

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109146.D
 Acq On : 19 Sep 2018 16:28
 Operator : JU/SJ
 Sample : J4960-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1RE

Quant Time: Sep 19 18:03:33 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

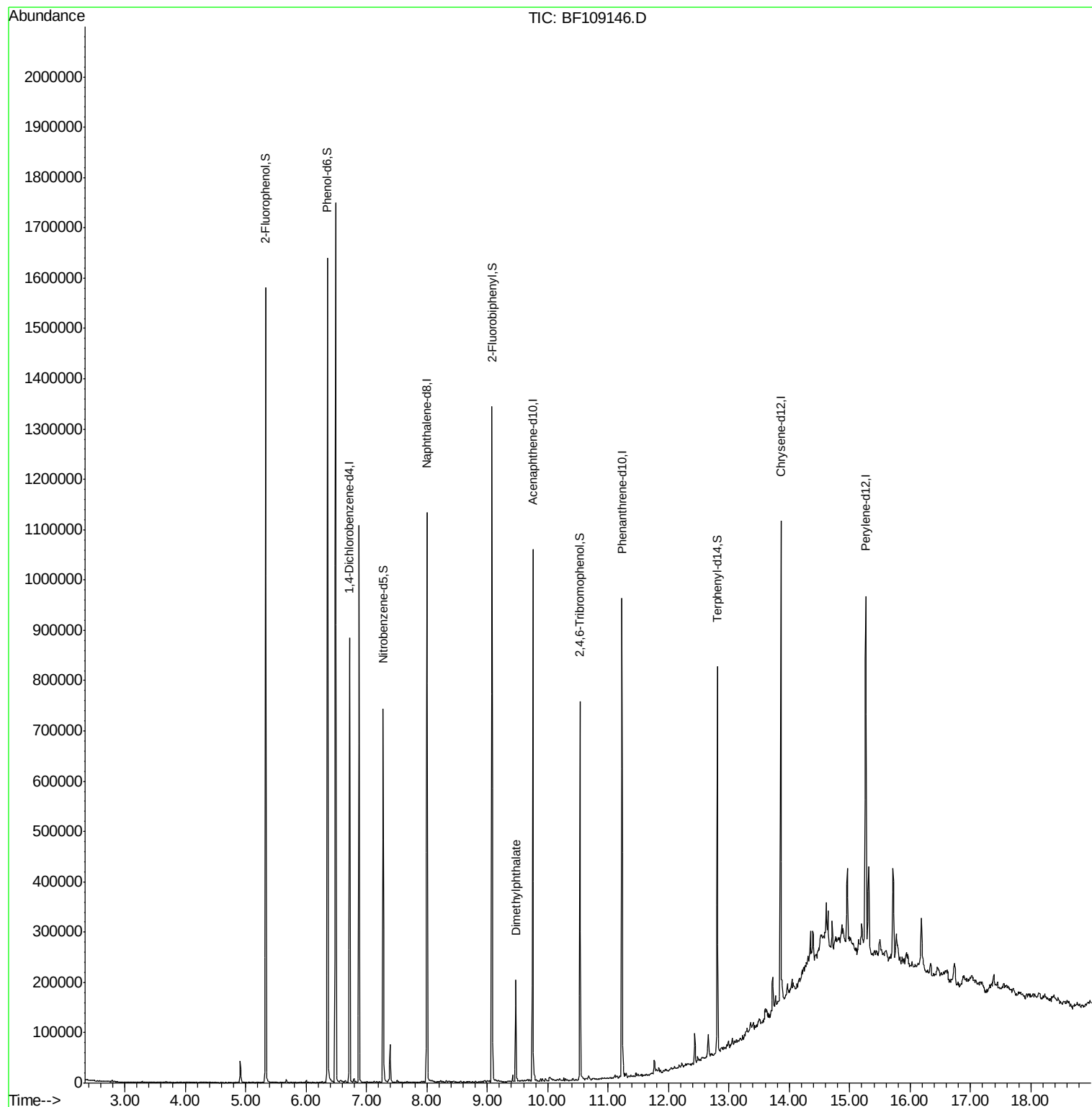
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	132978	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	470793	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	190275	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	321060	20.00	ng	0.00
75) Chrysene-d12	13.86	240	330674	20.00	ng	0.00
86) Perylene-d12	15.27	264	314667	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	409987	51.21	ng	0.00
7) Phenol-d6	6.35	99	532503	51.58	ng	0.00
23) Nitrobenzene-d5	7.28	82	219008	26.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	90441	43.80	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	375413	30.91	ng	0.00
78) Terphenyl-d14	12.81	244	274312	19.66	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	76770	5.645	ng	Qvalue # 99

