

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102644.D
 Acq On : 30 Jan 2018 17:26
 Operator : SJ/JU
 Sample : J1019-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

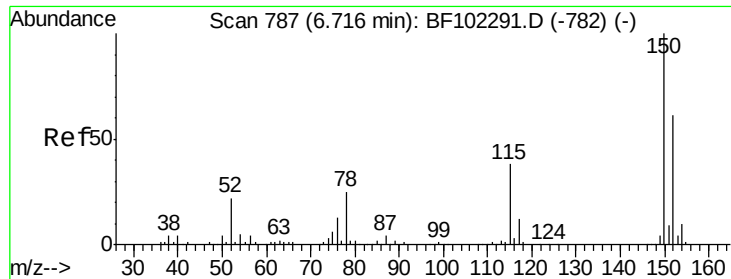
Instrument :
 BNA_F
 ClientSampleId :
 EO-03-012918-B

Quant Time: Jan 31 02:45:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	155531	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	652851	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	297692	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	527078	20.00	ng	0.00
75) Chrysene-d12	13.87	240	424496	20.00	ng	0.00
86) Perylene-d12	15.30	264	308801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1029214	100.34	ng	0.02
7) Phenol-d6	6.36	99	1144708	92.57	ng	0.00
23) Nitrobenzene-d5	7.28	82	861079	75.80	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	296825	100.63	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1502681	74.22	ng	0.00
78) Terphenyl-d14	12.82	244	1448407	76.92	ng	0.00

Target Compounds Qvalue

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

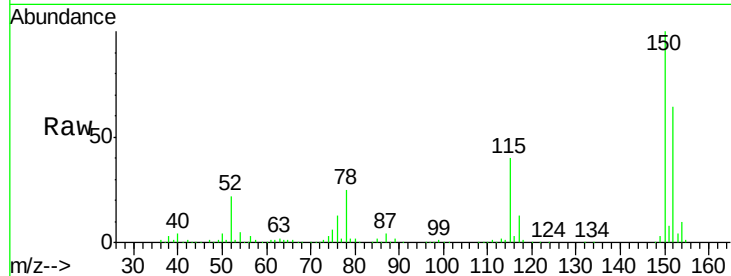


#1

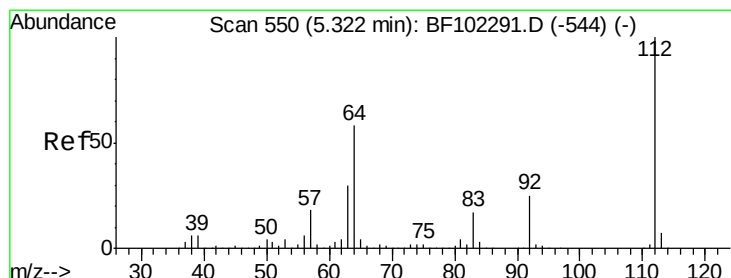
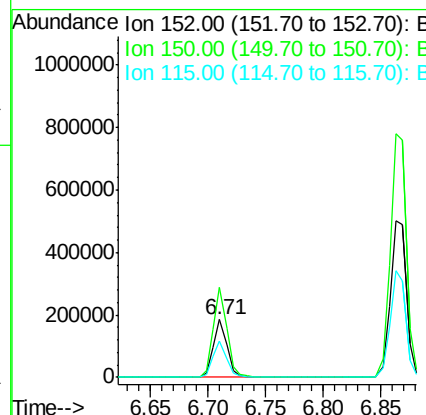
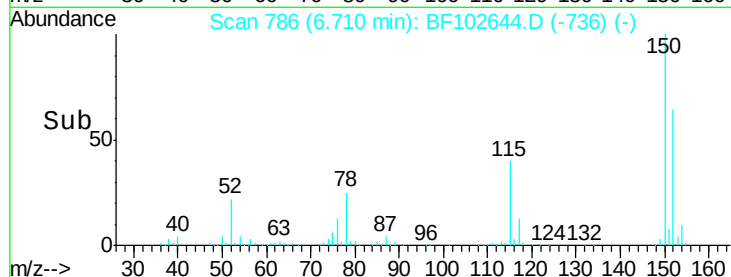
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102644.D
Acq: 30 Jan 2018 17:26

