

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108449.D
 Acq On : 24 Aug 2018 5:04
 Operator : JU/SJ
 Sample : J4535-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-042

Quant Time: Aug 24 05:59:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

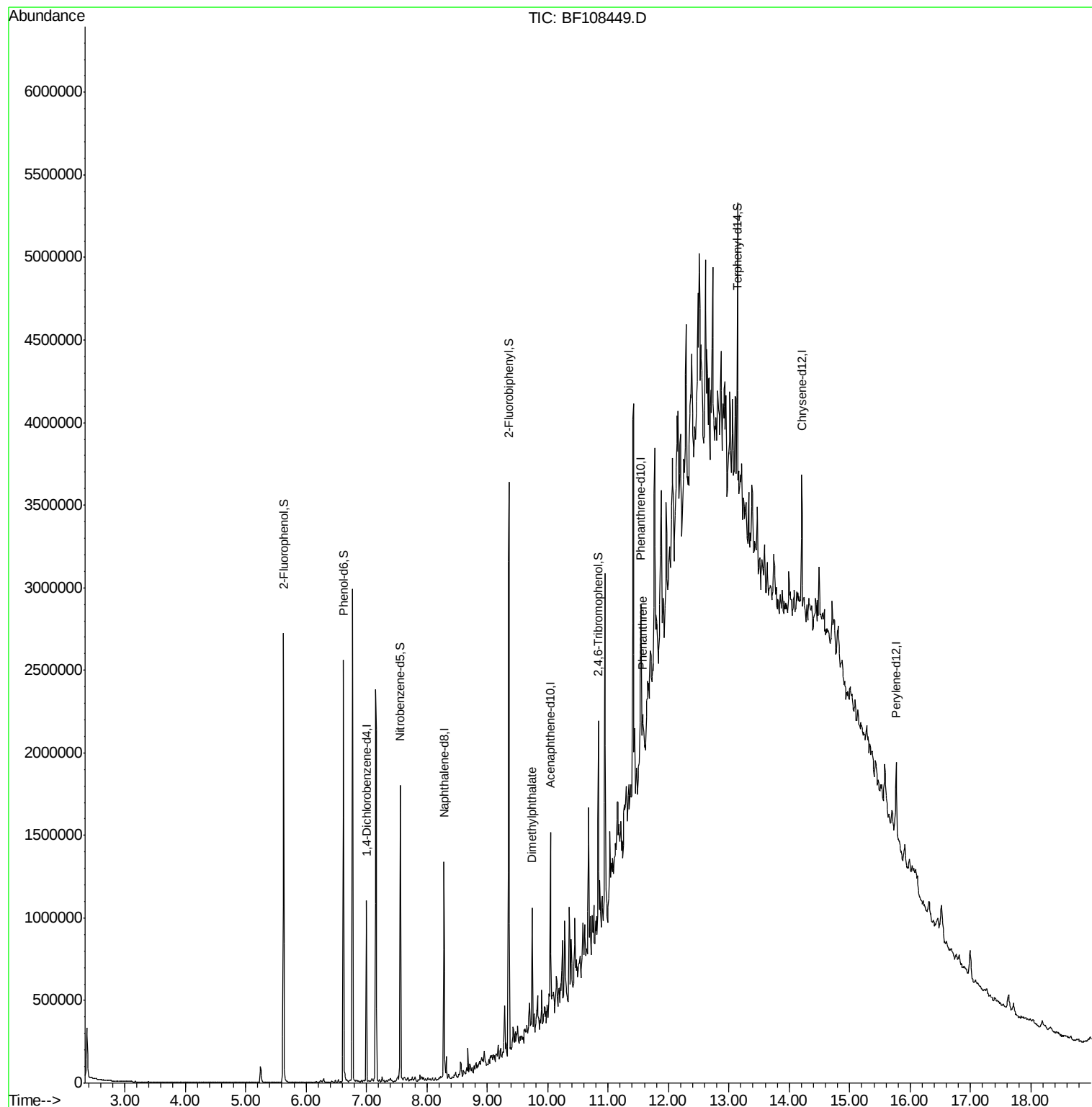
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	148041	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	535965	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	227873	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	321152	20.00	ng	0.00
75) Chrysene-d12	14.21	240	260876	20.00	ng	0.00
86) Perylene-d12	15.77	264	225792	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	682145	83.42	ng	0.00
7) Phenol-d6	6.62	99	921986	84.85	ng	-0.01
23) Nitrobenzene-d5	7.56	82	610487	63.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	150606	66.26	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1052547	74.16	ng	0.00
78) Terphenyl-d14	13.14	244	668688	65.17	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.75	163	63370	3.992	ng	# 95
70) Phenanthrene	11.57	178	78766	5.200	ng	# 87