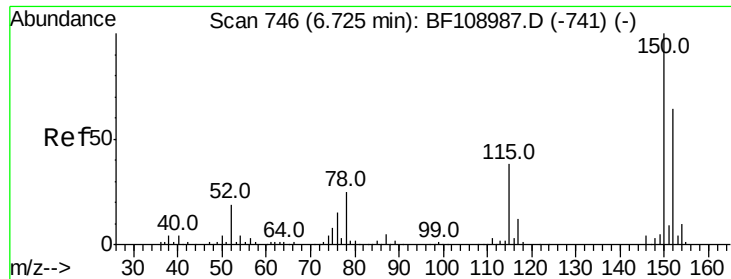
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF109146.D

Acq: 19 Sep 2018 16:28

Instrument :

BNA_F

ClientSampleId :

S1RE

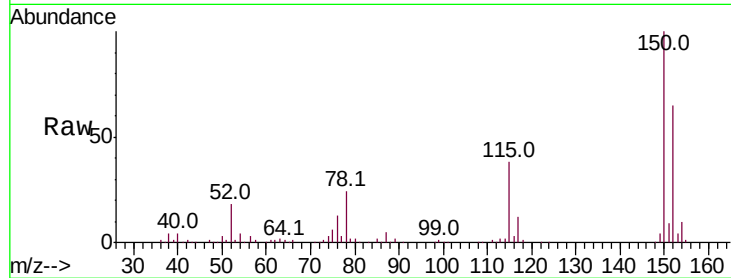
Tot Ion:152 Resp: 132978

Ion Ratio Lower Upper

152 100

150 154.8 124.6 186.8

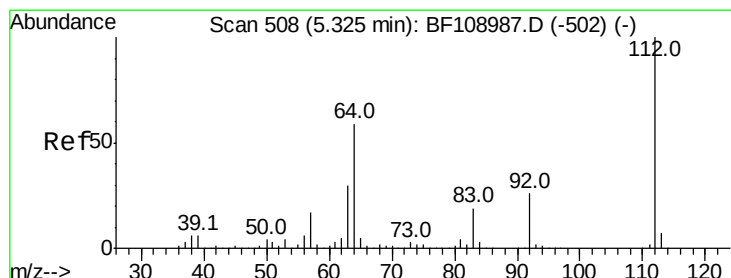
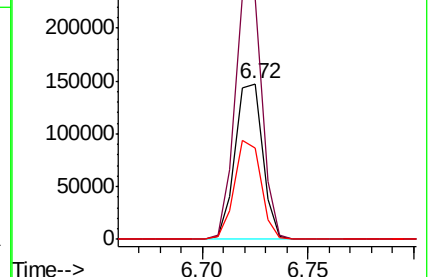
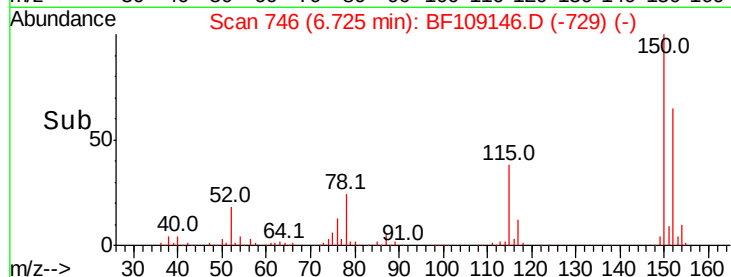
115 58.4 50.1 75.1



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: 51.207 ng

RT: 5.33 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF109146.D

Acq: 19 Sep 2018 16:28

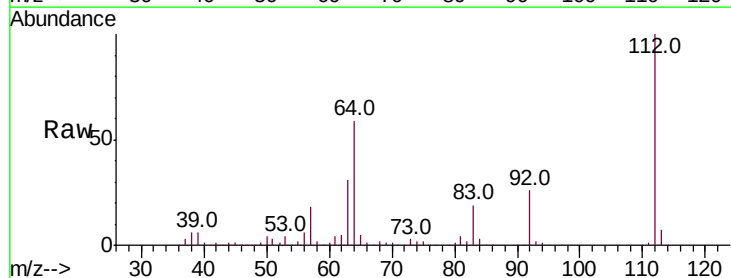
Tgt Ion:112 Resp: 409987

Ion Ratio Lower Upper

112 100

64 59.3 47.9 71.9

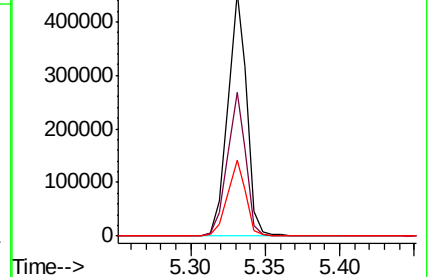
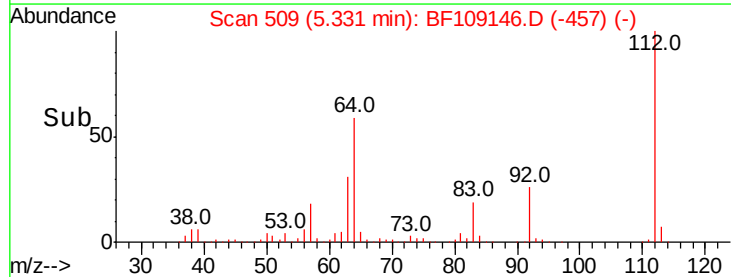
63 31.0 23.7 35.5

