

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
 Data File : BF109558.D
 Acq On : 3 Oct 2018 20:29
 Operator : JU/SJ
 Sample : J5218-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-356

Quant Time: Oct 04 03:16:58 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

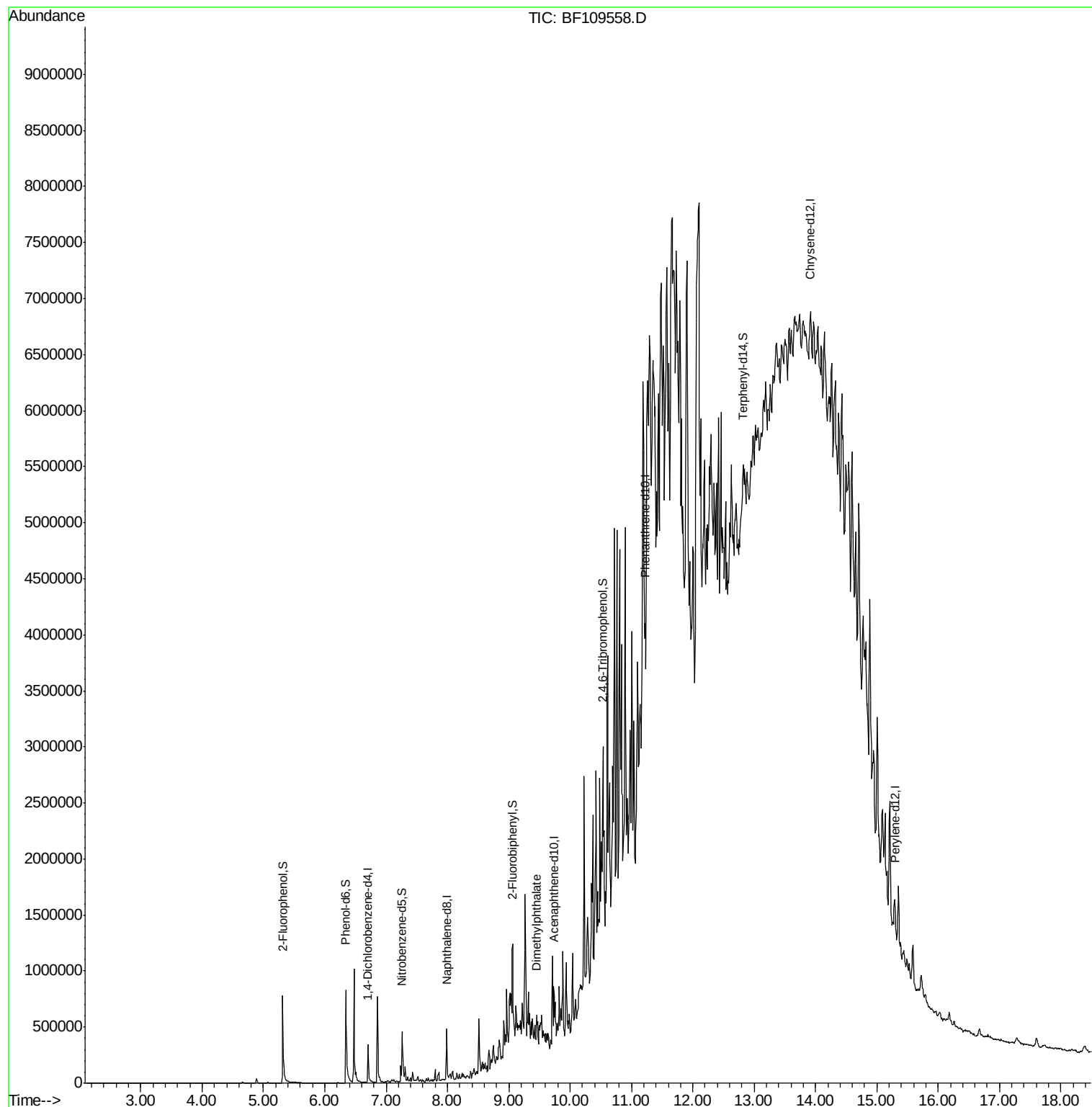
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	64754	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	229196	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	92454	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	149211	20.00	ng	0.01
75) Chrysene-d12	13.90	240	77354	20.00	ng	0.06
86) Perylene-d12	15.30	264	94189	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	281220	71.53	ng	0.00
7) Phenol-d6	6.35	99	365337	72.82	ng	-0.01
23) Nitrobenzene-d5	7.26	82	195962	50.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	62441	68.51	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	349765	57.06	ng	-0.01
78) Terphenyl-d14	12.83	244	232689	73.82	ng	0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	112176	16.682	ng	98

