

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
 Data File : BF085358.D
 Acq On : 11 Mar 2016 3:10
 Operator : UM/SJ
 Sample : H1623-07RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-34-022516RE

Quant Time: Mar 11 04:39:20 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	148358	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	540742	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	247635	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	413677	20.00	ng	0.00
75) Chrysene-d12	14.09	240	296108	20.00	ng	-0.01
86) Perylene-d12	15.56	264	308120	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1144971	129.45	ng	0.01
7) Phenol-d6	6.57	99	1316617	113.62	ng	0.00
23) Nitrobenzene-d5	7.50	82	933111	92.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	304482	143.70	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1689955	103.79	ng	0.00
78) Terphenyl-d14	13.05	244	1297170	101.69	ng	0.00

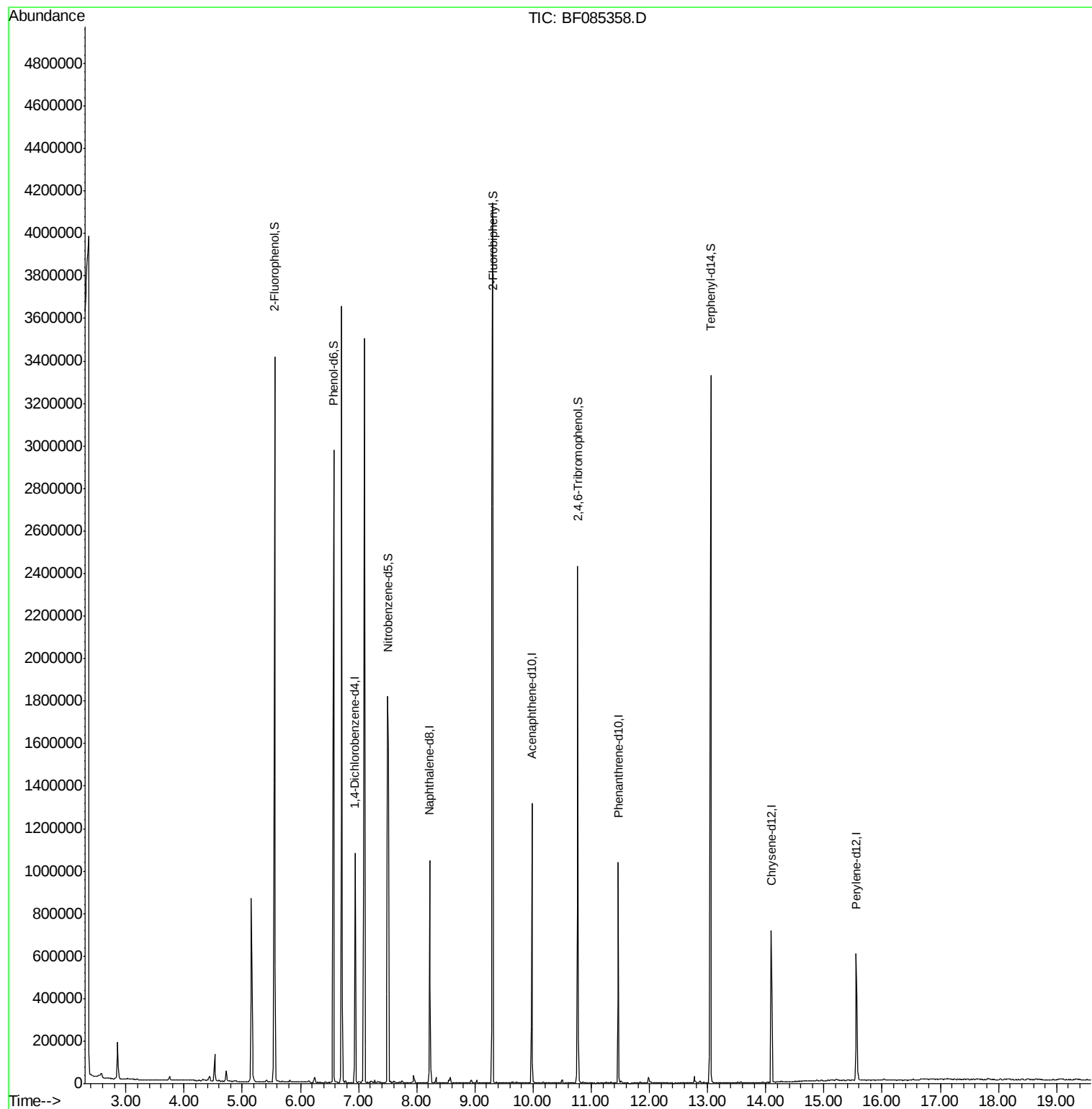
Target Compounds Qvalue

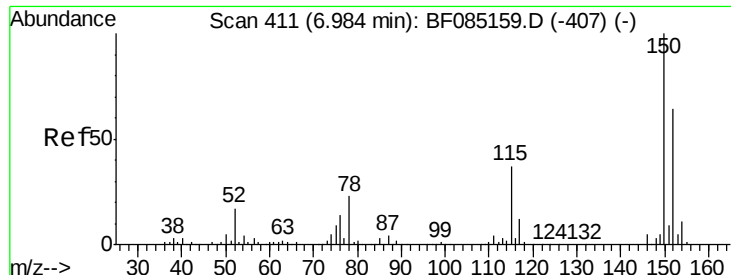
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085358.D

Acq: 11 Mar 2016 3:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-34-022516RE

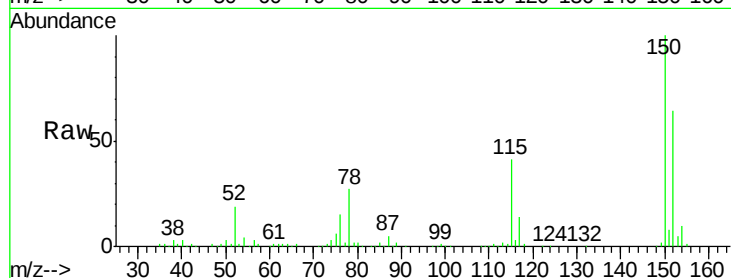
Tot Ion:152 Resp: 148358

Ion Ratio Lower Upper

152 100

150 155.6 124.6 186.8

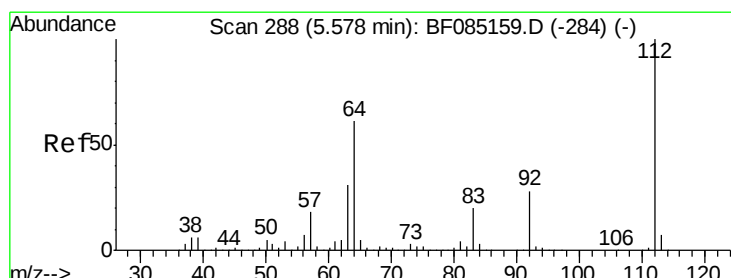
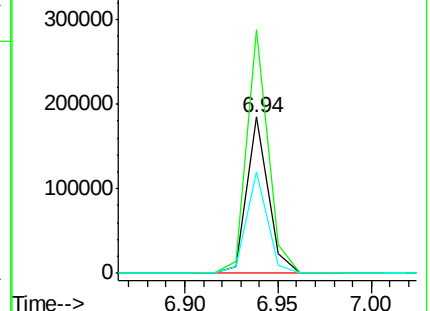
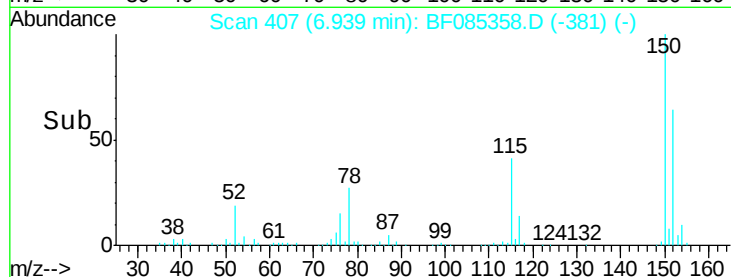
115 64.6 46.6 70.0