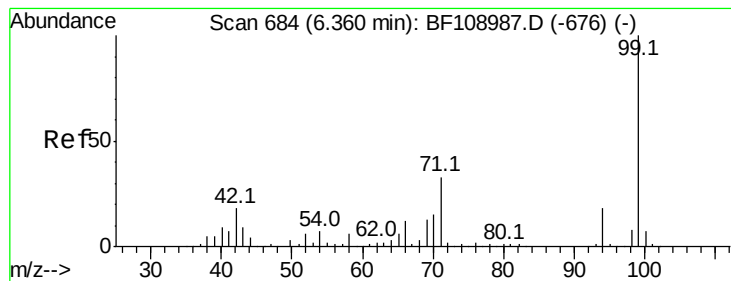


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 51.579 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109146.D

Acq: 19 Sep 2018 16:28

Instrument :

BNA_F

ClientSampleId :

S1RE

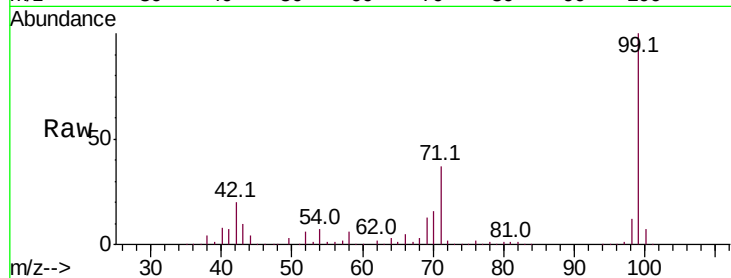
Tot Ion: 99 Resp: 532503

Ion Ratio Lower Upper

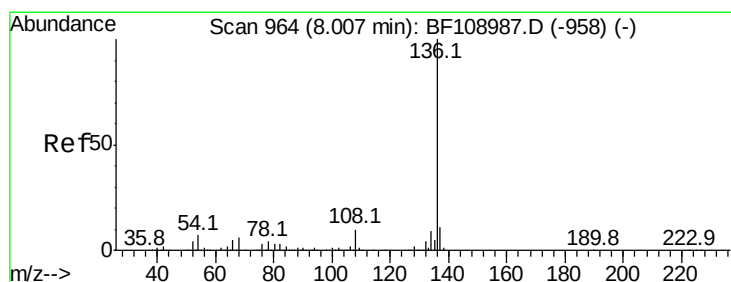
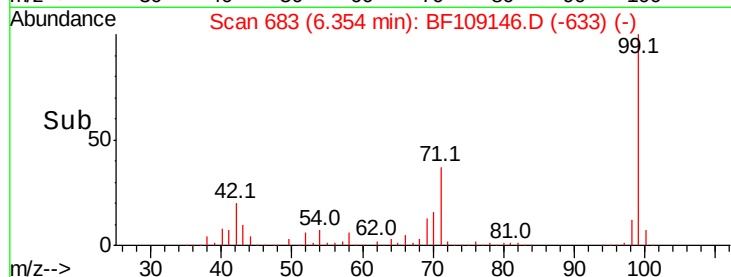
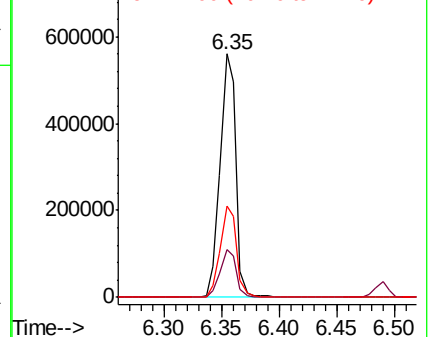
99 100

