

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085355.D
 Acq On : 11 Mar 2016 1:44
 Operator : UM/SJ
 Sample : H1623-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-28-022516

Quant Time: Mar 11 02:51:33 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 00:01:03 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	175897	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	685411	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	332880	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	497661	20.00	ng	0.00
75) Chrysene-d12	14.11	240	292660	20.00	ng	0.00
86) Perylene-d12	15.57	264	309952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1280817	122.14	ng	0.02
7) Phenol-d6	6.57	99	1575381	114.67	ng	0.01
23) Nitrobenzene-d5	7.51	82	1251793	97.73	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	371294	130.35	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1949040	89.05	ng	0.00
78) Terphenyl-d14	13.05	244	1365820	108.34	ng	0.00

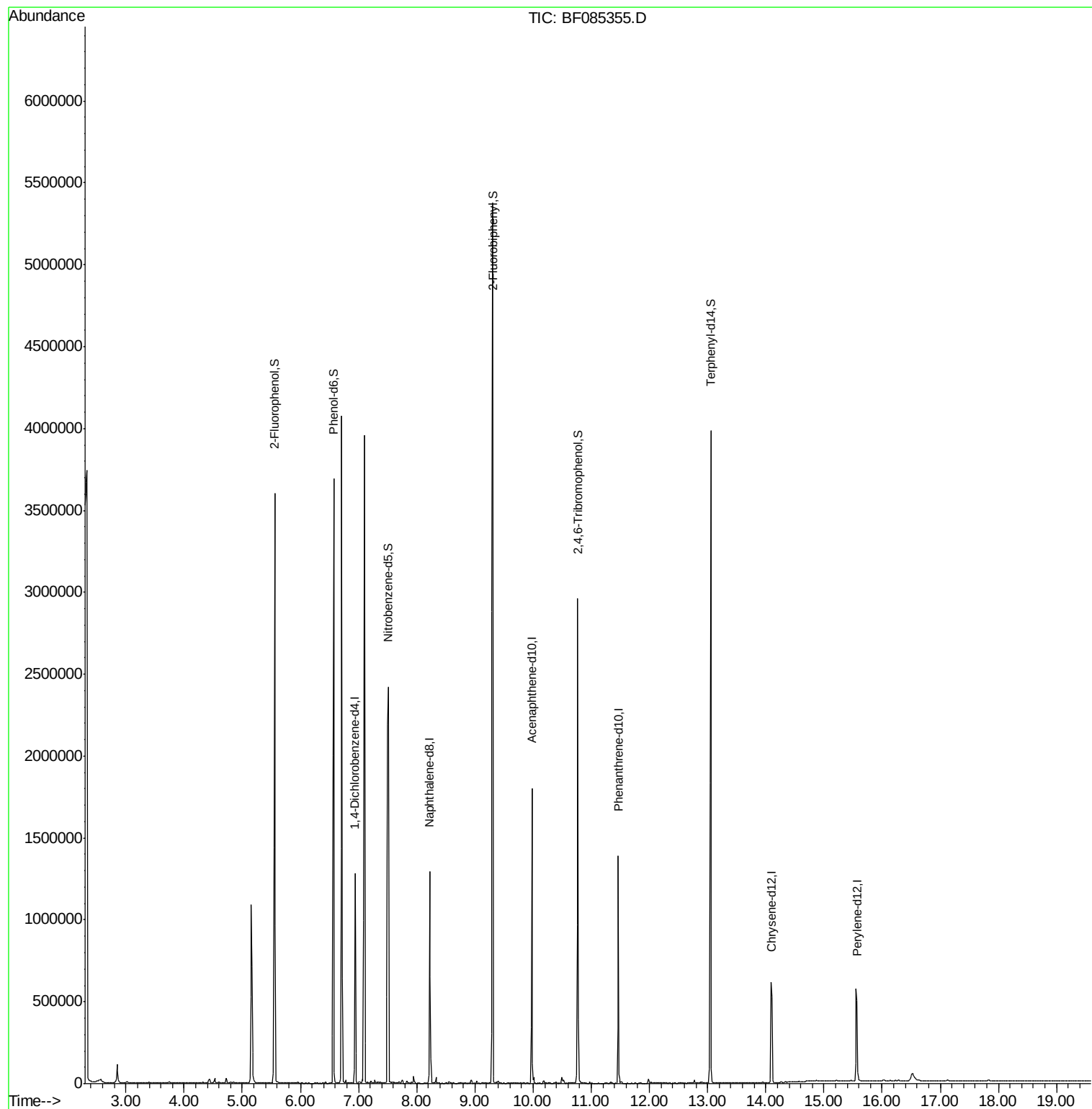
Target Compounds	Qvalue
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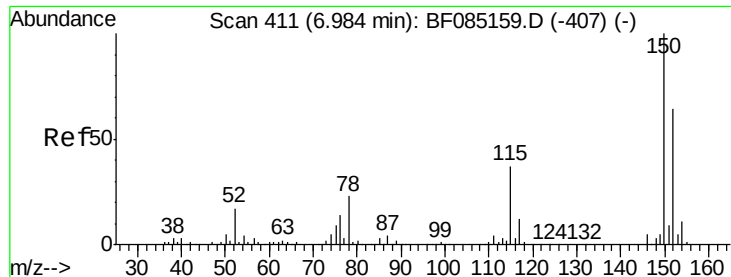
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085355.D

