

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109312.D
 Acq On : 26 Sep 2018 3:25
 Operator : JU/SJ
 Sample : J5052-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092018-JETT-F-D-B

Quant Time: Sep 26 08:30:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	109026	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	397311	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	170372	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	279871	20.00	ng	0.00
75) Chrysene-d12	13.84	240	254014	20.00	ng	0.00
86) Perylene-d12	15.24	264	179136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	292497	44.19	ng	0.00
7) Phenol-d6	6.34	99	264860	31.36	ng	-0.02
23) Nitrobenzene-d5	7.27	82	703184	104.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	152385	90.73	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1158071	102.52	ng	0.00
78) Terphenyl-d14	12.80	244	1044524	100.92	ng	0.00

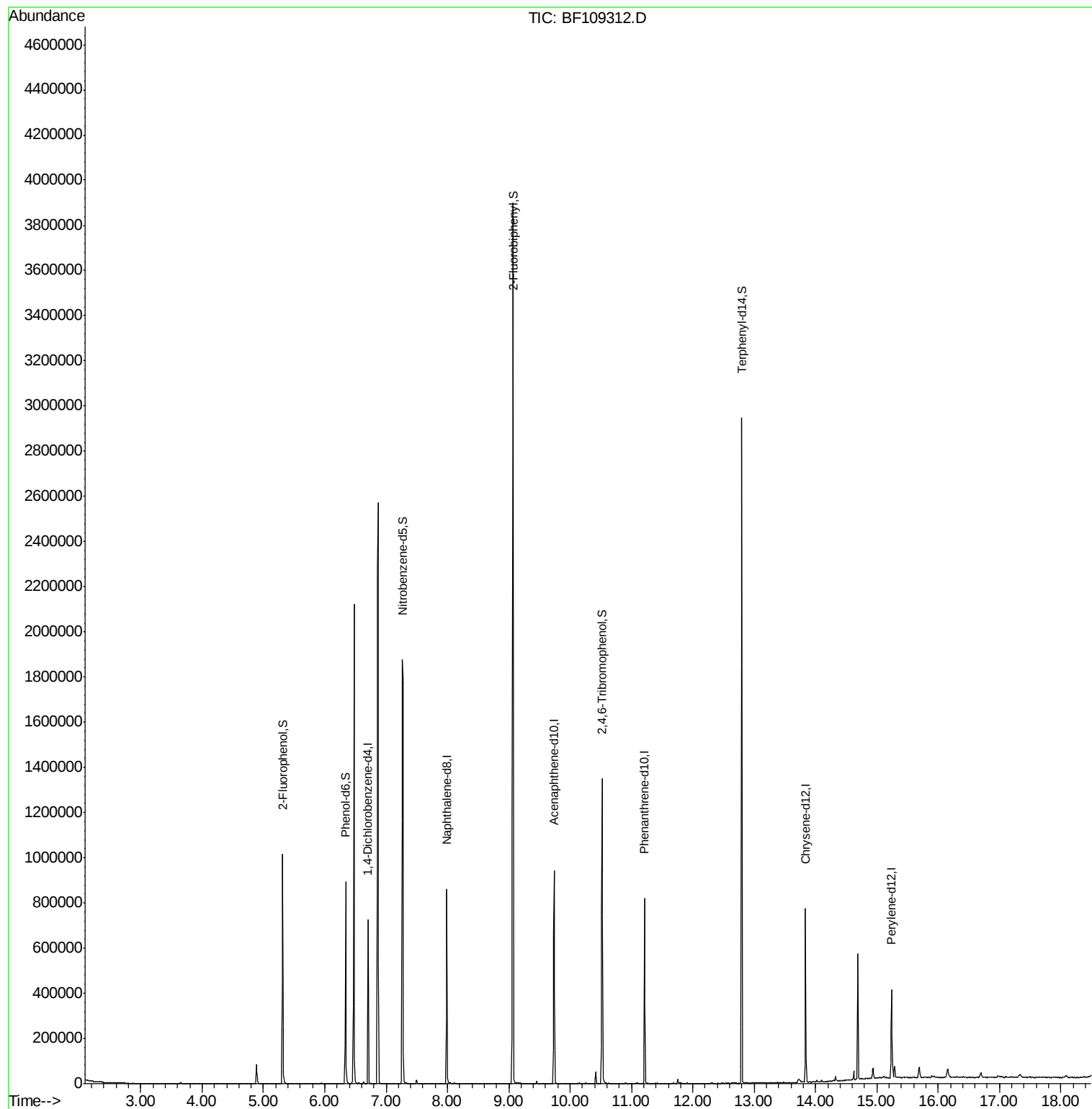
Target Compounds Qvalue

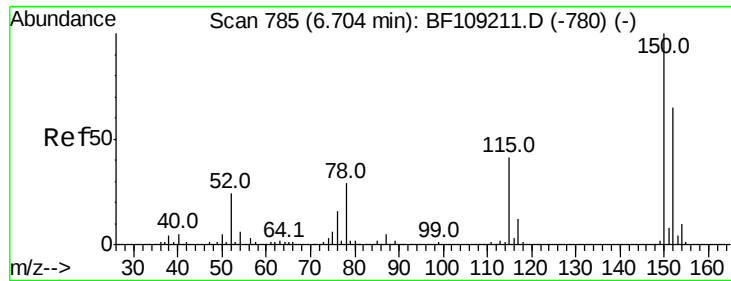
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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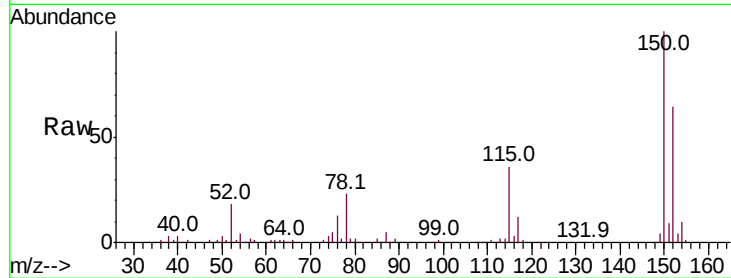


#1

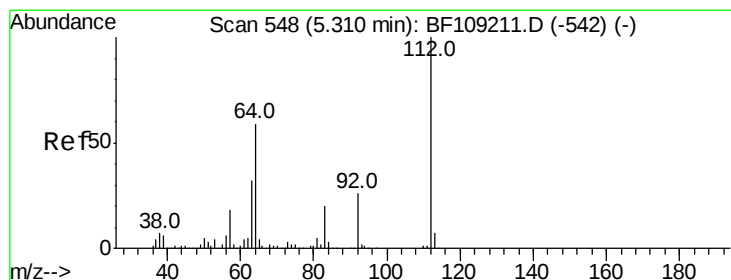
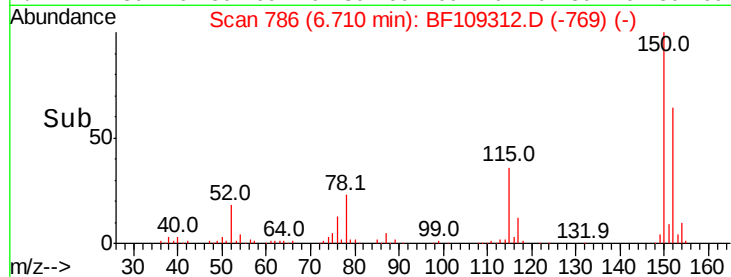
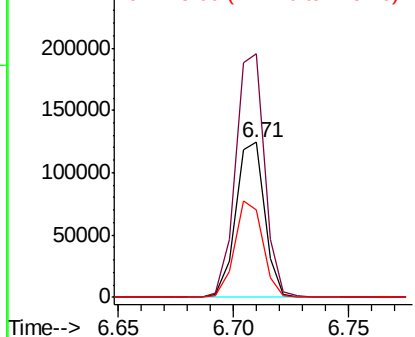
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-D-B

Tot Ion:152 Resp: 109026
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 56.4 50.1 75.1



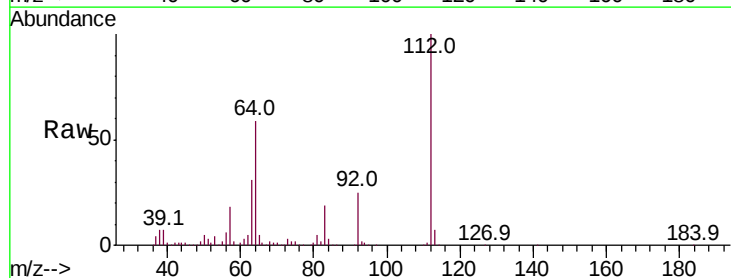
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



