

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085398.D
 Acq On : 12 Mar 2016 4:48
 Operator : UM/SJ
 Sample : H1754-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-25(0.5-4.5)

Quant Time: Mar 12 06:45:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

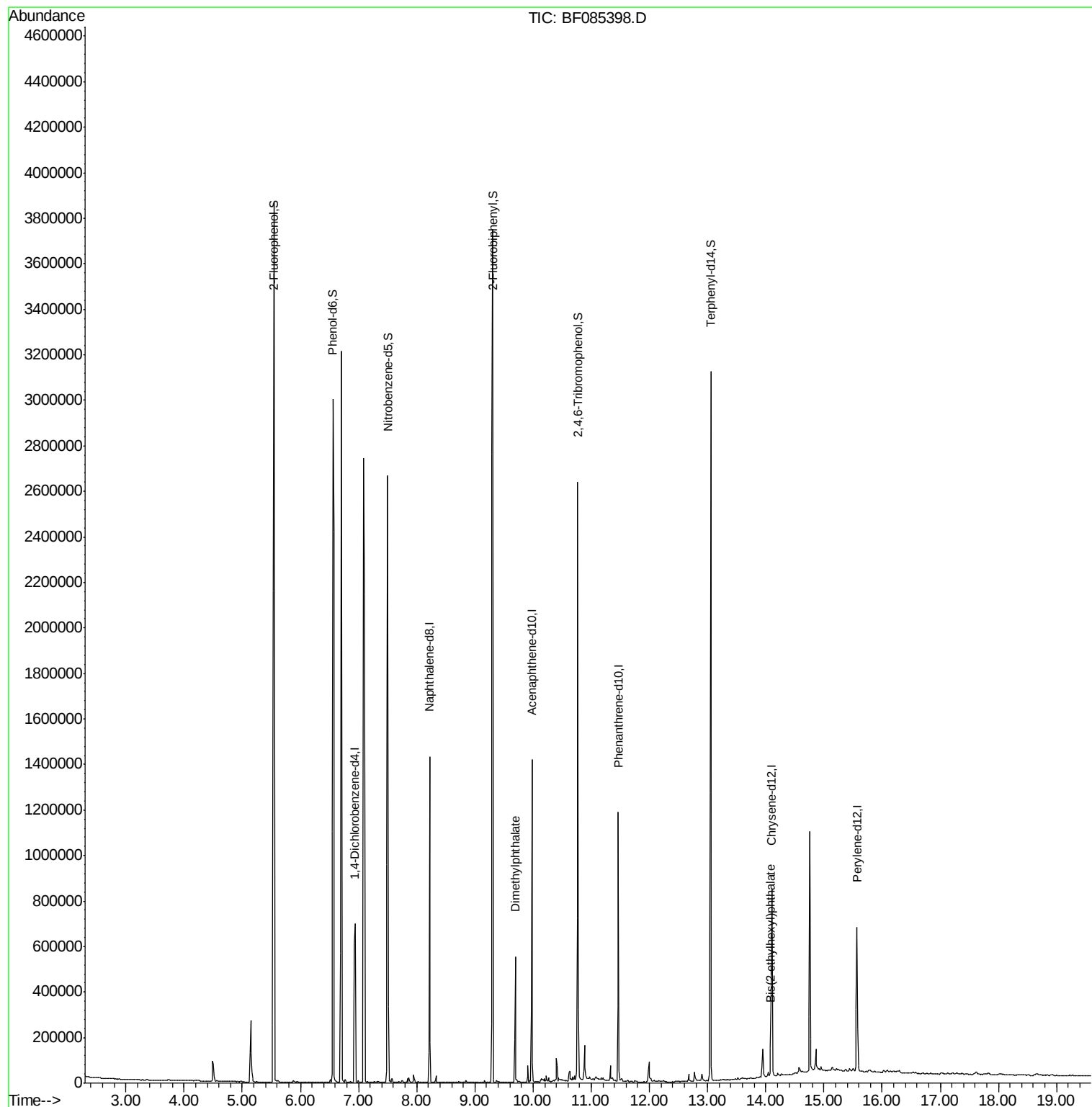
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	151965	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	596209	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	267453	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	427282	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	289699	20.00	ng	-0.05
86) Perylene-d12	15.57	264	272504	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1294336	142.87	ng	-0.03
7) Phenol-d6	6.56	99	1779005	149.88	ng	-0.05
23) Nitrobenzene-d5	7.50	82	971782	87.22	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	300035	131.11	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1576539	89.65	ng	-0.05
78) Terphenyl-d14	13.05	244	999934	80.13	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.69	163	238041	11.60	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	30985	2.38	ng	99

