

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085914.D
 Acq On : 31 Mar 2016 6:17
 Operator : UM/SJ
 Sample : H2012-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032416-P2EB-F-U-B

Quant Time: Mar 31 05:41:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

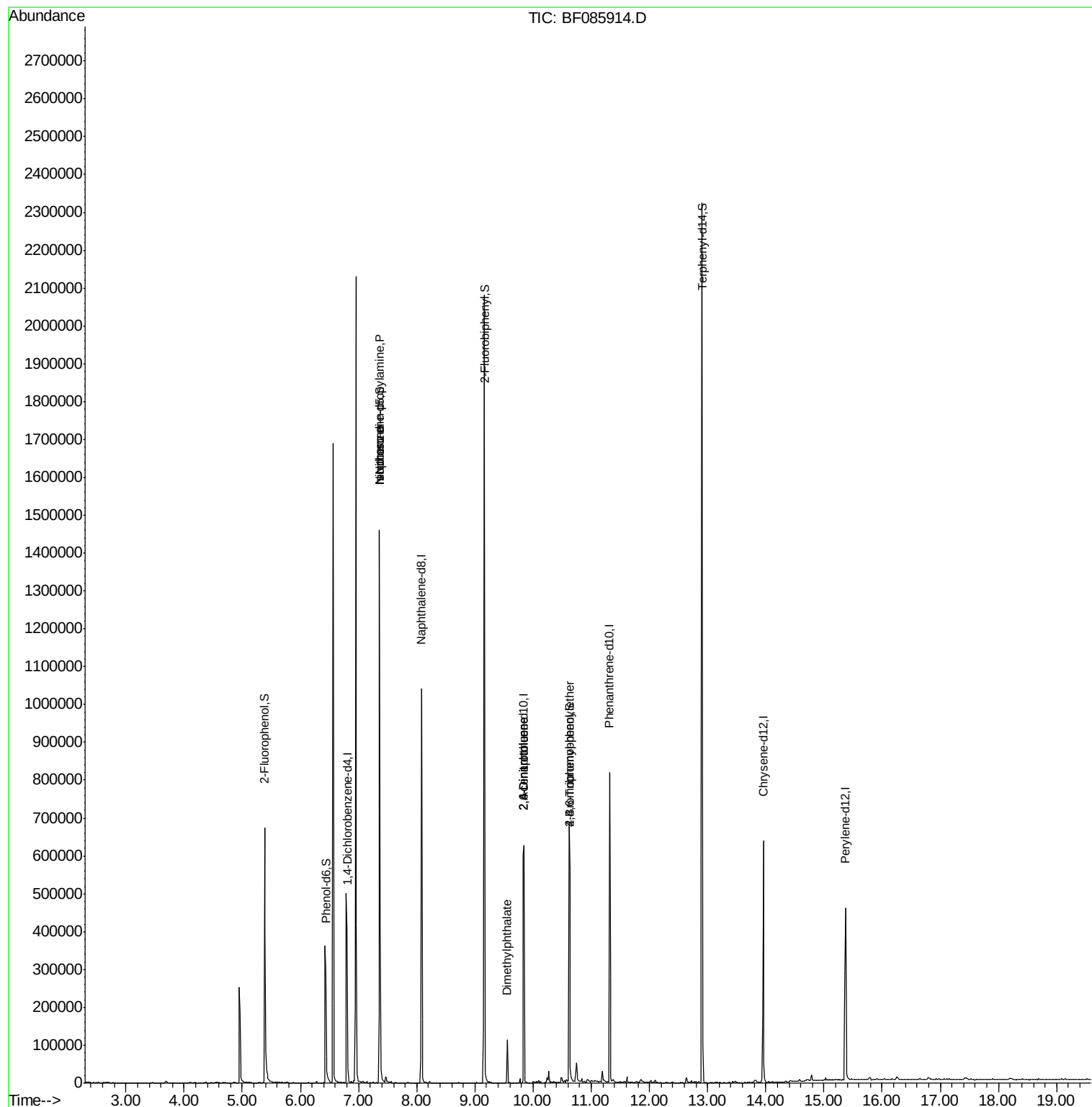
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	108619	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	451499	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	186113	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	311225	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	224369	20.00	ng	-0.01
86) Perylene-d12	15.37	264	219341	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	265776	40.75	ng	-0.01
7) Phenol-d6	6.44	99	213007	25.69	ng	-0.01
23) Nitrobenzene-d5	7.36	82	526197	65.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	112131	63.41	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	961105	86.28	ng	0.00
78) Terphenyl-d14	12.90	244	689488	63.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	67971	13.69	ng	# 79
25) Isophorone	7.36	82	483811	31.33	ng	# 68
49) Dimethylphthalate	9.56	163	45318	3.21	ng	99
50) 2,6-Dinitrotoluene	9.83	165	23279	7.66	ng	# 18
56) 2,4-Dinitrotoluene	9.83	165	23279	6.03	ng	# 37
66) 4-Bromophenyl-phenylether	10.63	248	7414	2.33	ng	# 1

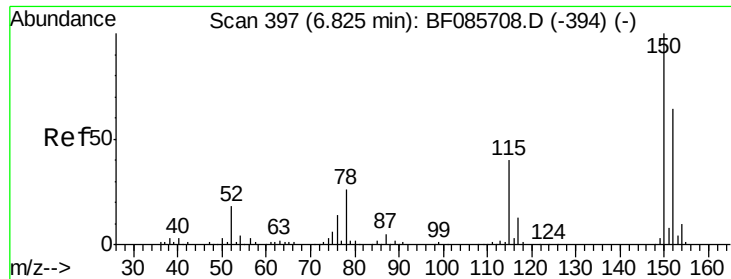
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 30 12:31:18 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF085914.D