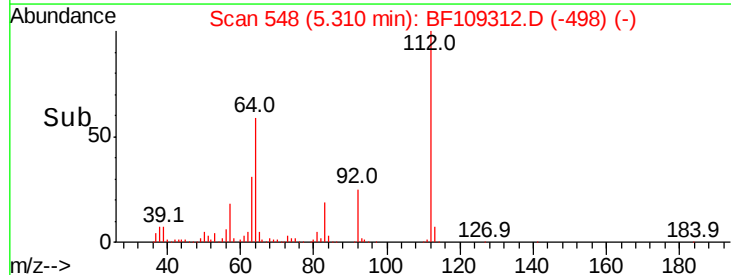
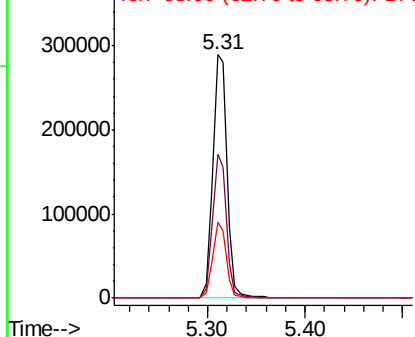
#5

2-Fluorophenol
Concen: 44.188 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Tgt Ion:112 Resp: 292497
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 31.3 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: 31.357 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109312.D

Acq: 26 Sep 2018 3:25

Instrument :

BNA_F

ClientSampleId :

092018-JETT-F-D-B

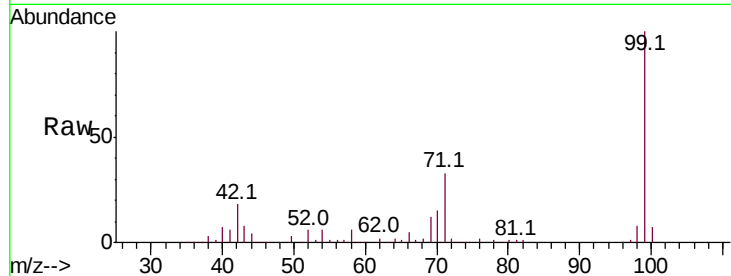
Tot Ion: 99 Resp: 264860

Ion Ratio Lower Upper

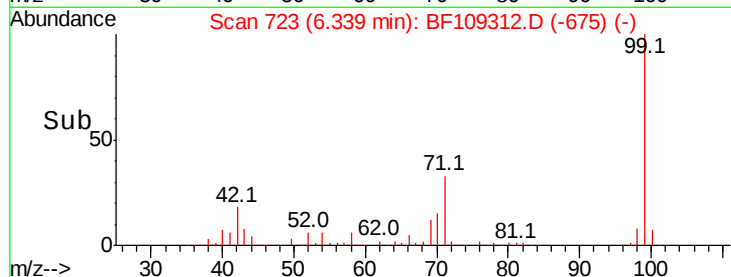
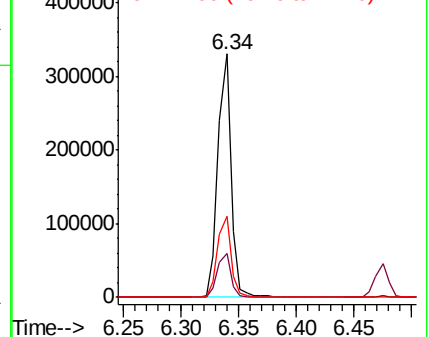
99 100

