

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109001.D
 Acq On : 14 Sep 2018 18:09
 Operator : JU/SJ
 Sample : J4906-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-1

Quant Time: Sep 14 18:44:08 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

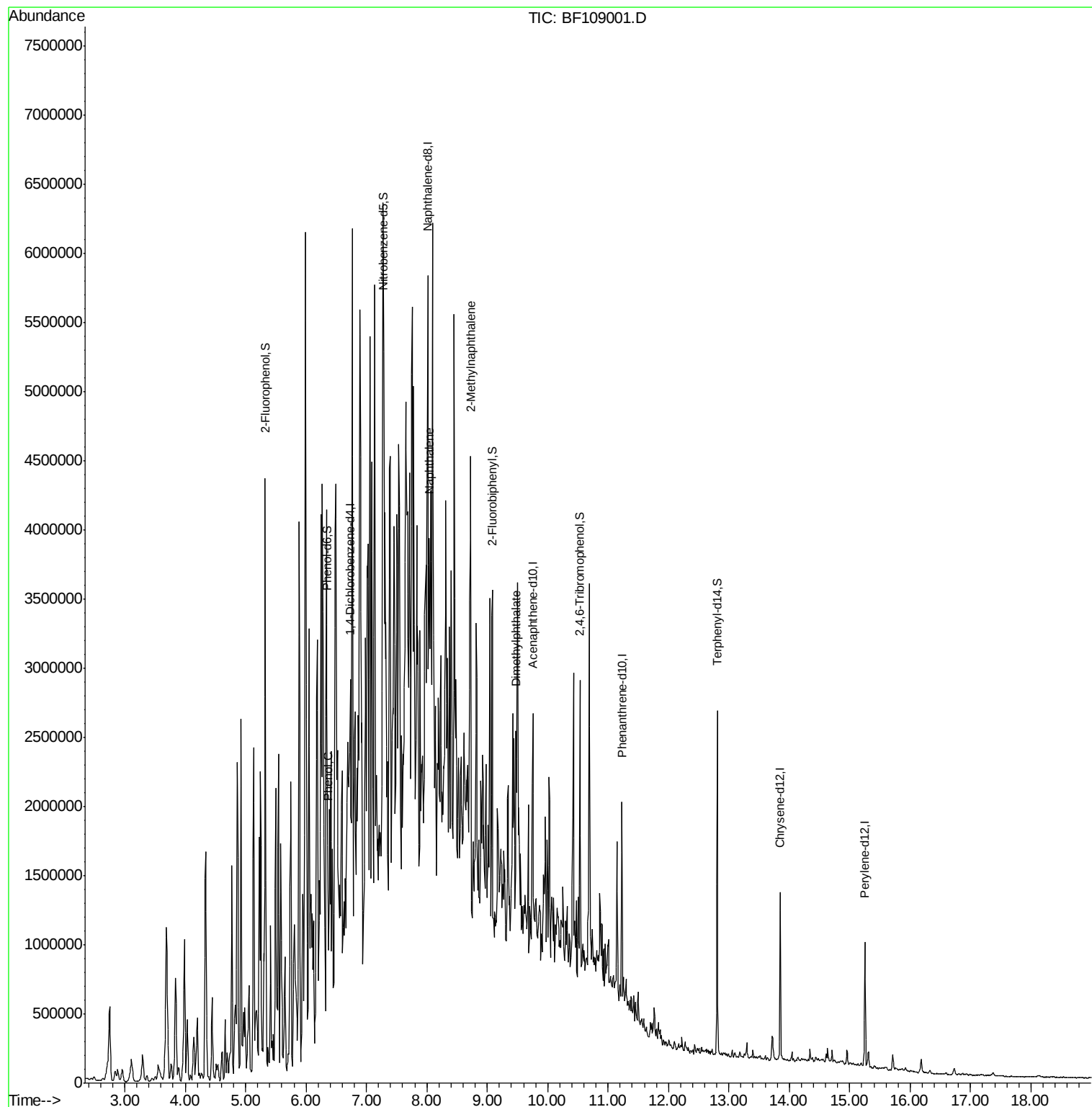
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	133045	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	399619	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	249187	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	510711	20.00	ng	0.00
75) Chrysene-d12	13.85	240	416012	20.00	ng	-0.01
86) Perylene-d12	15.25	264	388255	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	528812	66.01	ng	0.00
7) Phenol-d6	6.35	99	724597	70.15	ng	0.00
23) Nitrobenzene-d5	7.28	82	492686	69.15	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	190508	70.45	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	767542	48.26	ng	0.00
78) Terphenyl-d14	12.81	244	842565	48.01	ng	0.00
Target Compounds						
10) Phenol	6.37	94	32321	2.781	ng	92
31) Naphthalene	8.03	128	328961	17.736	ng	# 91
37) 2-Methylnaphthalene	8.72	142	889433	73.564	ng	97
49) Dimethylphthalate	9.47	163	96711	5.430	ng	# 81

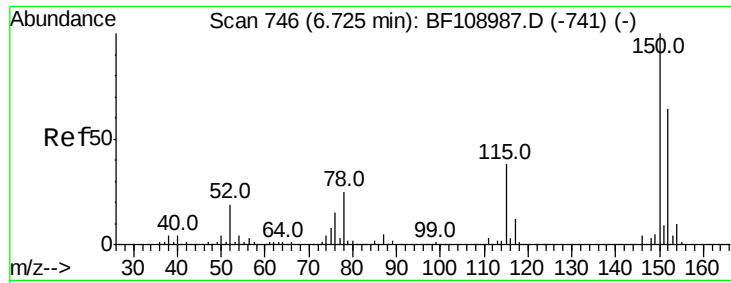
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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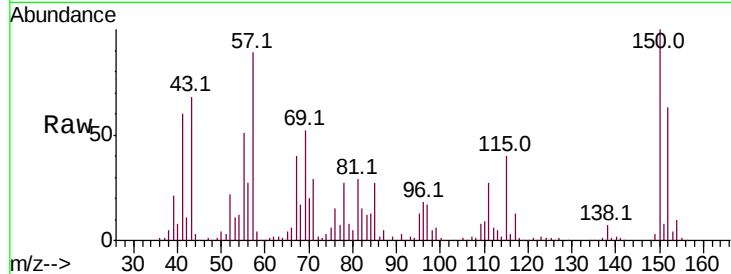


