

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085357.D
 Acq On : 11 Mar 2016 2:41
 Operator : UM/SJ
 Sample : H1623-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-31-022516

Quant Time: Mar 11 04:38:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 02:49:26 2016
 Response via : Initial Calibration

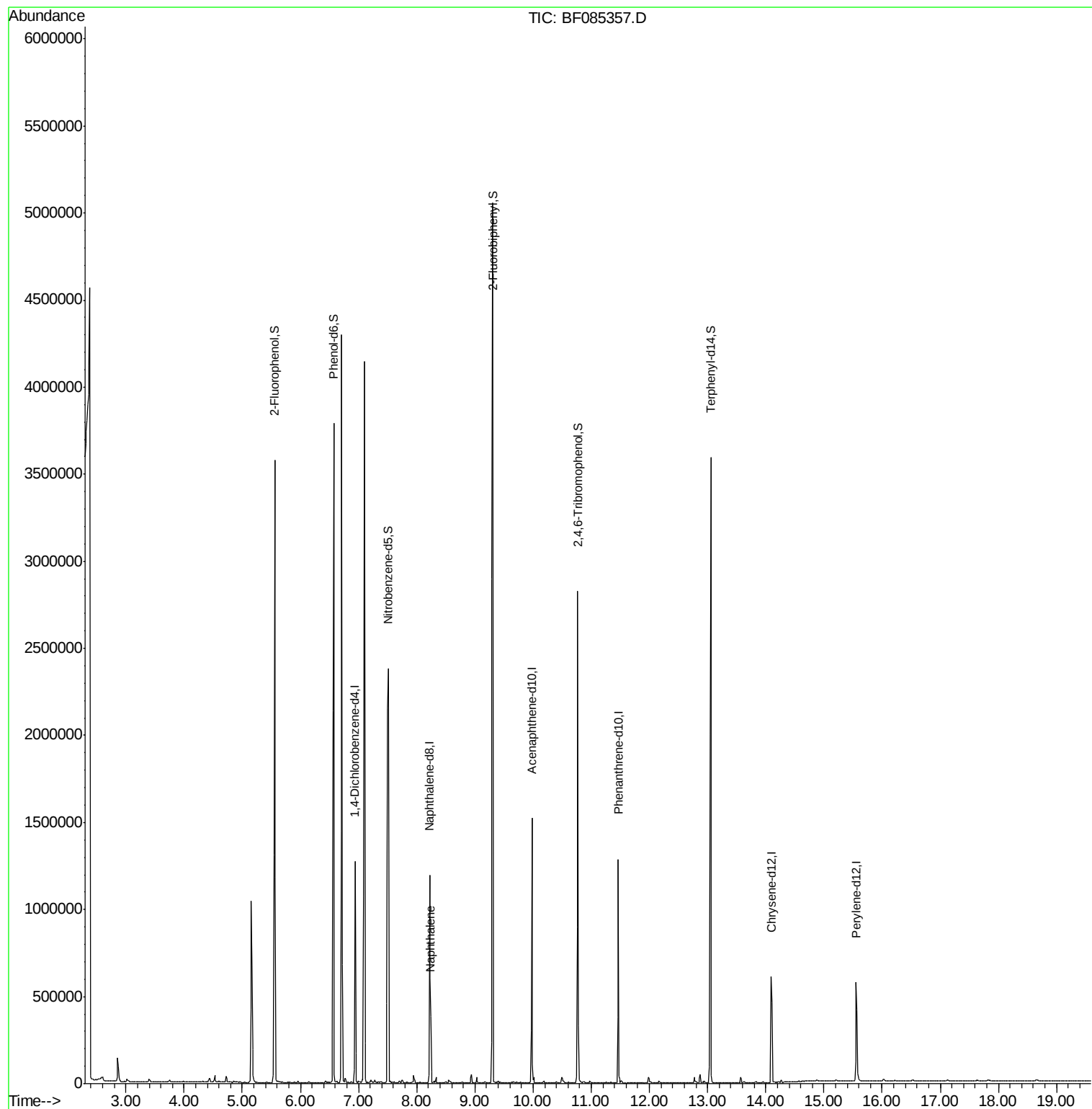
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	169251	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	627855	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	283718	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	466912	20.00	ng	0.00
75) Chrysene-d12	14.09	240	277354	20.00	ng	-0.01
86) Perylene-d12	15.56	264	288885	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1297283	128.57	ng	0.01
7) Phenol-d6	6.57	99	1610760	121.85	ng	0.00
23) Nitrobenzene-d5	7.51	82	1213346	103.41	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	337671	139.09	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1873227	100.41	ng	0.00
78) Terphenyl-d14	13.05	244	1333940	111.65	ng	0.00
Target Compounds						
31) Naphthalene	8.24	128	155903	5.05	ng	Qvalue 98

