

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085148.D
 Acq On : 3 Mar 2016 4:39
 Operator : SJ/IZ
 Sample : H1623-13
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-40-022516

Quant Time: Mar 03 06:36:36 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

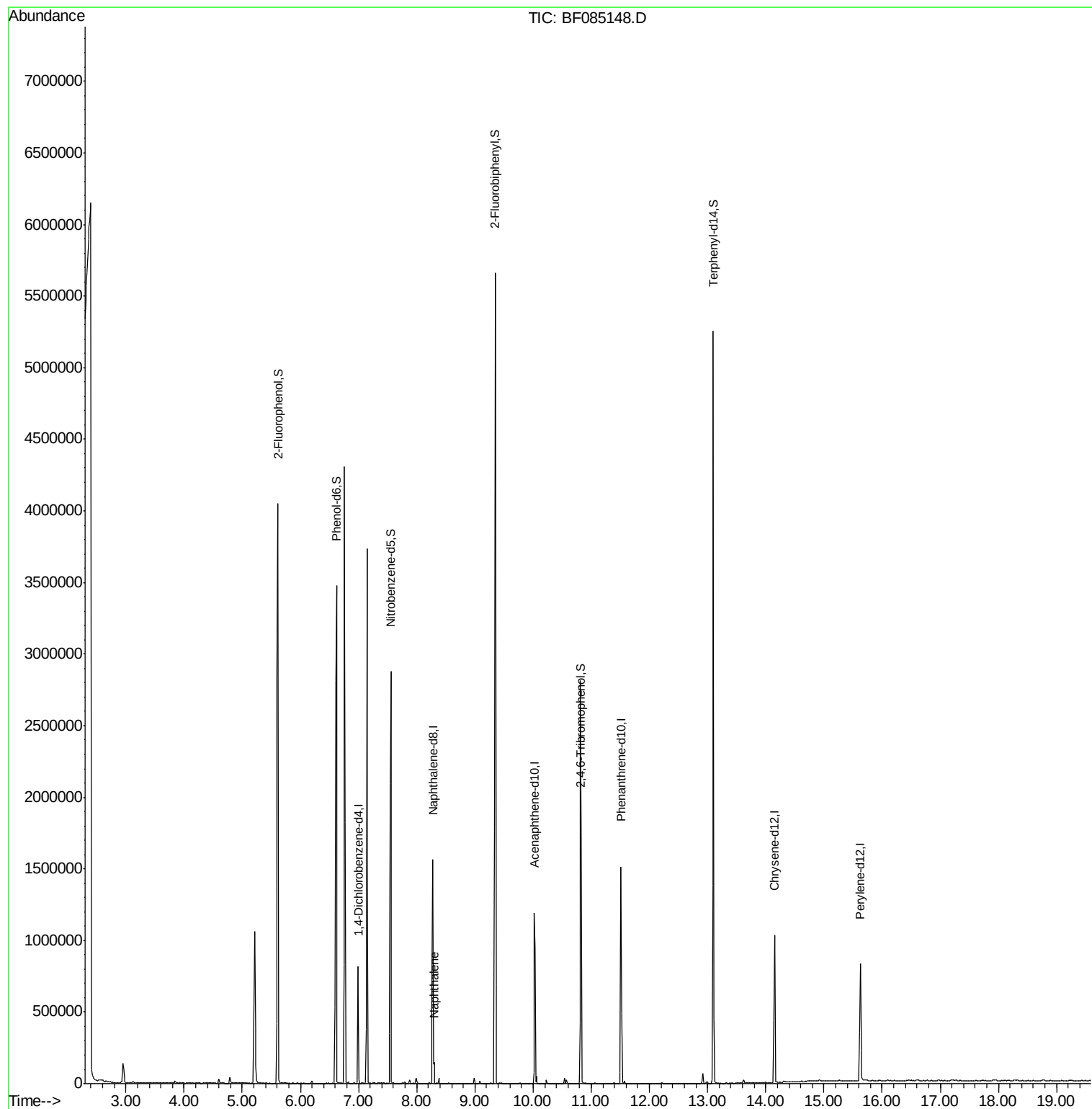
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	173374	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	739991	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	324689	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	563640	20.00	ng	0.00
75) Chrysene-d12	14.15	240	393144	20.00	ng	0.00
86) Perylene-d12	15.63	264	374795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1483179	138.88	ng	0.03
7) Phenol-d6	6.62	99	1778587	127.04	ng	0.00
23) Nitrobenzene-d5	7.56	82	1278487	91.92	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	513108	157.25	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1850797	83.95	ng	0.00
78) Terphenyl-d14	13.10	244	1600338	95.49	ng	0.00
Target Compounds						
31) Naphthalene	8.30	128	88136	2.36	ng	Qvalue 96

