

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085915.D
 Acq On : 31 Mar 2016 6:45
 Operator : UM/SJ
 Sample : H2012-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Mar 31 07:14:24 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

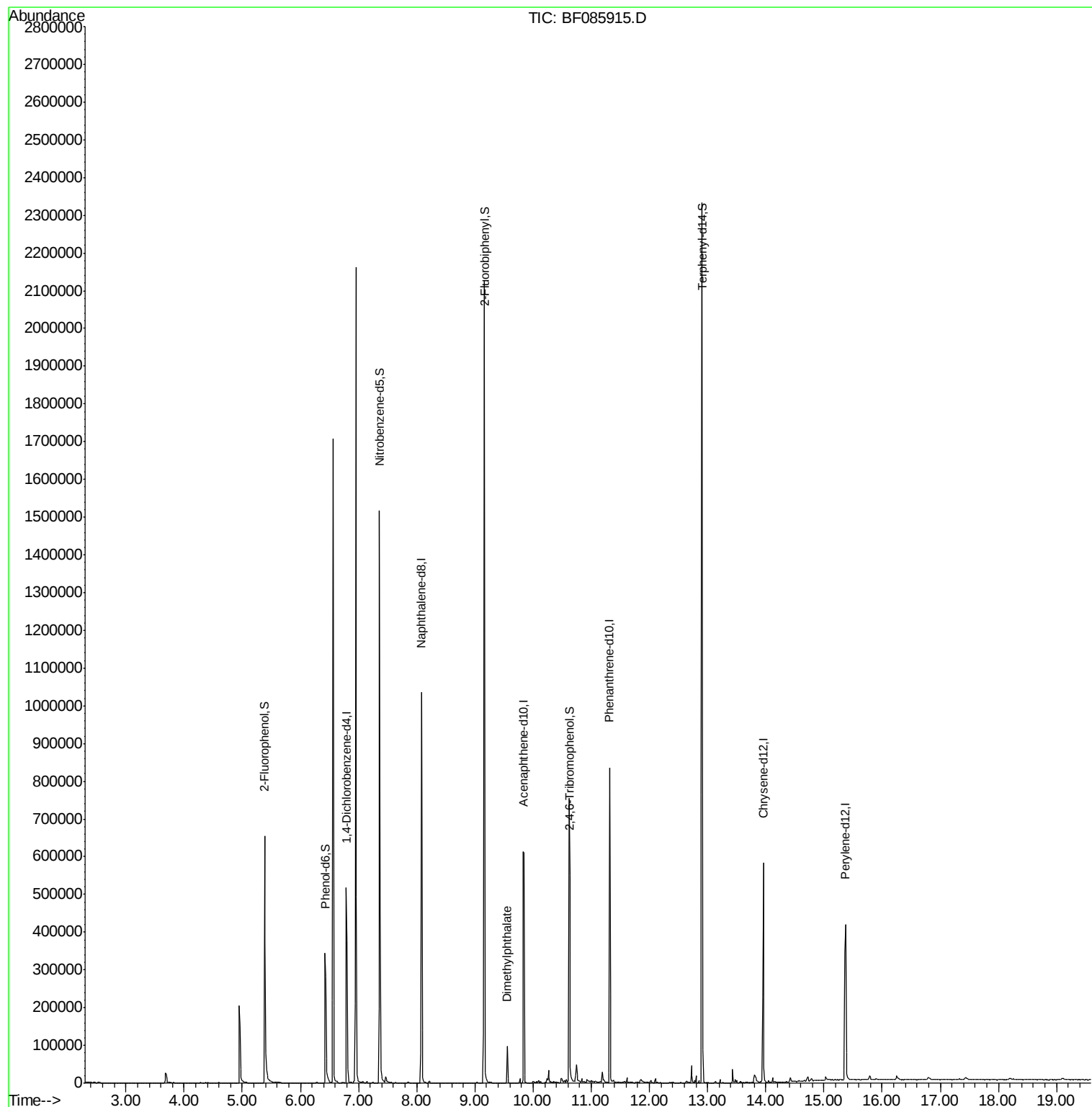
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107040	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	447407	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	185456	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	304750	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	217995	20.00	ng	-0.01
86) Perylene-d12	15.37	264	219919	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	260711	40.56	ng	-0.01
7) Phenol-d6	6.42	99	199704	24.44	ng	-0.02
23) Nitrobenzene-d5	7.36	82	553053	69.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	118322	67.15	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1027528	92.57	ng	0.00
78) Terphenyl-d14	12.91	244	728752	68.75	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	37697	2.68	ng	Qvalue 99

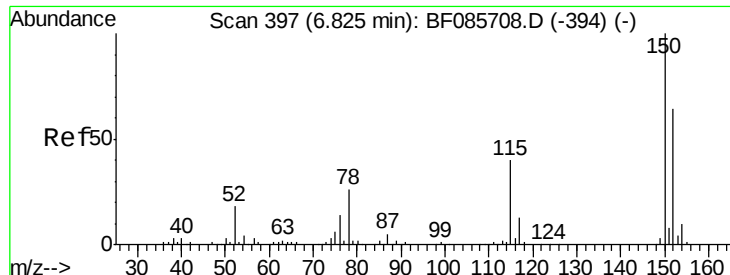
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF085915.D