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

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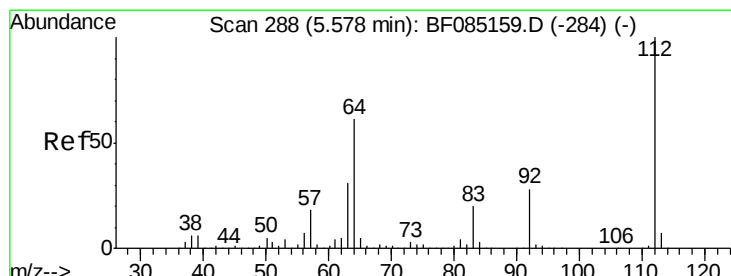
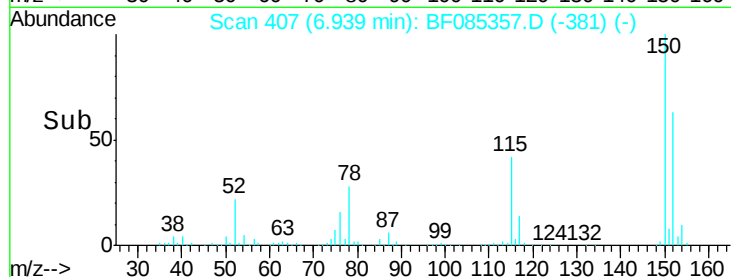
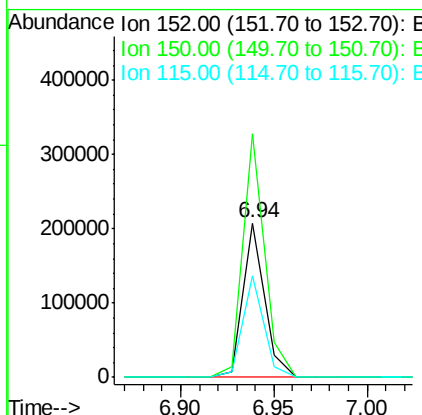
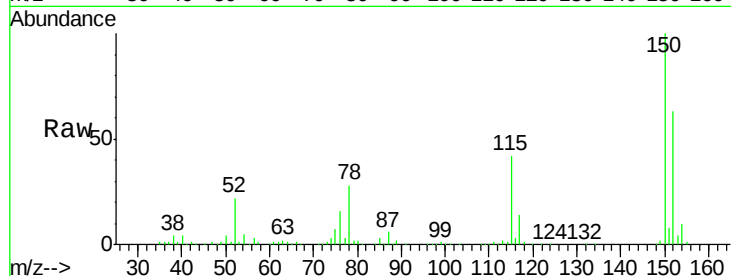




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BF085357.D
 Acq: 11 Mar 2016 2:41

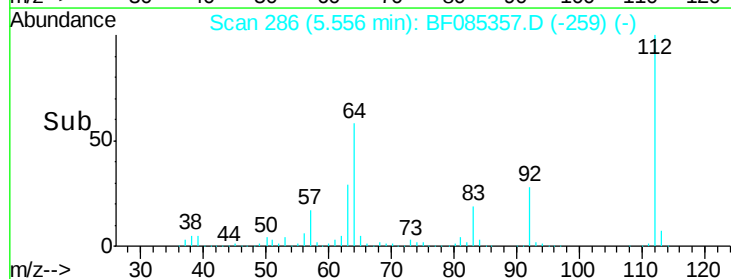
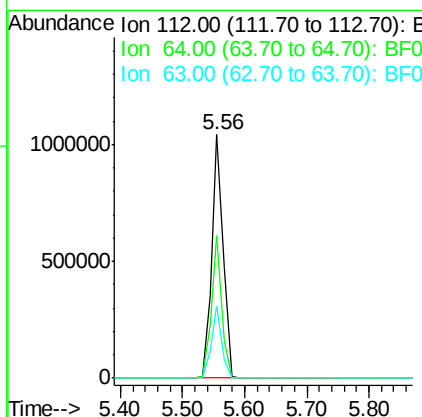
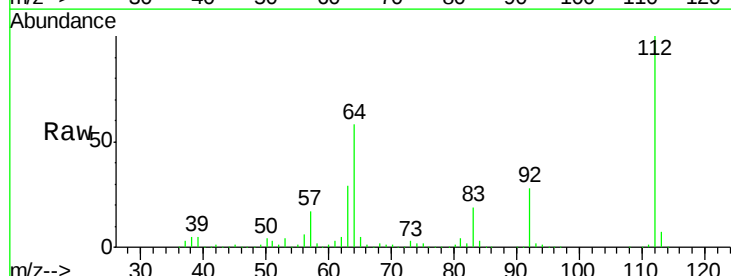
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-31-022516

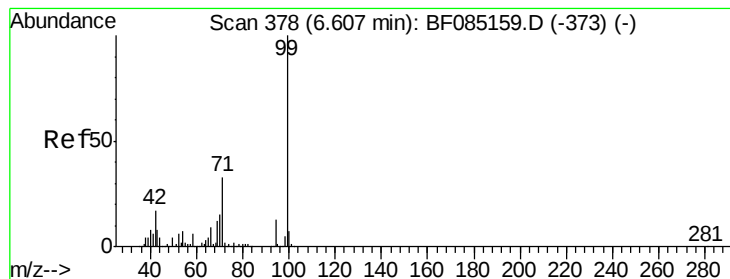
Tgt Ion:152 Resp: 169251
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.6 186.8
 115 65.9 46.6 70.0



