

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109005.D
 Acq On : 14 Sep 2018 19:58
 Operator : JU/SJ
 Sample : J4906-29
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2

Quant Time: Sep 15 01:00:54 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

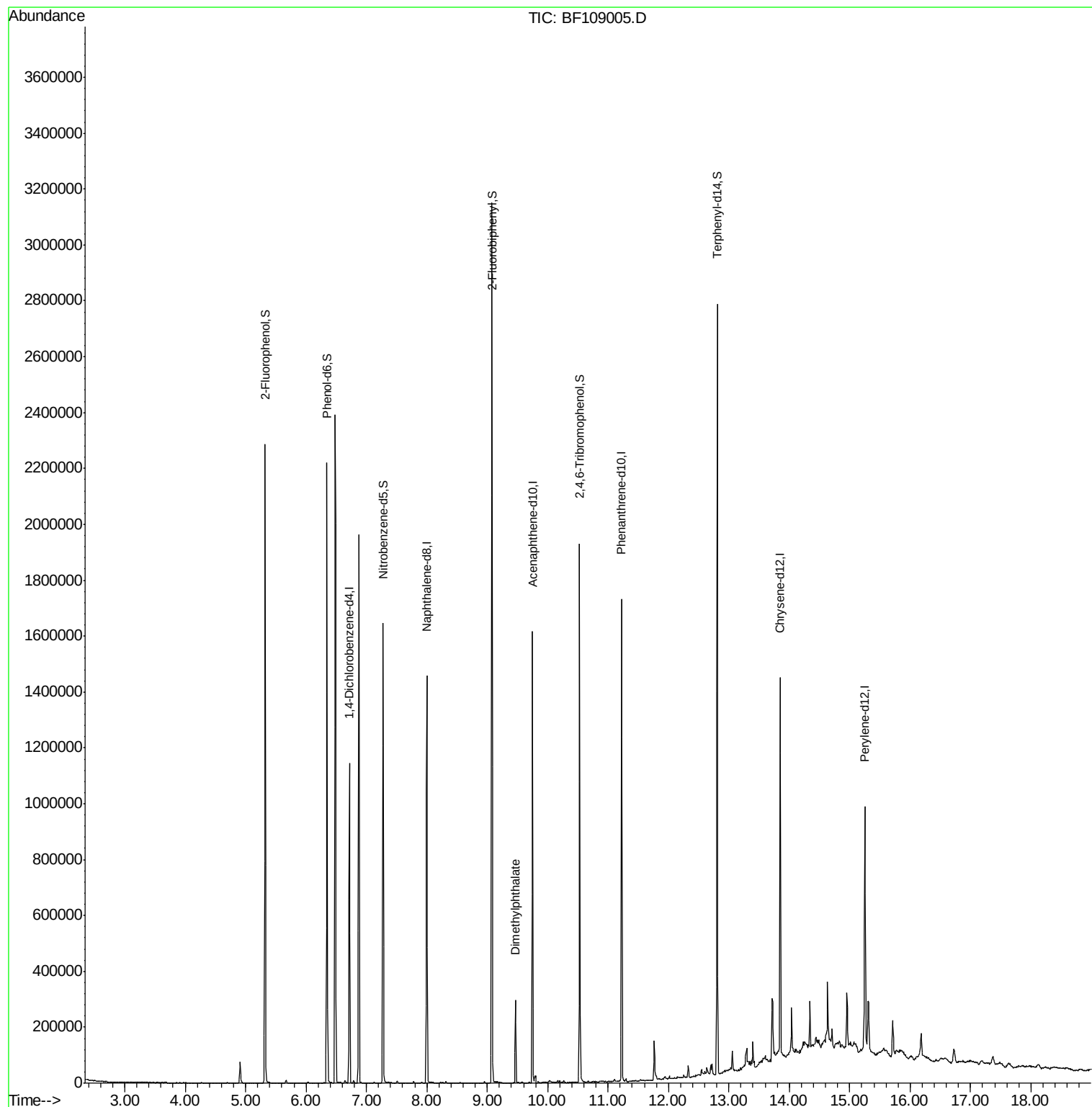
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	151587	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	602342	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	299481	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	599949	20.00	ng	0.00
75) Chrysene-d12	13.85	240	441734	20.00	ng	-0.01
86) Perylene-d12	15.25	264	392609	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	616798	67.58	ng	0.00
7) Phenol-d6	6.35	99	805427	68.44	ng	-0.01
23) Nitrobenzene-d5	7.28	82	504587	46.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	231277	71.16	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	901477	47.16	ng	0.00
78) Terphenyl-d14	12.81	244	934369	50.14	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	111596	5.214	ng	99

