

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109158.D
 Acq On : 19 Sep 2018 21:51
 Operator : JU/SJ
 Sample : J4931-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091418-JETT-E-D-S

Quant Time: Sep 20 05:37:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

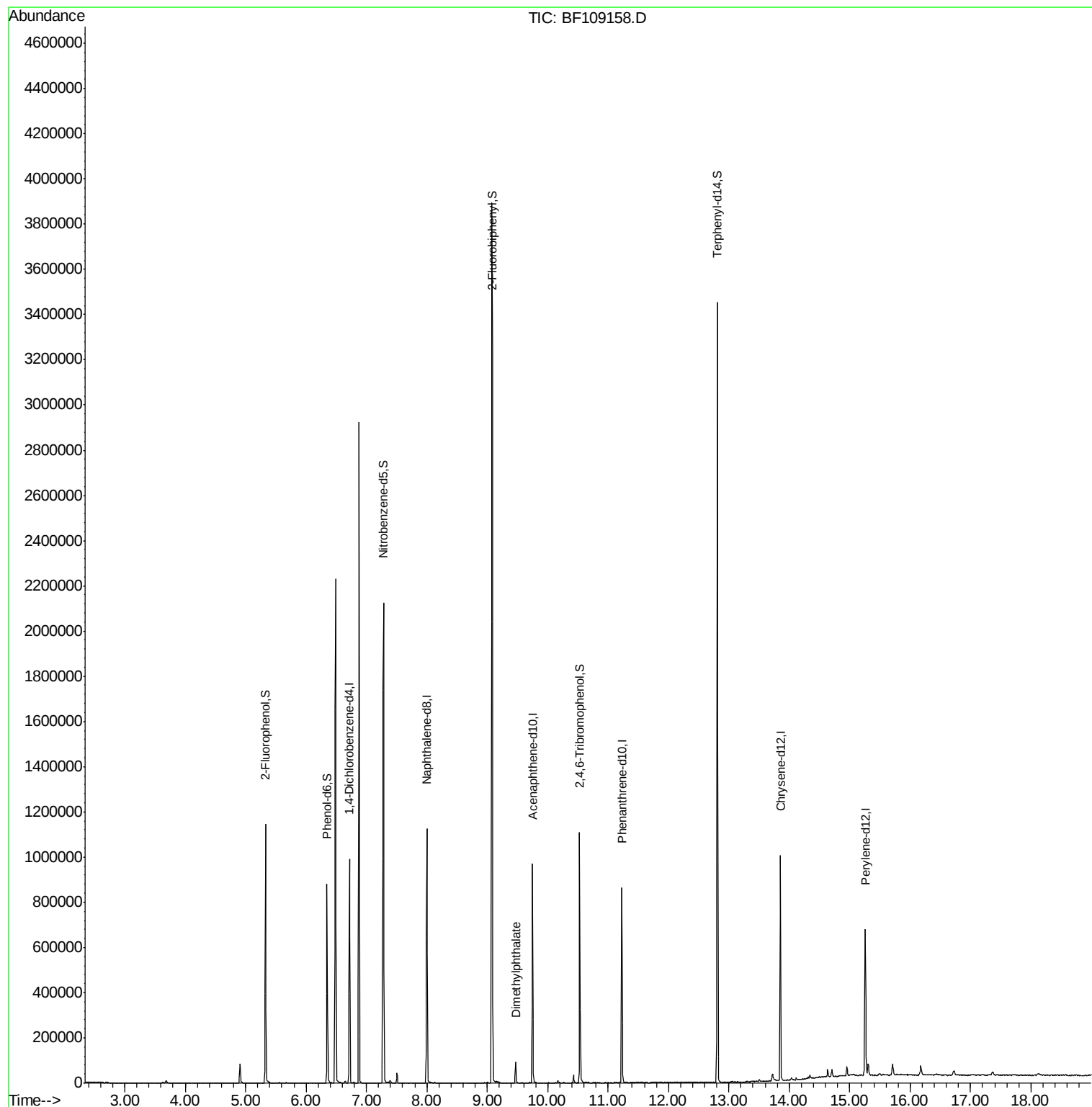
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	131867	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	466500	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	195828	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	338835	20.00	ng	0.00
75) Chrysene-d12	13.85	240	327353	20.00	ng	0.00
86) Perylene-d12	15.26	264	294599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	322422	40.61	ng	0.00
7) Phenol-d6	6.35	99	262001	25.59	ng	-0.01
23) Nitrobenzene-d5	7.28	82	731106	87.90	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	148910	70.07	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1267541	101.41	ng	0.00
78) Terphenyl-d14	12.81	244	1144145	82.84	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	41703	2.980	ng	99