Acq: 31 Mar 2016 6:17

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-U-B

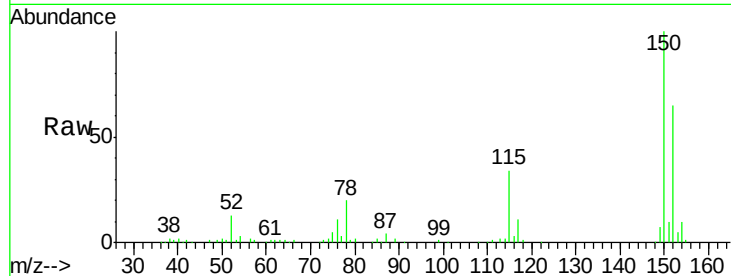
Tgt Ion:152 Resp: 108619

Ion Ratio Lower Upper

152 100

150 153.0 124.2 186.2

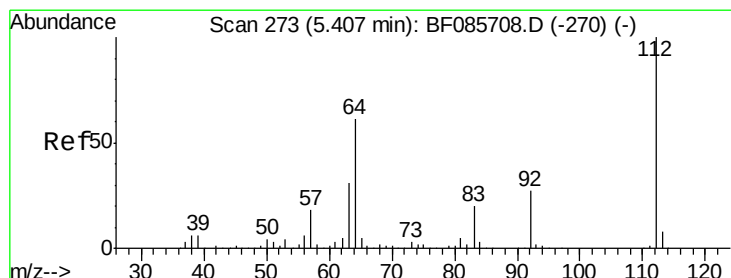
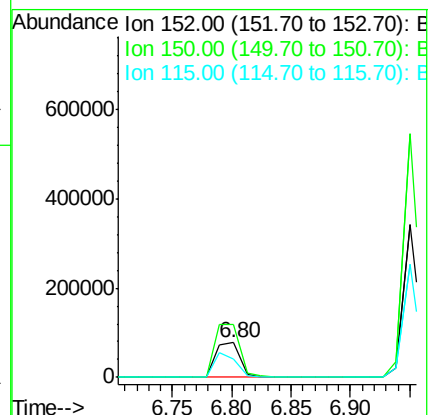
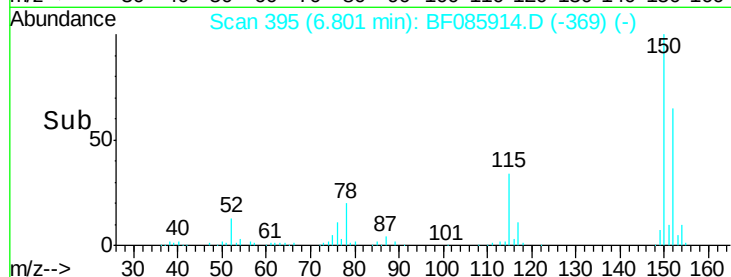
115 52.5 47.0 70.6



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: 40.75 ng

RT: 5.38 min Scan# 271

Delta R.T. -0.01 min

Lab File: BF085914.D

Acq: 31 Mar 2016 6:17

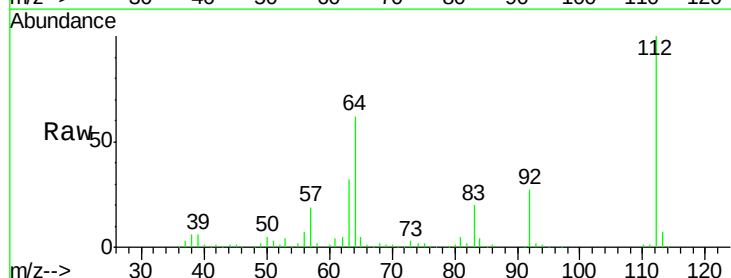
Tgt Ion:112 Resp: 265776

Ion Ratio Lower Upper

112 100

64 62.5 39.9 59.9#

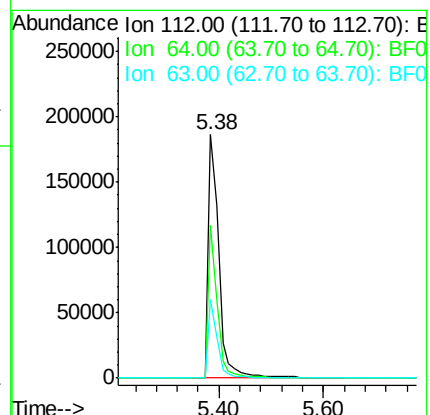
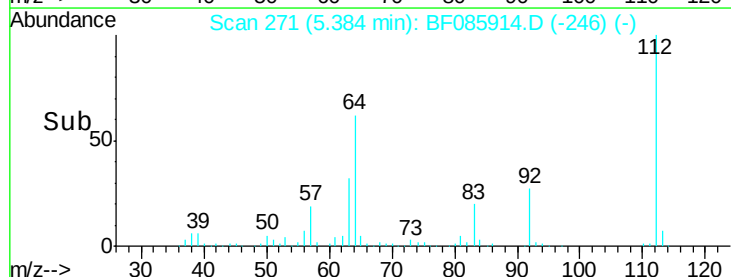
63 32.5 20.2 30.2#

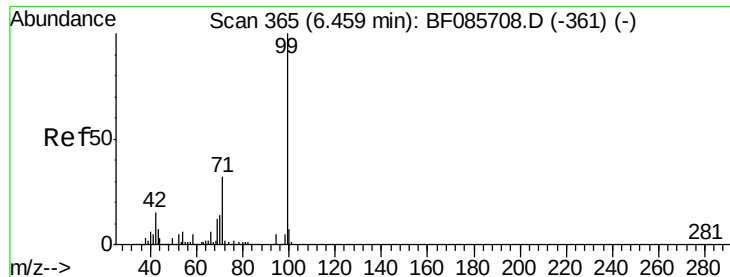


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.69 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085914.D

Acq: 31 Mar 2016 6:17

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-U-B

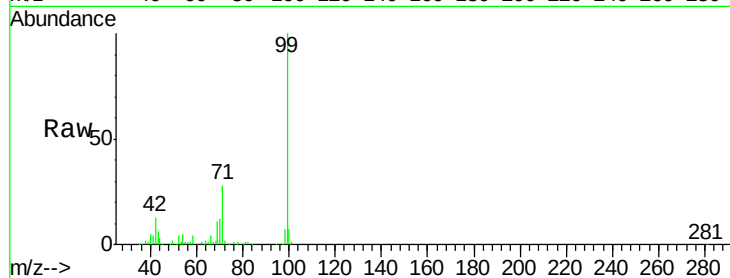
Tgt Ion: 99 Resp: 213007

Ion Ratio Lower Upper

99 100

42 12.5 11.1 16.7

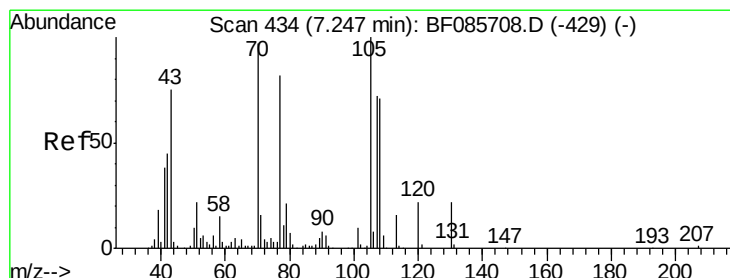
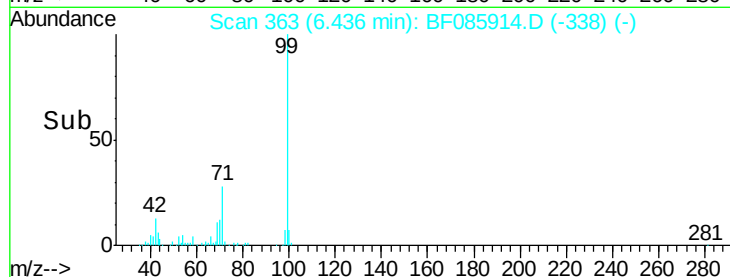
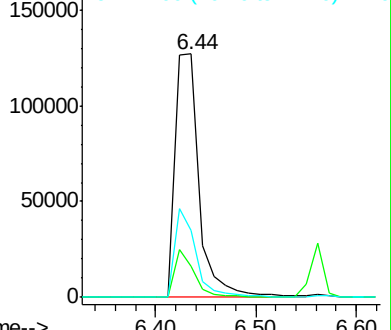
71 27.7 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.69 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085914.D