42 19.8 14.5 21.7

71 37.3 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: BF109146.D

Acq: 19 Sep 2018 16:28

Tgt Ion: 136 Resp: 470793

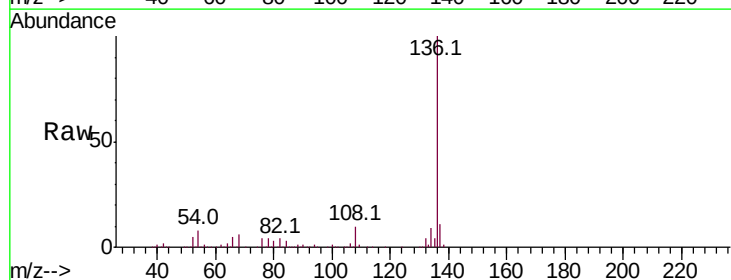
Ion Ratio Lower Upper

136 100

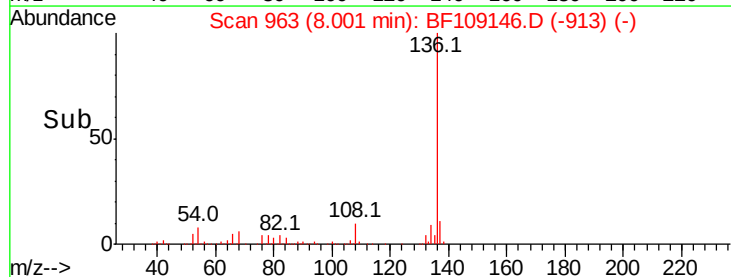
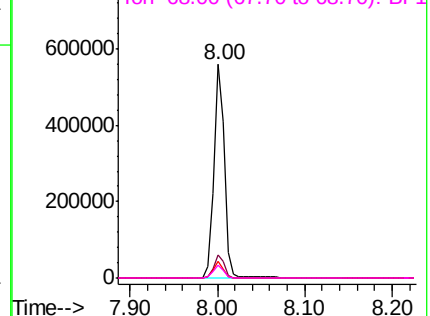
137 11.1 8.9 13.3

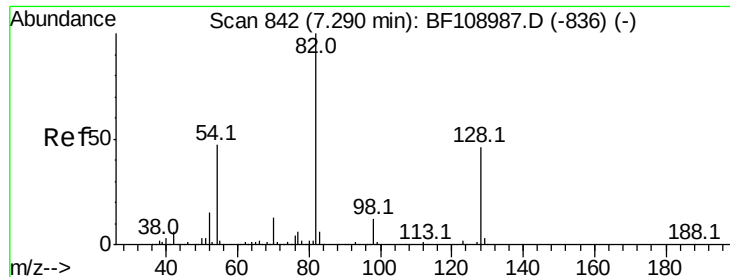
54 7.6 6.6 9.8

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

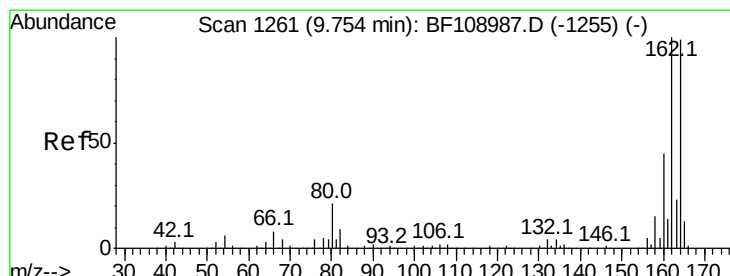
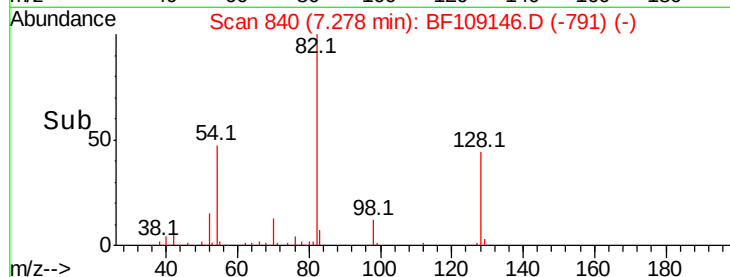
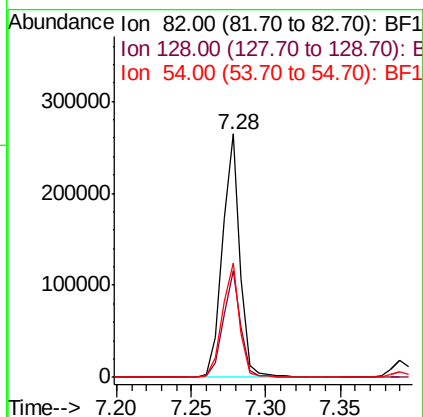
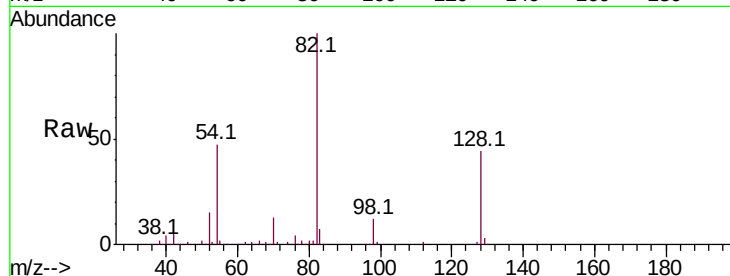




#23
Nitrobenzene-d5
Concen: 26.092 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109146.D
Acq: 19 Sep 2018 16:28