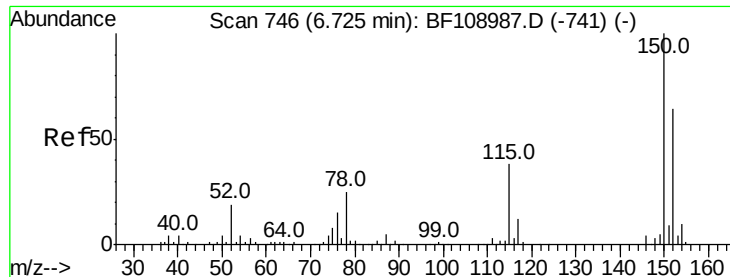
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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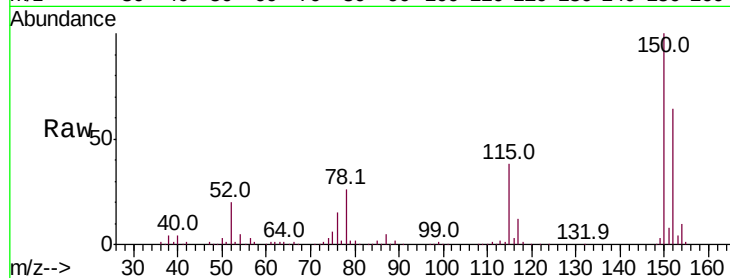


#1

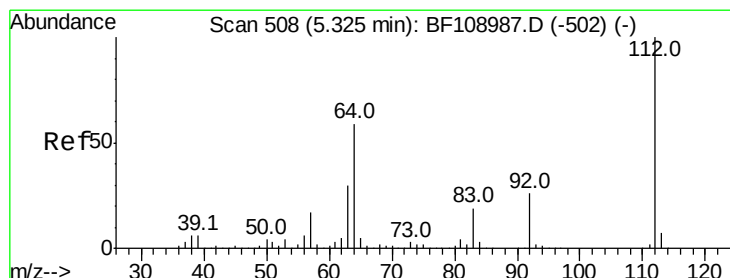
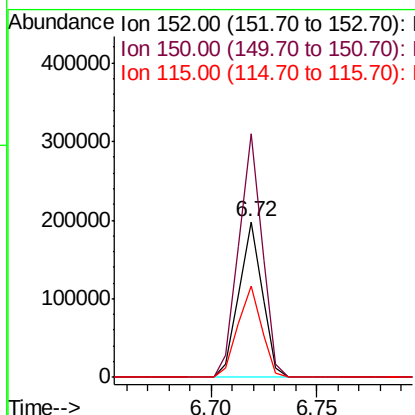
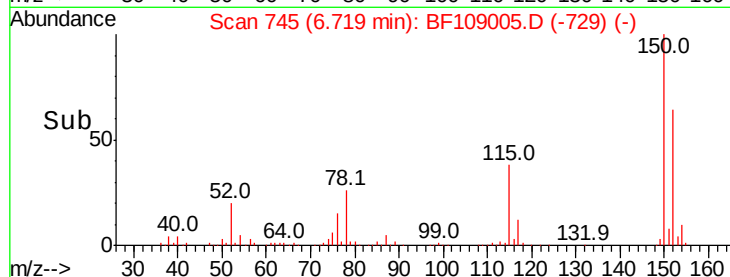
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109005.D
 Acq: 14 Sep 2018 19:58

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2

Tot Ion:152 Resp: 151587
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.6 186.8
 115 58.9 50.1 75.1



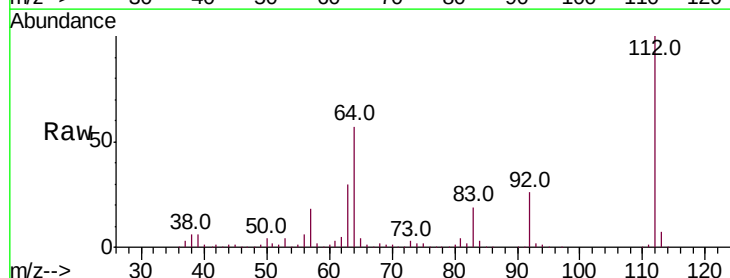
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



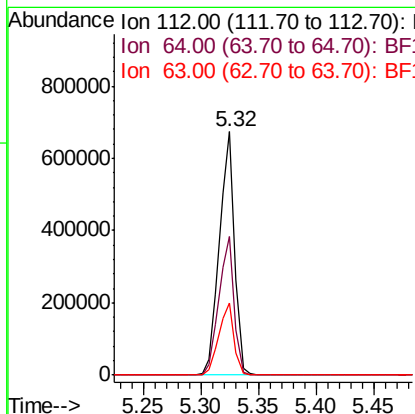
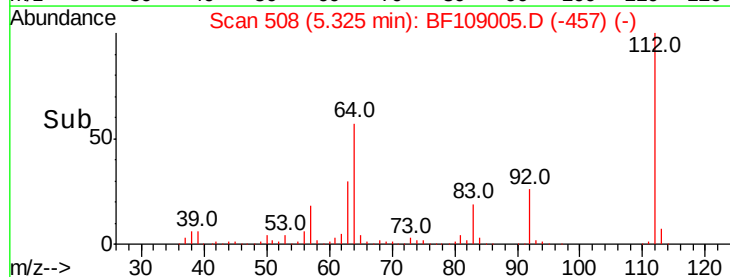
#5

