

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109004.D
 Acq On : 14 Sep 2018 19:31
 Operator : JU/SJ
 Sample : J4906-25
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-4

Quant Time: Sep 15 00:59:43 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

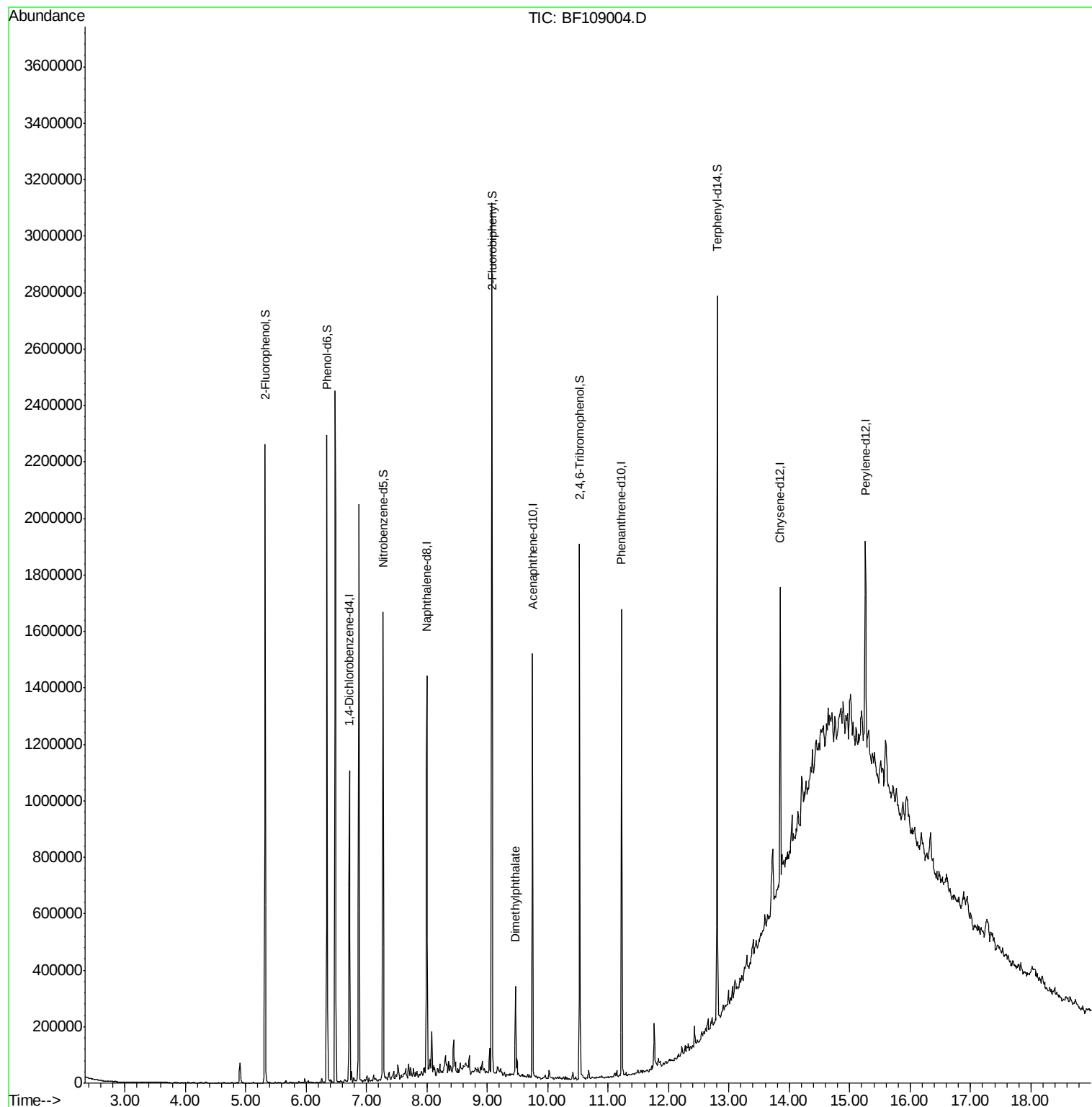
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147839	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	570792	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	282331	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	550586	20.00	ng	0.00
75) Chrysene-d12	13.85	240	377393	20.00	ng	-0.01
86) Perylene-d12	15.26	264	359132	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	626085	70.34	ng	0.00
7) Phenol-d6	6.35	99	827755	72.12	ng	-0.01
23) Nitrobenzene-d5	7.28	82	513052	50.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	227150	74.13	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	909936	50.49	ng	0.00
78) Terphenyl-d14	12.81	244	846651	53.18	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	114159	5.657	ng	Qvalue 99