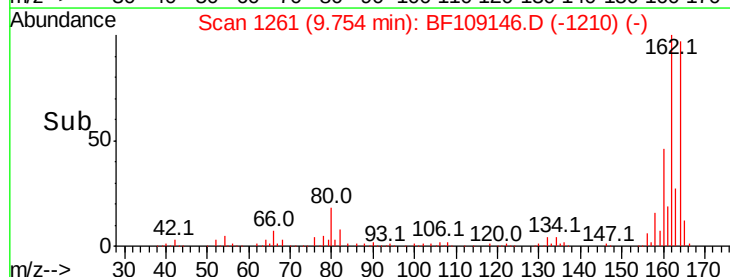
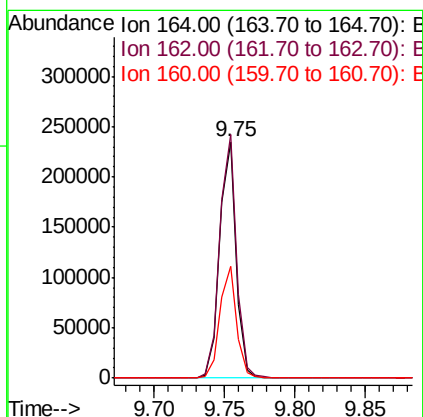
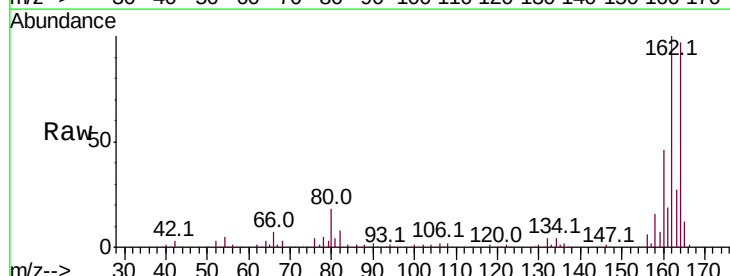
Instrument :
BNA_F
ClientSampleId :
S1RE

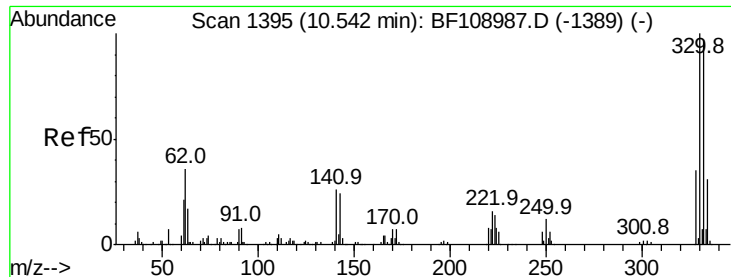
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	47.0	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF109146.D
Acq: 19 Sep 2018 16:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	47.1	38.3	57.5

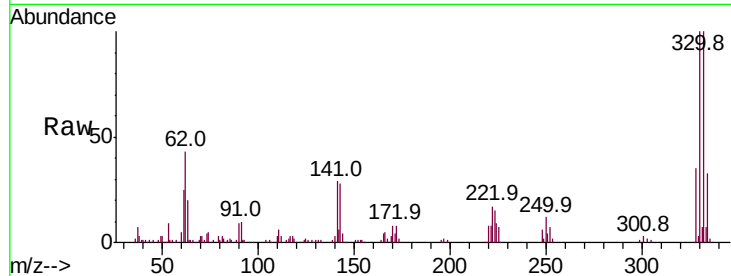




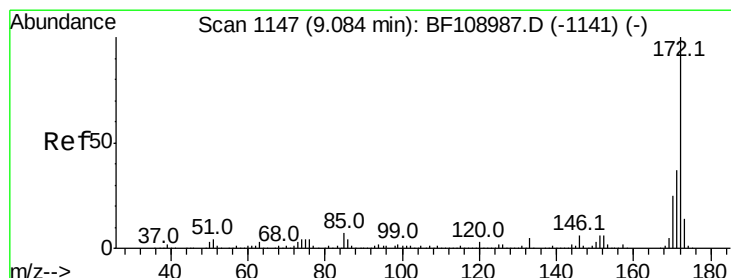
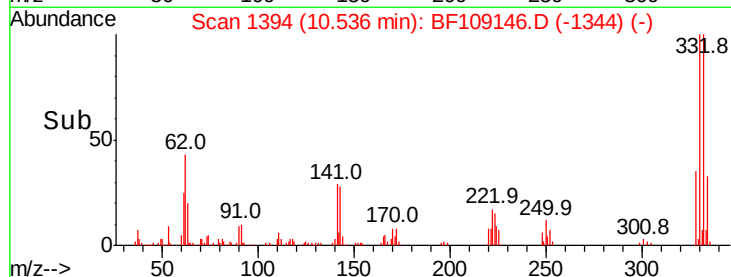
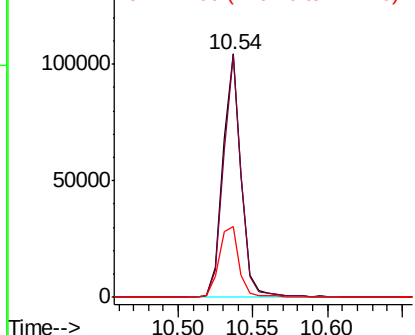
#41
 2,4,6-Tribromophenol
 Concen: 43.797 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109146.D
 Acq: 19 Sep 2018 16:28