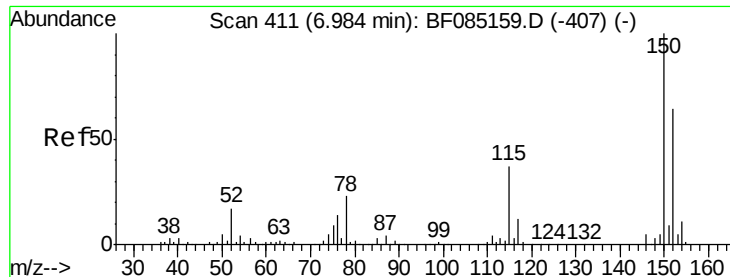
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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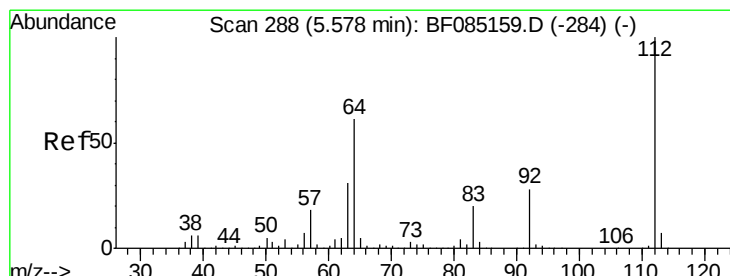
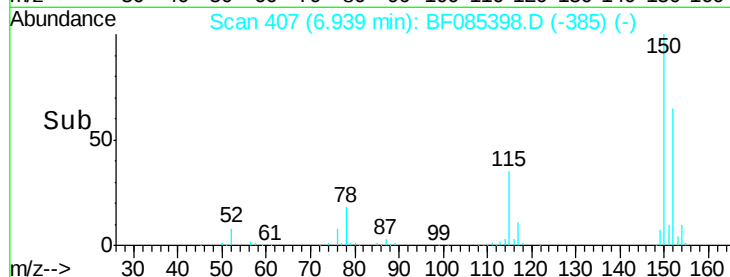
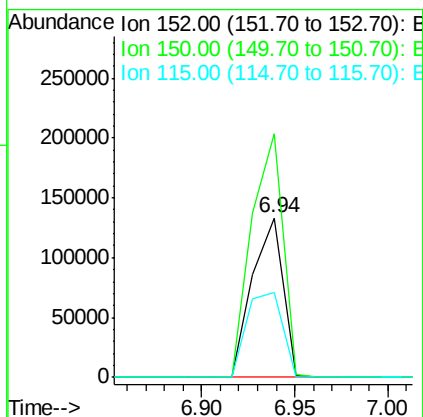
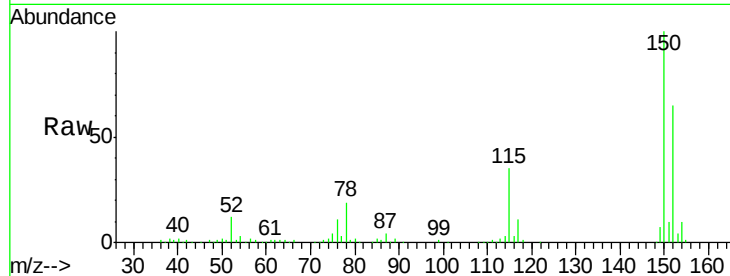




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 407
 Delta R.T. -0.05 min
 Lab File: BF085398.D
 Acq: 12 Mar 2016 4:48

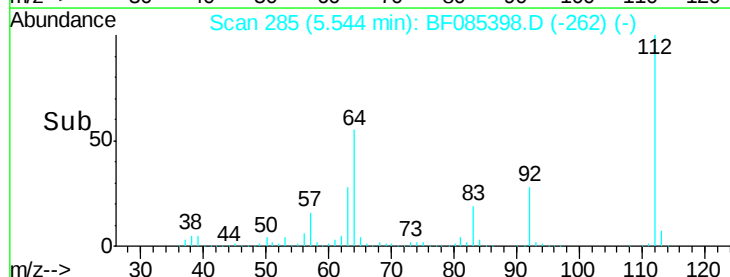
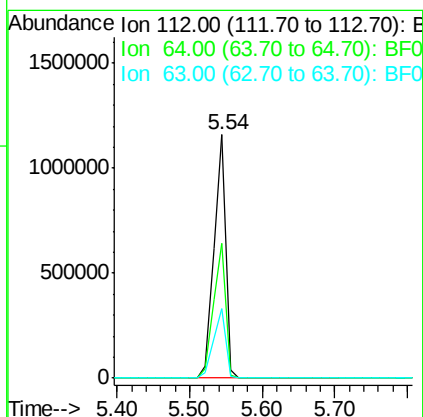
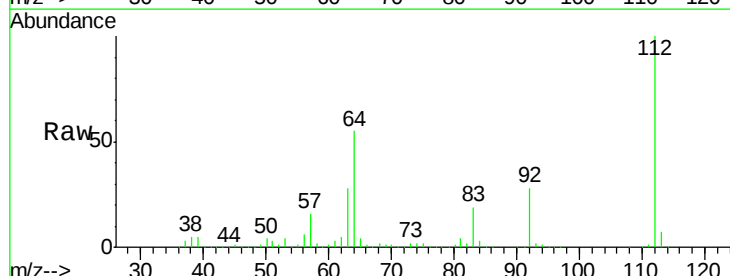
Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-25(0.5-4.5)

