

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085576.D
 Acq On : 19 Mar 2016 16:46
 Operator : UM/SJ
 Sample : H1788-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)

Quant Time: Mar 21 02:16:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

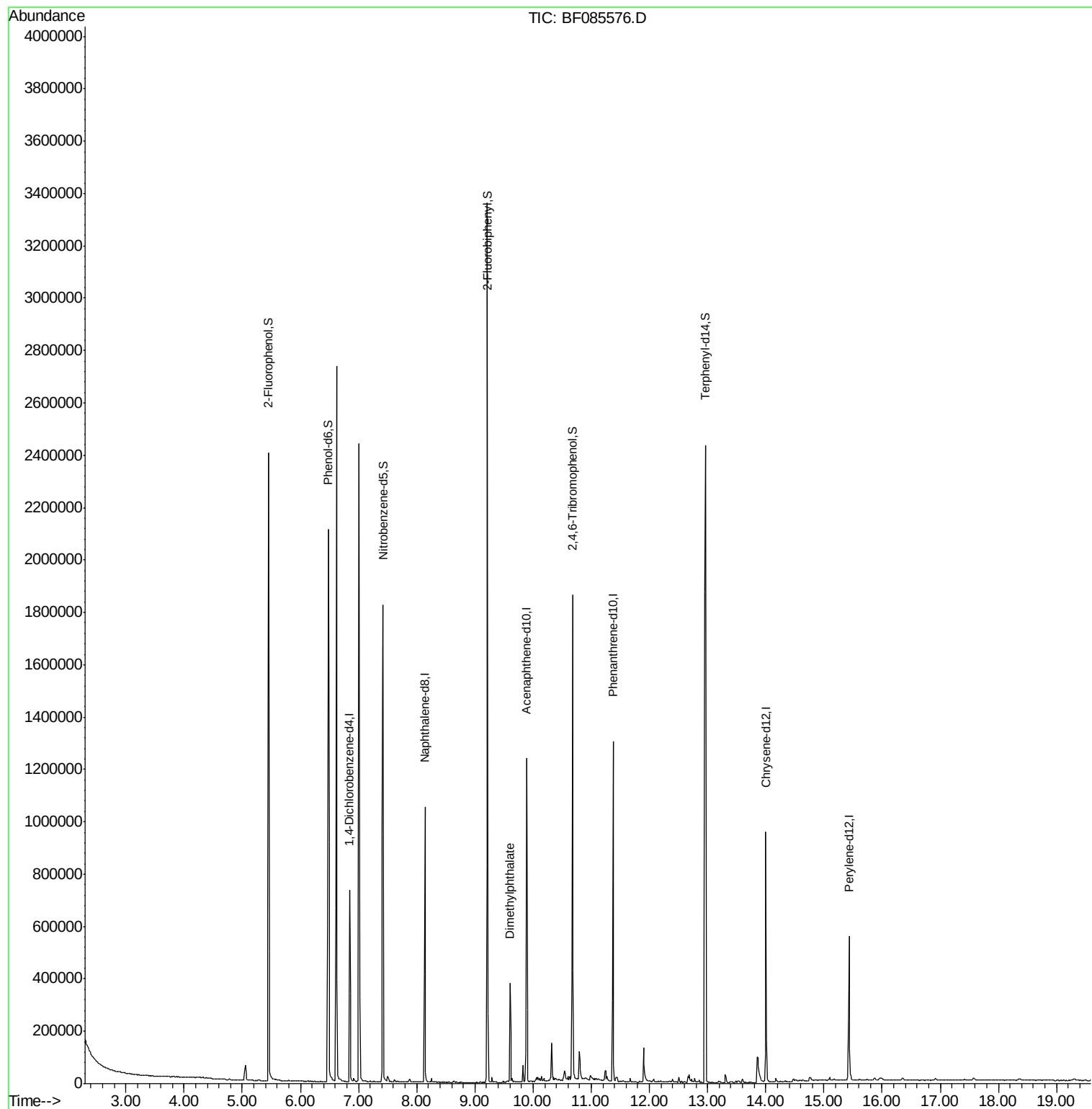
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	127674	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	532413	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	236415	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	459884	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	308596	20.00	ng	-0.01
86) Perylene-d12	15.43	264	236207	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	767640	100.99	ng	0.00
7) Phenol-d6	6.48	99	1012726	103.88	ng	-0.01
23) Nitrobenzene-d5	7.42	82	717372	78.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	231624	100.02	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1033908	71.73	ng	-0.01
78) Terphenyl-d14	12.96	244	1047590	81.69	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.60	163	178060	9.98	ng	Qvalue 99