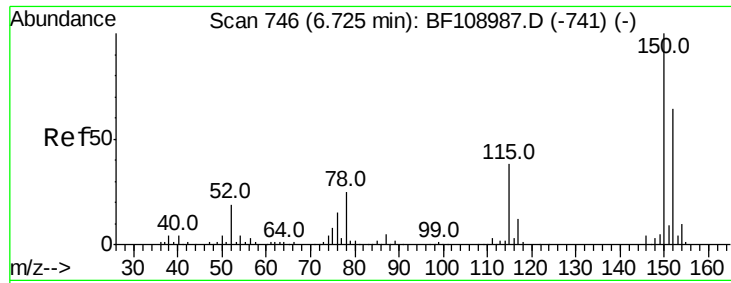
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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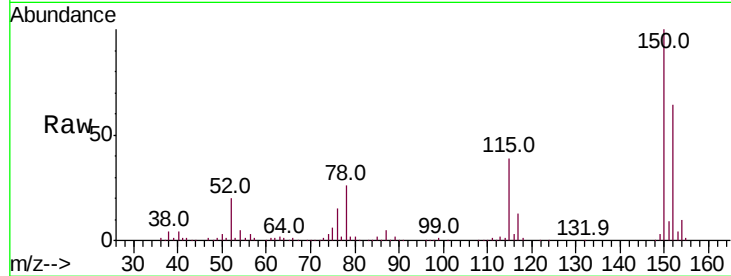


#1

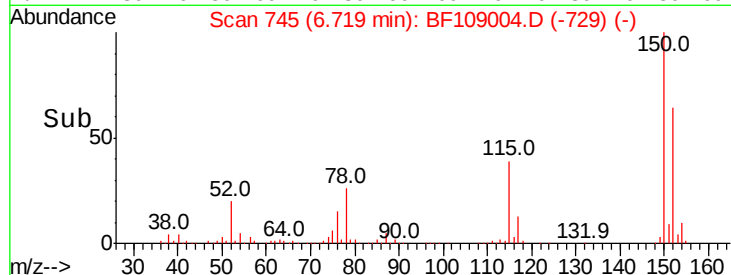
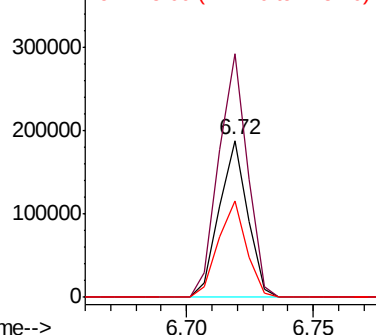
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109004.D
Acq: 14 Sep 2018 19:31

Instrument :
BNA_F
ClientSampled :
SP-PIT-4

Tot Ion:152 Resp: 147839
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 61.3 50.1 75.1



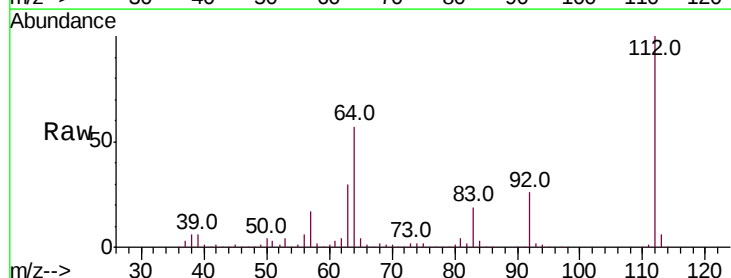
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



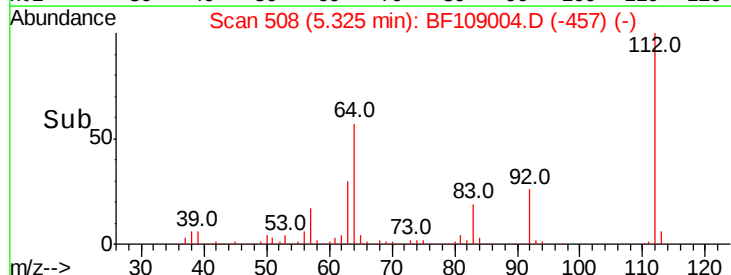
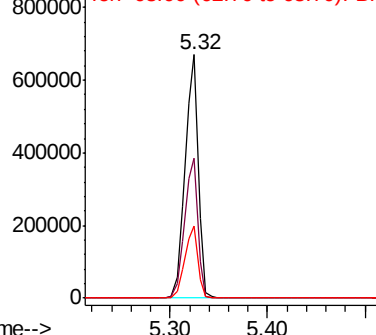
#5