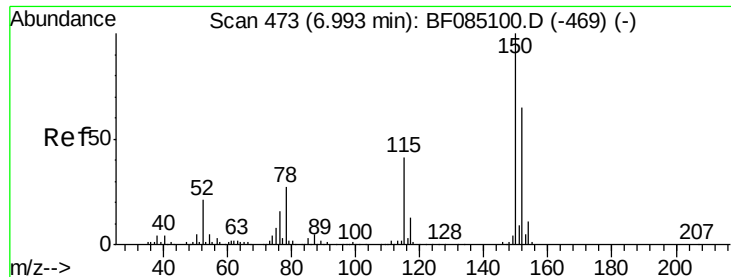
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



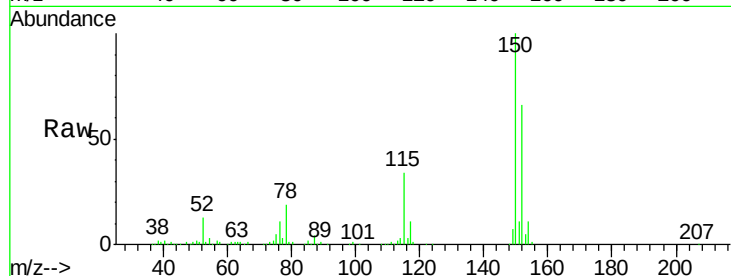


#1

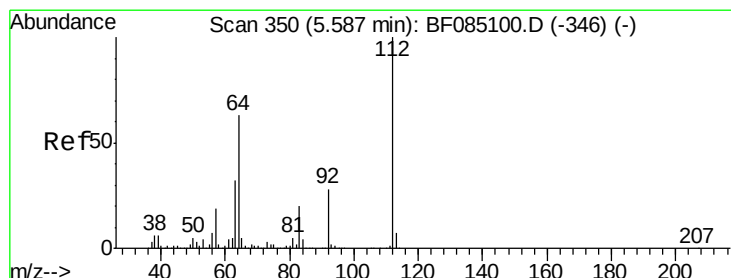
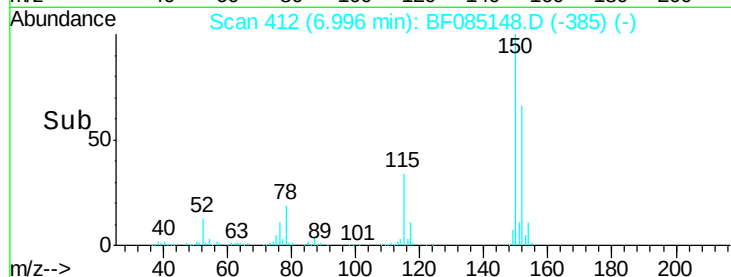
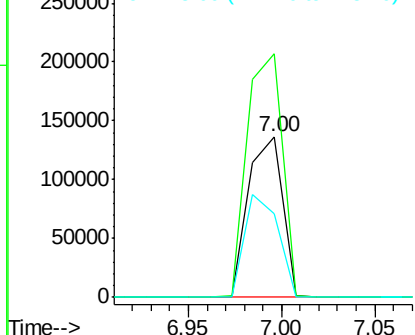
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085148.D
Acq: 3 Mar 2016 4:39

Instrument :
BNA_F
ClientSampleId :
HSR-WC-40-022516

Tgt Ion:152 Resp: 173374
Ion Ratio Lower Upper
152 100
150 151.6 123.4 185.0
115 51.8 50.0 75.0



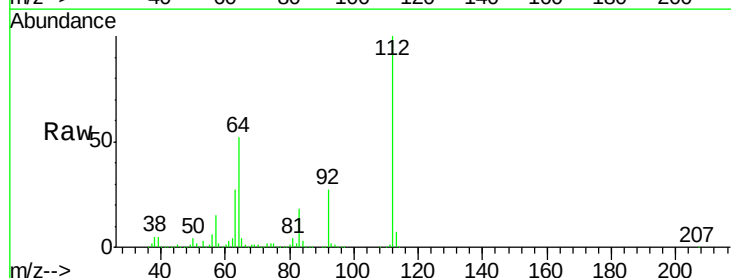
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



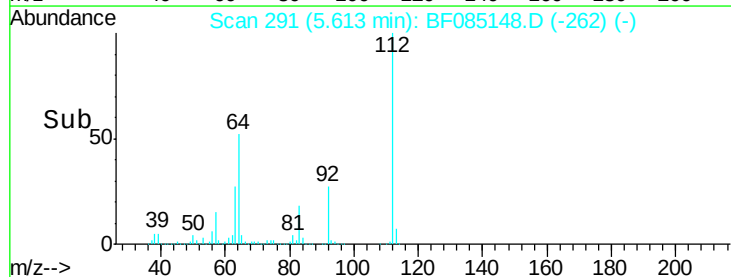
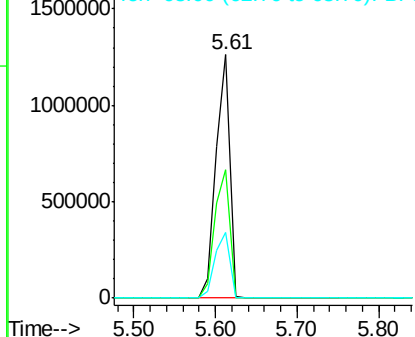
#5