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

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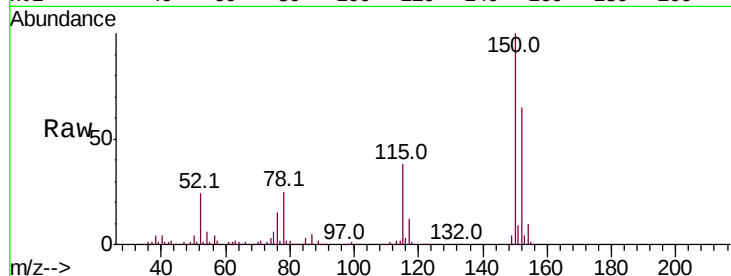


#1

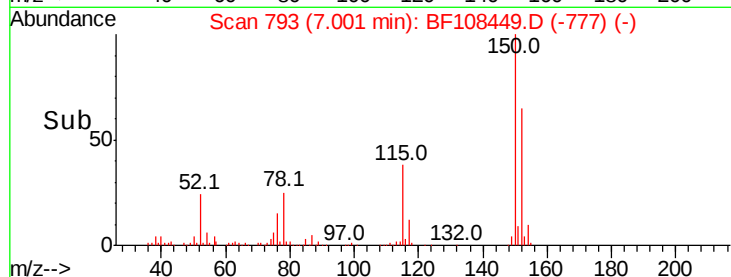
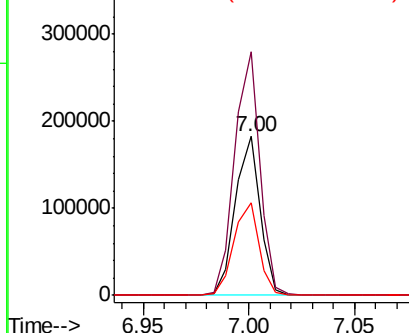
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-042

Tot Ion:152 Resp: 148041
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 58.2 50.1 75.1



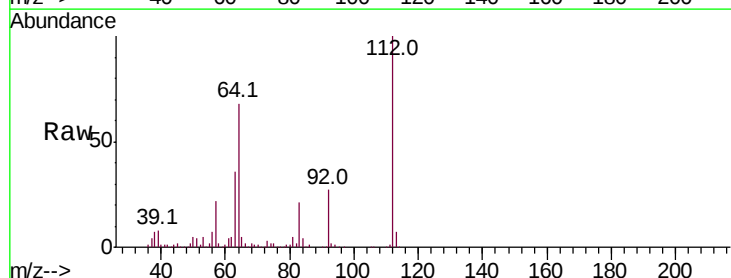
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



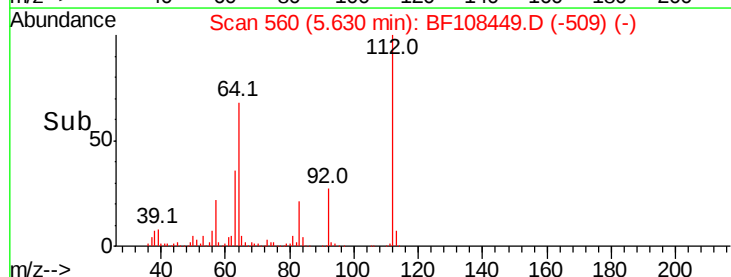
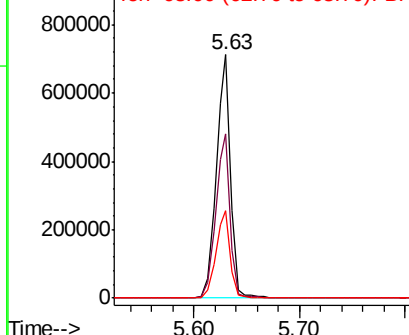
#5

2-Fluorophenol
Concen: 83.422 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Tgt Ion:112 Resp: 682145
Ion Ratio Lower Upper
112 100
64 67.6 47.9 71.9
63 35.8 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: 84.849 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108449.D