2-Fluorophenol
Concen: 70.337 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109004.D
Acq: 14 Sep 2018 19:31

Tgt Ion:112 Resp: 626085
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 29.6 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: 72.119 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109004.D

Acq: 14 Sep 2018 19:31

Instrument :

BNA_F

ClientSampled :

SP-PIT-4

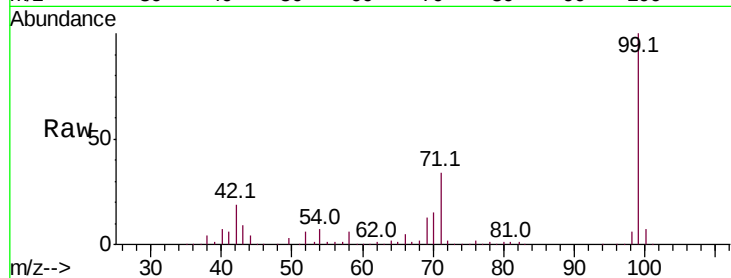
Tot Ion: 99 Resp: 827755

Ion Ratio Lower Upper

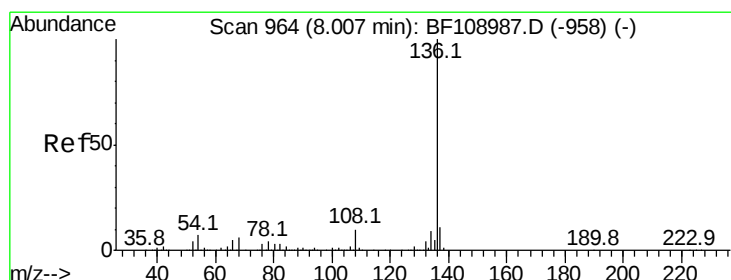
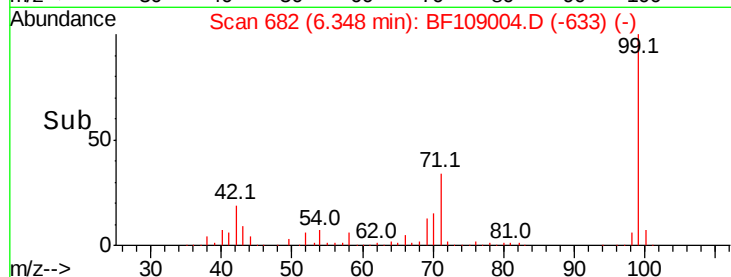
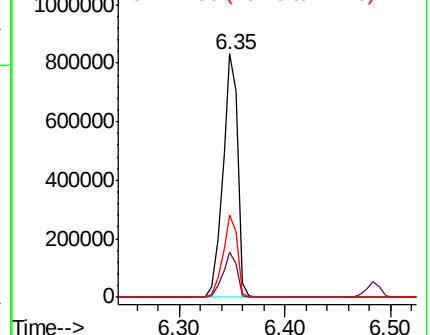
99 100

42 18.8 14.5 21.7

71 33.9 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: BF109004.D

Acq: 14 Sep 2018 19:31

Tgt Ion: 136 Resp: 570792

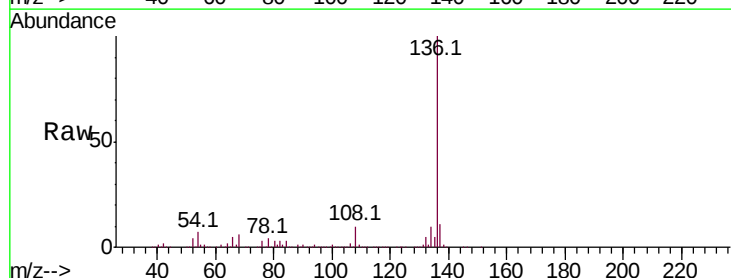
Ion Ratio Lower Upper

136 100

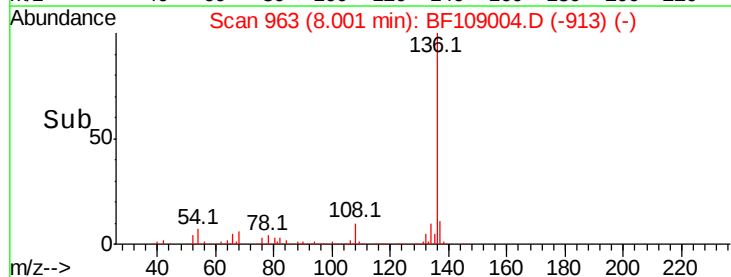
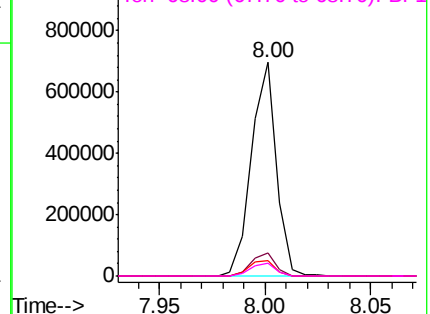
137 11.1 8.9 13.3