Acq: 31 Mar 2016 6:45

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-U-S

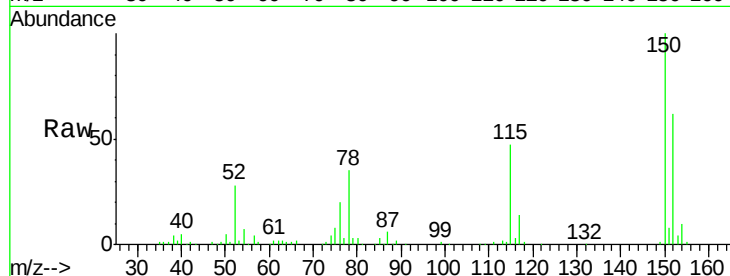
Tgt Ion:152 Resp: 107040

Ion Ratio Lower Upper

152 100

150 162.3 124.2 186.2

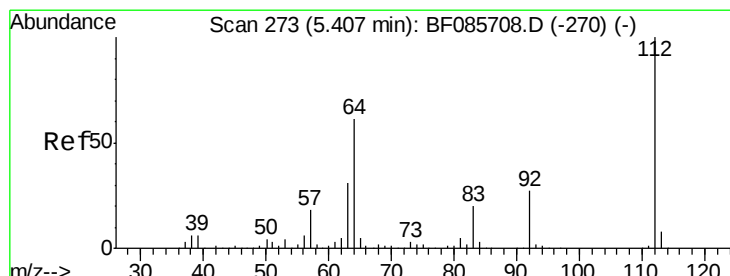
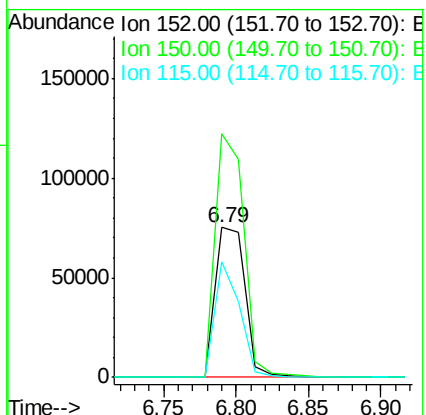
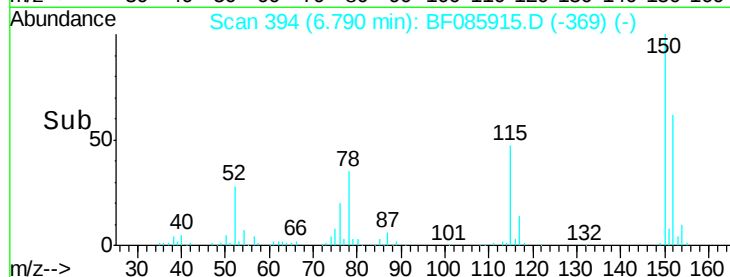
115 76.6 47.0 70.6#



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: 40.56 ng

RT: 5.38 min Scan# 271

Delta R.T. -0.01 min

Lab File: BF085915.D

Acq: 31 Mar 2016 6:45

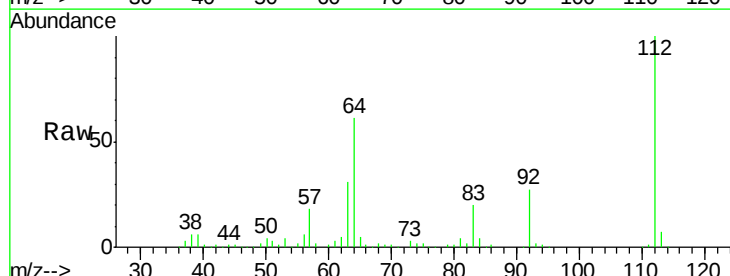
Tgt Ion:112 Resp: 260711

Ion Ratio Lower Upper

112 100

64 61.0 39.9 59.9#

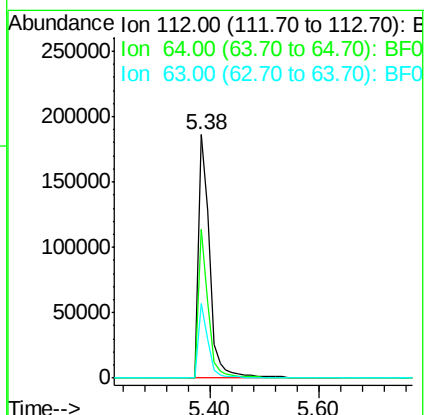
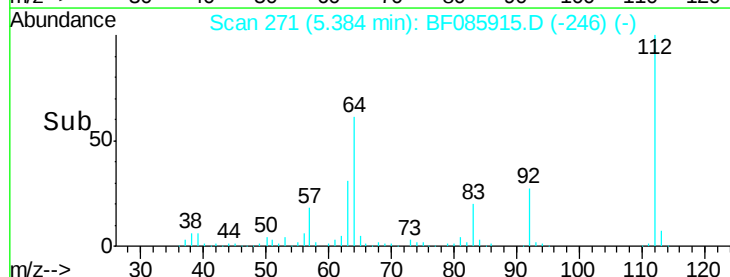
63 30.7 20.2 30.2#