Acq: 24 Aug 2018 5:04

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-042

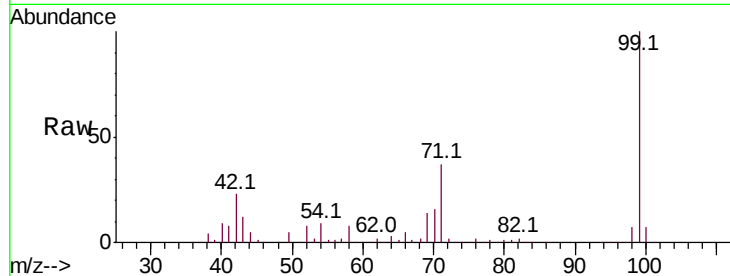
Tot Ion: 99 Resp: 921986

Ion Ratio Lower Upper

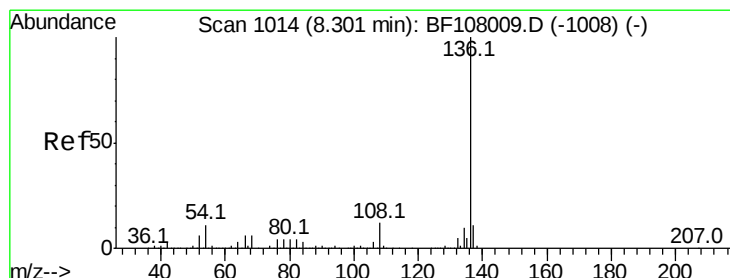
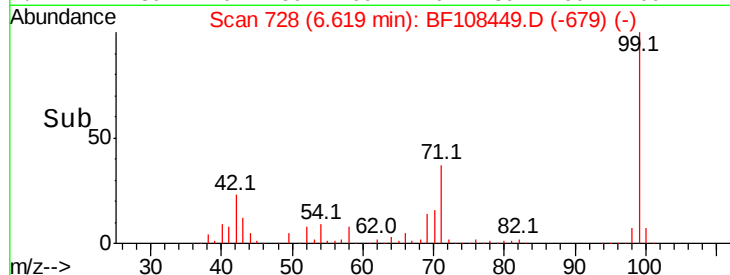
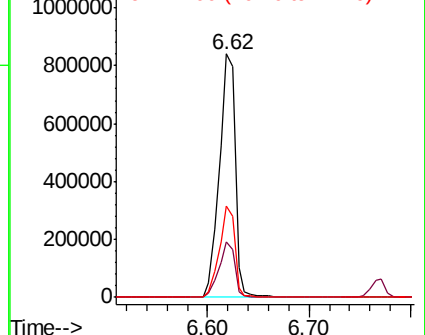
99 100

42 23.0 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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108449.D

Acq: 24 Aug 2018 5:04

Tgt Ion: 136 Resp: 535965

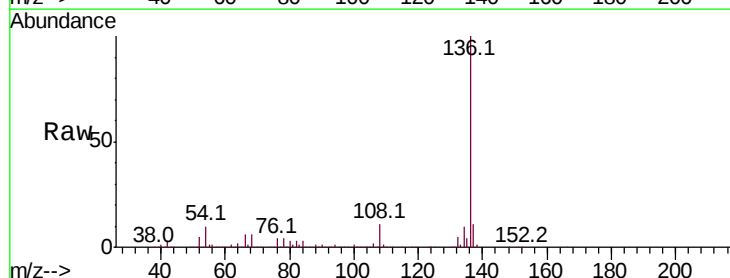
Ion Ratio Lower Upper

136 100

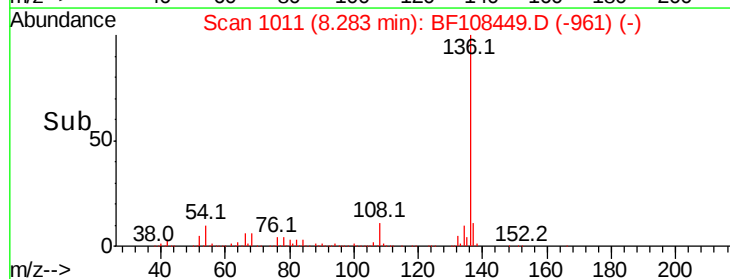
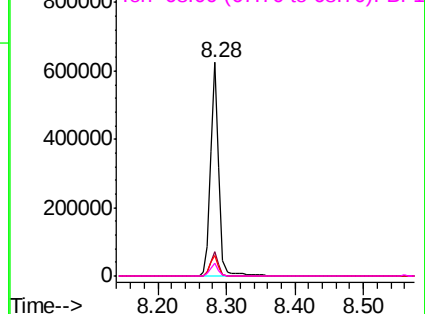
137 11.2 8.9 13.3

54 9.7 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

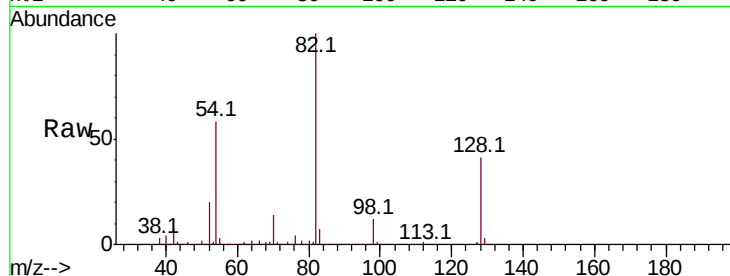




#23
Nitrobenzene-d5
Concen: 63.560 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-042