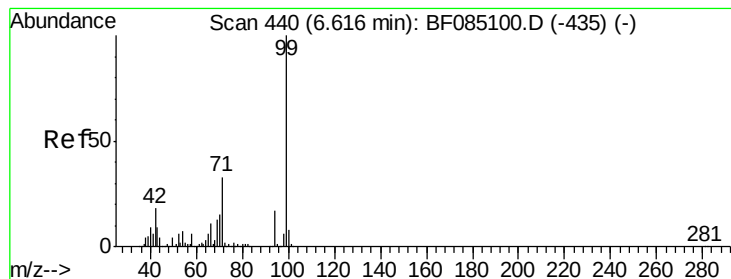
2-Fluorophenol
Concen: 138.88 ng
RT: 5.61 min Scan# 291
Delta R.T. 0.03 min
Lab File: BF085148.D
Acq: 3 Mar 2016 4:39

Tgt Ion:112 Resp: 1483179
Ion Ratio Lower Upper
112 100
64 52.5 50.6 76.0
63 26.8 25.5 38.3



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: 127.04 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085148.D

Acq: 3 Mar 2016 4:39

Instrument :

BNA_F

ClientSampleId :

HSR-WC-40-022516

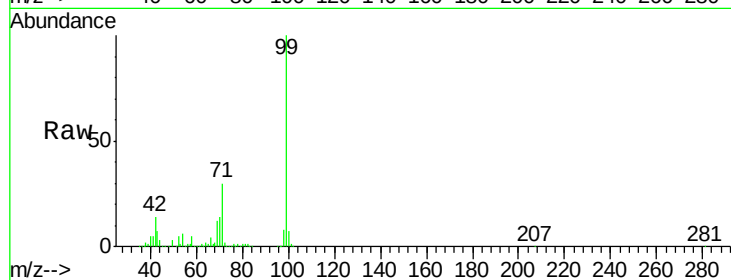
Tgt Ion: 99 Resp: 1778587

Ion Ratio Lower Upper

99 100

42 13.7 14.1 21.1#

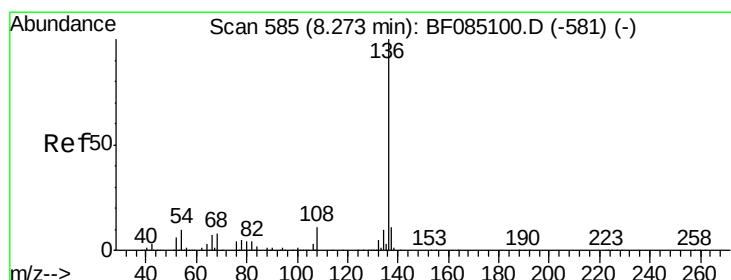
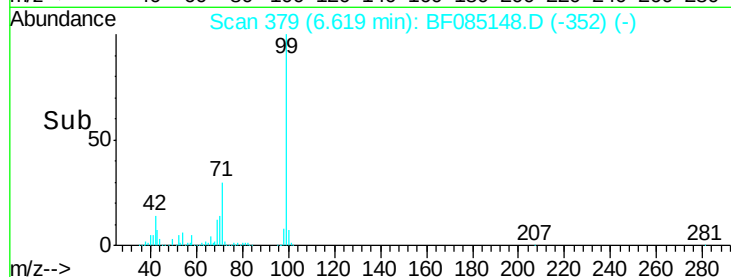
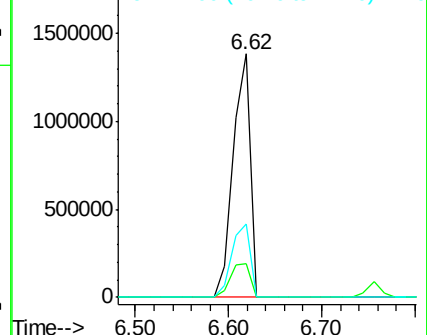
71 30.0 26.8 40.2



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: BF085148.D

Acq: 3 Mar 2016 4:39

Tgt Ion: 136 Resp: 739991

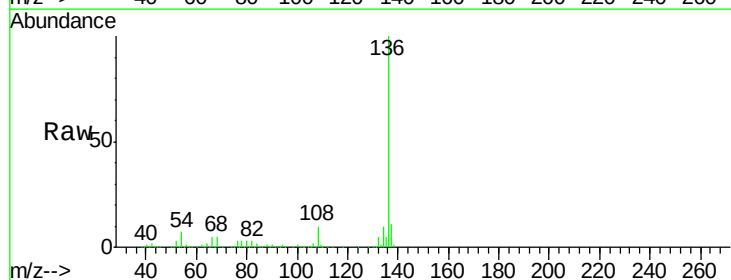
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.5 8.5 12.7#

