

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108762.D
 Acq On : 5 Sep 2018 3:19
 Operator : JU/SJ
 Sample : PB112567BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112567BL

Quant Time: Sep 05 08:22:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	79570	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	335193	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	182340	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	371163	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	209381	20.00	ng	-0.02
86) Perylene-d12	15.74	264	206484	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	498156	108.76	ng	-0.02
7) Phenol-d6	6.62	99	814245	124.12	ng	-0.03
23) Nitrobenzene-d5	7.55	82	538099	81.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	221658	92.08	ng	-0.02
44) 2-Fluorobiphenyl	9.34	172	1131812	83.46	ng	-0.02
78) Terphenyl-d14	13.11	244	1136077	105.42	ng	-0.02

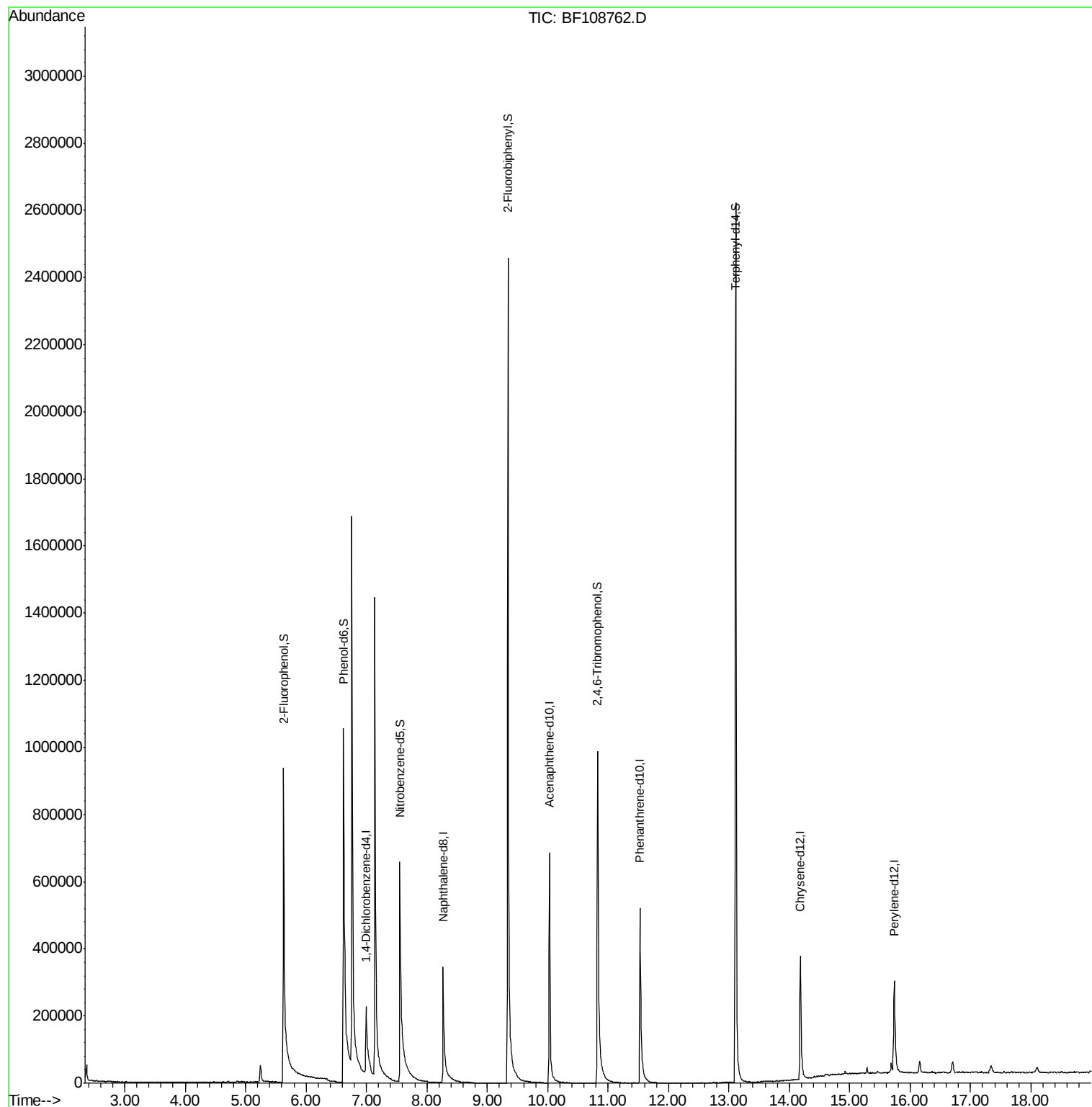
Target Compounds Qvalue

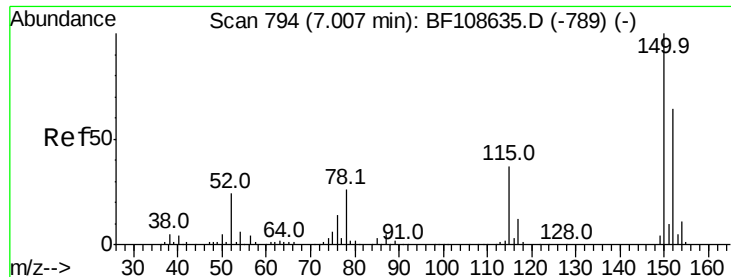
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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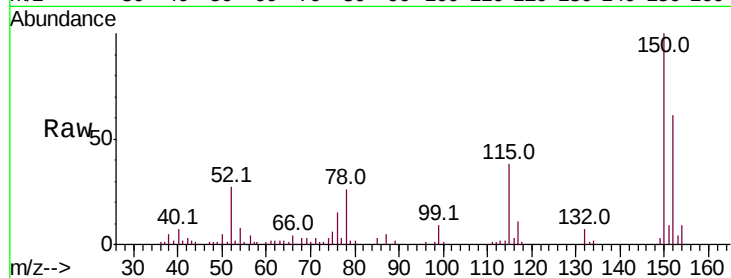


#1

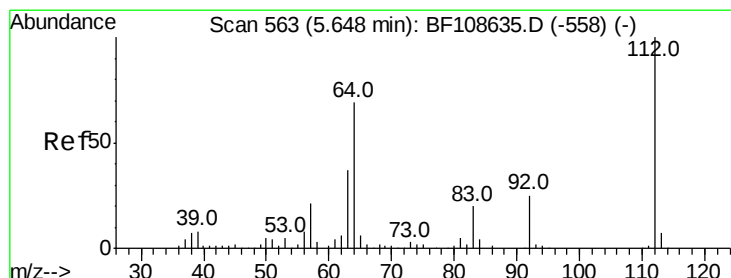
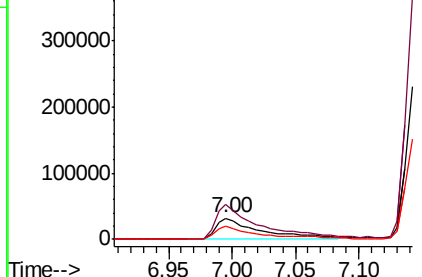
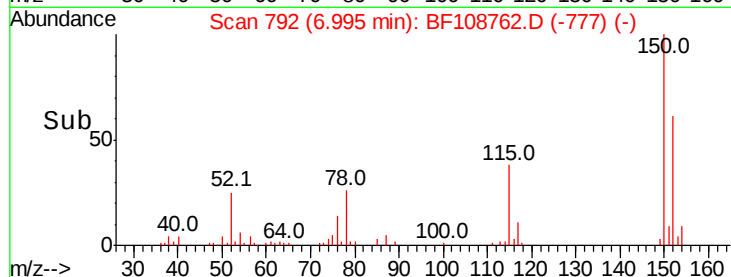
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.00 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF108762.D
 Acq: 5 Sep 2018 3:19

Instrument :
 BNA_F
 ClientSampleId :
 PB112567BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.1	124.6	186.8
115	62.0	50.1	75.1



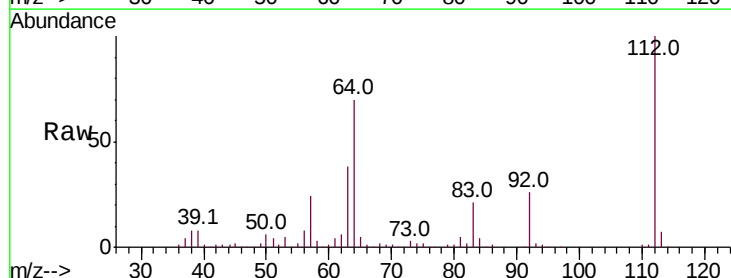
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



