

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109247.D
 Acq On : 23 Sep 2018 3:45
 Operator : JU/SJ
 Sample : J5017-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-N-FL-056

Quant Time: Sep 24 08:22:35 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

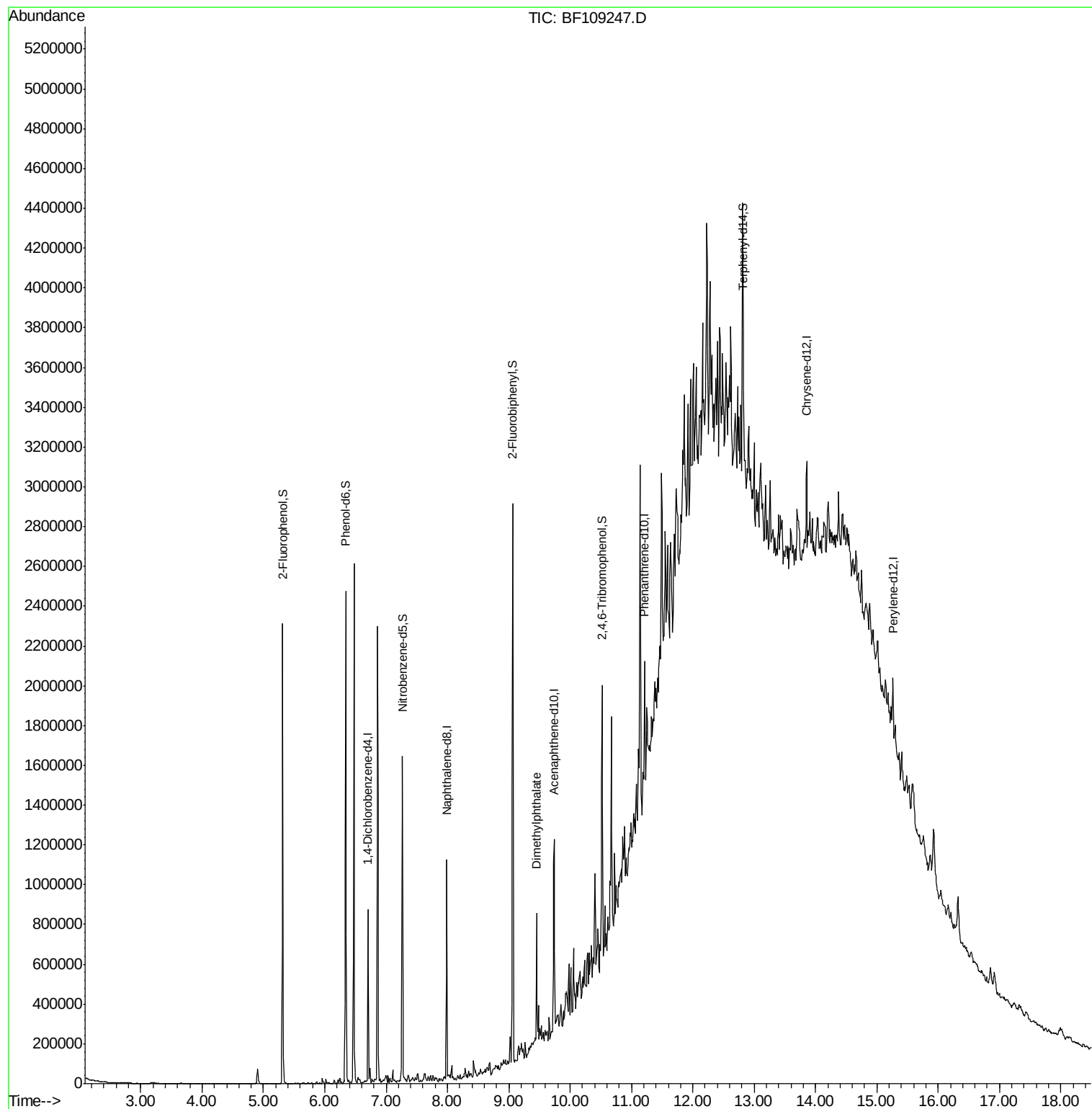
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	115531	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	421701	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	175817	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	238834	20.00	ng	0.00
75) Chrysene-d12	13.86	240	176682	20.00	ng	0.01
86) Perylene-d12	15.26	264	153981	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	654977	93.38	ng	0.00
7) Phenol-d6	6.35	99	834043	93.18	ng	-0.01
23) Nitrobenzene-d5	7.27	82	517107	72.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	143581	82.84	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	893407	76.64	ng	-0.01
78) Terphenyl-d14	12.82	244	490966	68.20	ng	0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	208382	16.295	ng	# 99