54 7.1 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

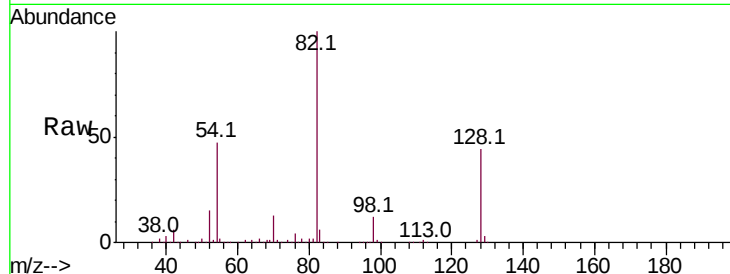




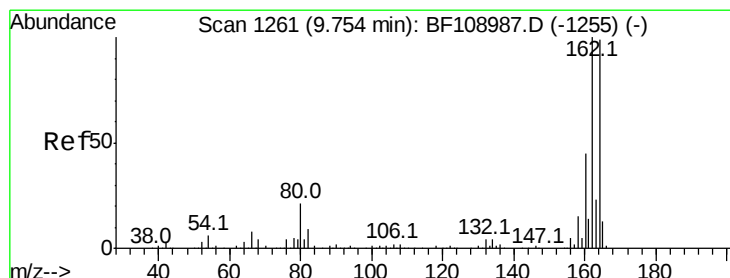
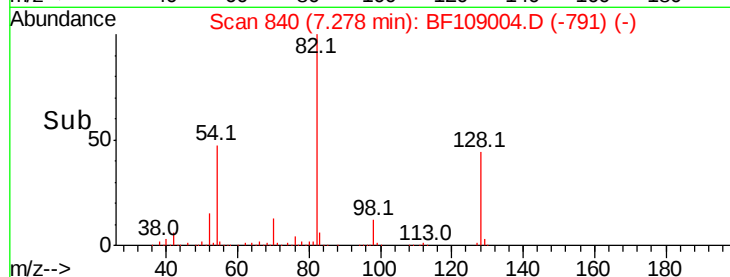
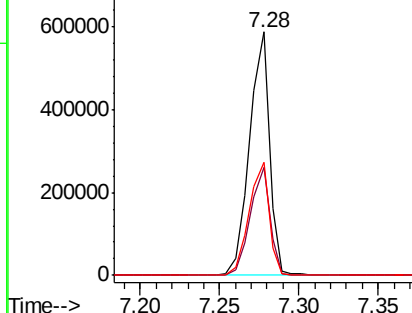
#23
Nitrobenzene-d5
Concen: 50.414 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109004.D
Acq: 14 Sep 2018 19:31

Instrument :
BNA_F
ClientSampled :
SP-PIT-4

Tot Ion	82	Resp	513052
Ion Ratio	100	Lower	Upper
128	44.1	36.1	54.1
54	46.6	41.4	62.2

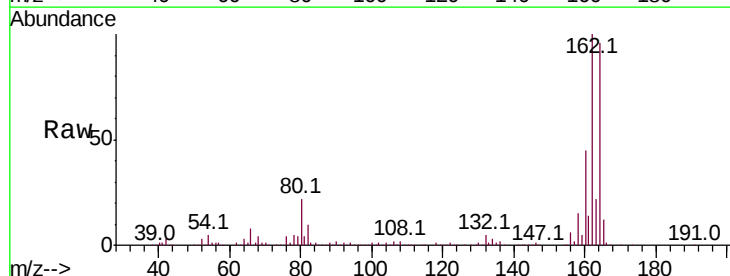


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

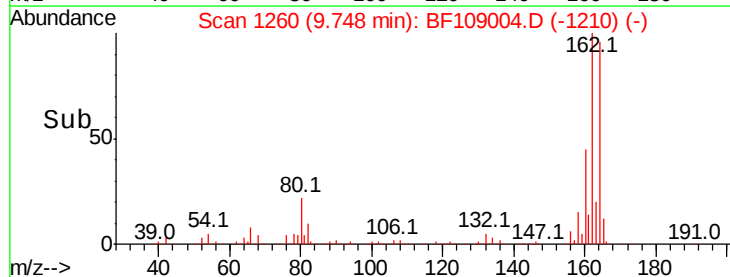
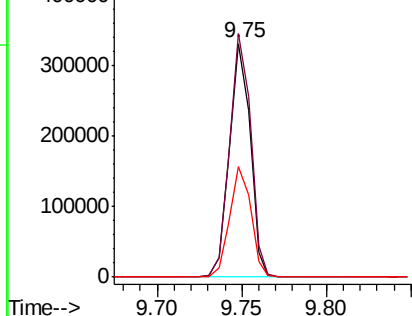