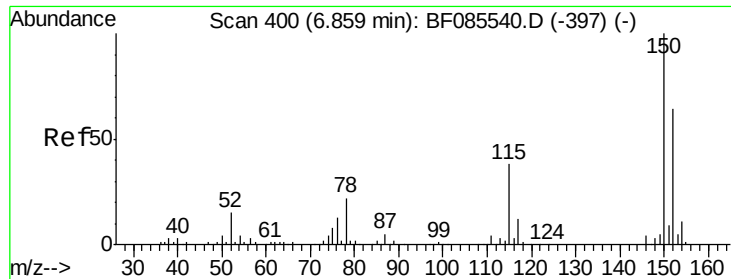
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 18 23:31:39 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085576.D

Acq: 19 Mar 2016 16:46

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)

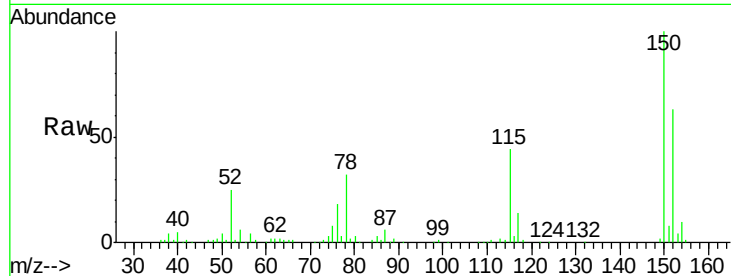
Tgt Ion:152 Resp: 127674

Ion Ratio Lower Upper

152 100

150 159.8 124.2 186.2

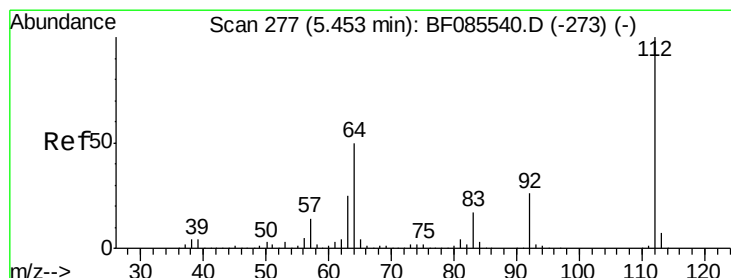
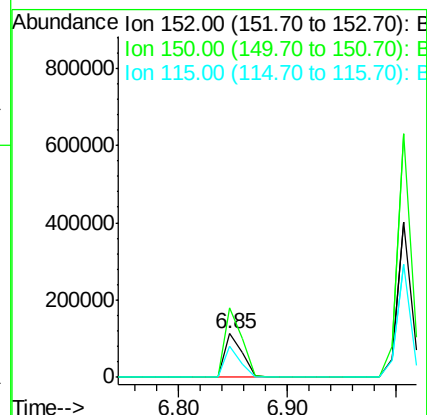
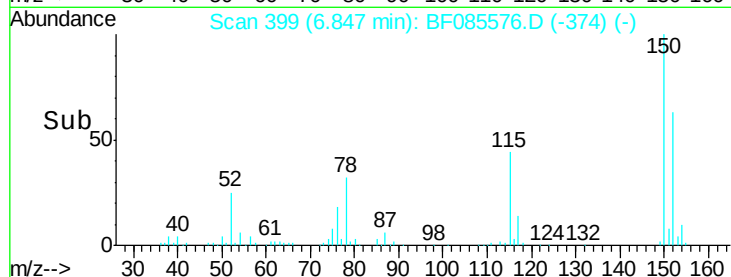
115 70.9 47.0 70.6#



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: 100.99 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085576.D

Acq: 19 Mar 2016 16:46

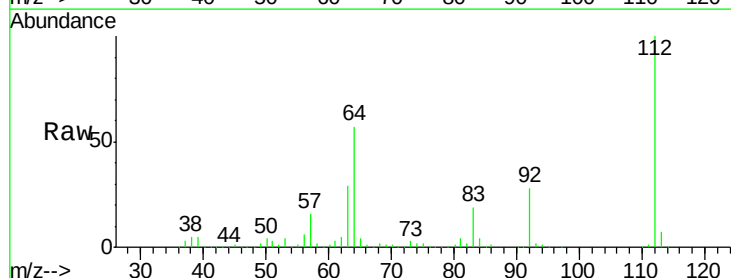
Tgt Ion:112 Resp: 767640

Ion Ratio Lower Upper

112 100

64 57.1 39.9 59.9

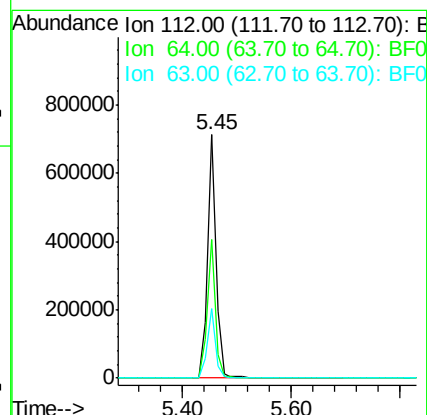
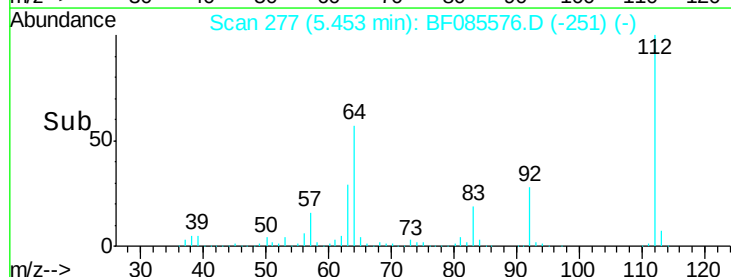
63 28.6 20.2 30.2