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: 24.44 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085915.D

Acq: 31 Mar 2016 6:45

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-U-S

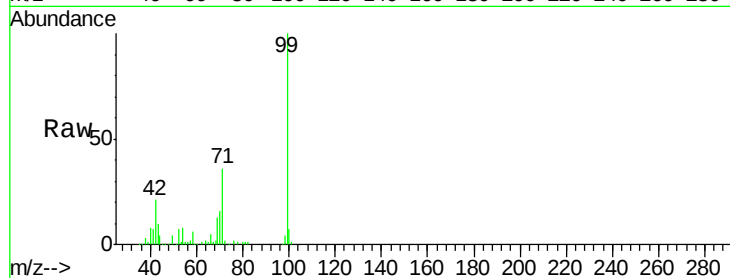
Tgt Ion: 99 Resp: 199704

Ion Ratio Lower Upper

99 100

42 20.8 11.1 16.7#

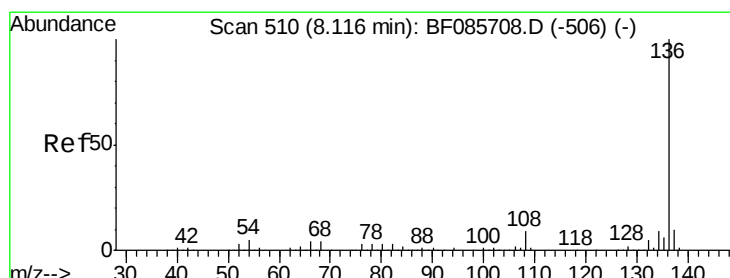
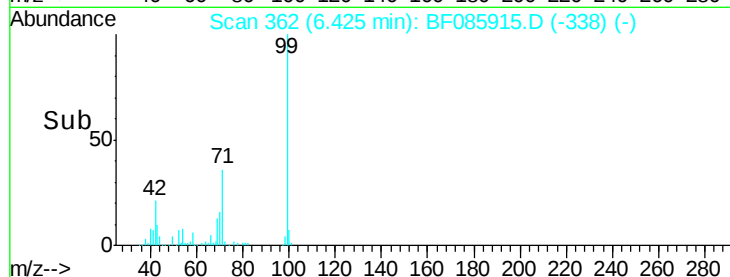
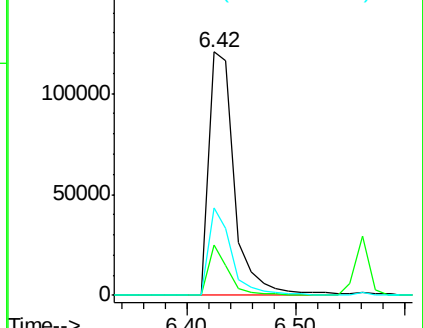
71 36.1 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF085915.D

Acq: 31 Mar 2016 6:45

Tgt Ion: 136 Resp: 447407

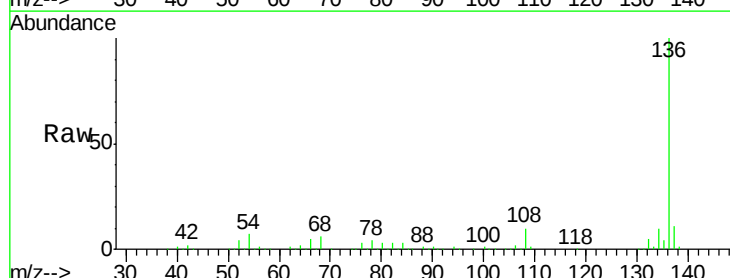
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.2 7.4 11.0#

68 5.9 5.8 8.8

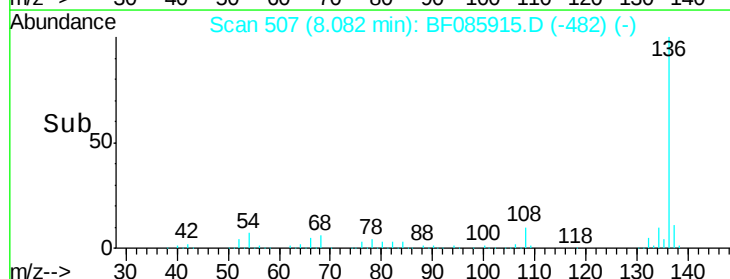
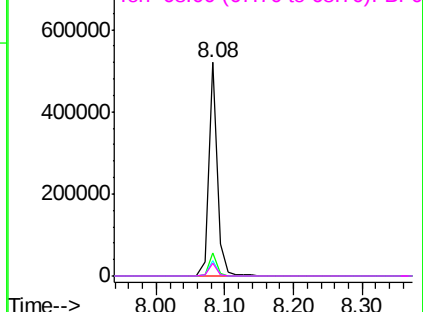