#1

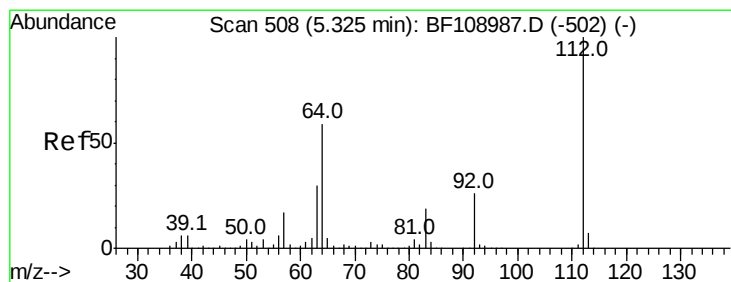
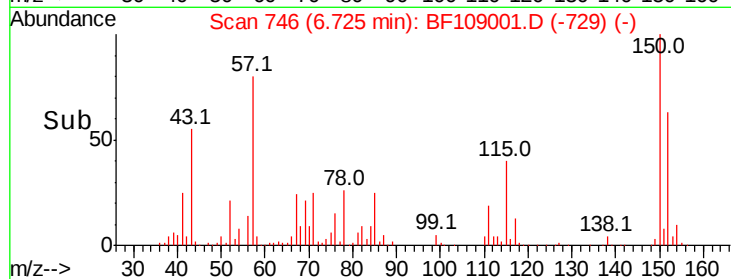
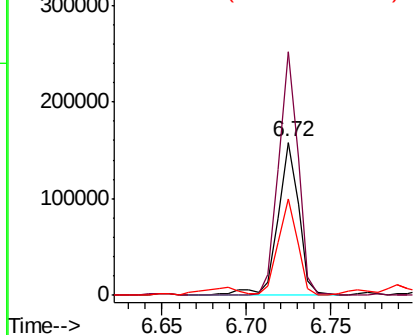
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF109001.D
Acq: 14 Sep 2018 18:09

Instrument :
BNA_F
ClientSampleId :
SP-PIT-1

Tot Ion:152 Resp: 133045
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 63.3 50.1 75.1



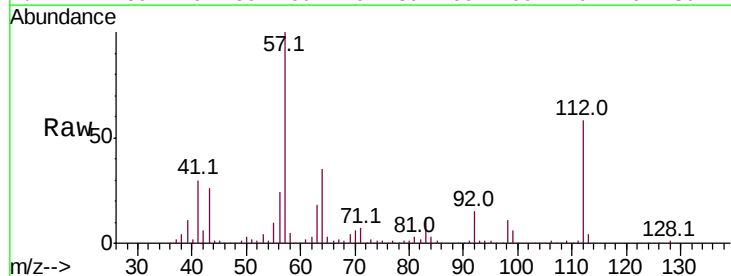
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



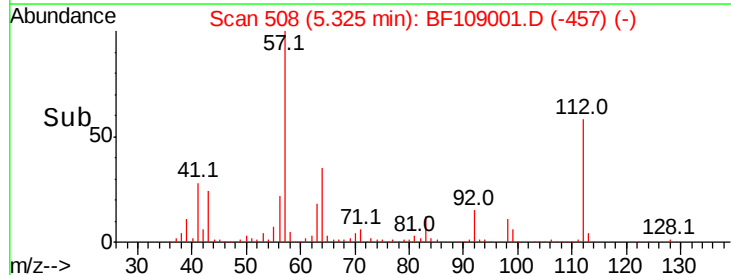
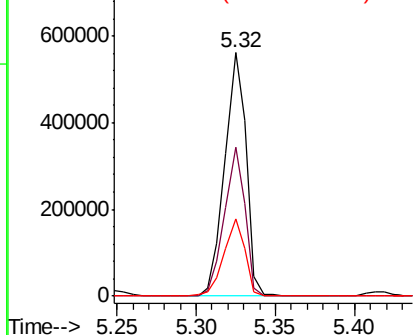
#5

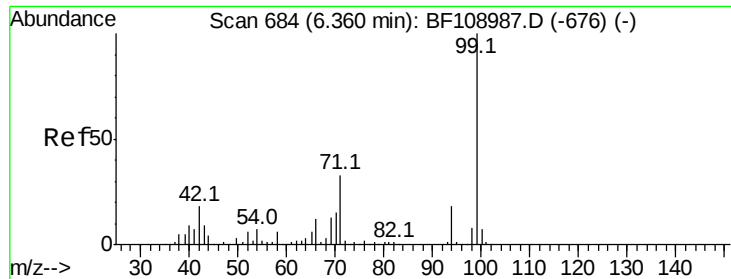
2-Fluorophenol
Concen: 66.015 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109001.D
Acq: 14 Sep 2018 18:09

Tgt Ion:112 Resp: 528812
Ion Ratio Lower Upper
112 100
64 61.3 47.9 71.9
63 31.5 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: 70.151 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109001.D

Acq: 14 Sep 2018 18:09

Instrument :

BNA_F

ClientSampleId :