68 5.5 6.4 9.6#

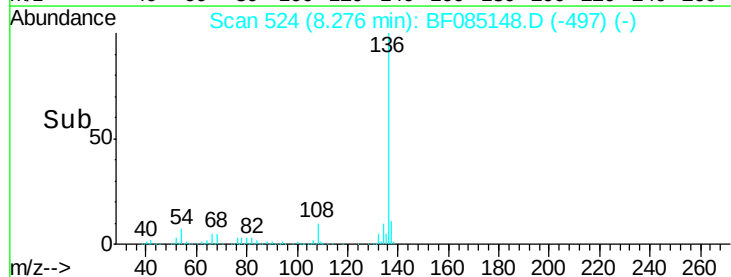
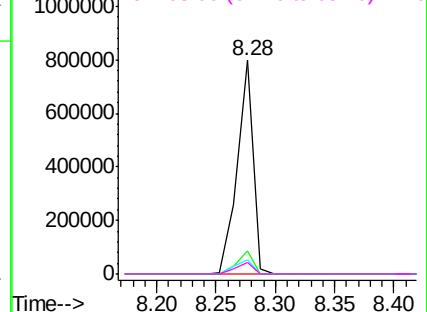


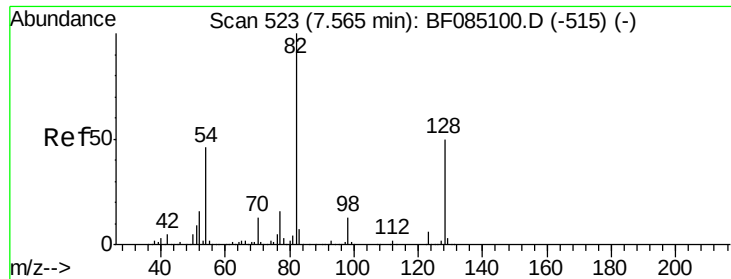
Abundance Ion 136.00 (135.70 to 136.70): E

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

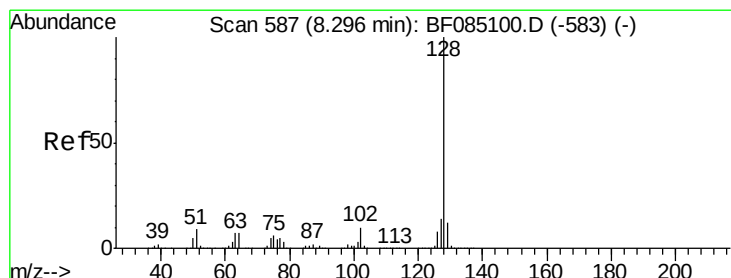
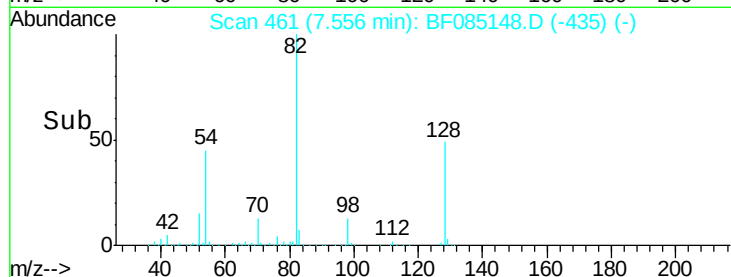
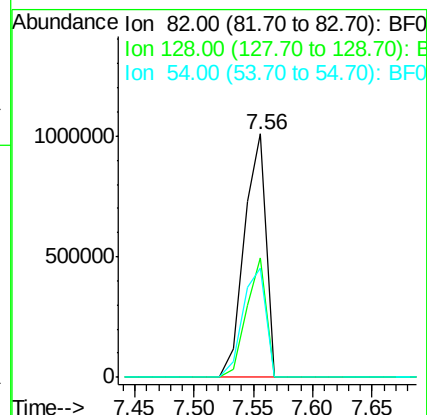
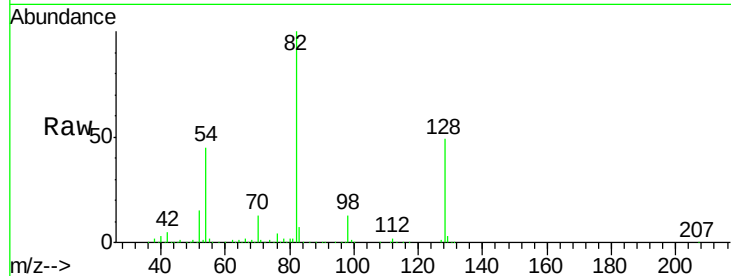




#23
Nitrobenzene-d5
Concen: 91.92 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085148.D
Acq: 3 Mar 2016 4:39