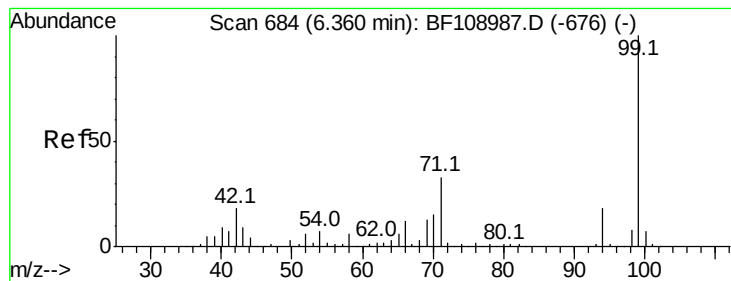
2-Fluorophenol
 Concen: 67.580 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109005.D
 Acq: 14 Sep 2018 19:58

Tgt Ion:112 Resp: 616798
 Ion Ratio Lower Upper
 112 100
 64 57.2 47.9 71.9
 63 29.7 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: 68.438 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109005.D

Acq: 14 Sep 2018 19:58

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2

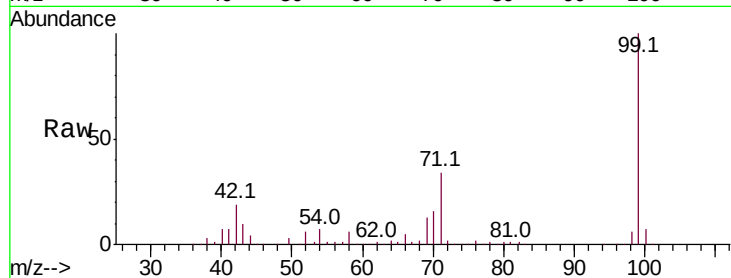
Tot Ion: 99 Resp: 805427

Ion Ratio Lower Upper

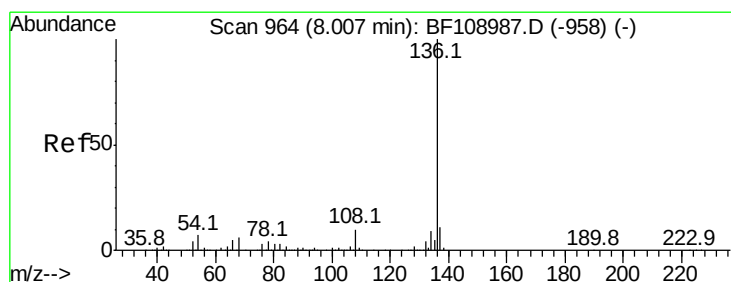
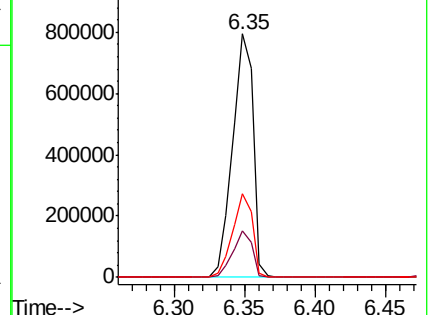
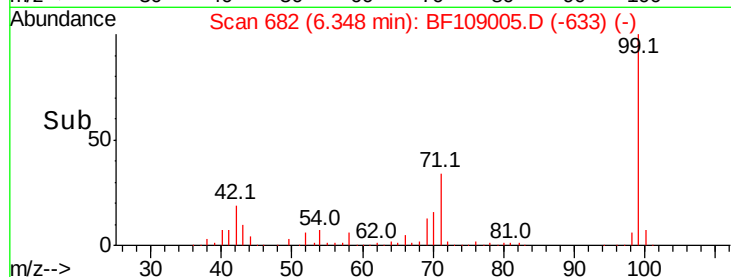
99 100

