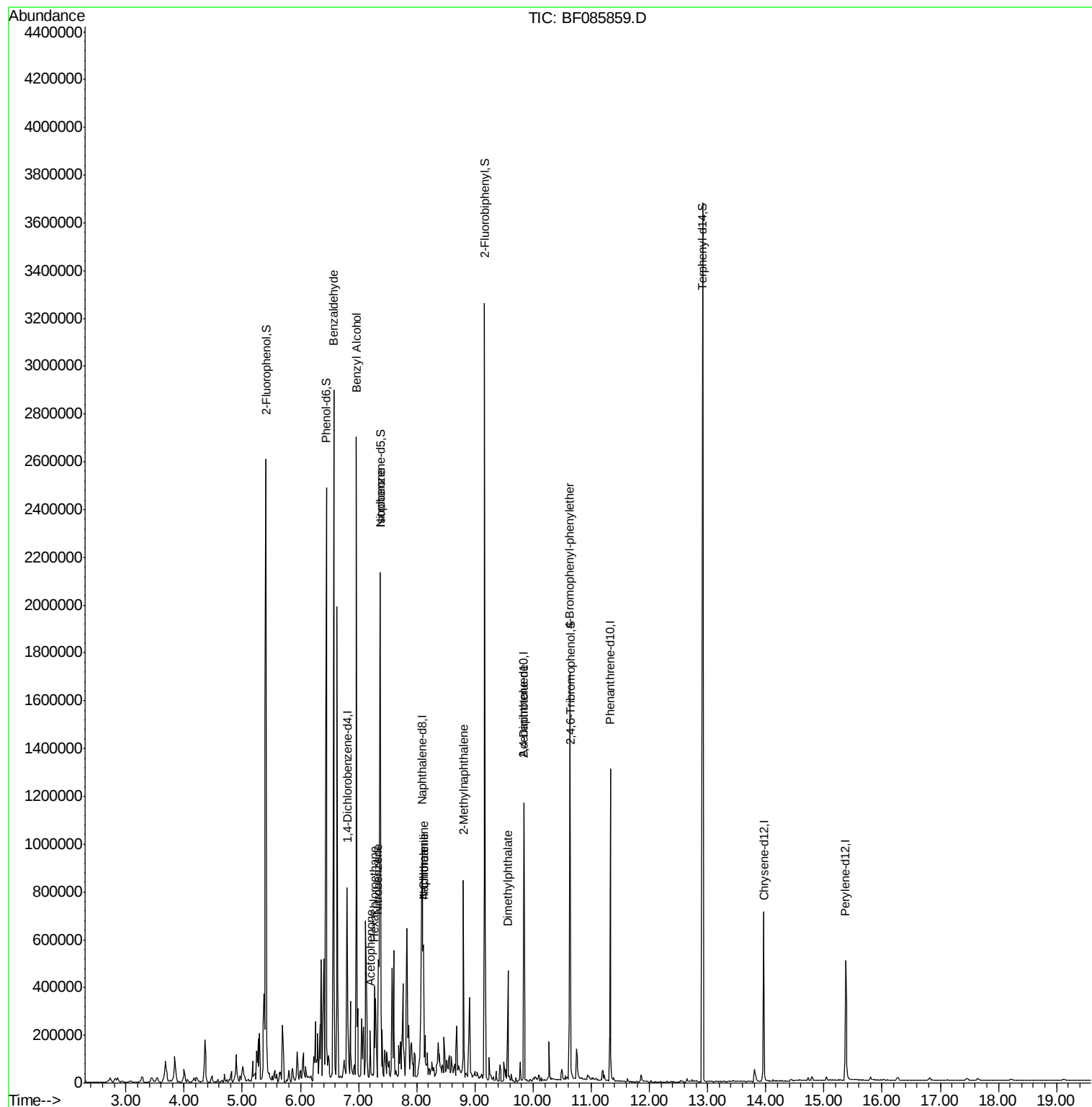
Quant Time: Mar 29 23:52:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

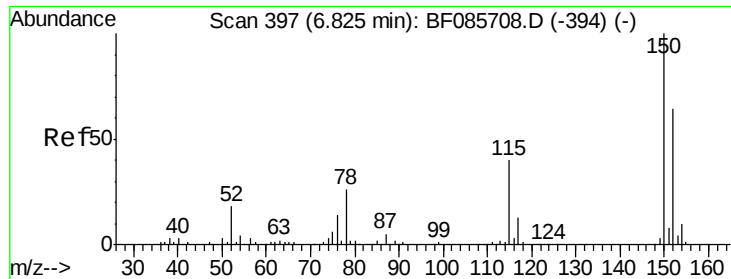
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	117385	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	478419	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	218441	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	439046	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	329972	20.00	ng	-0.01
86) Perylene-d12	15.37	264	241510	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	931703	132.19	ng	0.00
7) Phenol-d6	6.45	99	1109301	123.78	ng	-0.01
23) Nitrobenzene-d5	7.37	82	700999	82.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	322763	155.52	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1108510	84.78	ng	-0.02
78) Terphenyl-d14	12.92	244	1217604	75.89	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.57	77	19595	3.63	ng	Qvalue 84
15) Benzyl Alcohol	6.96	79	13951	2.33	ng	# 47
18) Hexachloroethane	7.27	117	23063	7.04	ng	# 1
22) Acetophenone	7.20	105	51162	4.59	ng	# 52
24) Nitrobenzene	7.34	77	27035	3.09	ng	# 18
25) Isophorone	7.37	82	522508	31.93	ng	# 68
31) Naphthalene	8.12	128	258818	10.74	ng	99
33) 4-Chloroaniline	8.12	127	39752	4.04	ng	# 39
37) 2-Methylnaphthalene	8.80	142	217310	12.57	ng	98
49) Dimethylphthalate	9.57	163	200391	12.09	ng	98
56) 2,4-Dinitrotoluene	9.84	165	28346	6.25	ng	# 37
66) 4-Bromophenyl-phenylether	10.63	248	19406	4.32	ng	# 1

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

Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF085859.D

Acq: 29 Mar 2016 20:04

Instrument :

BNA_F

ClientSampleId :

WC1

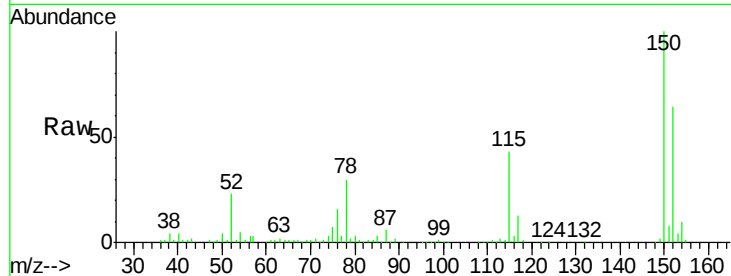
Tgt Ion:152 Resp: 117385

Ion Ratio Lower Upper

152 100

150 157.1 124.2 186.2

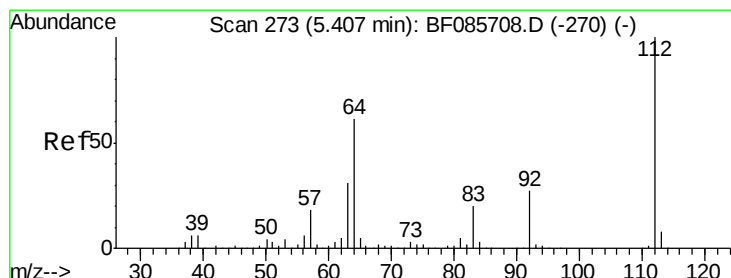
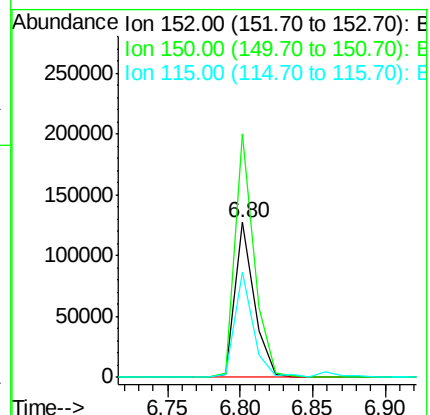
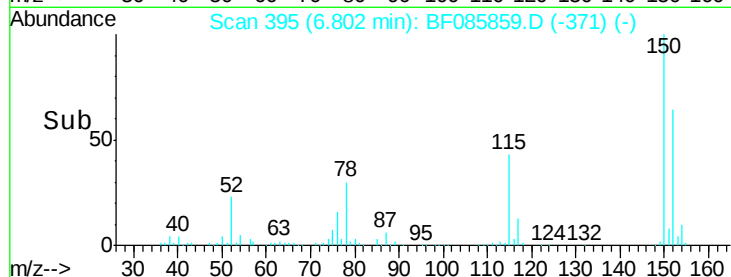
115 68.2 47.0 70.6