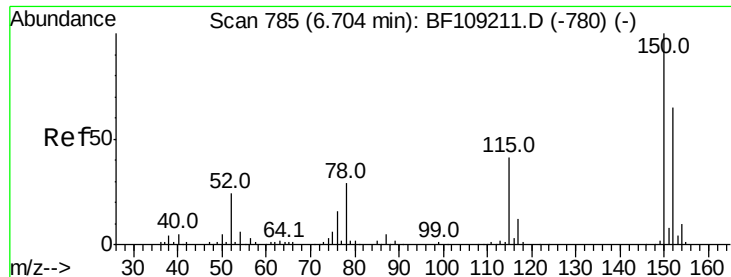
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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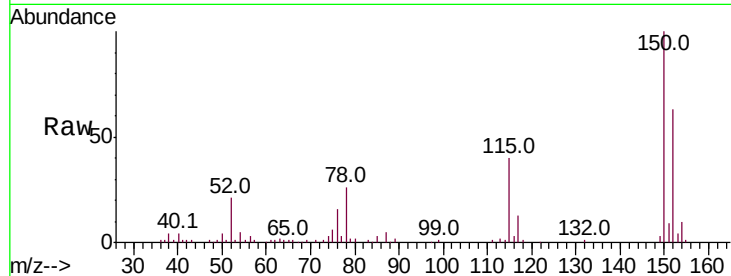


#1

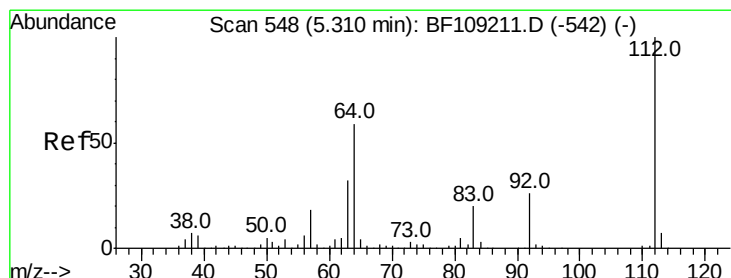
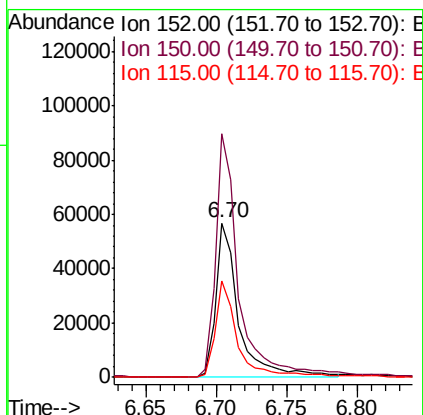
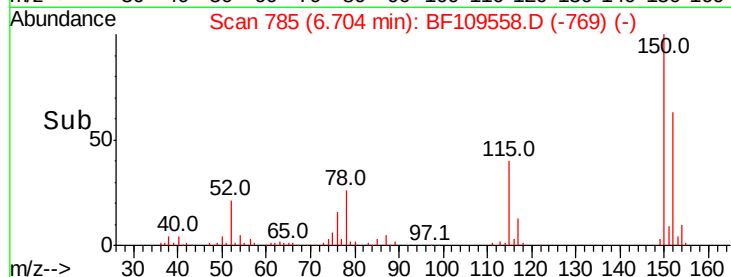
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109558.D
Acq: 3 Oct 2018 20:29

Instrument :
BNA_F
ClientSampleId :
280-356

Tot Ion:152 Resp: 64754
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 62.7 50.1 75.1



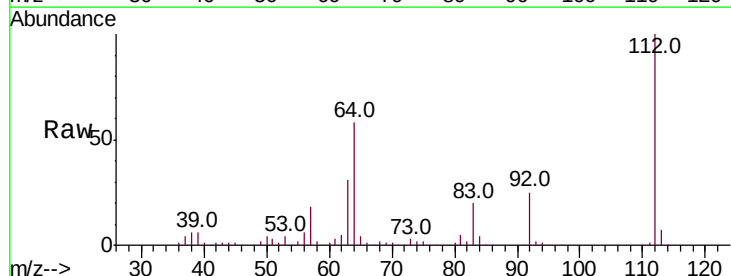
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



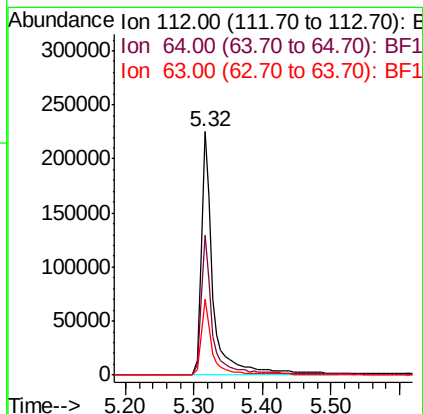
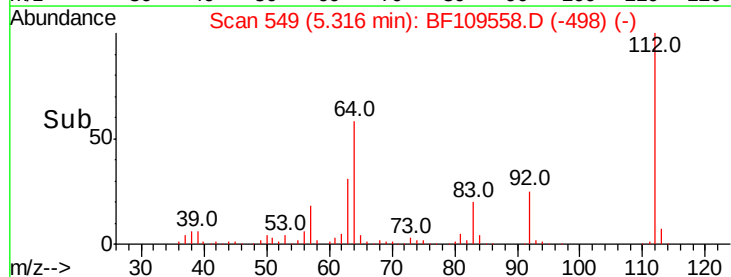
#5