Instrument :
BNA_F
ClientSampleId :
EO-03-012918-B

Tot Ion:152 Resp: 155531
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 62.7 50.1 75.1



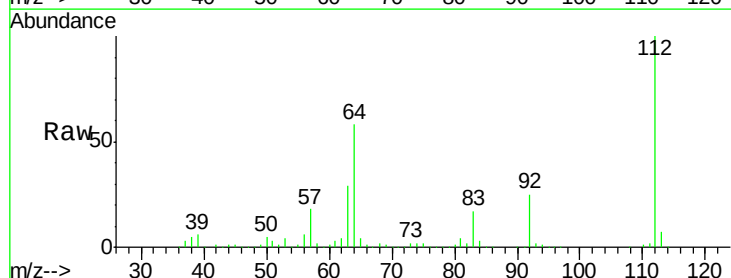
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



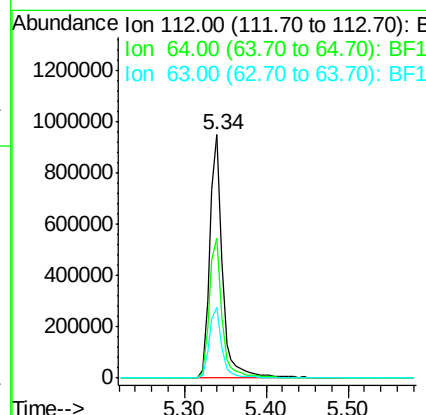
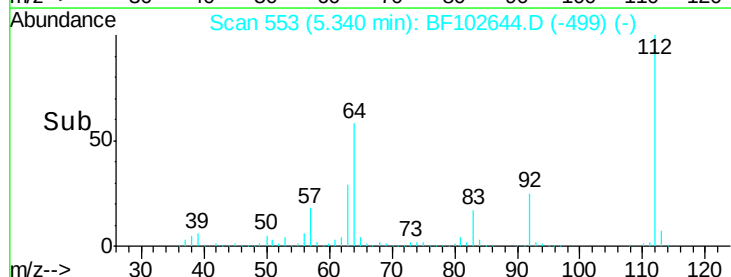
#5

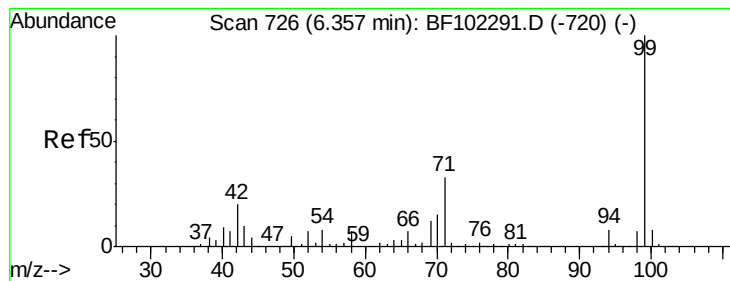
2-Fluorophenol
Concen: 100.337 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102644.D
Acq: 30 Jan 2018 17:26

Tgt Ion:112 Resp: 1029214
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 29.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 92.566 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102644.D

Acq: 30 Jan 2018 17:26

Instrument :

BNA_F

ClientSampleId :

