

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
 Data File : BF108573.D
 Acq On : 28 Aug 2018 23:17
 Operator : JU/SJ
 Sample : J4648-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TMW-1

Quant Time: Aug 29 04:34:26 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

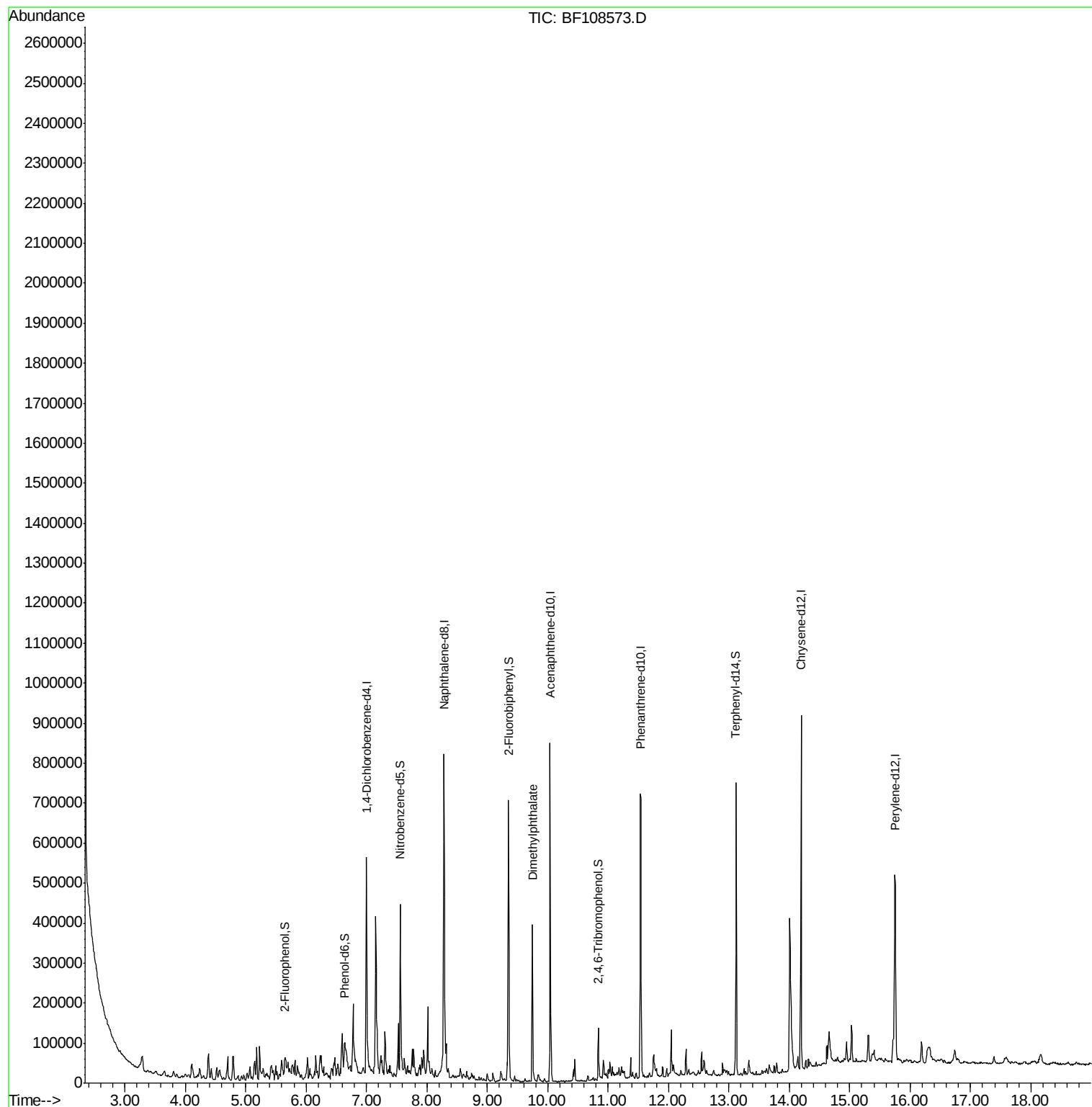
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	105997	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	391613	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	167680	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	289716	20.00	ng	0.00
75) Chrysene-d12	14.20	240	304693	20.00	ng	0.00
86) Perylene-d12	15.75	264	243938	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	57346	9.79	ng	0.02
7) Phenol-d6	6.64	99	67606	8.69	ng	0.01
23) Nitrobenzene-d5	7.56	82	127588	18.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	17348	10.37	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	230660	22.08	ng	-0.01
78) Terphenyl-d14	13.12	244	243866	20.35	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.75	163	177993	15.239	ng	99