Tgt Ion:152 Resp: 151965
 Ion Ratio Lower Upper
 152 100
 150 152.8 124.6 186.8
 115 52.9 46.6 70.0



#5
 2-Fluorophenol
 Concen: 142.87 ng
 RT: 5.54 min Scan# 285
 Delta R.T. -0.03 min
 Lab File: BF085398.D
 Acq: 12 Mar 2016 4:48

Tgt Ion:112 Resp: 1294336
 Ion Ratio Lower Upper
 112 100
 64 55.5 49.0 73.4
 63 28.3 24.8 37.2





#7

Phenol-d6

Concen: 149.88 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085398.D

Acq: 12 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-25(0.5-4.5)

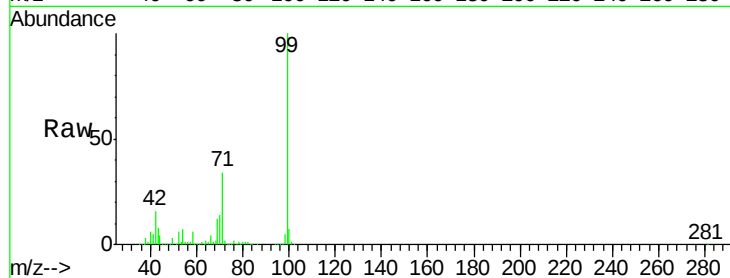
Tgt Ion: 99 Resp: 1779005

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

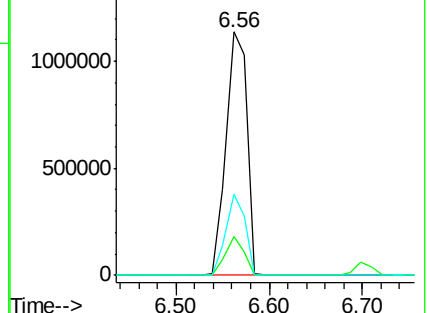
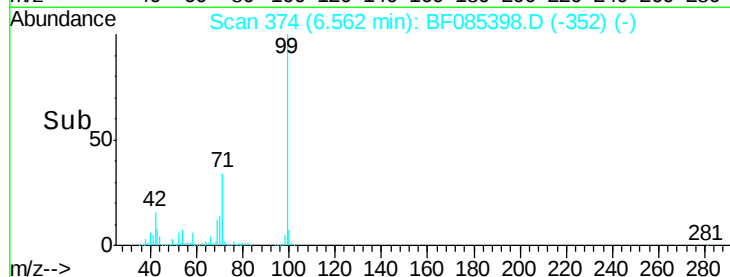
71 33.5 26.7 40.1



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: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085398.D

Acq: 12 Mar 2016 4:48

Tgt Ion: 136 Resp: 596209

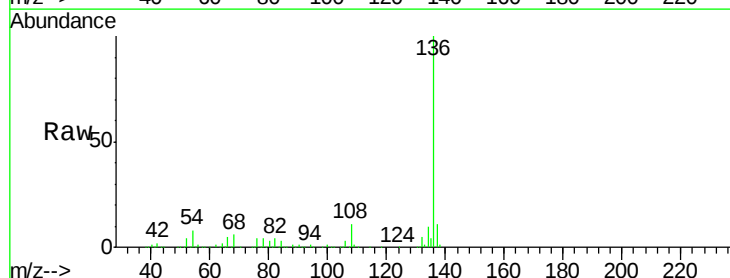
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.8 7.4 11.2

68 6.4 6.0 9.0

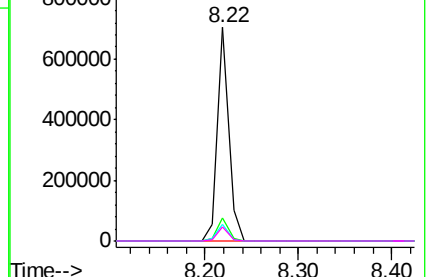
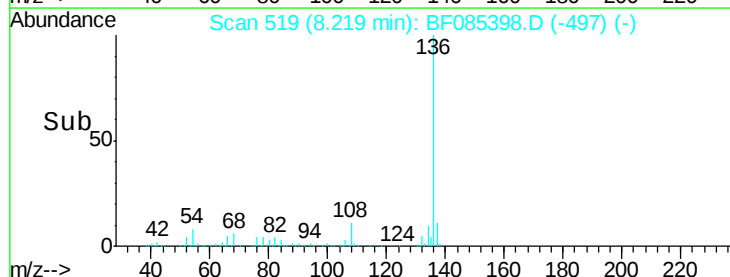