EO-03-012918-B

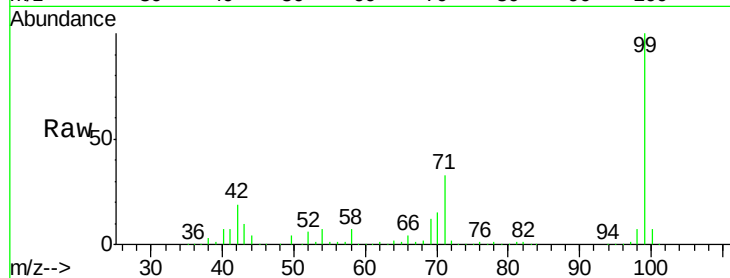
Tot Ion: 99 Resp: 1144708

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

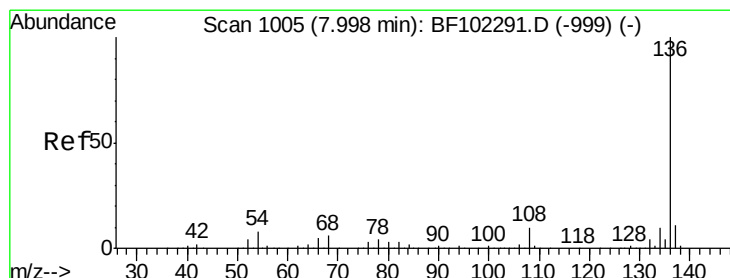
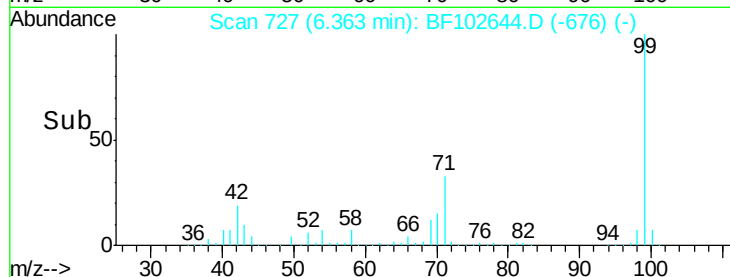
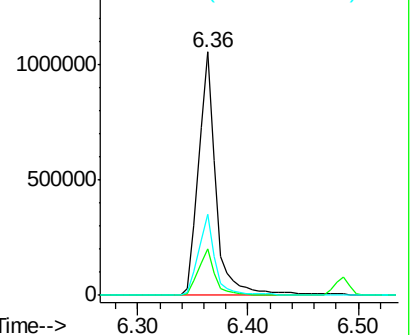
71 33.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102644.D

Acq: 30 Jan 2018 17:26

Tgt Ion: 136 Resp: 652851

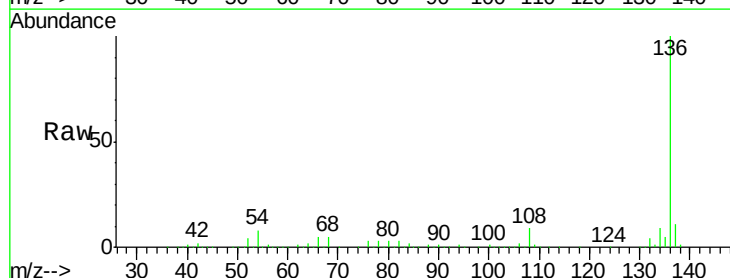
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 6.6 9.8

68 5.4 5.0 7.4

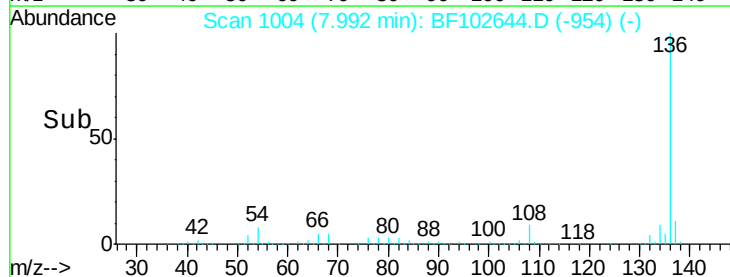
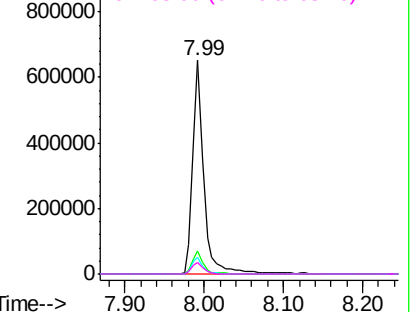