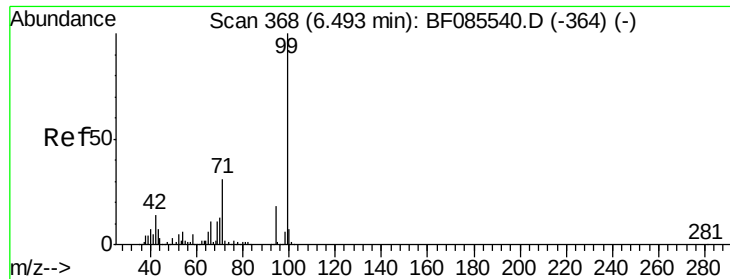


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.88 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085576.D

Acq: 19 Mar 2016 16:46

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)

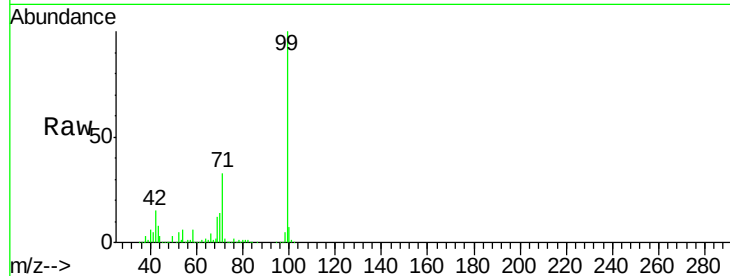
Tgt Ion: 99 Resp: 1012726

Ion Ratio Lower Upper

99 100

42 15.5 11.1 16.7

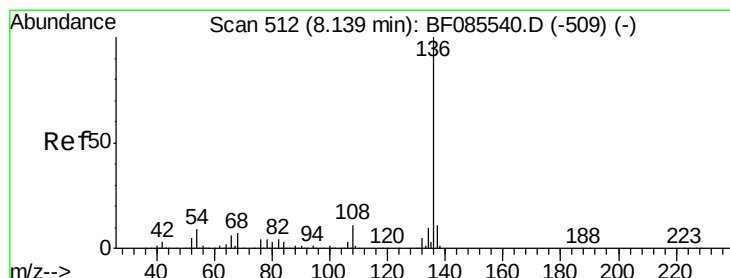
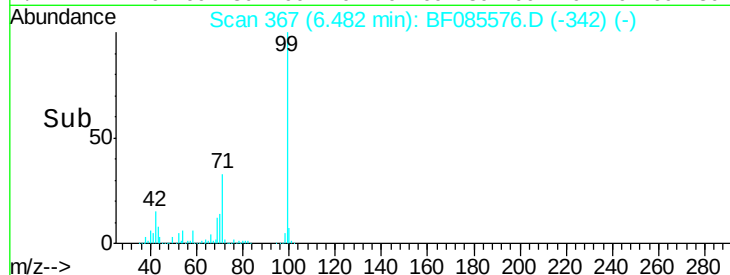
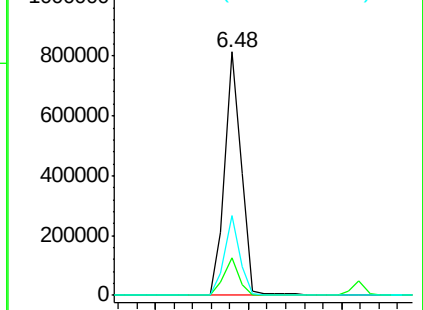
71 32.9 24.9 37.3



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: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085576.D

Acq: 19 Mar 2016 16:46

Tgt Ion: 136 Resp: 532413

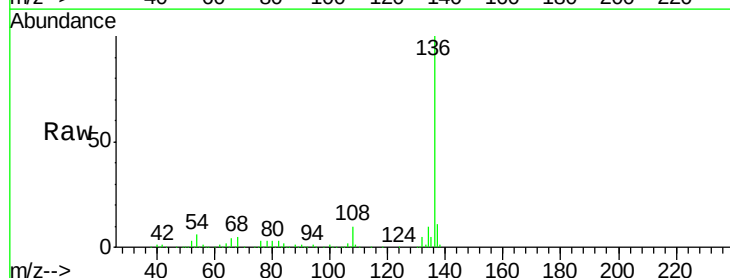
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.5 7.4 11.0#