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



#5

2-Fluorophenol

Concen: 132.19 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085859.D

Acq: 29 Mar 2016 20:04

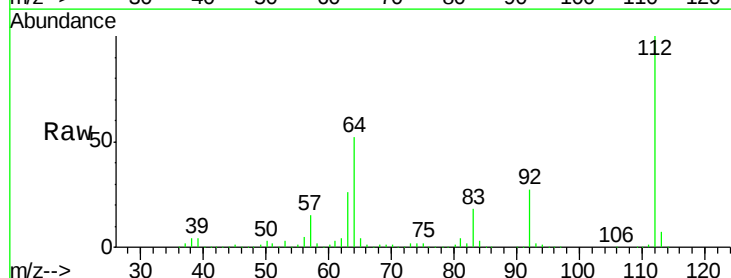
Tgt Ion:112 Resp: 931703

Ion Ratio Lower Upper

112 100

64 51.7 39.9 59.9

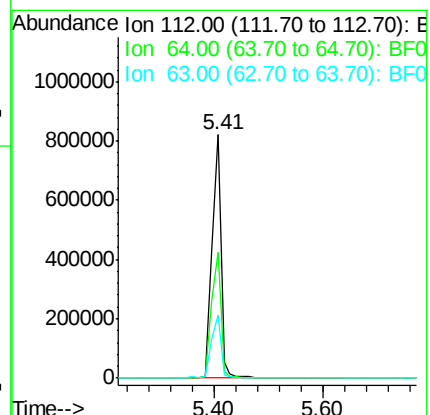
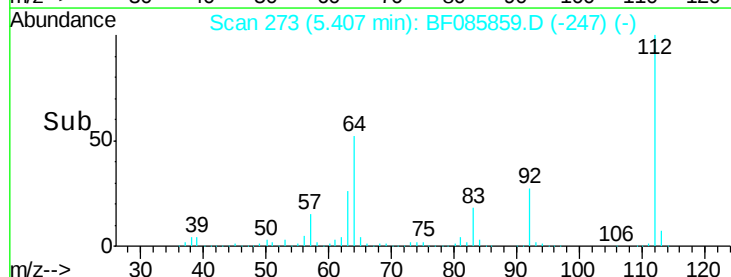
63 26.1 20.2 30.2



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





#7

Phenol-d6

Concen: 123.78 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085859.D

Acq: 29 Mar 2016 20:04

Instrument :

BNA_F

ClientSampleId :

WC1

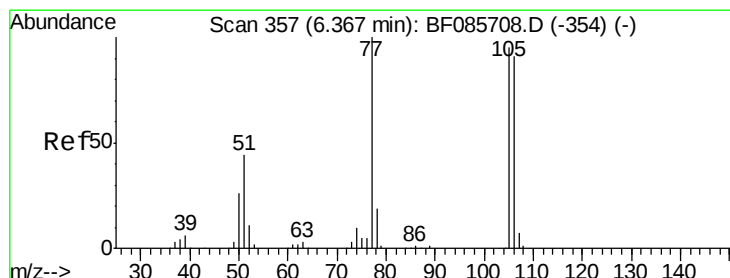
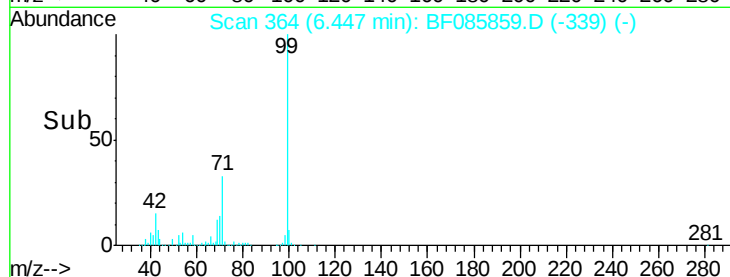
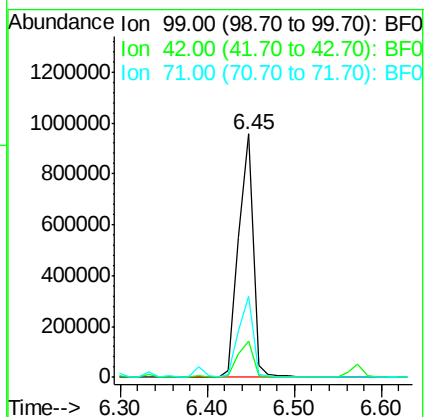
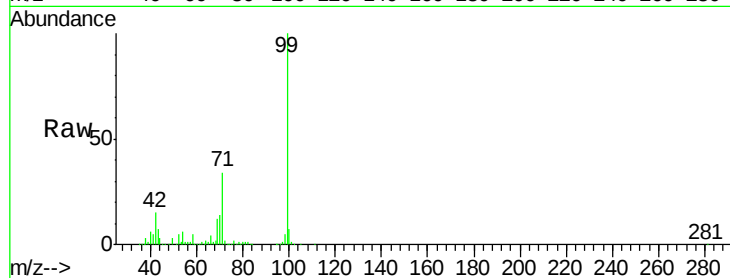
Tgt Ion: 99 Resp: 1109301

Ion Ratio Lower Upper

99 100

42 15.1 11.1 16.7

71 33.6 24.9 37.3



#9

Benzaldehyde

Concen: 3.63 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.21 min

Lab File: BF085859.D

Acq: 29 Mar 2016 20:04

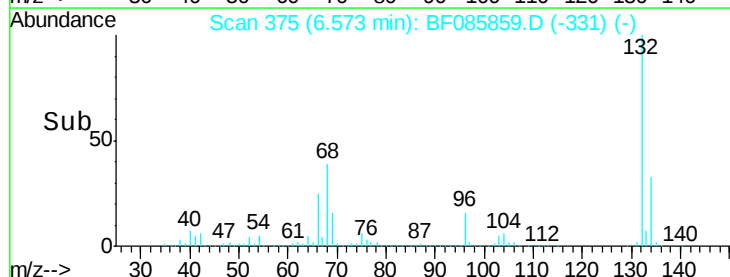
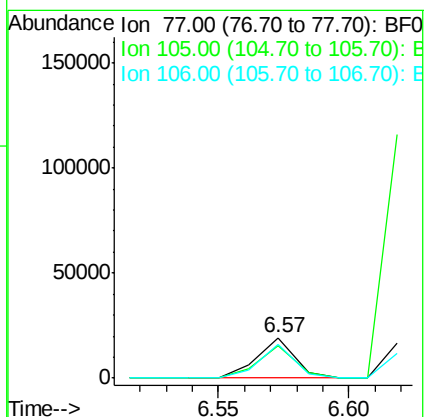
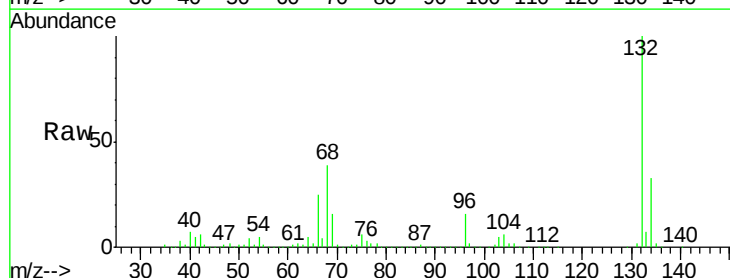
Tgt Ion: 77 Resp: 19595

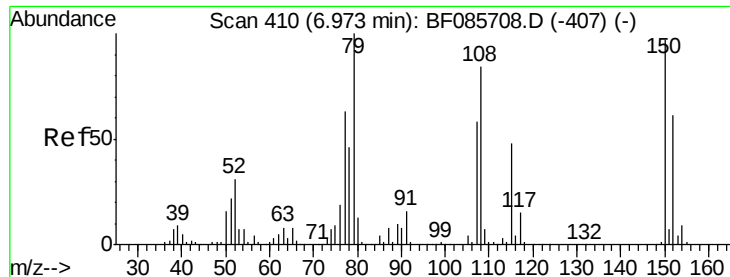
Ion Ratio Lower Upper

77 100

105 80.8 80.1 120.1

106 81.9 75.0 115.0





#15

Benzyl Alcohol

Concen: 2.33 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF085859.D

Acq: 29 Mar 2016 20:04

Instrument :

BNA_F

ClientSampleId :