#5
 2-Fluorophenol
 Concen: 128.57 ng
 RT: 5.56 min Scan# 286
 Delta R.T. 0.01 min
 Lab File: BF085357.D
 Acq: 11 Mar 2016 2:41

Tgt Ion:112 Resp: 1297283
 Ion Ratio Lower Upper
 112 100
 64 58.4 49.0 73.4
 63 29.5 24.8 37.2





#7

Phenol-d6

Concen: 121.85 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF085357.D

Acq: 11 Mar 2016 2:41

Instrument :

BNA_F

ClientSampleId :

HSR-WC-31-022516

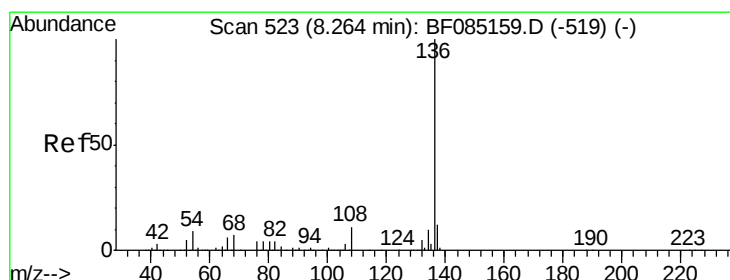
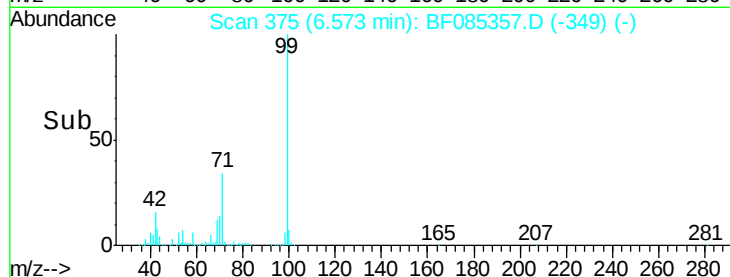
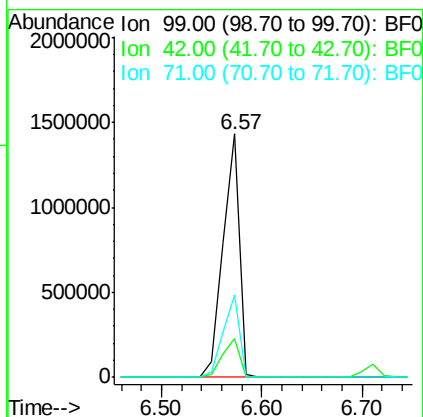
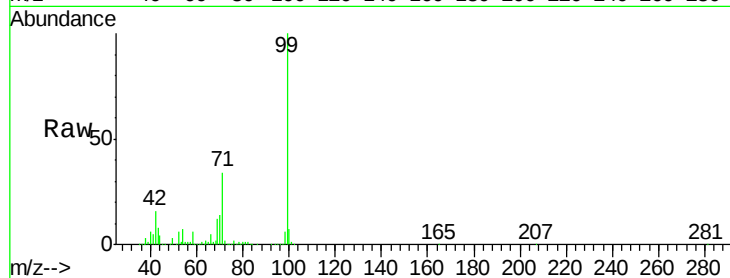
Tgt Ion: 99 Resp: 1610760

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

71 33.7 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF085357.D

Acq: 11 Mar 2016 2:41

Tgt Ion: 136 Resp: 627855

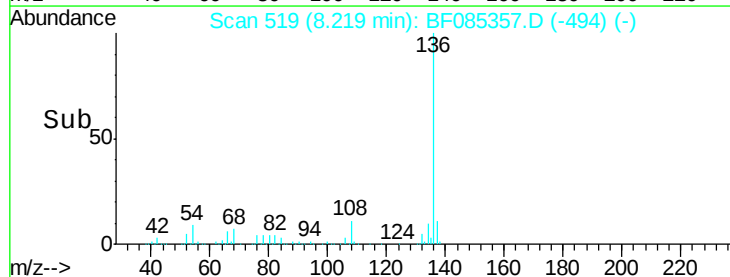
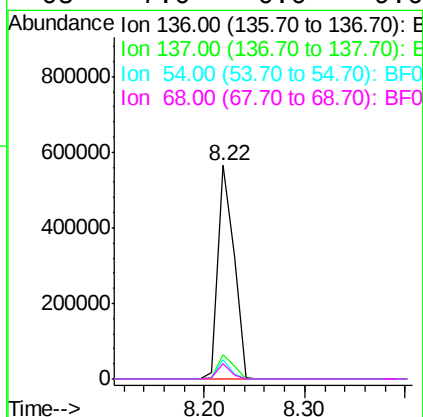
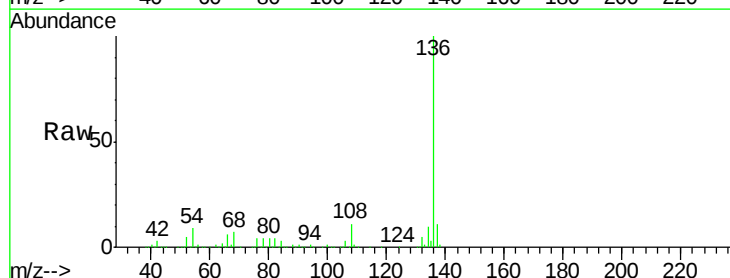
Ion Ratio Lower Upper