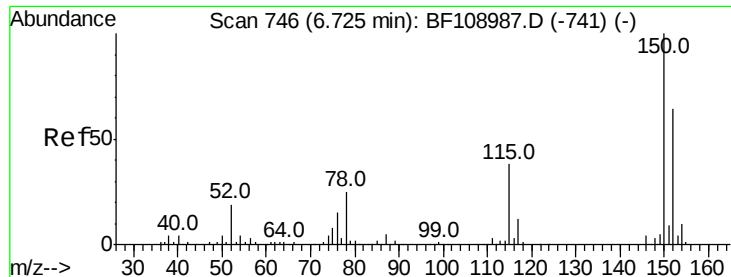
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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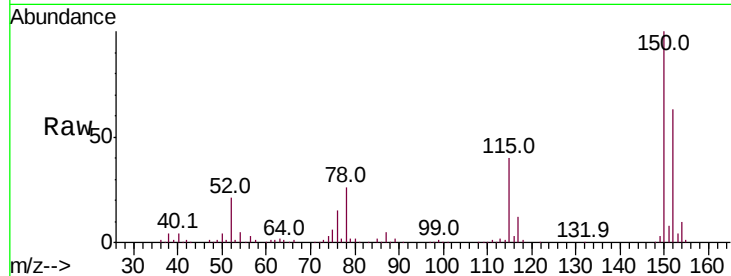


#1

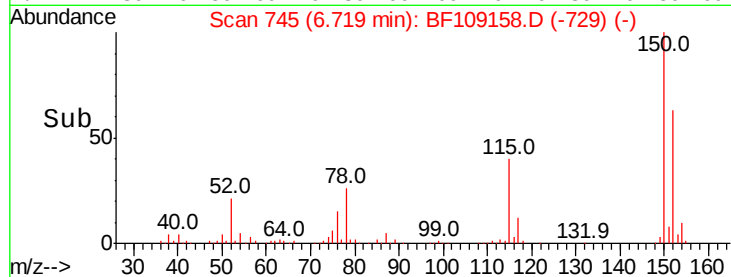
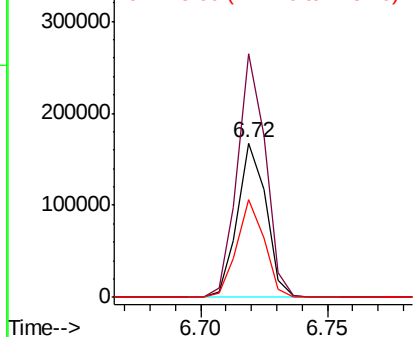
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109158.D
Acq: 19 Sep 2018 21:51

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	63.0	50.1	75.1



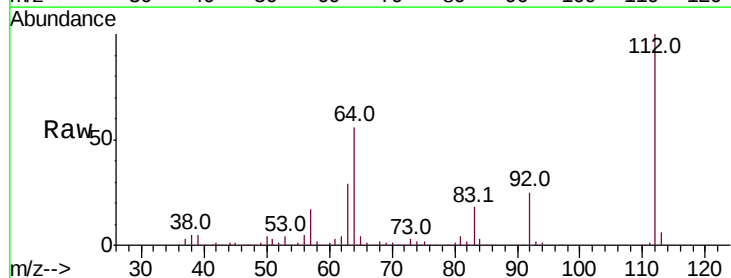
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



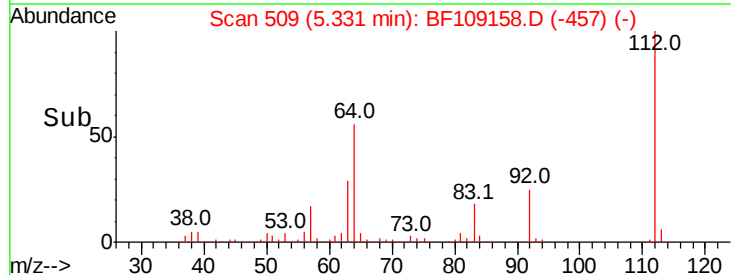
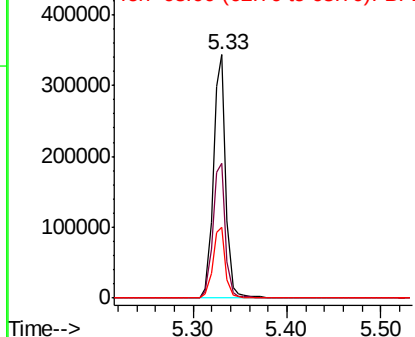
#5