SP-PIT-1

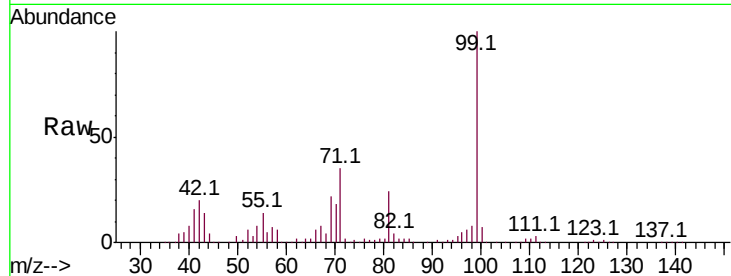
Tot Ion: 99 Resp: 724597

Ion Ratio Lower Upper

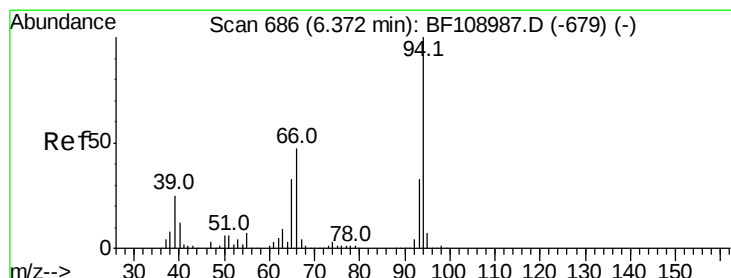
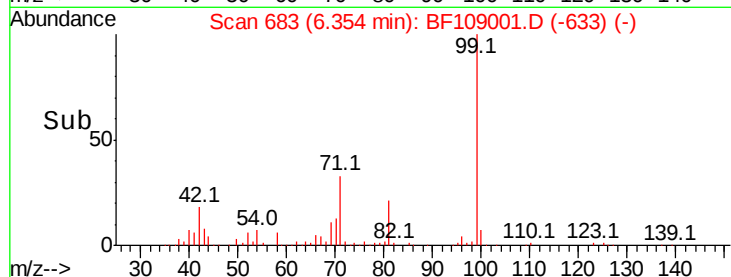
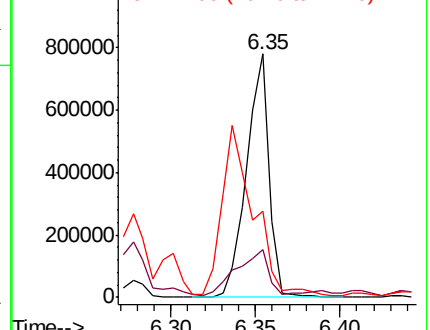
99 100

42 19.9 14.5 21.7

71 35.4 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



#10

Phenol

Concen: 2.781 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF109001.D

Acq: 14 Sep 2018 18:09

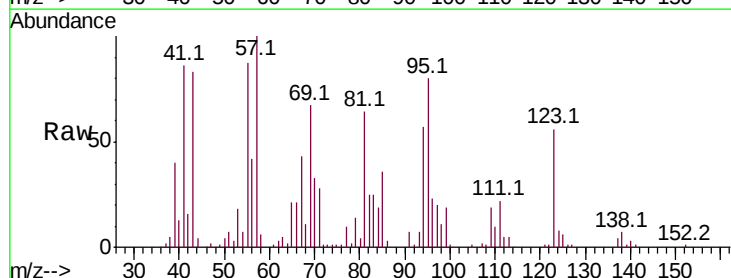
Tgt Ion: 94 Resp: 32321

Ion Ratio Lower Upper

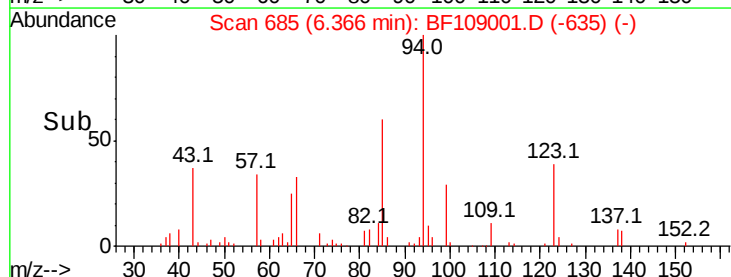
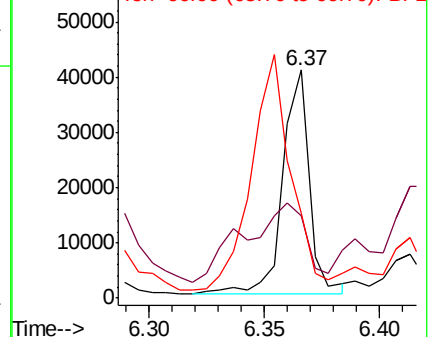
94 100

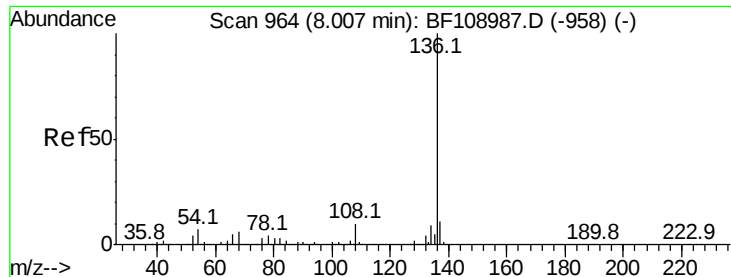
65 36.3 7.9 47.9

66 37.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF109001.D

Acq: 14 Sep 2018 18:09

Instrument :

BNA_F

ClientSampleId :