42 17.8 14.5 21.7

71 33.0 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# 1003

Delta R.T. -0.01 min

Lab File: BF109312.D

Acq: 26 Sep 2018 3:25

Tgt Ion: 136 Resp: 397311

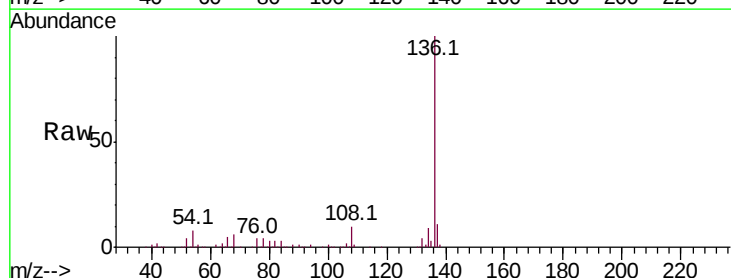
Ion Ratio Lower Upper

136 100

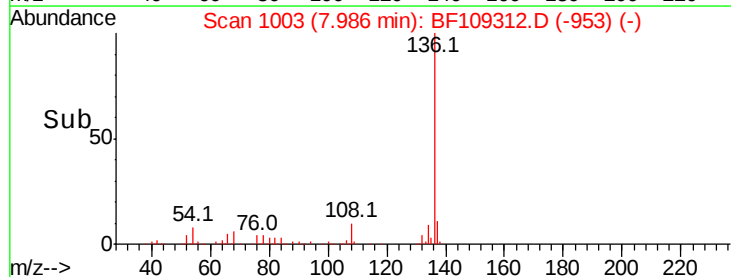
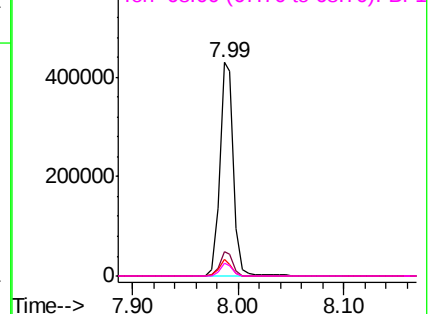
137 11.1 8.9 13.3

54 7.5 6.6 9.8

68 6.1 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

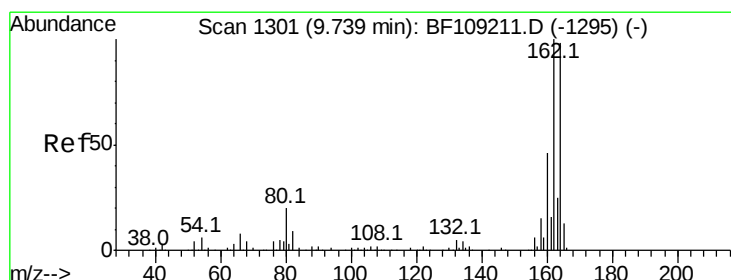
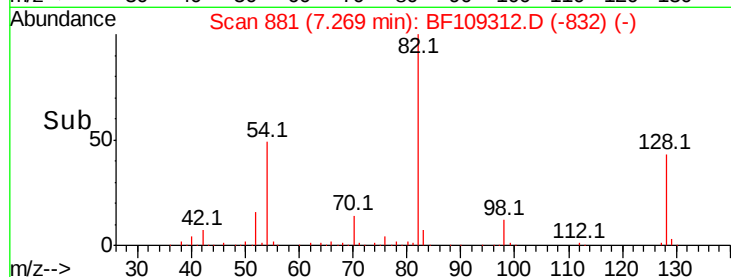
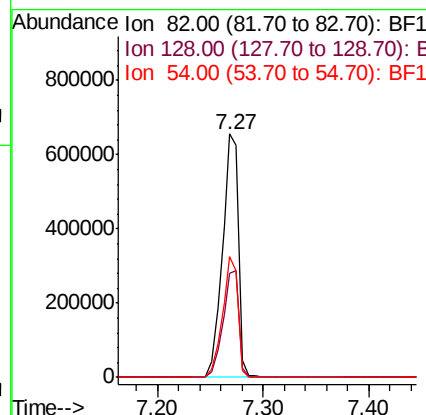
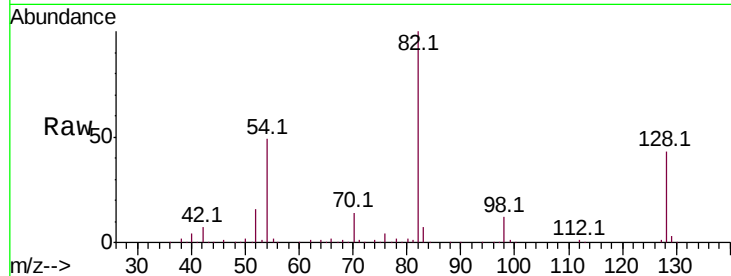




