

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085138.D
 Acq On : 3 Mar 2016 00:01
 Operator : SJ/IZ
 Sample : H1623-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-30-022516

Quant Time: Mar 03 06:41:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

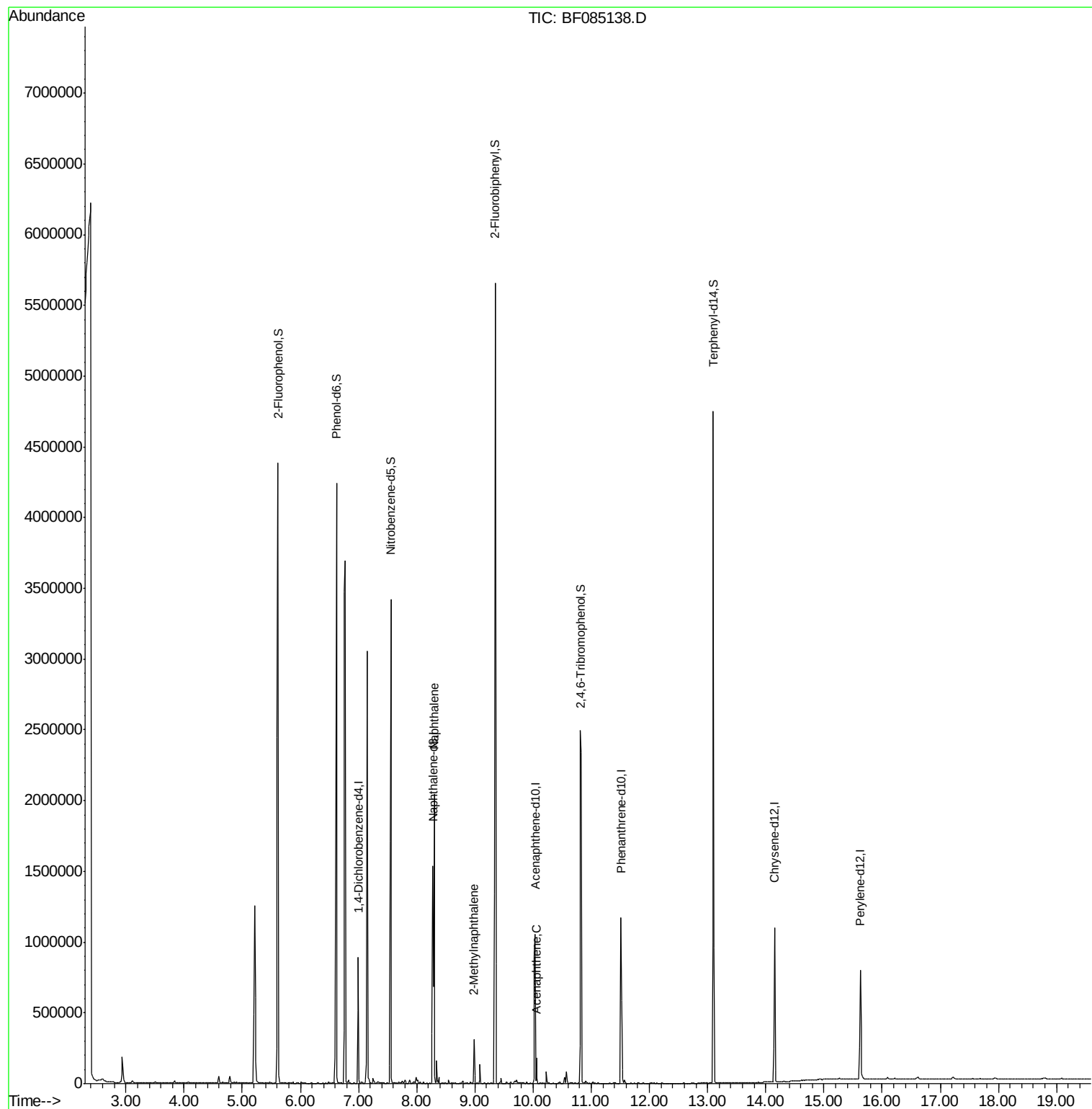
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	160538	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	659644	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	288932	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	488300	20.00	ng	0.00
75) Chrysene-d12	14.15	240	365163	20.00	ng	0.00
86) Perylene-d12	15.63	264	369113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1395235	141.09	ng	0.03
7) Phenol-d6	6.62	99	1633186	125.98	ng	0.00
23) Nitrobenzene-d5	7.56	82	1257299	101.41	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	525426	180.96	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1764340	89.93	ng	0.00
78) Terphenyl-d14	13.10	244	1521881	97.77	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.30	128	918162	27.52	ng	98
37) 2-Methylnaphthalene	8.98	142	80288	3.94	ng	98
51) Acenaphthene	10.06	154	39233	2.25	ng	96

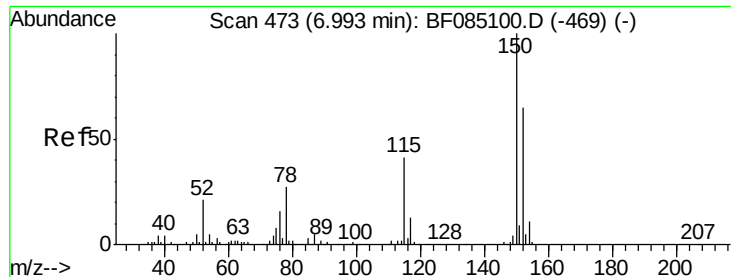
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085138.D
Acq On : 3 Mar 2016 00:01
Operator : SJ/IZ
Sample : H1623-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-30-022516

Quant Time: Mar 03 06:41:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration



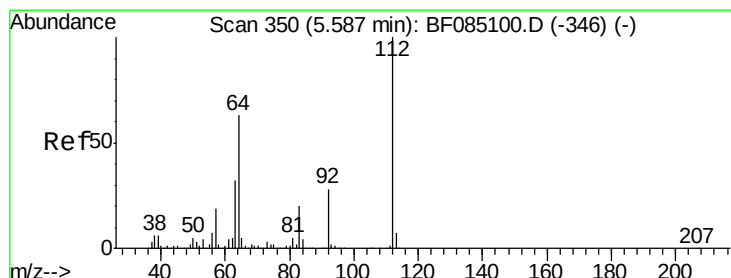
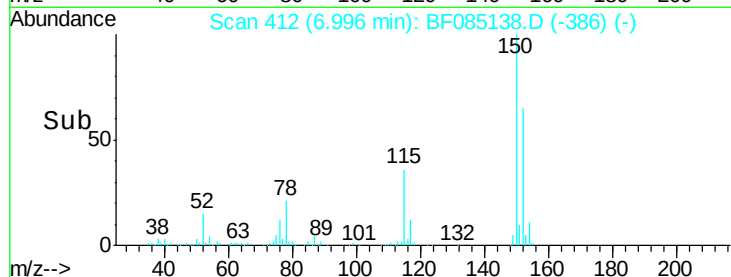
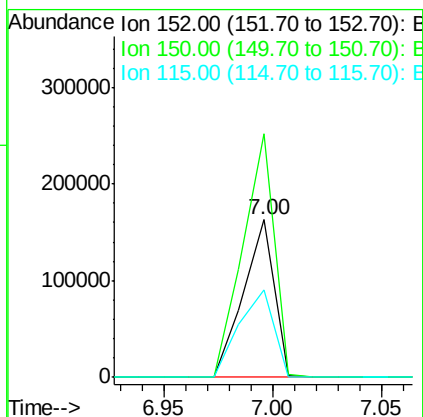
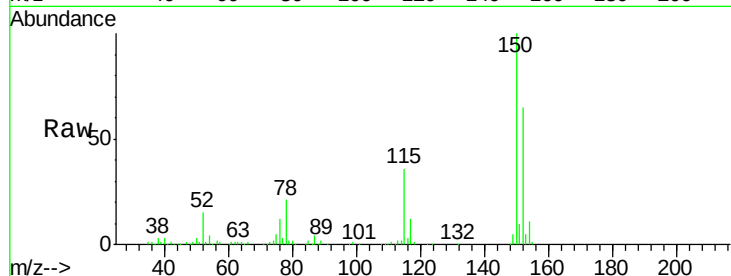


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085138.D
Acq: 3 Mar 2016 00:01

Instrument :
BNA_F
ClientSampleId :
HSR-WC-30-022516

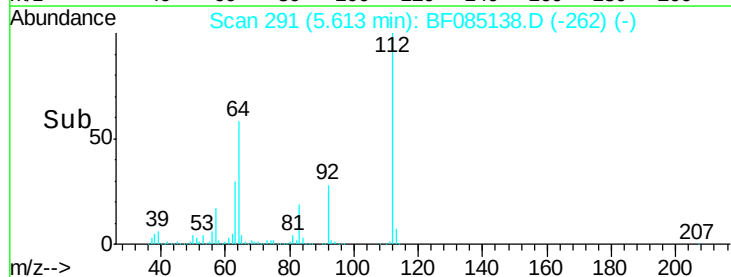
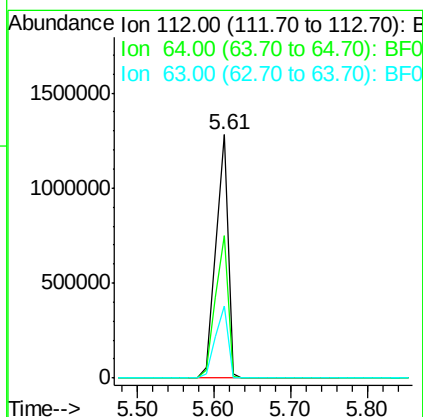
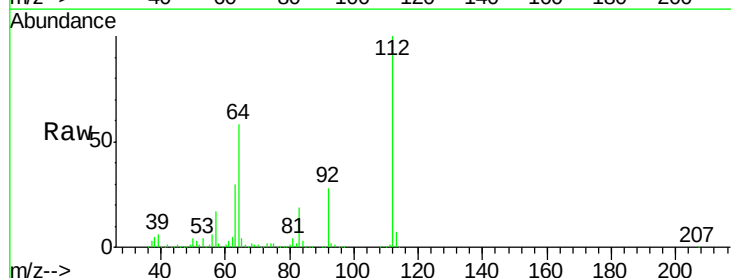
Tgt Ion:152 Resp: 160538
Ion Ratio Lower Upper
152 100
150 154.7 123.4 185.0
115 55.4 50.0 75.0

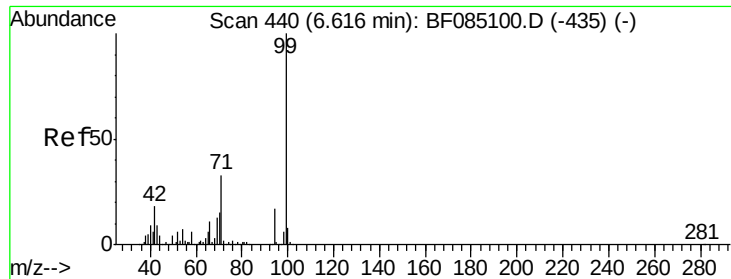


#5

2-Fluorophenol
Concen: 141.09 ng
RT: 5.61 min Scan# 291
Delta R.T. 0.03 min
Lab File: BF085138.D
Acq: 3 Mar 2016 00:01

Tgt Ion:112 Resp: 1395235
Ion Ratio Lower Upper
112 100
64 58.4 50.6 76.0
63 29.6 25.5 38.3