SP-PIT-1

Tot Ion:136 Resp: 399619

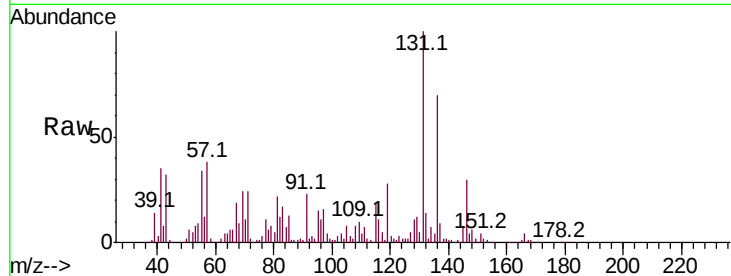
Ion Ratio Lower Upper

136 100

137 12.6 8.9 13.3

54 12.7 6.6 9.8#

68 13.3 5.0 7.4#

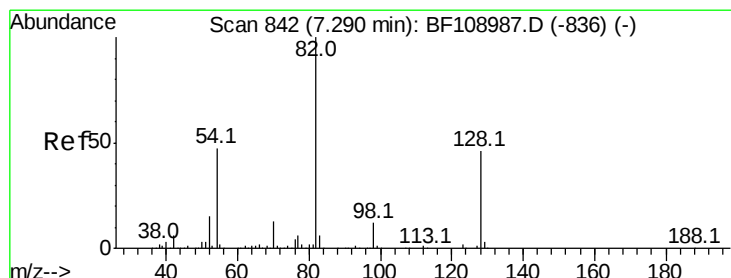
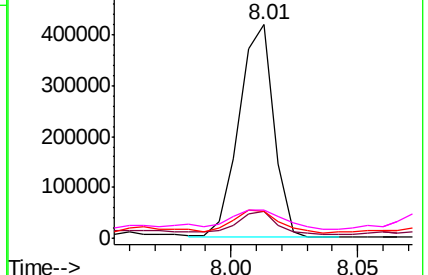
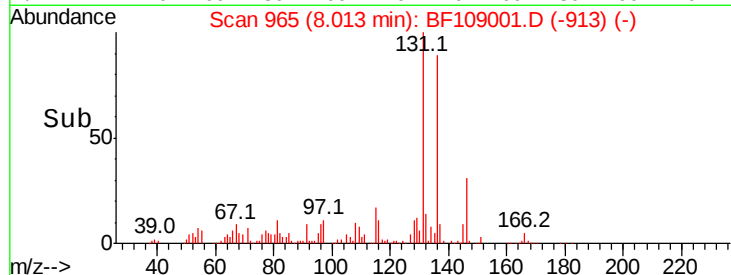


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.151 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF109001.D

Acq: 14 Sep 2018 18:09

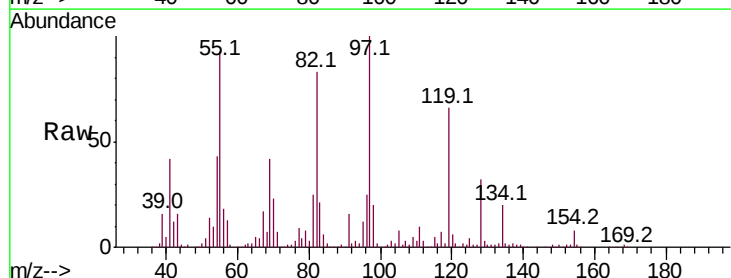
Tgt Ion: 82 Resp: 492686

Ion Ratio Lower Upper

82 100

128 38.9 36.1 54.1

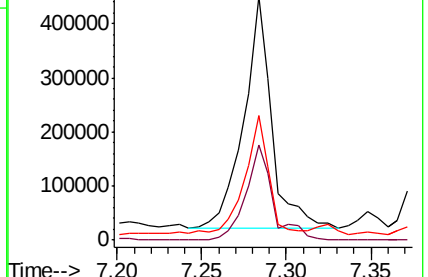
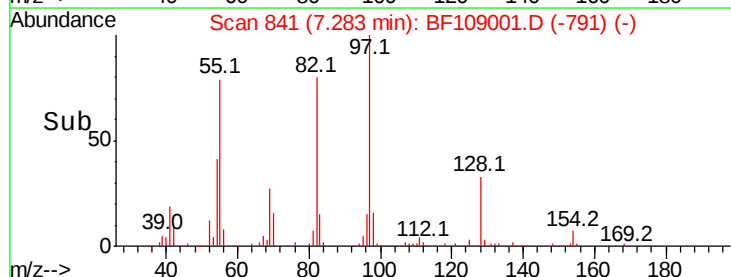
54 51.2 41.4 62.2

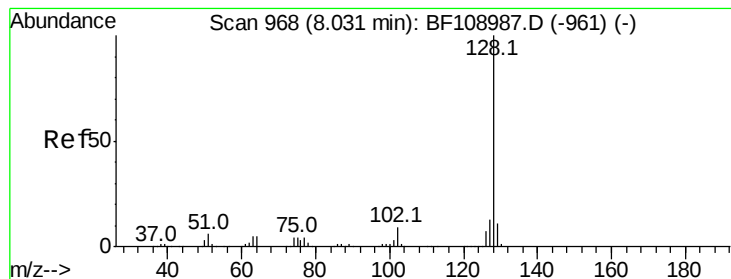


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 17.736 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF109001.D

Acq: 14 Sep 2018 18:09

Instrument :

BNA_F

ClientSampleId :