68 4.7 5.8 8.8#

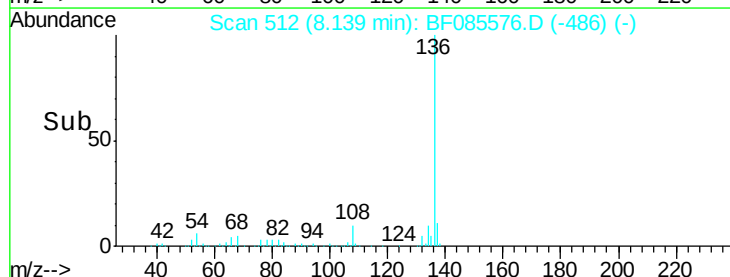
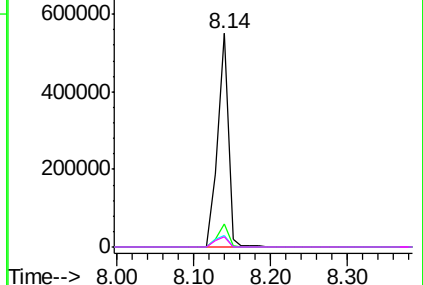


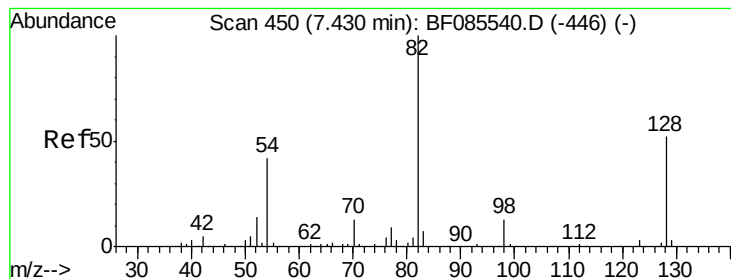
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 78.21 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085576.D

Acq: 19 Mar 2016 16:46

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)

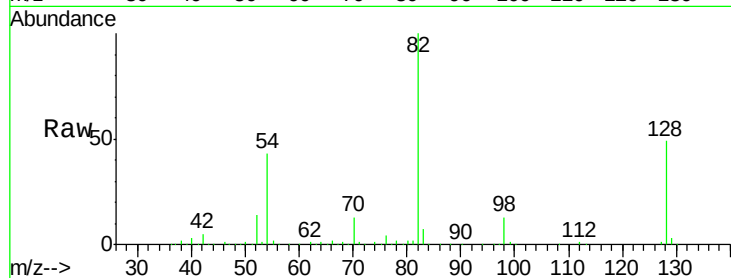
Tgt Ion: 82 Resp: 717372

Ion Ratio Lower Upper

82 100

128 49.0 41.8 62.8

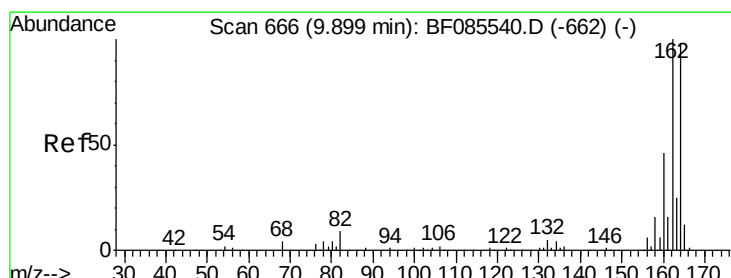
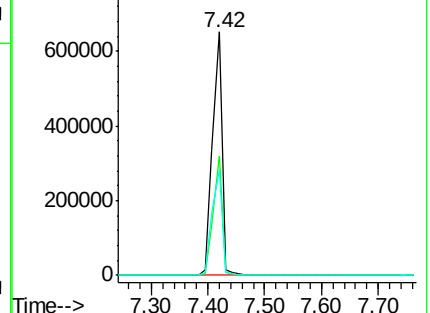
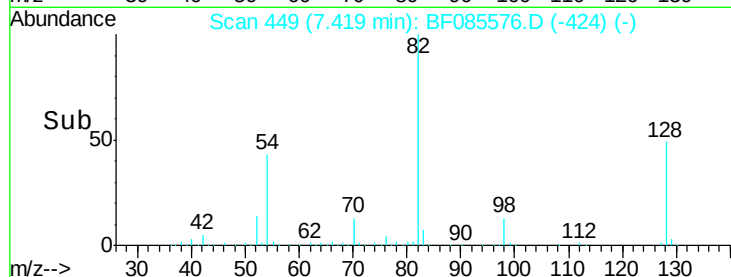
54 43.2 33.4 50.0



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: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085576.D