42 19.2 14.5 21.7

71 34.5 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: BF109005.D

Acq: 14 Sep 2018 19:58

Tgt Ion: 136 Resp: 602342

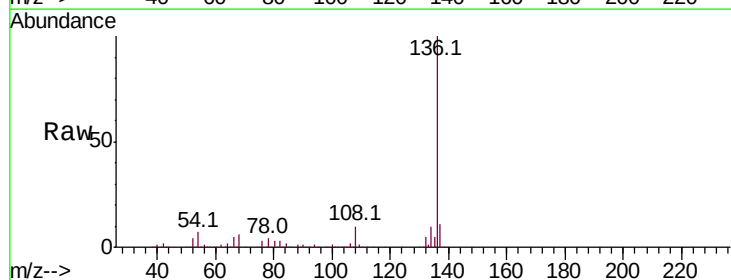
Ion Ratio Lower Upper

136 100

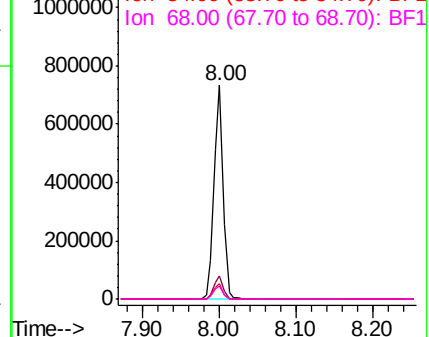
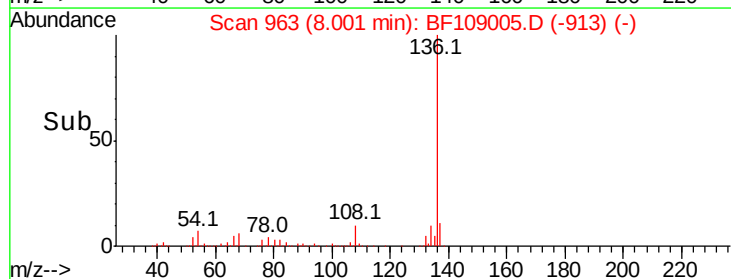
137 11.0 8.9 13.3

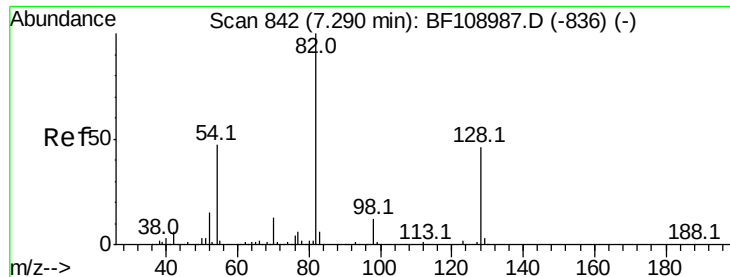
54 7.4 6.6 9.8

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

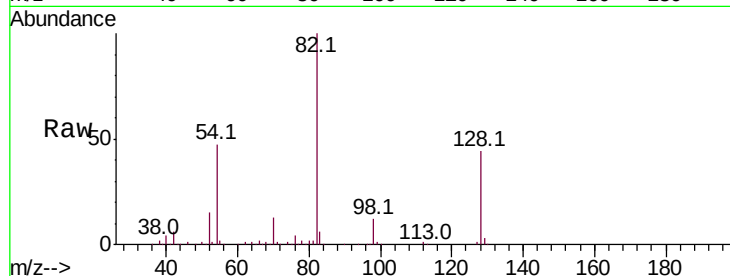




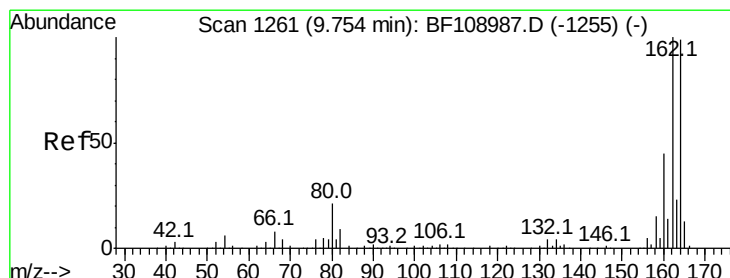
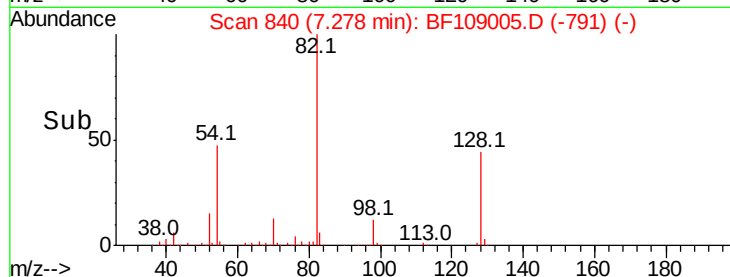
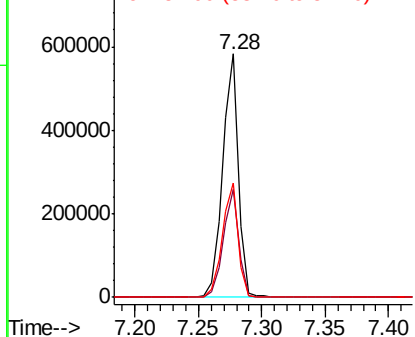
#23
Nitrobenzene-d5
Concen: 46.986 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109005.D
Acq: 14 Sep 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2

Tot Ion	82	Resp	504587
Ion Ratio	Lower	Upper	
82	100		
128	44.2	36.1	54.1
54	47.1	41.4	62.2