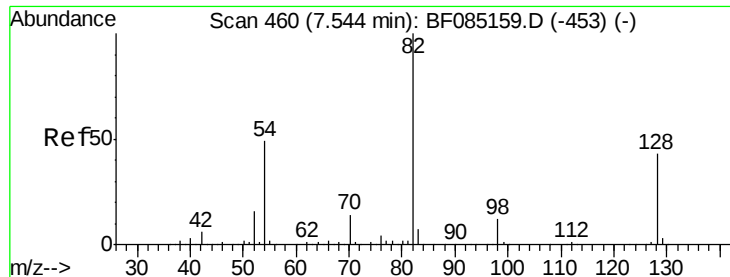
136 100

137 11.4 9.3 13.9

54 9.0 7.4 11.2

68 7.0 6.0 9.0

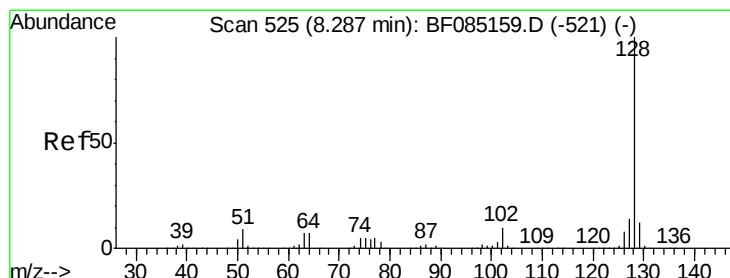
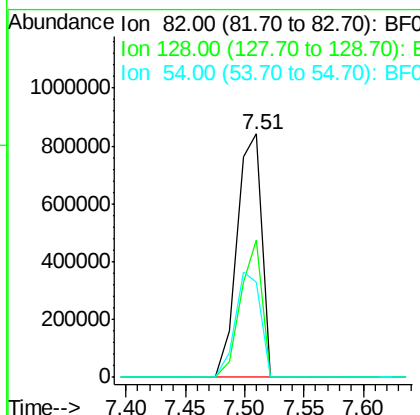
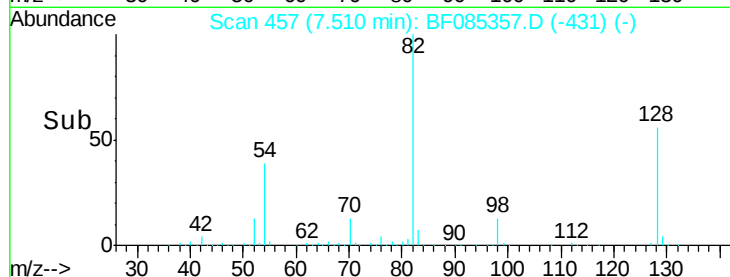
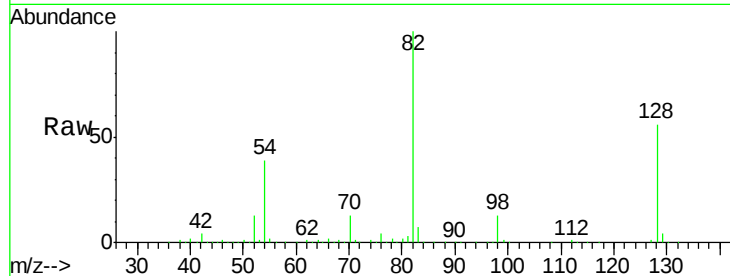




#23
Nitrobenzene-d5
Concen: 103.41 ng
RT: 7.51 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF085357.D
Acq: 11 Mar 2016 2:41