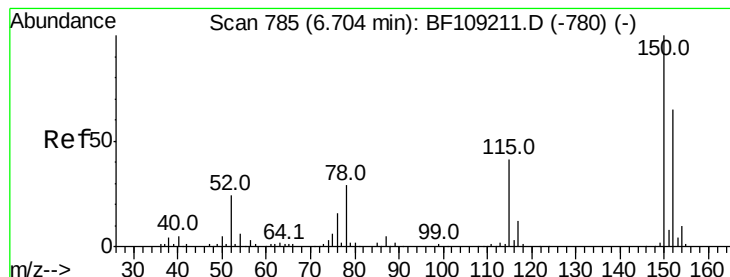
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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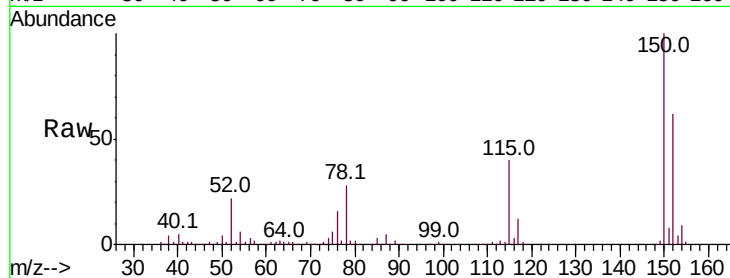


#1

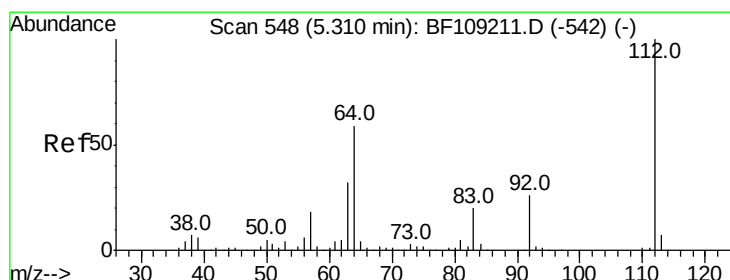
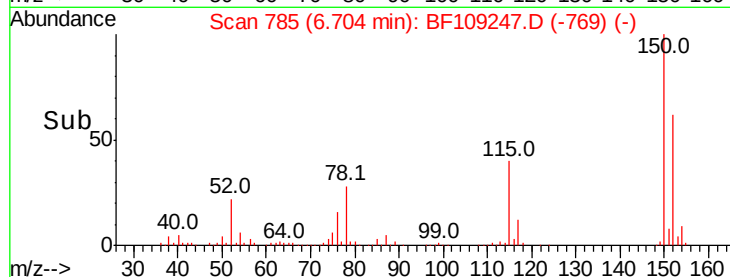
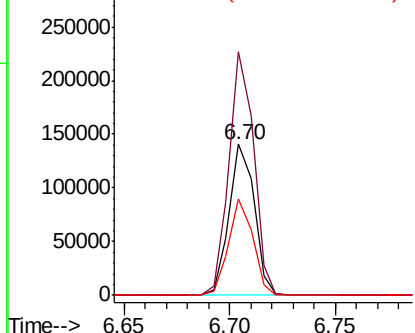
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109247.D
 Acq: 23 Sep 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-N-FL-056

Tot Ion:152 Resp: 115531
 Ion Ratio Lower Upper
 152 100
 150 161.1 124.6 186.8
 115 63.7 50.1 75.1



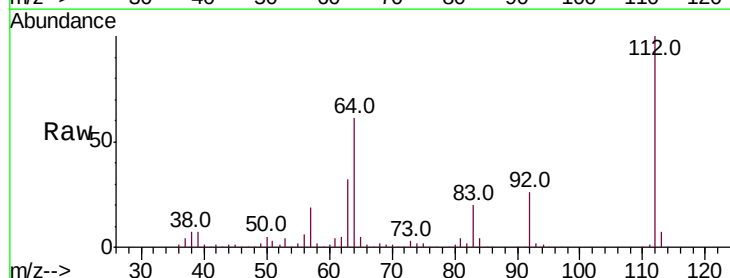
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



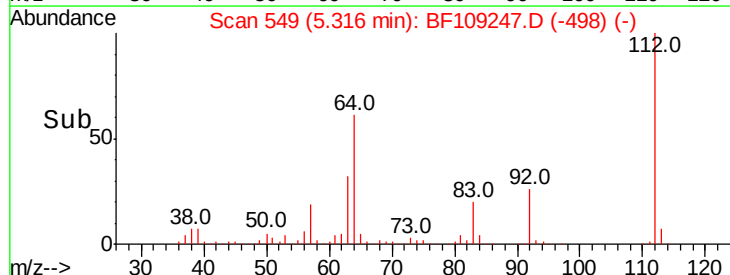
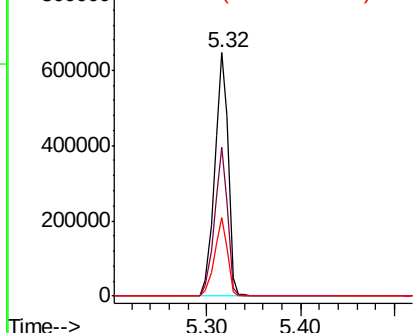
#5