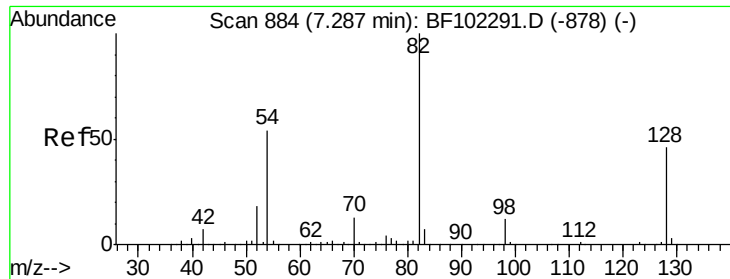
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

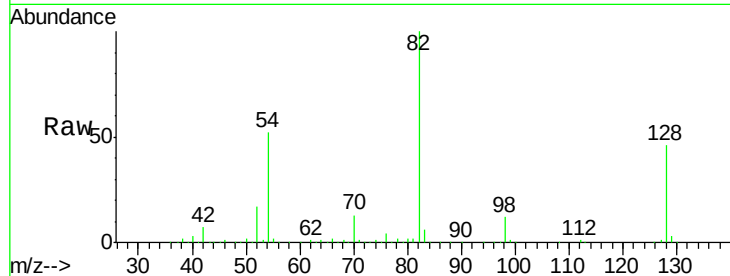




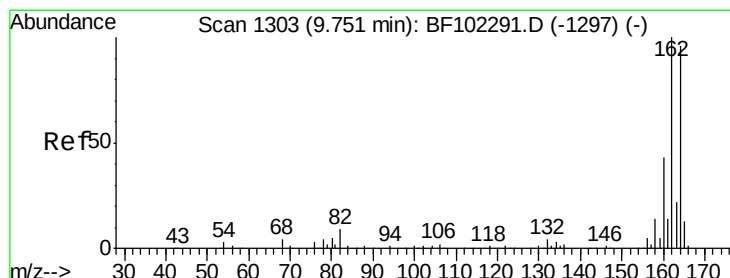
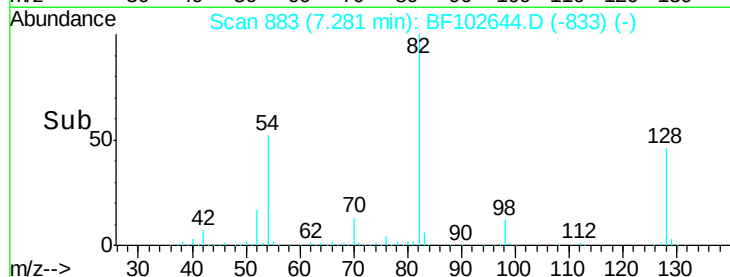
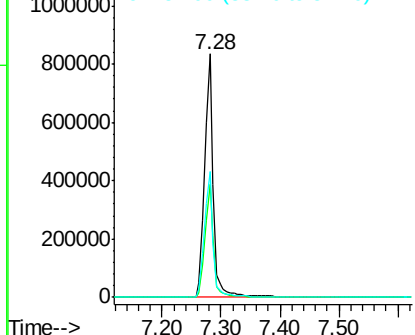
#23
 Nitrobenzene-d5
 Concen: 75.796 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102644.D
 Acq: 30 Jan 2018 17:26

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-012918-B

Tot Ion: 82 Resp: 861079
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.1 54.1
 54 51.7 41.4 62.2