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: 129.45 ng

RT: 5.56 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF085358.D

Acq: 11 Mar 2016 3:10

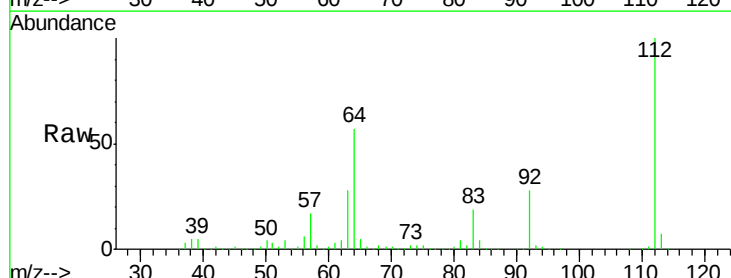
Tgt Ion:112 Resp: 1144971

Ion Ratio Lower Upper

112 100

64 56.5 49.0 73.4

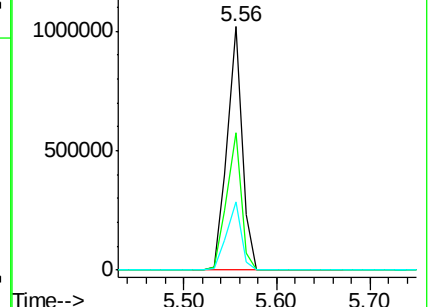
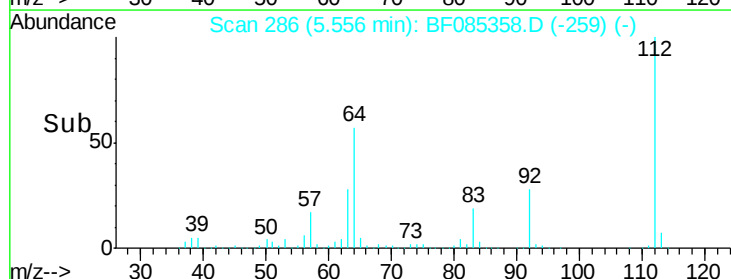
63 28.3 24.8 37.2

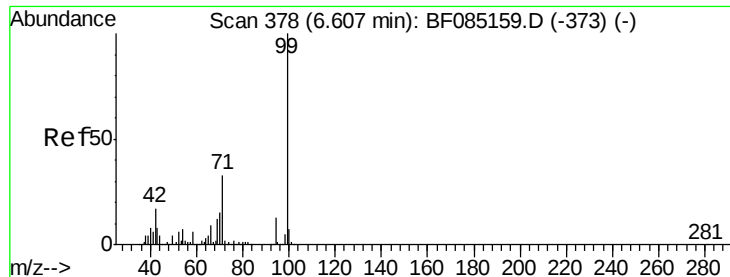


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.62 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF085358.D

Acq: 11 Mar 2016 3:10

Instrument :

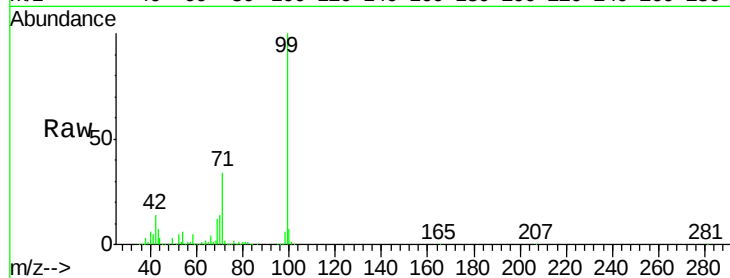
BNA_F

ClientSampleId :

HSR-WC-34-022516RE

Tot Ion: 99 Resp: 1316617

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.6	20.4
71	33.7	26.7	40.1

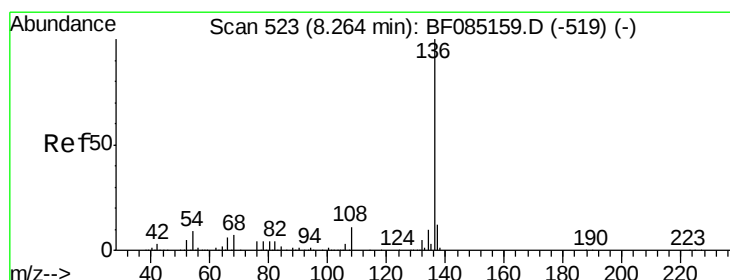
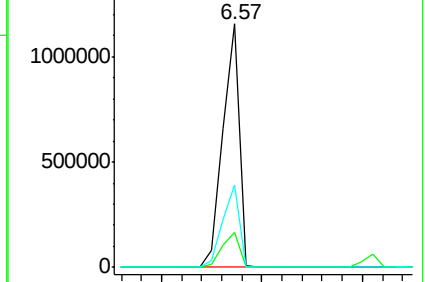
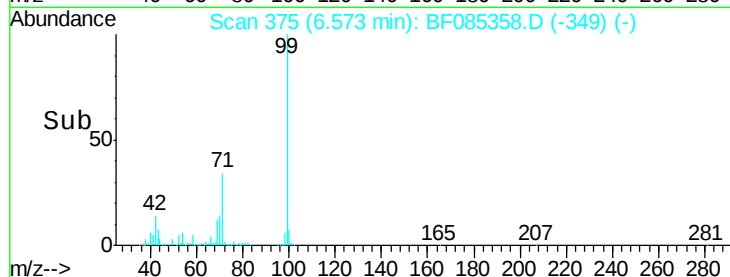