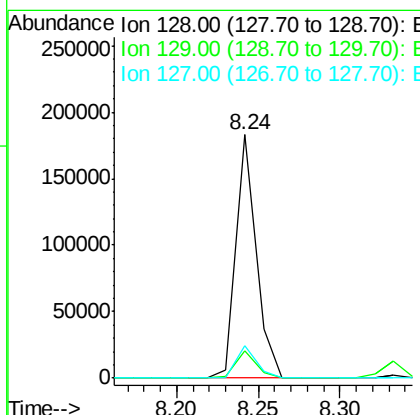
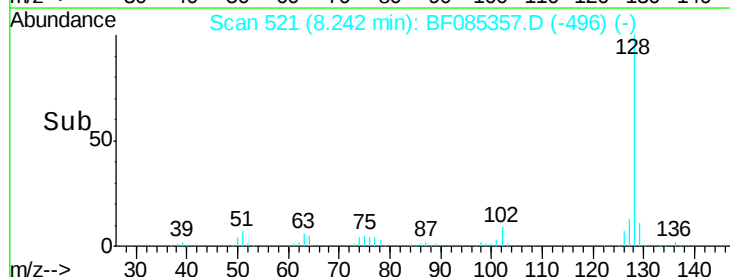
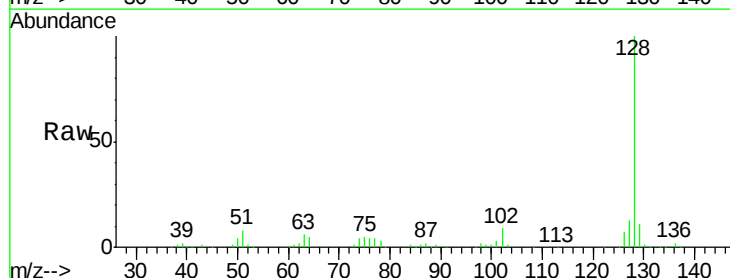
Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

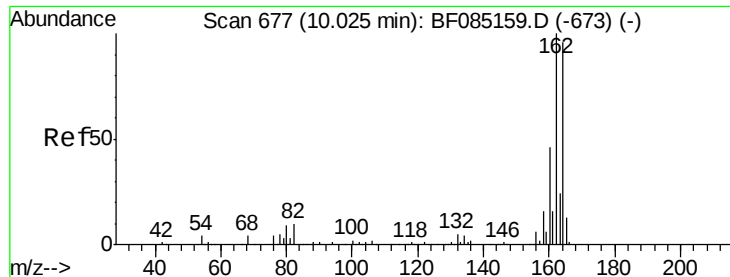
Tgt Ion: 82 Resp: 1213346
Ion Ratio Lower Upper
82 100
128 56.3 34.5 51.7#
54 39.1 39.3 58.9#



#31
Naphthalene
Concen: 5.05 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF085357.D
Acq: 11 Mar 2016 2:41

Tgt Ion: 128 Resp: 155903
Ion Ratio Lower Upper
128 100
129 11.3 9.7 14.5
127 13.3 11.2 16.8

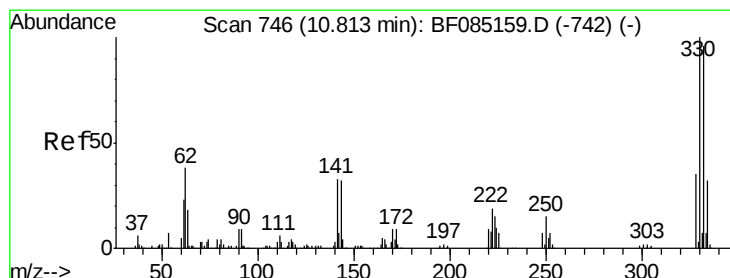
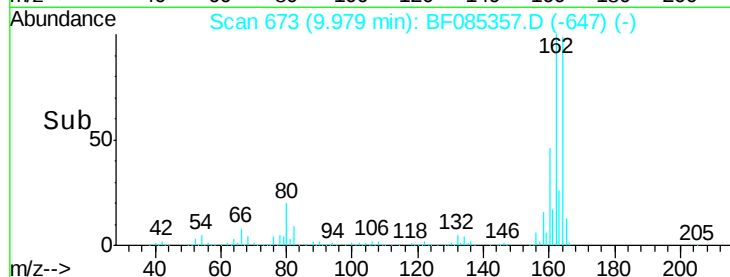
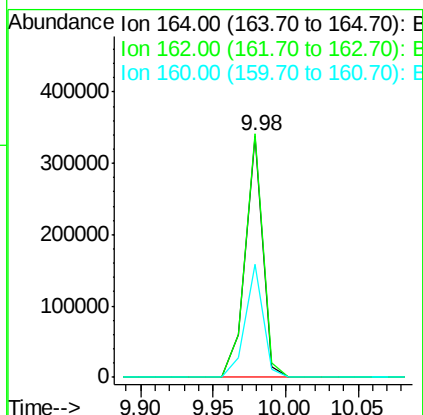
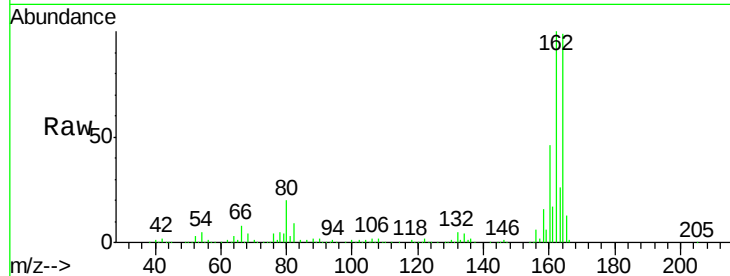