Instrument :
 BNA_F
 ClientSampled :
 S1RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	32.0	29.9	44.9

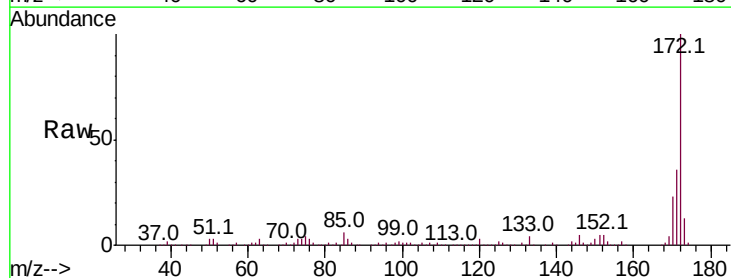


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

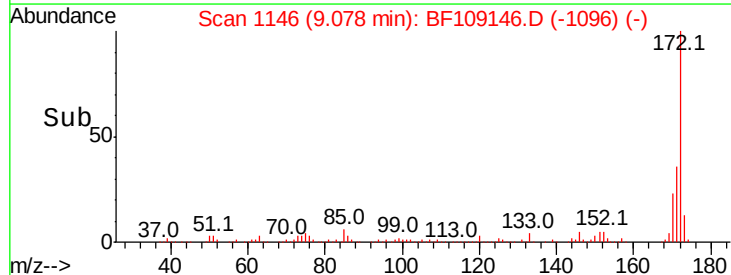
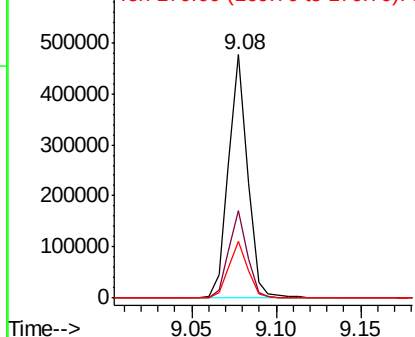


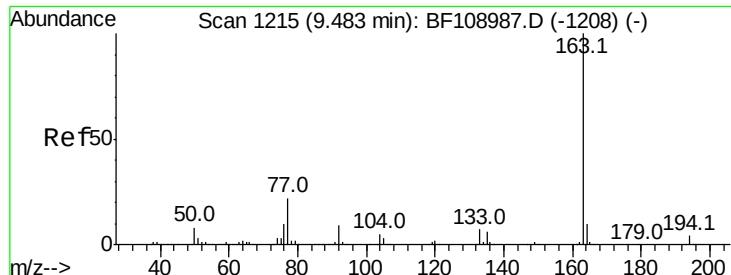
#44
 2-Fluorobiphenyl
 Concen: 30.912 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109146.D
 Acq: 19 Sep 2018 16:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.4	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: 5.645 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109146.D

Acq: 19 Sep 2018 16:28

Instrument :

BNA_F

ClientSampleId :

S1RE

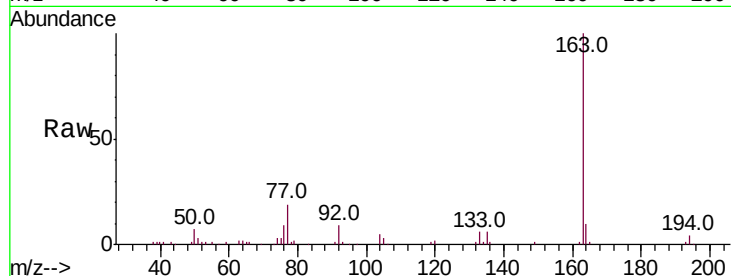
Tot Ion:163 Resp: 76770

Ion Ratio Lower Upper

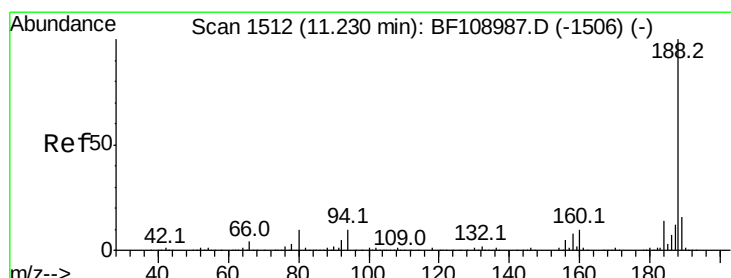
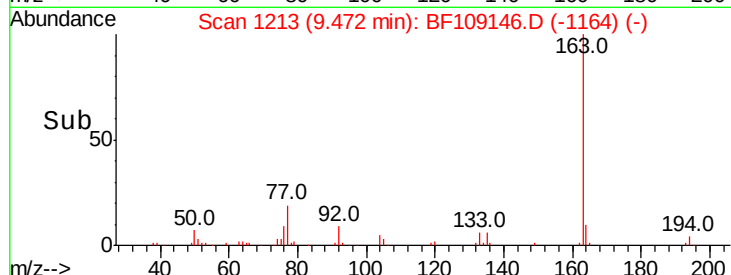
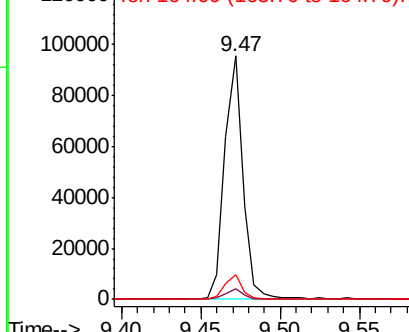
163 100