SP-PIT-1

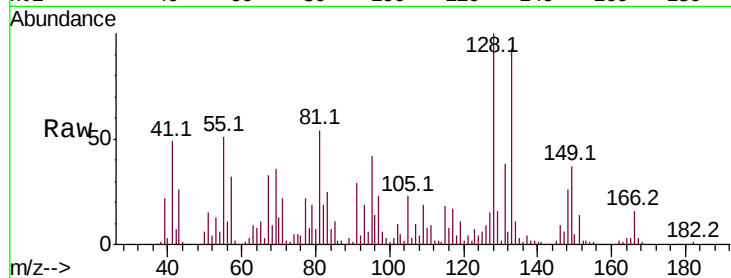
Tot Ion:128 Resp: 328961

Ion Ratio Lower Upper

128 100

129 16.3 8.8 13.2#

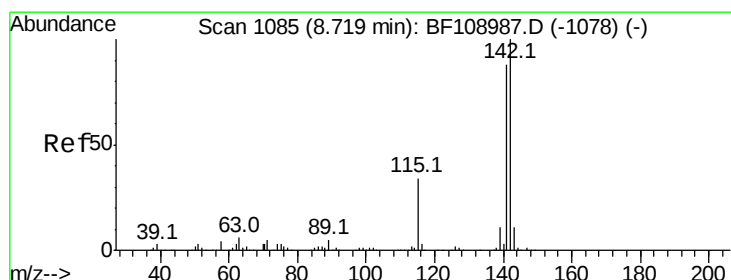
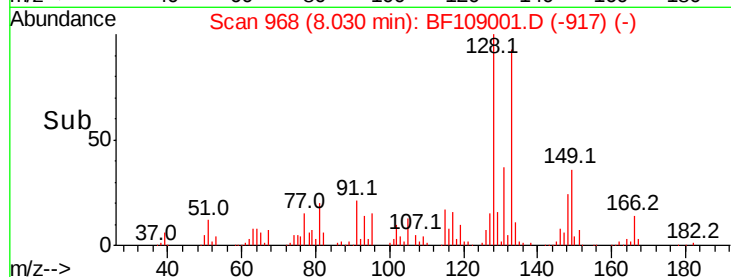
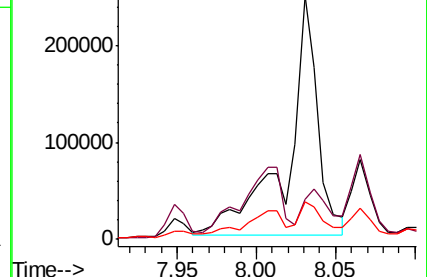
127 15.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 73.564 ng

RT: 8.72 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BF109001.D

Acq: 14 Sep 2018 18:09

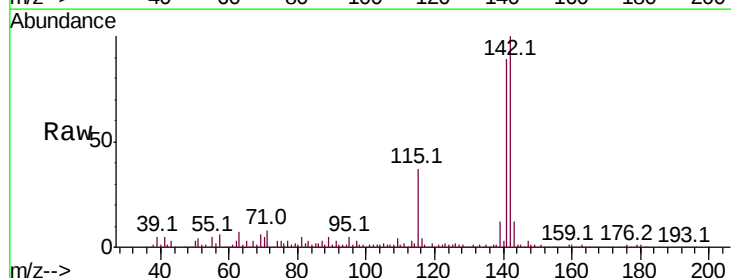
Tgt Ion:142 Resp: 889433

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2

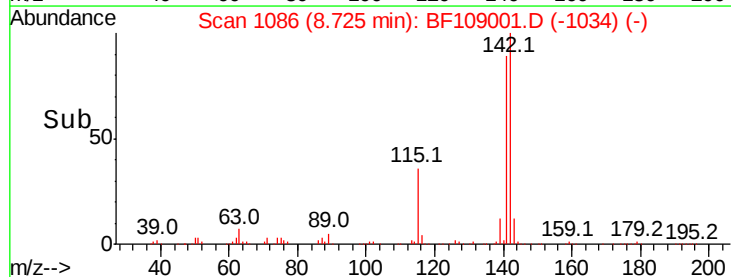
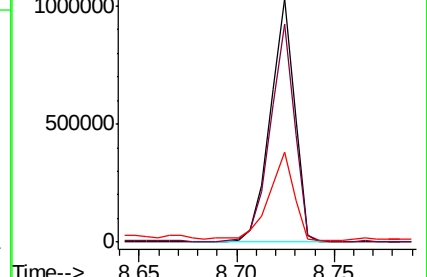
115 36.8 26.1 39.1

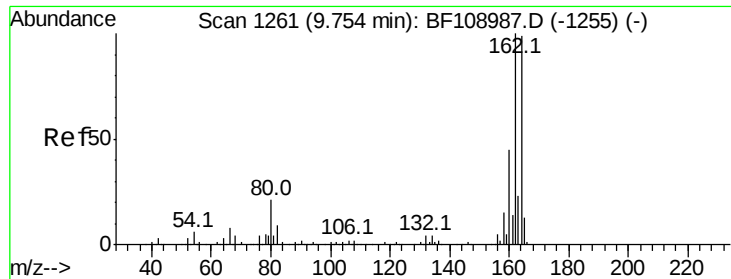


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

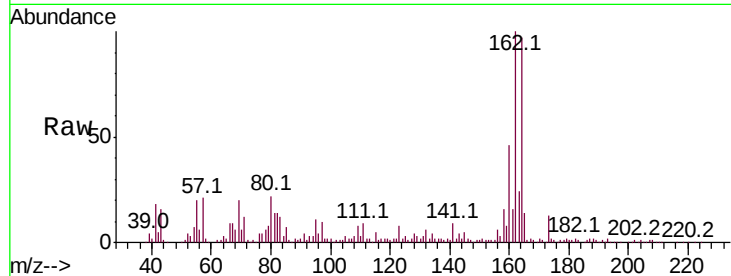




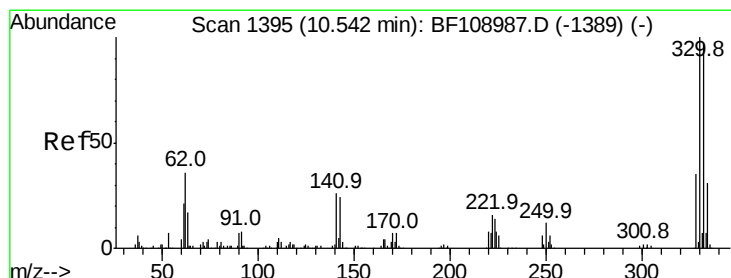
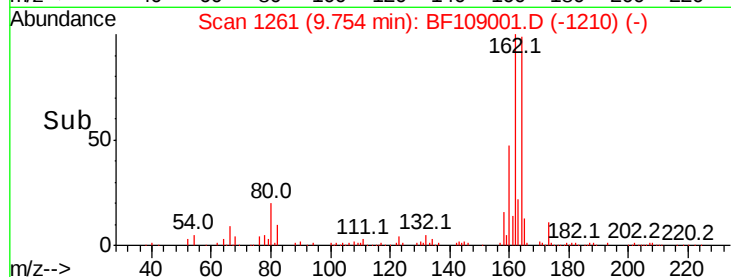
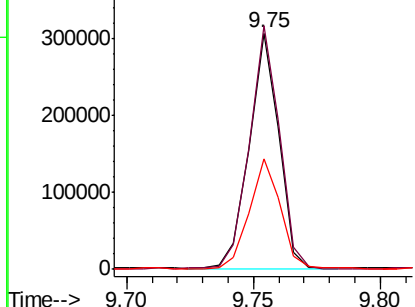
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF109001.D
 Acq: 14 Sep 2018 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	47.0	38.3	57.5