#7

Phenol-d6

Concen: 125.98 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085138.D

Acq: 3 Mar 2016 00:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-30-022516

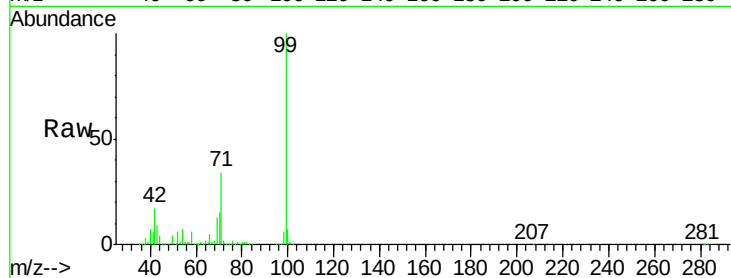
Tgt Ion: 99 Resp: 1633186

Ion Ratio Lower Upper

99 100

42 17.1 14.1 21.1

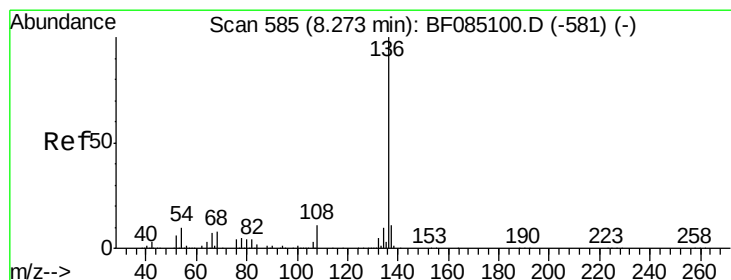
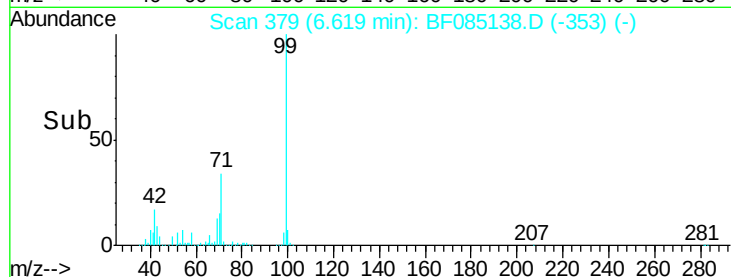
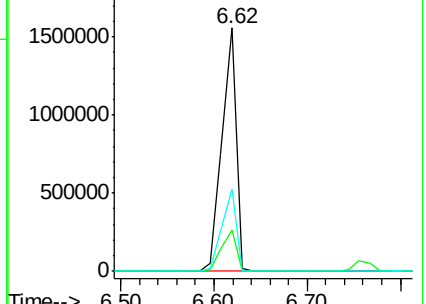
71 33.8 26.8 40.2



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: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085138.D

Acq: 3 Mar 2016 00:01

Tgt Ion: 136 Resp: 659644

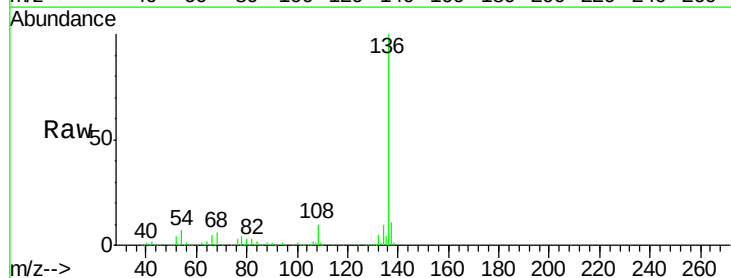
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 7.1 8.5 12.7#

68 5.9 6.4 9.6#

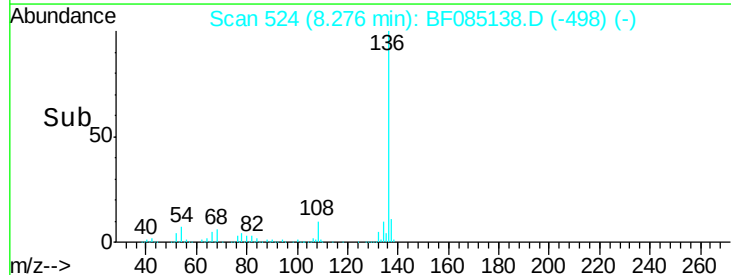
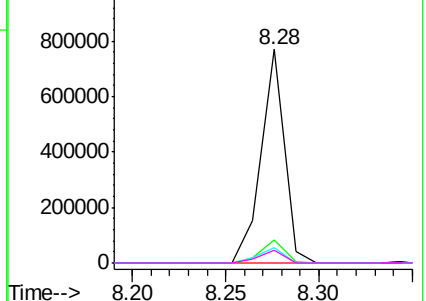


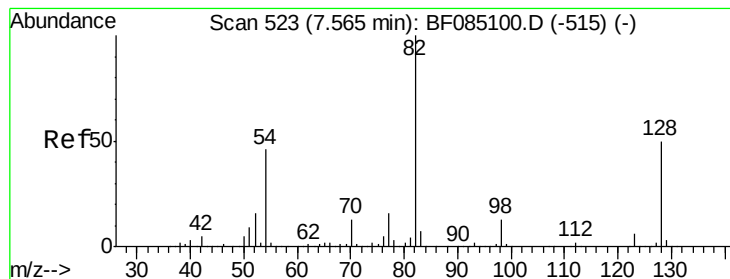
Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.41 ng

RT: 7.56 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF085138.D

Acq: 3 Mar 2016 00:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-30-022516

