

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
 Data File : BF092867.D
 Acq On : 8 Feb 2017 21:41
 Operator : SJ/MA
 Sample : I1740-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 020317-PR-E-U-M

Quant Time: Feb 09 00:29:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	153389	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	587649	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	320524	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	528888	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	506376	20.00	ng	-0.01
86) Perylene-d12	15.51	264	434702	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	323574	36.19	ng	0.00
7) Phenol-d6	6.52	99	240446	20.90	ng	-0.01
23) Nitrobenzene-d5	7.46	82	989035	93.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	216343	93.32	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1641198	92.76	ng	-0.01
78) Terphenyl-d14	13.01	244	1675617	77.75	ng	0.00

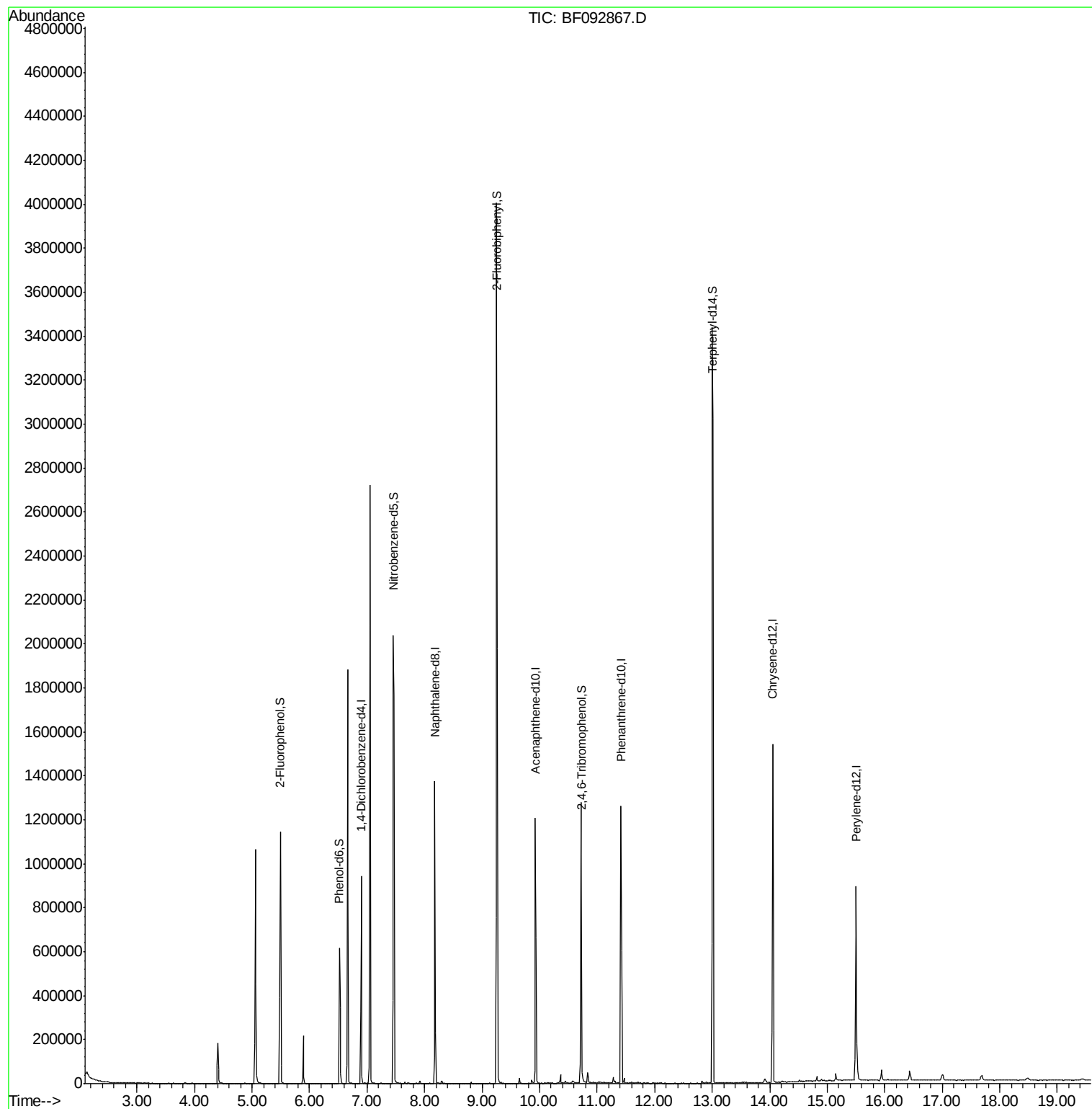
Target Compounds Qvalue

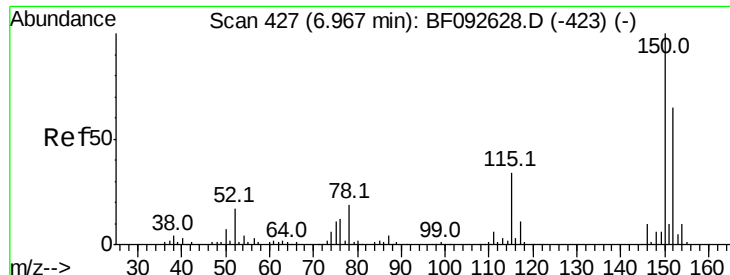
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
Data File : BF092867.D
Acq On : 8 Feb 2017 21:41
Operator : SJ/MA
Sample : I1740-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
020317-PR-E-U-M

Quant Time: Feb 09 00:29:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 23:48:40 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF092867.D

Acq: 8 Feb 2017 21:41

Instrument :

BNA_F

ClientSampleId :

020317-PR-E-U-M

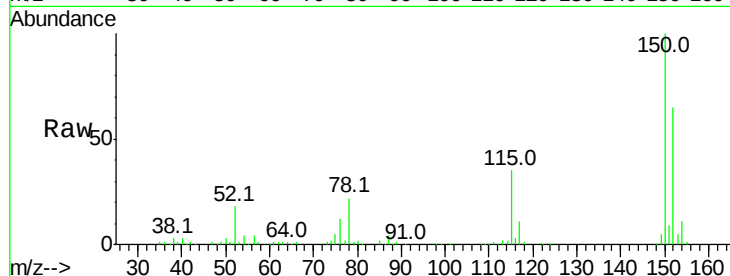
Tot Ion:152 Resp: 153389

Ion Ratio Lower Upper

152 100

150 153.7 124.9 187.3

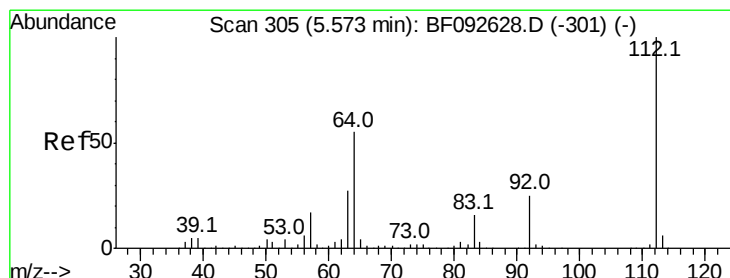
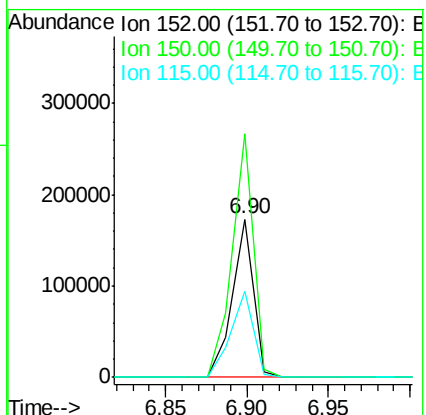
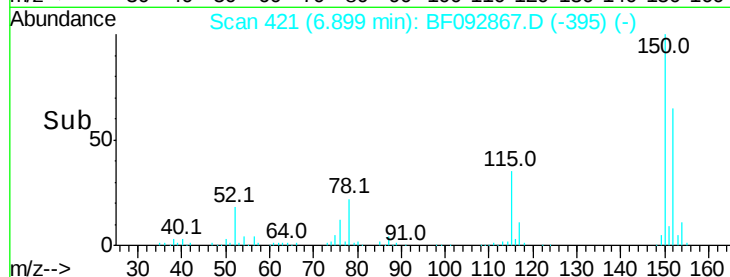
115 54.3 46.0 69.0



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: 36.19 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.00 min