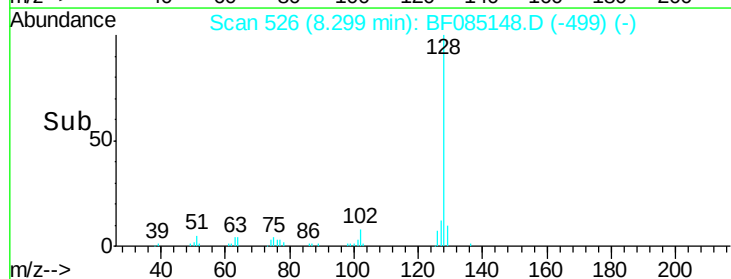
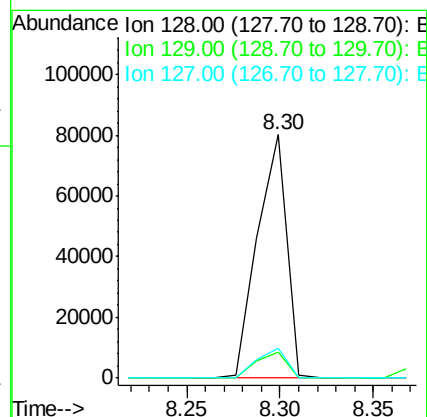
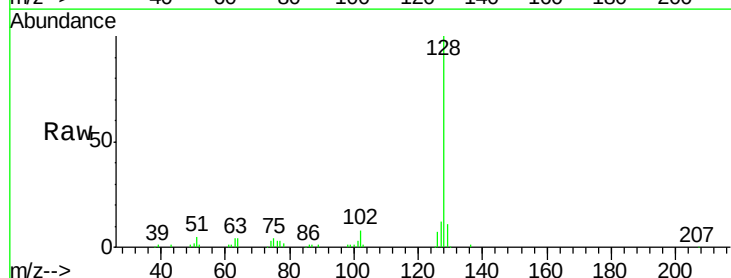
Instrument :
BNA_F
ClientSampleId :
HSR-WC-40-022516

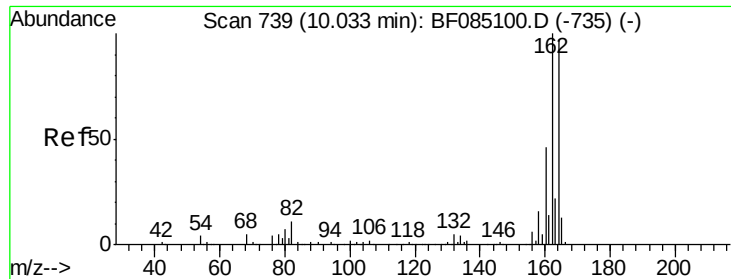
Tgt Ion: 82 Resp: 1278487
Ion Ratio Lower Upper
82 100
128 49.3 39.8 59.6
54 44.8 36.6 54.8



#31
Naphthalene
Concen: 2.36 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF085148.D
Acq: 3 Mar 2016 4:39

Tgt Ion: 128 Resp: 88136
Ion Ratio Lower Upper
128 100
129 10.6 9.7 14.5
127 12.2 11.1 16.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.02 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF085148.D

Acq: 3 Mar 2016 4:39

Instrument :

BNA_F

ClientSampleId :

HSR-WC-40-022516

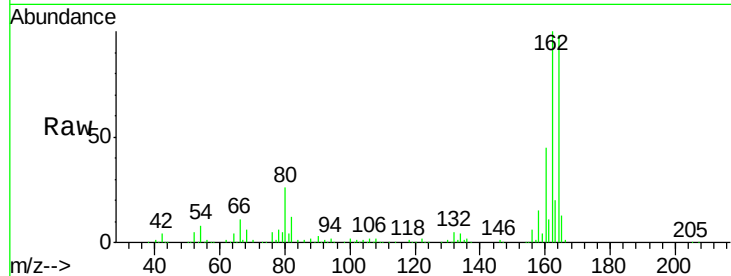
Tgt Ion:164 Resp: 324689

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

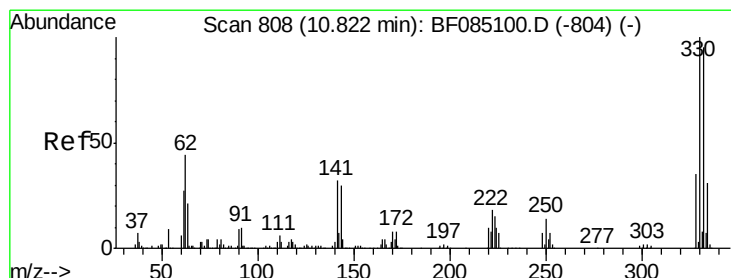
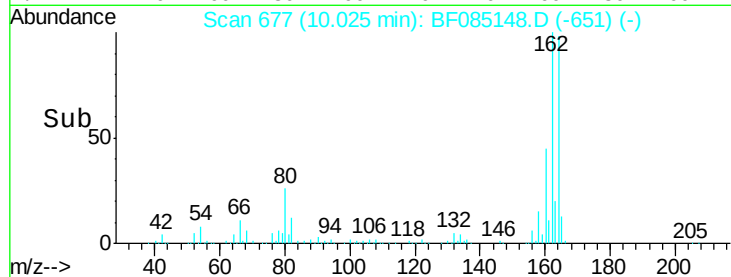
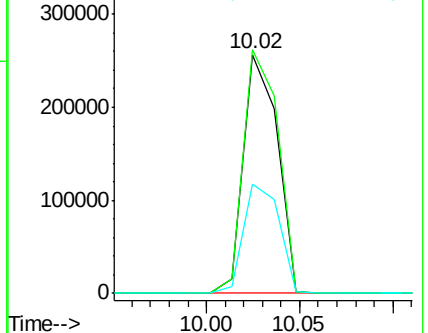
160 45.9 38.2 57.2