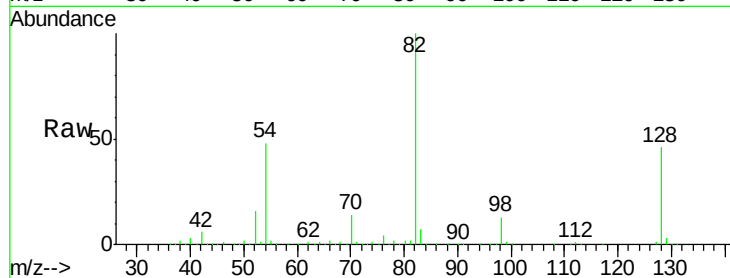
Tgt Ion: 82 Resp: 1257299

Ion Ratio Lower Upper

82 100

128 46.4 39.8 59.6

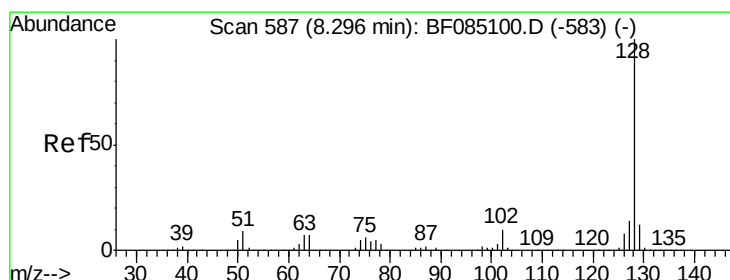
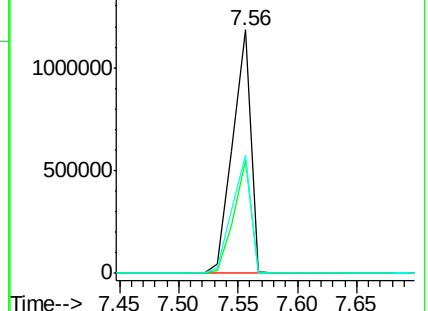
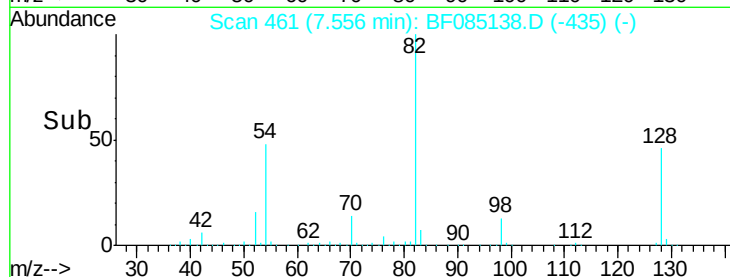
54 48.3 36.6 54.8



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



#31

Naphthalene

Concen: 27.52 ng

RT: 8.30 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF085138.D

Acq: 3 Mar 2016 00:01

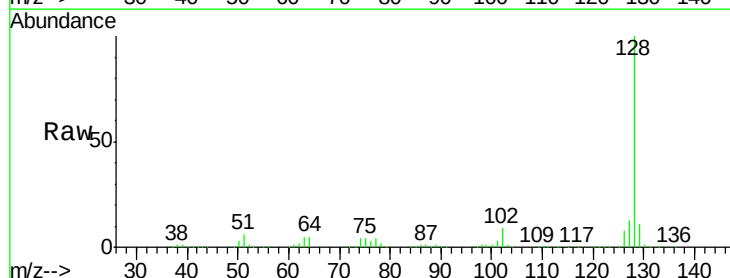
Tgt Ion: 128 Resp: 918162

Ion Ratio Lower Upper

128 100

129 11.2 9.7 14.5

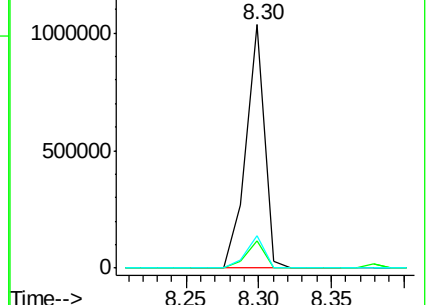
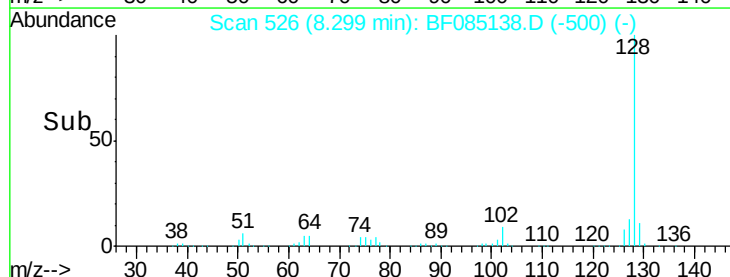
127 13.3 11.1 16.7