Acq: 19 Mar 2016 16:46

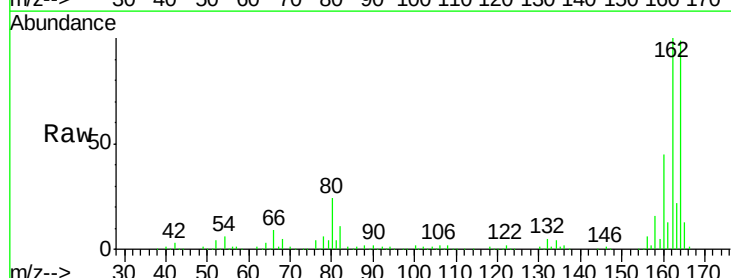
Tgt Ion: 164 Resp: 236415

Ion Ratio Lower Upper

164 100

162 101.5 82.1 123.1

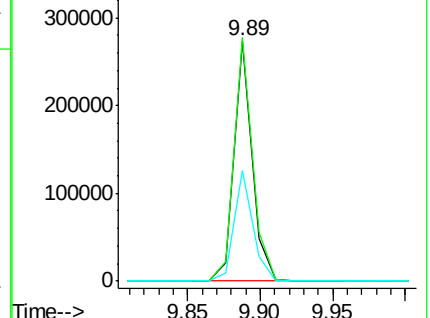
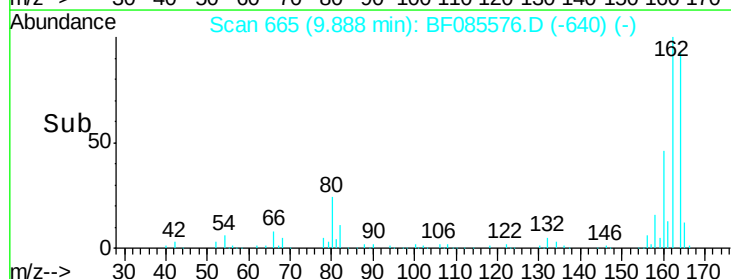
160 46.0 37.4 56.2

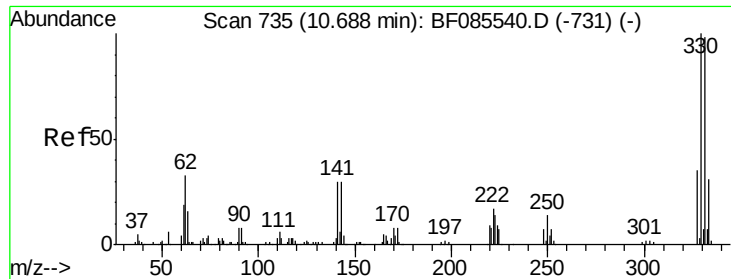


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

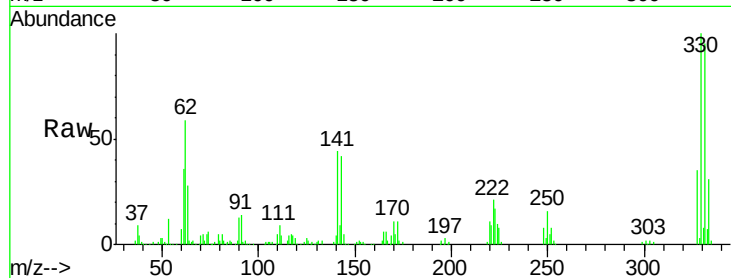




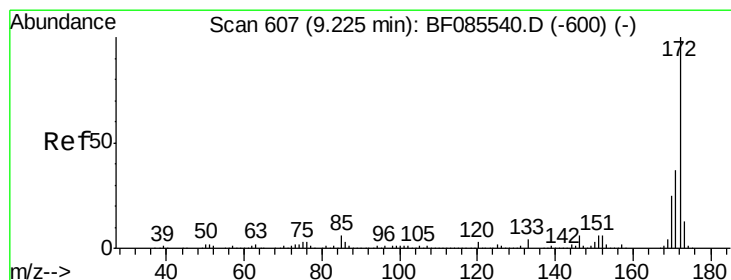
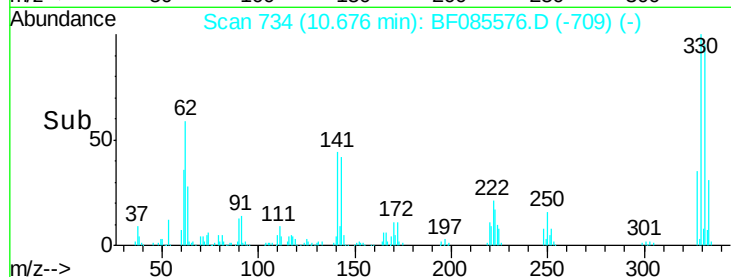
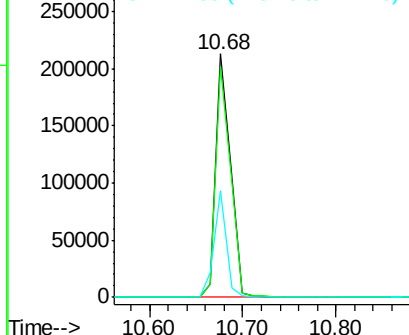
#41
 2,4,6-Tribromophenol
 Concen: 100.02 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085576.D
 Acq: 19 Mar 2016 16:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)