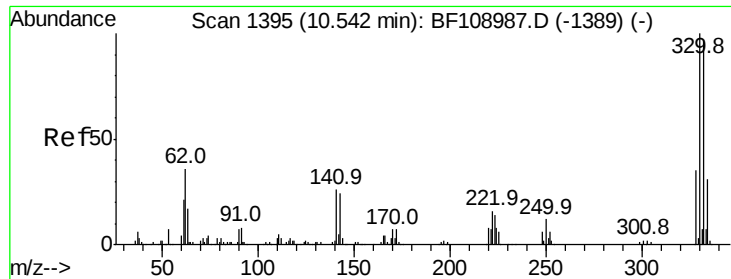
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109004.D
Acq: 14 Sep 2018 19:31

Tgt Ion	164	Resp	282331
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.2	86.1	129.1
160	47.2	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

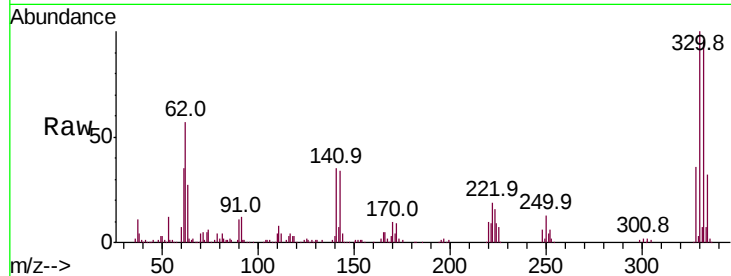




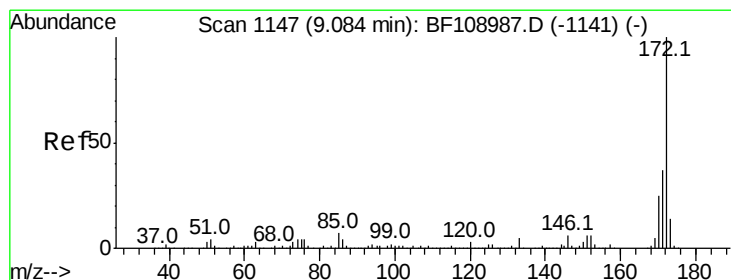
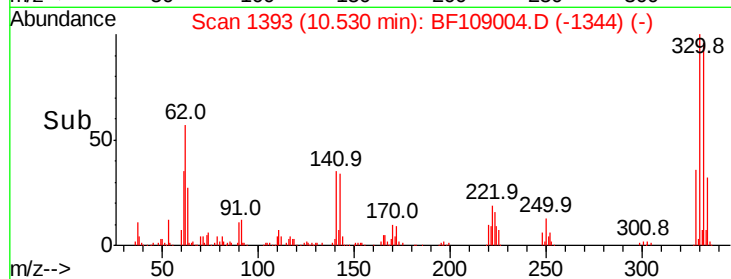
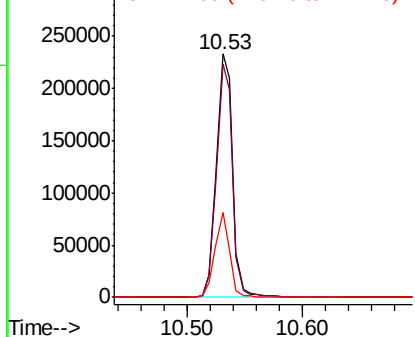
#41
 2,4,6-Tribromophenol
 Concen: 74.134 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109004.D
 Acq: 14 Sep 2018 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	32.0	29.9	44.9