WC1

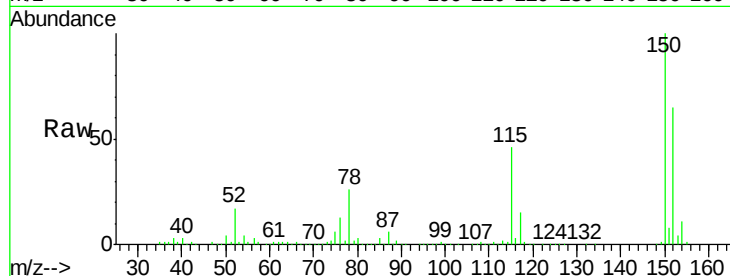
Tgt Ion: 79 Resp: 13951

Ion Ratio Lower Upper

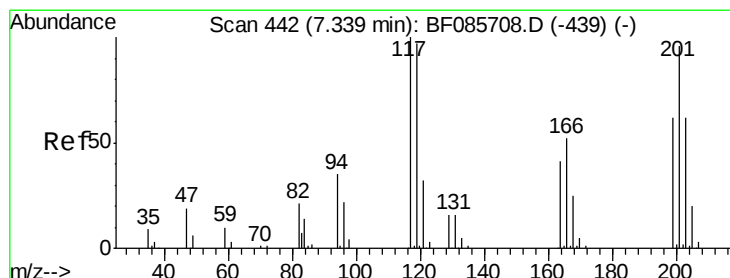
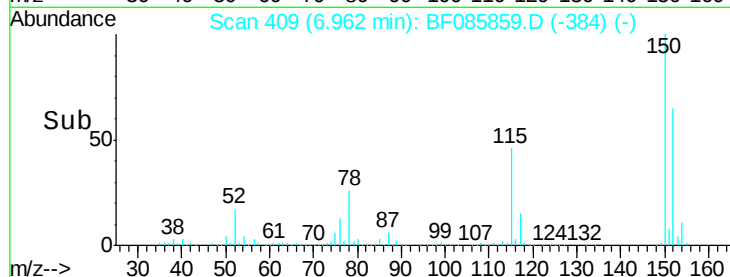
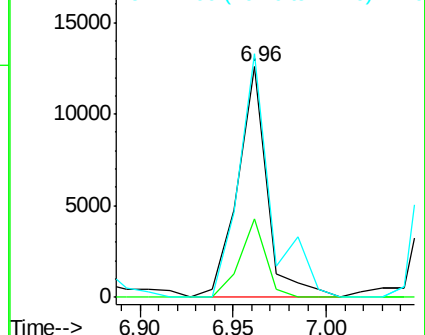
79 100

108 34.1 61.8 92.6#

77 105.7 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): B
Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 7.04 ng

RT: 7.27 min Scan# 436

Delta R.T. -0.07 min

Lab File: BF085859.D

Acq: 29 Mar 2016 20:04

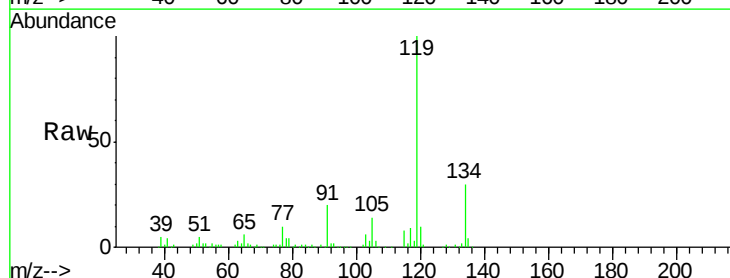
Tgt Ion: 117 Resp: 23063

Ion Ratio Lower Upper

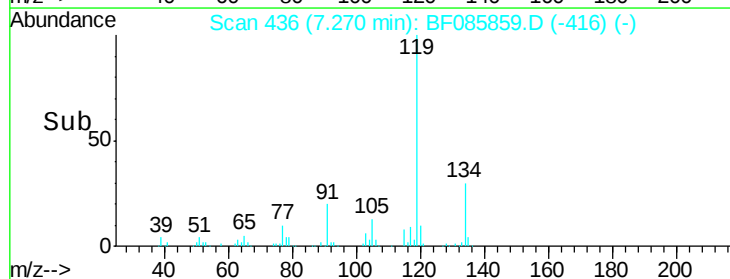
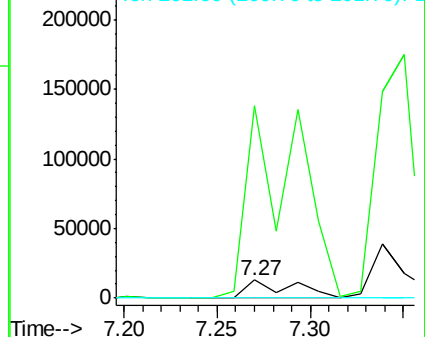
117 100

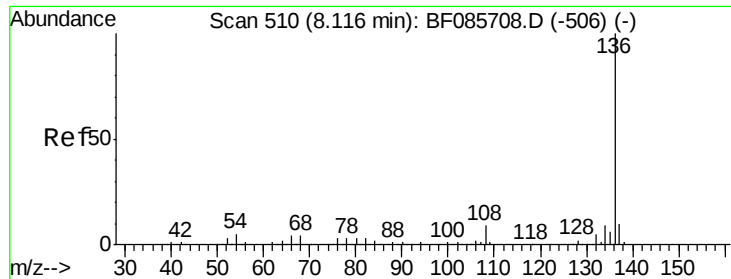
119 1076.2 76.7 115.1#

201 0.0 83.3 124.9#



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

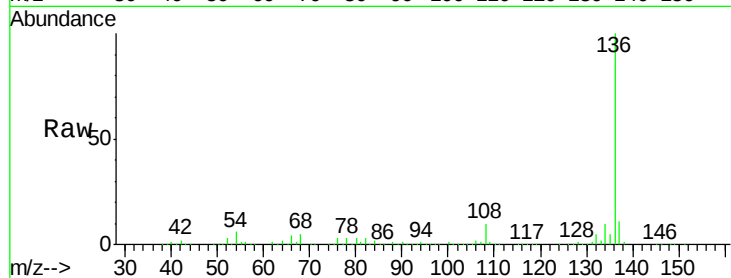




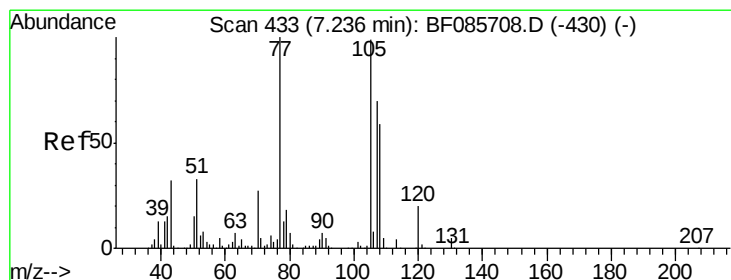
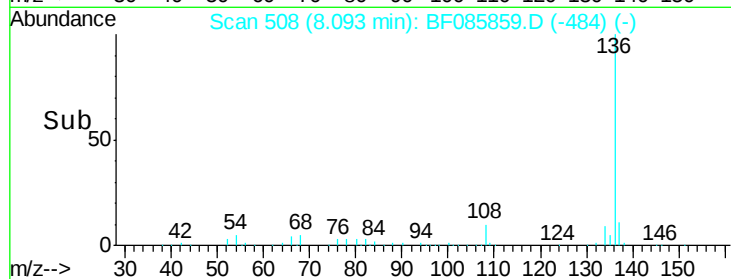
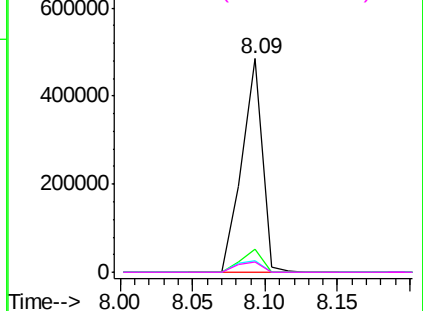
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion:	136	Resp:	478419
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.6	7.4	11.0#
68	4.7	5.8	8.8#

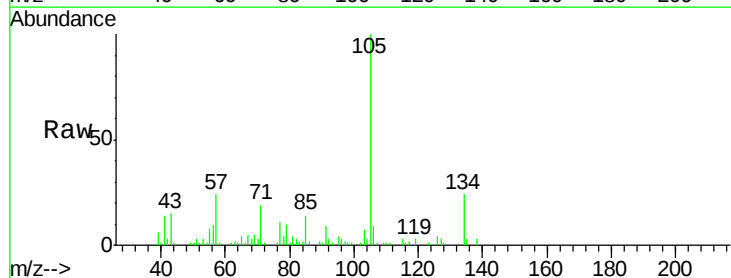


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

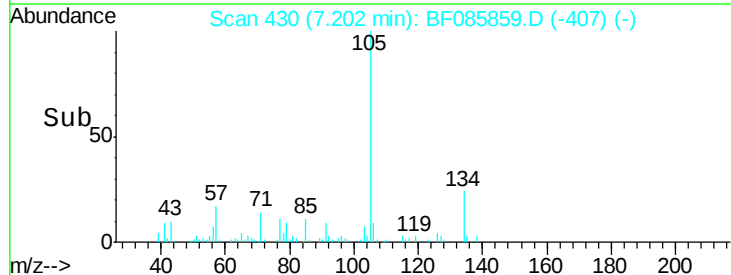
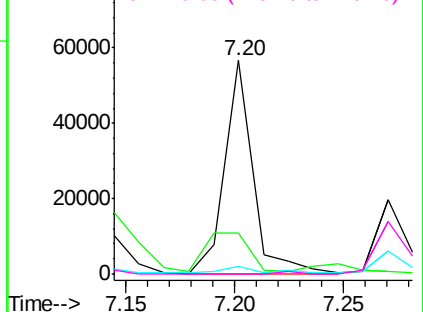