Abundance

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

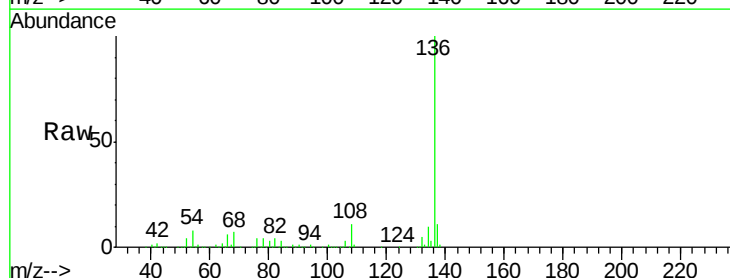
Delta R.T. -0.01 min

Lab File: BF085358.D

Acq: 11 Mar 2016 3:10

Tgt Ion: 136 Resp: 540742

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	8.5	7.4	11.2
68	7.0	6.0	9.0



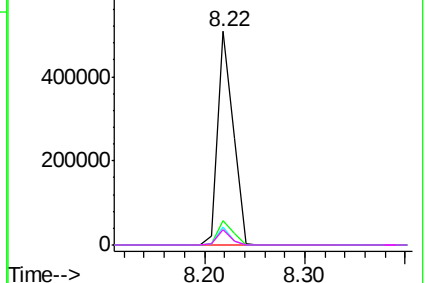
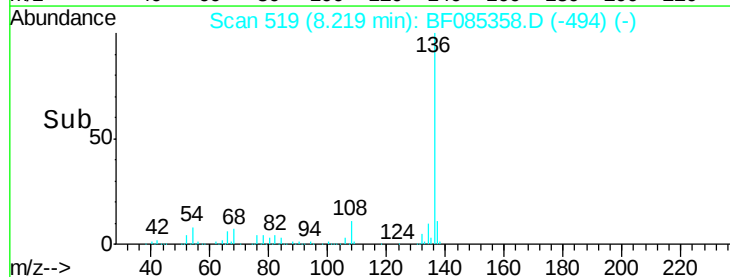
Abundance

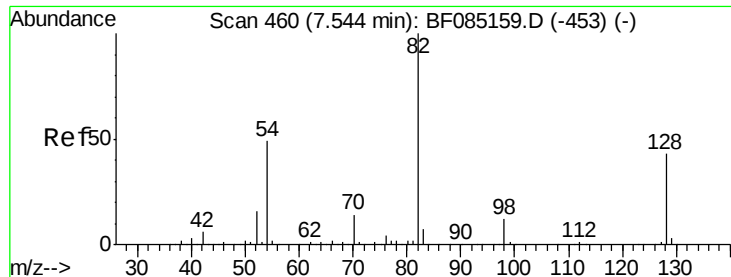
Ion 136.00 (135.70 to 136.70): E

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

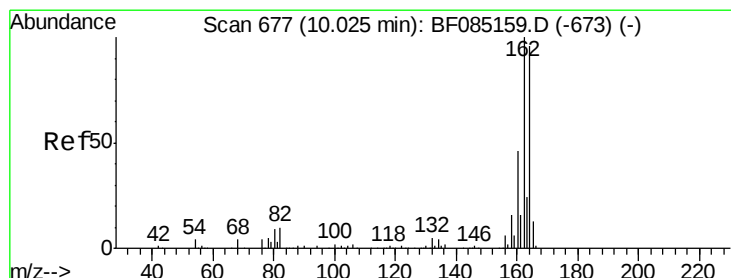
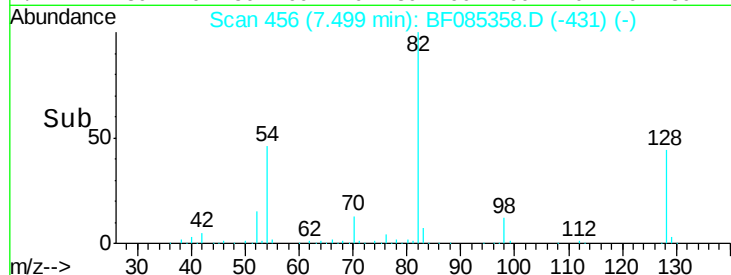
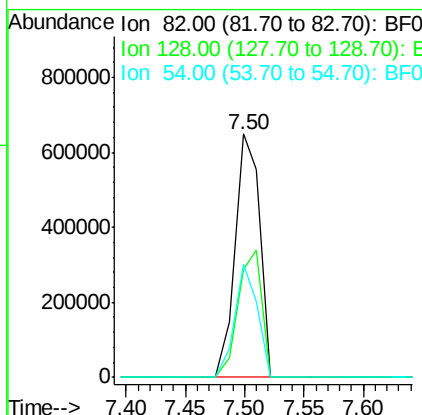
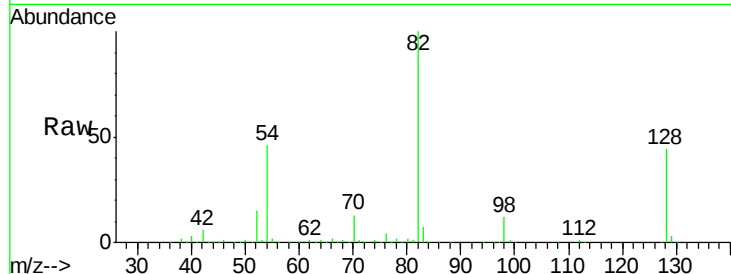