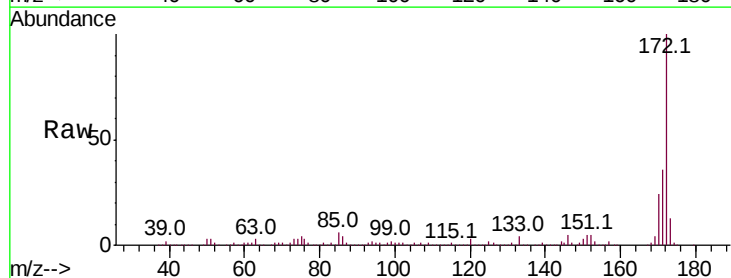


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

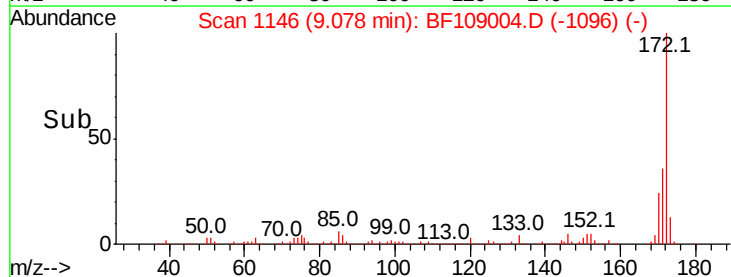
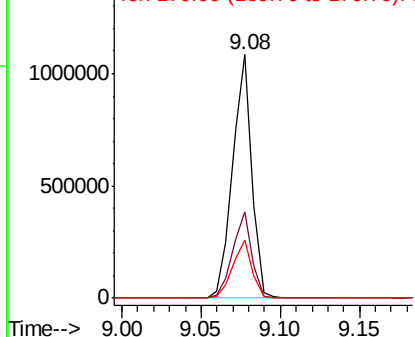


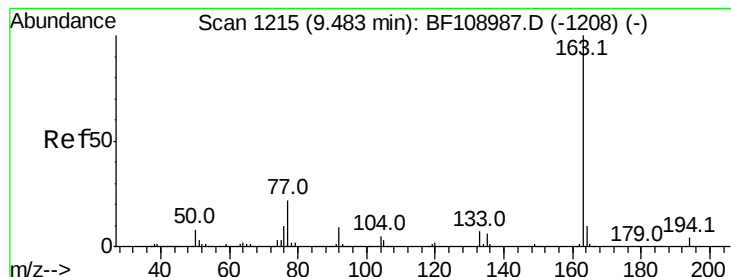
#44
 2-Fluorobiphenyl
 Concen: 50.495 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109004.D
 Acq: 14 Sep 2018 19:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	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: 5.657 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF109004.D

Acq: 14 Sep 2018 19:31

Instrument :

BNA_F

ClientSampled :

SP-PIT-4

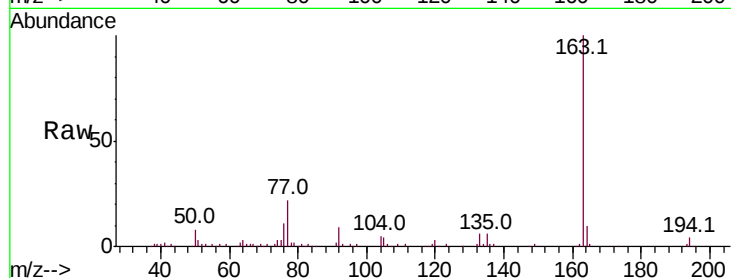
Tot Ion:163 Resp: 114159

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

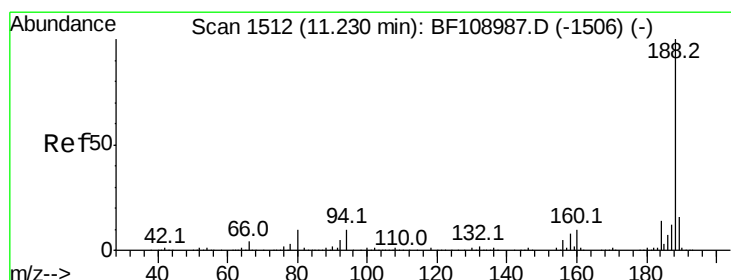
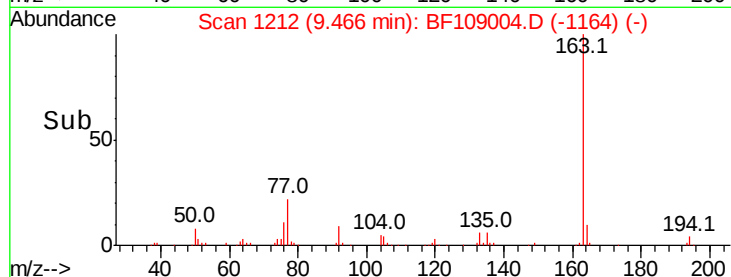
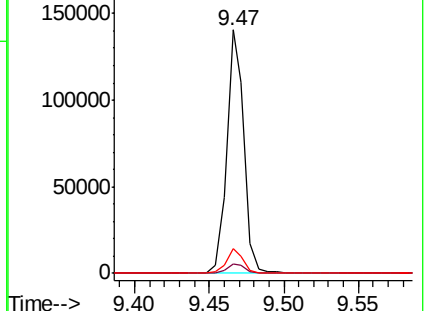
164 10.4 8.2 12.2