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	36.1	54.1
54	58.4	41.4	62.2

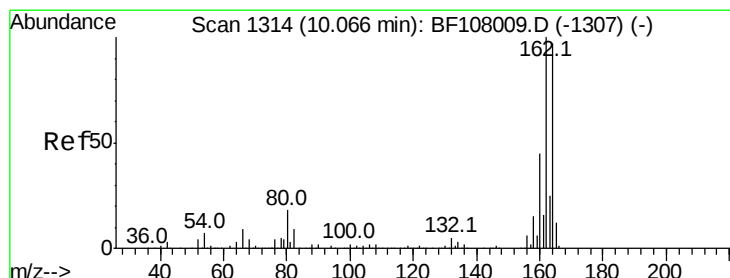
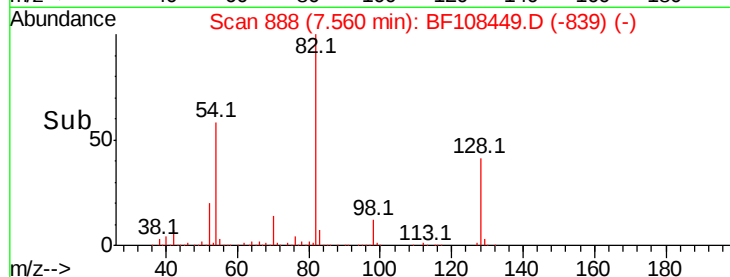
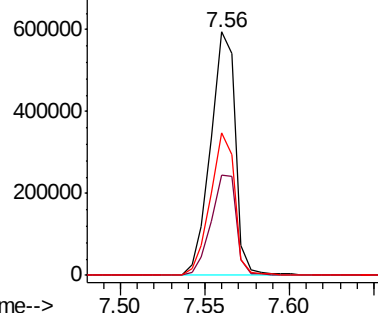


Abundance

Ion 82.00 (81.70 to 82.70): BF1

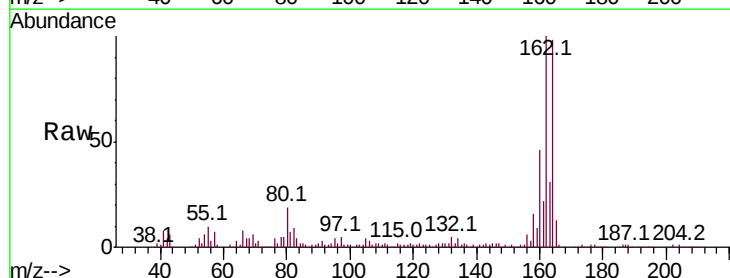
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	47.0	38.3	57.5

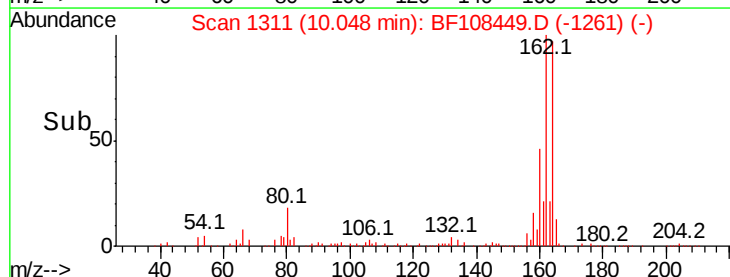
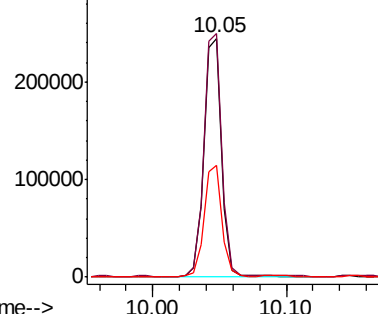


Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

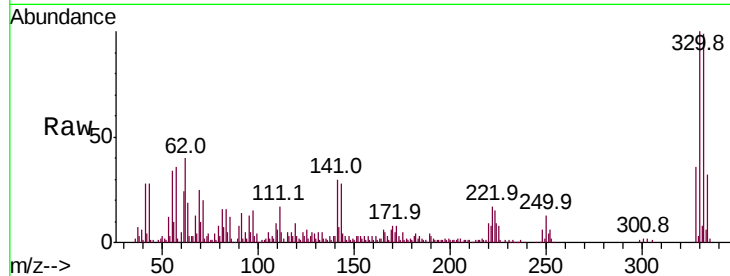




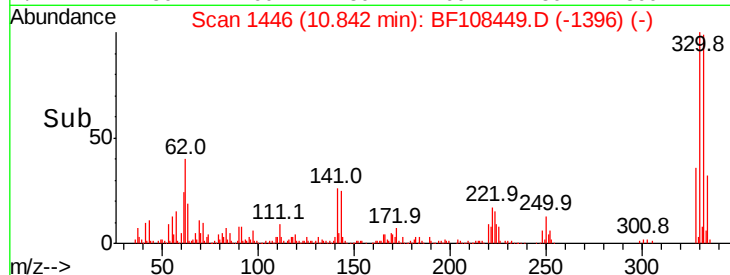
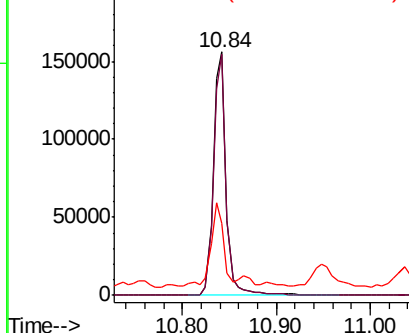
#41
 2,4,6-Tribromophenol
 Concen: 66.259 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108449.D
 Acq: 24 Aug 2018 5:04

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-042

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	33.2	29.9	44.9

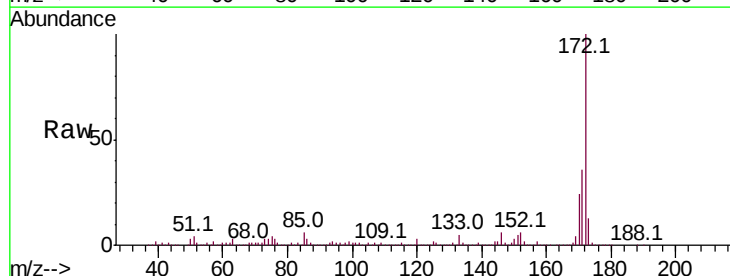


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

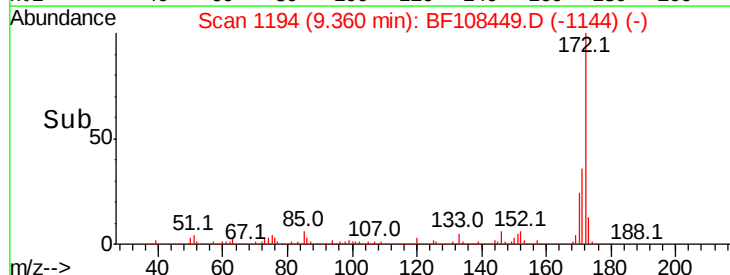
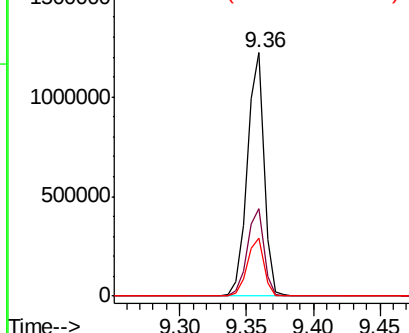


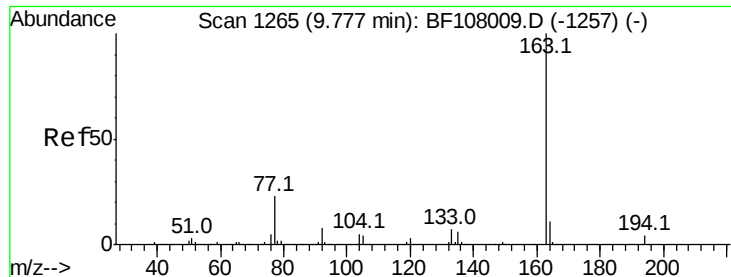
#44
 2-Fluorobiphenyl
 Concen: 74.157 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108449.D
 Acq: 24 Aug 2018 5:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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