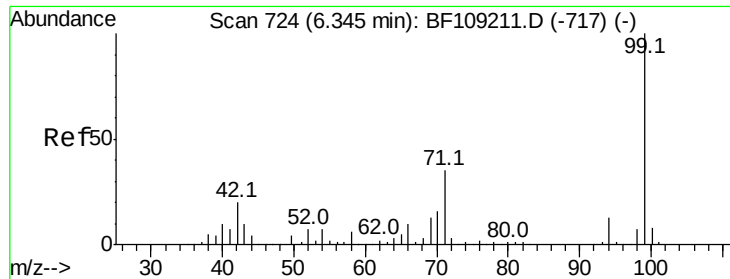
2-Fluorophenol
Concen: 71.531 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109558.D
Acq: 3 Oct 2018 20:29

Tgt Ion:112 Resp: 281220
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 31.0 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: 72.825 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109558.D

Acq: 3 Oct 2018 20:29

Instrument :

BNA_F

ClientSampleId :

280-356

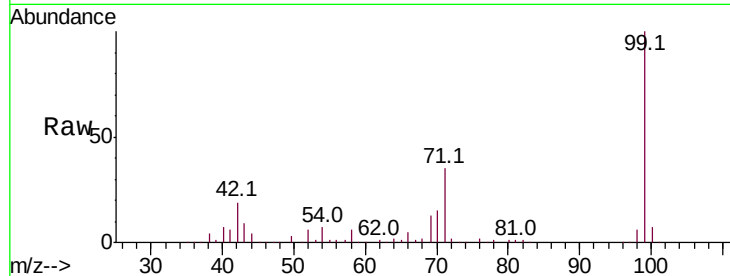
Tot Ion: 99 Resp: 365337

Ion Ratio Lower Upper

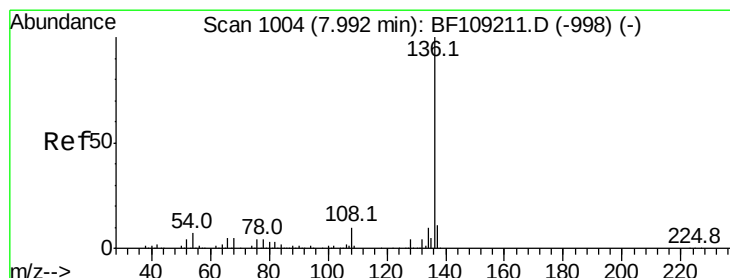
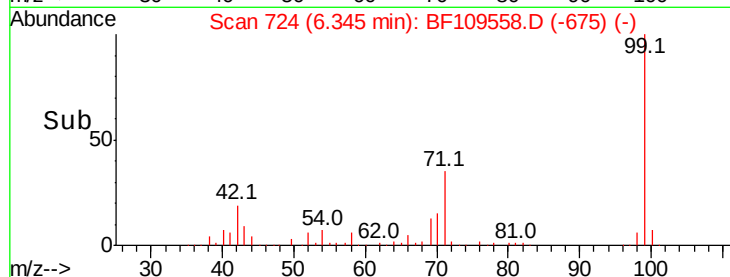
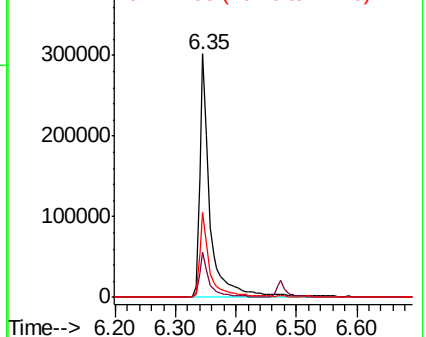
99 100