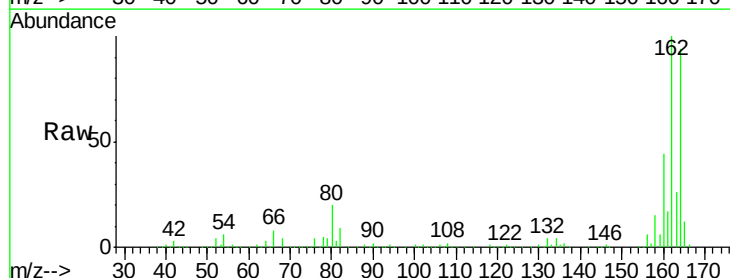


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

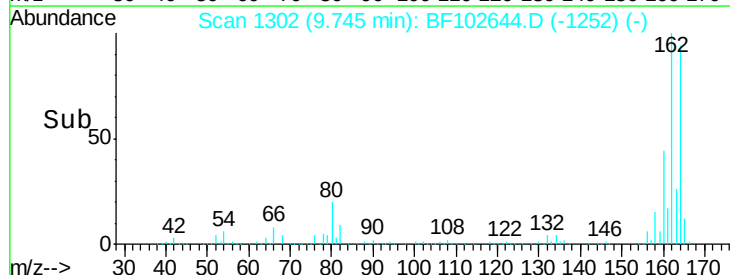
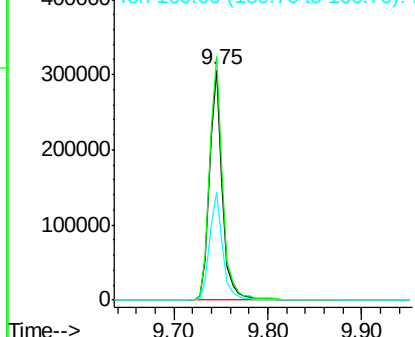


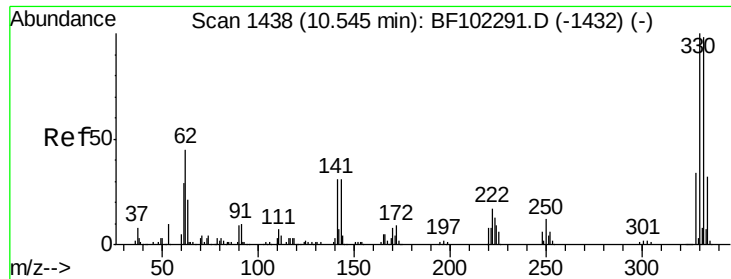
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102644.D
 Acq: 30 Jan 2018 17:26

Tgt Ion: 164 Resp: 297692
 Ion Ratio Lower Upper
 164 100
 162 105.9 86.1 129.1
 160 47.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

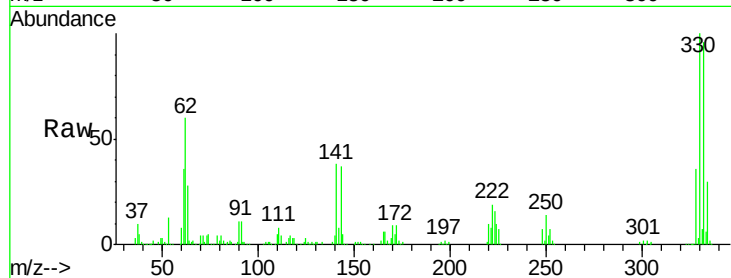




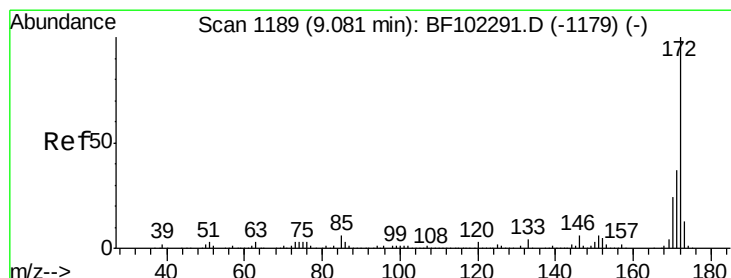
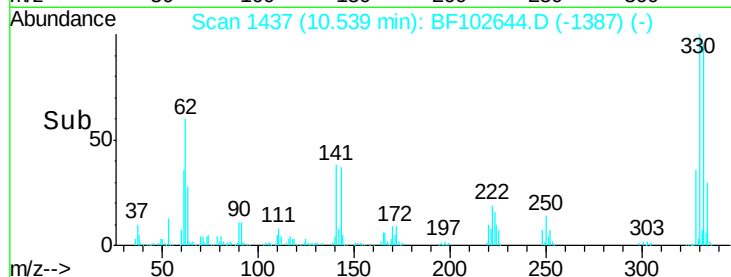
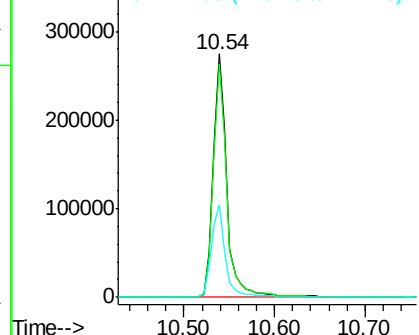
#41
 2,4,6-Tribromophenol
 Concen: 100.629 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102644.D
 Acq: 30 Jan 2018 17:26