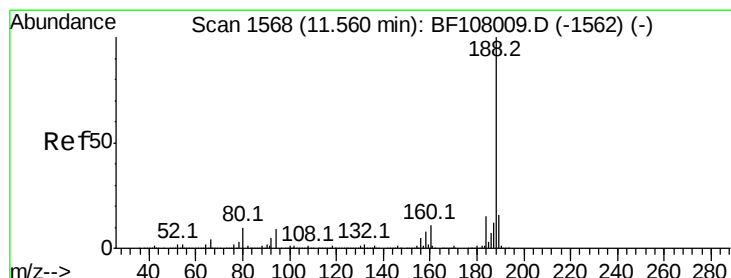
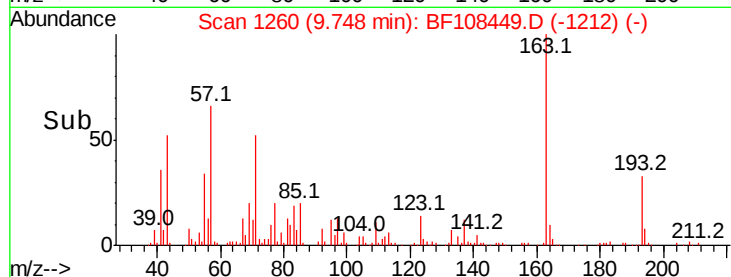
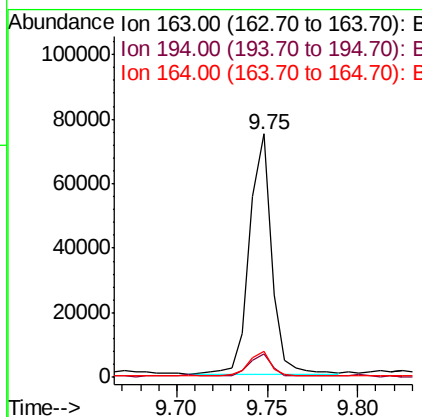
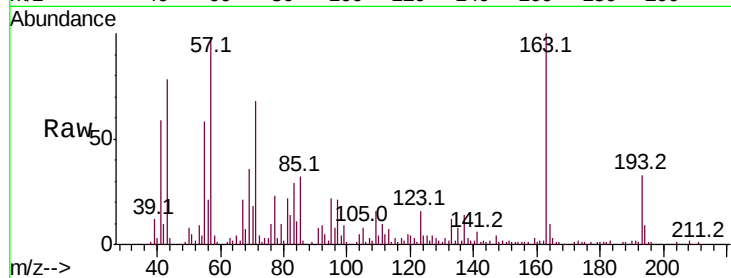




#49
Dimethylphthalate
Concen: 3.992 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

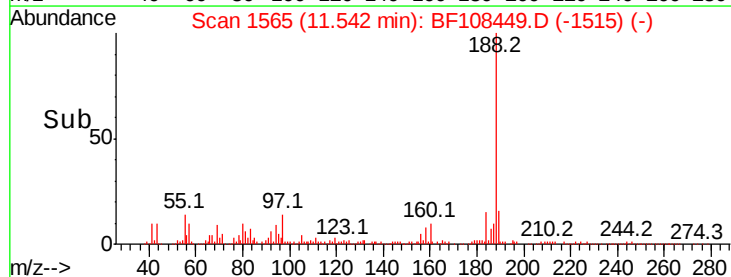
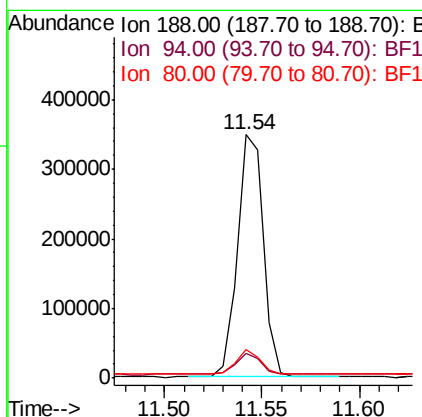
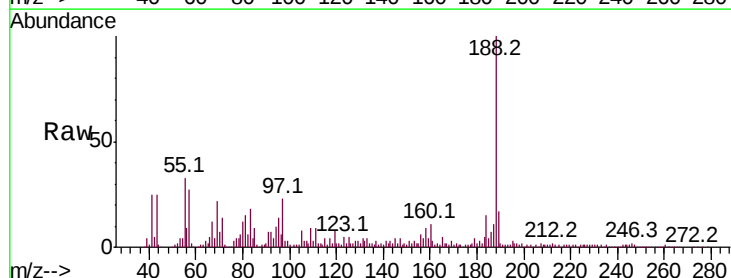
Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-042

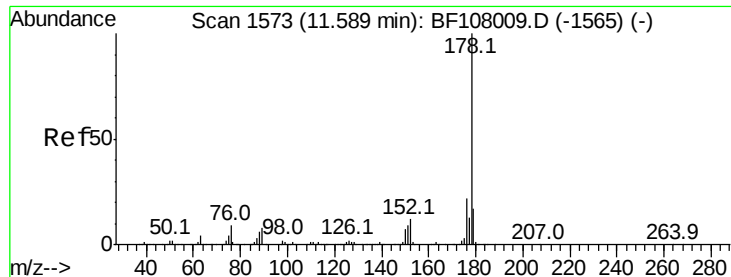
Tot Ion:163 Resp: 63370
Ion Ratio Lower Upper
163 100
194 9.4 2.7 4.1#
164 10.5 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Tgt Ion:188 Resp: 321152
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 11.8 9.2 13.8