2-Fluorophenol
Concen: 40.610 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109158.D
Acq: 19 Sep 2018 21:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	29.0	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: 25.592 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109158.D

Acq: 19 Sep 2018 21:51

Instrument :

BNA_F

ClientSampleId :

091418-JETT-E-D-S

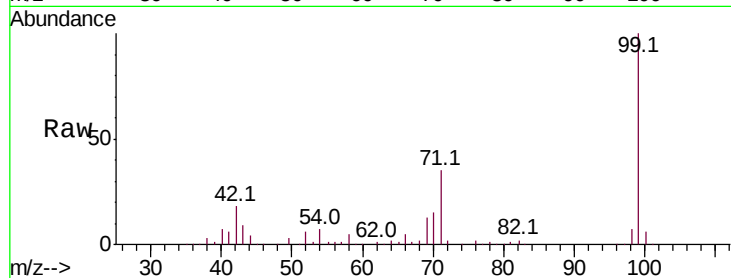
Tot Ion: 99 Resp: 262001

Ion Ratio Lower Upper

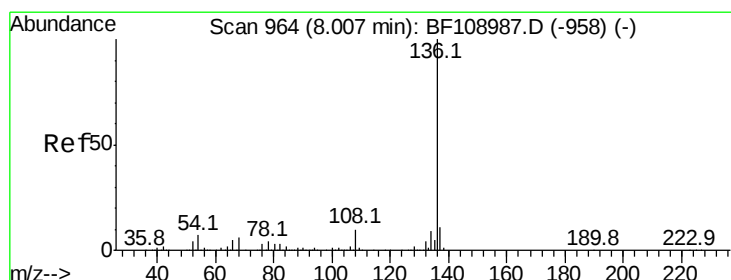
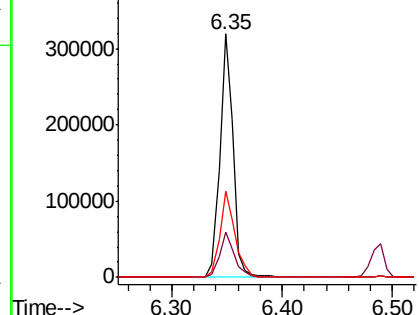
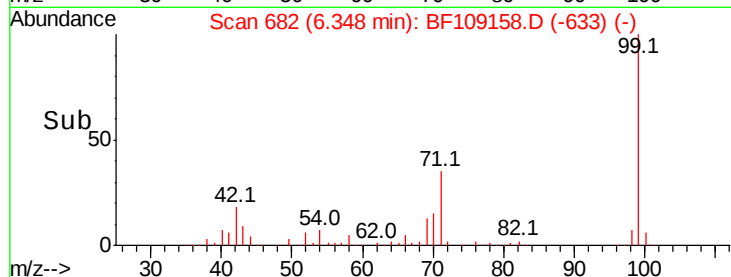
99 100

42 18.4 14.5 21.7

71 35.2 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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109158.D

Acq: 19 Sep 2018 21:51

Tgt Ion: 136 Resp: 466500

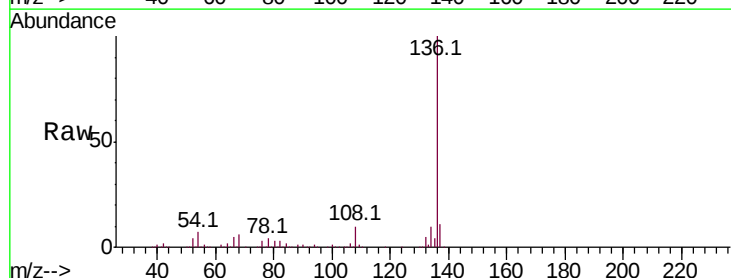
Ion Ratio Lower Upper

136 100

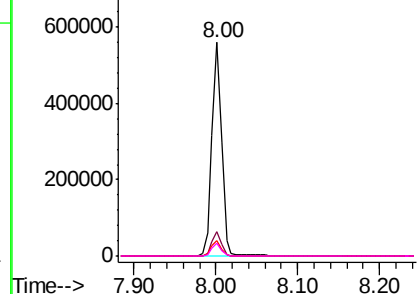
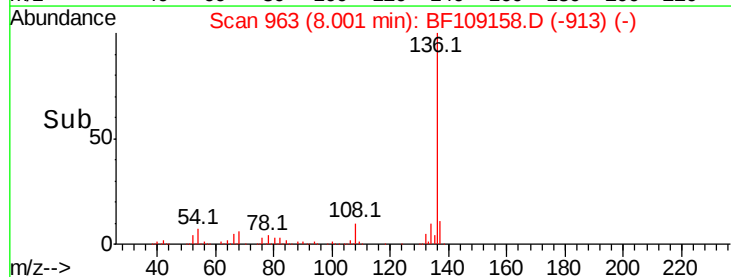
137 11.4 8.9 13.3