Acq: 11 Mar 2016 1:44

Instrument :

BNA_F

ClientSampleId :

HSR-WC-28-022516

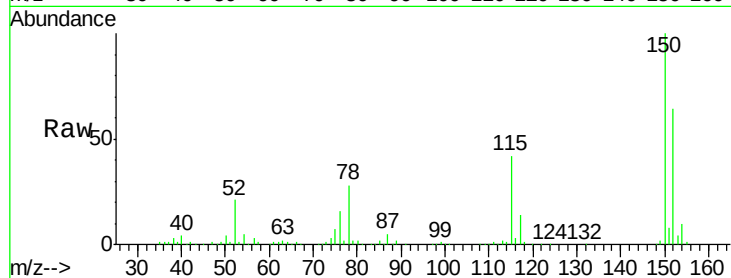
Tgt Ion:152 Resp: 175897

Ion Ratio Lower Upper

152 100

150 157.1 124.6 186.8

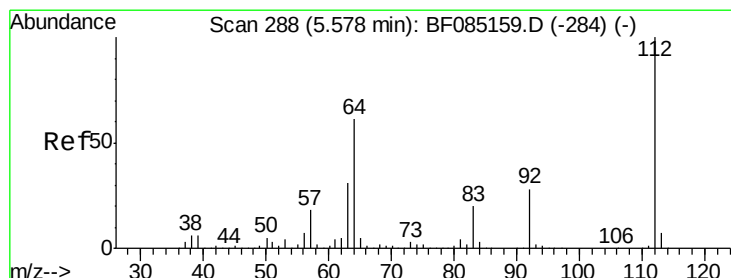
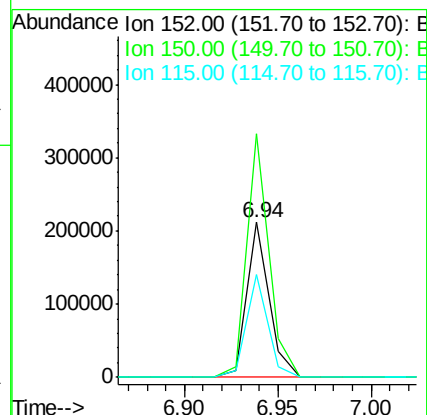
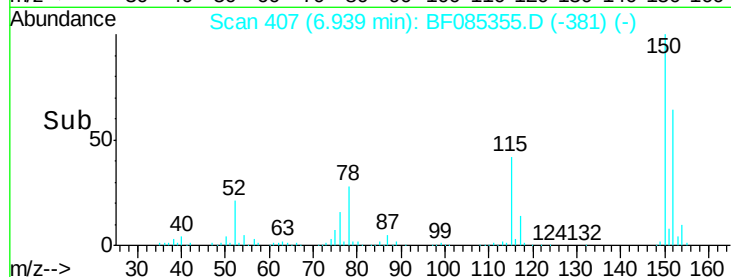
115 66.0 46.6 70.0