Acq: 31 Mar 2016 6:17

Tgt Ion: 70 Resp: 67971

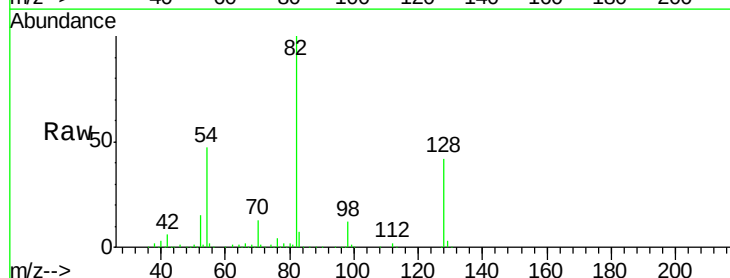
Ion Ratio Lower Upper

70 100

42 42.4 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

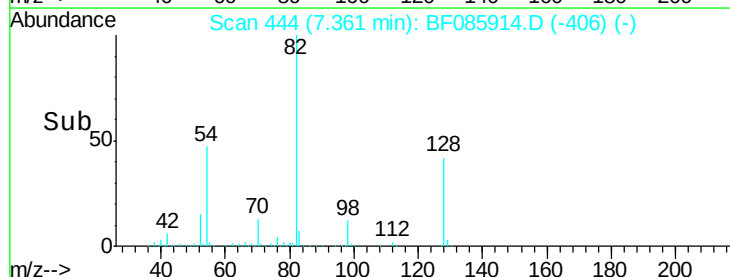
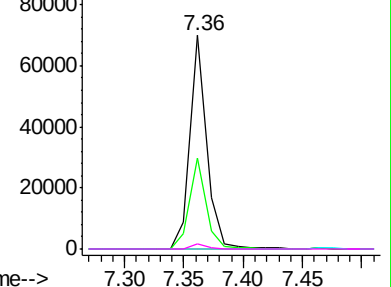


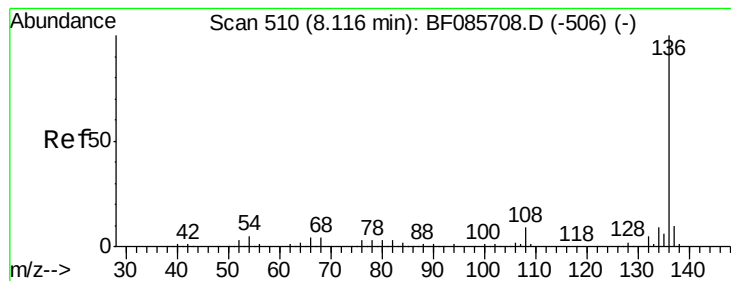
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF085914.D

Acq: 31 Mar 2016 6:17

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-U-B

Tgt Ion: 136 Resp: 451499

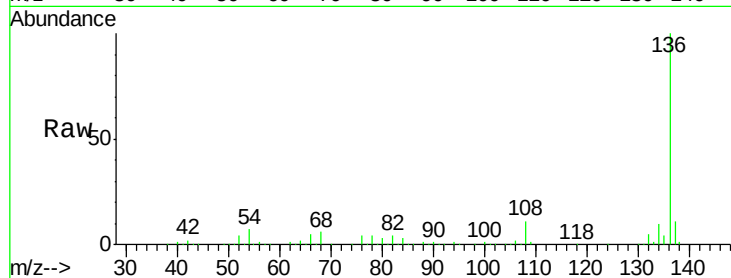
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.3 7.4 11.0#

68 6.2 5.8 8.8

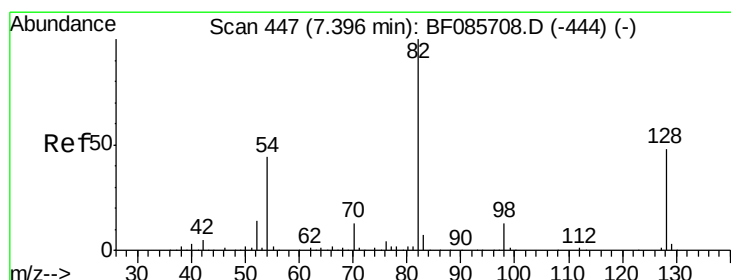
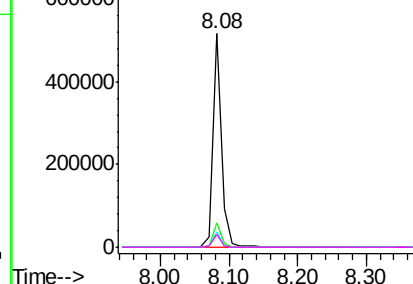
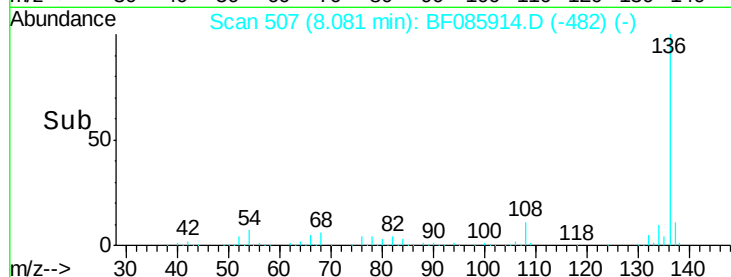


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.63 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085914.D