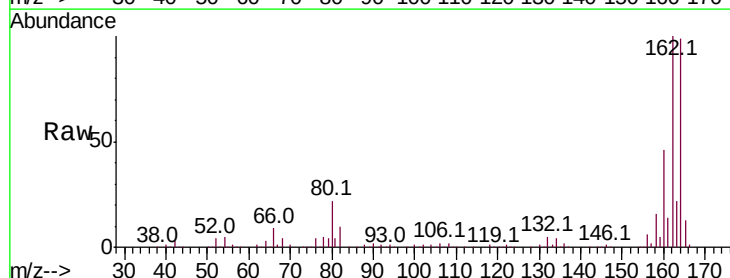


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

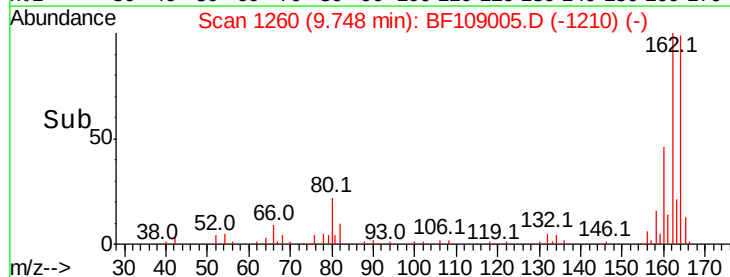
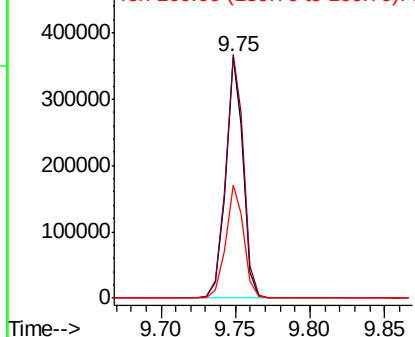


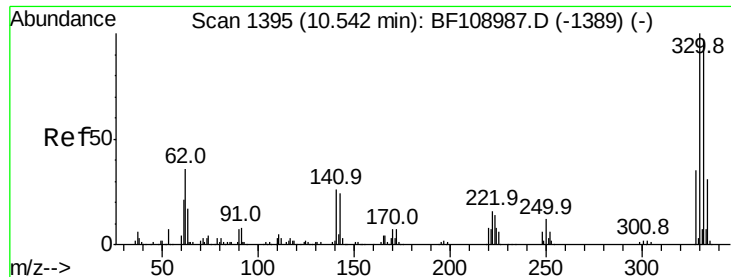
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109005.D
Acq: 14 Sep 2018 19:58

Tgt Ion	164	Resp	299481
Ion Ratio	Lower	Upper	
164	100		
162	100.9	86.1	129.1
160	46.7	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: 71.158 ng

RT: 10.53 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF109005.D

Acq: 14 Sep 2018 19:58

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2

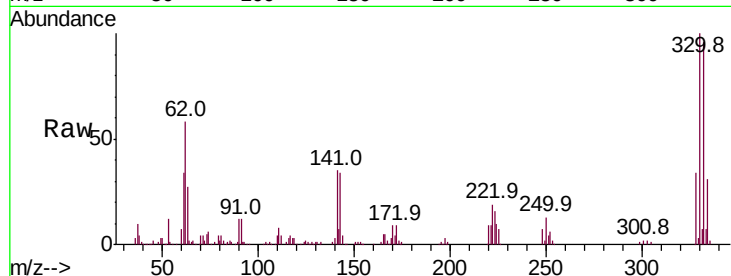
Tot Ion:330 Resp: 231277

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

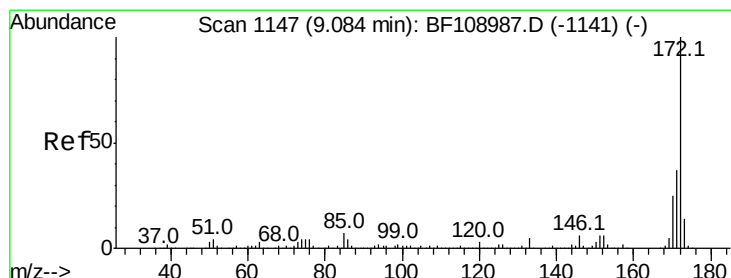
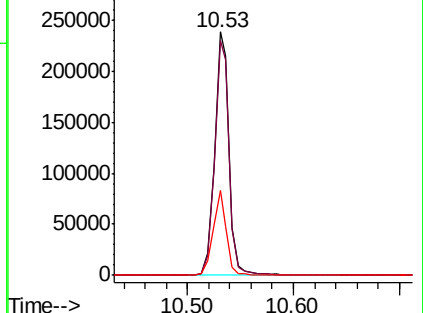
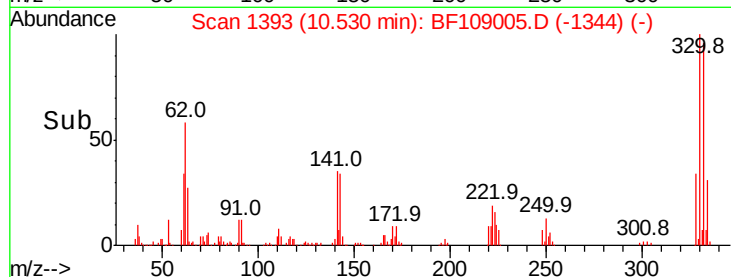
141 32.1 29.9 44.9