Abundance Ion 136.00 (135.70 to 136.70): E

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

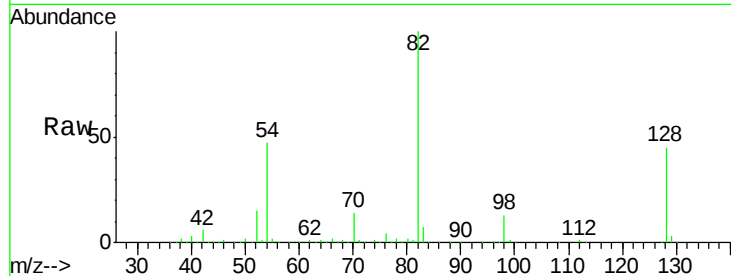




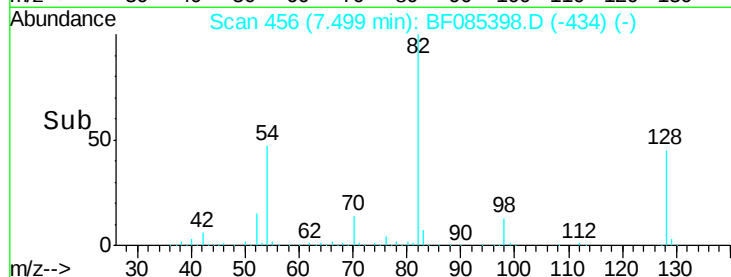
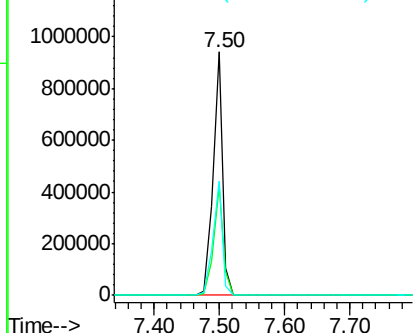
#23
 Nitrobenzene-d5
 Concen: 87.22 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085398.D
 Acq: 12 Mar 2016 4:48

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-25(0.5-4.5)

Tgt Ion: 82 Resp: 971782
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.5 51.7
 54 46.8 39.3 58.9

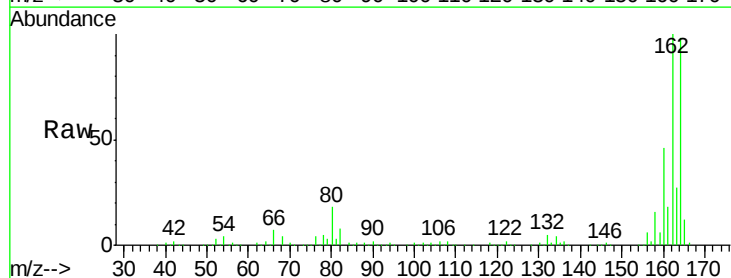


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

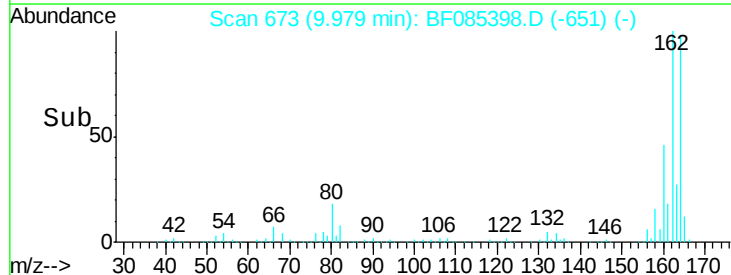
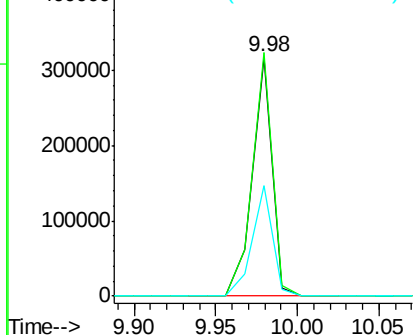


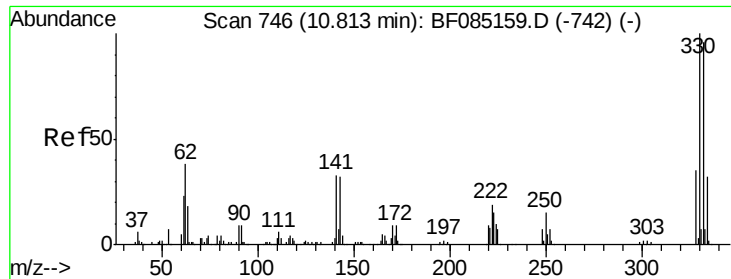
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF085398.D
 Acq: 12 Mar 2016 4:48