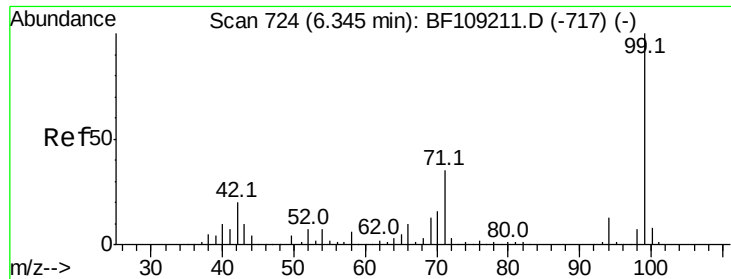
2-Fluorophenol
 Concen: 93.377 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109247.D
 Acq: 23 Sep 2018 3:45

Tgt Ion:112 Resp: 654977
 Ion Ratio Lower Upper
 112 100
 64 61.0 47.9 71.9
 63 32.2 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: 93.184 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109247.D

Acq: 23 Sep 2018 3:45

Instrument :

BNA_F

ClientSampleId :

RA-091918-N-FL-056

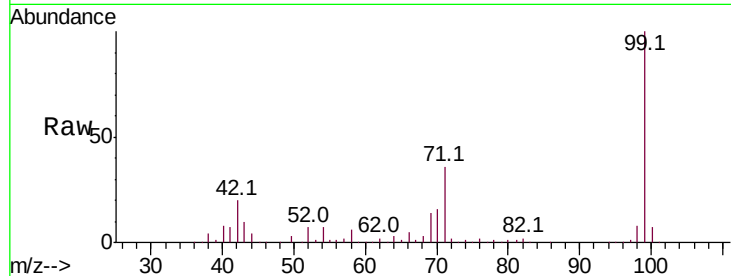
Tot Ion: 99 Resp: 834043

Ion Ratio Lower Upper

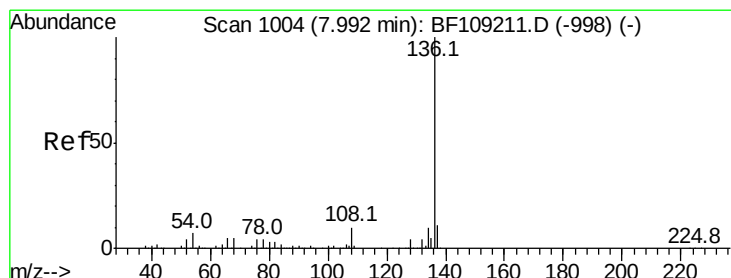
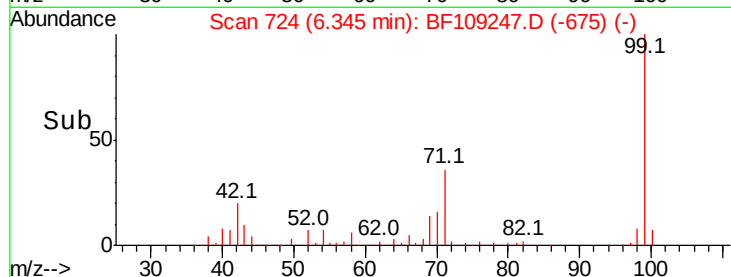
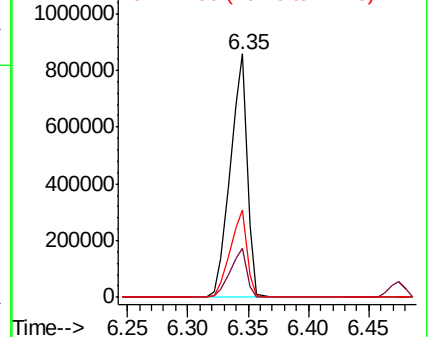
99 100