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: 47.161 ng

RT: 9.08 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF109005.D

Acq: 14 Sep 2018 19:58

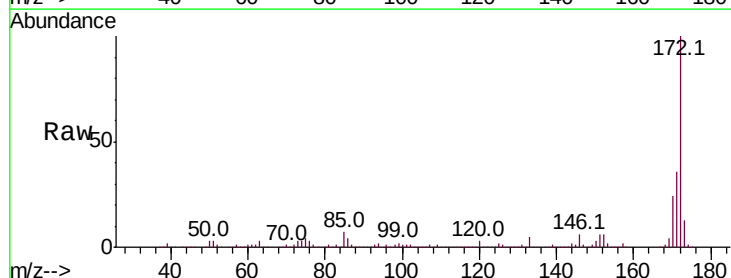
Tgt Ion:172 Resp: 901477

Ion Ratio Lower Upper

172 100

171 35.9 29.7 44.5

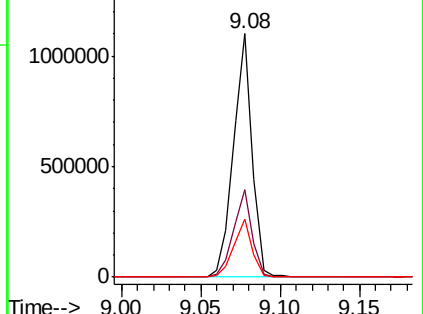
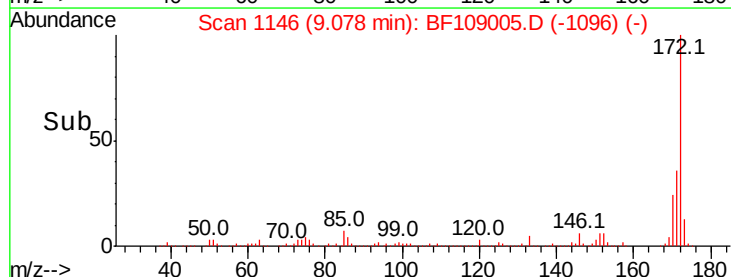
170 23.9 19.6 29.4

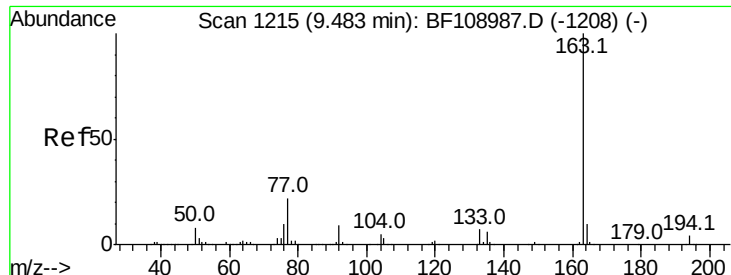


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.214 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF109005.D

Acq: 14 Sep 2018 19:58

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2

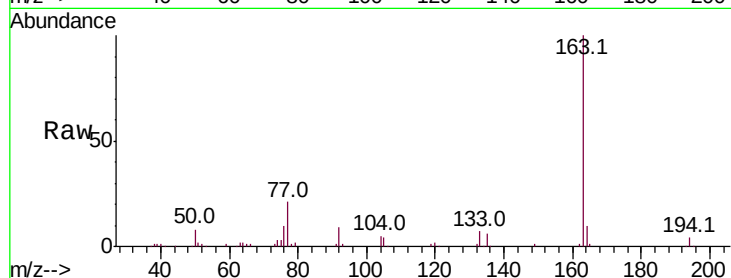
Tot Ion:163 Resp: 111596

Ion Ratio Lower Upper

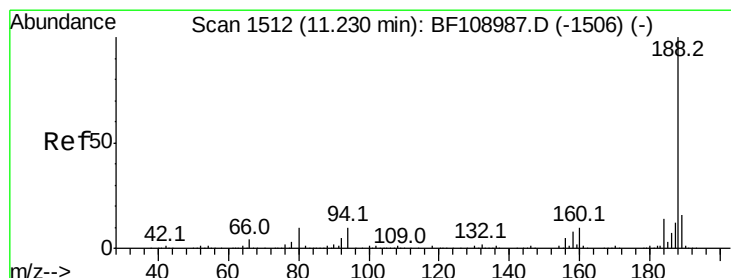
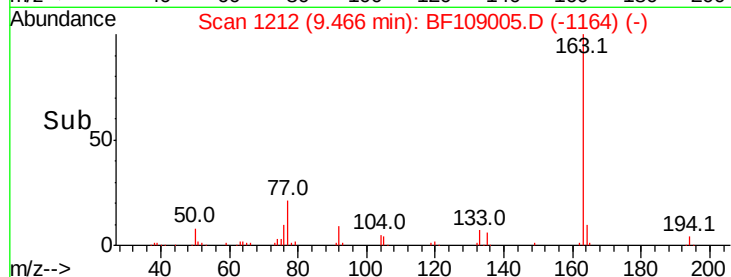
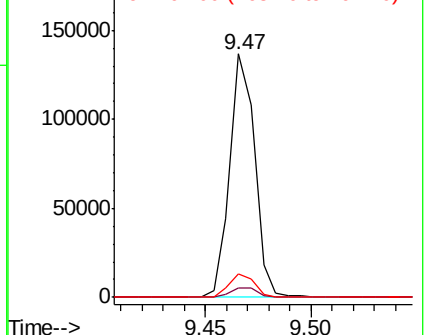
163 100