194 4.1 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: 11.23 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BF109146.D

Acq: 19 Sep 2018 16:28

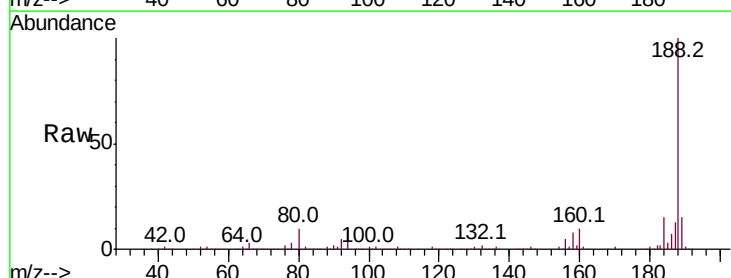
Tgt Ion:188 Resp: 321060

Ion Ratio Lower Upper

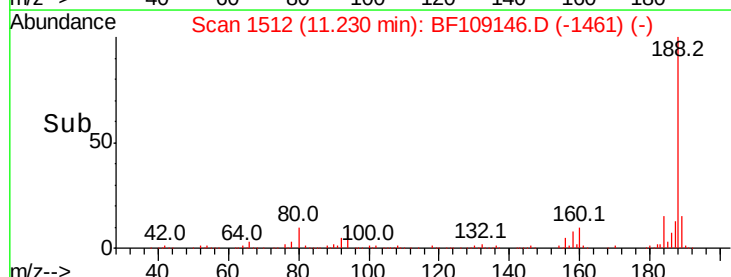
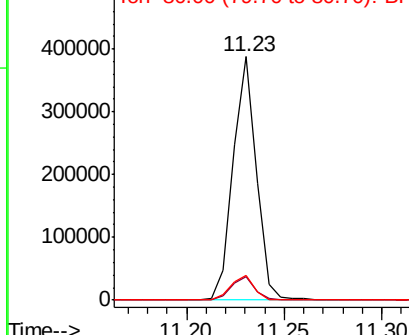
188 100

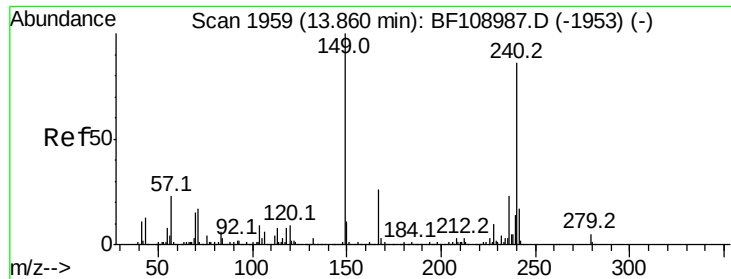
94 9.4 8.5 12.7

80 10.2 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# 1959

Delta R.T. 0.00 min

Lab File: BF109146.D

Acq: 19 Sep 2018 16:28

Instrument :

BNA_F

ClientSampleId :