Lab File: BF092867.D

Acq: 8 Feb 2017 21:41

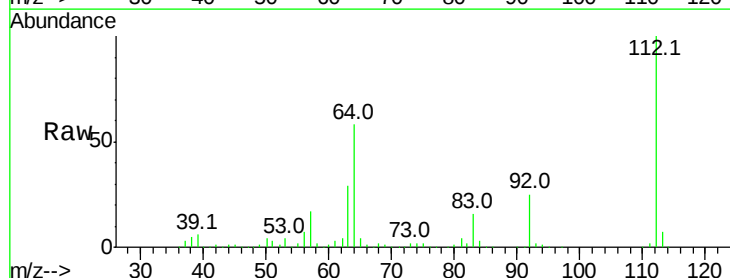
Tgt Ion:112 Resp: 323574

Ion Ratio Lower Upper

112 100

64 57.8 46.1 69.1

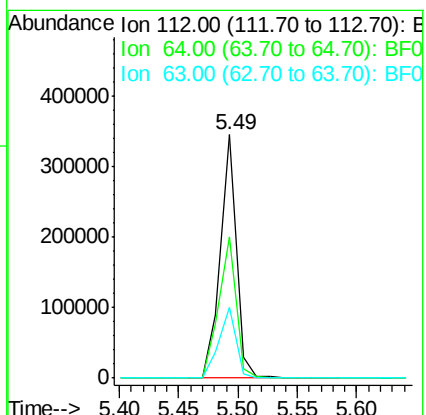
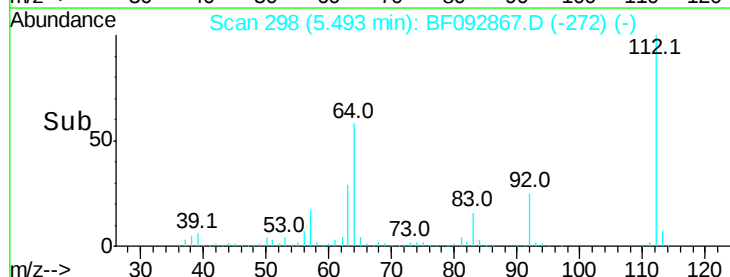
63 29.0 23.8 35.6

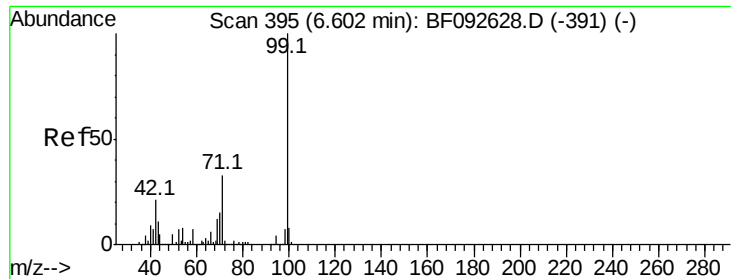


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.90 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092867.D

Acq: 8 Feb 2017 21:41

Instrument :

BNA_F

ClientSampleId :

020317-PR-E-U-M

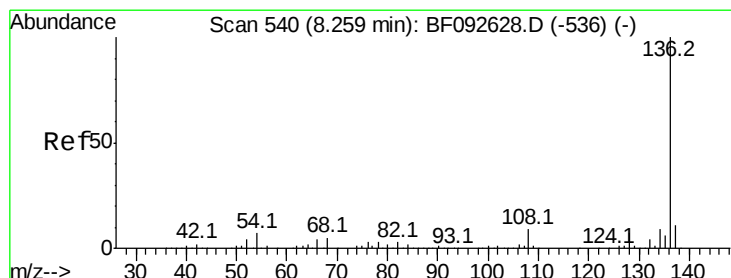
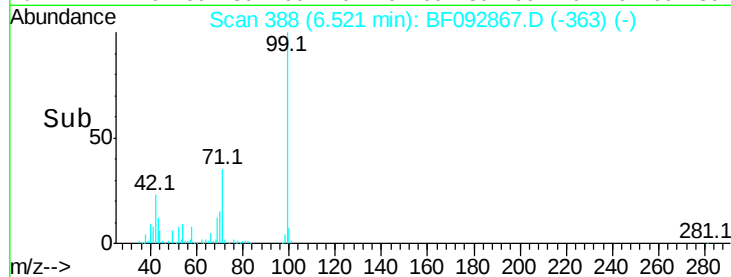
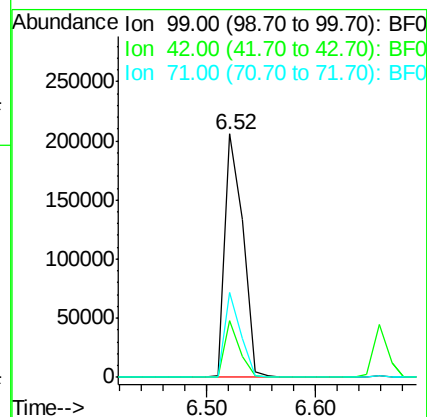
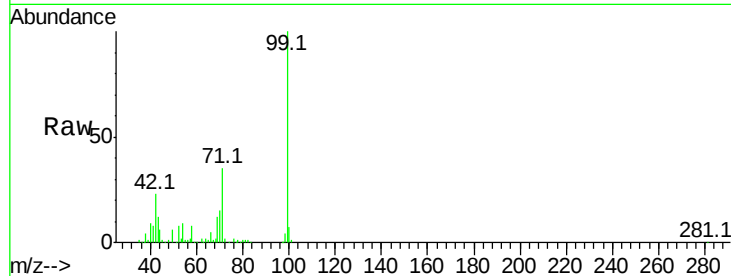
Tot Ion: 99 Resp: 240446