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: 122.14 ng

RT: 5.56 min Scan# 286

Delta R.T. 0.02 min

Lab File: BF085355.D

Acq: 11 Mar 2016 1:44

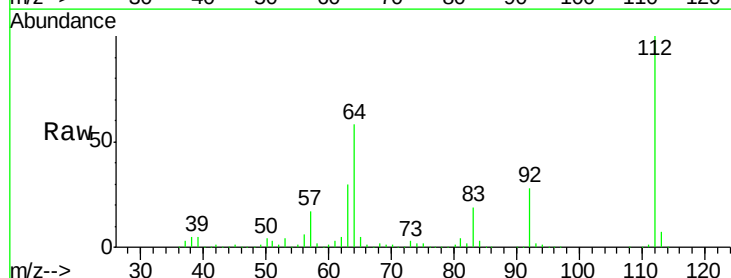
Tgt Ion:112 Resp: 1280817

Ion Ratio Lower Upper

112 100

64 58.1 49.0 73.4

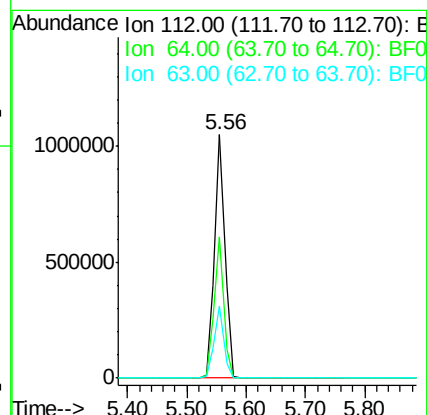
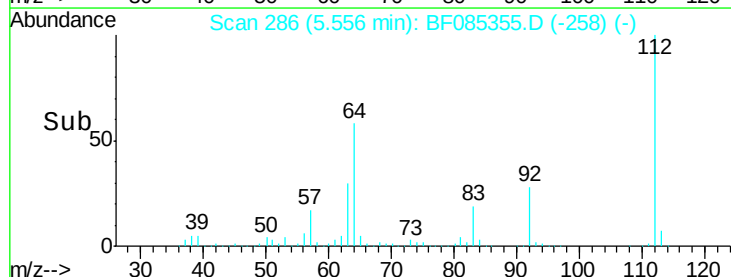
63 29.5 24.8 37.2

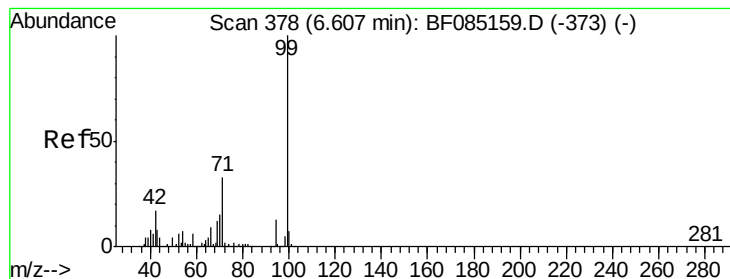


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.67 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF085355.D

Acq: 11 Mar 2016 1:44

Instrument :

BNA_F

ClientSampleId :

HSR-WC-28-022516

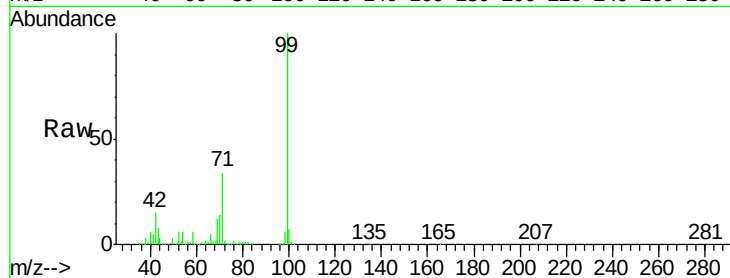
Tgt Ion: 99 Resp: 1575381

Ion Ratio Lower Upper

99 100

42 15.2 13.6 20.4

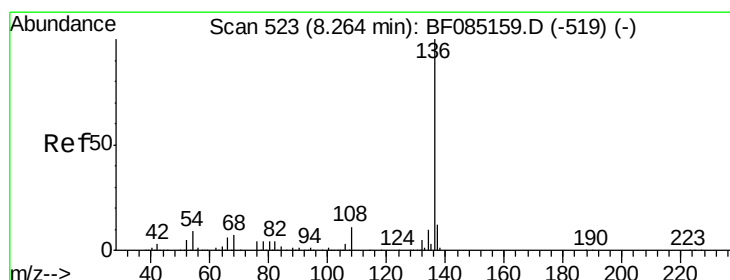
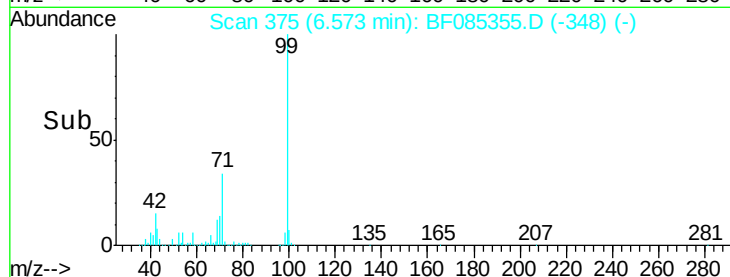
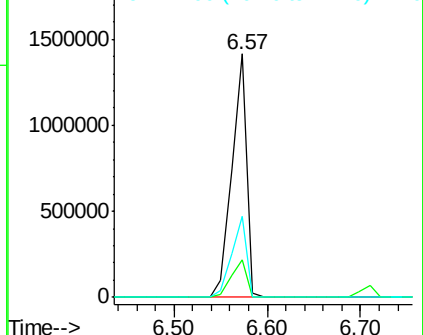
71 33.5 26.7 40.1