Tgt Ion: 164 Resp: 267453
 Ion Ratio Lower Upper
 164 100
 162 102.0 83.3 124.9
 160 46.5 37.9 56.9



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

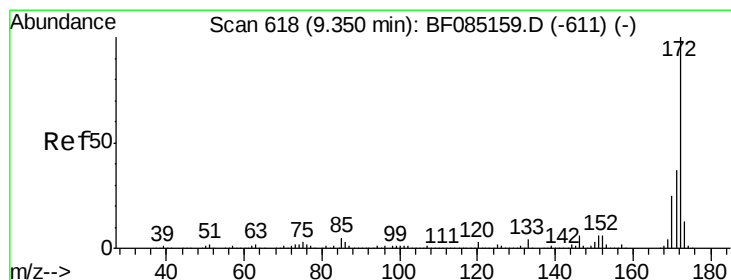
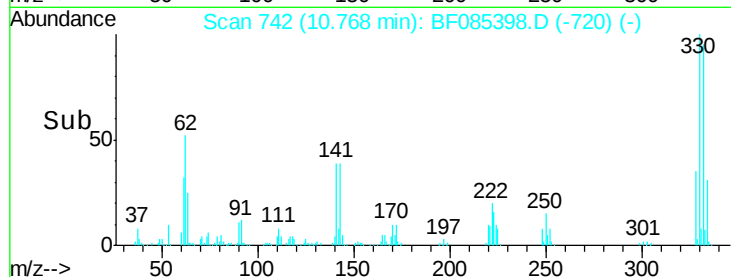
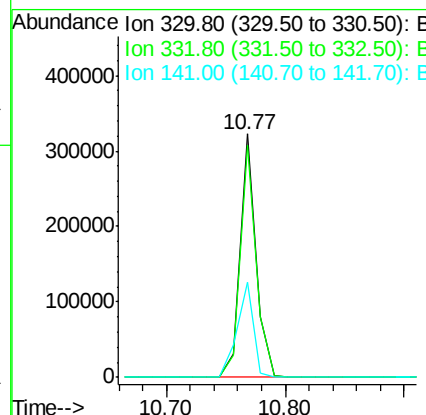
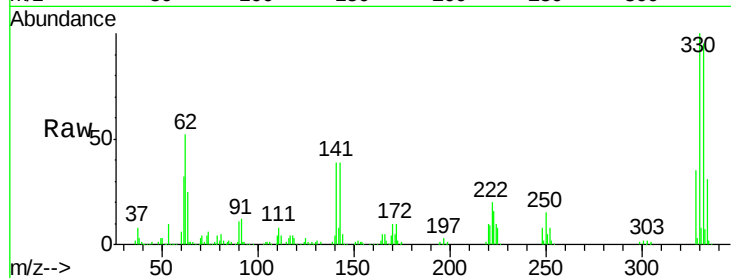




#41
 2,4,6-Tribromophenol
 Concen: 131.11 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085398.D
 Acq: 12 Mar 2016 4:48

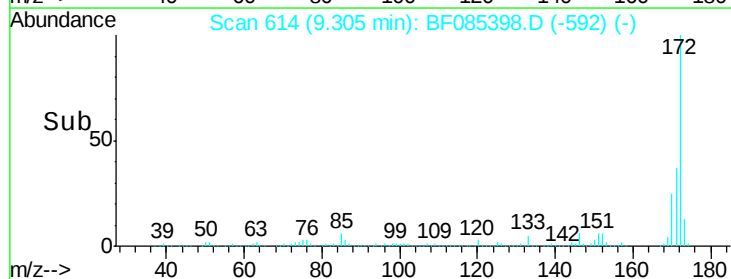
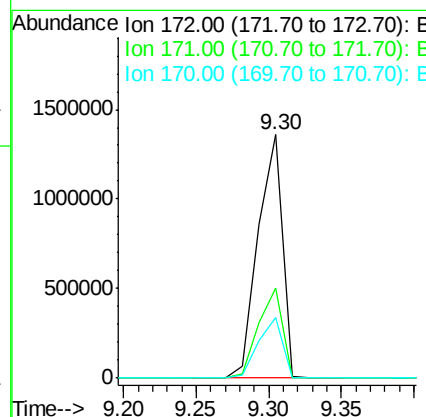
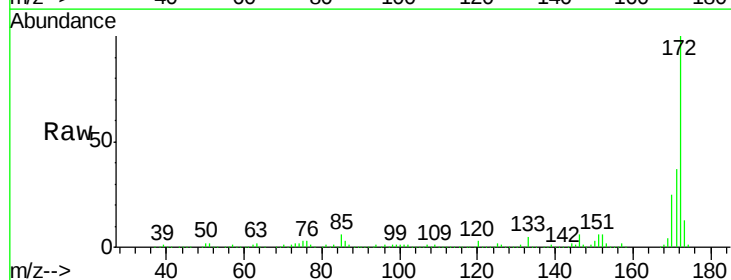
Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-25(0.5-4.5)