Ion Ratio Lower Upper

99 100

42 23.1 15.6 23.4

71 35.1 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092867.D

Acq: 8 Feb 2017 21:41

Tgt Ion: 136 Resp: 587649

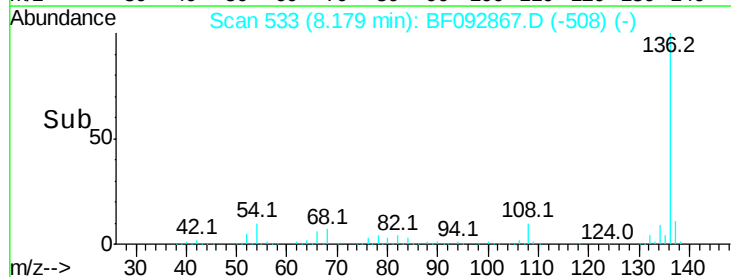
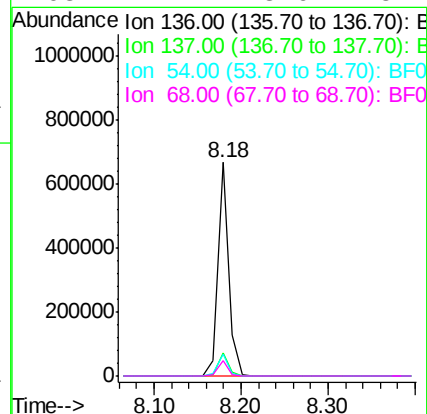
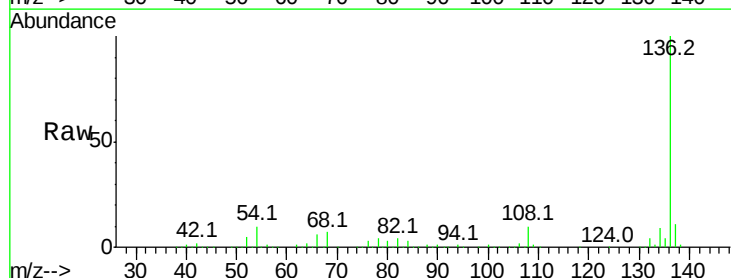
Ion Ratio Lower Upper