Tgt Ion:330 Resp: 231624
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.2 117.2
 141 37.4 31.5 47.3

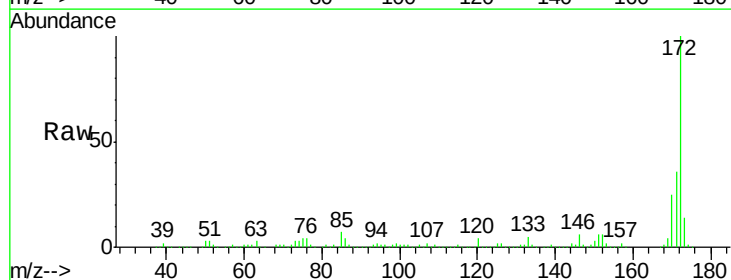


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

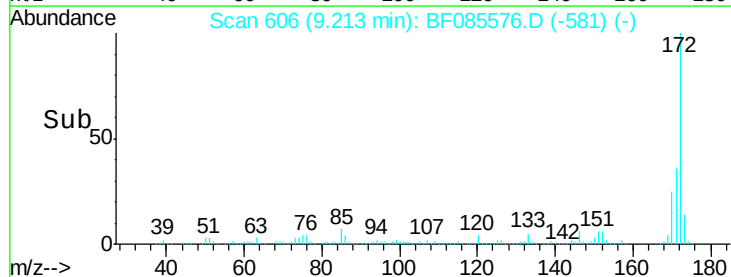
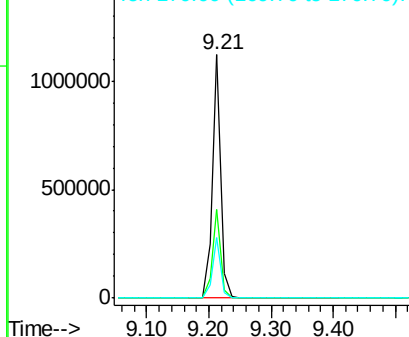


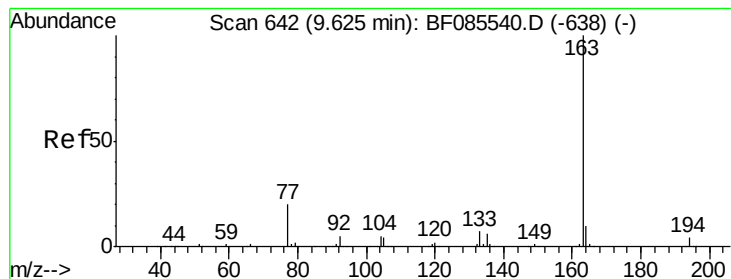
#44
 2-Fluorobiphenyl
 Concen: 71.73 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085576.D
 Acq: 19 Mar 2016 16:46

Tgt Ion:172 Resp: 1033908
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.8 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: 9.98 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF085576.D

Acq: 19 Mar 2016 16:46

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)

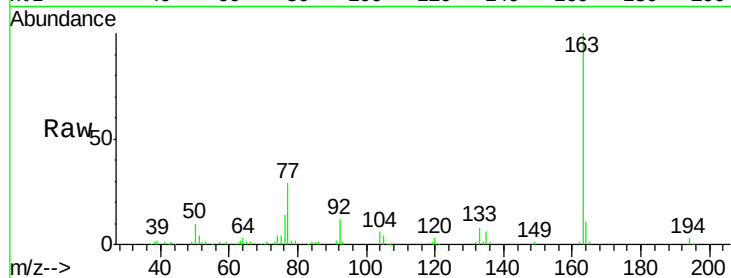
Tgt Ion:163 Resp: 178060

Ion Ratio Lower Upper

163 100

194 3.0 2.9 4.3

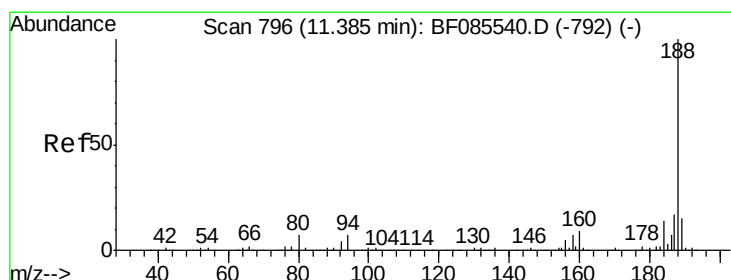
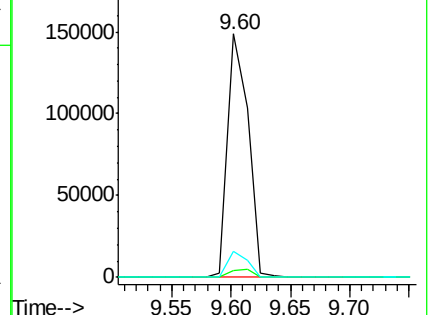
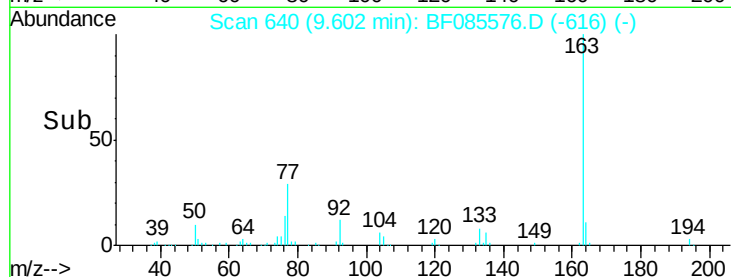
164 10.9 8.3 12.5