Acq: 31 Mar 2016 6:17

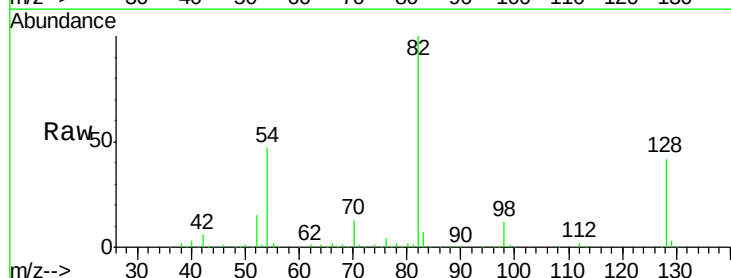
Tgt Ion: 82 Resp: 526197

Ion Ratio Lower Upper

82 100

128 42.4 41.8 62.8

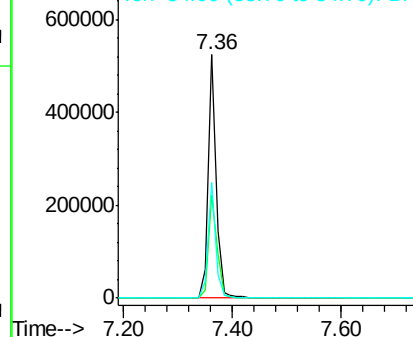
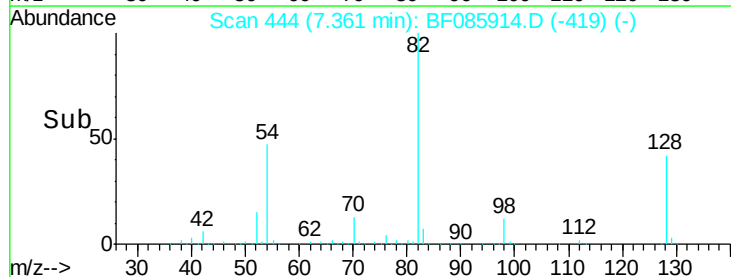
54 47.3 33.4 50.0

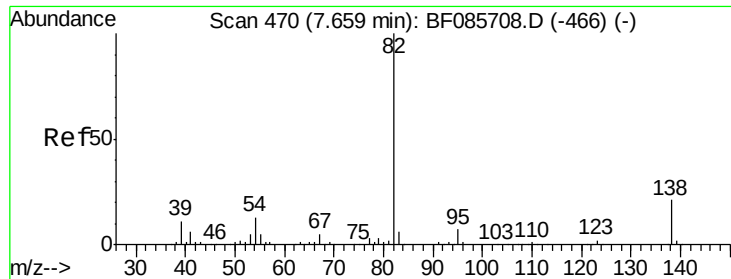


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.33 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085914.D

Acq: 31 Mar 2016 6:17

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-U-B

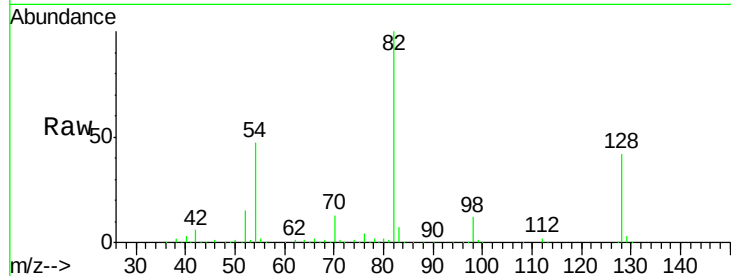
Tgt Ion: 82 Resp: 483811

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

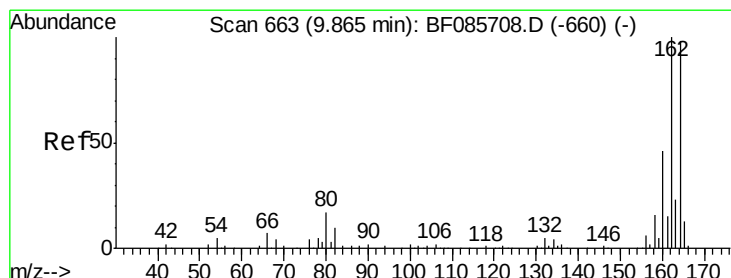
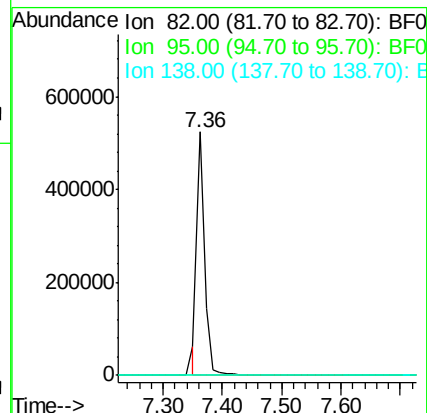
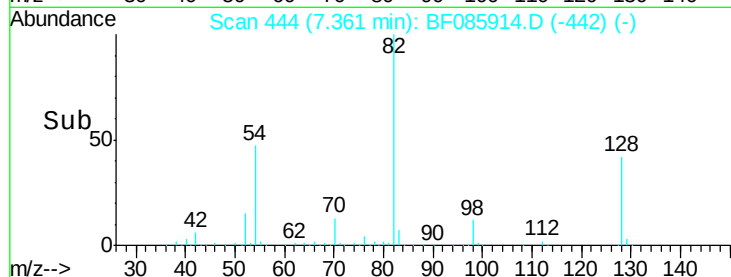
138 0.0 12.9 19.3#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF085914.D

Acq: 31 Mar 2016 6:17

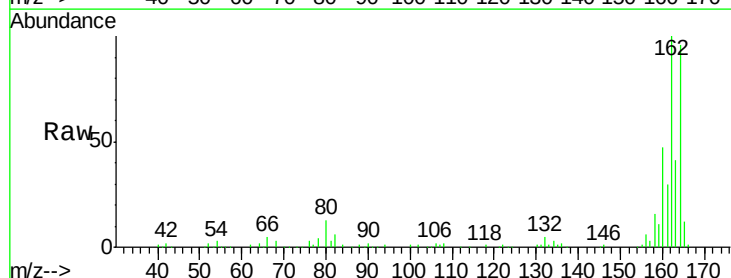
Tgt Ion: 164 Resp: 186113

Ion Ratio Lower Upper

164 100

162 104.4 82.1 123.1

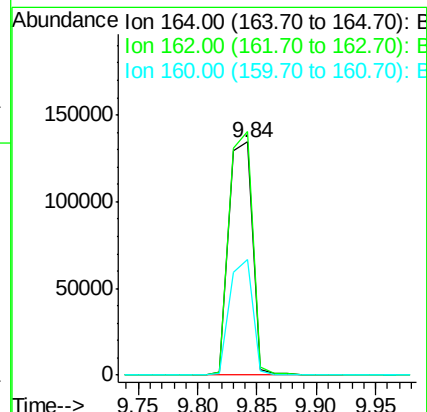
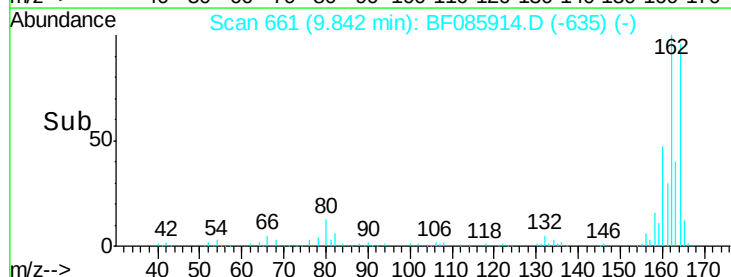
160 49.6 37.4 56.2