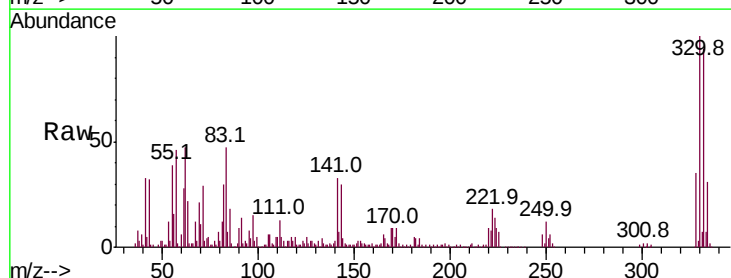


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

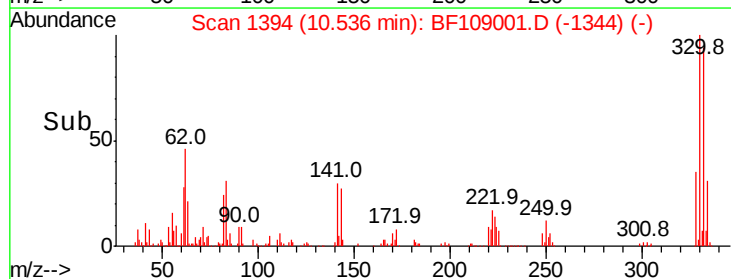
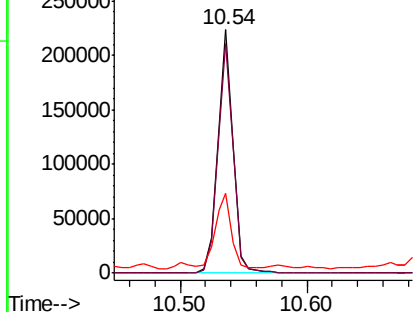


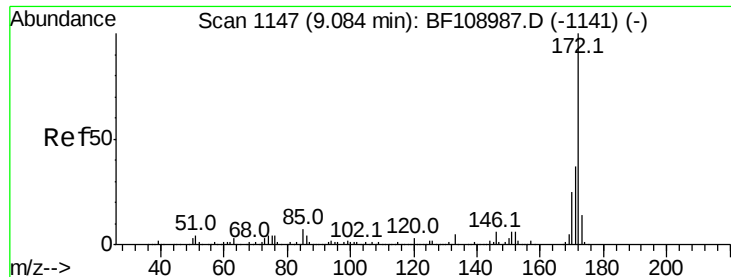
#41
 2,4,6-Tribromophenol
 Concen: 70.445 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109001.D
 Acq: 14 Sep 2018 18:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	31.9	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

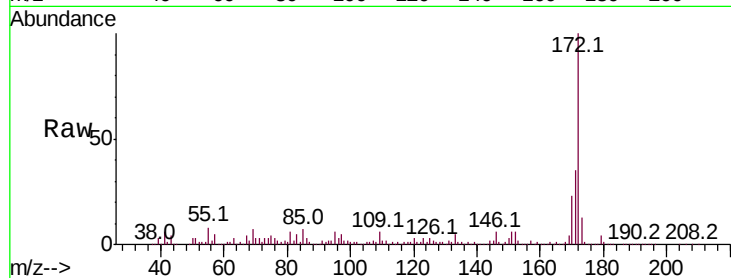




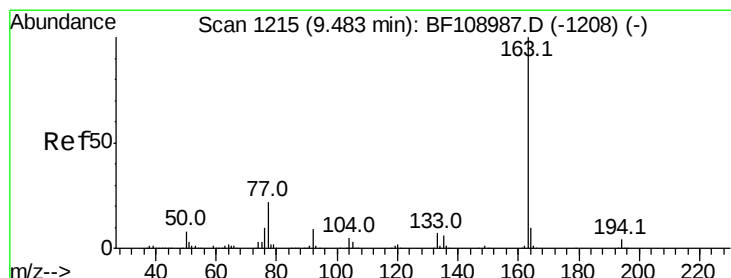
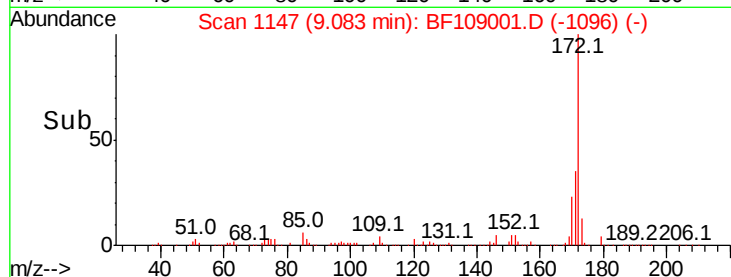
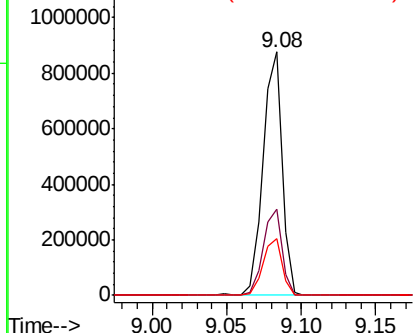
#44
2-Fluorobiphenyl
Concen: 48.258 ng
RT: 9.08 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF109001.D
Acq: 14 Sep 2018 18:09

Instrument :
BNA_F
ClientSampleId :
SP-PIT-1

Tot Ion:172 Resp: 767542
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.3 19.6 29.4