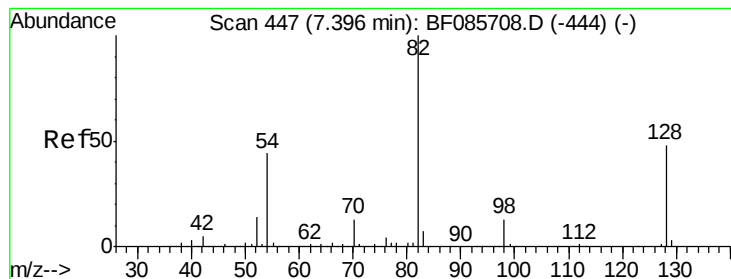
Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.61 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085915.D

Acq: 31 Mar 2016 6:45

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-U-S

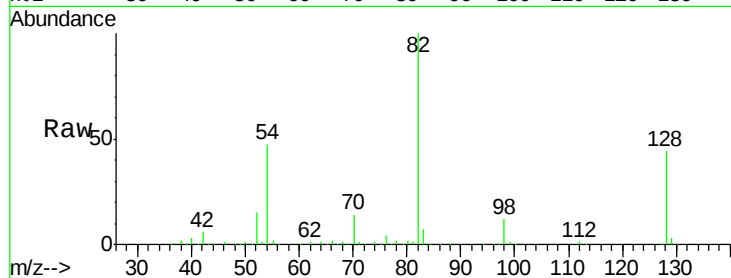
Tgt Ion: 82 Resp: 553053

Ion Ratio Lower Upper

82 100

128 43.8 41.8 62.8

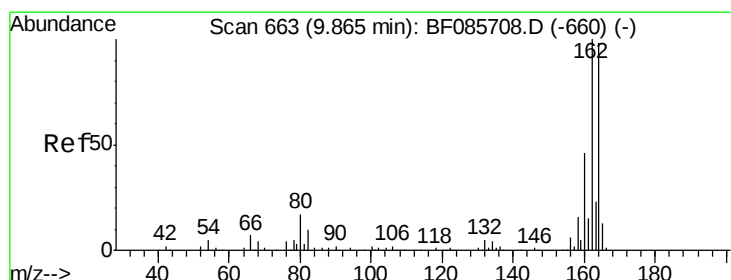
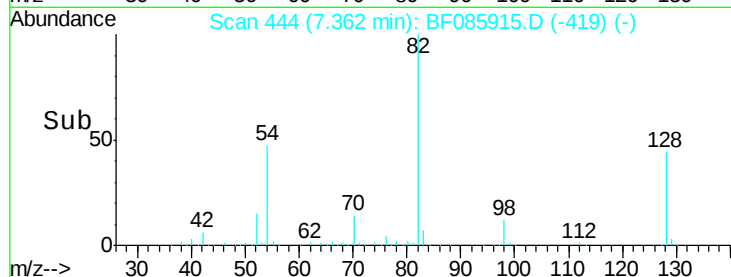
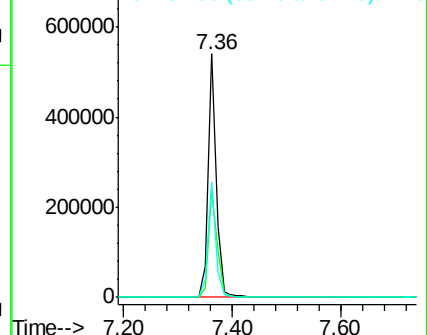
54 47.3 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085915.D