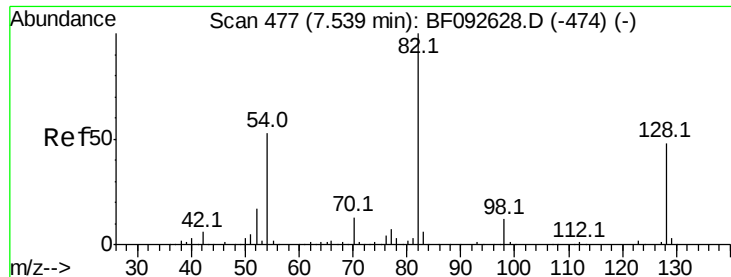
136 100

137 10.9 8.4 12.6

54 10.5 4.5 6.7#

68 7.2 3.6 5.4#

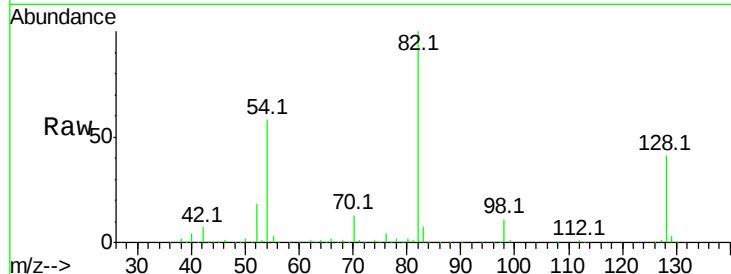




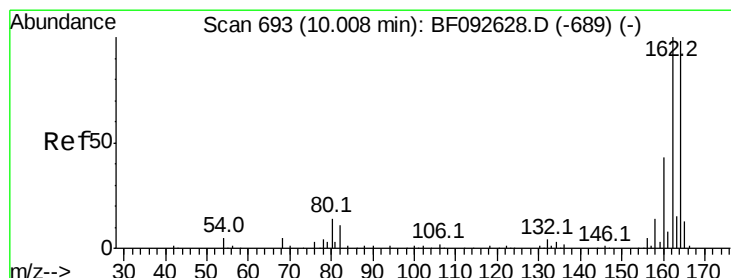
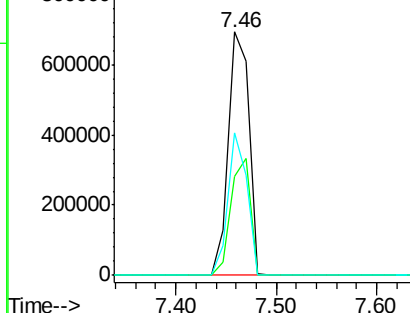
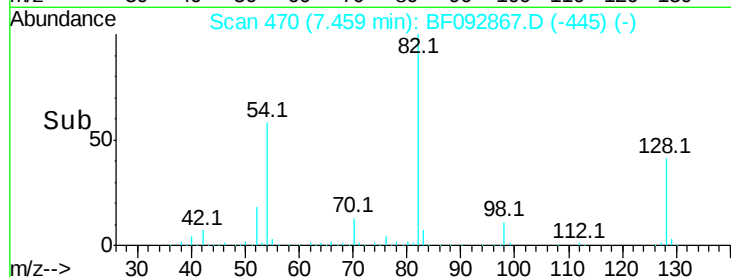
#23
 Nitrobenzene-d5
 Concen: 93.72 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF092867.D
 Acq: 8 Feb 2017 21:41

Instrument :
 BNA_F
 ClientSampleId :
 020317-PR-E-U-M

Tot Ion	82	Resp	989035
Ion Ratio	100	Lower	Upper
128	40.9	34.6	52.0
54	58.3	39.5	59.3

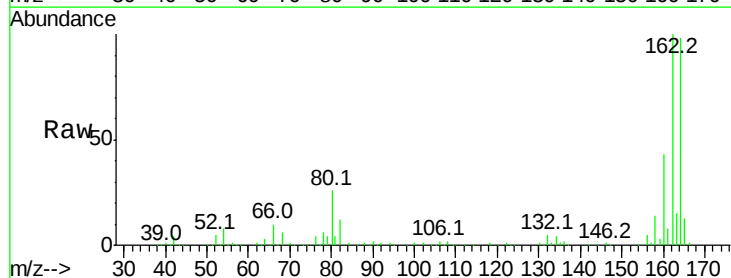


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

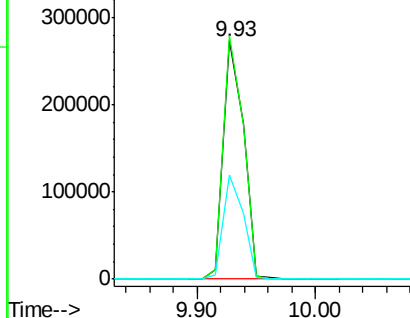
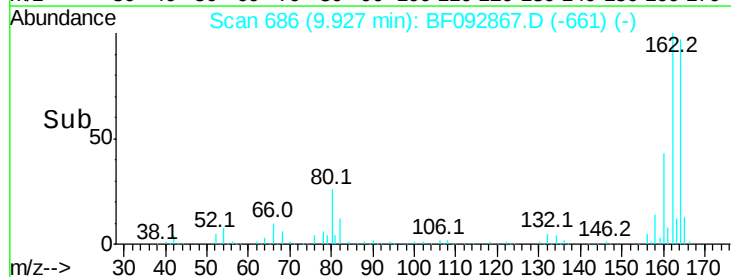


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF092867.D
 Acq: 8 Feb 2017 21:41

Tgt Ion	164	Resp	320524
Ion Ratio	100	Lower	Upper
162	102.3	80.2	120.2
160	44.0	36.9	55.3