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF085357.D
Acq: 11 Mar 2016 2:41

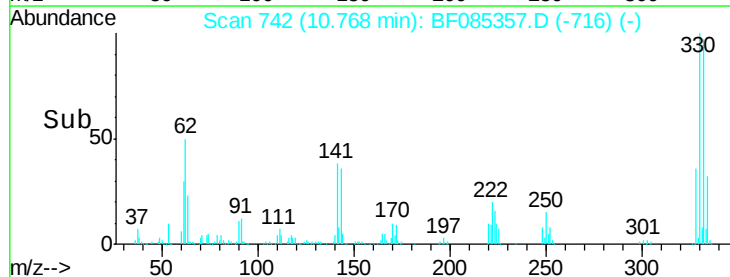
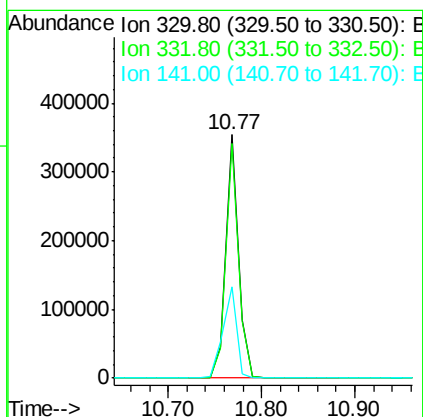
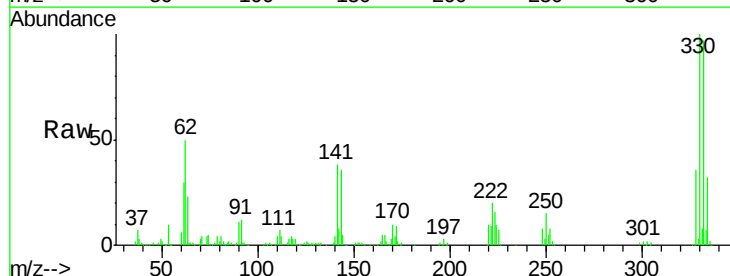
Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

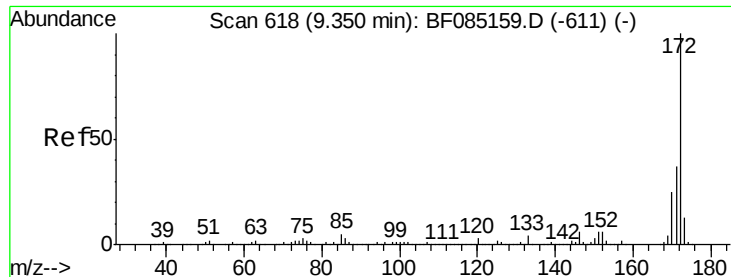
Tgt Ion:164 Resp: 283718
Ion Ratio Lower Upper
164 100
162 101.0 83.3 124.9
160 46.8 37.9 56.9



#41
2,4,6-Tribromophenol
Concen: 139.09 ng
RT: 10.77 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF085357.D
Acq: 11 Mar 2016 2:41

Tgt Ion:330 Resp: 337671
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 39.9 35.0 52.6

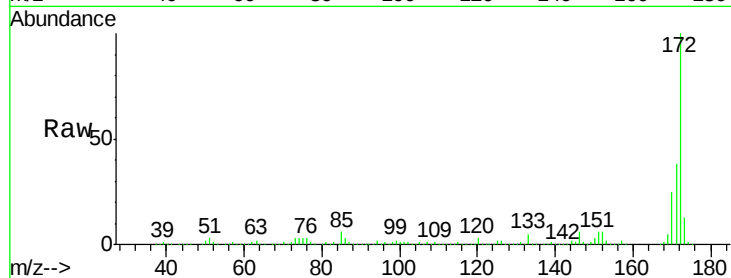




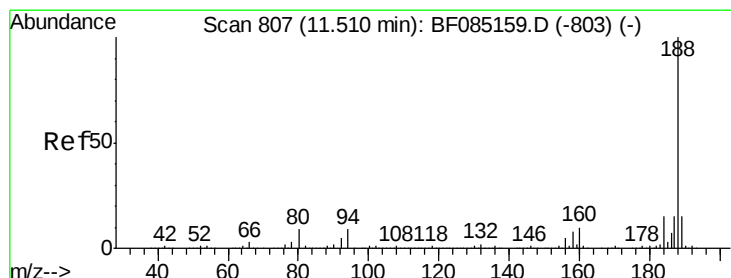
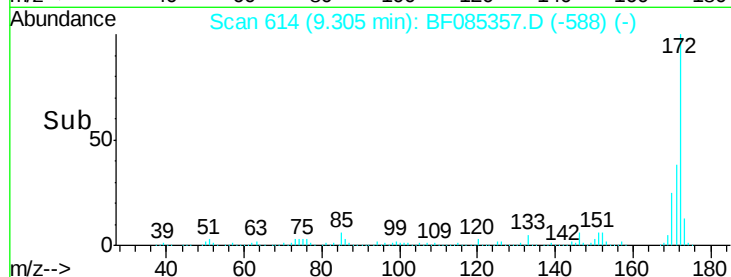
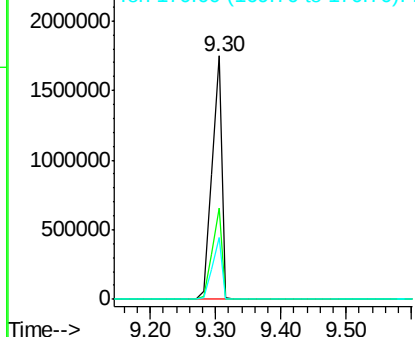
#44
 2-Fluorobiphenyl
 Concen: 100.41 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085357.D
 Acq: 11 Mar 2016 2:41