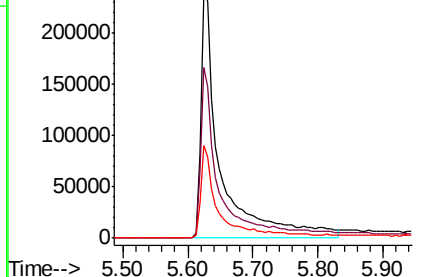
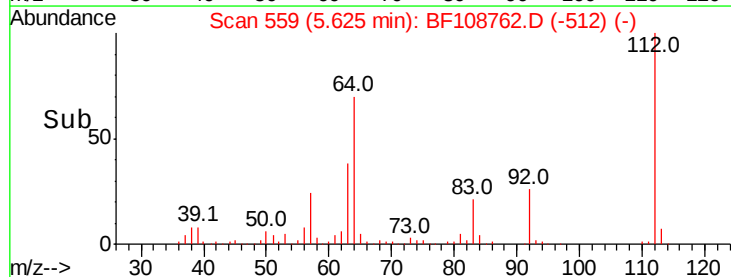
#5

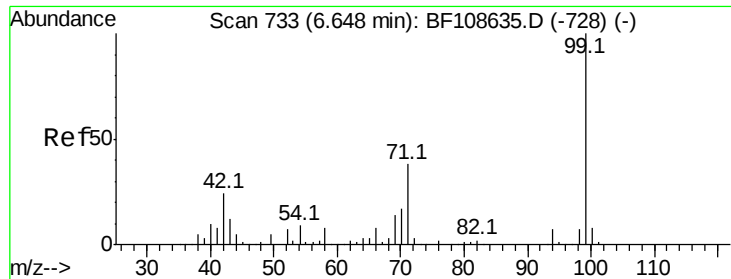
2-Fluorophenol
 Concen: 108.759 ng
 RT: 5.62 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF108762.D
 Acq: 5 Sep 2018 3:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	38.0	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: 124.118 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF108762.D

Acq: 5 Sep 2018 3:19

Instrument :

BNA_F

ClientSampleId :

PB112567BL

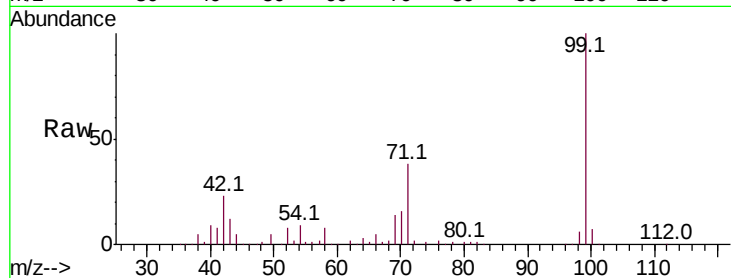
Tot Ion: 99 Resp: 814245

Ion Ratio Lower Upper

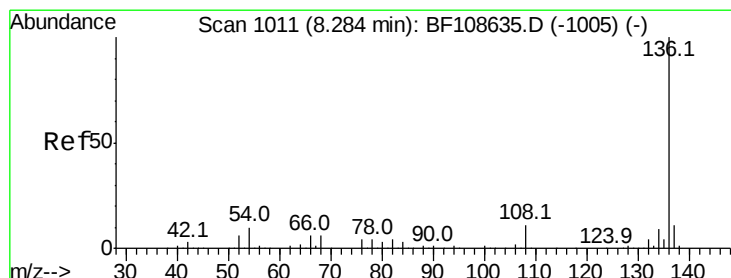
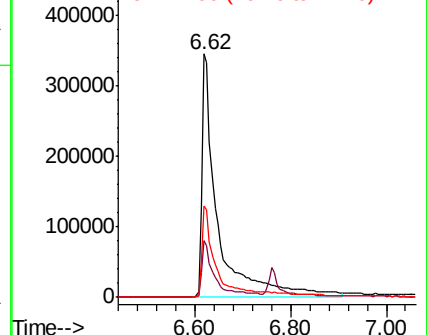
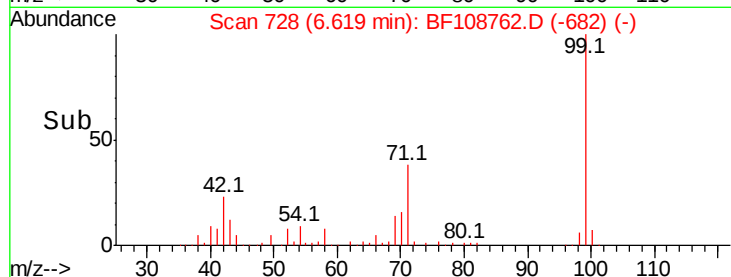
99 100

42 23.3 14.5 21.7#

71 37.7 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: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF108762.D