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: 11.37 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF085576.D

Acq: 19 Mar 2016 16:46

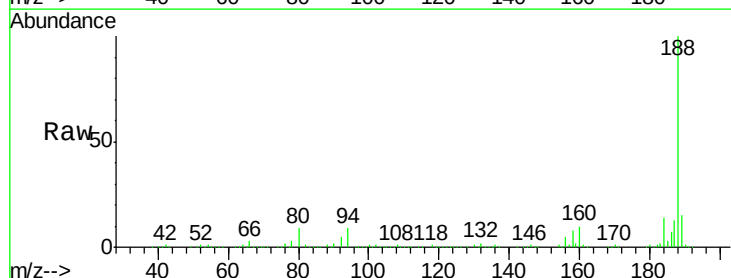
Tgt Ion:188 Resp: 459884

Ion Ratio Lower Upper

188 100

94 9.0 5.4 8.0#

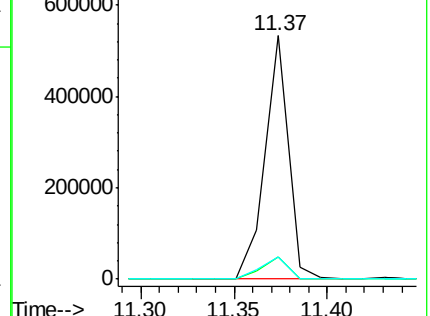
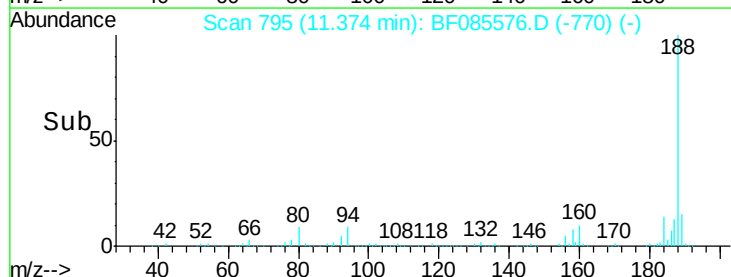
80 9.3 5.5 8.3#

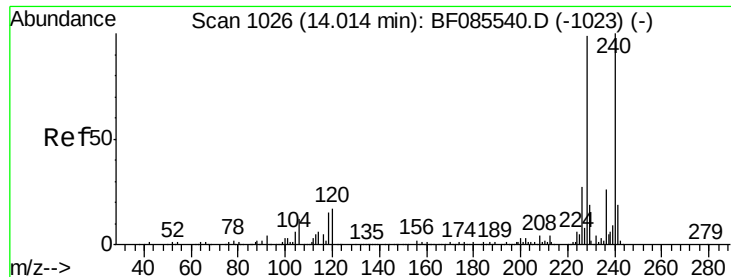


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085576.D

Acq: 19 Mar 2016 16:46

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)