194 4.0 2.7 4.1

164 9.8 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# 1511

Delta R.T. -0.01 min

Lab File: BF109005.D

Acq: 14 Sep 2018 19:58

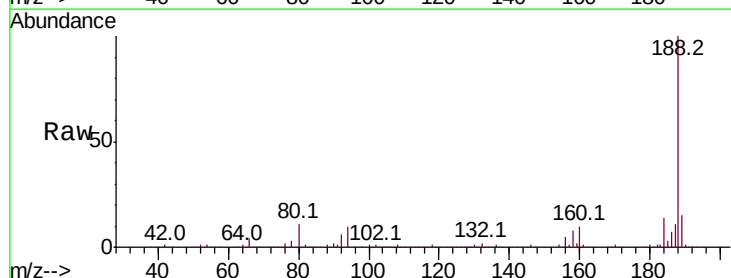
Tgt Ion:188 Resp: 599949

Ion Ratio Lower Upper

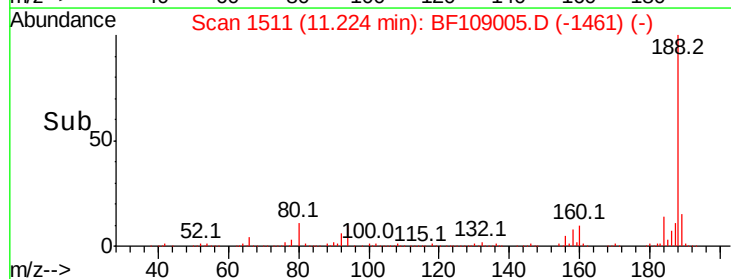
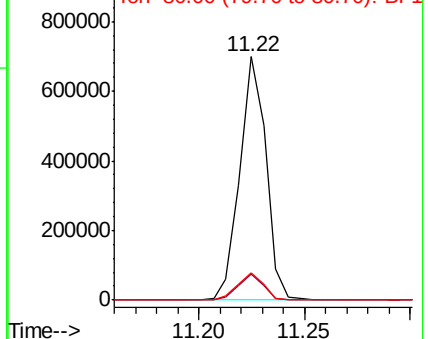
188 100

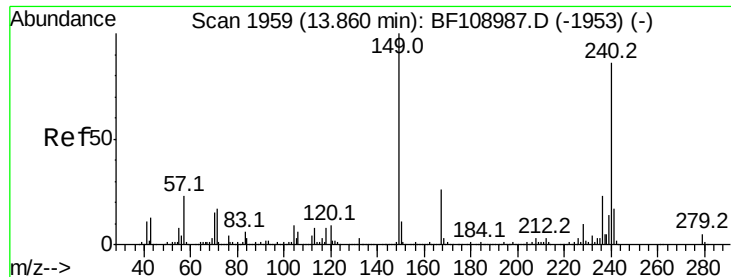
94 10.5 8.5 12.7

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: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109005.D