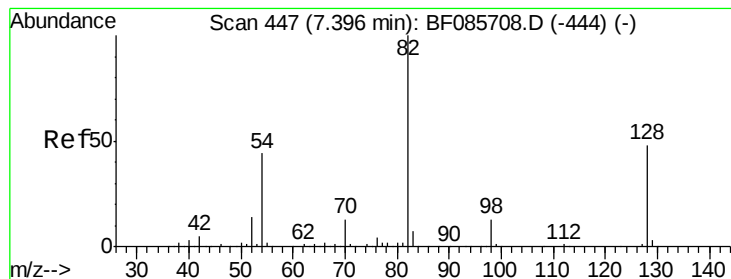
#22
Acetophenone
Concen: 4.59 ng
RT: 7.20 min Scan# 430
Delta R.T. -0.03 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Tgt Ion:	105	Resp:	51162
Ion	Ratio	Lower	Upper
105	100		
71	19.0	3.6	5.4#
51	3.5	25.4	38.0#
120	0.0	16.9	25.3#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.51 ng

RT: 7.37 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF085859.D

Acq: 29 Mar 2016 20:04

Instrument :

BNA_F

ClientSampleId :

WC1

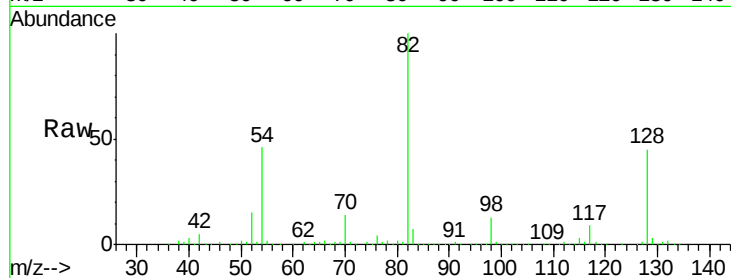
Tgt Ion: 82 Resp: 700999

Ion Ratio Lower Upper

82 100

128 45.5 41.8 62.8

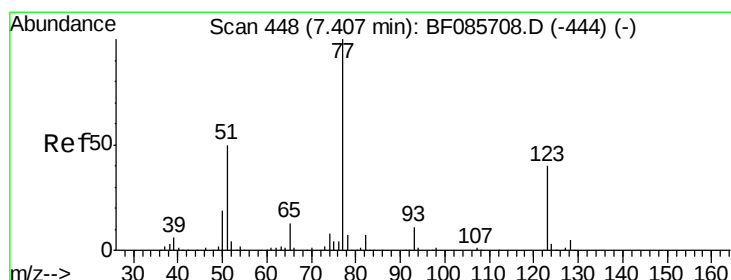
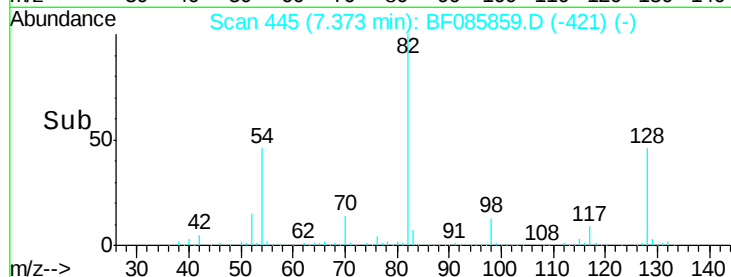
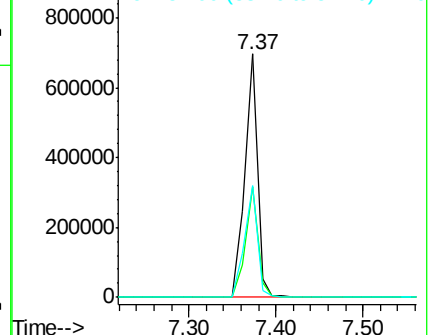
54 45.8 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 3.09 ng

RT: 7.34 min Scan# 442

Delta R.T. -0.07 min

Lab File: BF085859.D

Acq: 29 Mar 2016 20:04

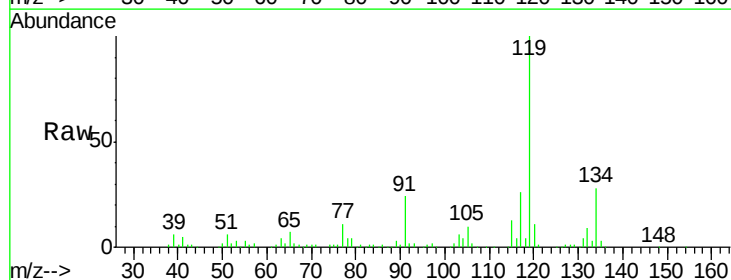
Tgt Ion: 77 Resp: 27035

Ion Ratio Lower Upper

77 100

123 0.0 35.0 52.4#

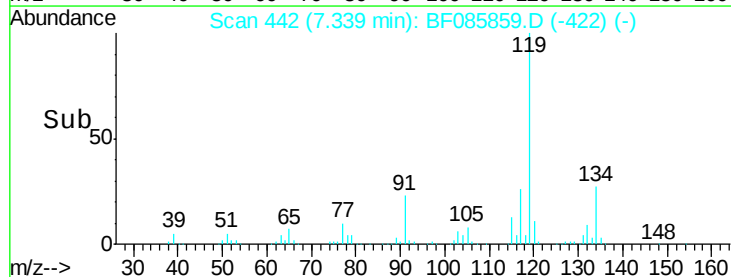
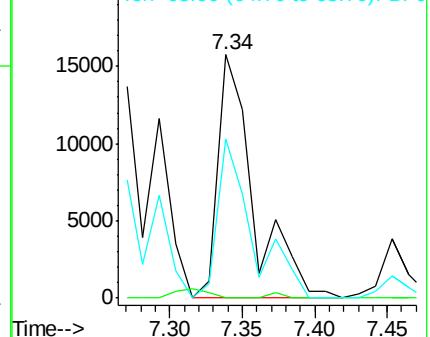
65 65.5 10.6 16.0#

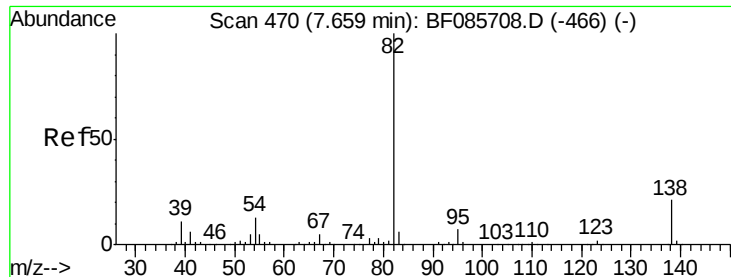


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

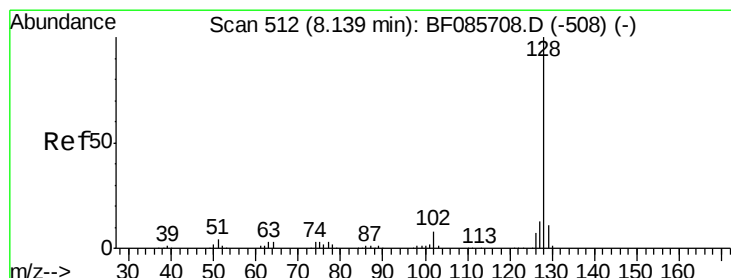
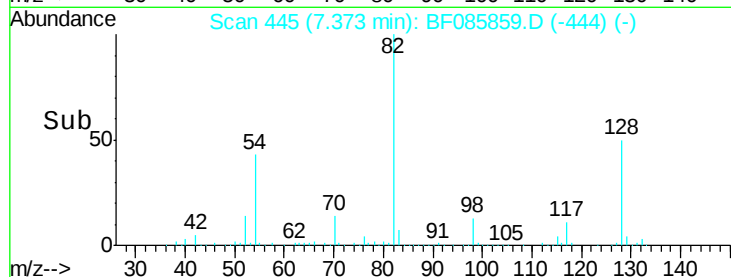
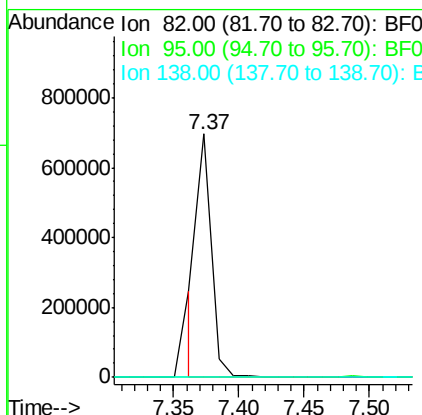
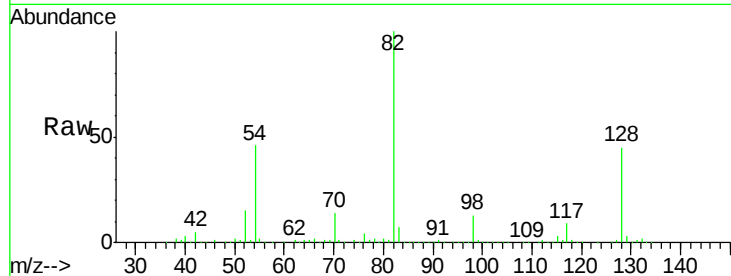