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. -0.01 min

Lab File: BF085355.D

Acq: 11 Mar 2016 1:44

Tgt Ion: 136 Resp: 685411

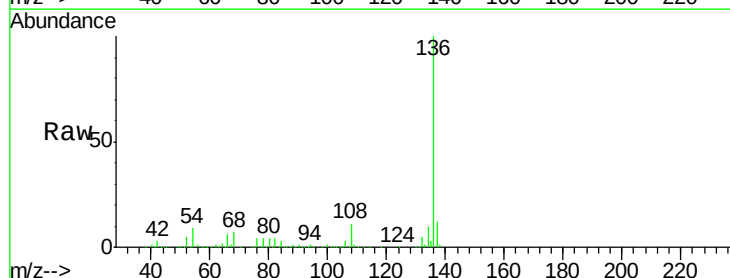
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 9.0 7.4 11.2

68 7.4 6.0 9.0

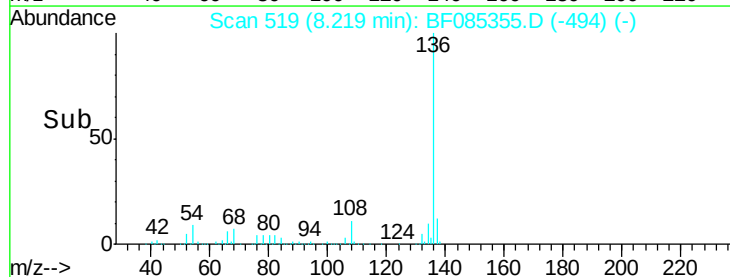
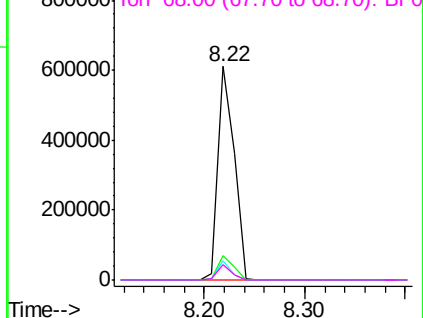


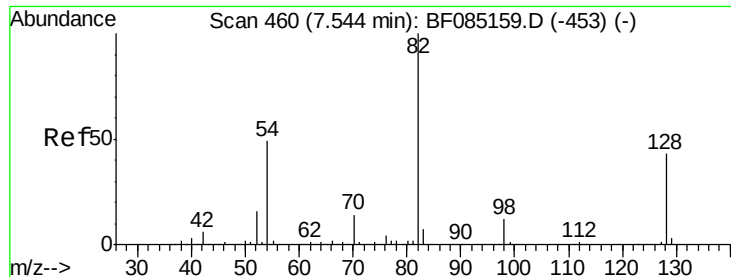
Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.73 ng

RT: 7.51 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF085355.D

Acq: 11 Mar 2016 1:44

Instrument :

BNA_F

ClientSampleId :