Acq: 5 Sep 2018 3:19

Tgt Ion: 136 Resp: 335193

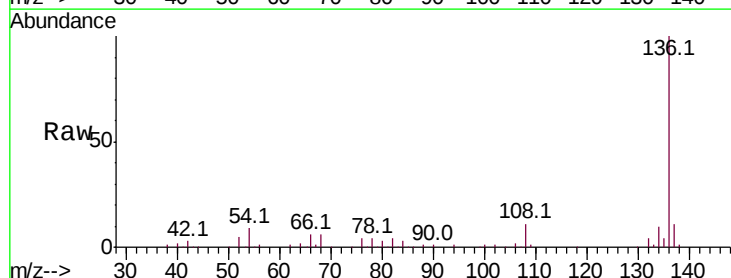
Ion Ratio Lower Upper

136 100

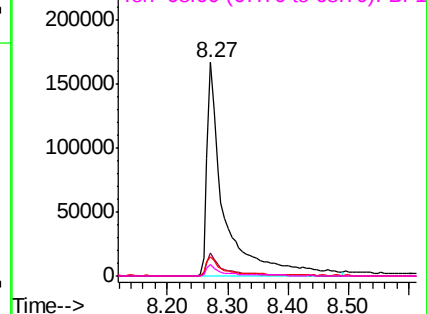
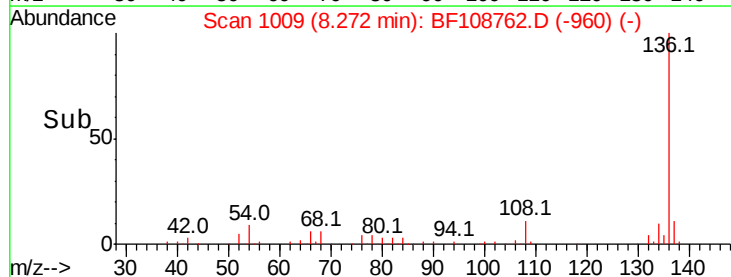
137 11.1 8.9 13.3

54 9.2 6.6 9.8

68 5.5 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

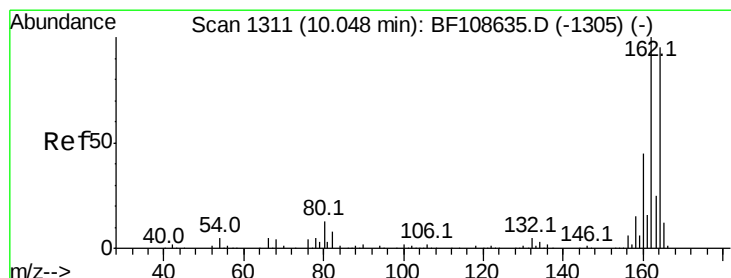
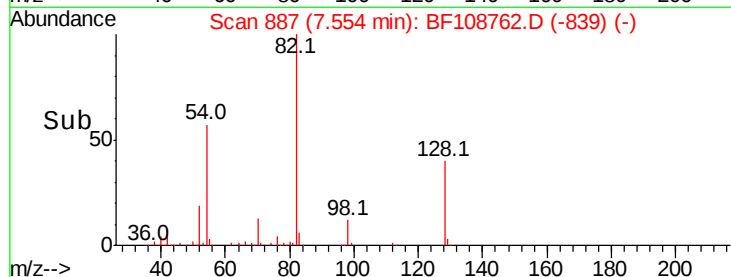
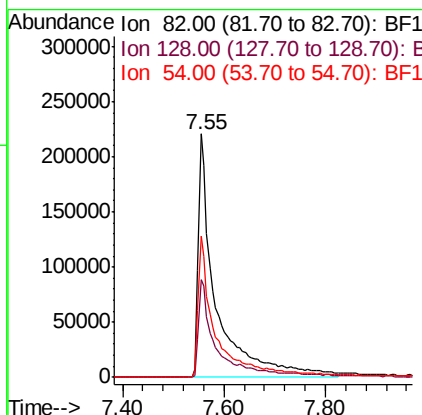
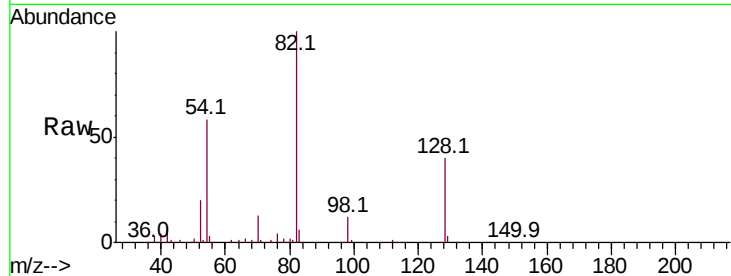