#23
 Nitrobenzene-d5
 Concen: 92.34 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF085358.D
 Acq: 11 Mar 2016 3:10

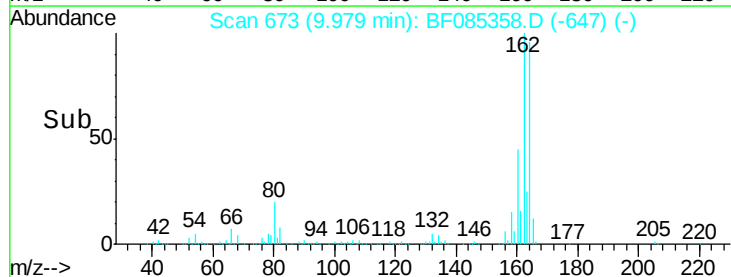
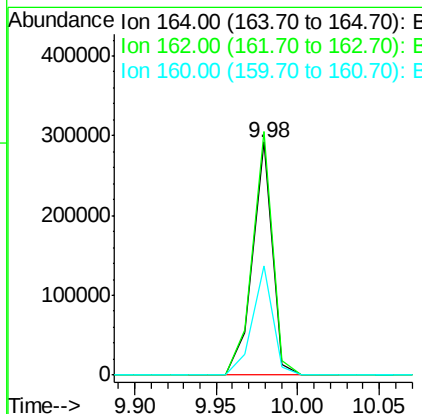
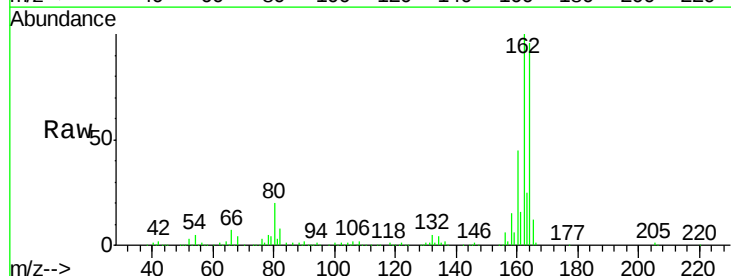
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-34-022516RE

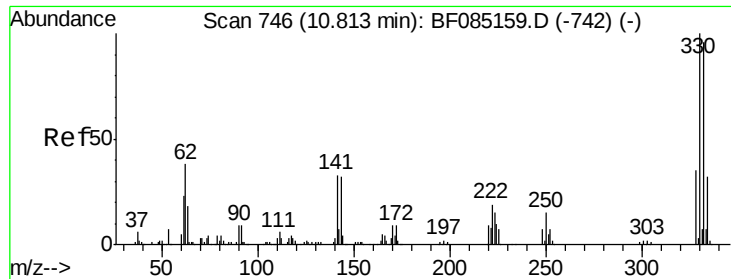
Tot Ion	82	Resp	933111
Ion Ratio	Lower	Upper	
82	100		
128	44.3	34.5	51.7
54	46.2	39.3	58.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF085358.D
 Acq: 11 Mar 2016 3:10

Tgt Ion	164	Resp	247635
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
164	100		
162	104.6	83.3	124.9
160	46.8	37.9	56.9