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-31-022516

Tgt Ion:172 Resp: 1873227
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.3 43.9
 170 25.3 20.0 30.0

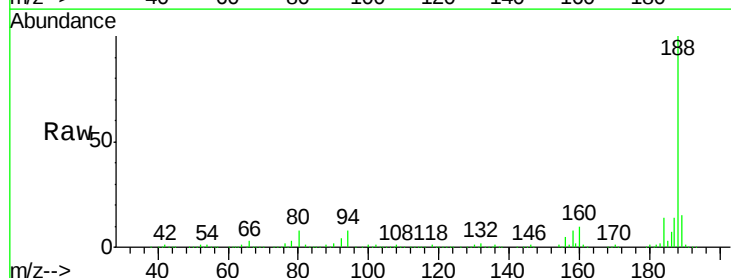


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

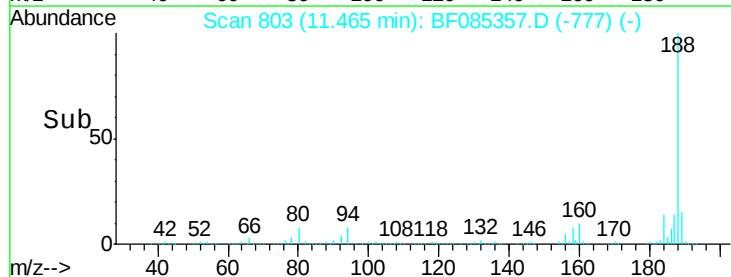
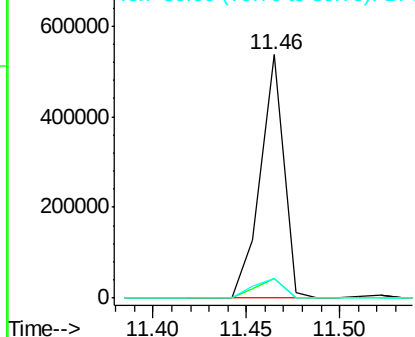


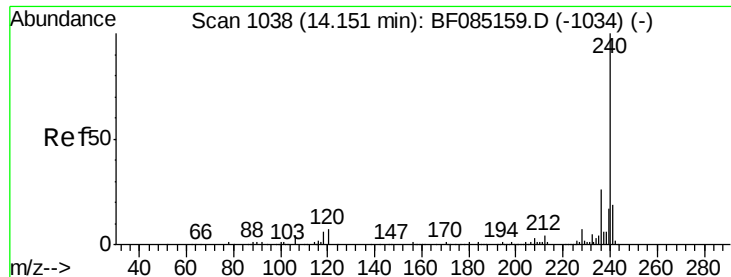
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF085357.D
 Acq: 11 Mar 2016 2:41

Tgt Ion:188 Resp: 466912
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.0 10.6
 80 8.3 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: 14.09 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF085357.D

Acq: 11 Mar 2016 2:41

Instrument :

BNA_F

ClientSampleId :