Acq: 14 Sep 2018 19:58

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2

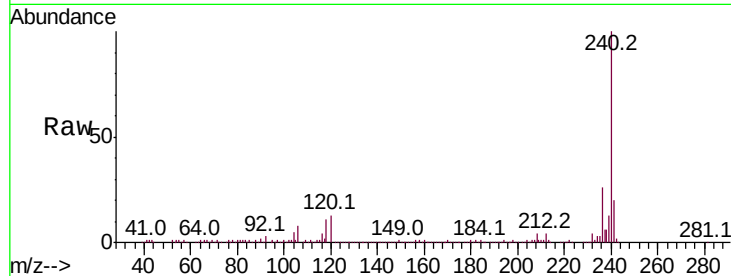
Tot Ion:240 Resp: 441734

Ion Ratio Lower Upper

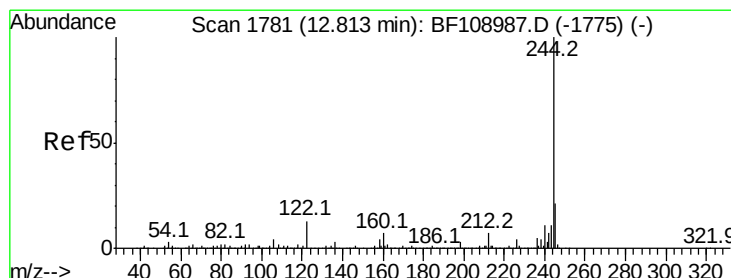
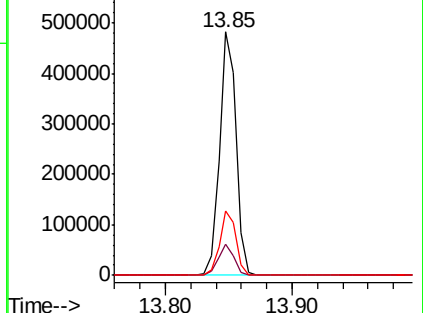
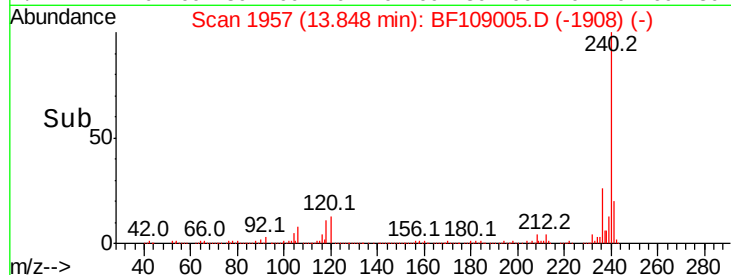
240 100

120 12.6 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: 50.137 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109005.D

Acq: 14 Sep 2018 19:58

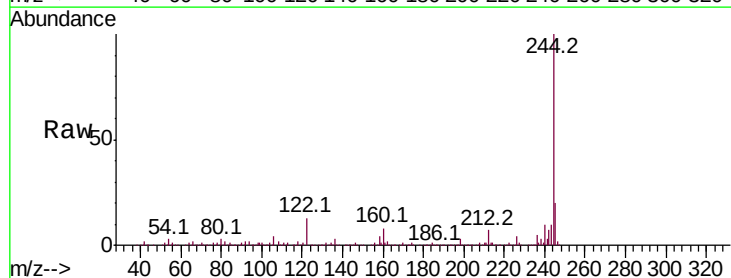
Tgt Ion:244 Resp: 934369

Ion Ratio Lower Upper

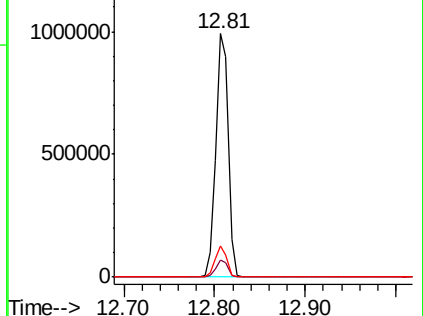
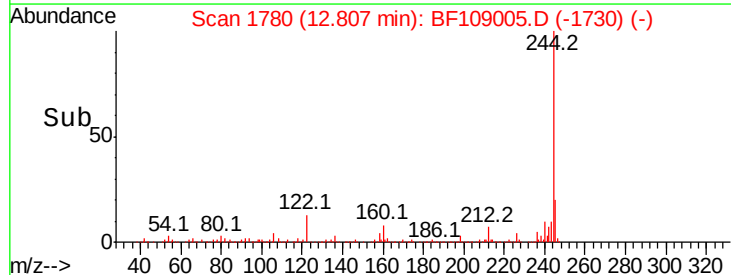
244 100

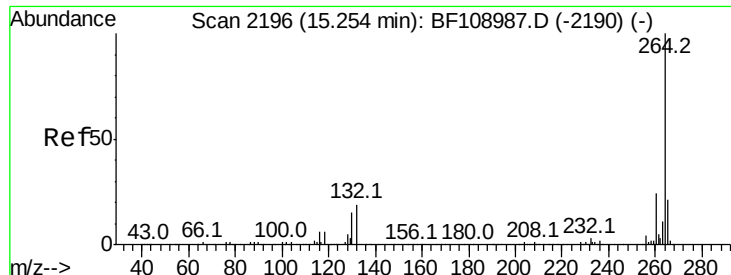
212 6.9 5.4 8.0

122 12.6 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

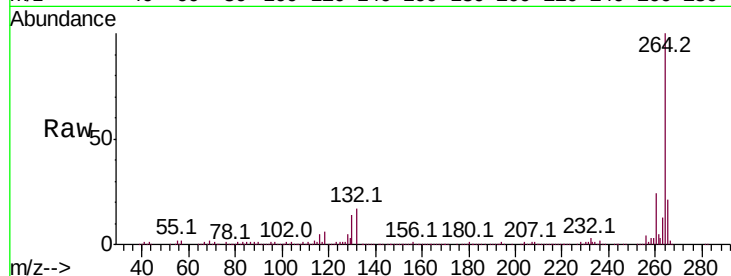




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109005.D
Acq: 14 Sep 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	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