Acq: 31 Mar 2016 6:45

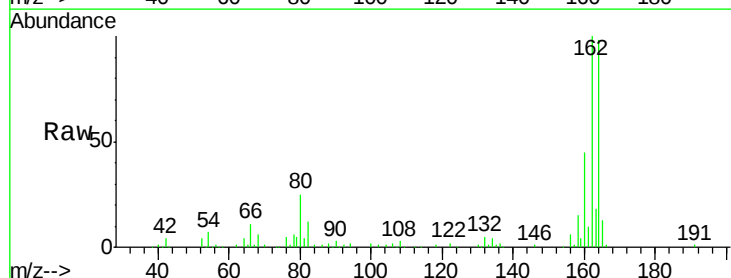
Tgt Ion: 164 Resp: 185456

Ion Ratio Lower Upper

164 100

162 102.3 82.1 123.1

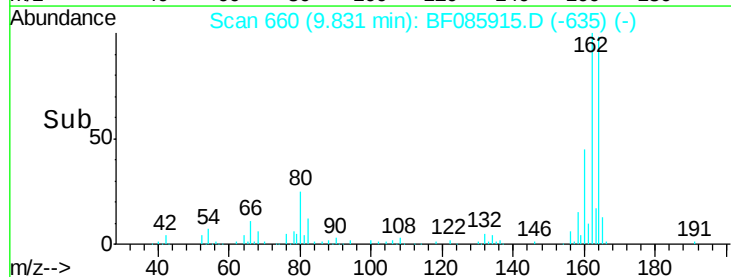
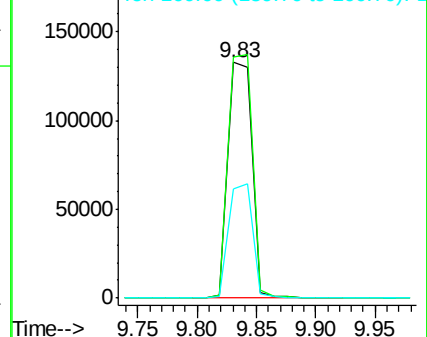
160 46.5 37.4 56.2

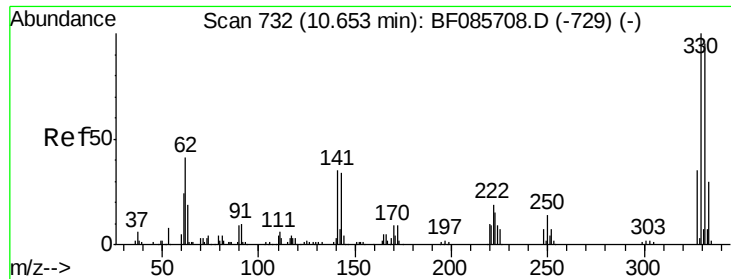


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

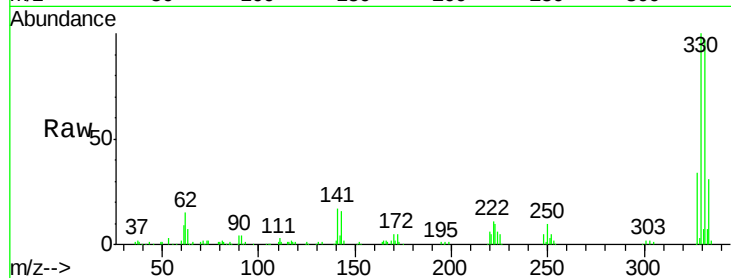




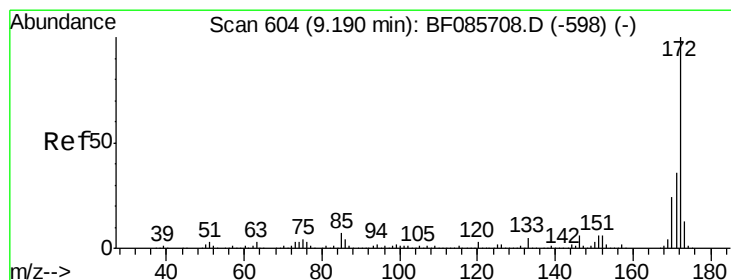
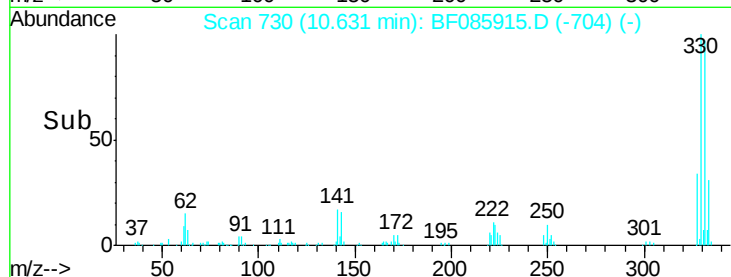
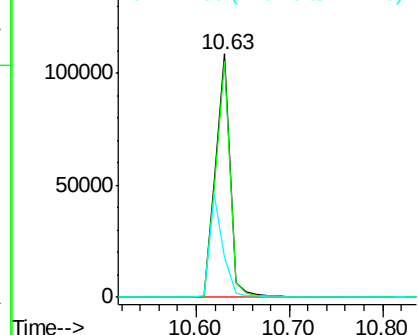
#41
 2,4,6-Tribromophenol
 Concen: 67.15 ng
 RT: 10.63 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF085915.D
 Acq: 31 Mar 2016 6:45

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

Tgt Ion:330 Resp: 118322
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.2 117.2
 141 39.9 31.5 47.3