#23
 Nitrobenzene-d5
 Concen: 104.477 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109312.D
 Acq: 26 Sep 2018 3:25

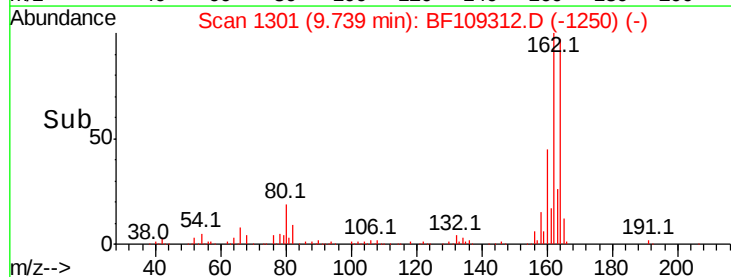
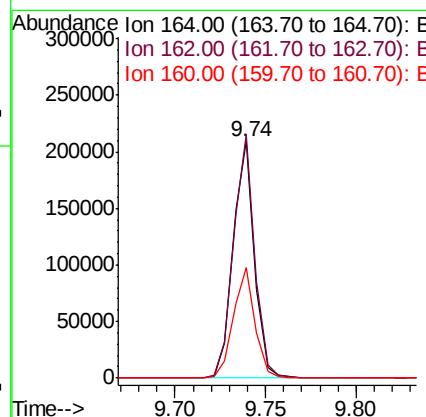
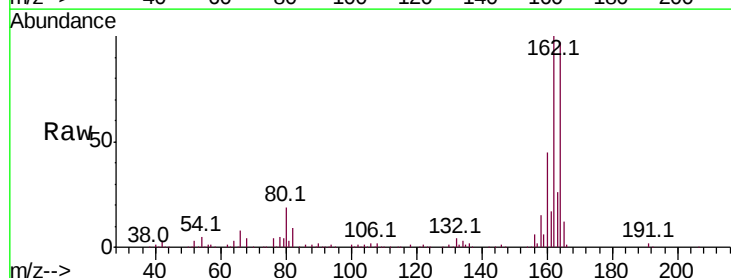
Instrument :
 BNA_F
 ClientSampleId :
 092018-JETT-F-D-B

Tot Ion: 82 Resp: 703184
 Ion Ratio Lower Upper
 82 100
 128 42.6 36.1 54.1
 54 49.4 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109312.D
 Acq: 26 Sep 2018 3:25

Tgt Ion:164 Resp: 170372
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 46.7 38.3 57.5

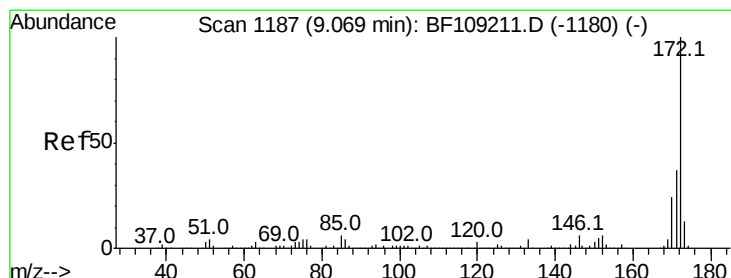
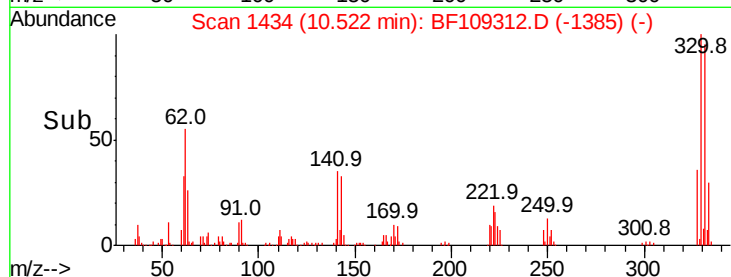
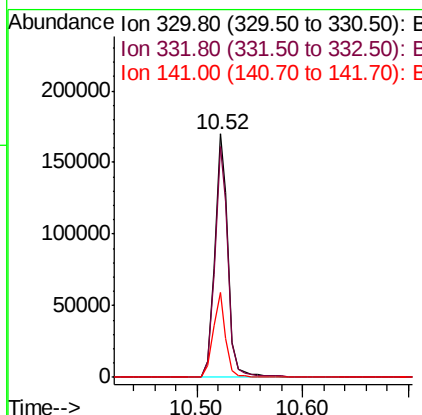
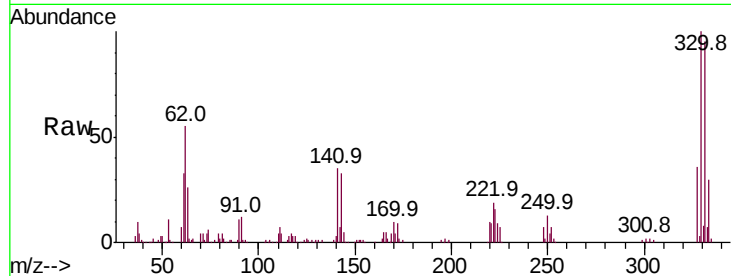