42 20.0 14.5 21.7

71 35.8 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: BF109247.D

Acq: 23 Sep 2018 3:45

Tgt Ion: 136 Resp: 421701

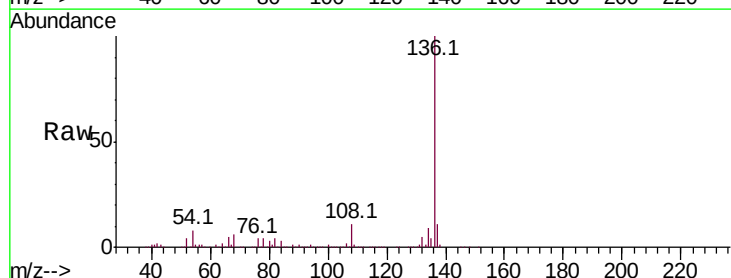
Ion Ratio Lower Upper

136 100

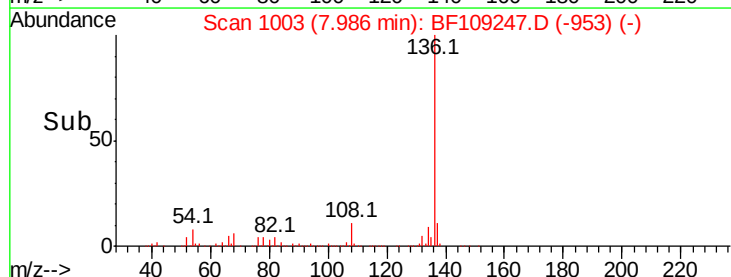
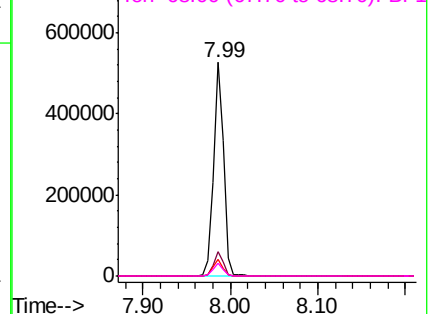
137 11.4 8.9 13.3

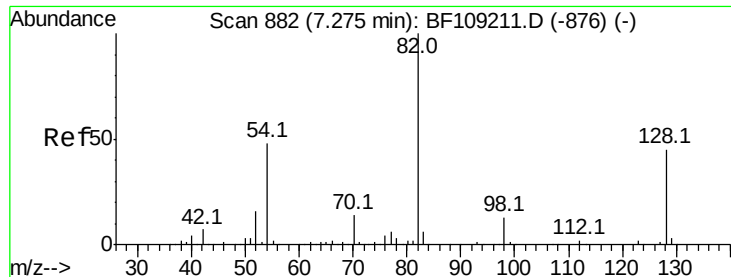
54 7.8 6.6 9.8

68 5.9 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

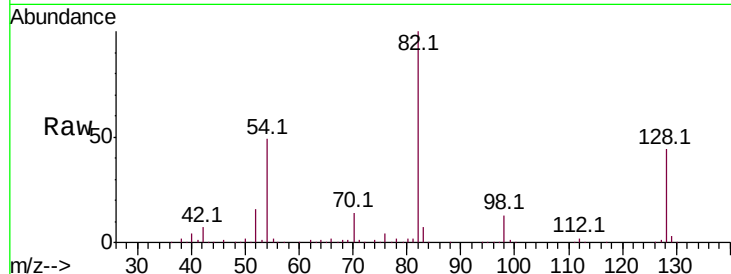




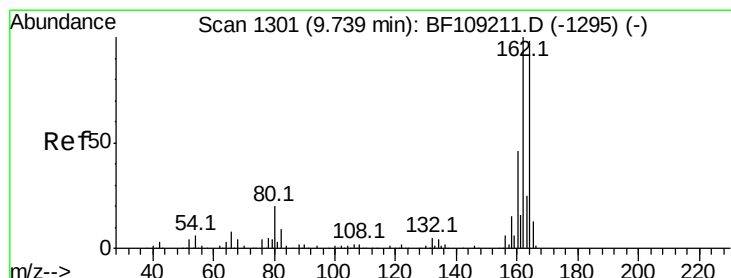
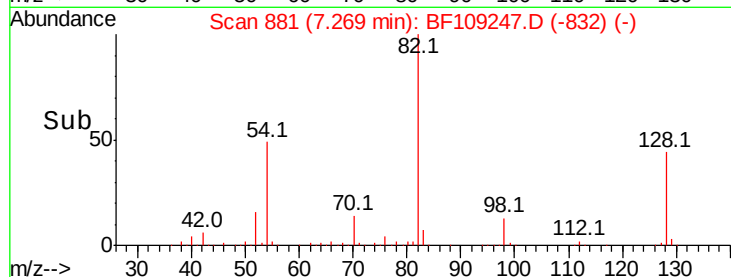
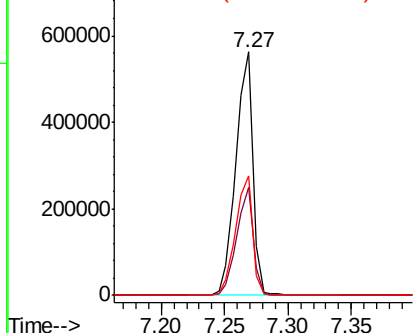
#23
 Nitrobenzene-d5
 Concen: 72.387 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109247.D
 Acq: 23 Sep 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-N-FL-056

Tot Ion	82	Resp	517107
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	48.9	41.4	62.2