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

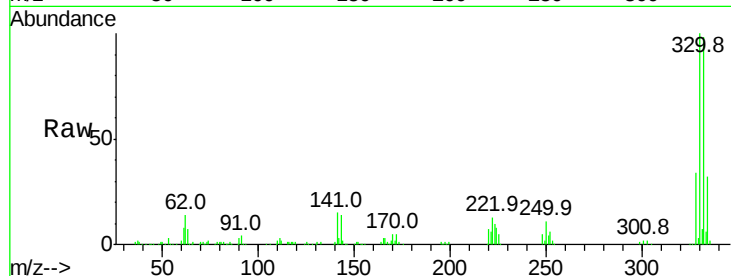




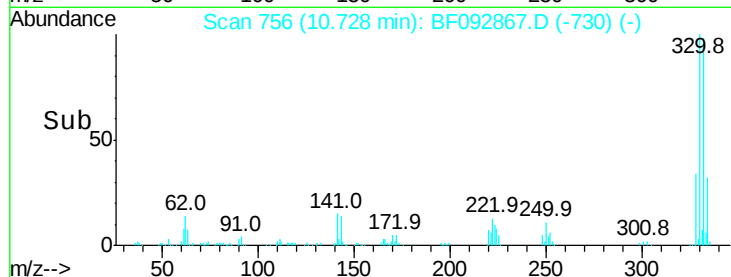
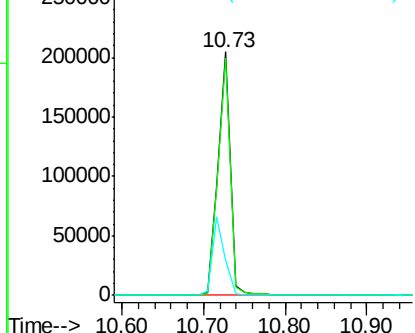
#41
 2,4,6-Tribromophenol
 Concen: 93.32 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF092867.D
 Acq: 8 Feb 2017 21:41

Instrument :
 BNA_F
 ClientSampleId :
 020317-PR-E-U-M

Tot Ion:330 Resp: 216343
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 33.0 34.1 51.1#

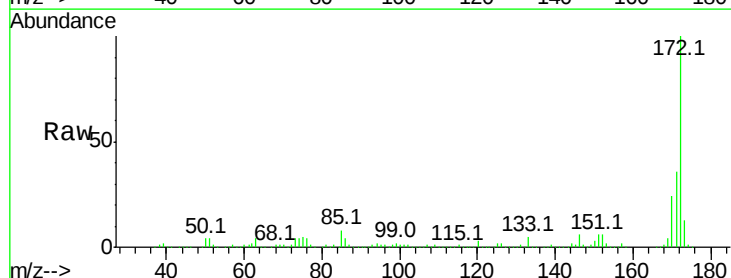


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

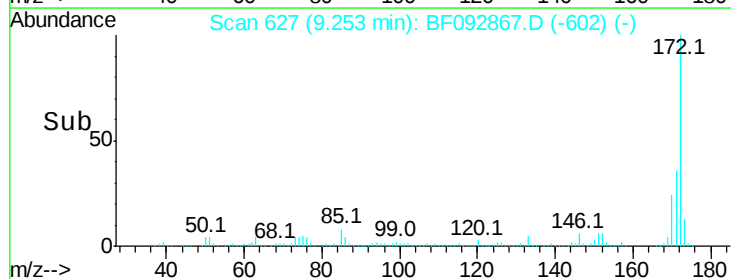
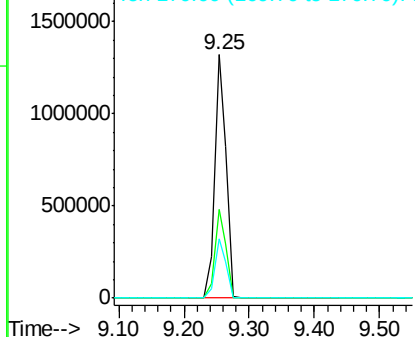


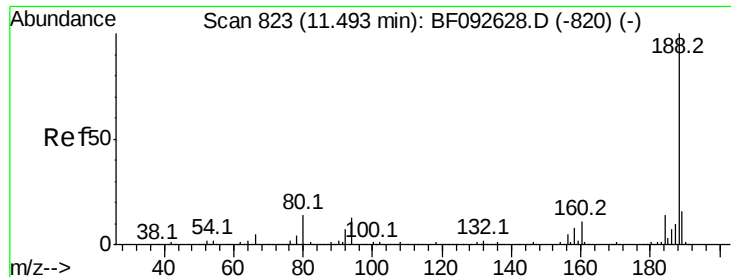
#44
 2-Fluorobiphenyl
 Concen: 92.76 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF092867.D
 Acq: 8 Feb 2017 21:41

Tgt Ion:172 Resp: 1641198
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.2 20.2 30.4