#41
 2,4,6-Tribromophenol
 Concen: 90.732 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109312.D
 Acq: 26 Sep 2018 3:25

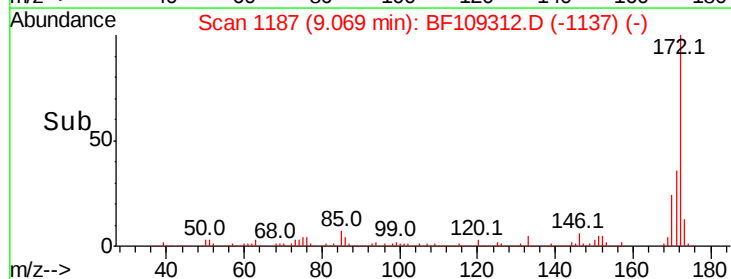
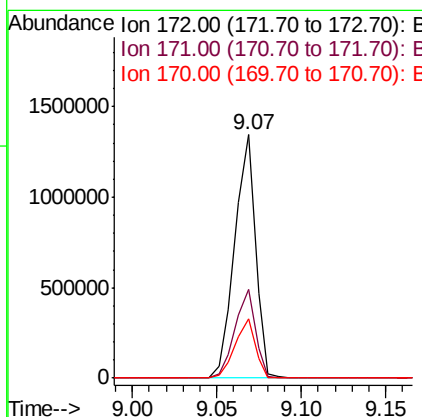
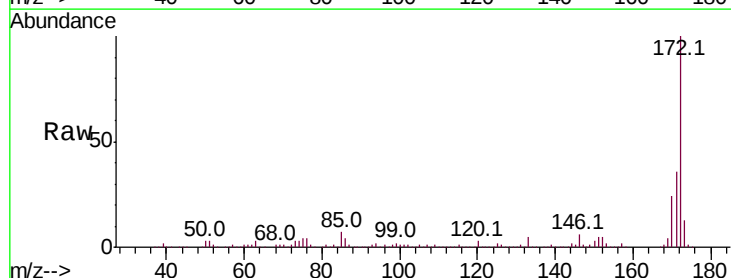
Instrument :
 BNA_F
 ClientSampleId :
 092018-JETT-F-D-B

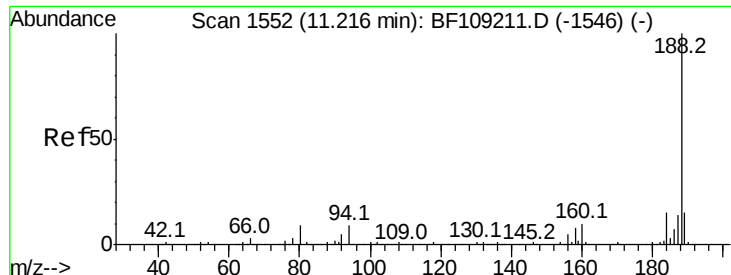
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	32.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 102.516 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109312.D
 Acq: 26 Sep 2018 3:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4