54 7.0 6.6 9.8

68 6.0 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

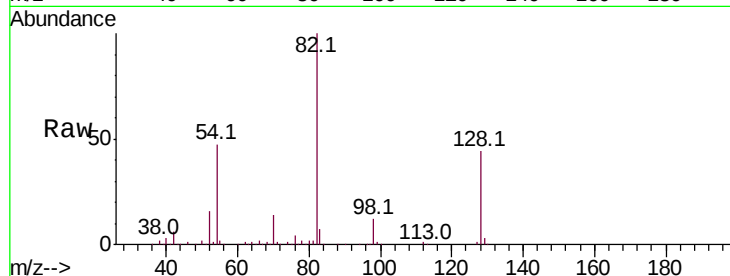




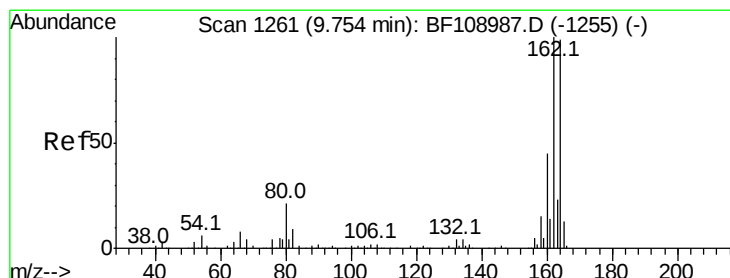
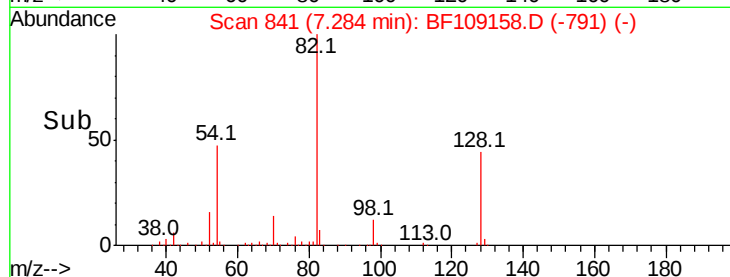
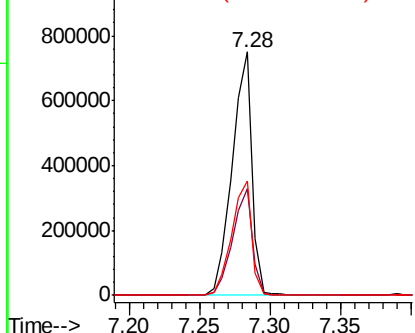
#23
Nitrobenzene-d5
Concen: 87.902 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109158.D
Acq: 19 Sep 2018 21:51

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-D-S

Tot Ion: 82 Resp: 731106
Ion Ratio Lower Upper
82 100
128 43.7 36.1 54.1
54 46.8 41.4 62.2