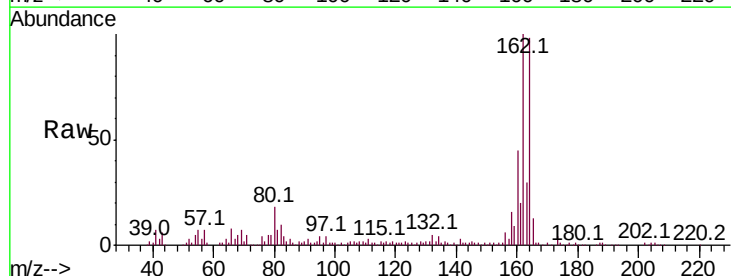


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

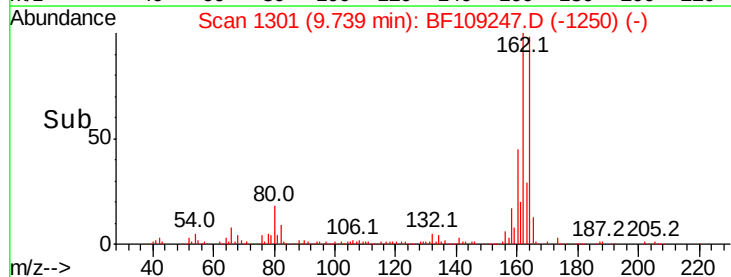
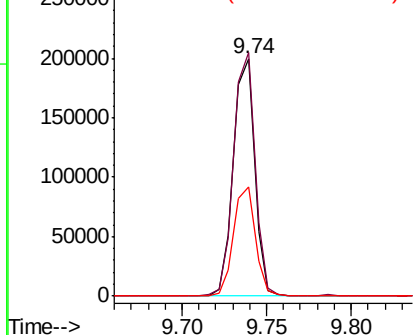


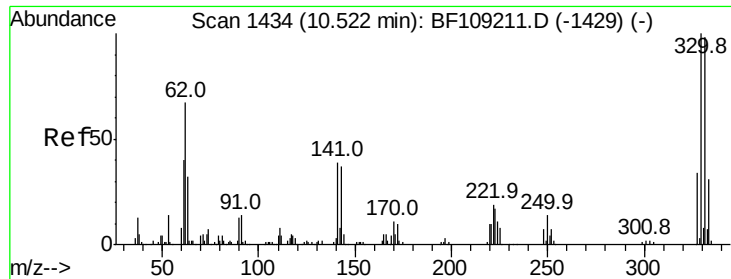
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109247.D
 Acq: 23 Sep 2018 3:45

Tgt Ion	164	Resp	175817
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>86.1</td> <td></td> <td></td>	86.1		
Upper <td>129.1</td> <td></td> <td></td>	129.1		
162	102.6	38.3	57.5
160	46.2		



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

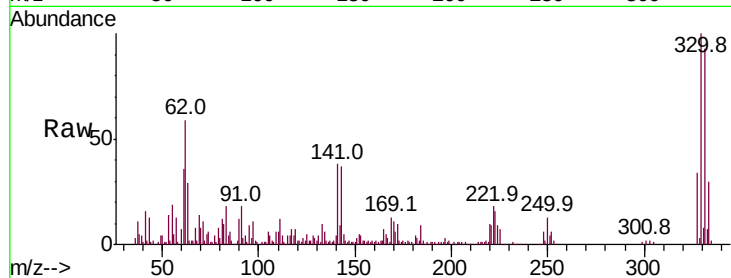




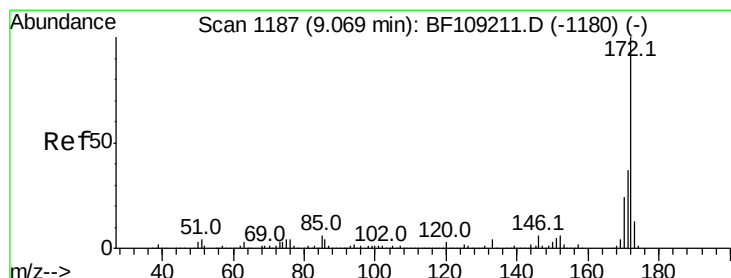
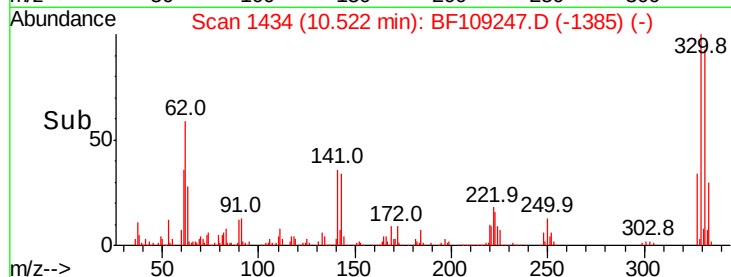
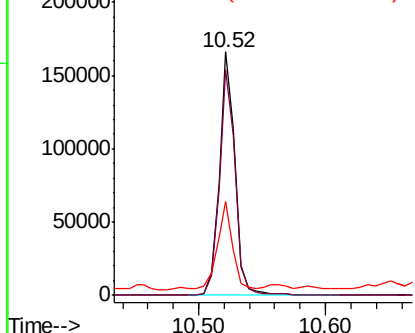
#41
 2,4,6-Tribromophenol
 Concen: 82.842 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109247.D
 Acq: 23 Sep 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-N-FL-056