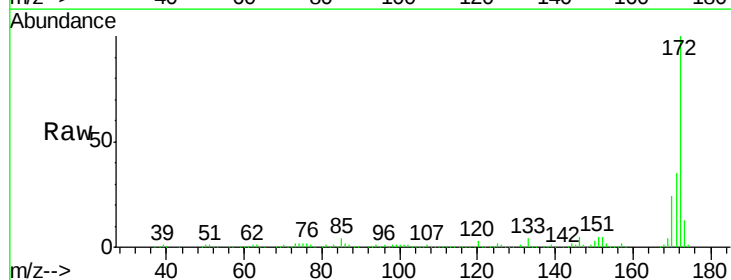


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

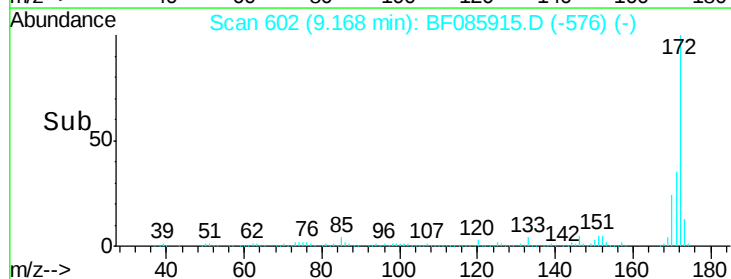
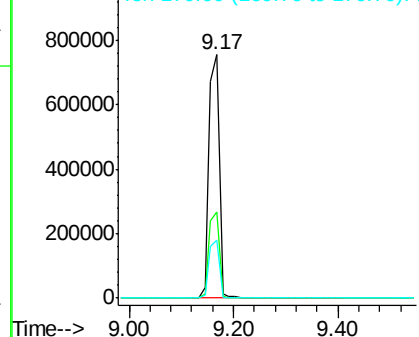


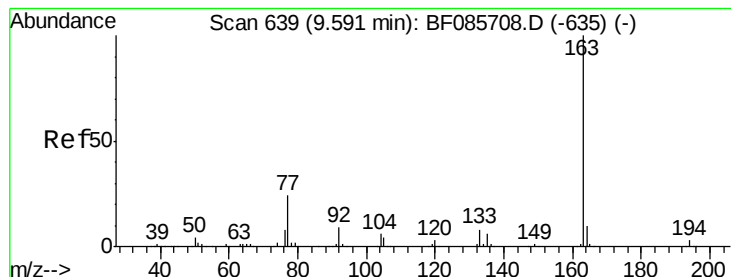
#44
 2-Fluorobiphenyl
 Concen: 92.57 ng
 RT: 9.17 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF085915.D
 Acq: 31 Mar 2016 6:45

Tgt Ion:172 Resp: 1027528
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.2
 170 24.0 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: 2.68 ng

RT: 9.56 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF085915.D

Acq: 31 Mar 2016 6:45

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-U-S

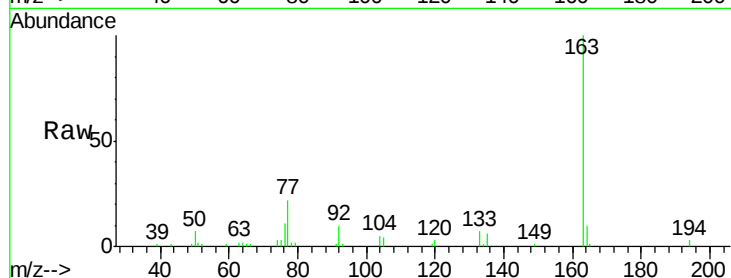
Tgt Ion:163 Resp: 37697

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

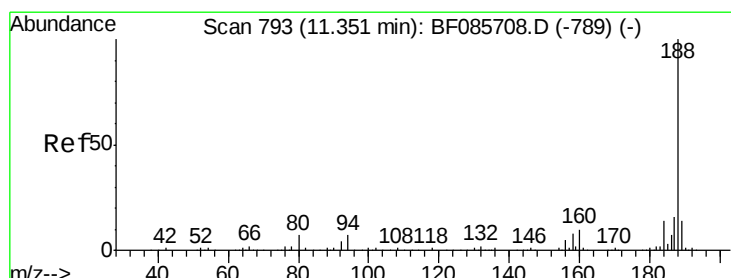
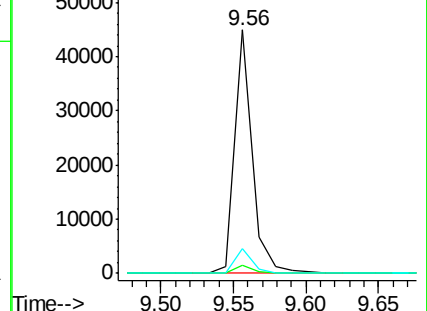
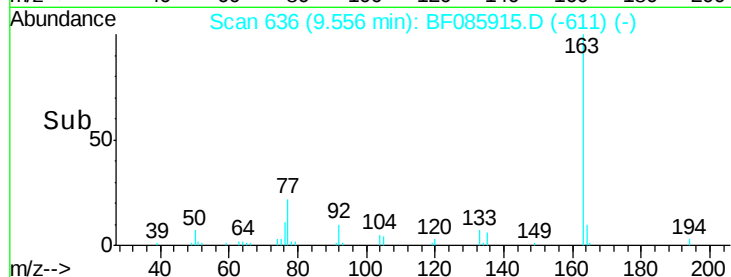
164 9.9 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF085915.D