HSR-WC-31-022516

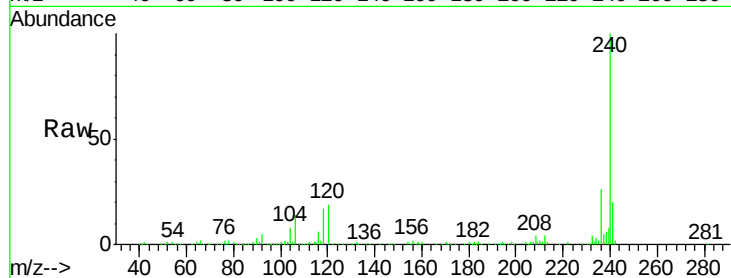
Tgt Ion:240 Resp: 277354

Ion Ratio Lower Upper

240 100

120 19.3 5.3 7.9#

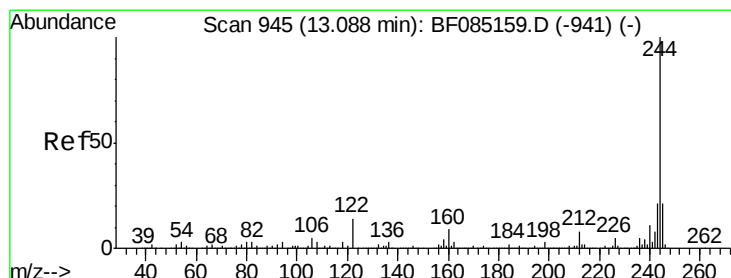
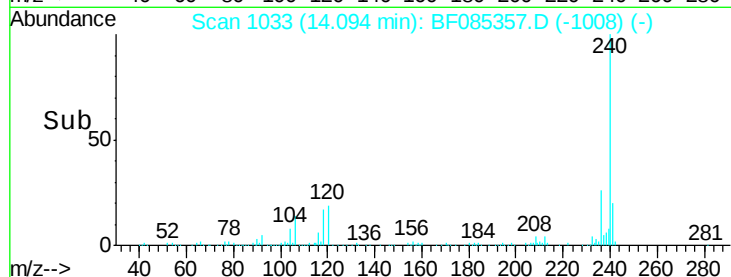
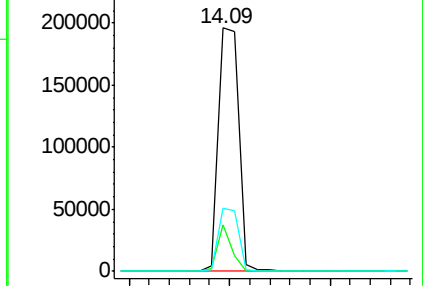
236 25.9 20.7 31.1



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



#78

Terphenyl-d14

Concen: 111.65 ng

RT: 13.05 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF085357.D

Acq: 11 Mar 2016 2:41

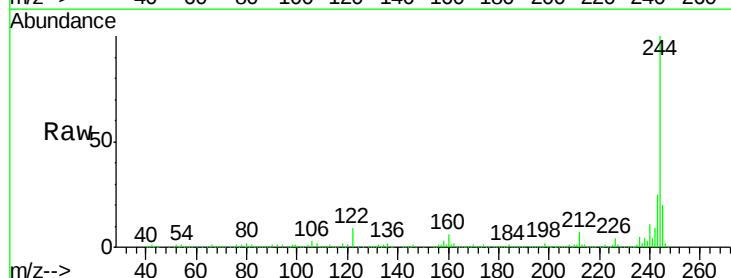
Tgt Ion:244 Resp: 1333940

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

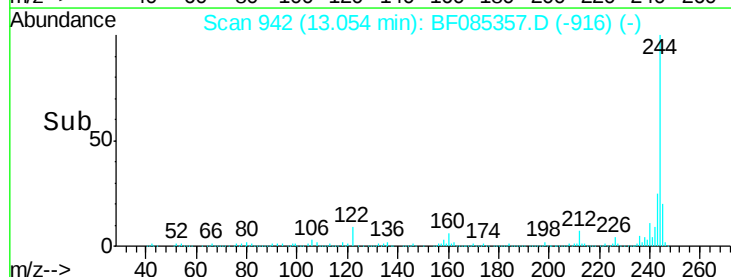
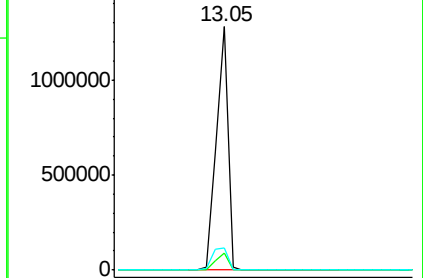
122 9.1 11.4 17.2#

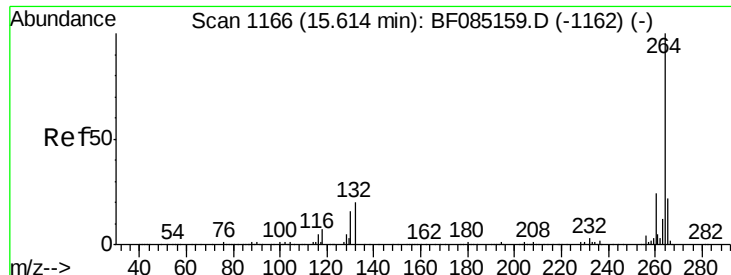


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

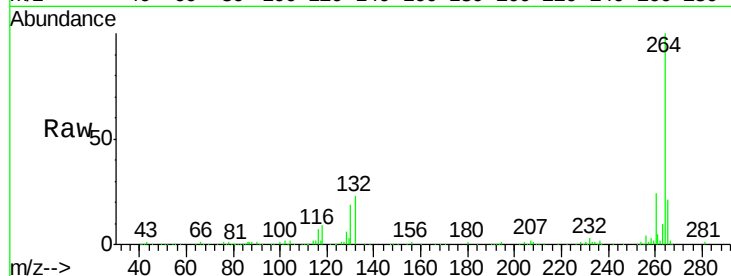




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF085357.D
Acq: 11 Mar 2016 2:41

Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.3	25.9



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