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: 11.22 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BF109004.D

Acq: 14 Sep 2018 19:31

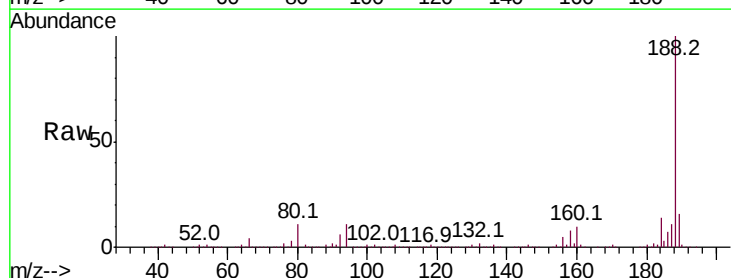
Tgt Ion:188 Resp: 550586

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

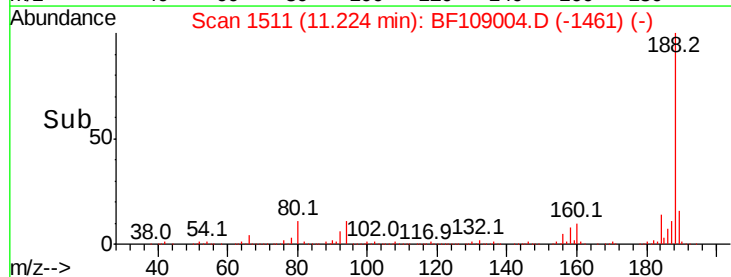
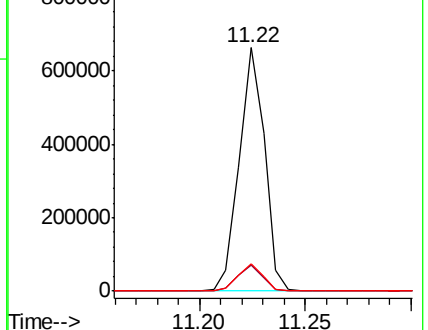
80 11.1 9.2 13.8

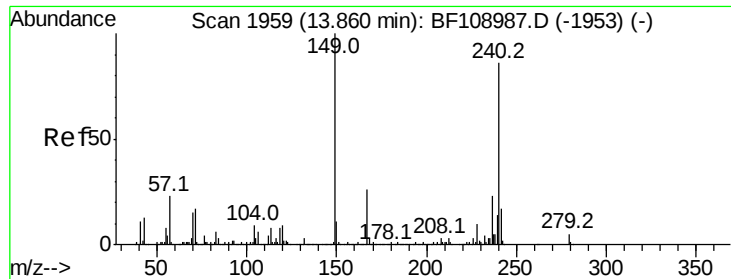


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF109004.D

Acq: 14 Sep 2018 19:31

Instrument :

BNA_F

ClientSampleId :