#25
Isophorone
Concen: 31.93 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.29 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

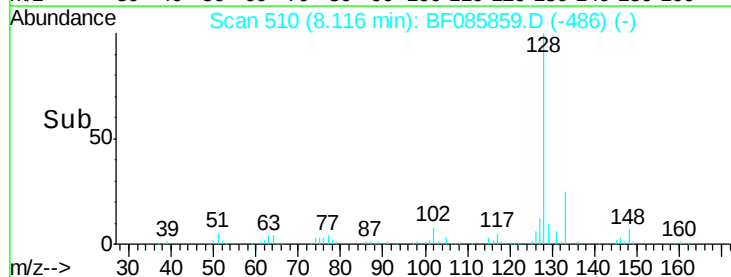
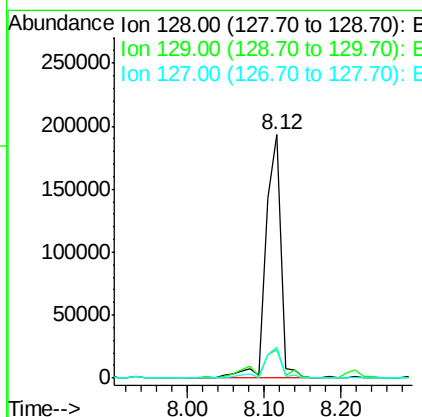
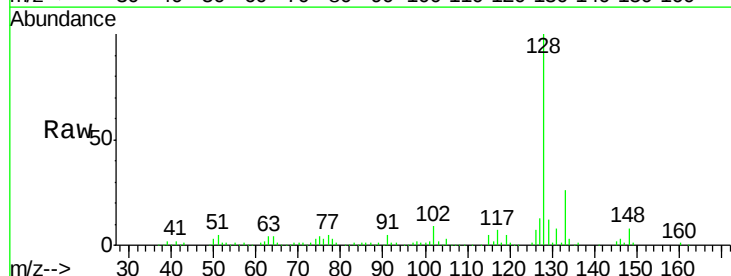
Instrument :
BNA_F
ClientSampleId :
WC1

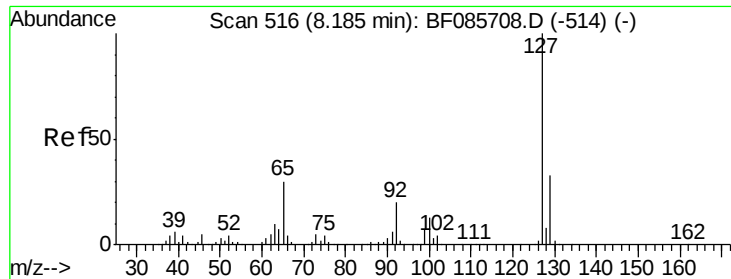
Tgt Ion: 82 Resp: 522508
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 12.9 19.3#



#31
Naphthalene
Concen: 10.74 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Tgt Ion: 128 Resp: 258818
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.0 11.0 16.6

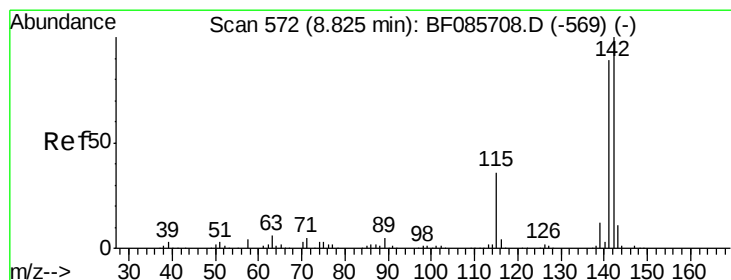
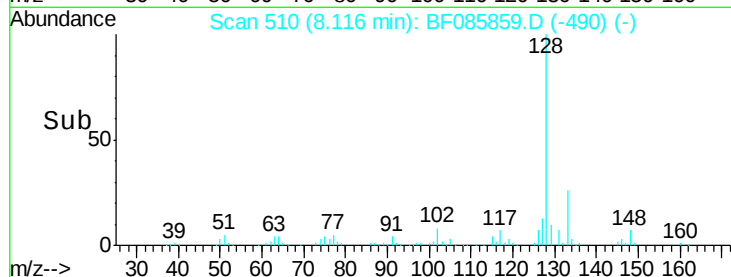
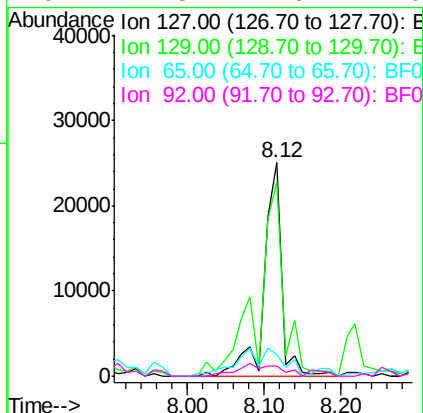
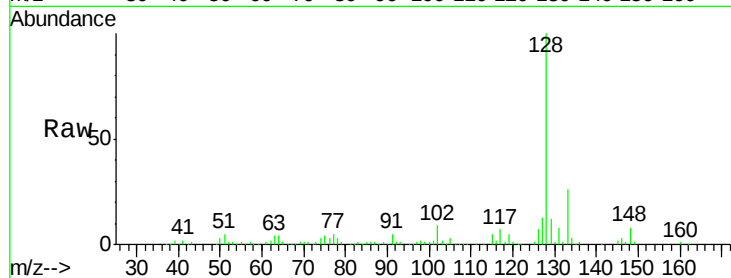




#33
4-Chloroaniline
Concen: 4.04 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.07 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

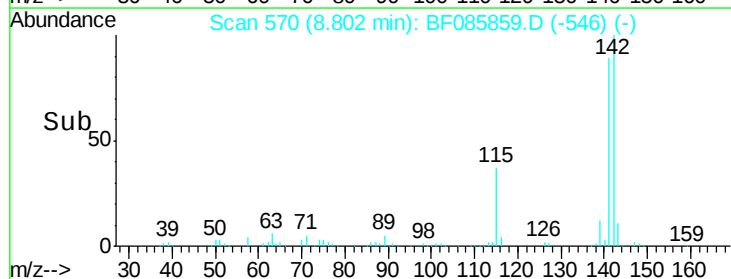
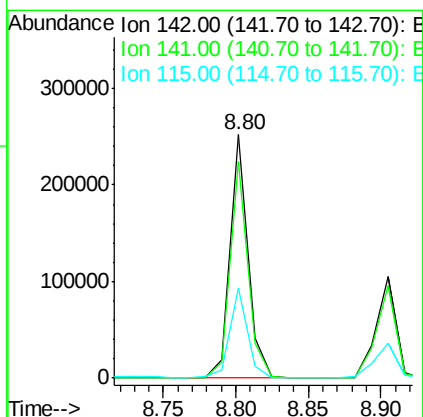
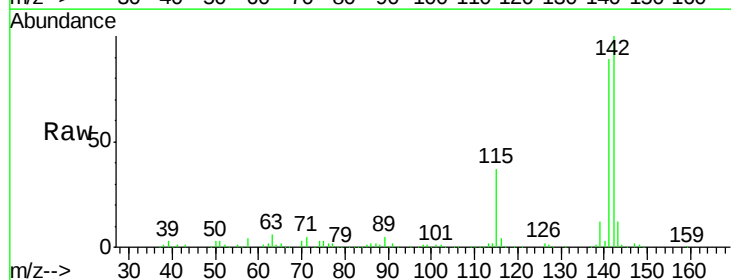
Instrument :
BNA_F
ClientSampleId :
WC1