#23
 Nitrobenzene-d5
 Concen: 81.485 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF108762.D
 Acq: 5 Sep 2018 3:19

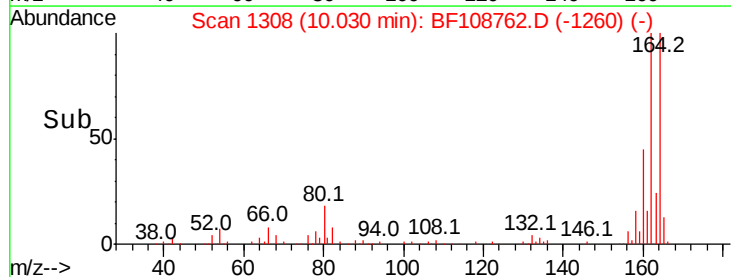
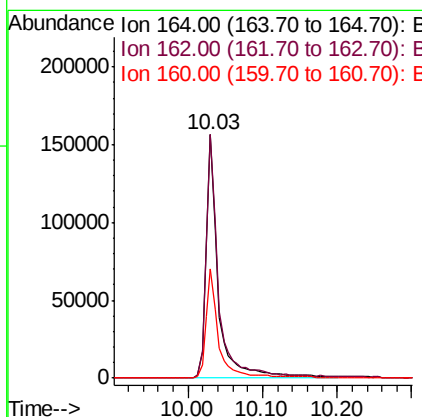
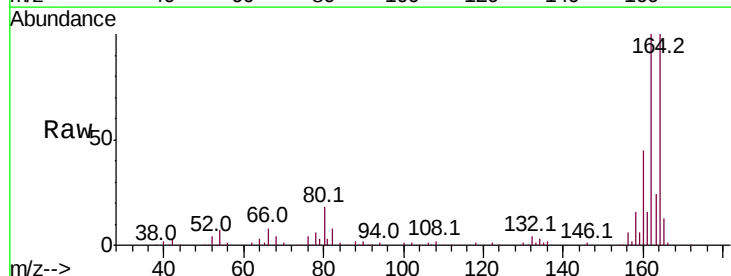
Instrument :
 BNA_F
 ClientSampleId :
 PB112567BL

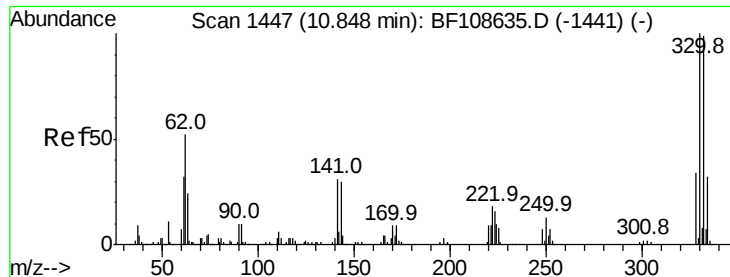
Tot Ion	82	Resp	538099
Ion Ratio	Lower	Upper	
82	100		
128	40.2	36.1	54.1
54	57.8	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF108762.D
 Acq: 5 Sep 2018 3:19

Tgt Ion	164	Resp	182340
Ion Ratio	Lower	Upper	
164	100		
162	100.1	86.1	129.1
160	45.0	38.3	57.5