#70

Phenanthrene

Concen: 5.200 ng

RT: 11.57 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF108449.D

Acq: 24 Aug 2018 5:04

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-042

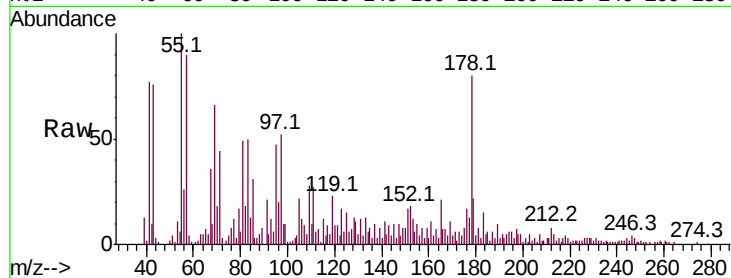
Tot Ion:178 Resp: 78766

Ion Ratio Lower Upper

178 100

176 21.4 15.8 23.8

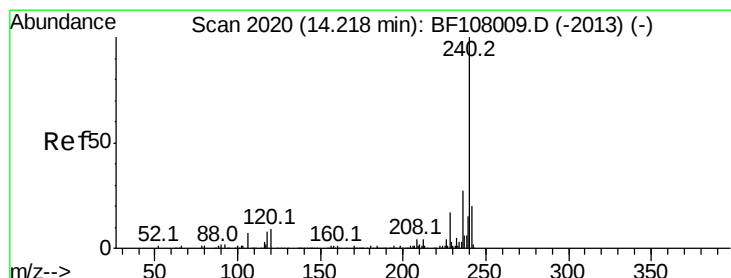
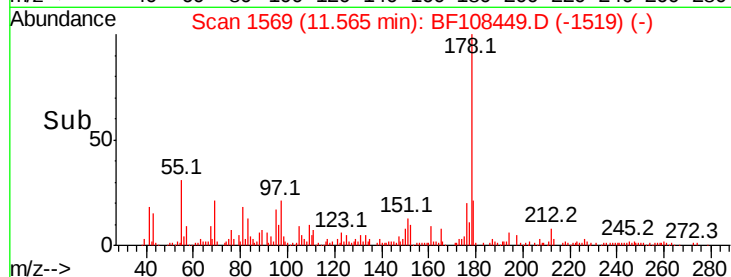
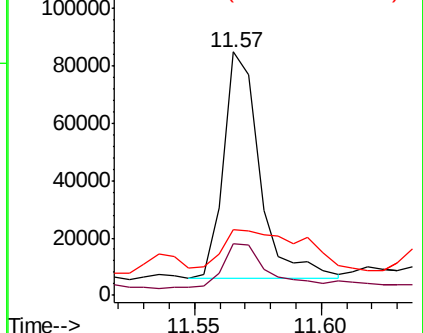
179 27.2 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF108449.D

Acq: 24 Aug 2018 5:04

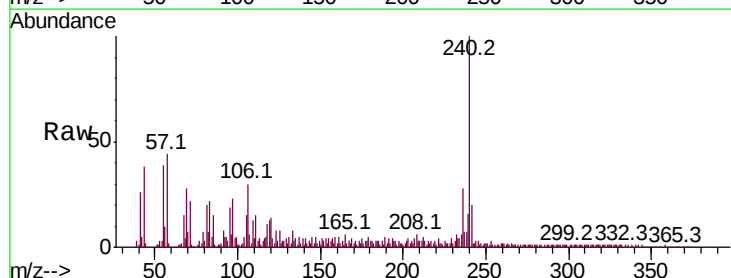
Tgt Ion:240 Resp: 260876

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

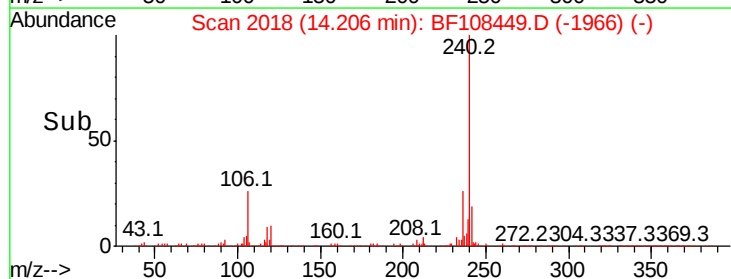
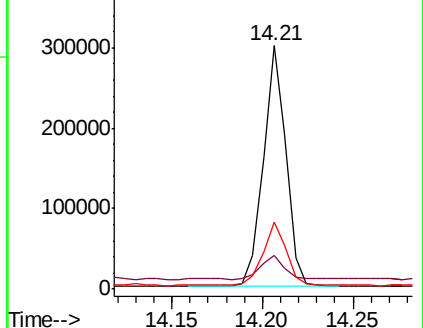
236 27.6 20.7 31.1