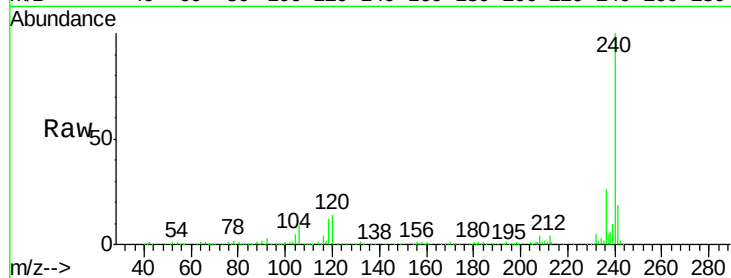
Tgt Ion:240 Resp: 308596

Ion Ratio Lower Upper

240 100

120 14.5 13.8 20.8

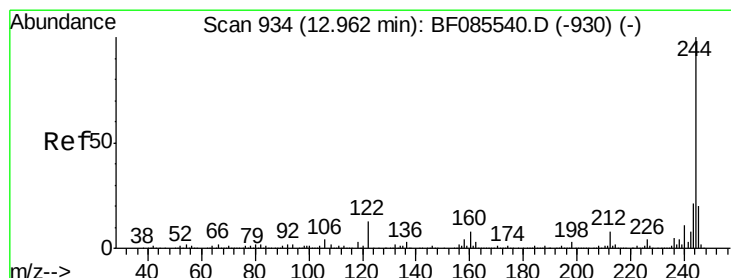
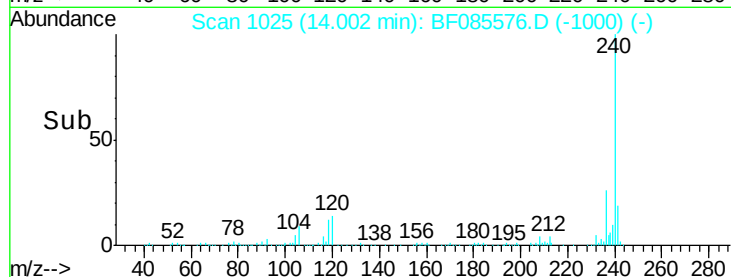
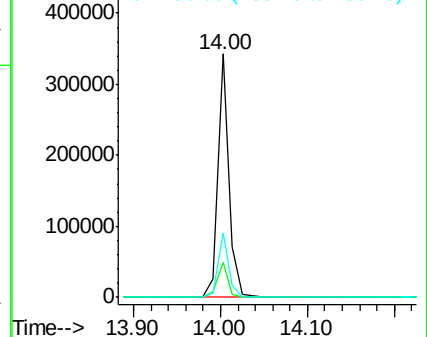
236 26.2 20.6 30.8



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: 81.69 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085576.D

Acq: 19 Mar 2016 16:46

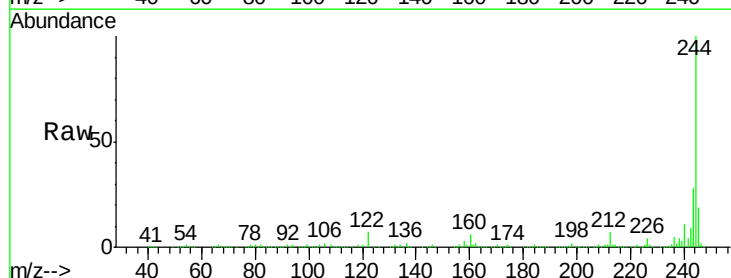
Tgt Ion:244 Resp: 1047590

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

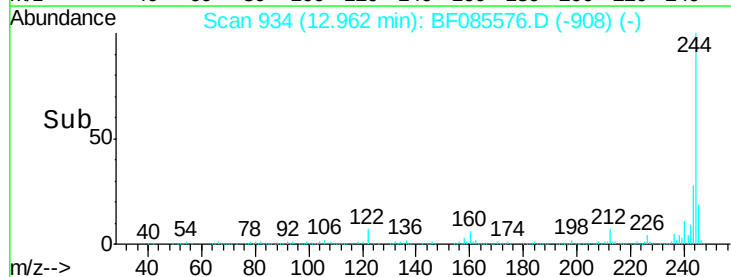
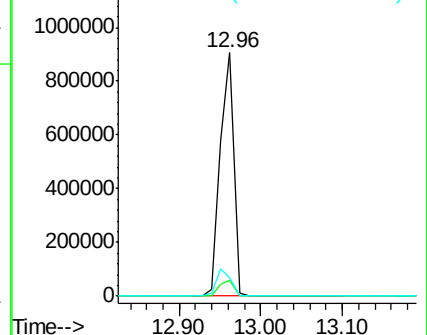
122 7.4 10.2 15.4#

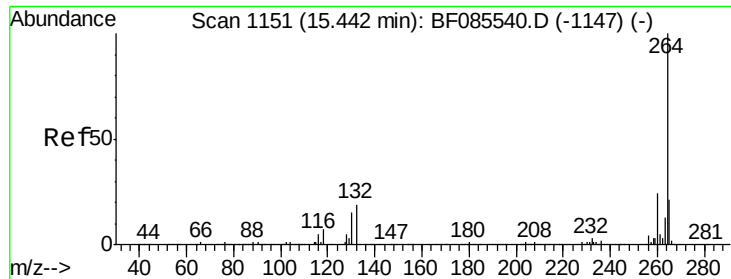


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

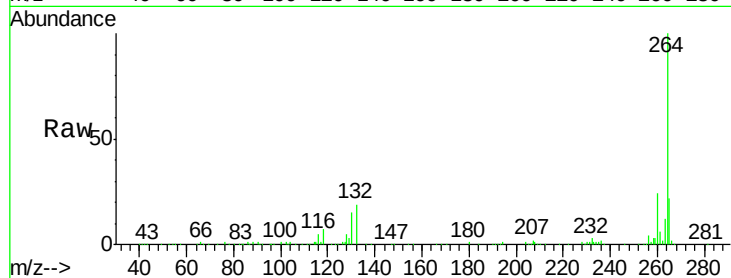




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF085576.D
Acq: 19 Mar 2016 16:46

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.8	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