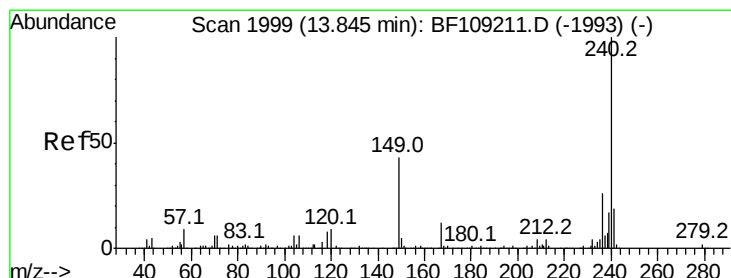
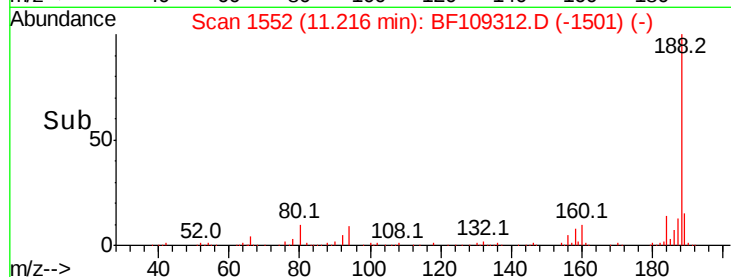
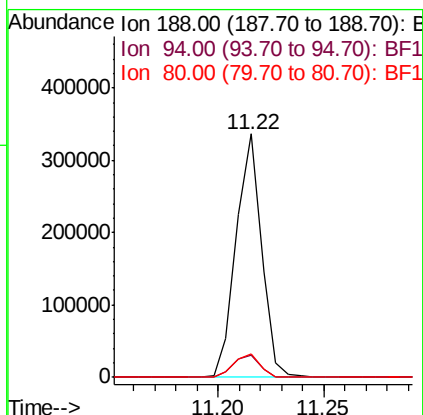
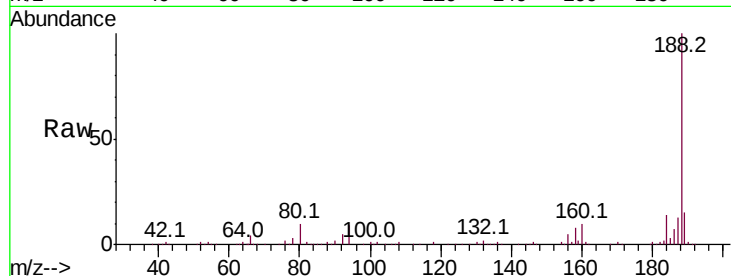




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

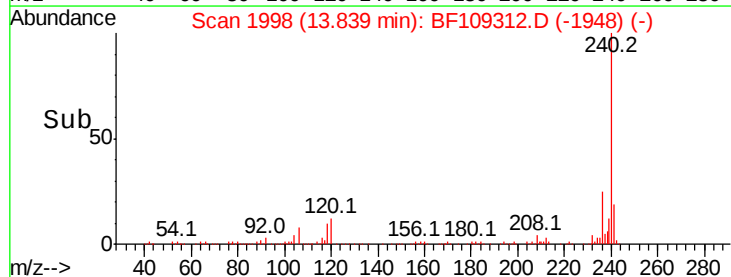
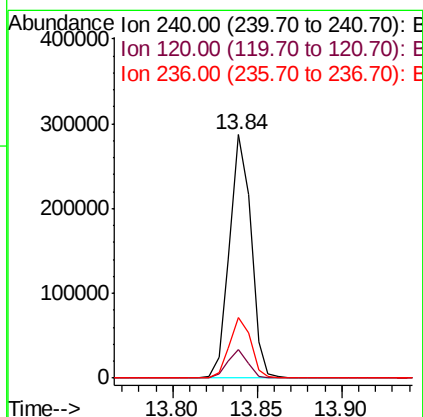
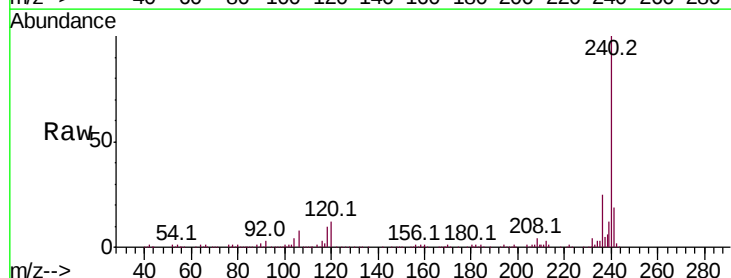
Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-D-B