HSR-WC-28-022516

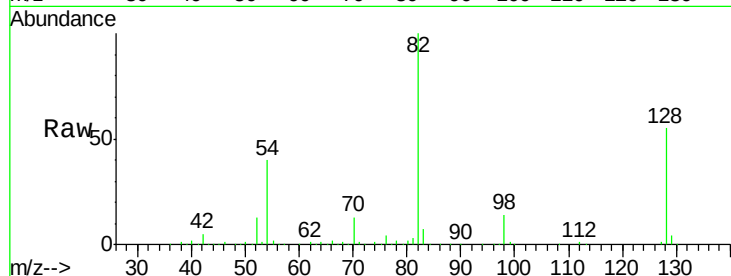
Tgt Ion: 82 Resp: 1251793

Ion Ratio Lower Upper

82 100

128 54.9 34.5 51.7#

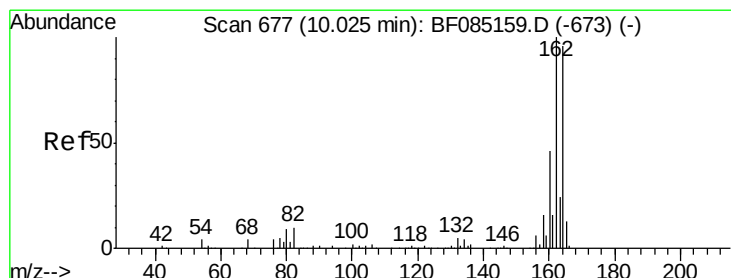
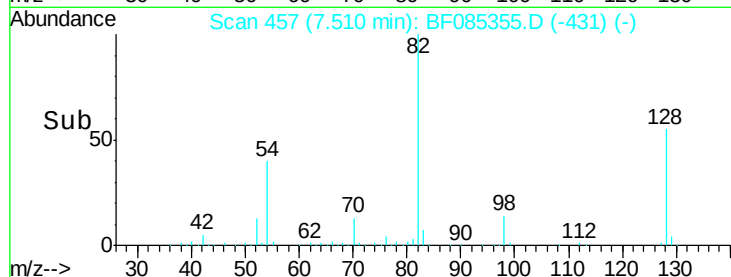
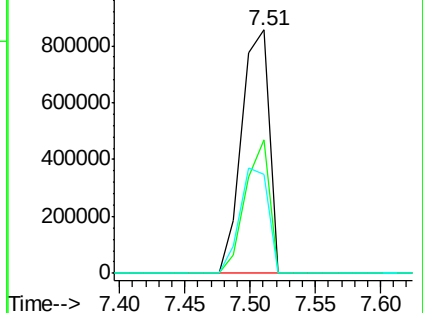
54 40.5 39.3 58.9



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF085355.D

Acq: 11 Mar 2016 1:44

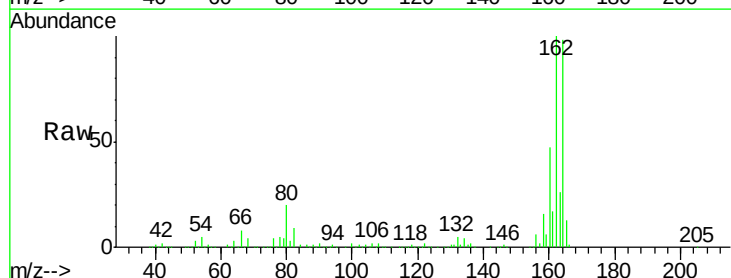
Tgt Ion: 164 Resp: 332880

Ion Ratio Lower Upper

164 100

162 102.2 83.3 124.9

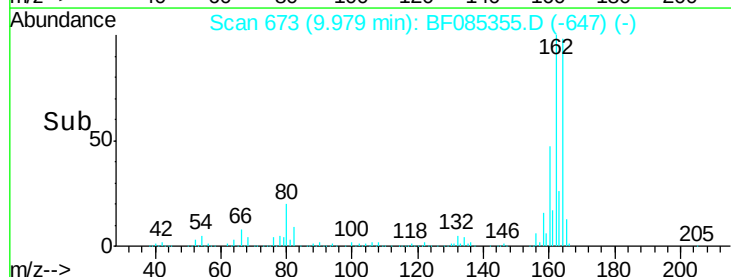
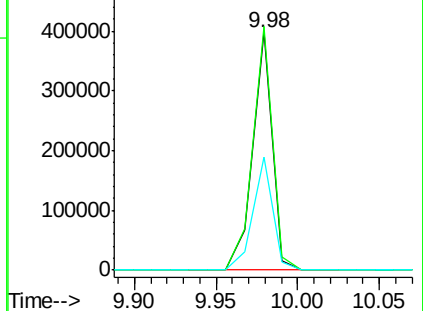
160 47.7 37.9 56.9