Tot Ion:330 Resp: 143581
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 37.3 29.9 44.9

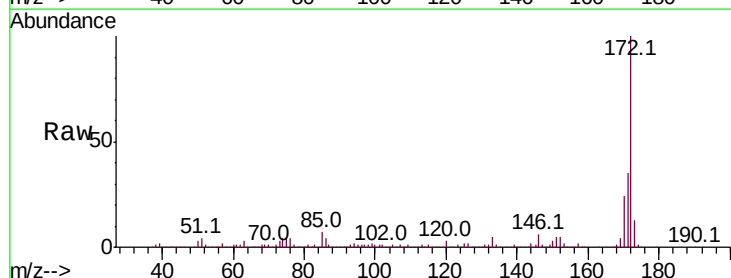


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

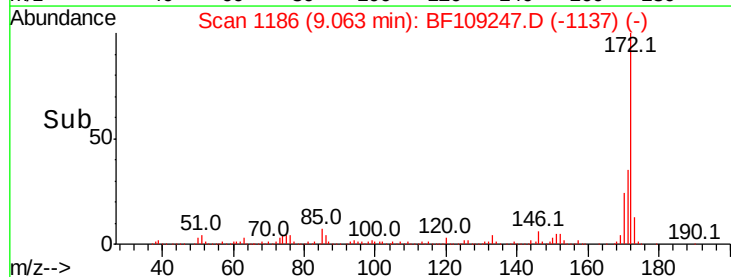
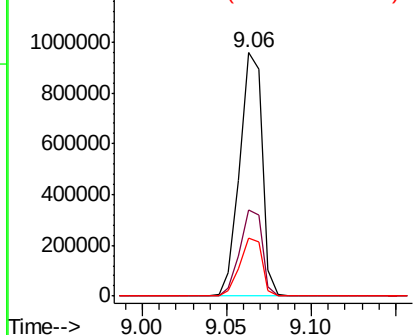


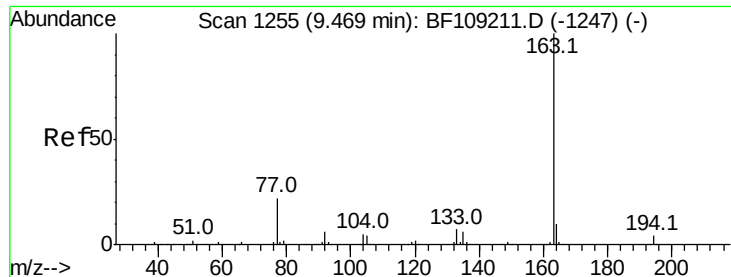
#44
 2-Fluorobiphenyl
 Concen: 76.638 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109247.D
 Acq: 23 Sep 2018 3:45

Tgt Ion:172 Resp: 893407
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 24.1 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