42 18.7 14.5 21.7

71 35.1 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: BF109558.D

Acq: 3 Oct 2018 20:29

Tgt Ion: 136 Resp: 229196

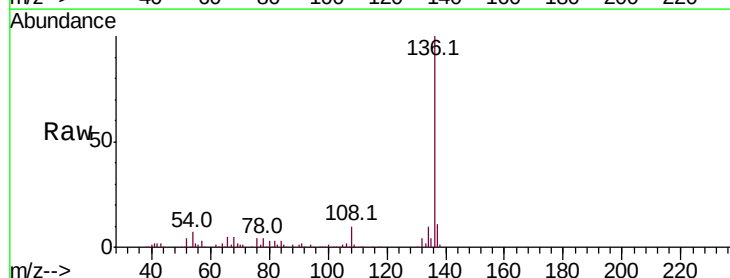
Ion Ratio Lower Upper

136 100

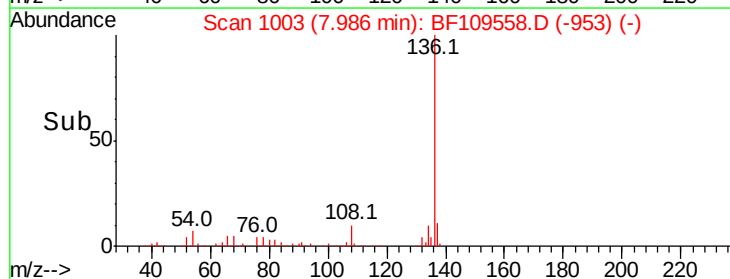
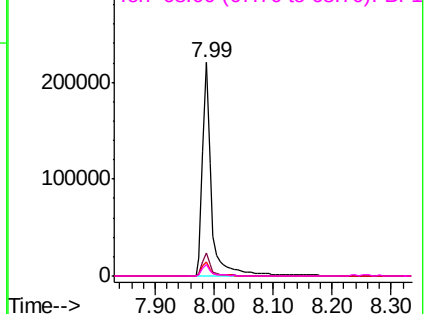
137 10.7 8.9 13.3

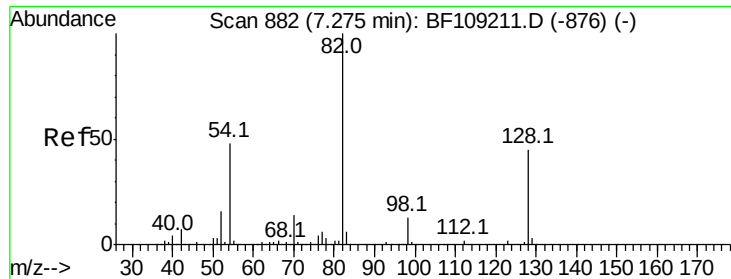
54 6.8 6.6 9.8

68 5.2 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

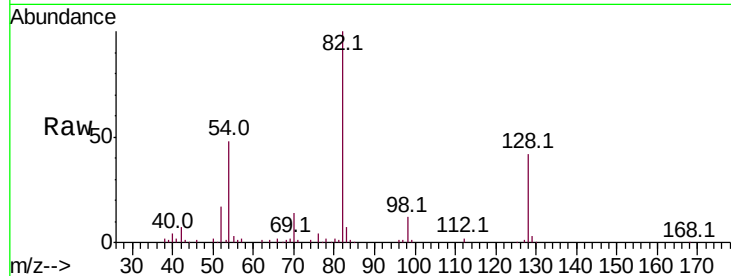




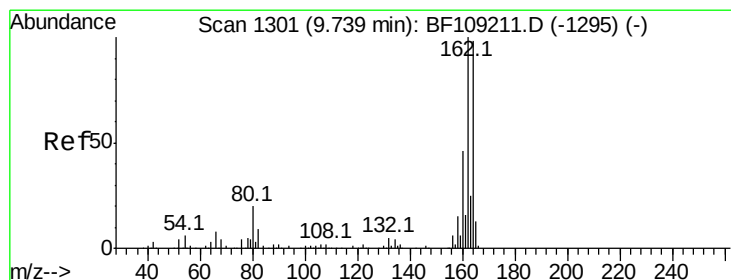
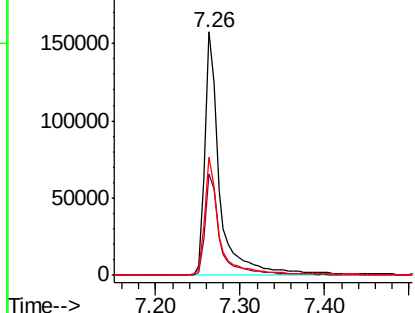
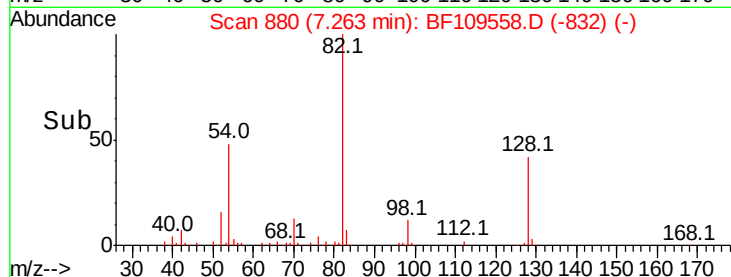
#23
 Nitrobenzene-d5
 Concen: 50.472 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109558.D
 Acq: 3 Oct 2018 20:29

Instrument :
 BNA_F
 ClientSampled :
 280-356

Tot Ion	82	Resp	195962
Ion Ratio	Lower	Upper	
82	100		
128	41.6	36.1	54.1
54	48.4	41.4	62.2