SP-PIT-4

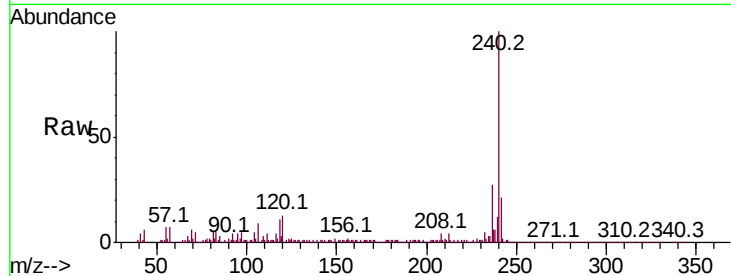
Tot Ion:240 Resp: 377393

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

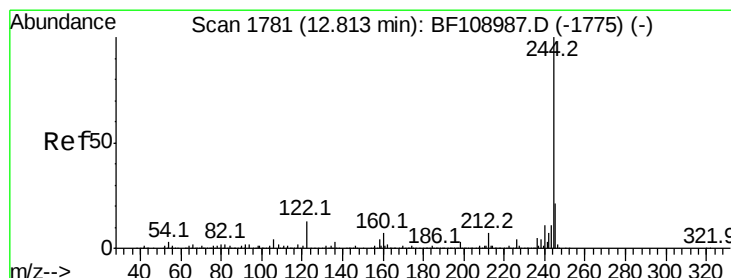
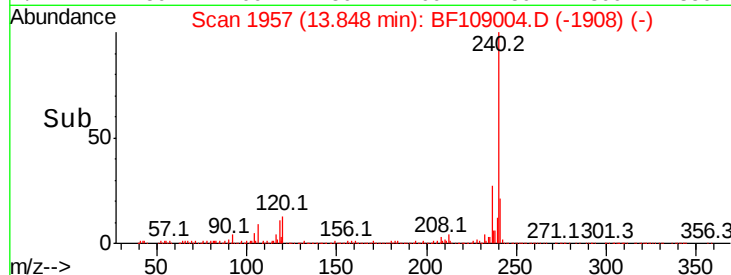
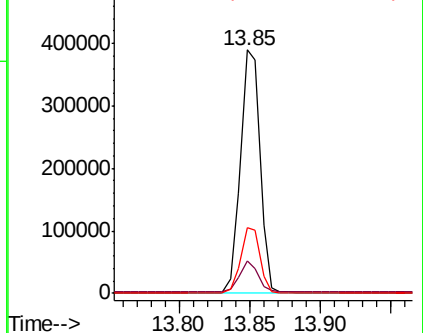
236 26.9 20.7 31.1



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: 53.175 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109004.D

Acq: 14 Sep 2018 19:31

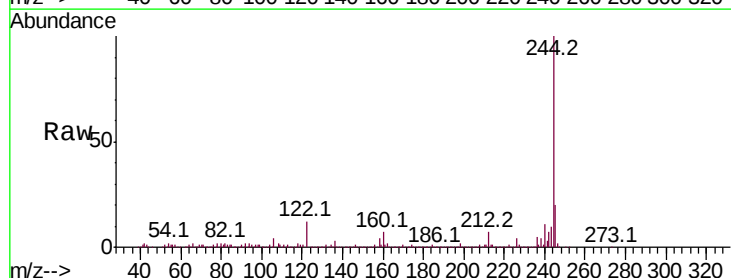
Tgt Ion:244 Resp: 846651

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

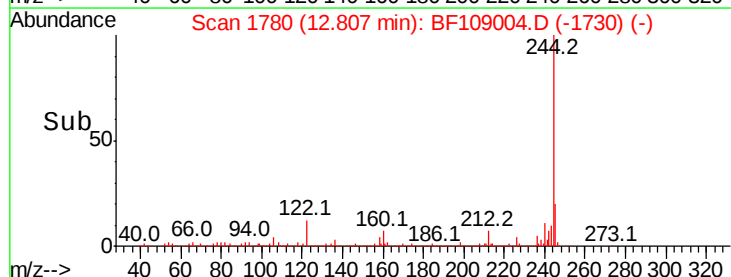
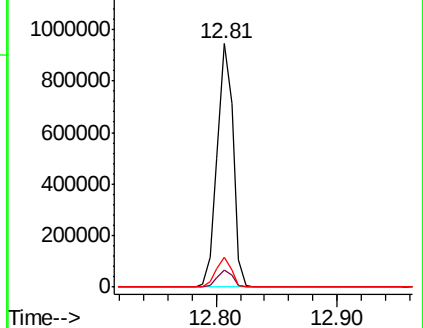
122 12.4 11.0 16.4

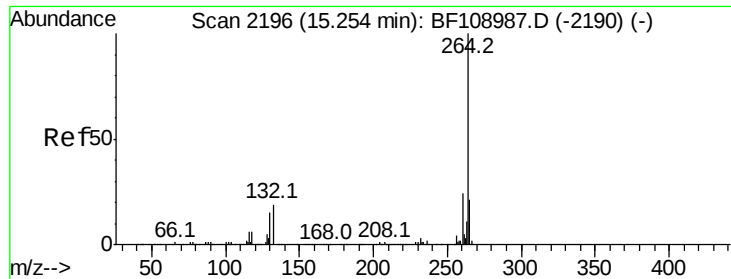


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

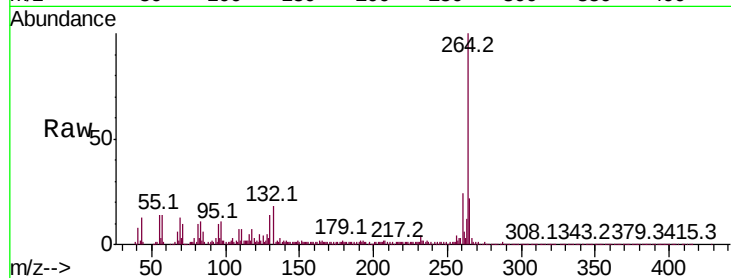




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109004.D
Acq: 14 Sep 2018 19:31

Instrument :
BNA_F
ClientSampleId :
SP-PIT-4

Tot Ion:	264	Resp:	359132
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.2	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