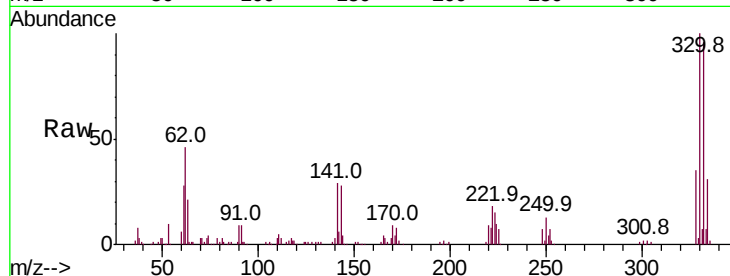




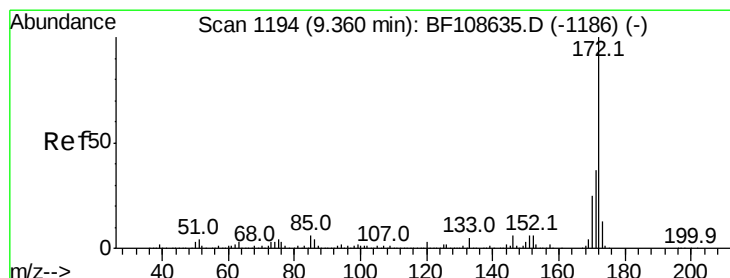
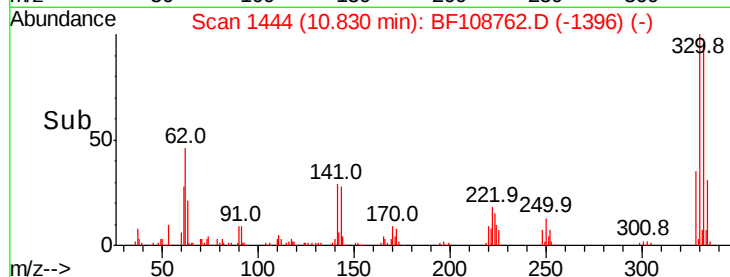
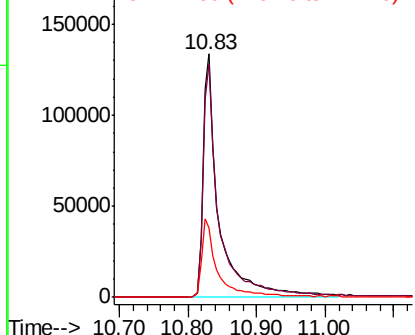
#41
 2,4,6-Tribromophenol
 Concen: 92.085 ng
 RT: 10.83 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BF108762.D
 Acq: 5 Sep 2018 3:19

Instrument :
 BNA_F
 ClientSampleId :
 PB112567BL

Tot Ion:330 Resp: 221658
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.0 115.6
 141 32.6 29.9 44.9

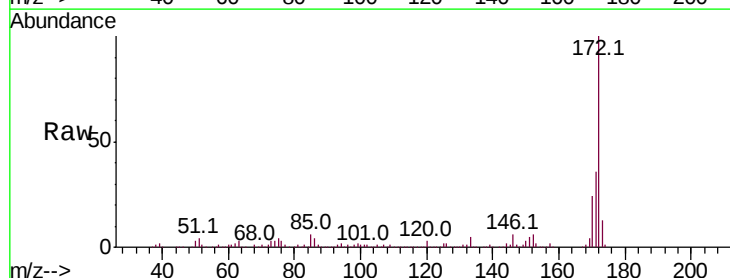


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

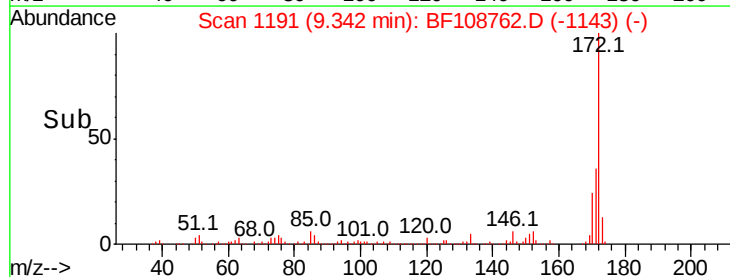
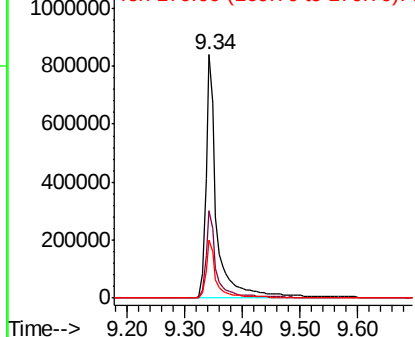


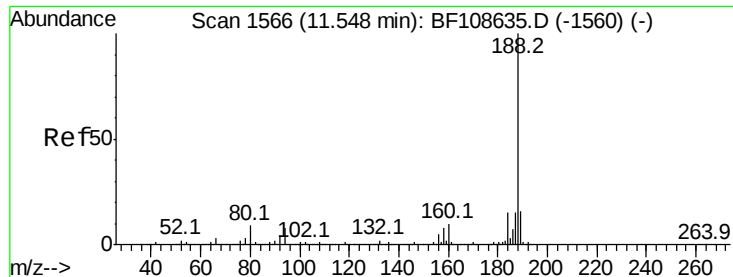
#44
 2-Fluorobiphenyl
 Concen: 83.460 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF108762.D
 Acq: 5 Sep 2018 3:19