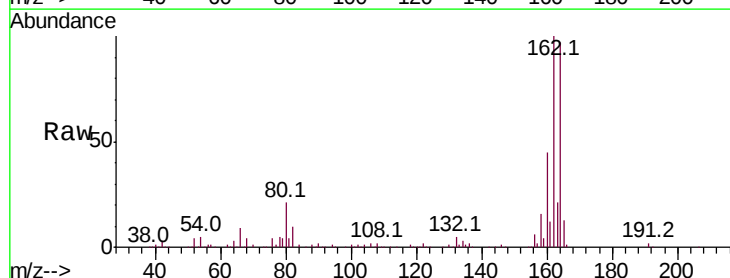


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

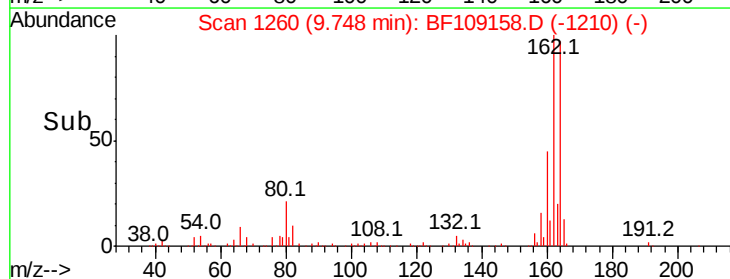
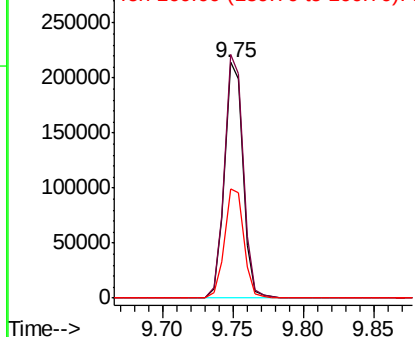


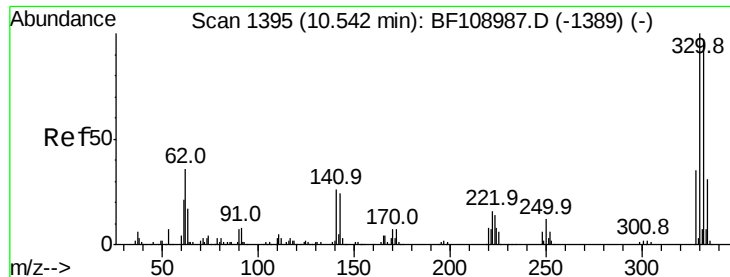
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109158.D
Acq: 19 Sep 2018 21:51

Tgt Ion: 164 Resp: 195828
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 46.2 38.3 57.5



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

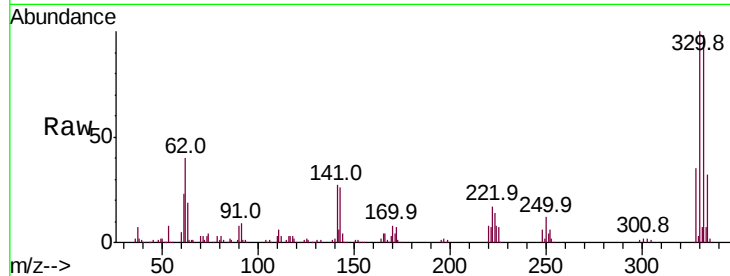




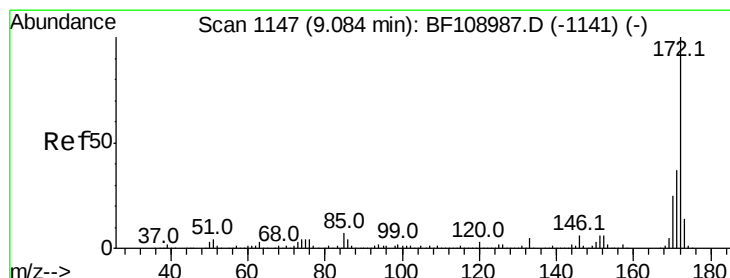
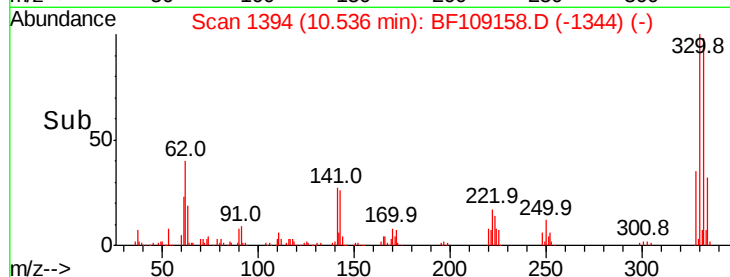
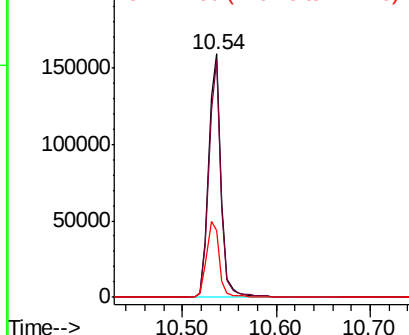
#41
 2,4,6-Tribromophenol
 Concen: 70.067 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109158.D
 Acq: 19 Sep 2018 21:51

Instrument :
 BNA_F
 ClientSampleId :
 091418-JETT-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.0	29.9	44.9