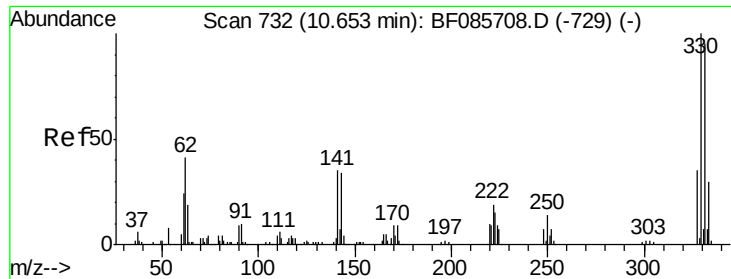


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

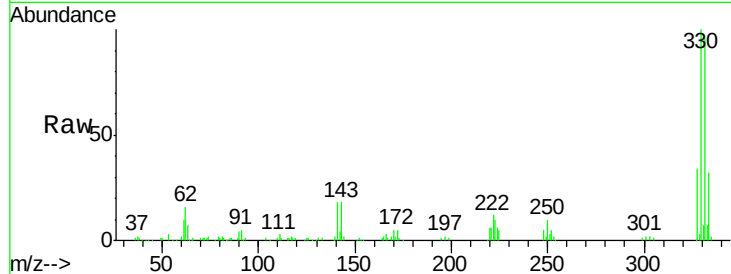




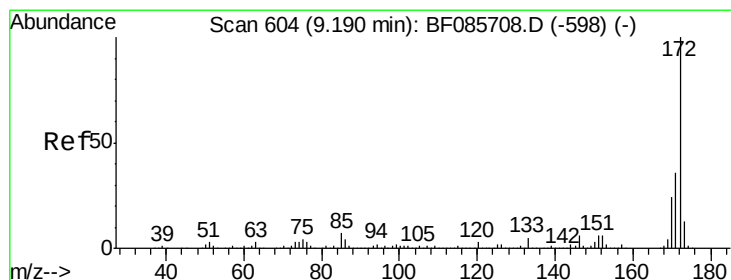
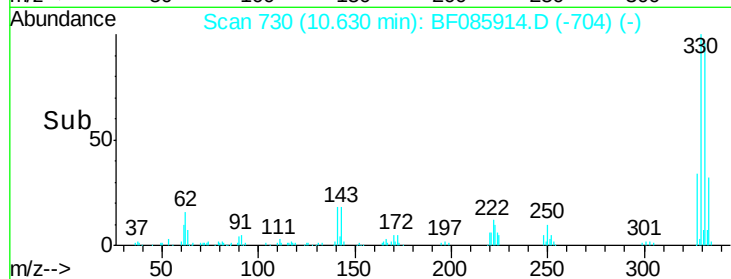
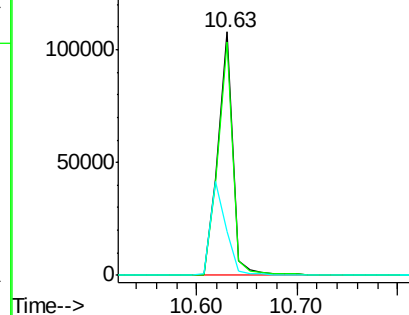
#41
 2,4,6-Tribromophenol
 Concen: 63.41 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085914.D
 Acq: 31 Mar 2016 6:17

Instrument :
 BNA_F
 ClientSampleId :
 032416-P2EB-F-U-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.2	117.2
141	40.4	31.5	47.3

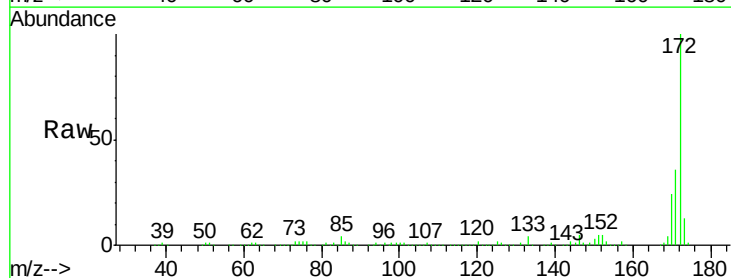


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

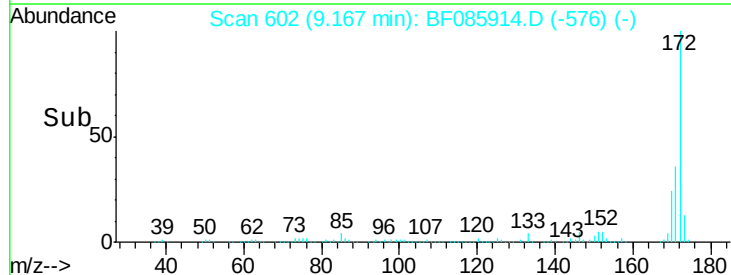
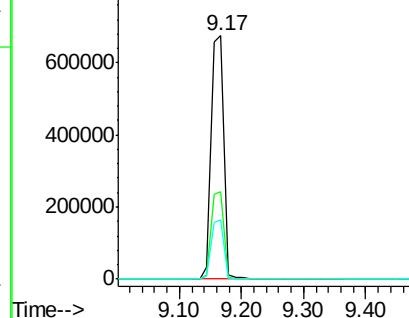


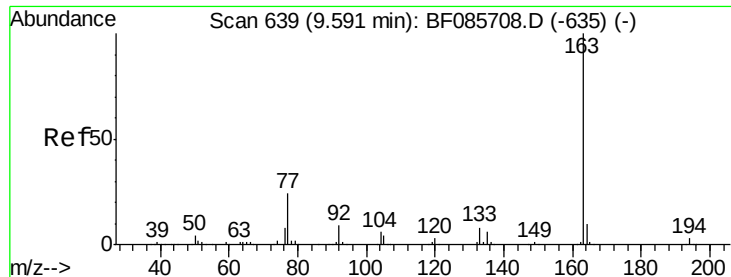
#44
 2-Fluorobiphenyl
 Concen: 86.28 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085914.D
 Acq: 31 Mar 2016 6:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.2
170	24.2	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: 3.21 ng