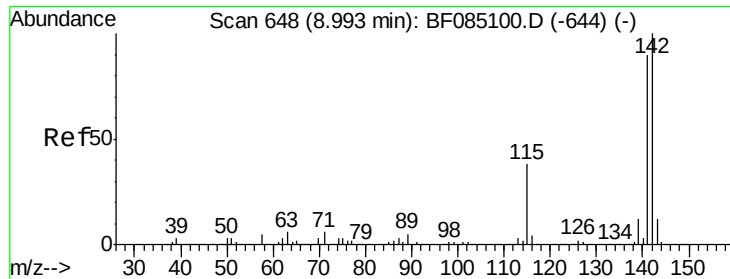


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

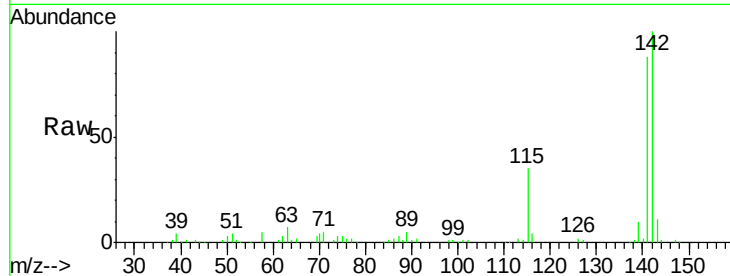




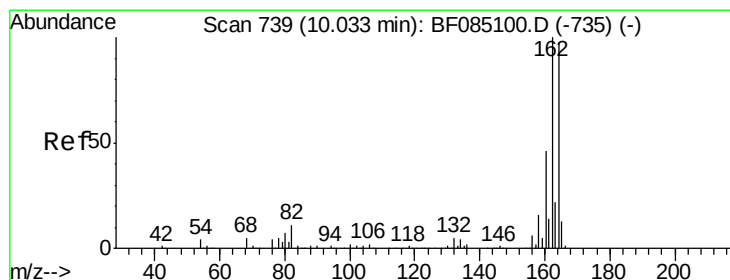
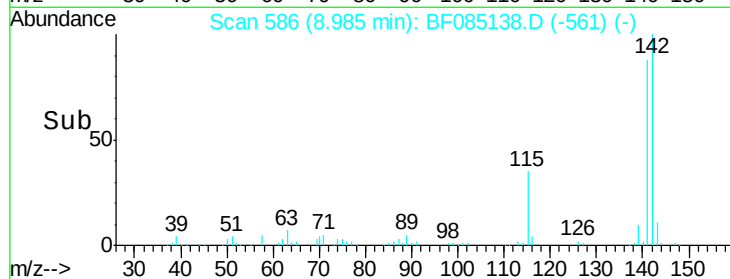
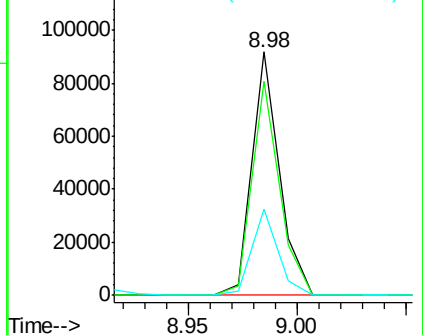
#37
 2-Methylnaphthalene
 Concen: 3.94 ng
 RT: 8.98 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF085138.D
 Acq: 3 Mar 2016 00:01

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-30-022516

Tgt Ion:142 Resp: 80288
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.7 107.5
 115 35.3 30.1 45.1

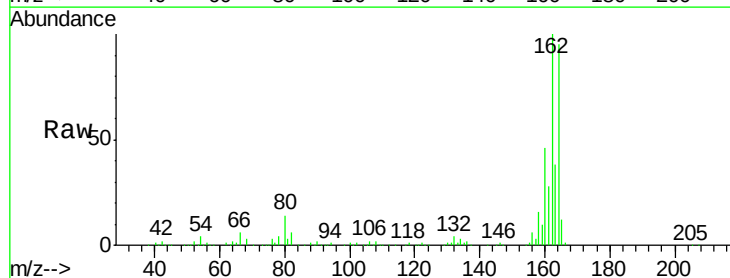


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

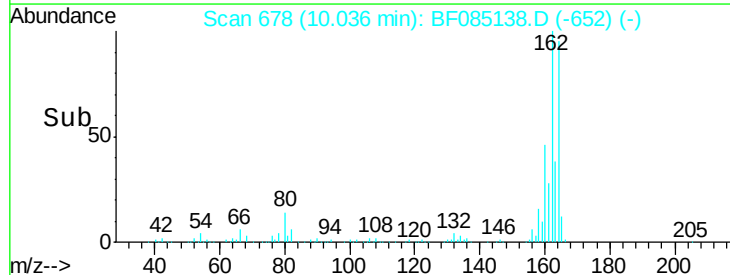
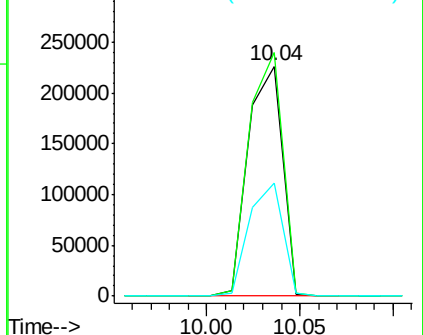


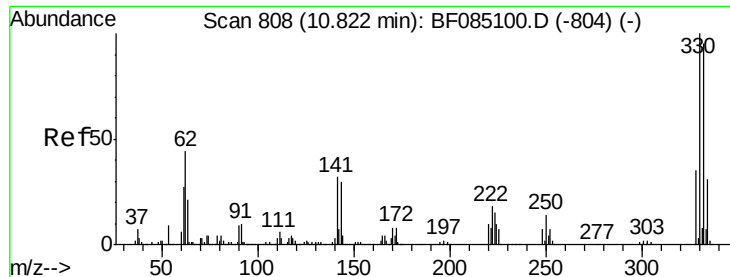
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF085138.D
 Acq: 3 Mar 2016 00:01

Tgt Ion:164 Resp: 288932
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.6 123.8
 160 49.0 38.2 57.2