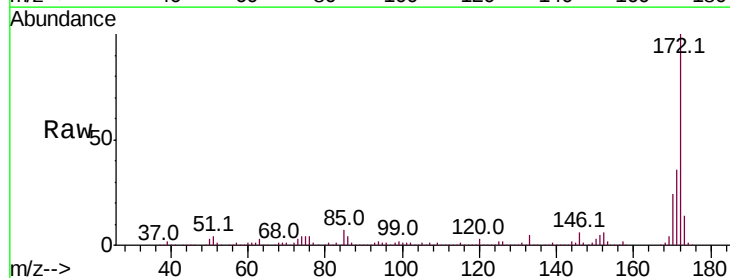


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

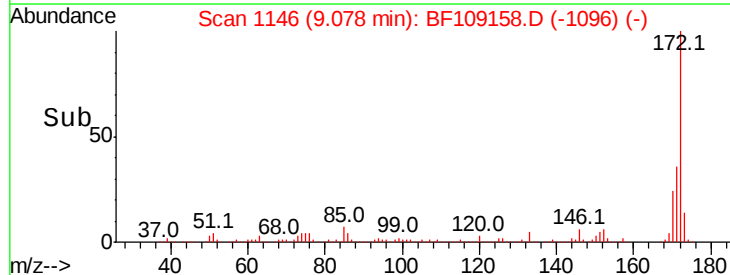
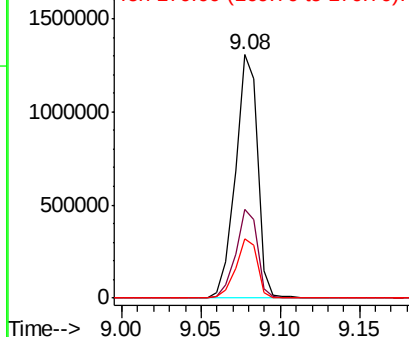


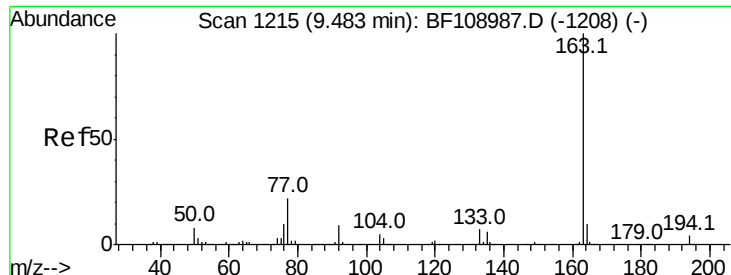
#44
 2-Fluorobiphenyl
 Concen: 101.410 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109158.D
 Acq: 19 Sep 2018 21:51

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

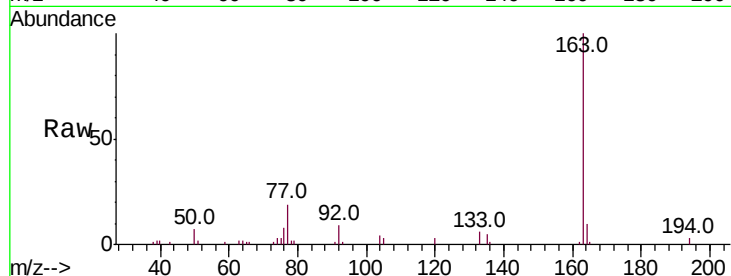




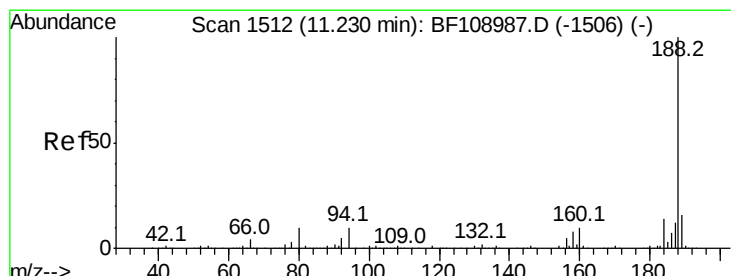
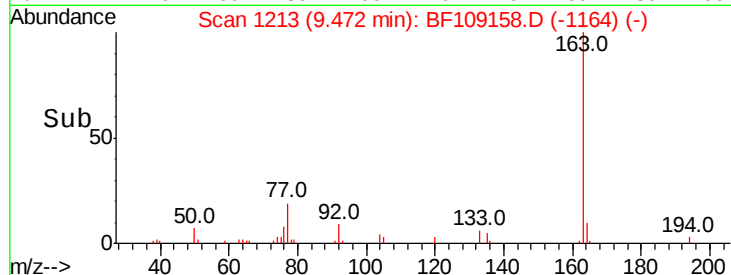
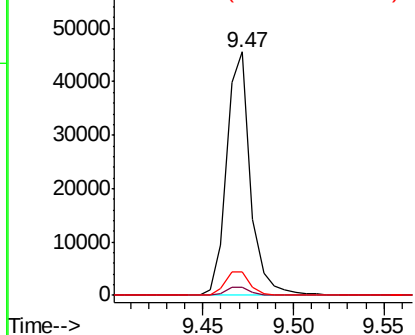
#49
Dimethylphthalate
Concen: 2.980 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109158.D
Acq: 19 Sep 2018 21:51