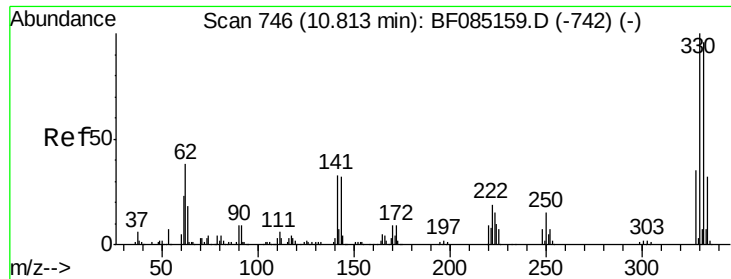


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

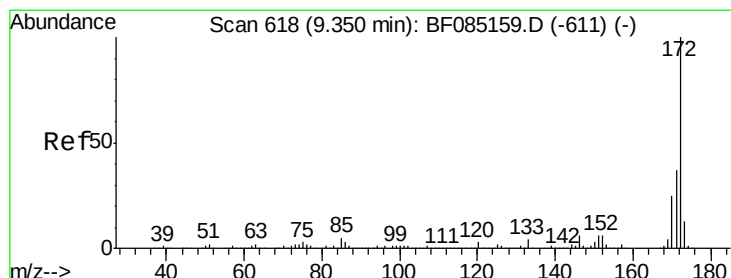
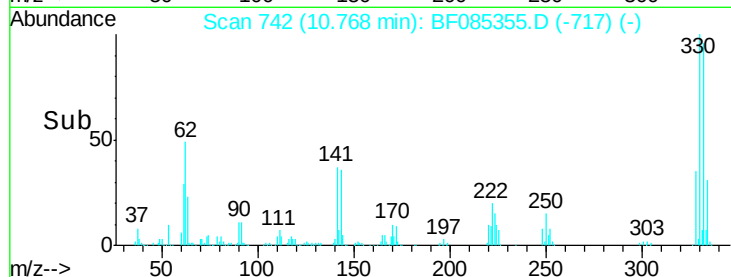
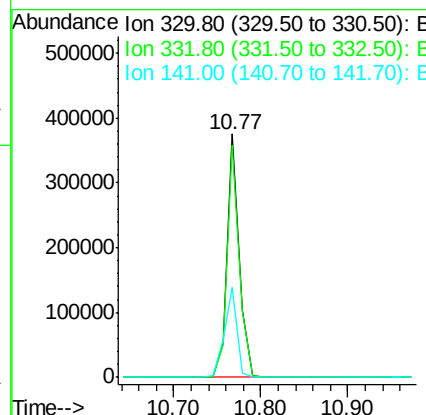
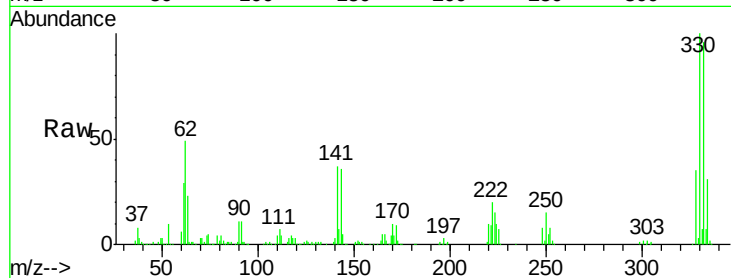




#41
 2,4,6-Tribromophenol
 Concen: 130.35 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF085355.D
 Acq: 11 Mar 2016 1:44

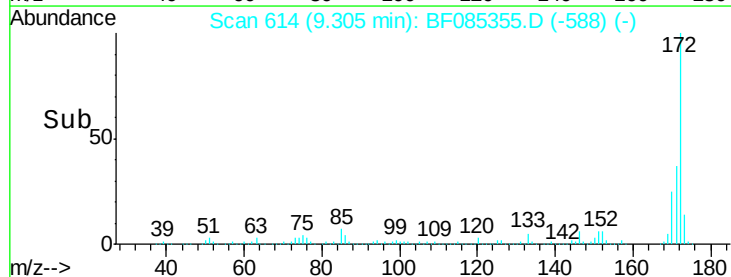
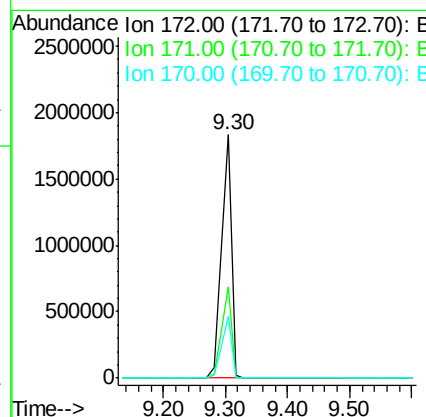
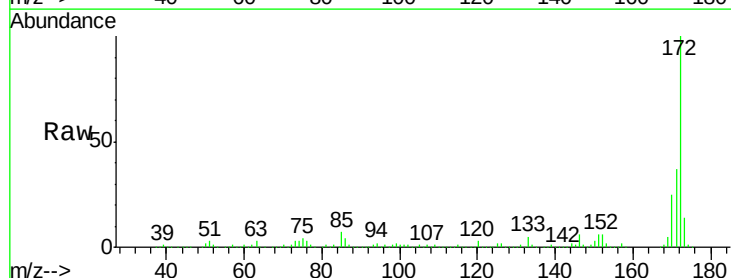
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-28-022516

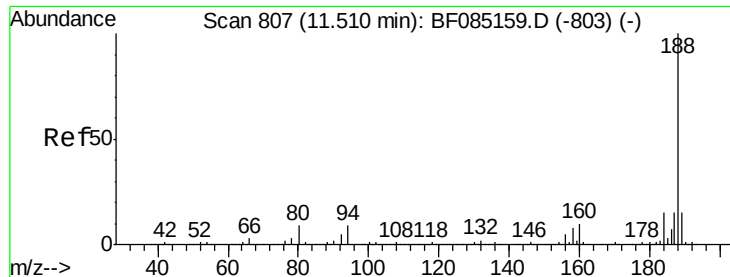
Tgt Ion:330 Resp: 371294
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 38.6 35.0 52.6