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-012918-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	39.1	29.9	44.9

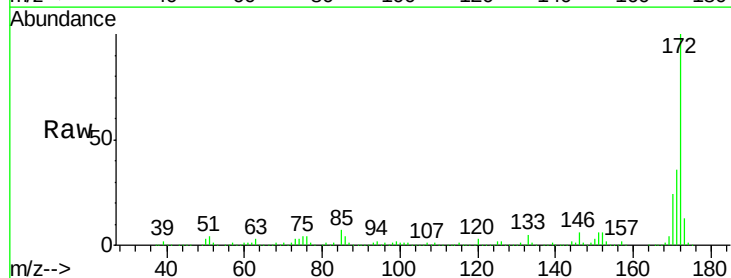


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

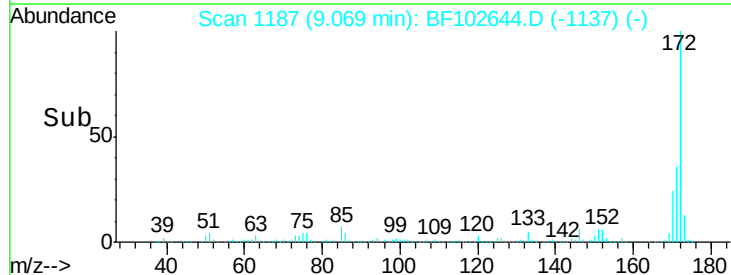
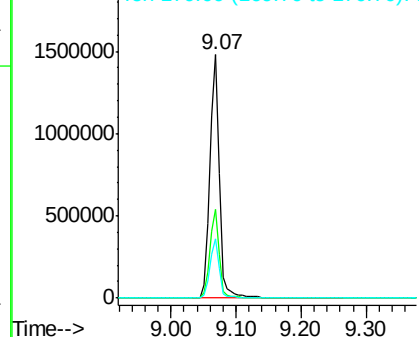


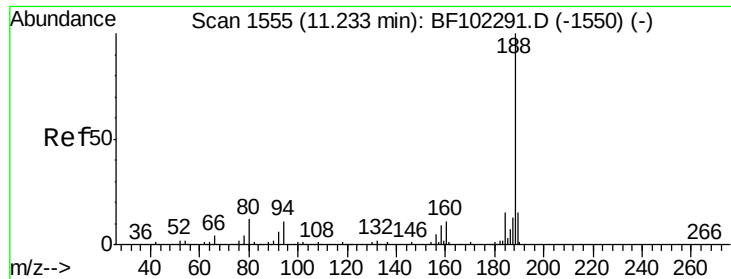
#44
 2-Fluorobiphenyl
 Concen: 74.220 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102644.D
 Acq: 30 Jan 2018 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4