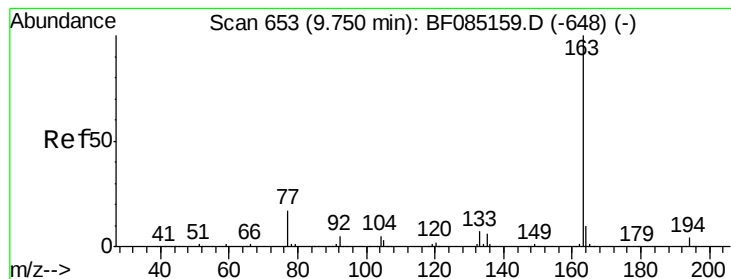
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	40.8	35.0	52.6



#44
 2-Fluorobiphenyl
 Concen: 89.65 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085398.D
 Acq: 12 Mar 2016 4:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.3	43.9
170	24.9	20.0	30.0





#49

Dimethylphthalate

Concen: 11.60 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF085398.D

Acq: 12 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-25(0.5-4.5)

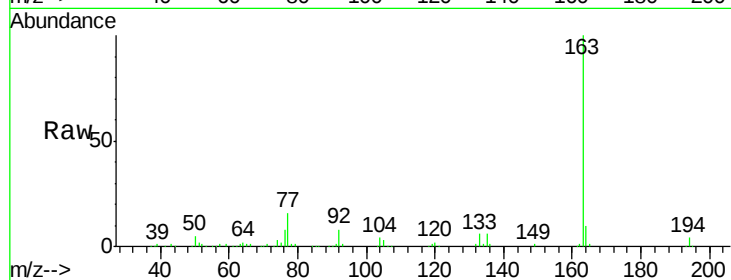
Tgt Ion:163 Resp: 238041

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

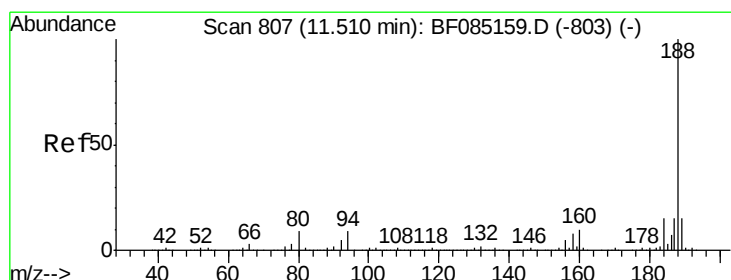
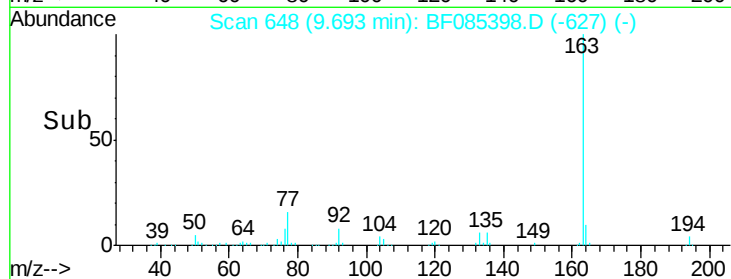
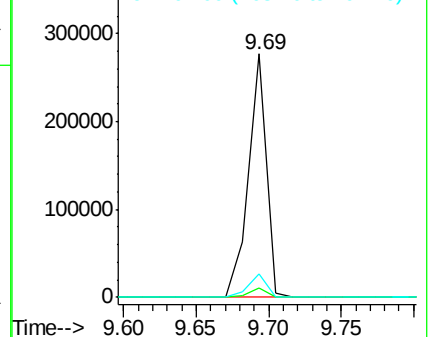
164 9.9 8.2 12.4