#44
 2-Fluorobiphenyl
 Concen: 89.05 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF085355.D
 Acq: 11 Mar 2016 1:44

Tgt Ion:172 Resp: 1949040
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.3 43.9
 170 25.4 20.0 30.0

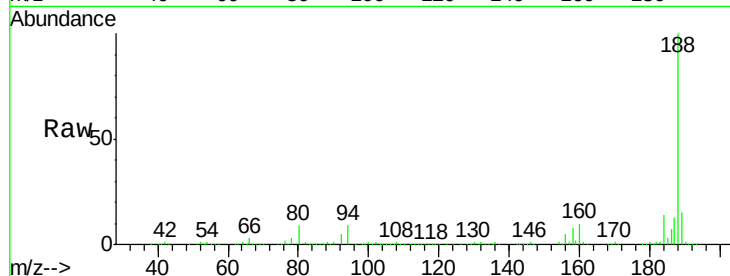




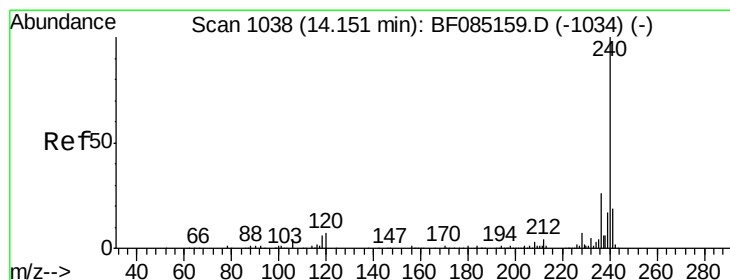
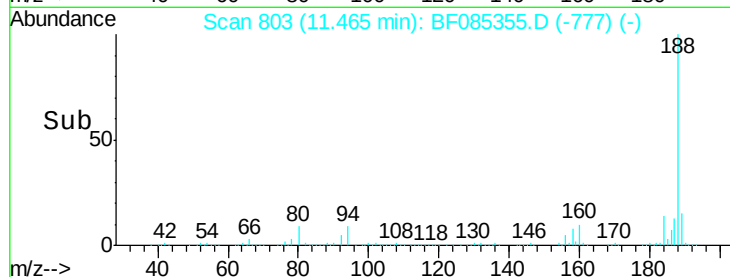
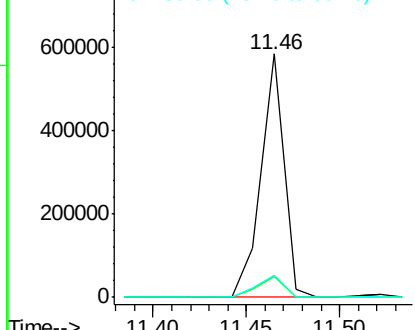
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF085355.D
Acq: 11 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-28-022516

Tgt Ion:188 Resp: 497661
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.0 7.4 11.0

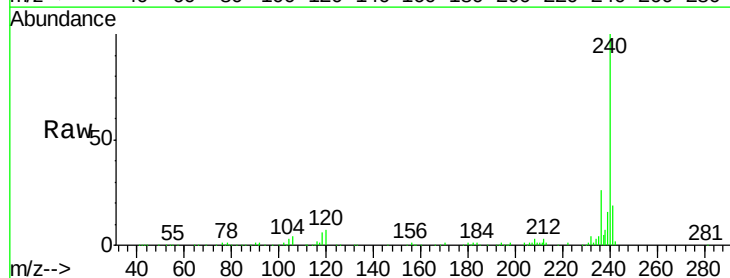


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

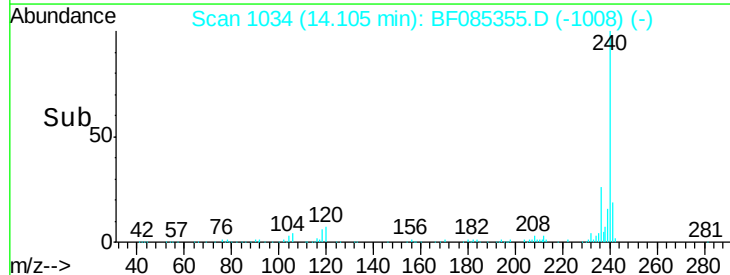
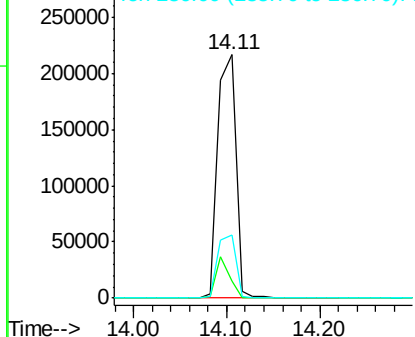