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: 157.25 ng

RT: 10.82 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF085148.D

Acq: 3 Mar 2016 4:39

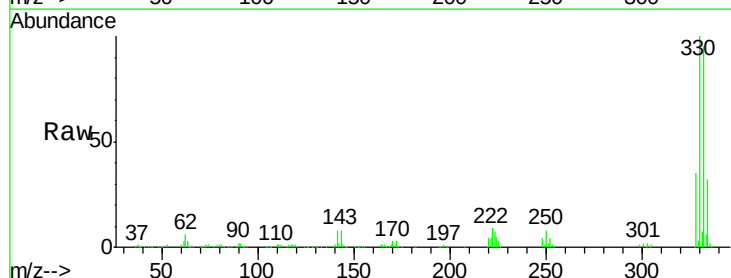
Tgt Ion:330 Resp: 513108

Ion Ratio Lower Upper

330 100

332 95.3 75.9 113.9

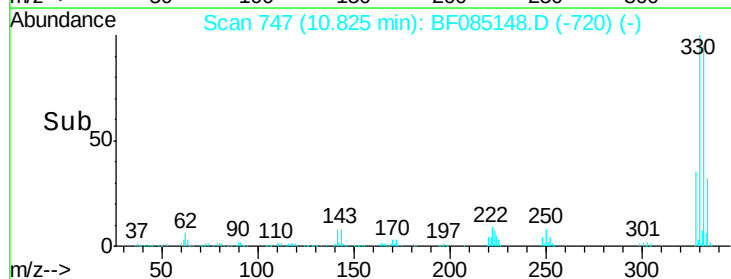
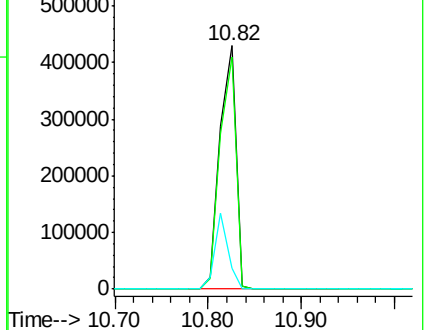
141 26.1 28.9 43.3#

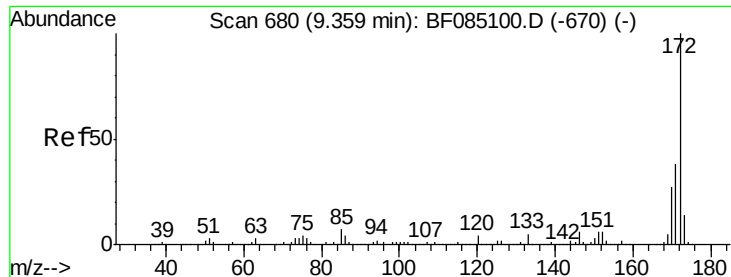


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

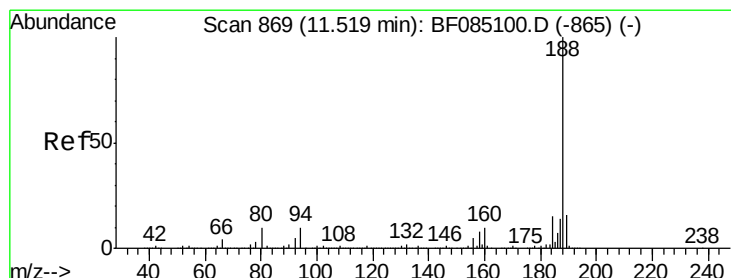
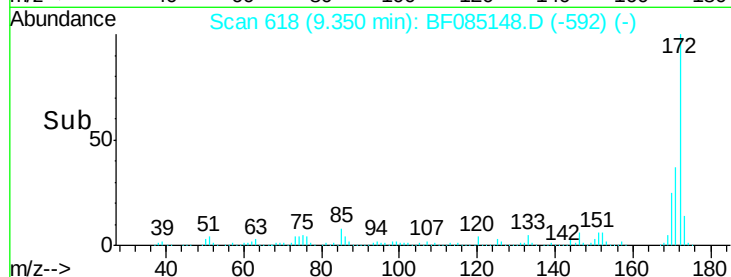
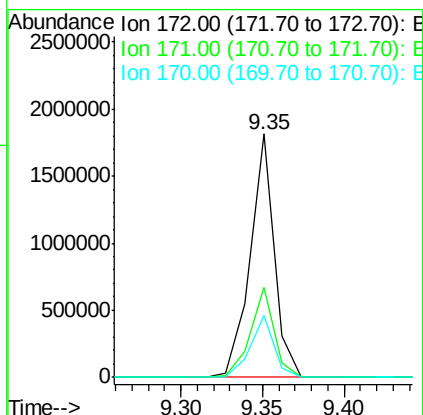
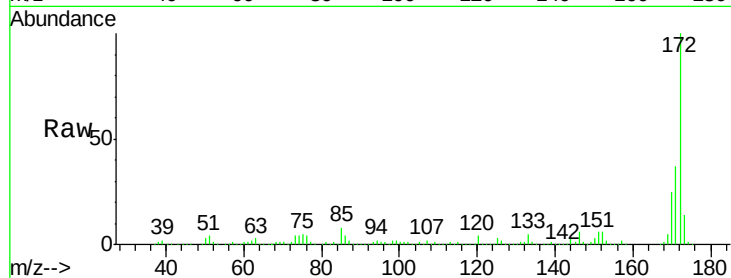