RT: 9.56 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF085914.D

Acq: 31 Mar 2016 6:17

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-U-B

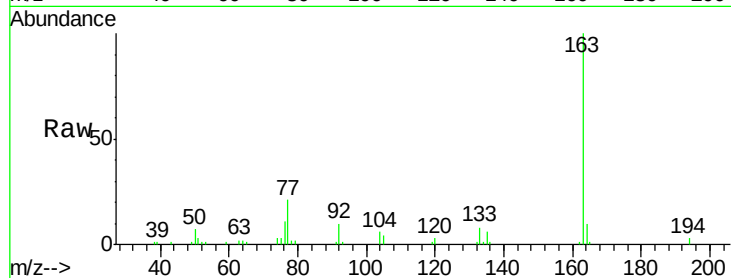
Tgt Ion:163 Resp: 45318

Ion Ratio Lower Upper

163 100

194 3.2 2.9 4.3

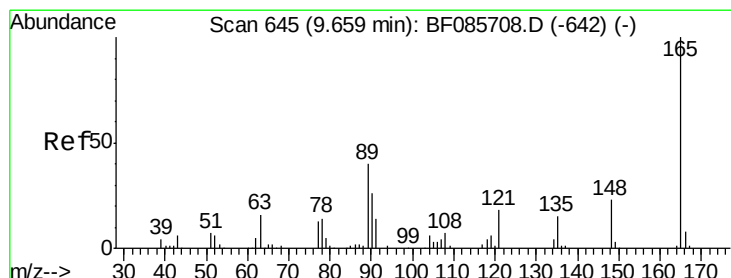
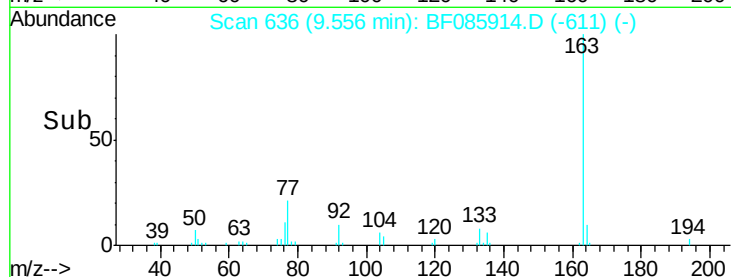
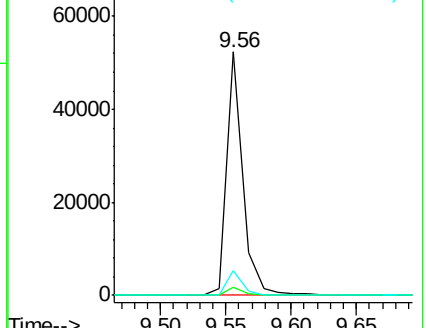
164 10.0 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 7.66 ng

RT: 9.83 min Scan# 660

Delta R.T. 0.19 min

Lab File: BF085914.D

Acq: 31 Mar 2016 6:17

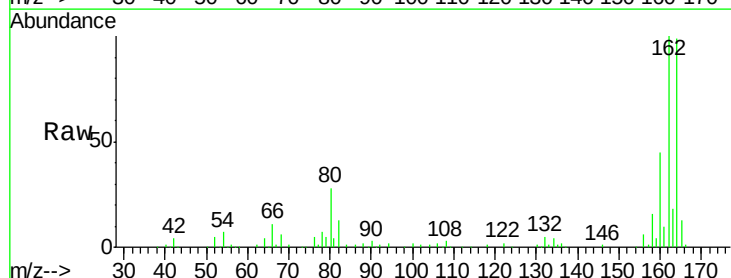
Tgt Ion:165 Resp: 23279

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.8#

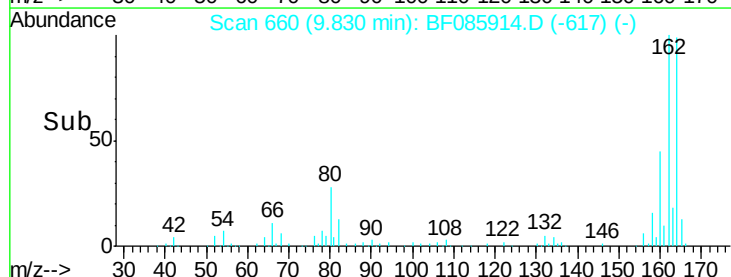
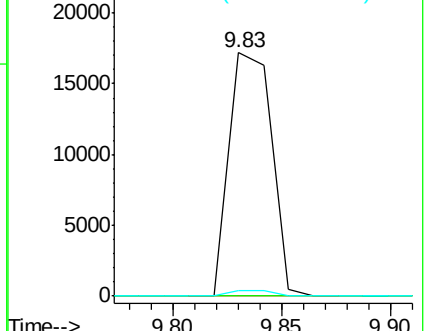
89 2.1 53.7 80.5#

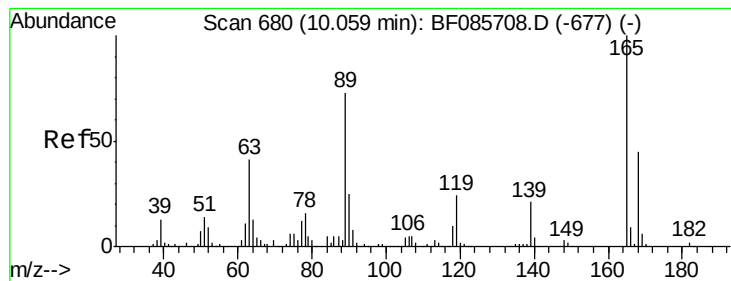


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

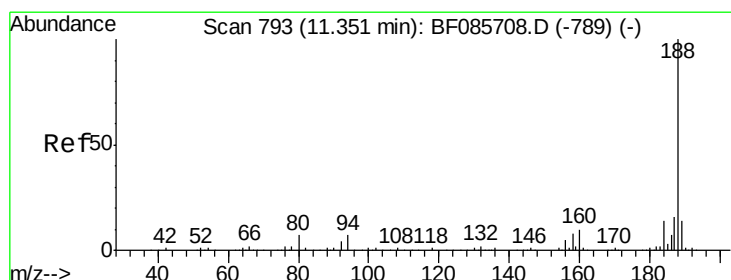
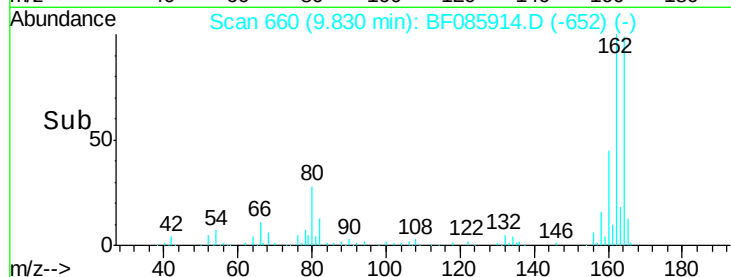
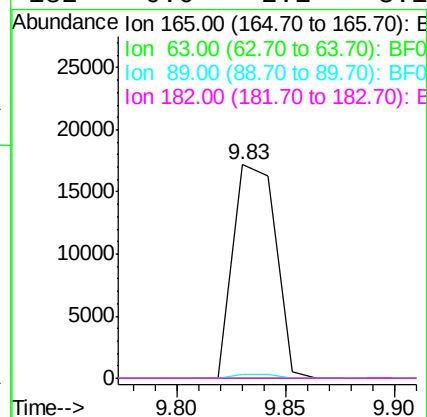
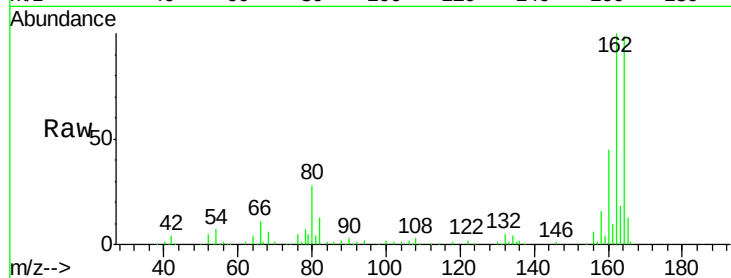