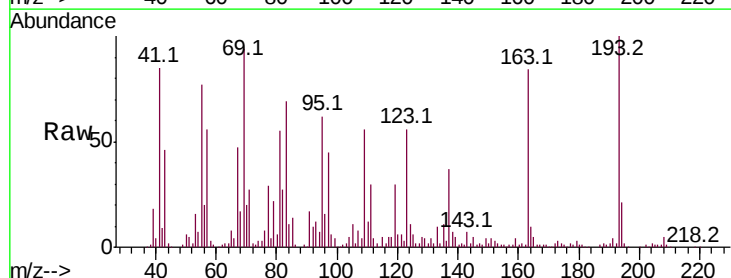


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

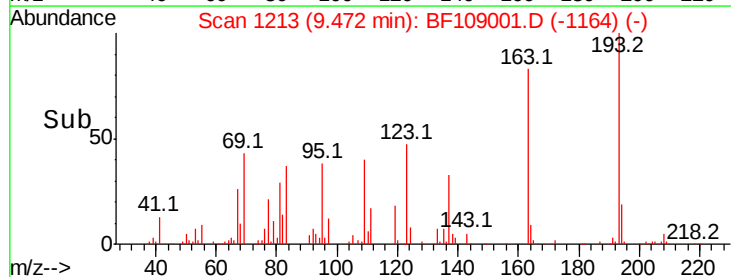
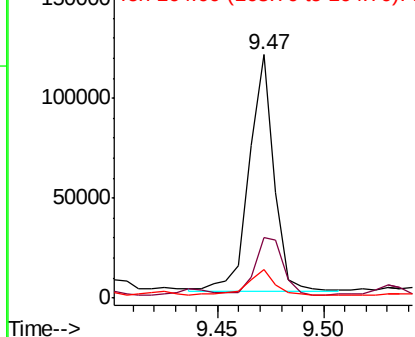


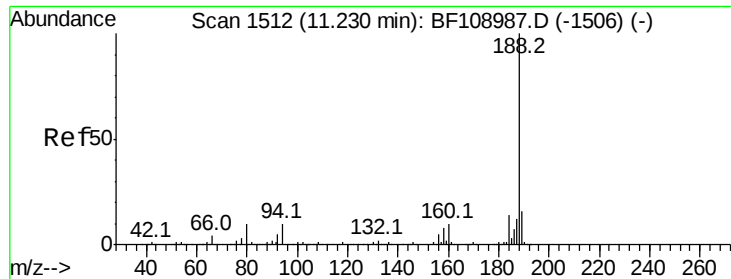
#49
Dimethylphthalate
Concen: 5.430 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109001.D
Acq: 14 Sep 2018 18:09

Tgt Ion:163 Resp: 96711
Ion Ratio Lower Upper
163 100
194 25.0 2.7 4.1#
164 11.5 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

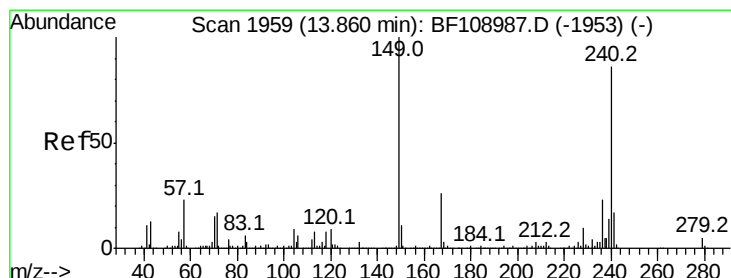
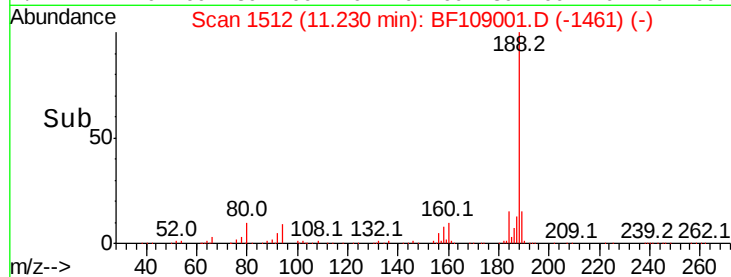
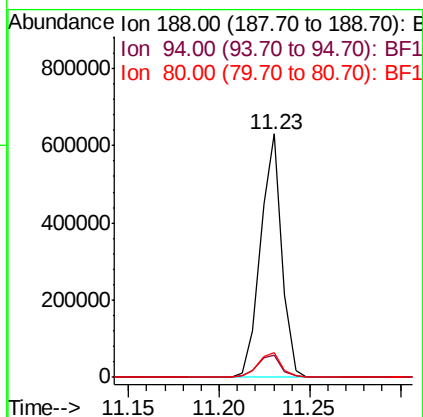
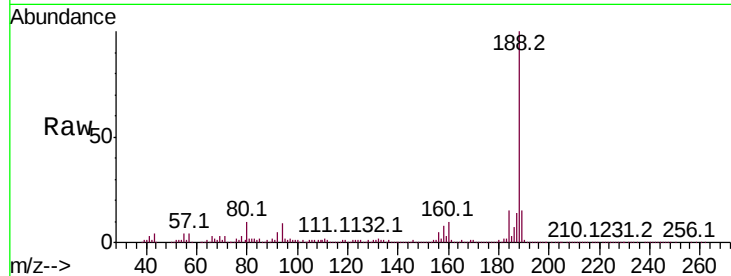




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109001.D
Acq: 14 Sep 2018 18:09