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

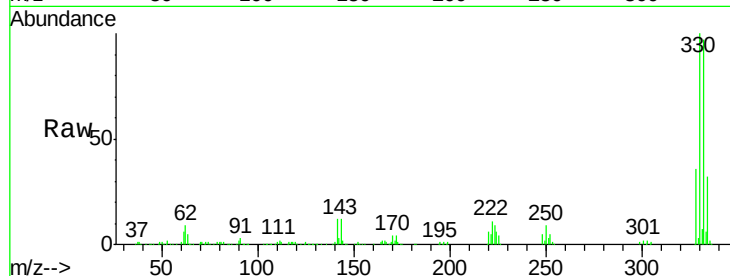




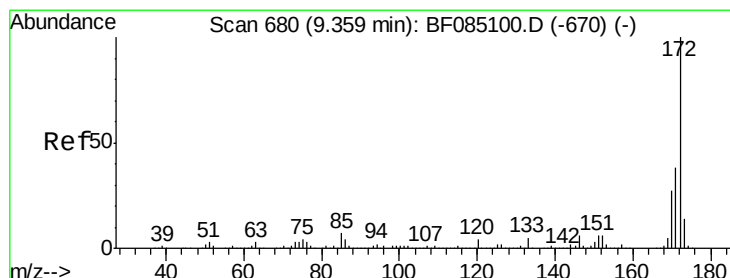
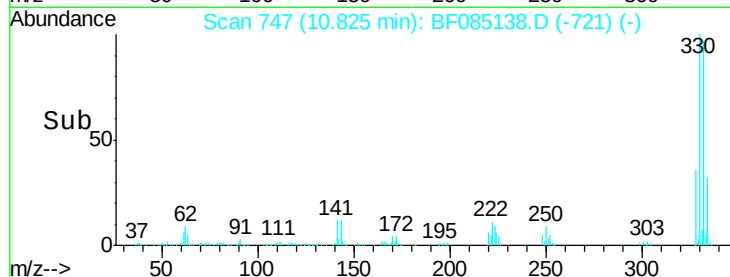
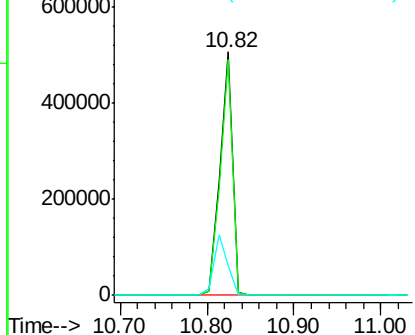
#41
 2,4,6-Tribromophenol
 Concen: 180.96 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085138.D
 Acq: 3 Mar 2016 00:01

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-30-022516

Tgt Ion:330 Resp: 525426
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.9 113.9
 141 26.6 28.9 43.3#

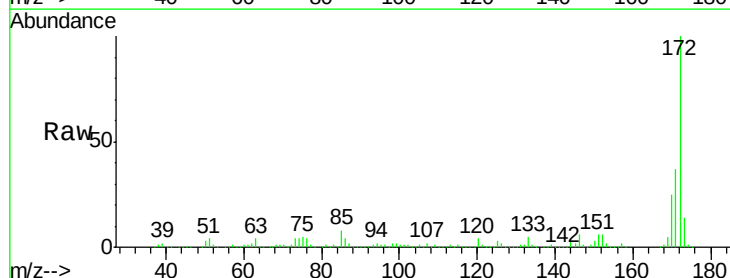


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

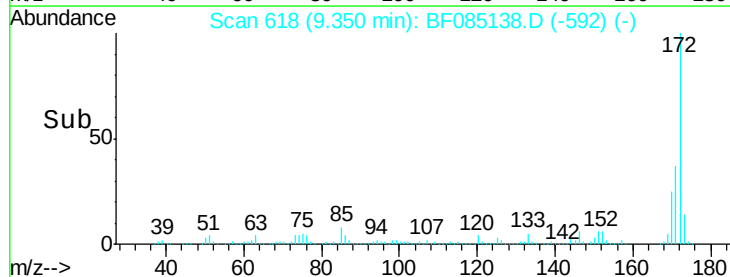
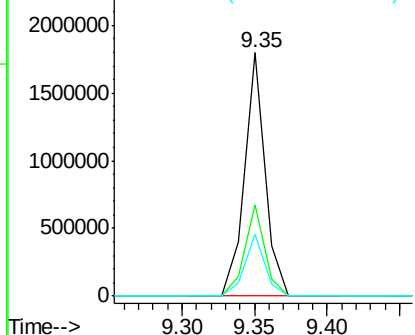


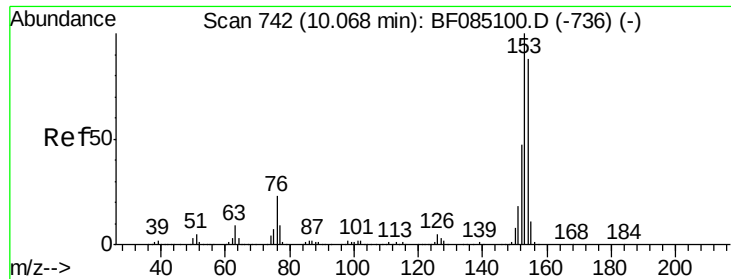
#44
 2-Fluorobiphenyl
 Concen: 89.93 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085138.D
 Acq: 3 Mar 2016 00:01

Tgt Ion:172 Resp: 1764340
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.5 45.7
 170 25.5 21.2 31.8



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





#51

Acenaphthene

Concen: 2.25 ng

RT: 10.06 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF085138.D

Acq: 3 Mar 2016 00:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-30-022516