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

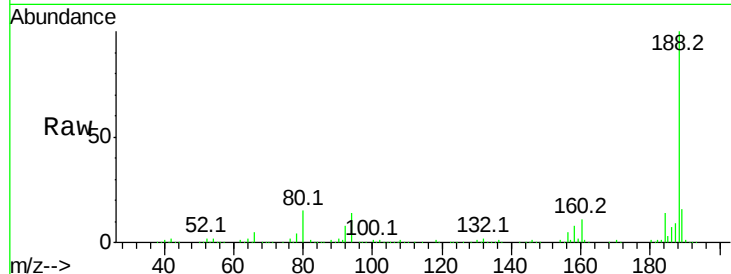




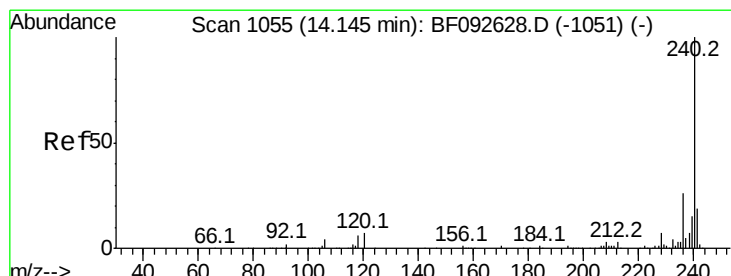
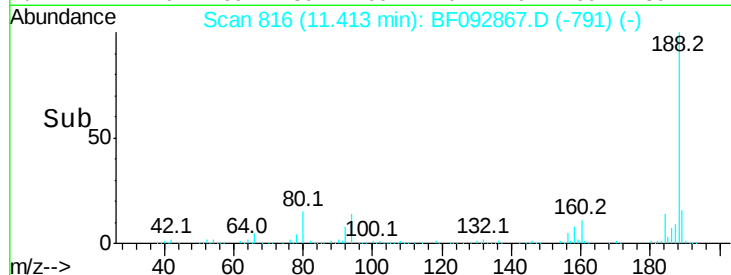
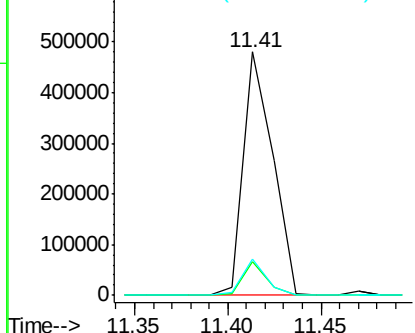
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF092867.D
Acq: 8 Feb 2017 21:41

Instrument :
BNA_F
ClientSampleId :
020317-PR-E-U-M

Tot Ion:188 Resp: 528888
Ion Ratio Lower Upper
188 100
94 13.7 10.0 15.0
80 15.0 11.2 16.8

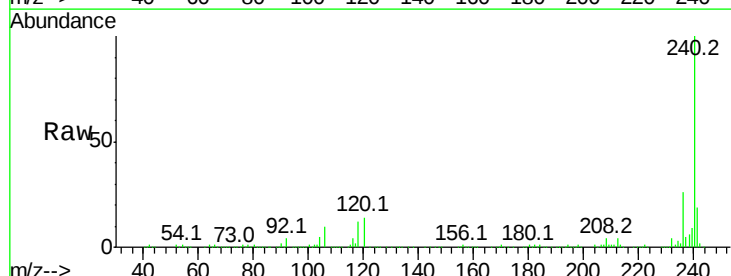


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

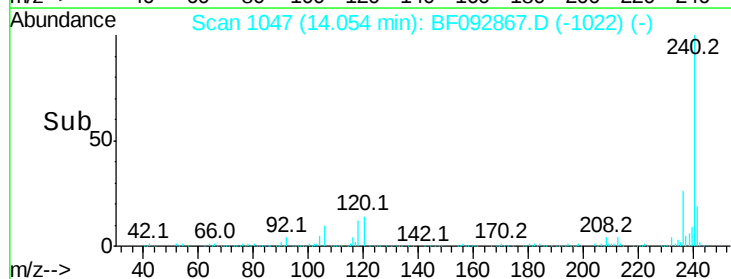
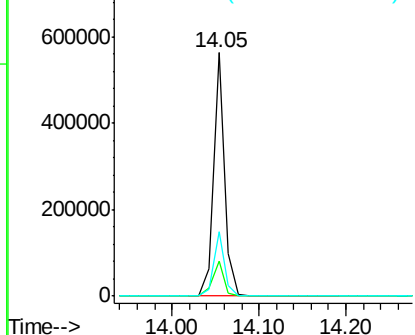