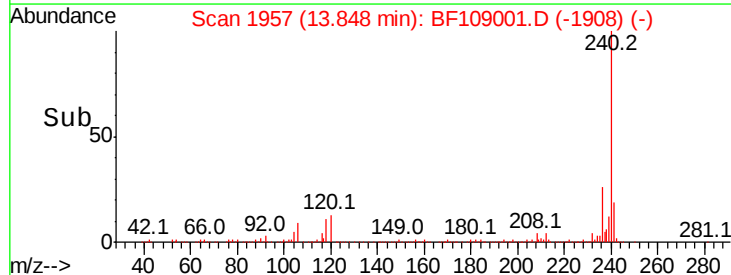
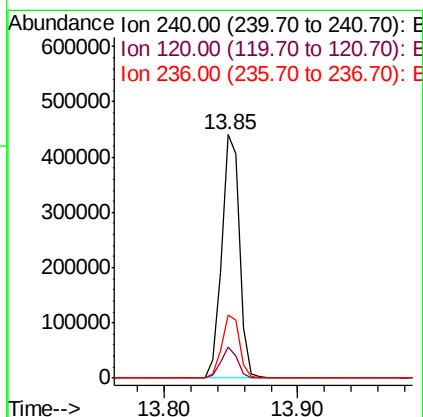
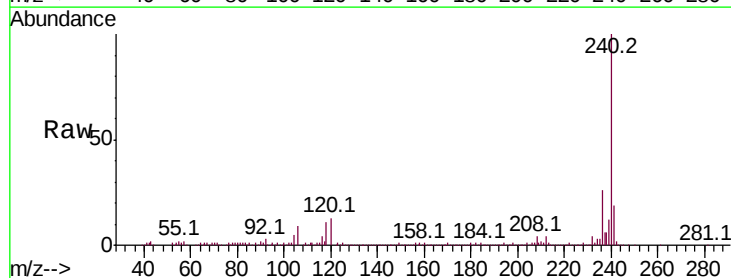
Instrument :
BNA_F
ClientSampleId :
SP-PIT-1

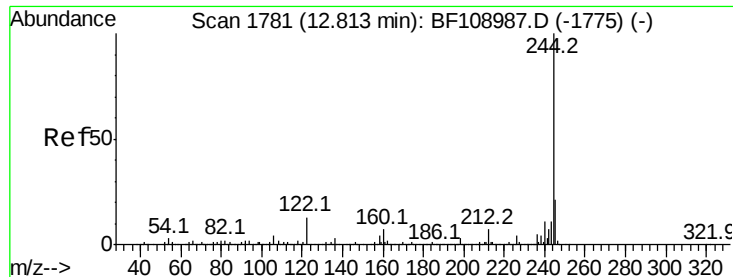
Tot Ion:188 Resp: 510711
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109001.D
Acq: 14 Sep 2018 18:09

Tgt Ion:240 Resp: 416012
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 48.006 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109001.D

Acq: 14 Sep 2018 18:09

Instrument :

BNA_F

ClientSampleId :

SP-PIT-1

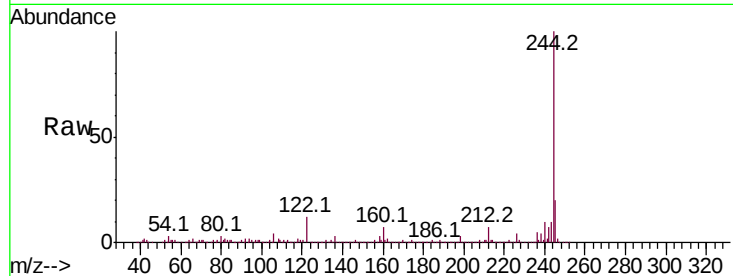
Tot Ion:244 Resp: 842565

Ion Ratio Lower Upper

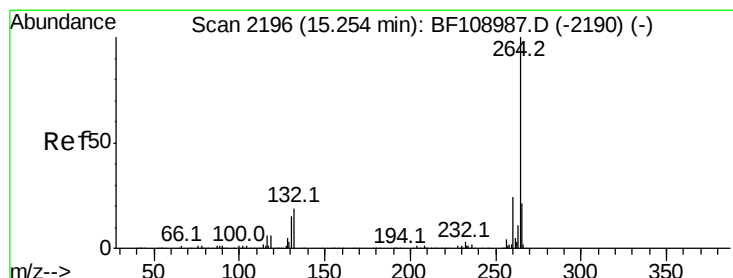
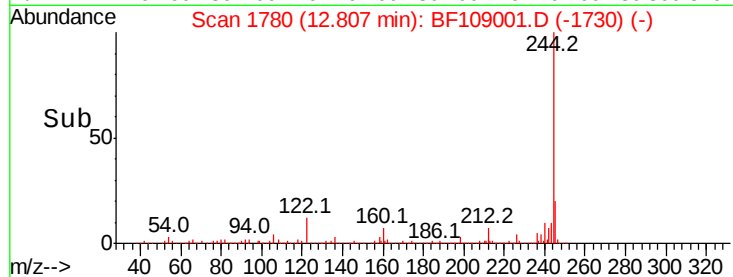
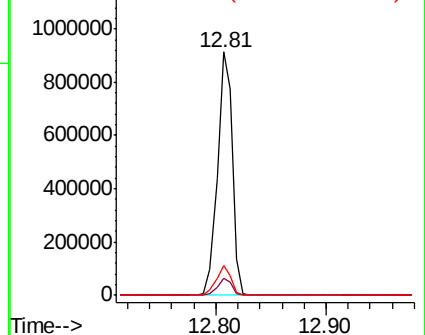
244 100

212 7.2 5.4 8.0

122 12.3 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

Perylene-d12

Concen: 20.000 ng

RT: 15.25 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BF109001.D

Acq: 14 Sep 2018 18:09

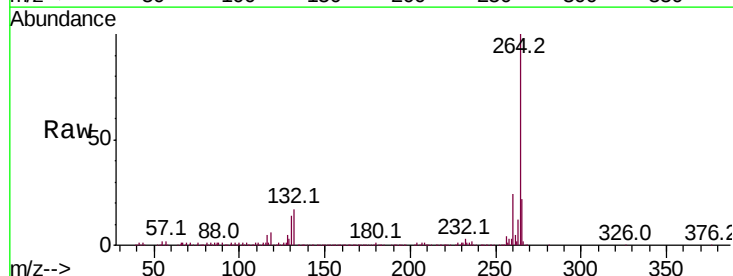
Tgt Ion:264 Resp: 388255

Ion Ratio Lower Upper

264 100

260 24.2 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