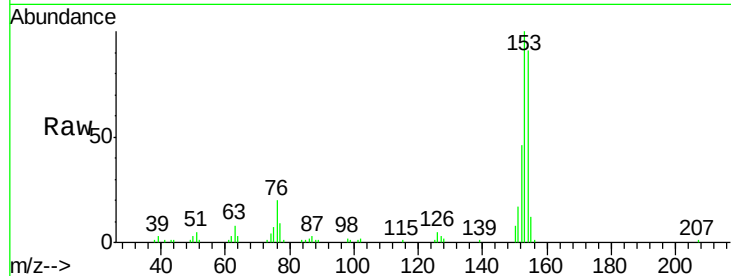
Tgt Ion:154 Resp: 39233

Ion Ratio Lower Upper

154 100

153 109.7 91.0 136.6

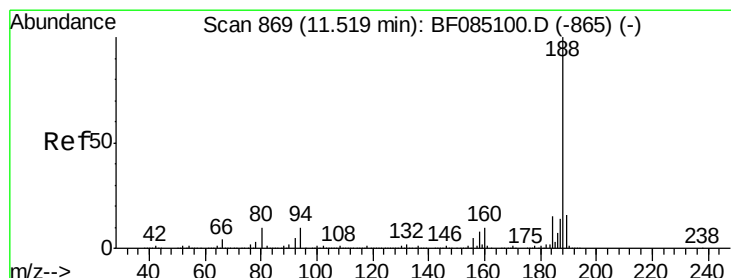
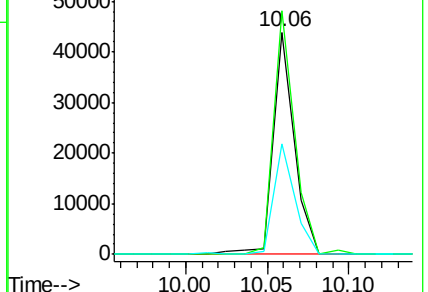
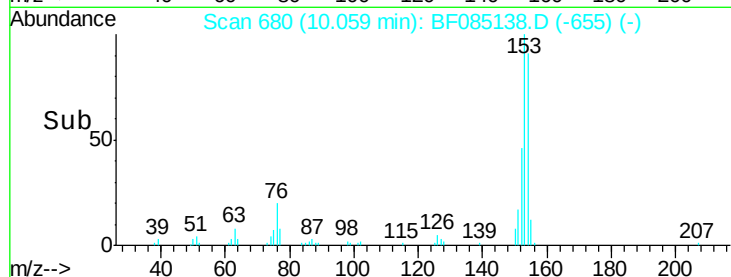
152 50.1 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF085138.D

Acq: 3 Mar 2016 00:01

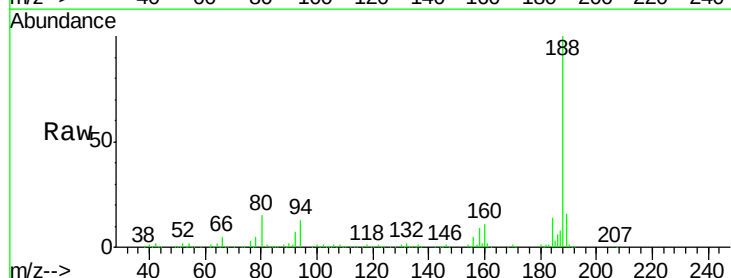
Tgt Ion:188 Resp: 488300

Ion Ratio Lower Upper

188 100

94 13.2 7.8 11.6#

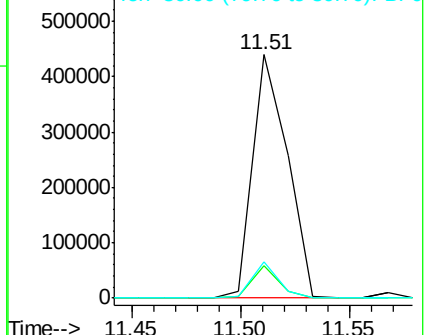
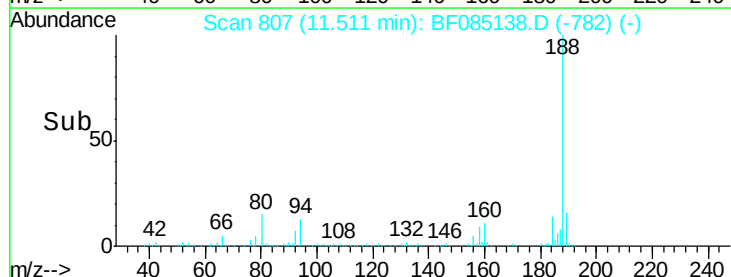
80 14.9 8.2 12.4#

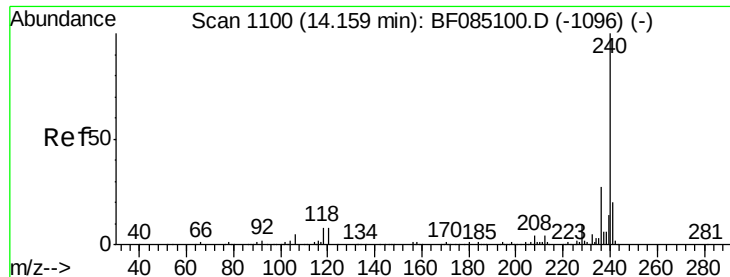


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.15 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085138.D

Acq: 3 Mar 2016 00:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-30-022516