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: 11.46 min Scan# 803

Delta R.T. -0.05 min

Lab File: BF085398.D

Acq: 12 Mar 2016 4:48

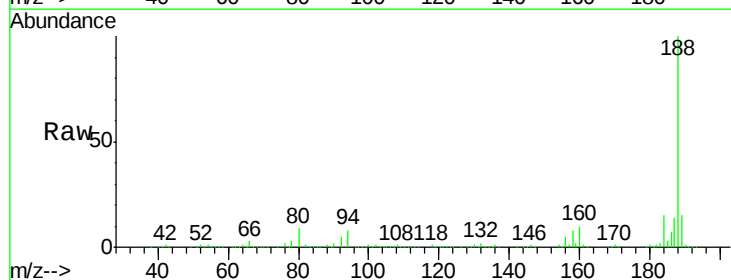
Tgt Ion:188 Resp: 427282

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

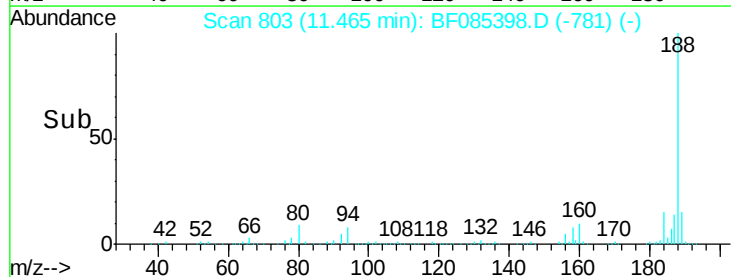
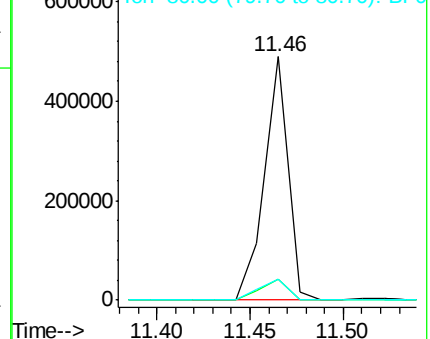
80 8.6 7.4 11.0

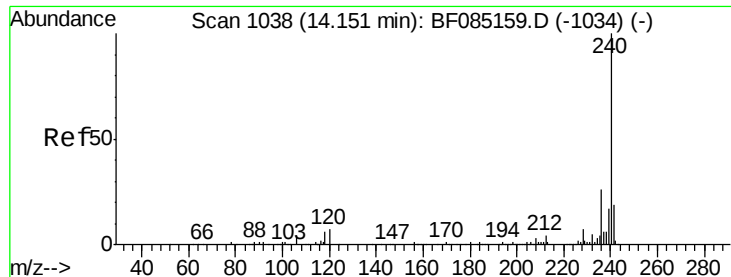


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085398.D

Acq: 12 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-25(0.5-4.5)

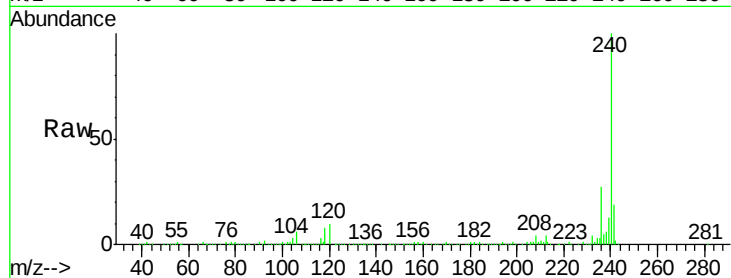
Tgt Ion:240 Resp: 289699

Ion Ratio Lower Upper

240 100

120 9.7 5.3 7.9#

236 26.5 20.7 31.1



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

14.11

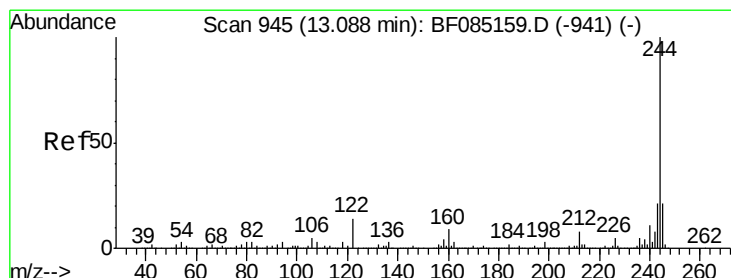
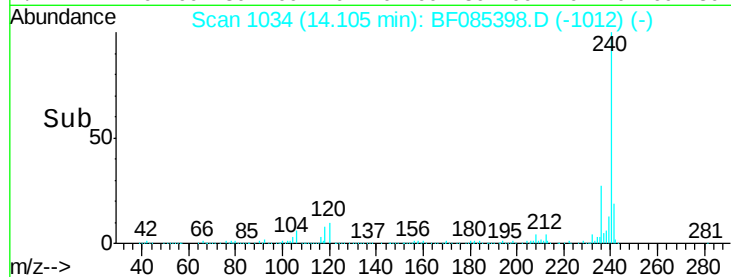
300000