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

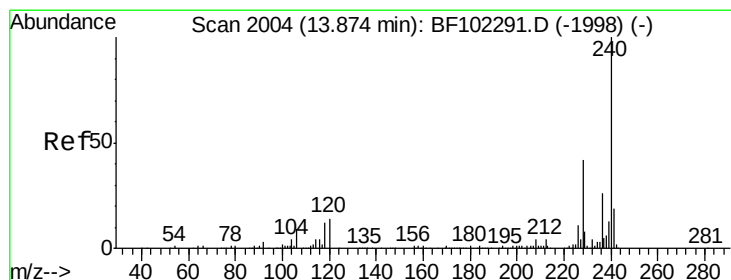
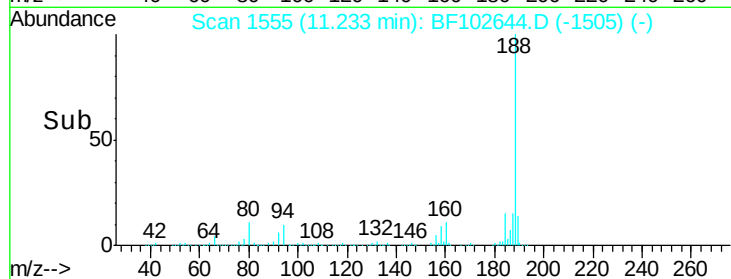
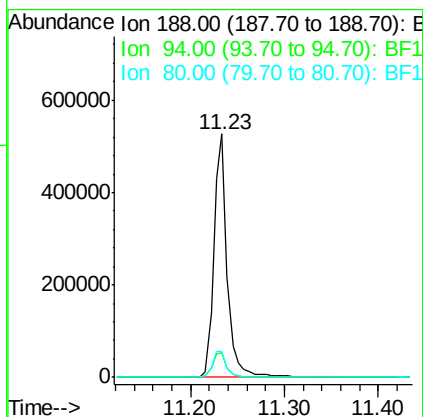
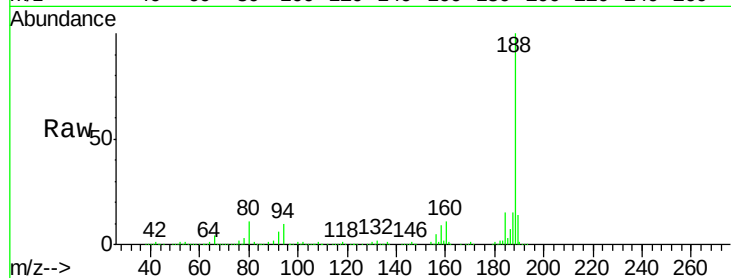




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102644.D
Acq: 30 Jan 2018 17:26

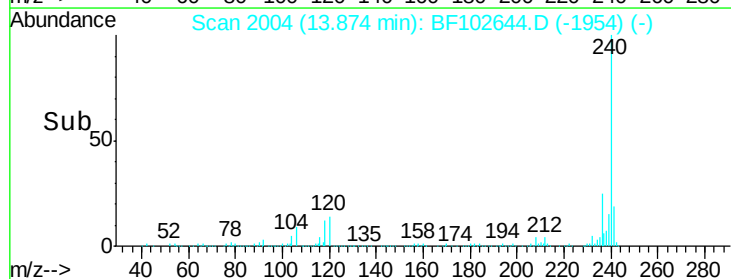
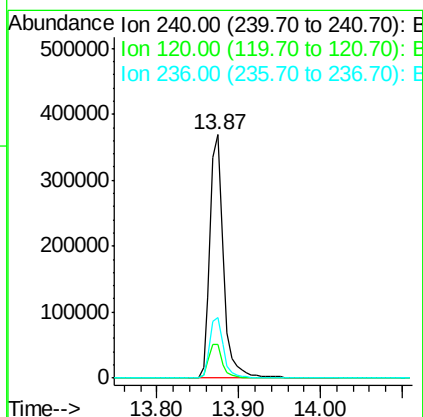
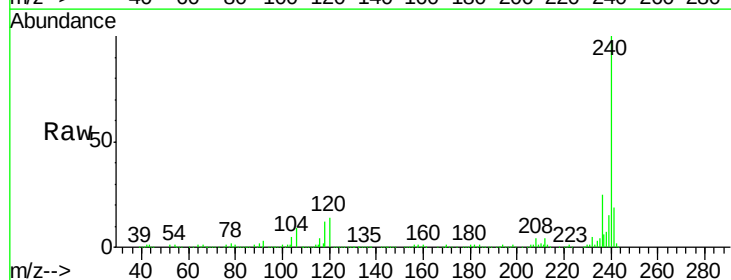
Instrument :
BNA_F
ClientSampleId :
EO-03-012918-B