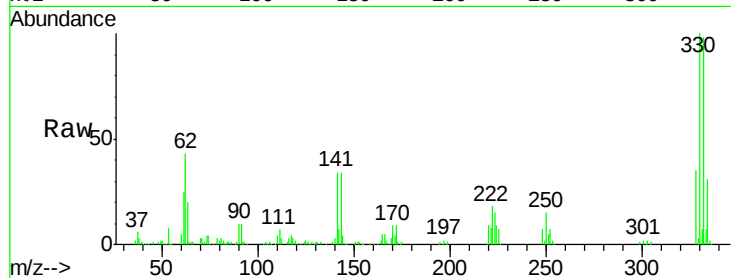




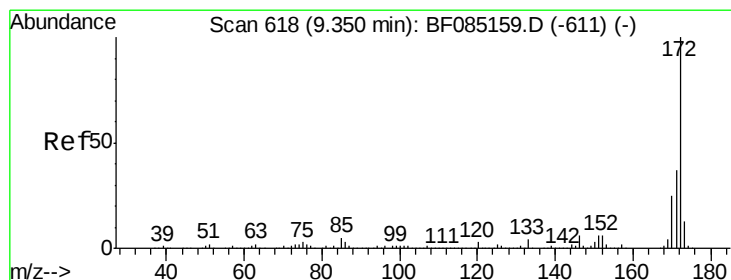
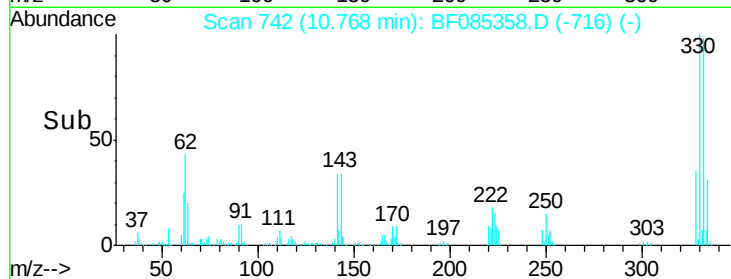
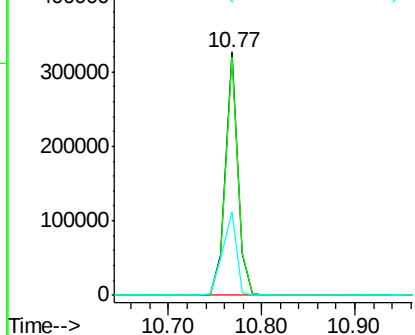
#41
 2,4,6-Tribromophenol
 Concen: 143.70 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF085358.D
 Acq: 11 Mar 2016 3:10

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-34-022516RE

Tot Ion:330 Resp: 304482
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.1 115.7
 141 37.8 35.0 52.6

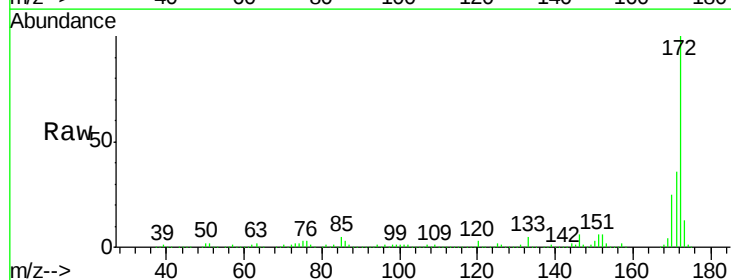


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

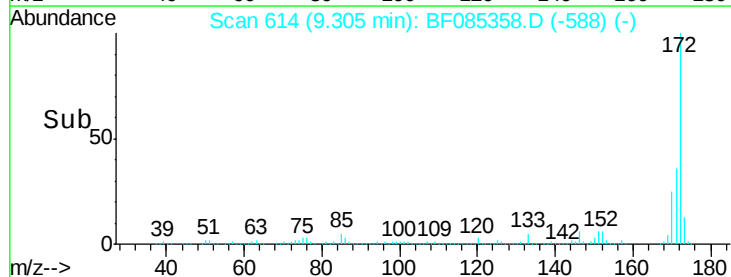
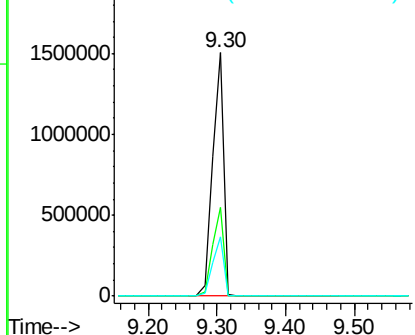


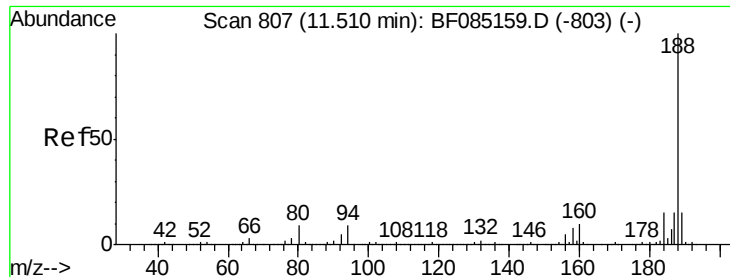
#44
 2-Fluorobiphenyl
 Concen: 103.79 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF085358.D
 Acq: 11 Mar 2016 3:10