#56
 2,4-Dinitrotoluene
 Concen: 6.03 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.21 min
 Lab File: BF085914.D
 Acq: 31 Mar 2016 6:17

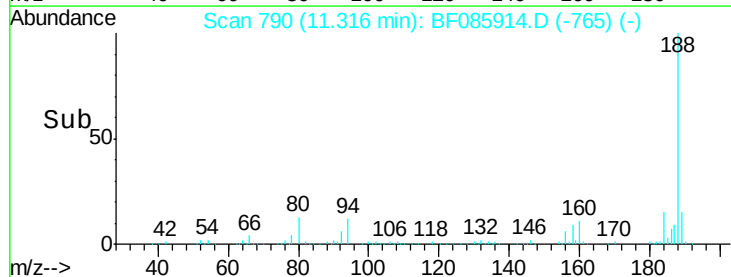
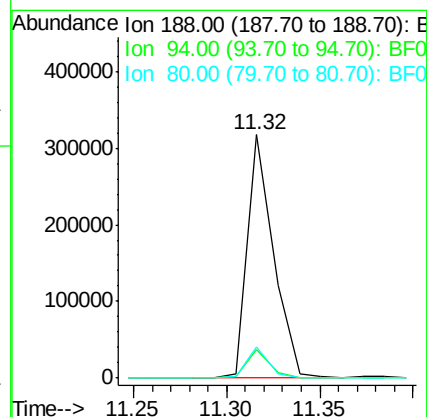
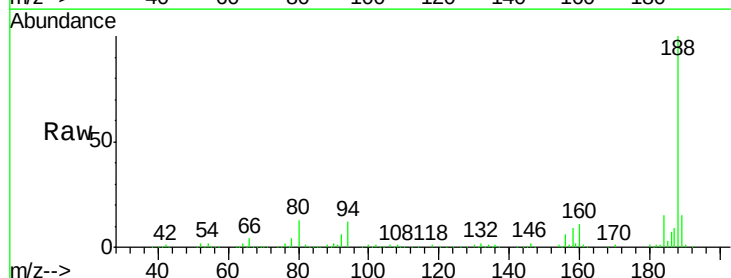
Instrument :
 BNA_F
 ClientSampleId :
 032416-P2EB-F-U-B

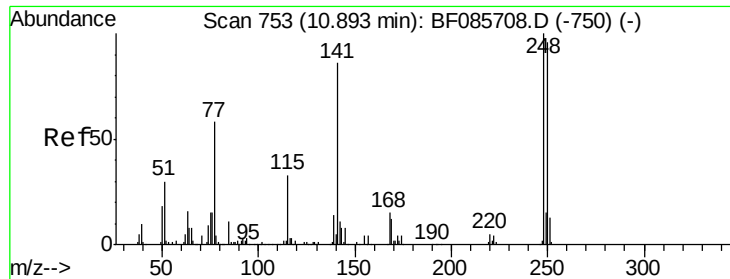
Tgt Ion:	165	Resp:	23279
Ion Ratio	Lower	Upper	
165	100		
63	0.0	24.9	37.3#
89	2.1	41.0	61.6#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF085914.D
 Acq: 31 Mar 2016 6:17

Tgt Ion:	188	Resp:	311225
Ion Ratio	Lower	Upper	
188	100		
94	12.0	5.4	8.0#
80	13.0	5.5	8.3#

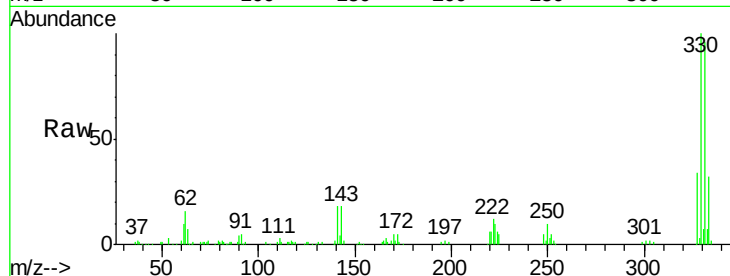




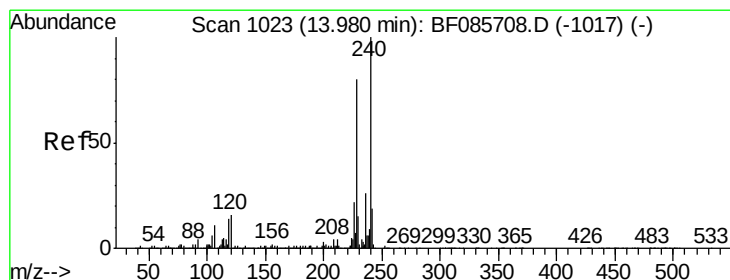
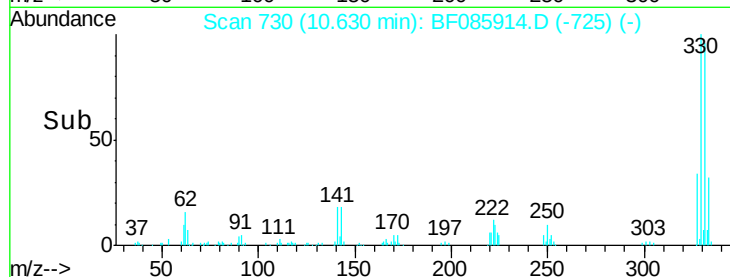
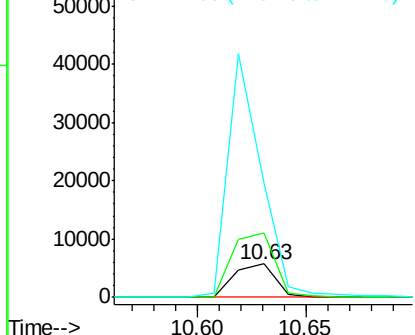
#66
4-Bromophenyl-phenylether
Concen: 2.33 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.24 min
Lab File: BF085914.D
Acq: 31 Mar 2016 6:17