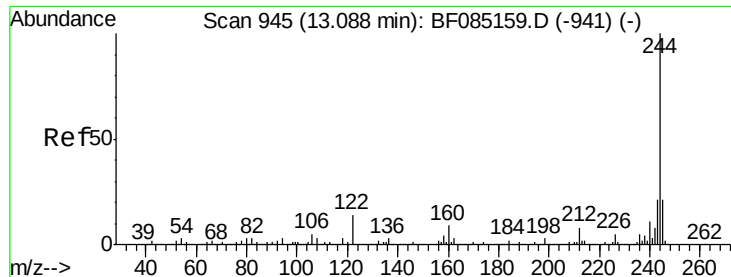
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF085355.D
Acq: 11 Mar 2016 1:44

Tgt Ion:240 Resp: 292660
Ion Ratio Lower Upper
240 100
120 7.0 5.3 7.9
236 25.7 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: 108.34 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF085355.D

Acq: 11 Mar 2016 1:44

Instrument :

BNA_F

ClientSampleId :

HSR-WC-28-022516

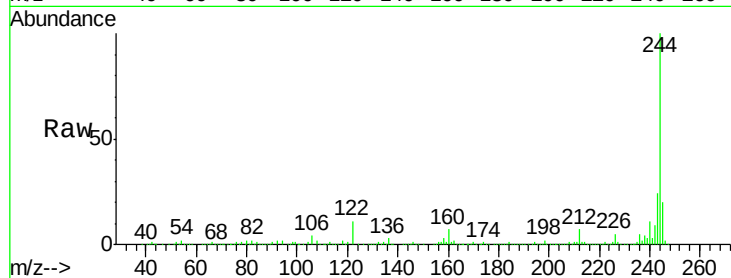
Tgt Ion:244 Resp: 1365820

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

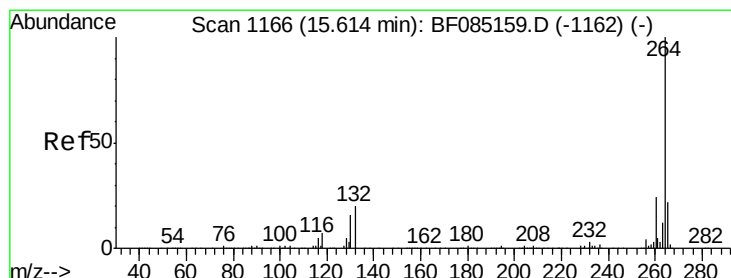
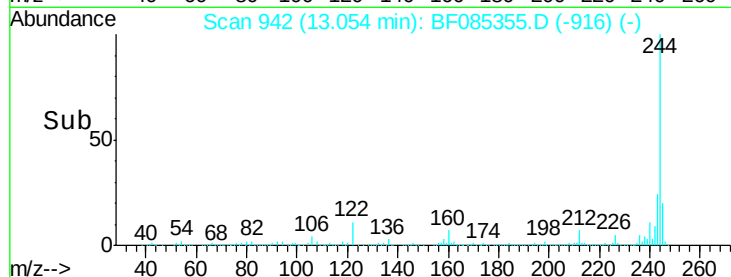
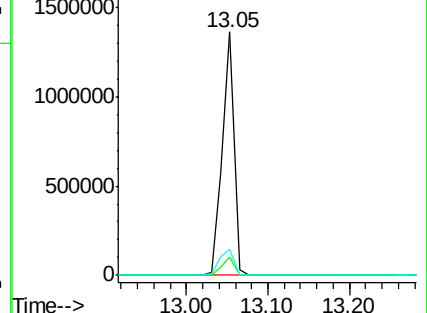
122 10.7 11.4 17.2#



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: 15.57 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF085355.D

Acq: 11 Mar 2016 1:44

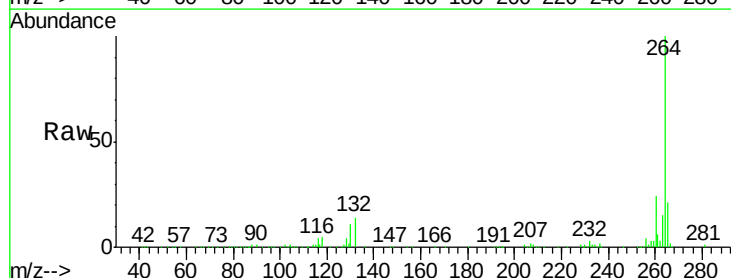
Tgt Ion:264 Resp: 309952

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.8 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