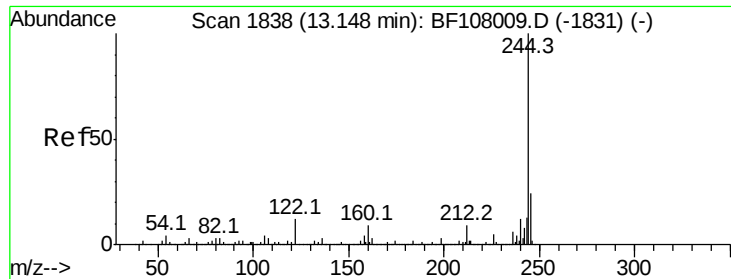


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

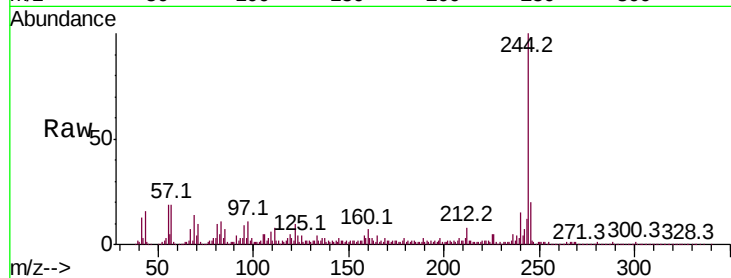




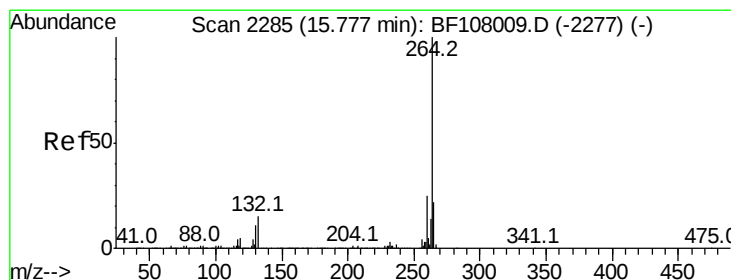
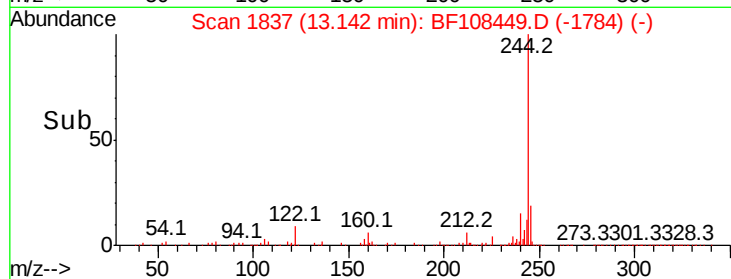
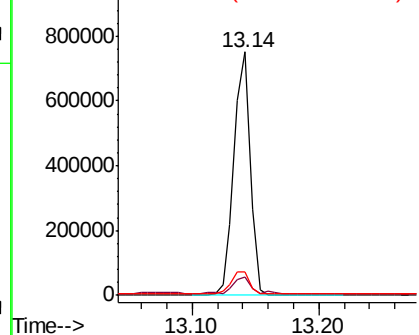
#78
 Terphenyl-d14
 Concen: 65.172 ng
 RT: 13.14 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: BF108449.D
 Acq: 24 Aug 2018 5:04

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-042

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	9.7	11.0	16.4

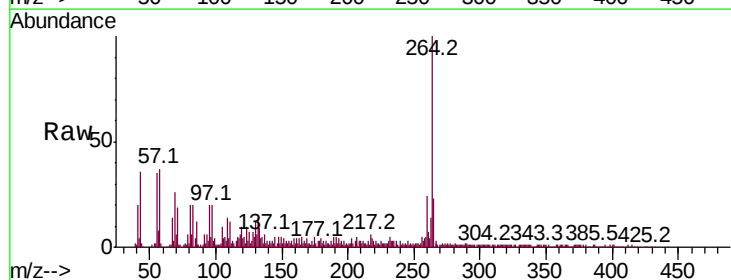


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.77 min Scan# 2284
 Delta R.T. 0.01 min
 Lab File: BF108449.D
 Acq: 24 Aug 2018 5:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.7	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