Tgt Ion:172 Resp: 1131812
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.7 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

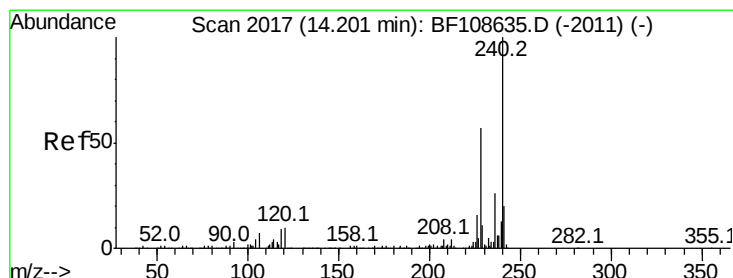
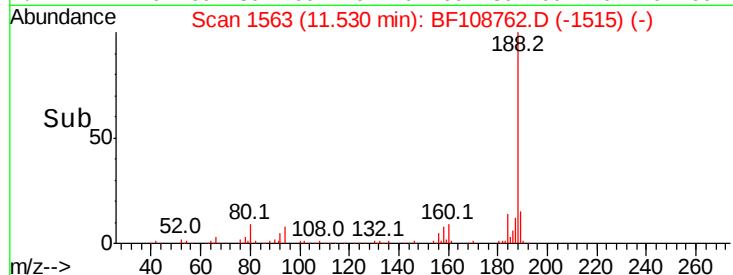
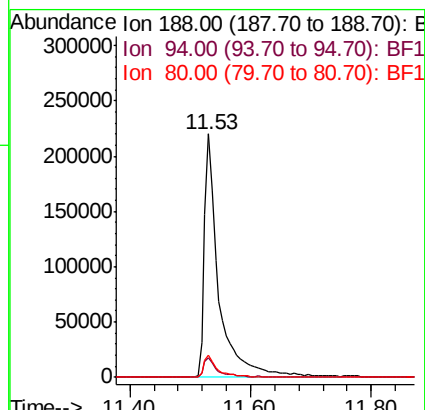
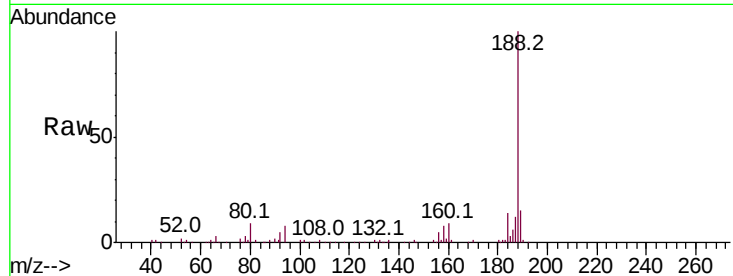




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BF108762.D
 Acq: 5 Sep 2018 3:19

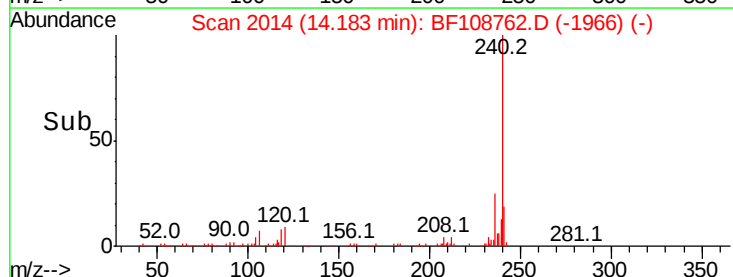
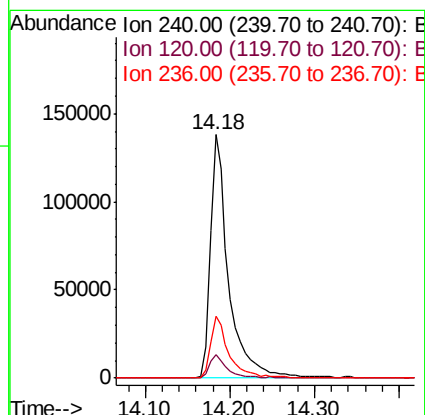
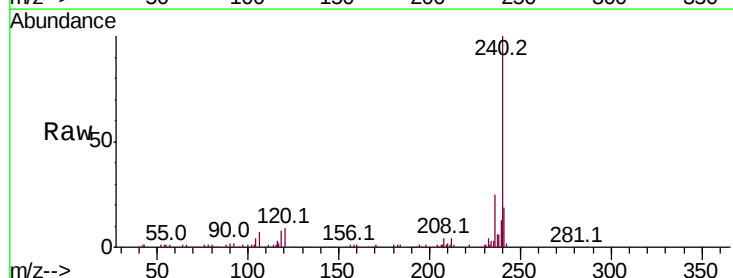
Instrument :
 BNA_F
 ClientSampleId :
 PB112567BL