Tgt Ion:172 Resp: 1689955
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.3 43.9
 170 24.5 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

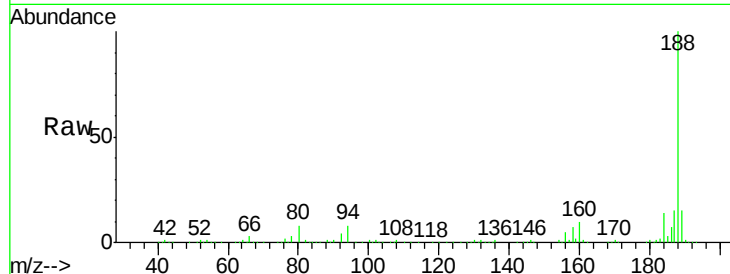




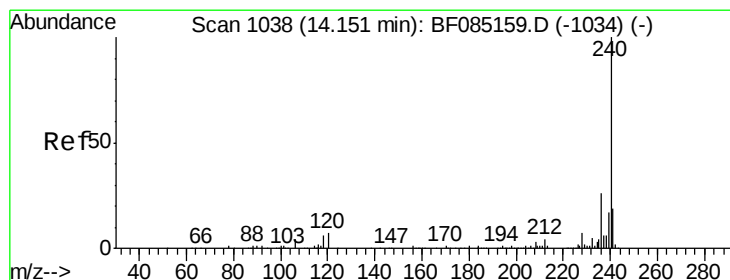
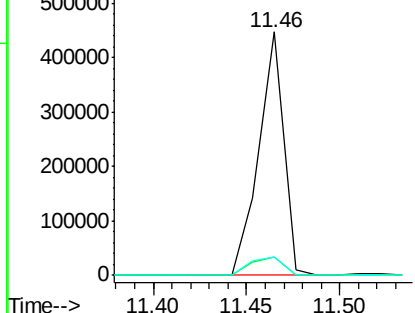
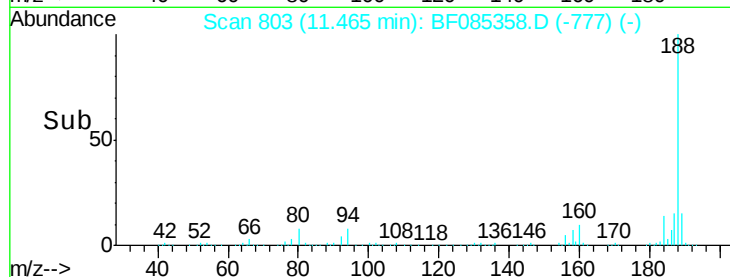
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF085358.D
Acq: 11 Mar 2016 3:10

Instrument :
BNA_F
ClientSampleId :
HSR-WC-34-022516RE

Tot Ion:188 Resp: 413677
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 7.7 7.4 11.0

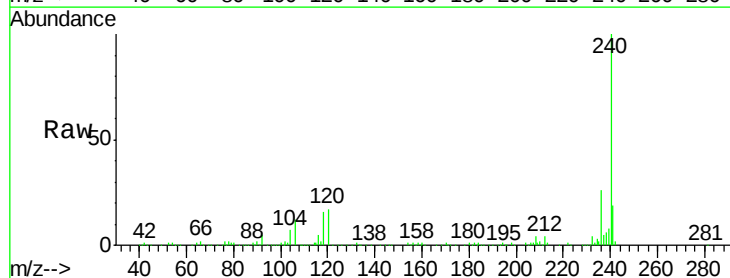


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

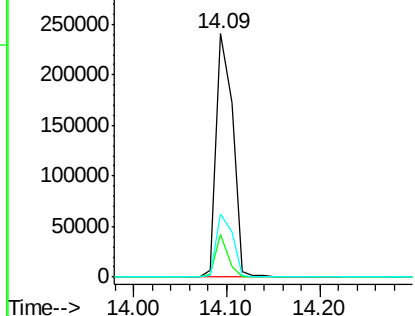
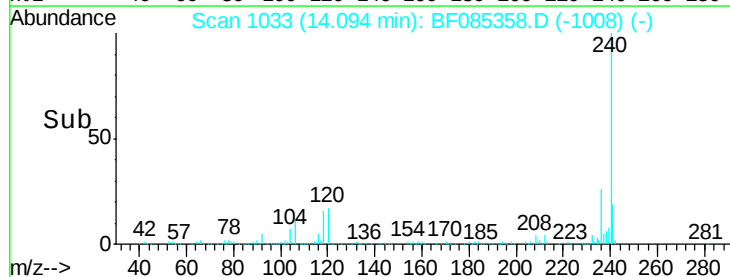