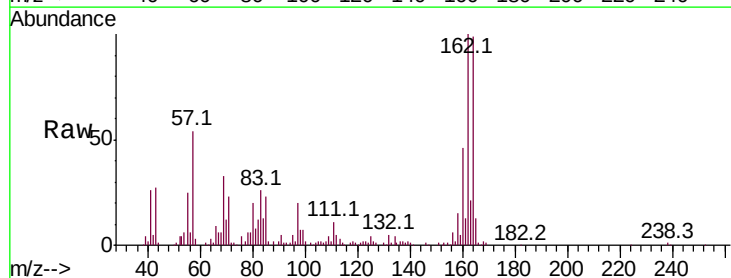


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

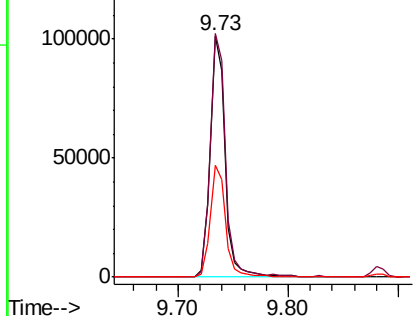
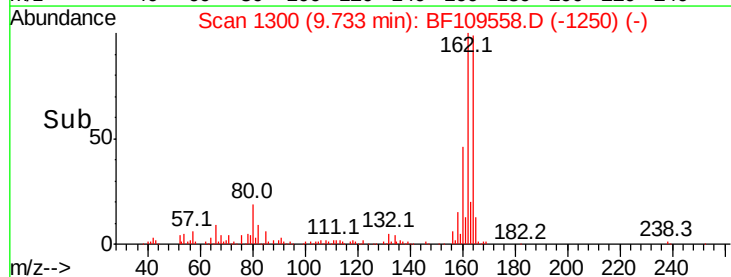


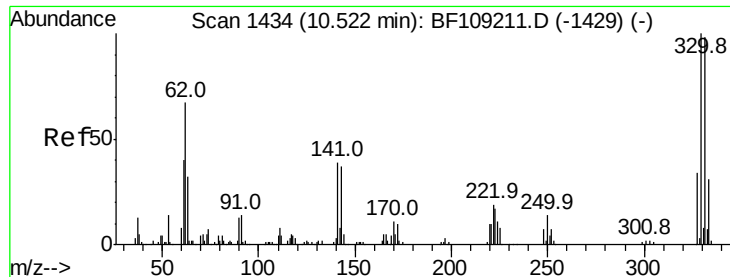
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109558.D
 Acq: 3 Oct 2018 20:29

Tgt Ion	164	Resp	92454
Ion Ratio	Lower	Upper	
164	100		
162	100.8	86.1	129.1
160	46.4	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

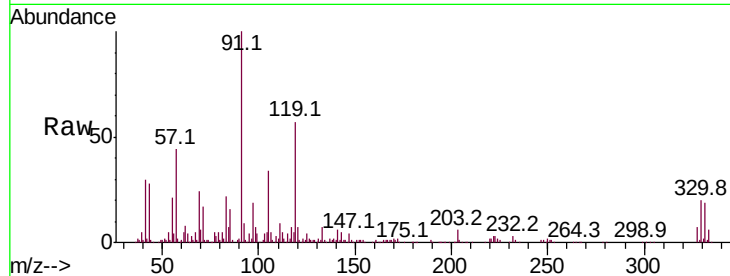




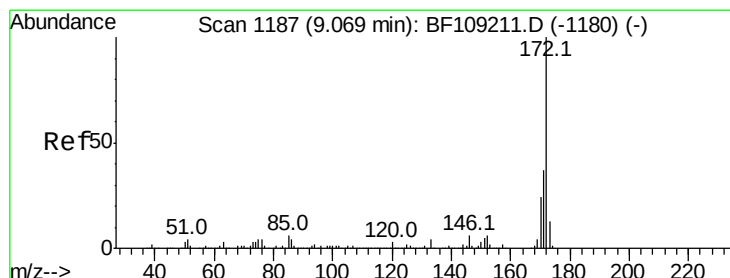
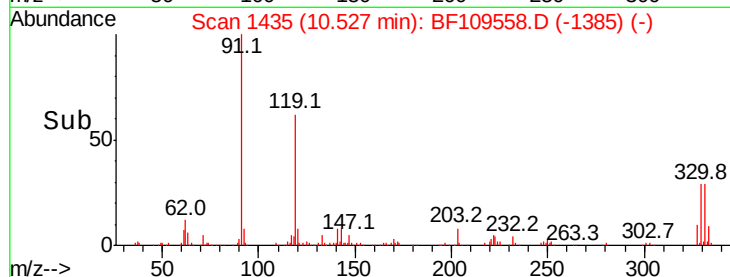
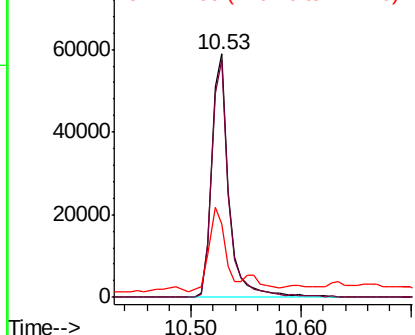
#41
 2,4,6-Tribromophenol
 Concen: 68.511 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109558.D
 Acq: 3 Oct 2018 20:29