Instrument :
BNA_F
ClientSampleId :
032416-P2EB-F-U-B

Tgt Ion:248 Resp: 7414
Ion Ratio Lower Upper
248 100
250 195.0 77.4 116.0#
141 346.1 63.6 95.4#

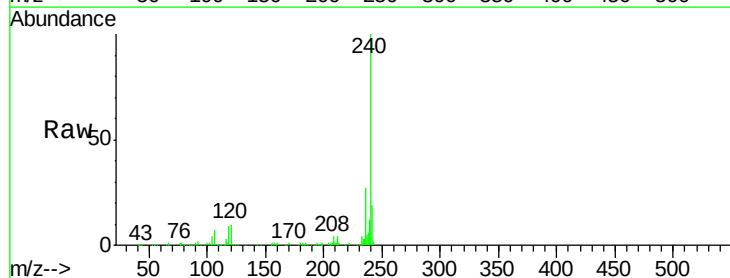


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

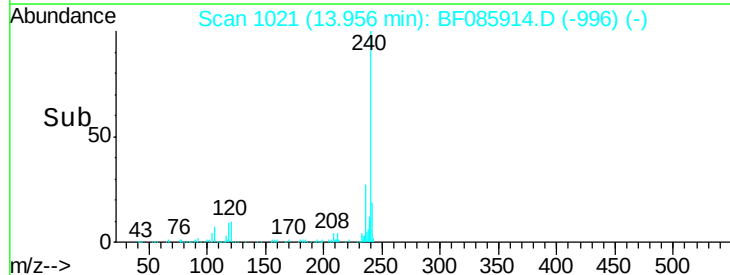
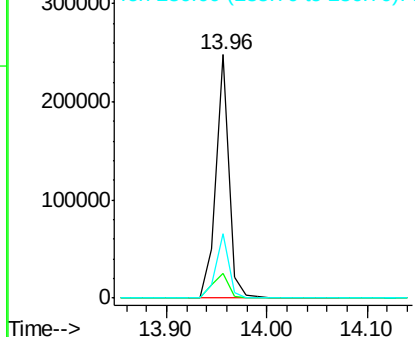


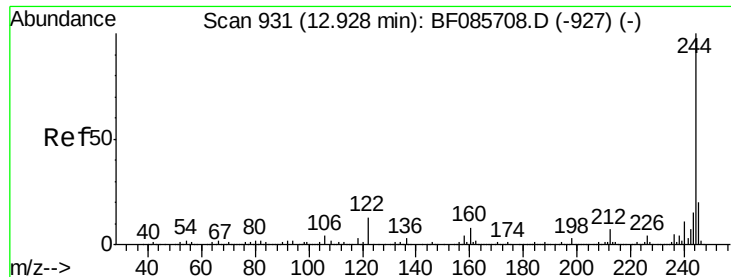
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085914.D
Acq: 31 Mar 2016 6:17

Tgt Ion:240 Resp: 224369
Ion Ratio Lower Upper
240 100
120 10.2 13.8 20.8#
236 26.6 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





#78

Terphenyl-d14

Concen: 63.20 ng

RT: 12.90 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF085914.D

Acq: 31 Mar 2016 6:17

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-U-B

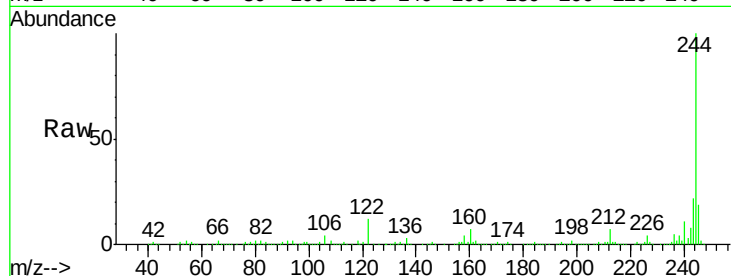
Tgt Ion:244 Resp: 689488

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

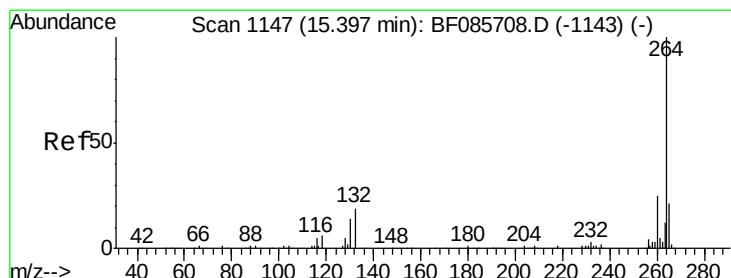
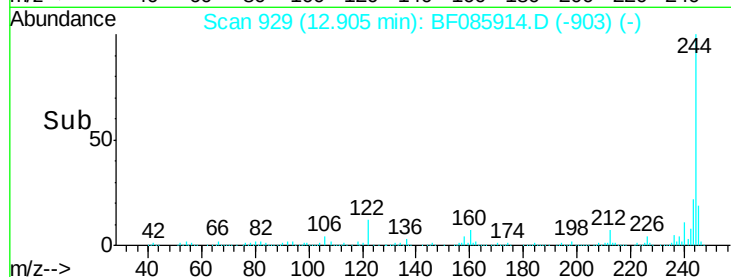
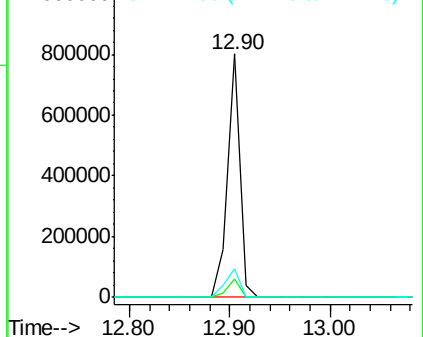
122 11.6 10.2 15.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF085914.D

Acq: 31 Mar 2016 6:17

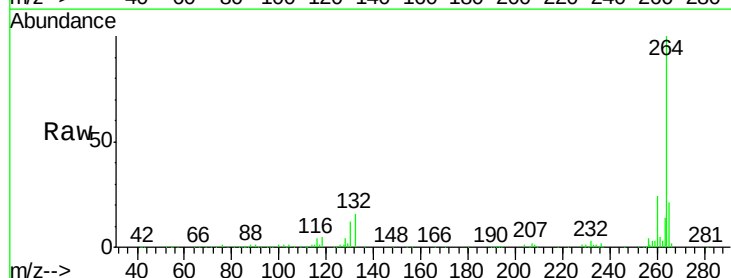
Tgt Ion:264 Resp: 219341

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.3 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