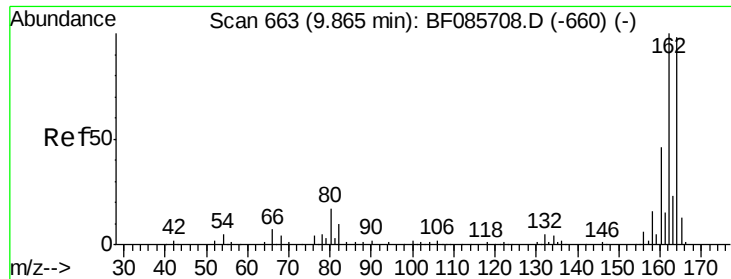
Tgt Ion:	127	Resp:	39752
Ion	Ratio	Lower	Upper
127	100		
129	90.9	26.1	39.1#
65	10.3	19.5	29.3#
92	4.8	14.6	22.0#



#37
2-Methylnaphthalene
Concen: 12.57 ng
RT: 8.80 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Tgt Ion:	142	Resp:	217310
Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.6	107.4
115	37.2	26.8	40.2

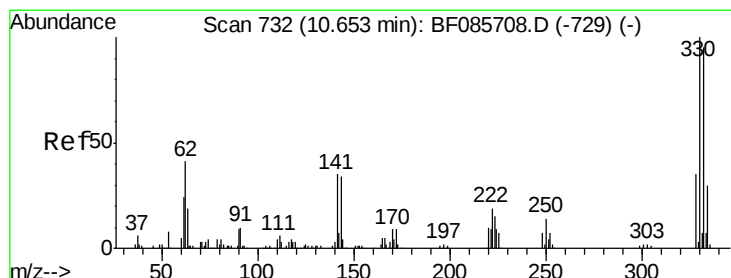
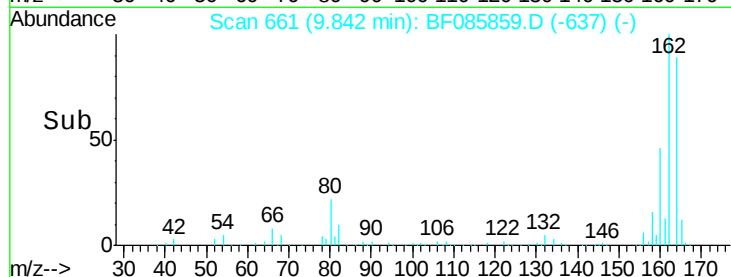
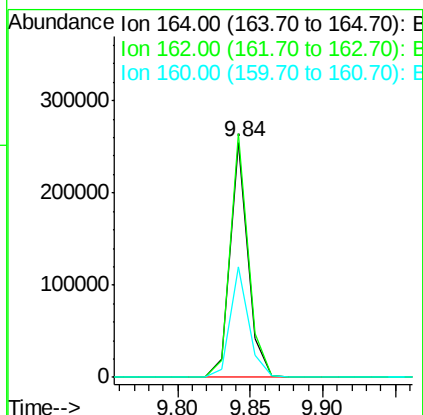
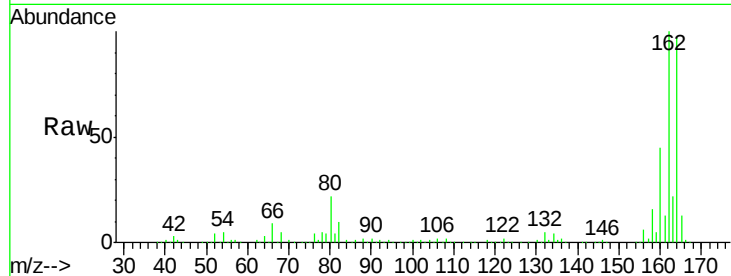




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF085859.D
 Acq: 29 Mar 2016 20:04

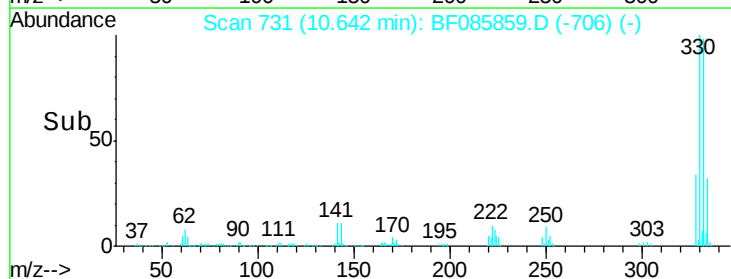
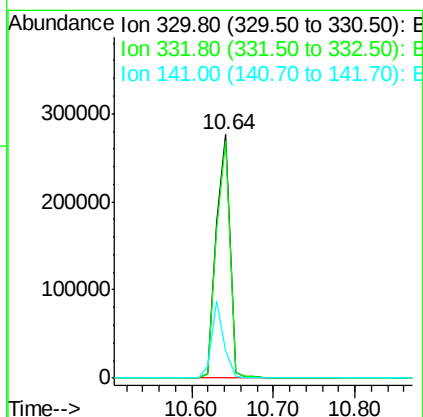
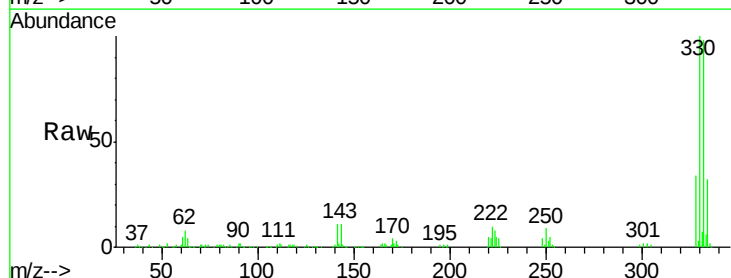
Instrument :
 BNA_F
 ClientSampleId :
 WC1

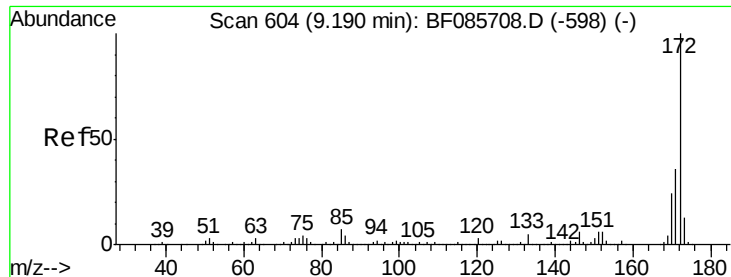
Tgt Ion:164 Resp: 218441
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.1 123.1
 160 47.1 37.4 56.2



#41
 2,4,6-Tribromophenol
 Concen: 155.52 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085859.D
 Acq: 29 Mar 2016 20:04

Tgt Ion:330 Resp: 322763
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 29.4 31.5 47.3#

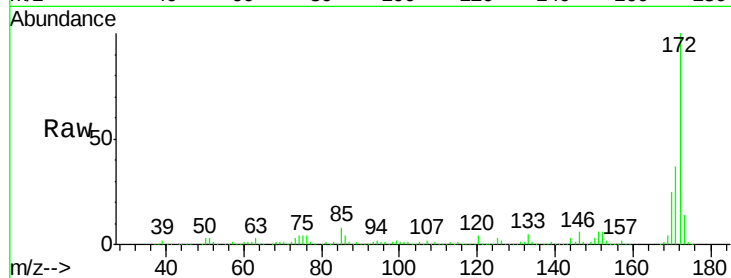




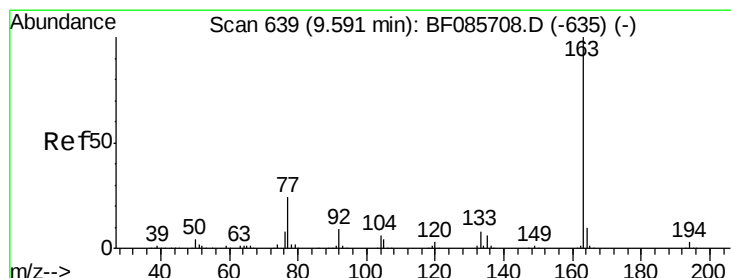
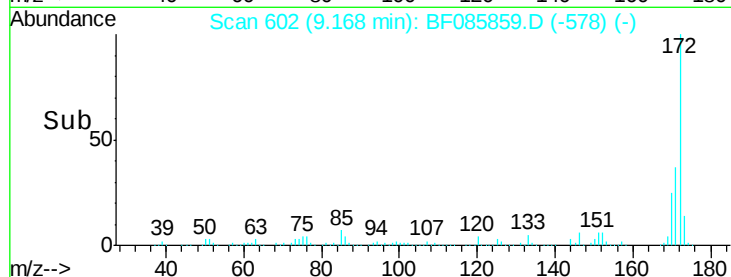
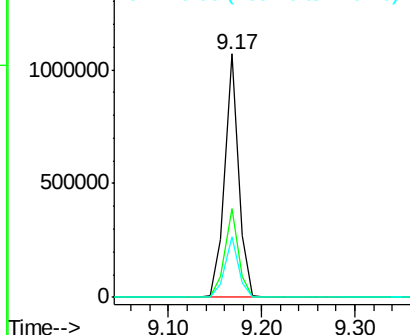
#44
2-Fluorobiphenyl
Concen: 84.78 ng
RT: 9.17 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Instrument :
BNA_F
ClientSampled :
WC1