Acq: 31 Mar 2016 6:45

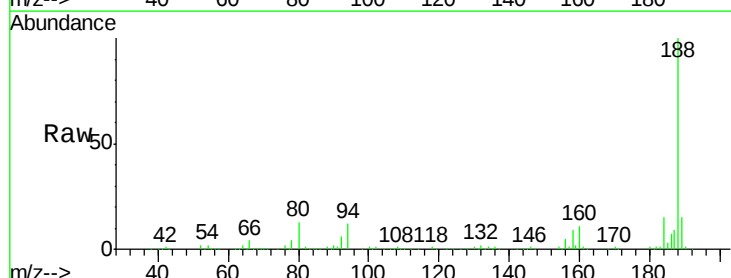
Tgt Ion:188 Resp: 304750

Ion Ratio Lower Upper

188 100

94 11.7 5.4 8.0#

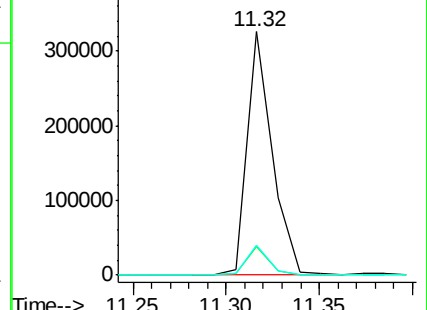
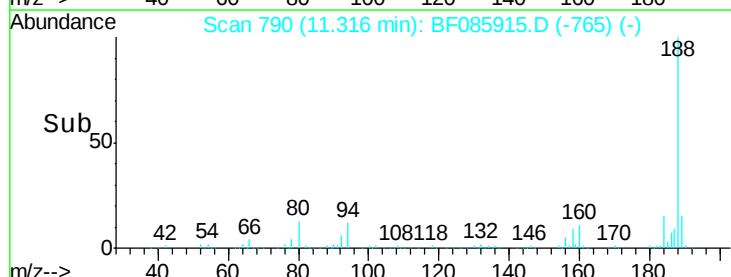
80 12.5 5.5 8.3#

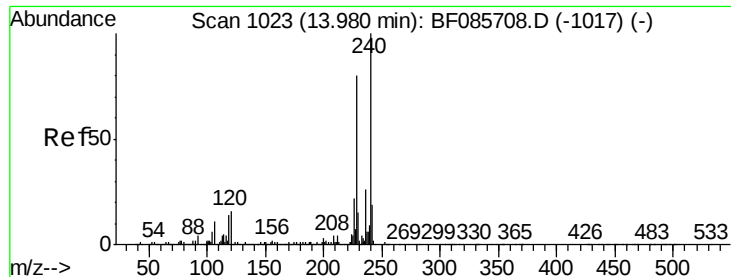


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085915.D

Acq: 31 Mar 2016 6:45

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-U-S

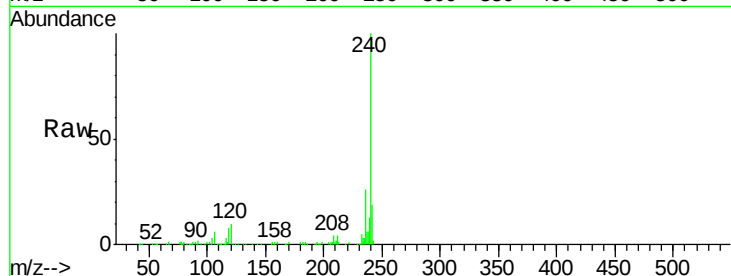
Tgt Ion:240 Resp: 217995

Ion Ratio Lower Upper

240 100

120 9.7 13.8 20.8#

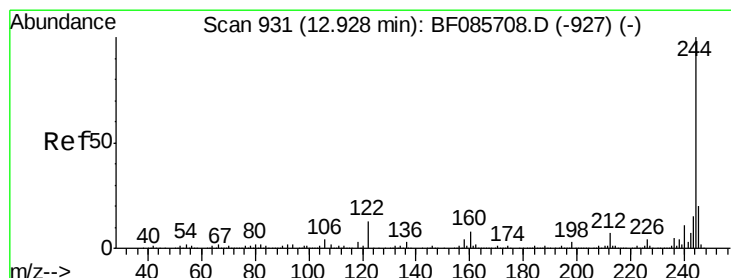
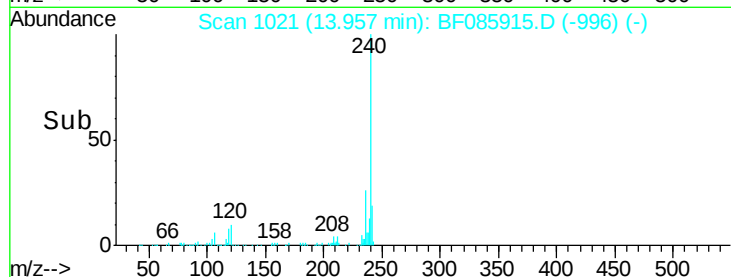
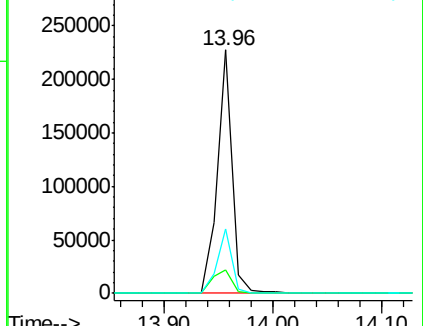
236 26.4 20.6 30.8