Instrument :
 BNA_F
 ClientSampleId :
 280-356

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	33.1	29.9	44.9

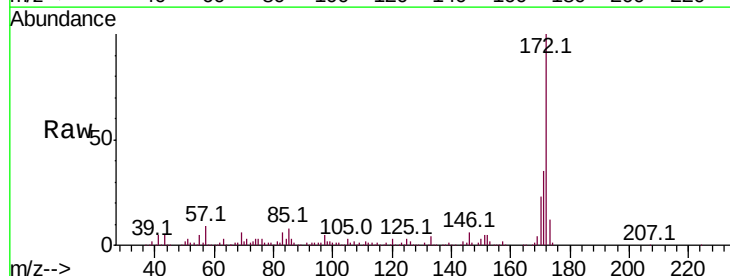


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

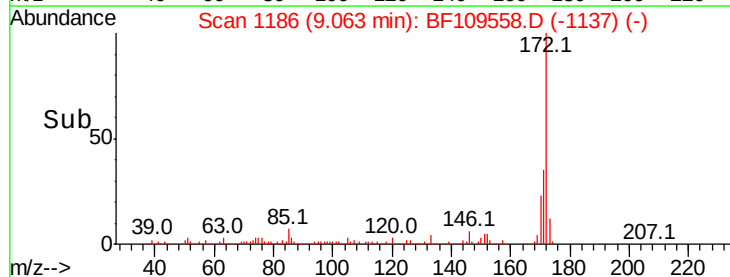
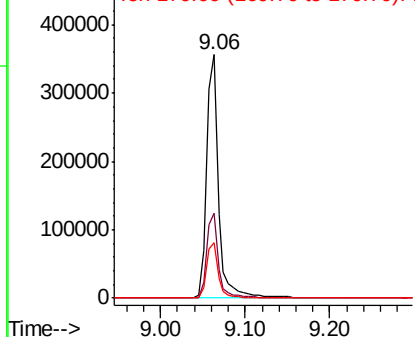


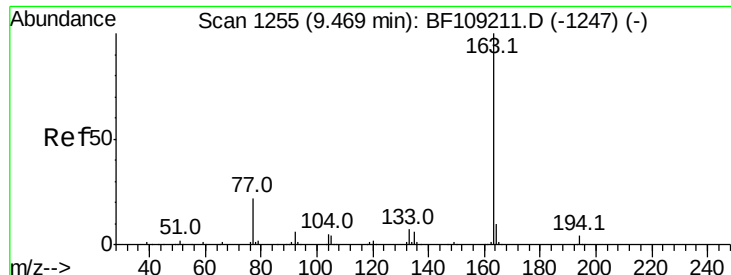
#44
 2-Fluorobiphenyl
 Concen: 57.057 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109558.D
 Acq: 3 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.0	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

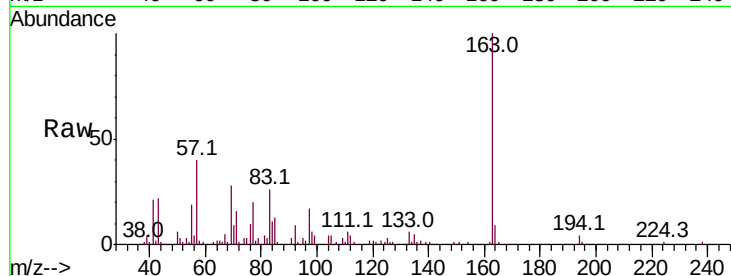




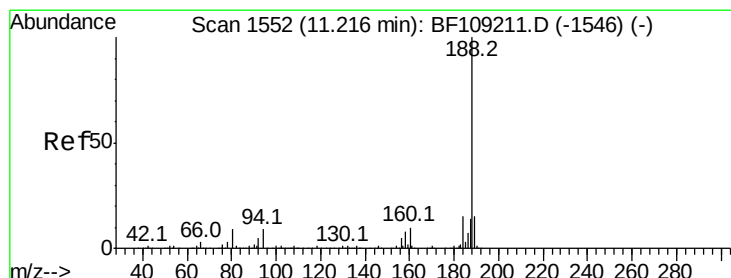
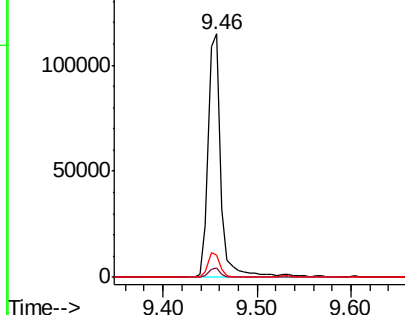
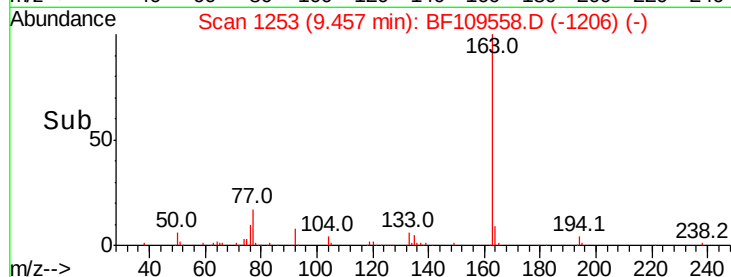
#49
Dimethylphthalate
Concen: 16.682 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109558.D
Acq: 3 Oct 2018 20:29