#44
 2-Fluorobiphenyl
 Concen: 83.95 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085148.D
 Acq: 3 Mar 2016 4:39

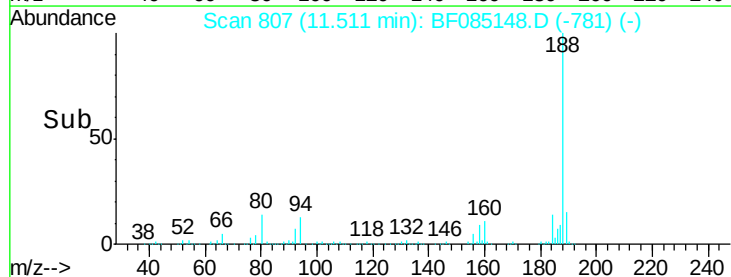
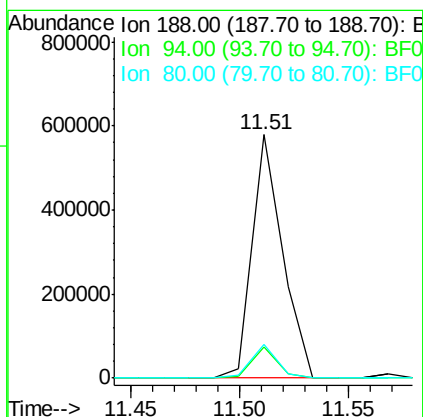
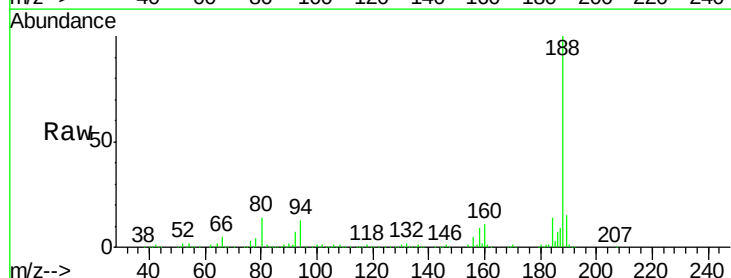
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-40-022516

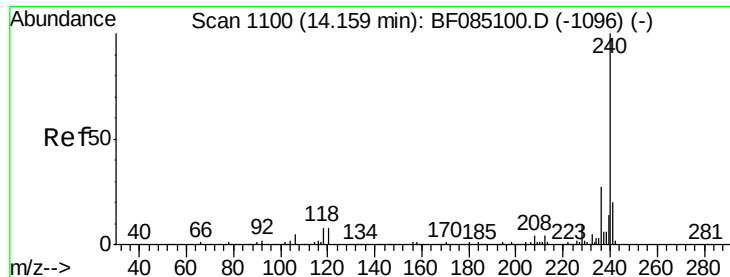
Tgt Ion:172 Resp: 1850797
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.5 45.7
 170 25.4 21.2 31.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF085148.D
 Acq: 3 Mar 2016 4:39

Tgt Ion:188 Resp: 563640
 Ion Ratio Lower Upper
 188 100
 94 12.7 7.8 11.6#
 80 13.9 8.2 12.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085148.D

Acq: 3 Mar 2016 4:39

Instrument :

BNA_F

ClientSampleId :