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-D-S

Tot Ion:163 Resp: 41703
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.5 8.2 12.2

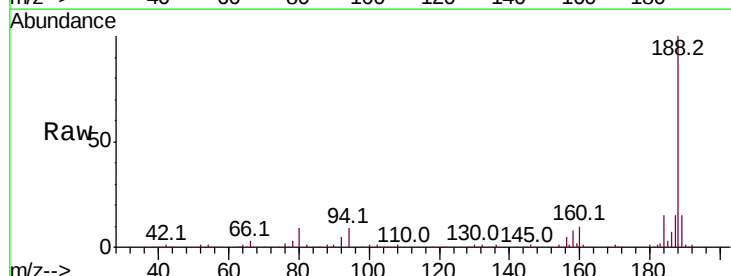


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

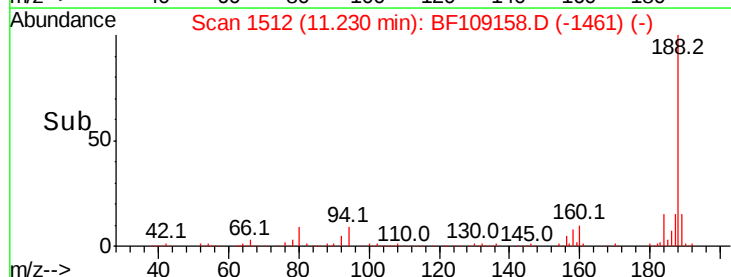
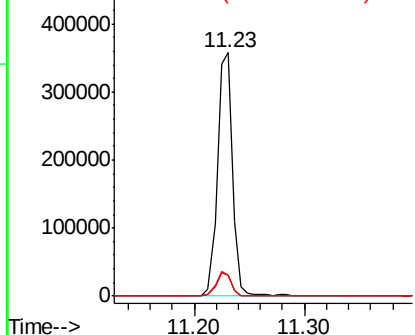


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109158.D
Acq: 19 Sep 2018 21:51

Tgt Ion:188 Resp: 338835
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 8.7 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109158.D

Acq: 19 Sep 2018 21:51

Instrument :

BNA_F

ClientSampleId :

091418-JETT-E-D-S

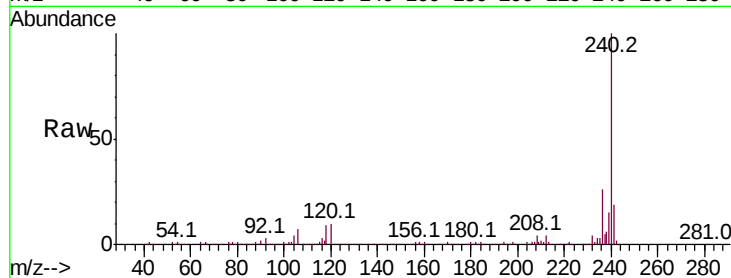
Tot Ion:240 Resp: 327353

Ion Ratio Lower Upper

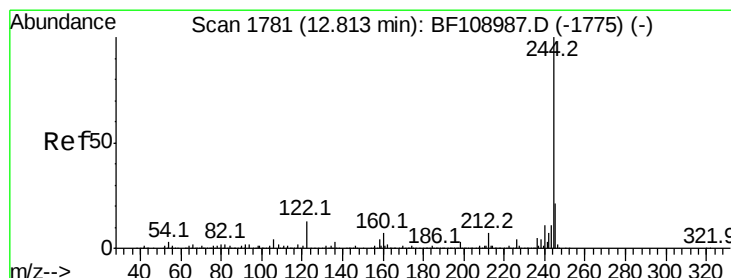
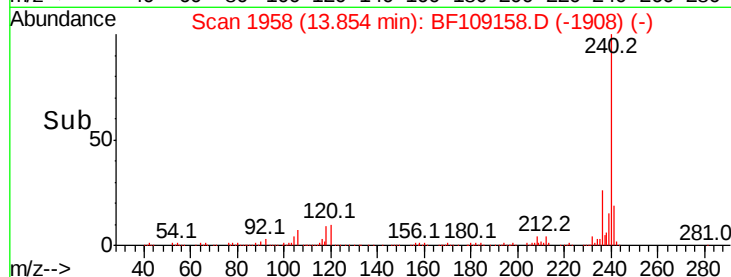
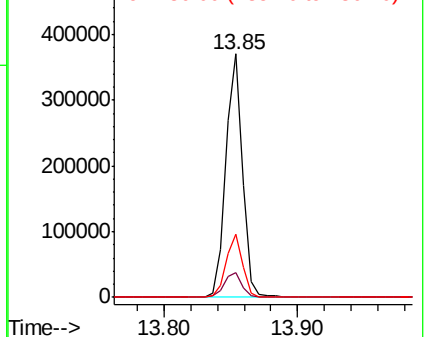
240 100