Tgt Ion:172 Resp: 1108510
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.2
170 24.7 19.8 29.6

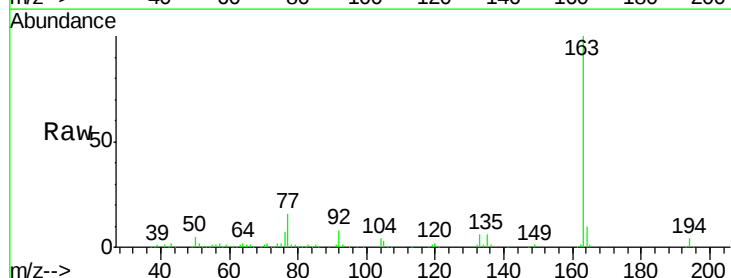


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

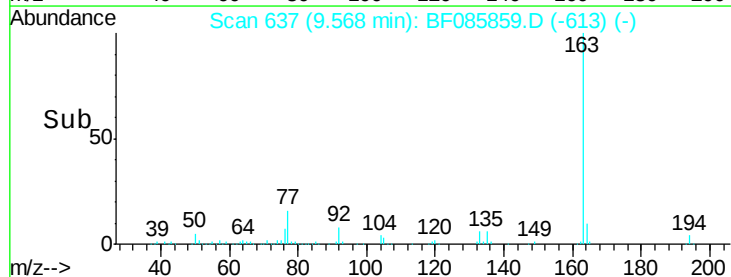
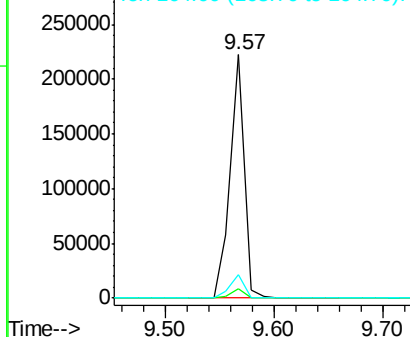


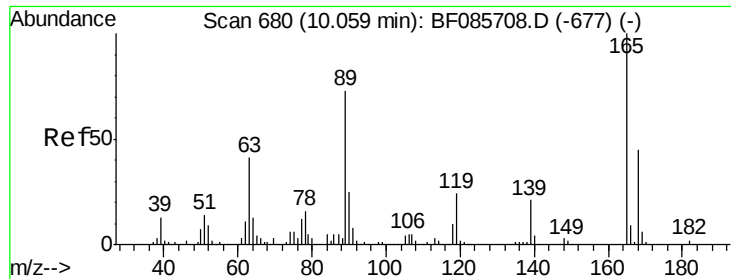
#49
Dimethylphthalate
Concen: 12.09 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Tgt Ion:163 Resp: 200391
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 9.6 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





#56

2,4-Dinitrotoluene

Concen: 6.25 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.22 min

Lab File: BF085859.D

Acq: 29 Mar 2016 20:04

Instrument :

BNA_F

ClientSampleId :

WC1

Tgt Ion:165 Resp: 28346

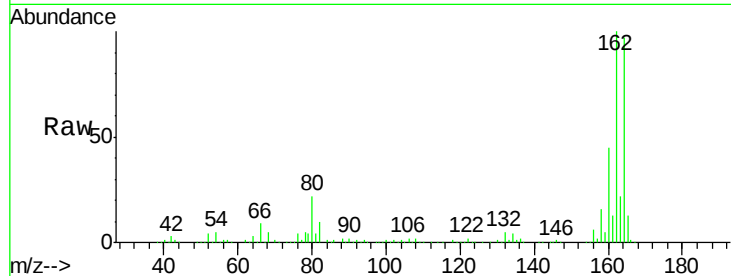
Ion Ratio Lower Upper

165 100

63 1.1 24.9 37.3#

89 1.4 41.0 61.6#

182 0.0 2.1 3.1#

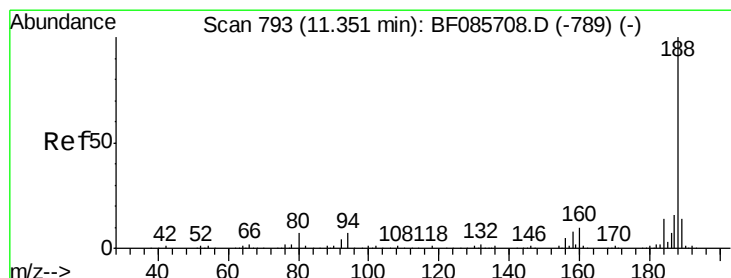
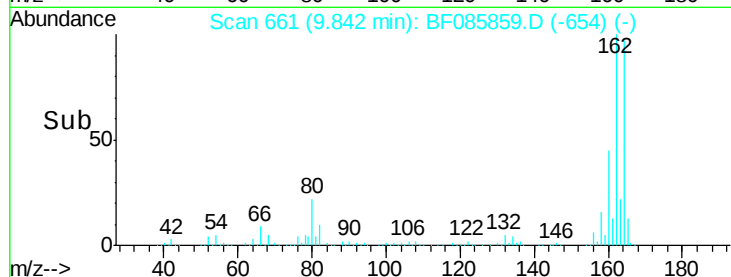
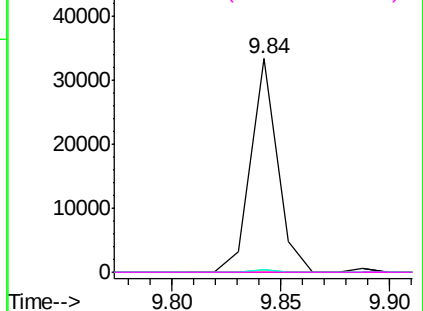


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF085859.D

Acq: 29 Mar 2016 20:04

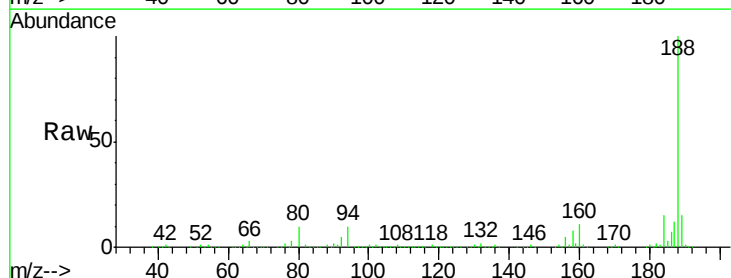
Tgt Ion:188 Resp: 439046

Ion Ratio Lower Upper

188 100

94 9.7 5.4 8.0#

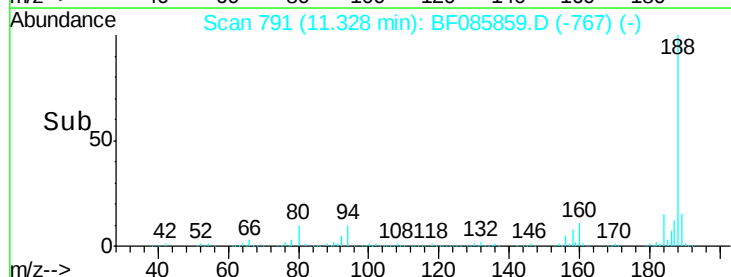
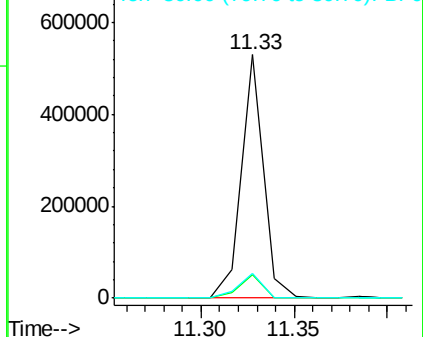
80 10.1 5.5 8.3#