Instrument :
BNA_F
ClientSampleId :
280-356

Tot Ion:163 Resp: 112176
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.4 8.2 12.2

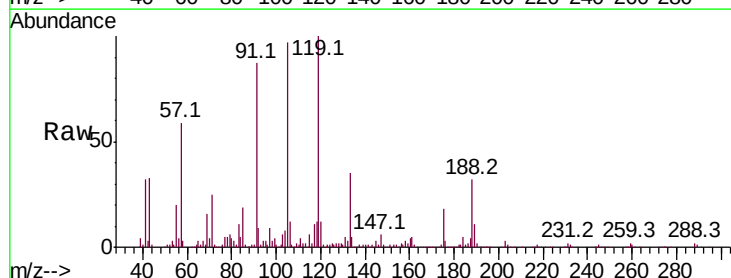


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

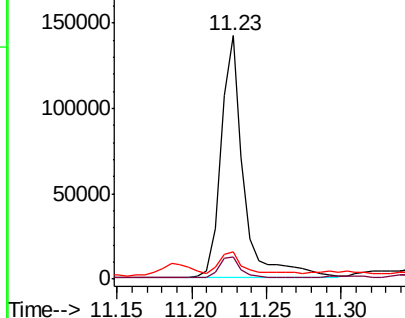
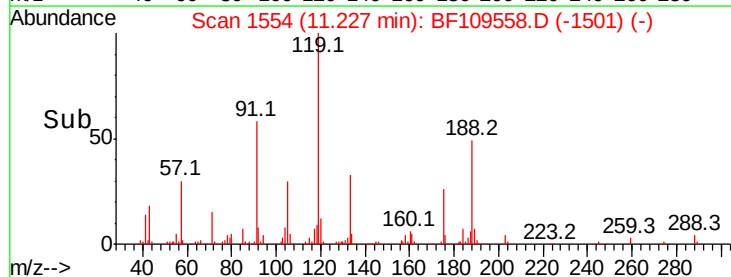


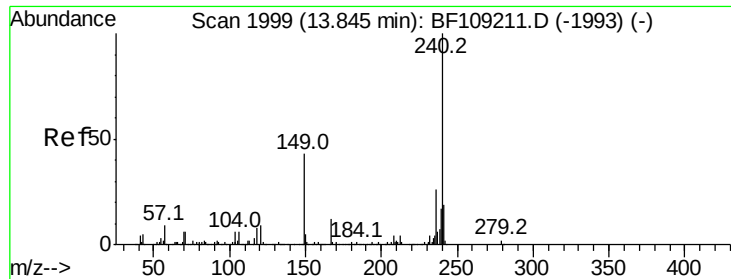
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF109558.D
Acq: 3 Oct 2018 20:29

Tgt Ion:188 Resp: 149211
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 11.1 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: 13.90 min Scan# 2009

Delta R.T. 0.06 min

Lab File: BF109558.D

Acq: 3 Oct 2018 20:29

Instrument :

BNA_F

ClientSampleId :