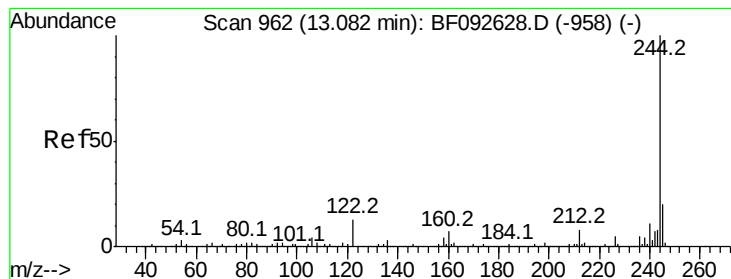
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF092867.D
Acq: 8 Feb 2017 21:41

Tgt Ion:240 Resp: 506376
Ion Ratio Lower Upper
240 100
120 14.2 12.9 19.3
236 26.4 20.9 31.3



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: 77.75 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF092867.D

Acq: 8 Feb 2017 21:41

Instrument :

BNA_F

ClientSampleId :

020317-PR-E-U-M

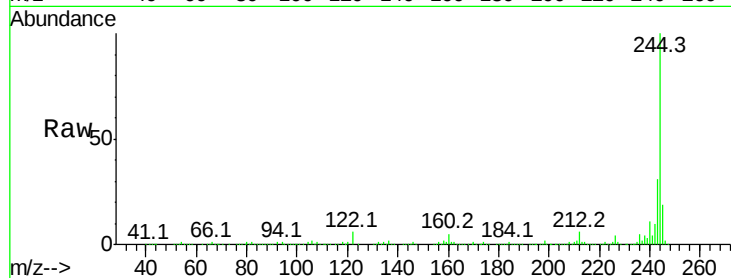
Tot Ion:244 Resp: 1675617

Ion Ratio Lower Upper

244 100

212 6.5 6.2 9.2

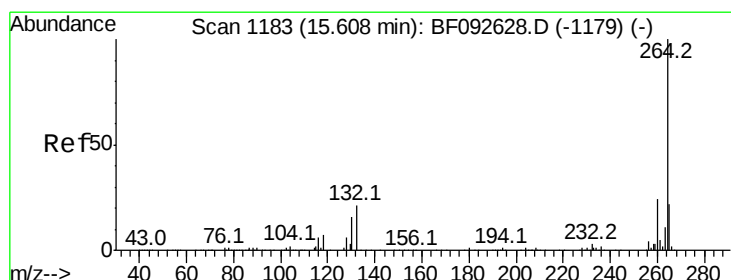
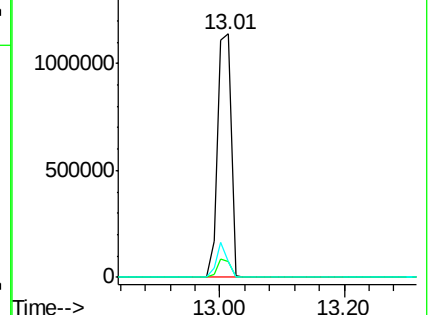
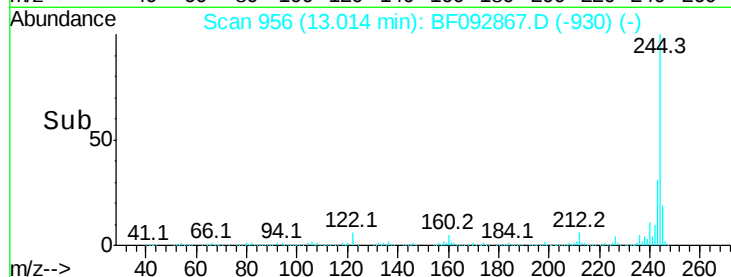
122 6.2 11.4 17.2#



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: 15.51 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF092867.D

Acq: 8 Feb 2017 21:41

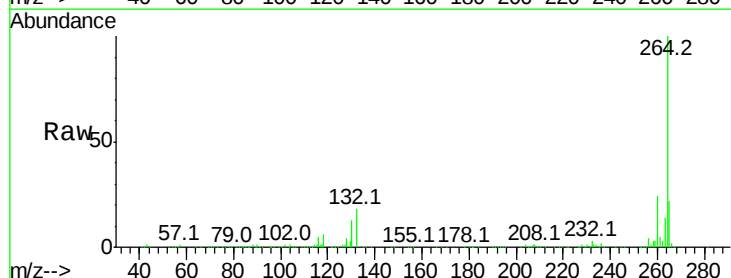
Tgt Ion:264 Resp: 434702

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.5 17.4 26.0



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