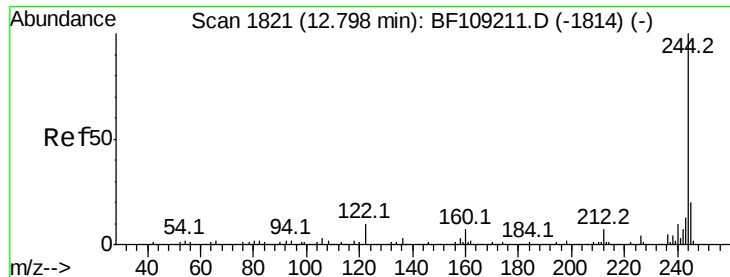
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.8	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	24.8	20.7	31.1





#78

Terphenyl-d14

Concen: 100.917 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109312.D

Acq: 26 Sep 2018 3:25

Instrument :

BNA_F

ClientSampleId :

092018-JETT-F-D-B

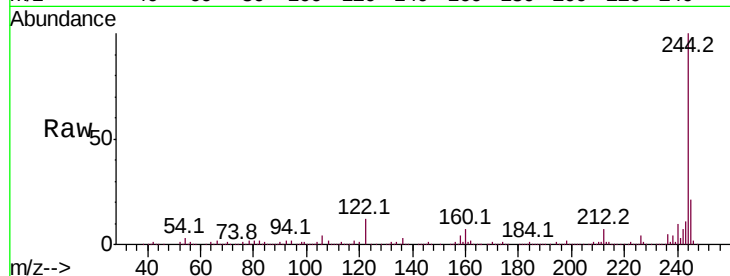
Tot Ion:244 Resp: 1044524

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

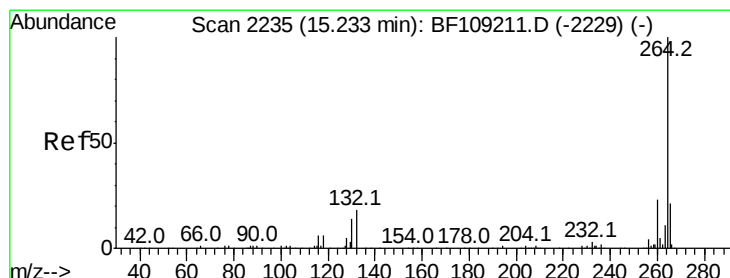
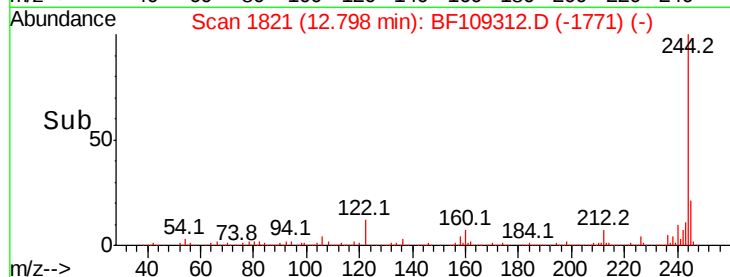
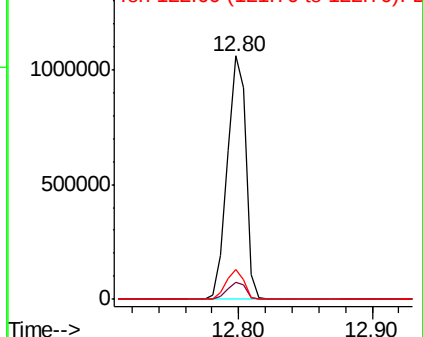
122 12.0 11.0 16.4



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: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF109312.D

Acq: 26 Sep 2018 3:25

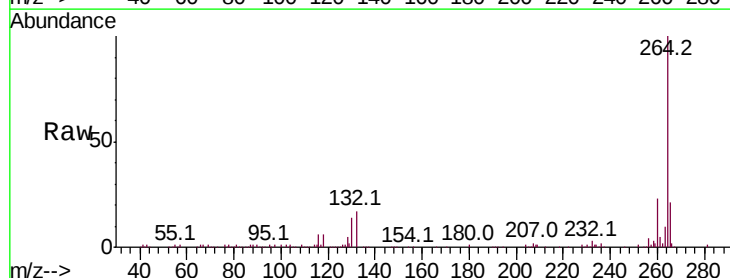
Tgt Ion:264 Resp: 179136

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.2 17.5 26.3



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