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: 68.75 ng

RT: 12.91 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF085915.D

Acq: 31 Mar 2016 6:45

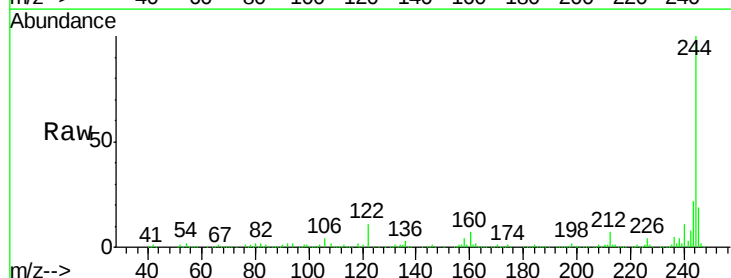
Tgt Ion:244 Resp: 728752

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

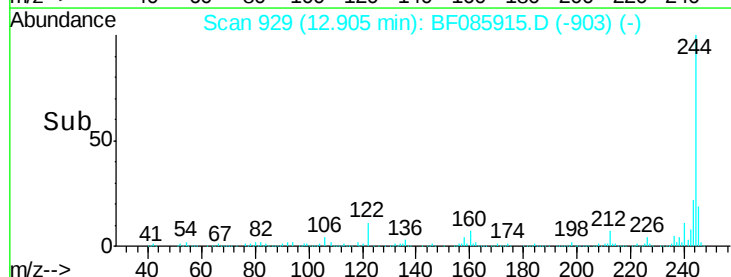
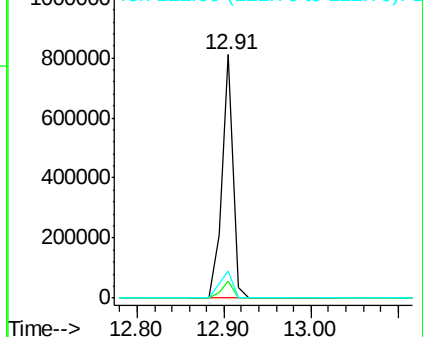
122 11.0 10.2 15.4

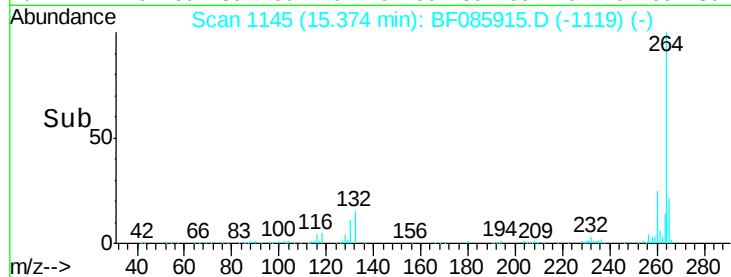
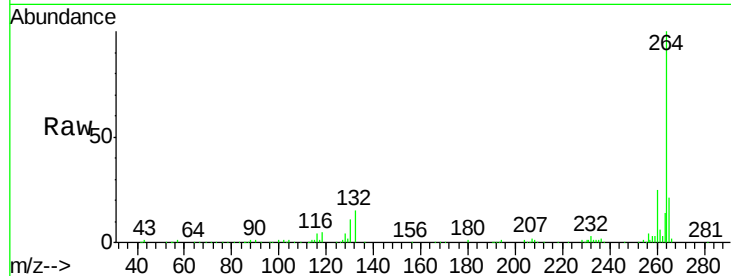
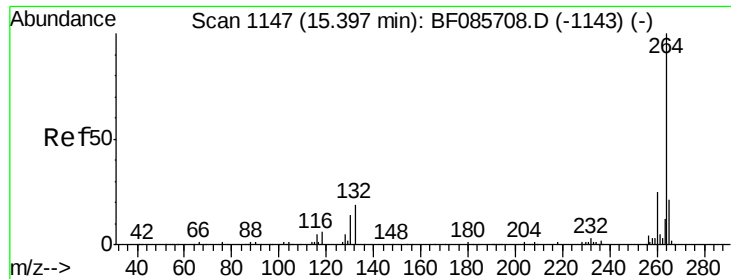


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF085915.D

Acq: 31 Mar 2016 6:45

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-U-S

Tgt Ion: 264 Resp: 219919

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.2 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