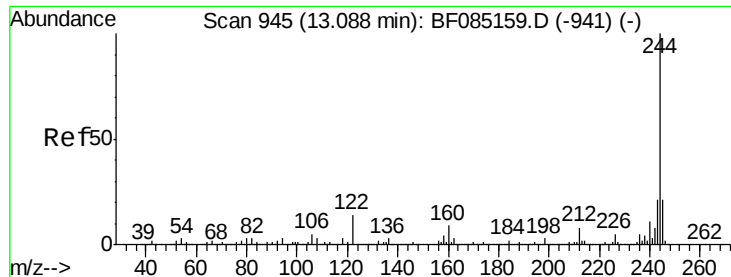
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF085358.D
Acq: 11 Mar 2016 3:10

Tgt Ion:240 Resp: 296108
Ion Ratio Lower Upper
240 100
120 17.4 5.3 7.9#
236 25.8 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: 101.69 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF085358.D

Acq: 11 Mar 2016 3:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-34-022516RE

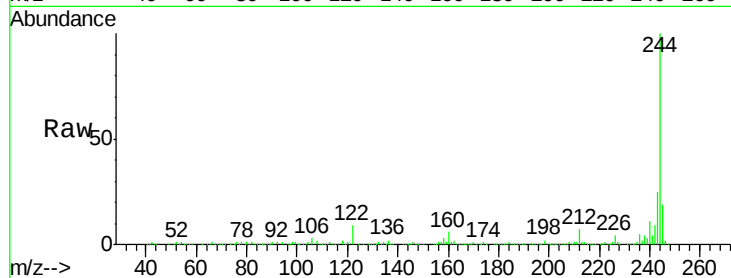
Tot Ion:244 Resp: 1297170

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

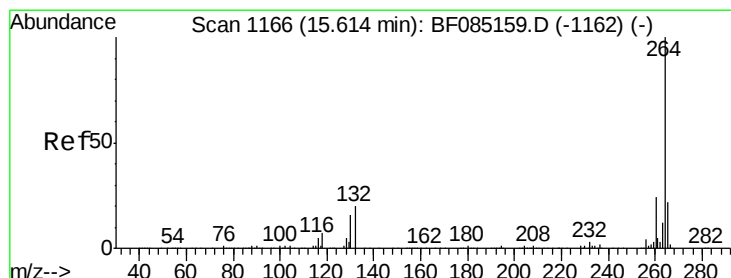
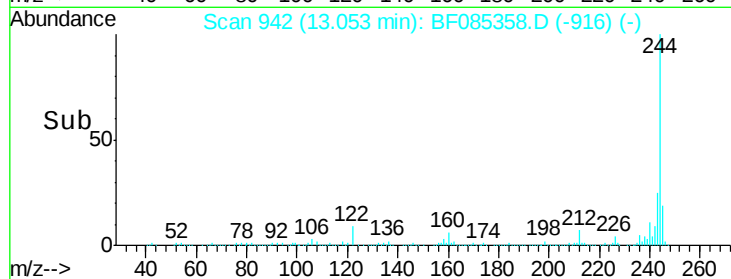
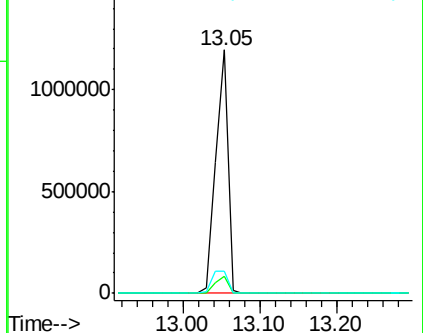
122 9.0 11.4 17.2#



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: BF085358.D

Acq: 11 Mar 2016 3:10

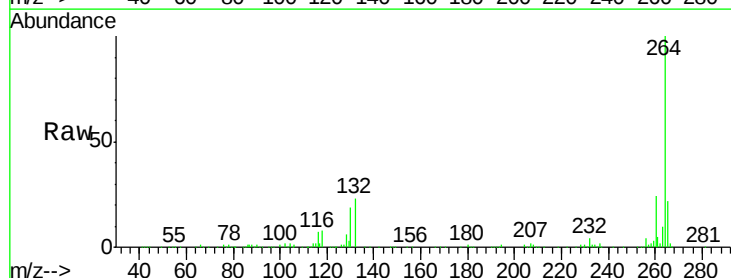
Tgt Ion:264 Resp: 308120

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.9 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