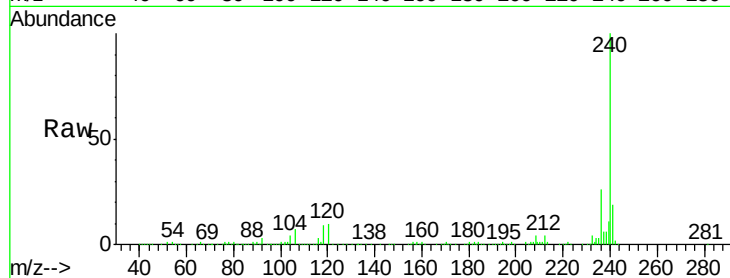
Tgt Ion:240 Resp: 365163

Ion Ratio Lower Upper

240 100

120 10.1 6.7 10.1

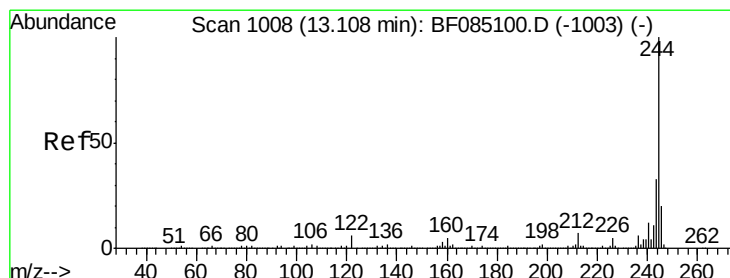
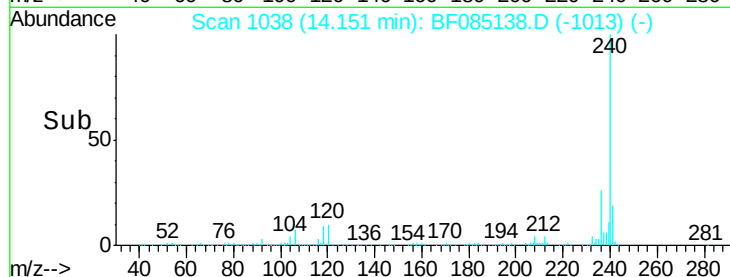
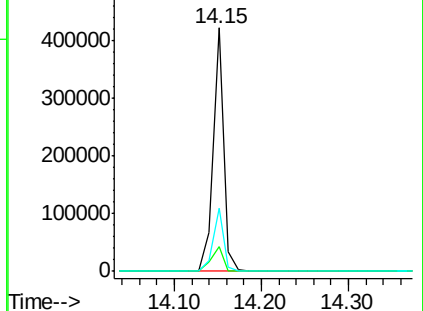
236 25.9 21.6 32.4



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: 97.77 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085138.D

Acq: 3 Mar 2016 00:01

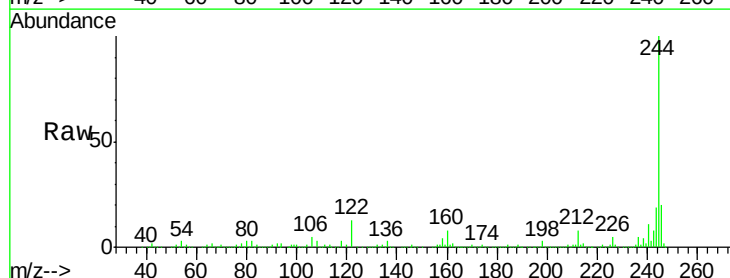
Tgt Ion:244 Resp: 1521881

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

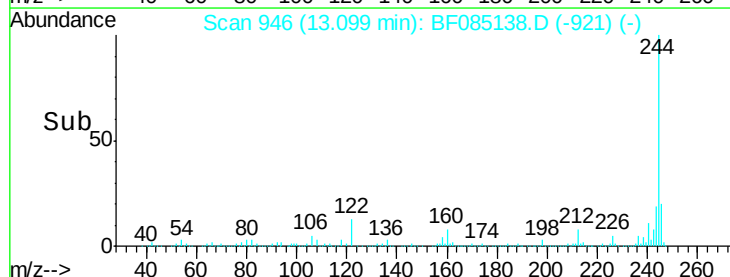
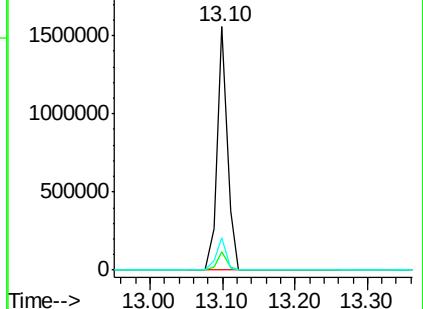
122 13.3 5.1 7.7#

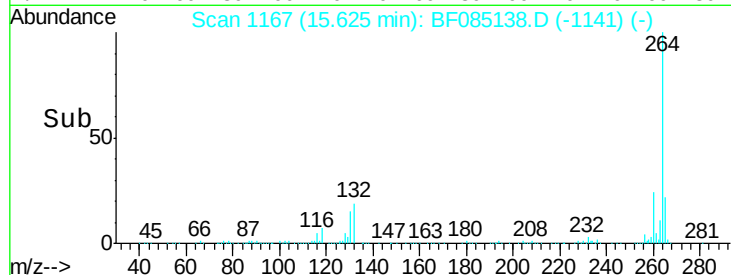
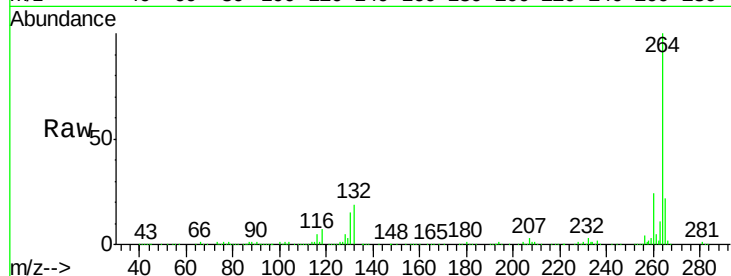
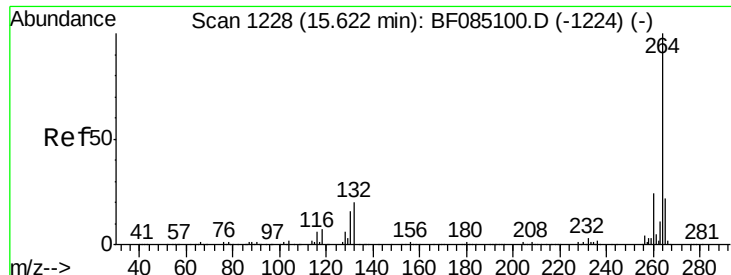


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.63 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF085138.D
Acq: 3 Mar 2016 00:01

Instrument :
BNA_F
ClientSampleId :
HSR-WC-30-022516

Tgt Ion:	264	Resp:	369113
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.1	17.4	26.2