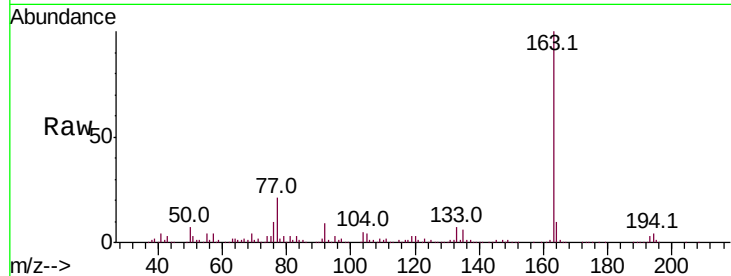




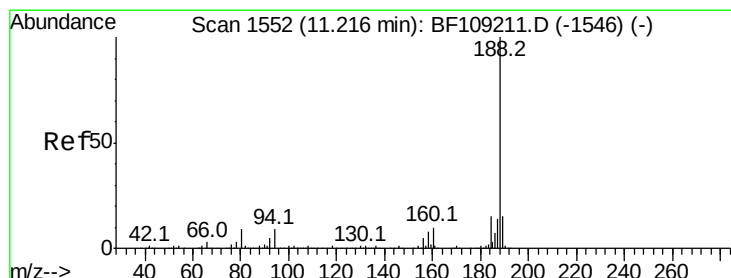
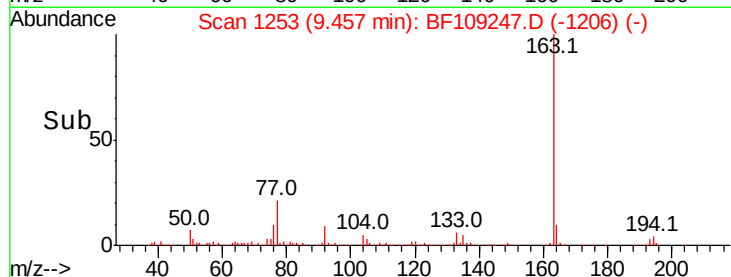
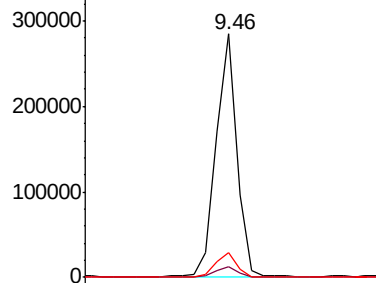
#49
Dimethylphthalate
Concen: 16.295 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Instrument :
BNA_F
ClientSampleId :
RA-091918-N-FL-056

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	10.1	8.2	12.2

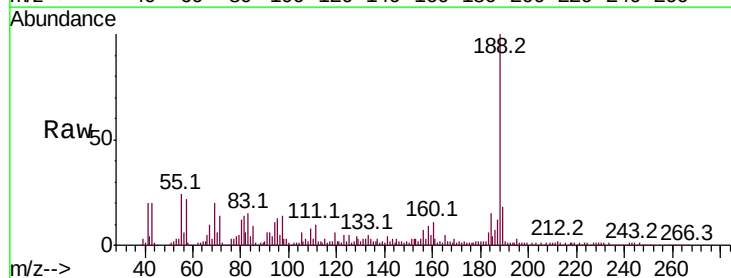


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

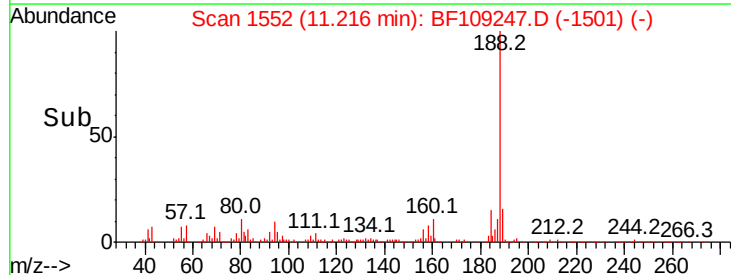
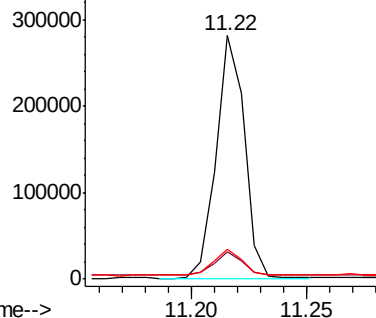


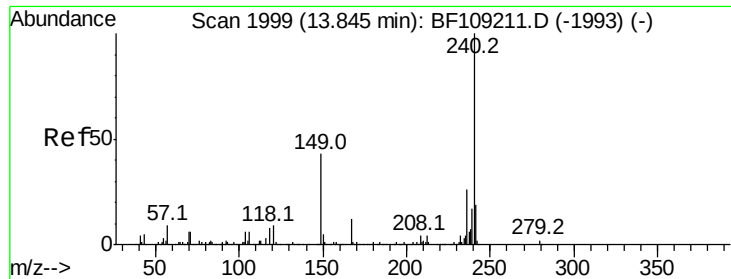
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.2	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: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF109247.D

Acq: 23 Sep 2018 3:45

Instrument :

BNA_F

ClientSampleId :