280-356

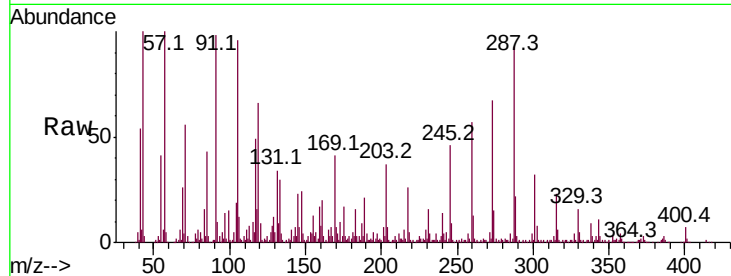
Tot Ion:240 Resp: 77354

Ion Ratio Lower Upper

240 100

120 67.3 9.5 14.3#

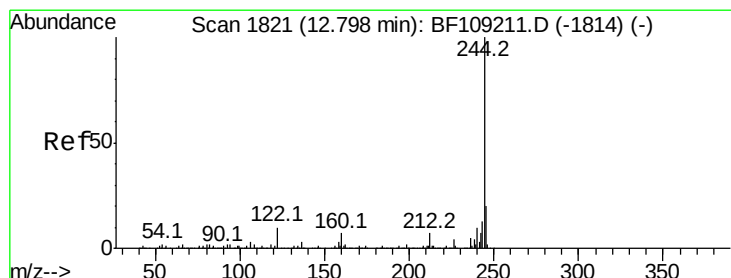
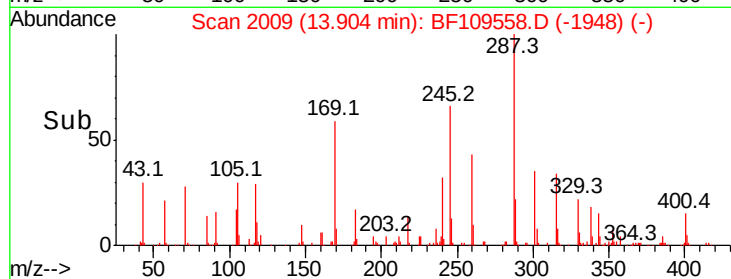
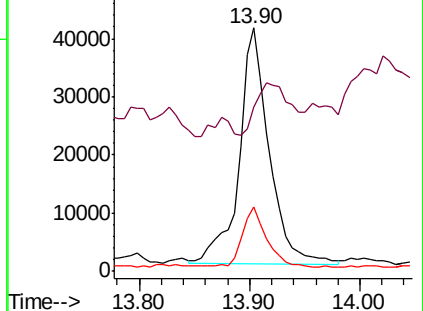
236 26.5 20.7 31.1



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: 73.824 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.02 min

Lab File: BF109558.D

Acq: 3 Oct 2018 20:29

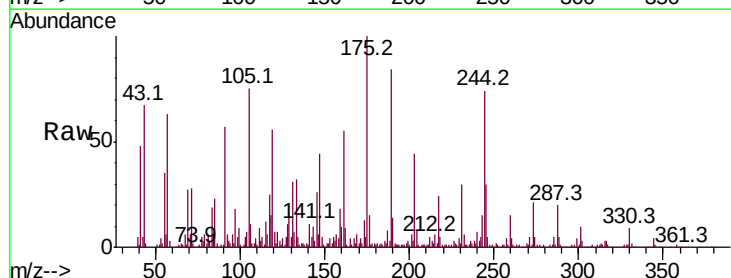
Tgt Ion:244 Resp: 232689

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

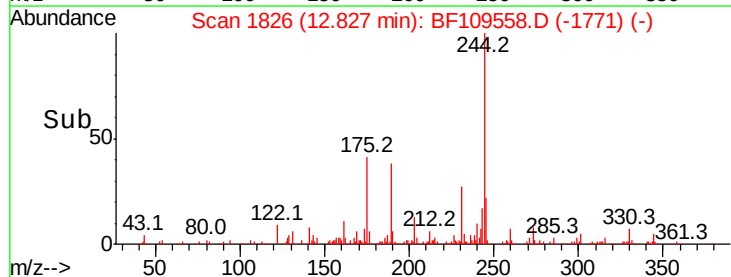
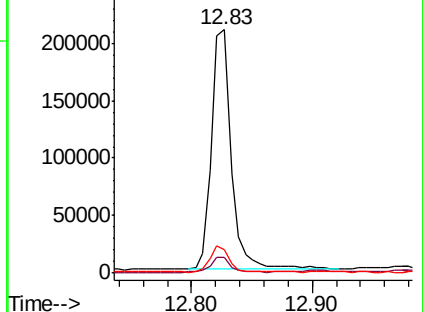
122 9.6 11.0 16.4#

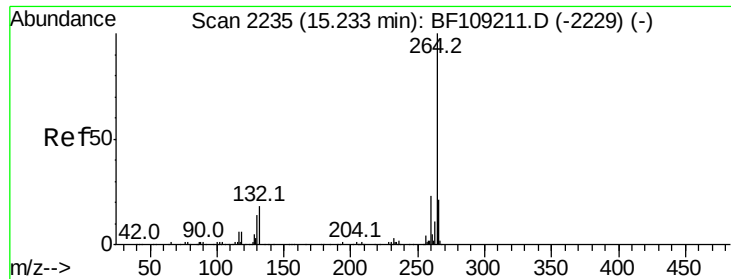


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

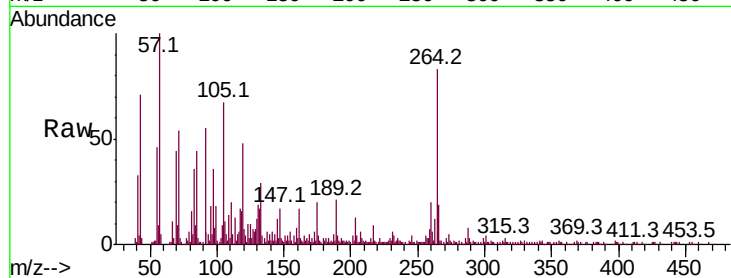




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.06 min
Lab File: BF109558.D
Acq: 3 Oct 2018 20:29

Instrument :
BNA_F
ClientSampleId :
280-356

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.0	19.2	28.8	
265	22.8	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