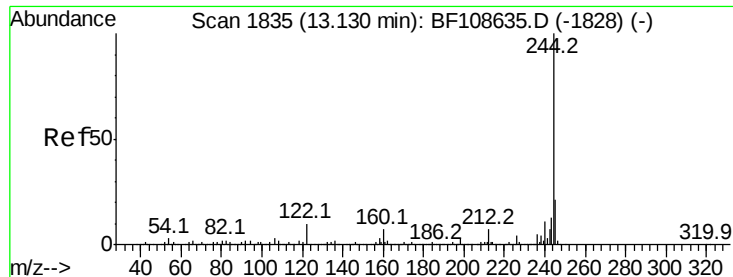
Tot Ion:188 Resp: 371163
 Ion Ratio Lower Upper
 188 100
 94 7.9 8.5 12.7#
 80 9.0 9.2 13.8#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.02 min
 Lab File: BF108762.D
 Acq: 5 Sep 2018 3:19

Tgt Ion:240 Resp: 209381
 Ion Ratio Lower Upper
 240 100
 120 9.4 9.5 14.3#
 236 25.4 20.7 31.1



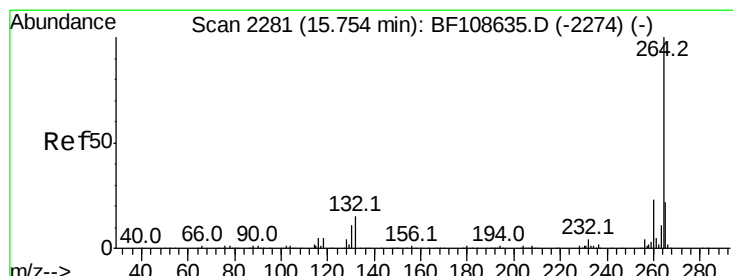
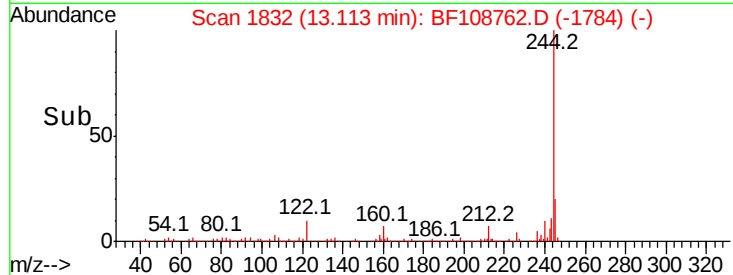
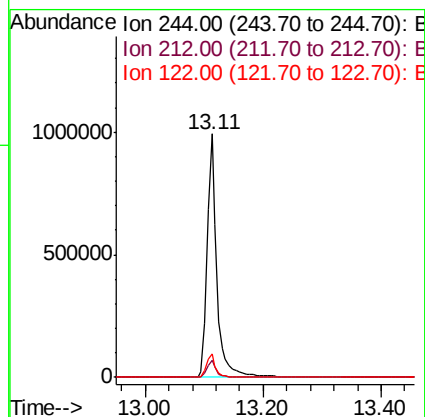
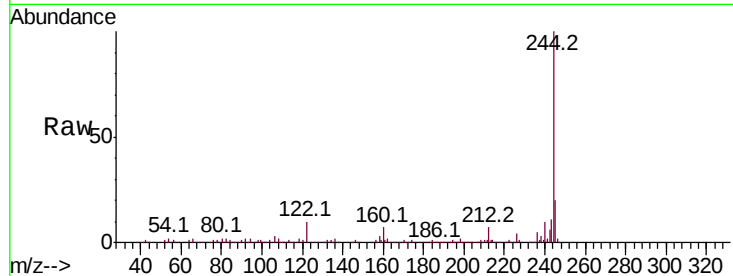


#78
 Terphenyl-d14
 Concen: 105.422 ng
 RT: 13.11 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BF108762.D
 Acq: 5 Sep 2018 3:19

Instrument :
 BNA_F
 ClientSampleId :
 PB112567BL

Tot Ion:244 Resp: 1136077

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	9.8	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BF108762.D
 Acq: 5 Sep 2018 3:19

Tgt Ion:264 Resp: 206484

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	17.5	26.3