200000

100000

0

Time--> 14.00 14.10 14.20



#78

Terphenyl-d14

Concen: 80.13 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085398.D

Acq: 12 Mar 2016 4:48

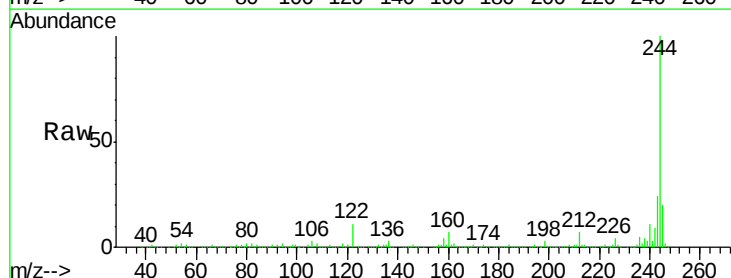
Tgt Ion:244 Resp: 999934

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

122 10.9 11.4 17.2#



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

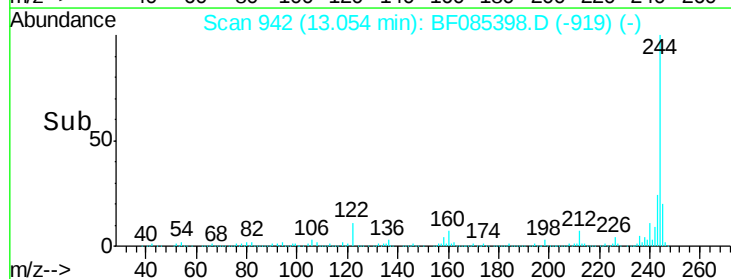
13.05

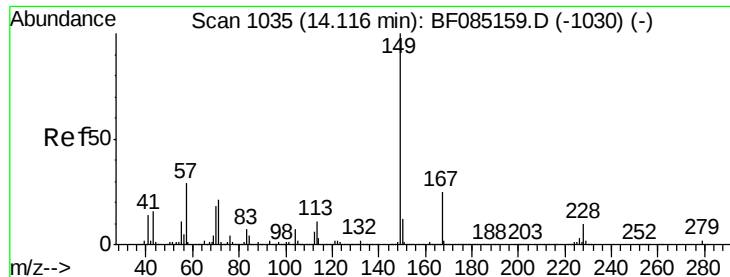
1000000

500000

0

Time--> 13.00 13.10 13.20

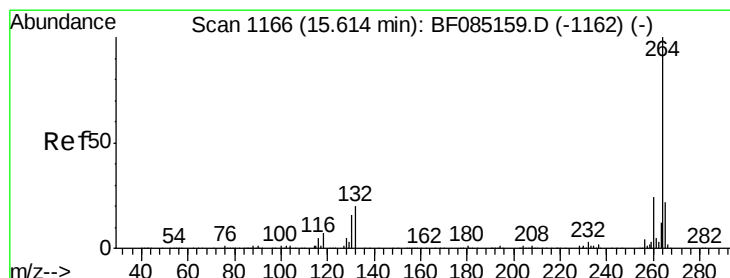
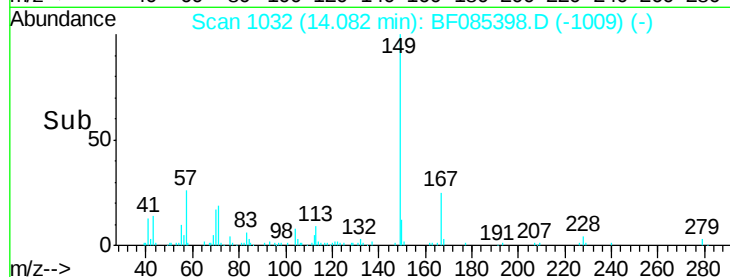
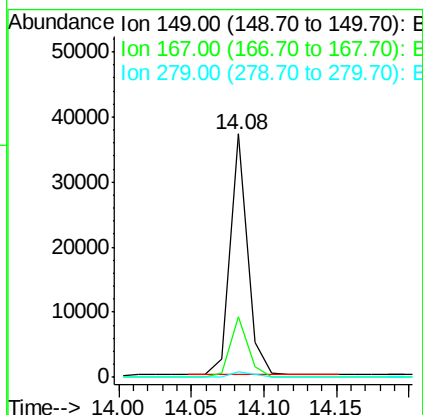
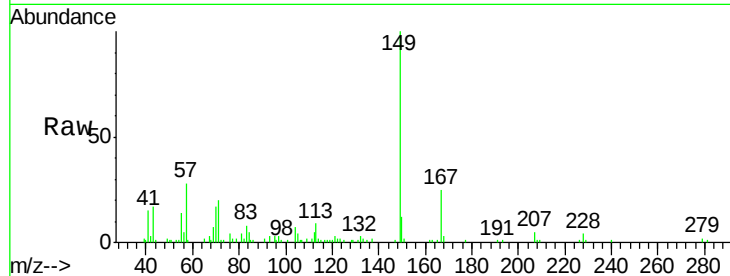




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.38 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF085398.D
 Acq: 12 Mar 2016 4:48

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-25(0.5-4.5)

Tgt Ion:149 Resp: 30985
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.3 30.5
 279 2.5 1.9 2.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF085398.D
 Acq: 12 Mar 2016 4:48

Tgt Ion:264 Resp: 272504
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.3 17.3 25.9