S1RE

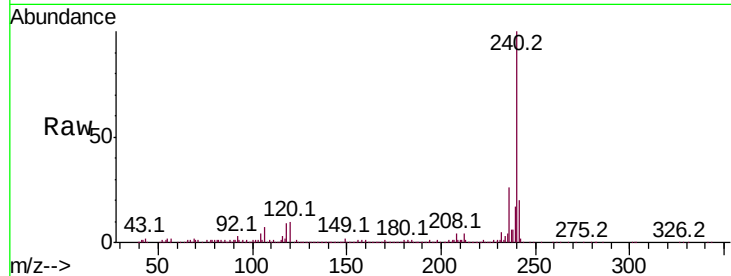
Tot Ion:240 Resp: 330674

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

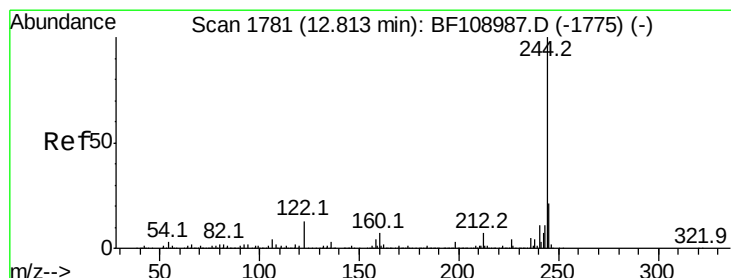
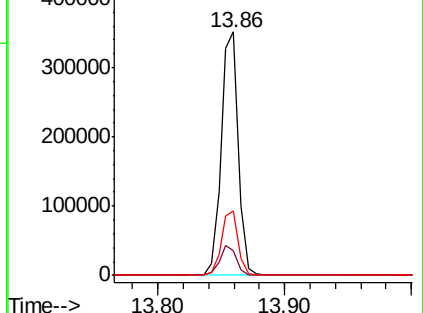
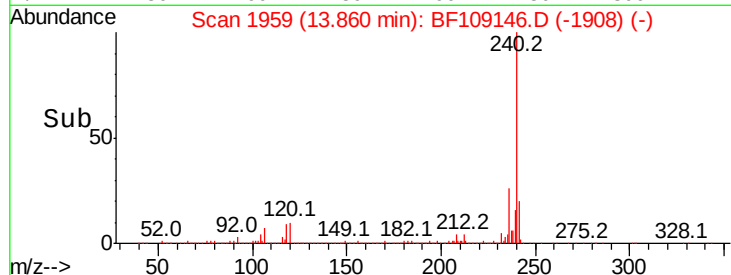
236 26.2 20.7 31.1



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: 19.663 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109146.D

Acq: 19 Sep 2018 16:28

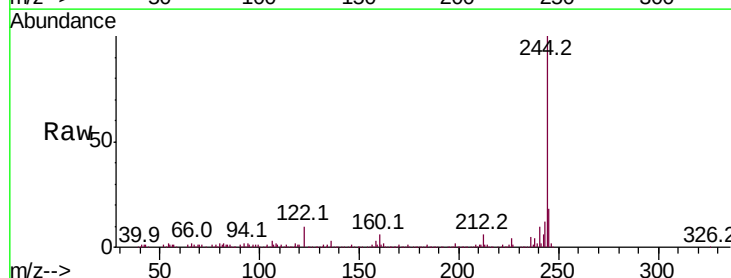
Tgt Ion:244 Resp: 274312

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

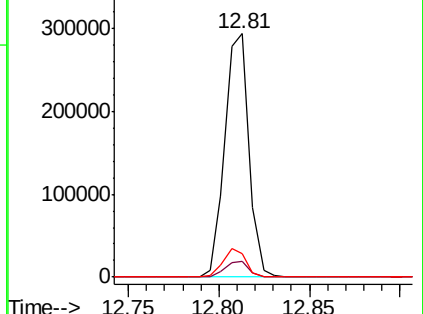
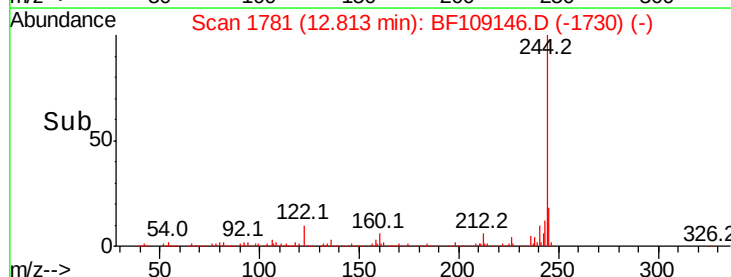
122 9.6 11.0 16.4#

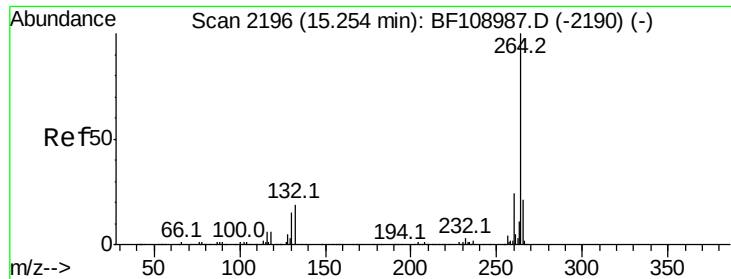


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

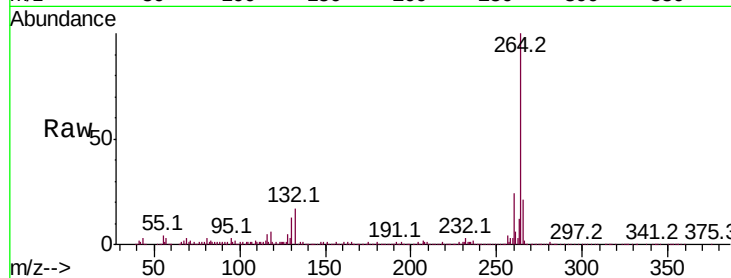




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF109146.D
Acq: 19 Sep 2018 16:28

Instrument :
BNA_F
ClientSampleId :
S1RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	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