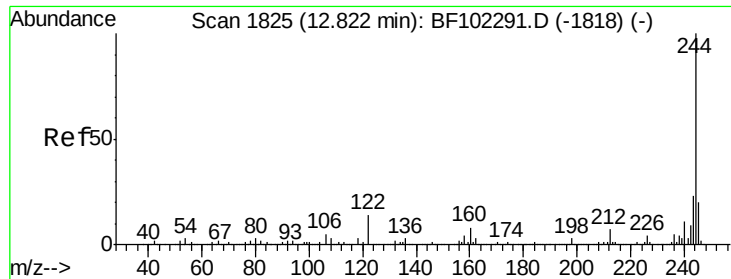
Tot Ion:188 Resp: 527078
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102644.D
Acq: 30 Jan 2018 17:26

Tgt Ion:240 Resp: 424496
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 24.8 20.7 31.1

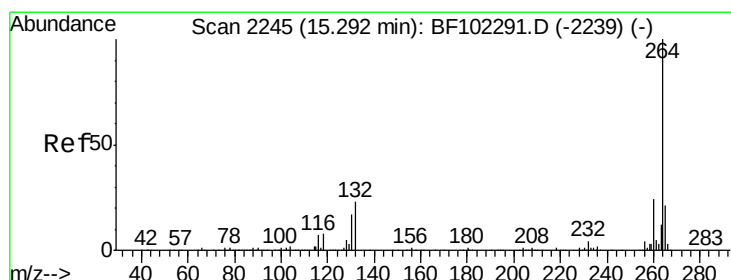
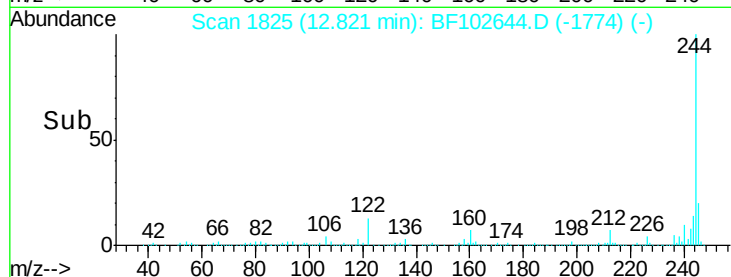
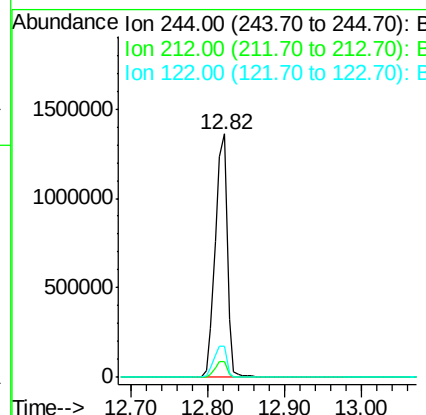
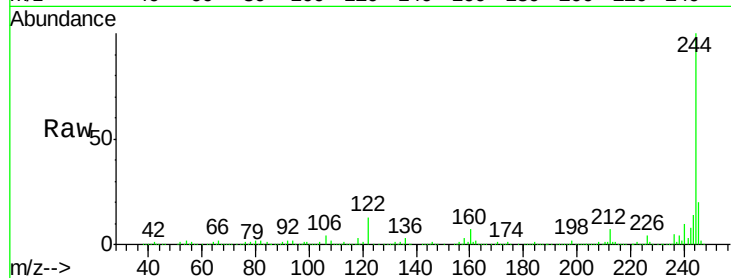




#78
 Terphenyl-d14
 Concen: 76.920 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102644.D
 Acq: 30 Jan 2018 17:26

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-012918-B

Tot Ion:244 Resp: 1448407
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.00 min
 Lab File: BF102644.D
 Acq: 30 Jan 2018 17:26

Tgt Ion:264 Resp: 308801
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.0 17.5 26.3