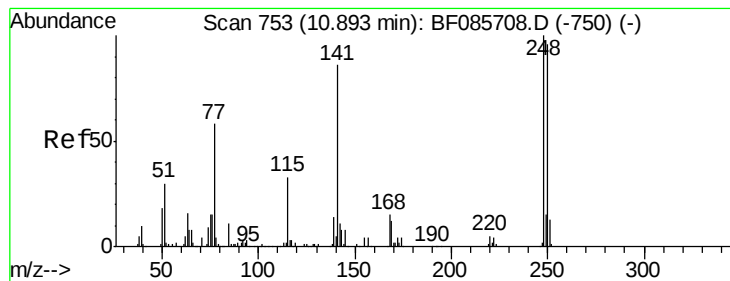


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.32 ng

RT: 10.63 min Scan# 730

Delta R.T. -0.26 min

Lab File: BF085859.D

Acq: 29 Mar 2016 20:04

Instrument :

BNA_F

ClientSampleId :

WC1

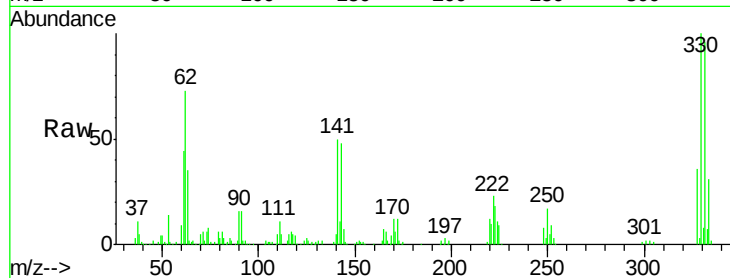
Tgt Ion:248 Resp: 19406

Ion Ratio Lower Upper

248 100

250 201.2 77.4 116.0#

141 593.3 63.6 95.4#

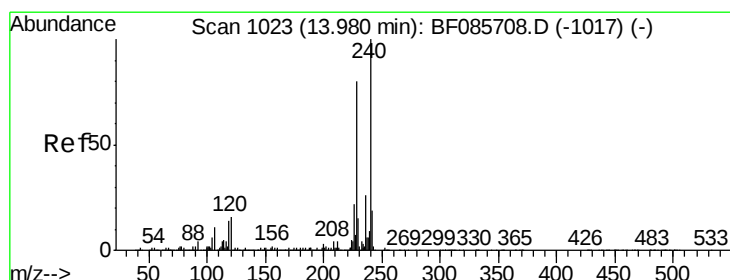
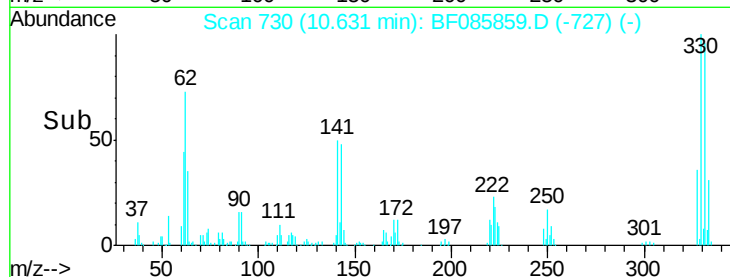
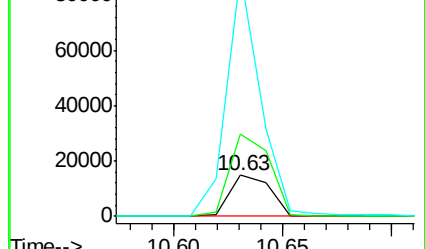


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085859.D

Acq: 29 Mar 2016 20:04

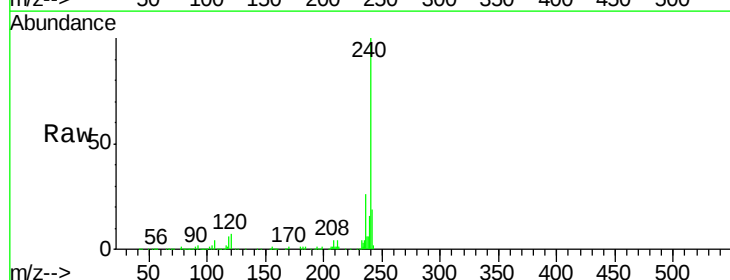
Tgt Ion:240 Resp: 329972

Ion Ratio Lower Upper

240 100

120 7.2 13.8 20.8#

236 26.1 20.6 30.8

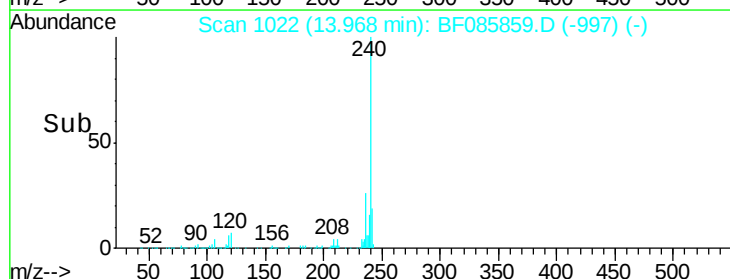
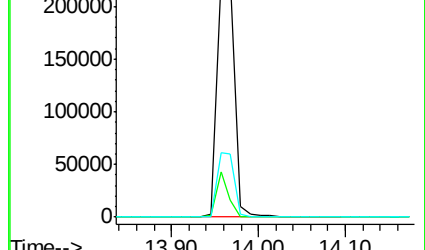


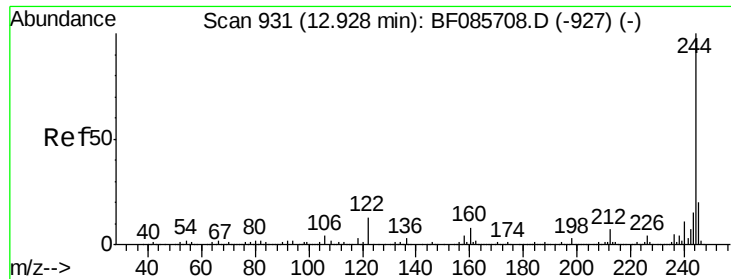
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->

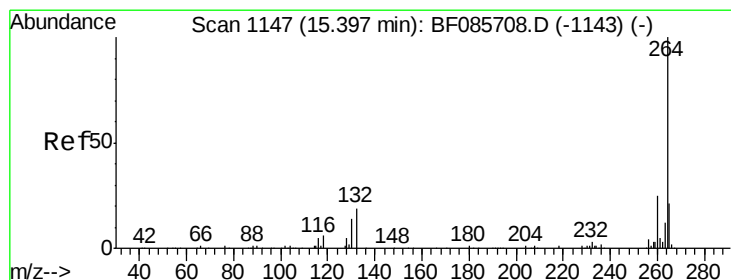
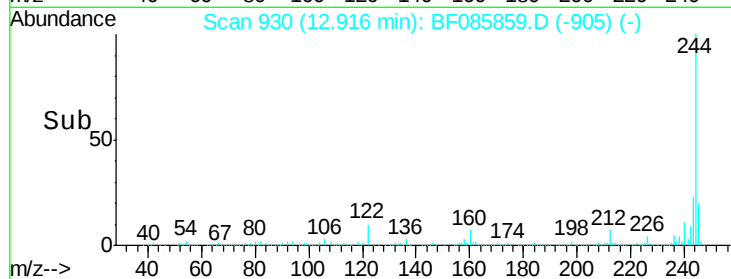
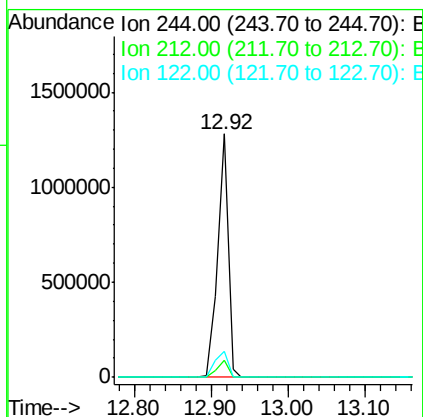
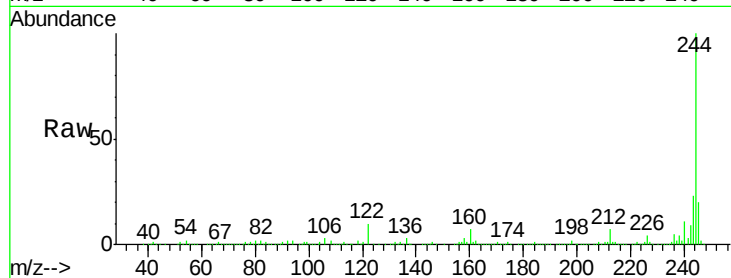




#78
 Terphenyl-d14
 Concen: 75.89 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF085859.D
 Acq: 29 Mar 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 WC1

Tgt Ion:244 Resp: 1217604
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.5 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF085859.D
 Acq: 29 Mar 2016 20:04

Tgt Ion:264 Resp: 241510
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.8 17.2 25.8