120 10.3 9.5 14.3

236 25.9 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: 82.844 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109158.D

Acq: 19 Sep 2018 21:51

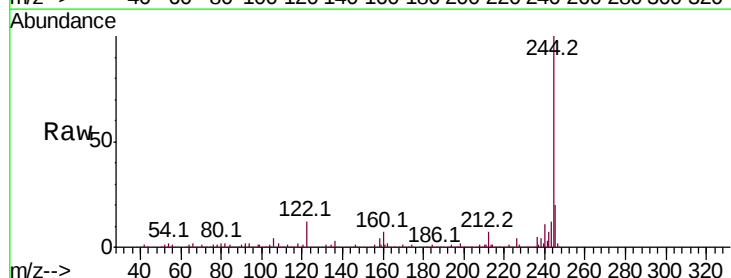
Tgt Ion:244 Resp: 1144145

Ion Ratio Lower Upper

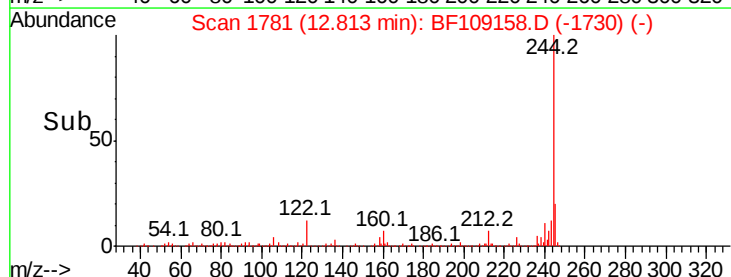
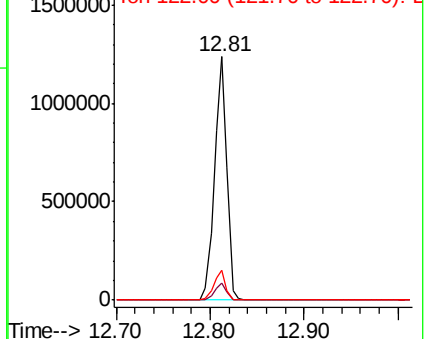
244 100

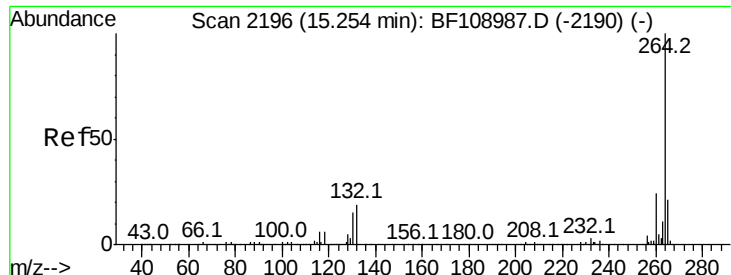
212 7.2 5.4 8.0

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

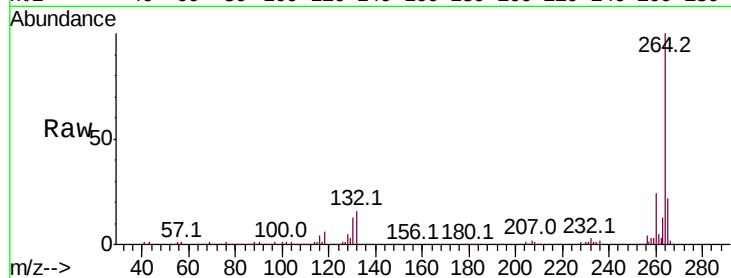




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109158.D
 Acq: 19 Sep 2018 21:51

Instrument :
 BNA_F
 ClientSampleId :
 091418-JETT-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	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