RA-091918-N-FL-056

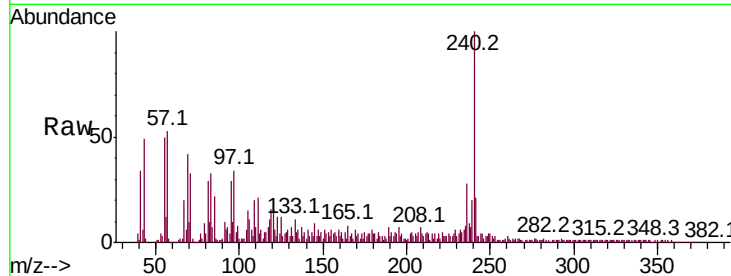
Tot Ion:240 Resp: 176682

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

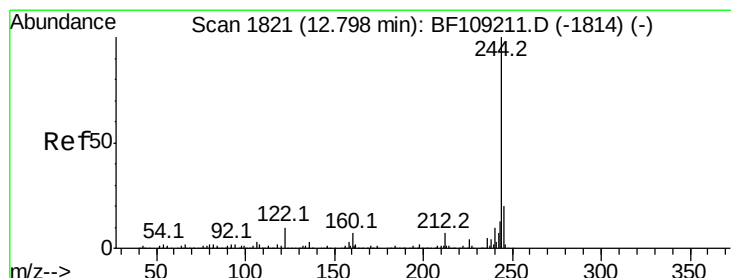
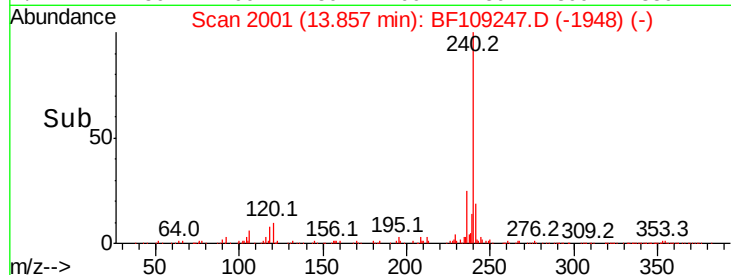
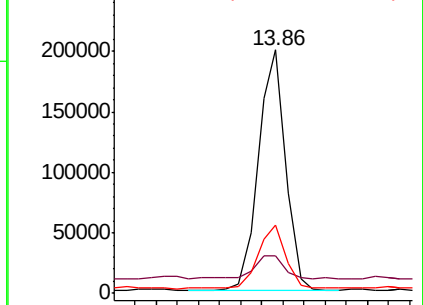
236 27.8 20.7 31.1



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: 68.197 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BF109247.D

Acq: 23 Sep 2018 3:45

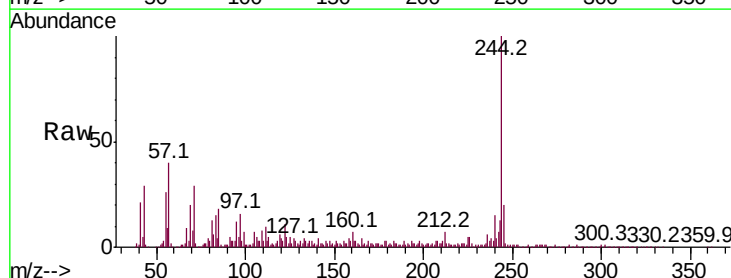
Tgt Ion:244 Resp: 490966

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

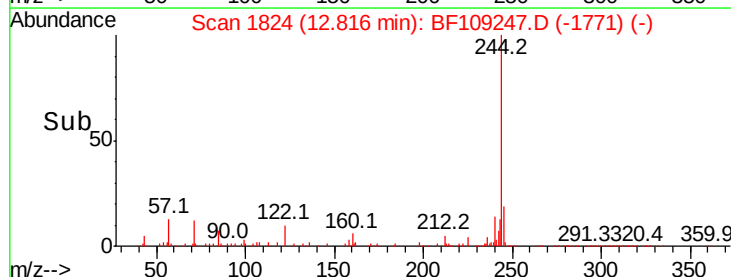
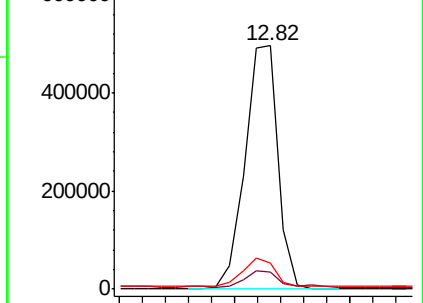
122 10.6 11.0 16.4#

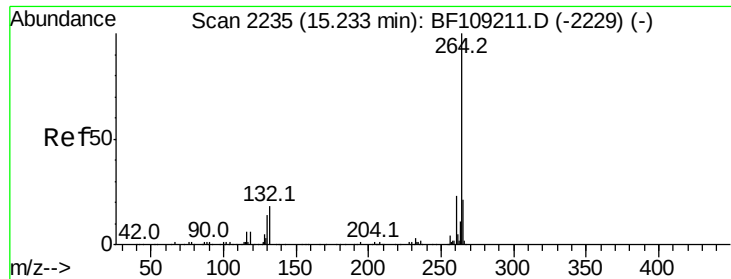


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

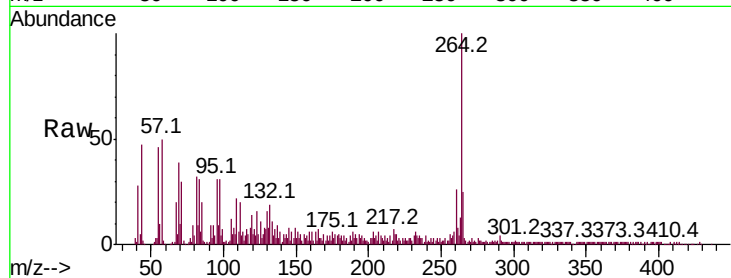




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.02 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Instrument :
BNA_F
ClientSampleId :
RA-091918-N-FL-056

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.2	28.8
265	24.6	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