HSR-WC-40-022516

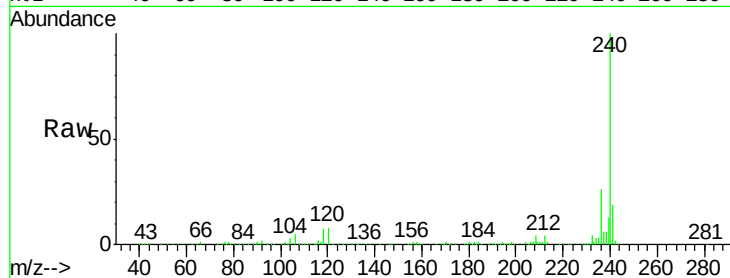
Tgt Ion:240 Resp: 393144

Ion Ratio Lower Upper

240 100

120 8.2 6.7 10.1

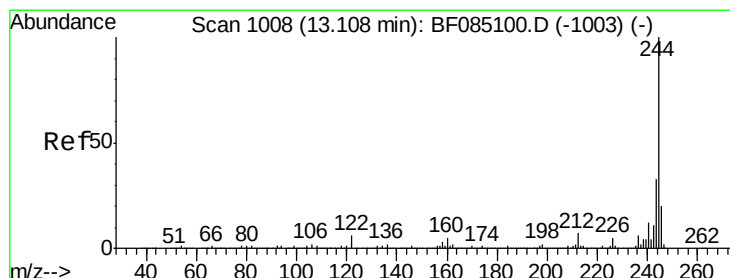
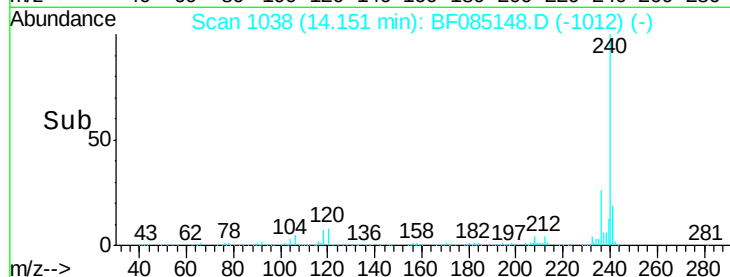
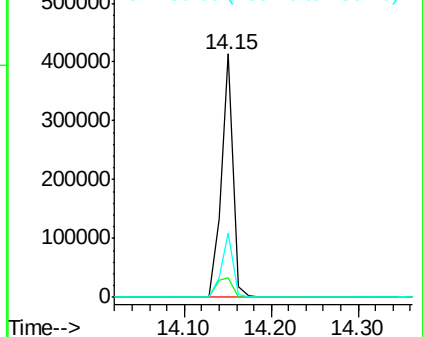
236 26.5 21.6 32.4



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: 95.49 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085148.D

Acq: 3 Mar 2016 4:39

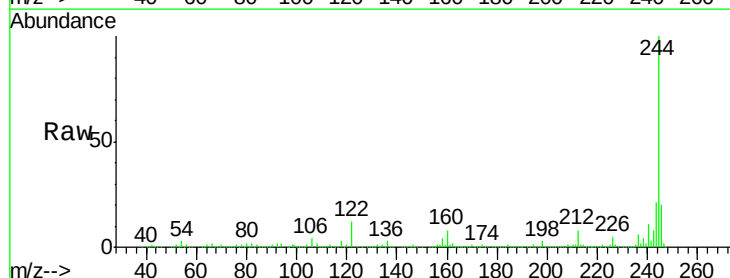
Tgt Ion:244 Resp: 1600338

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

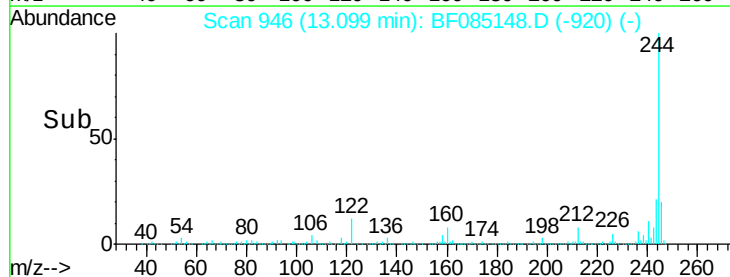
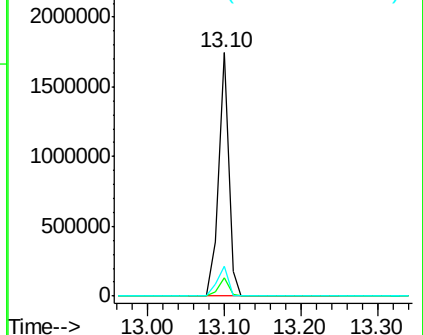
122 12.2 5.1 7.7#

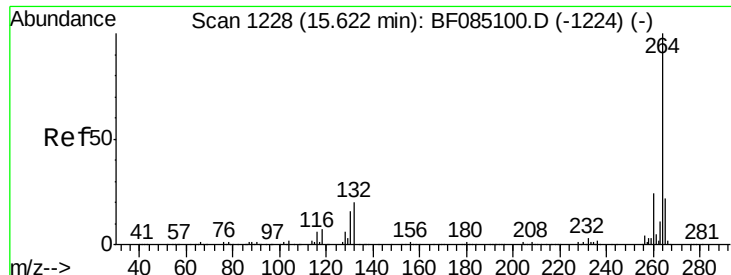


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF085148.D
Acq: 3 Mar 2016 4:39

Instrument :
BNA_F
ClientSampleId :
HSR-WC-40-022516

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.7	17.4	26.2