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

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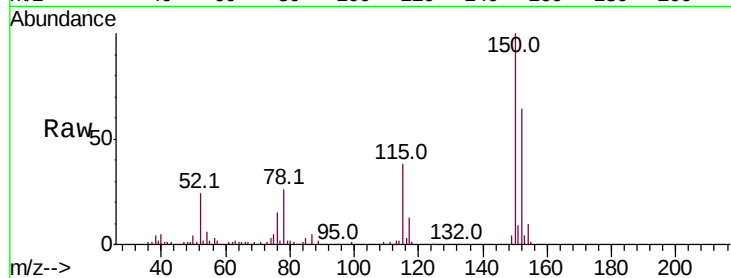


#1

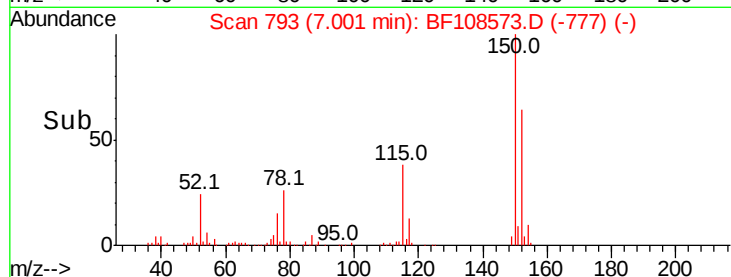
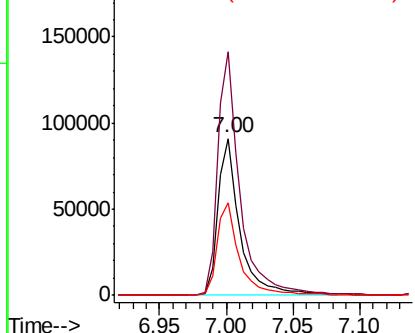
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108573.D
Acq: 28 Aug 2018 23:17

Instrument :
BNA_F
ClientSampleId :
TMW-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	59.4	50.1	75.1



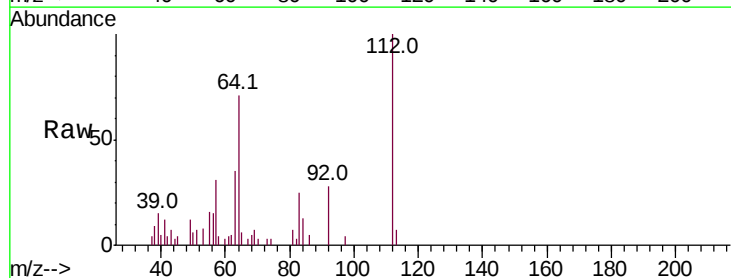
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



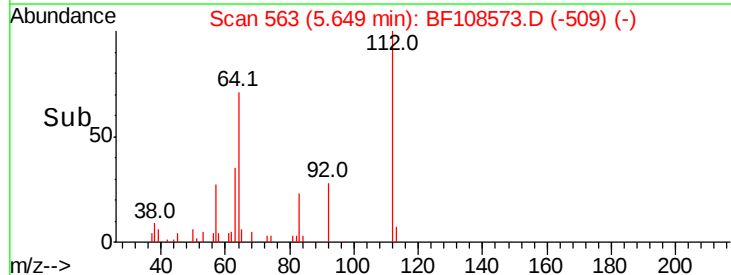
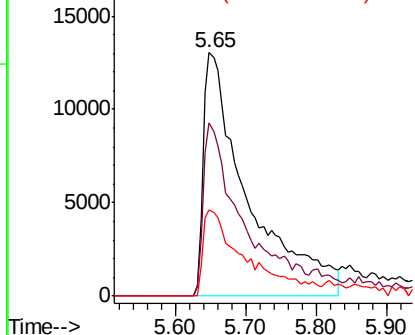
#5

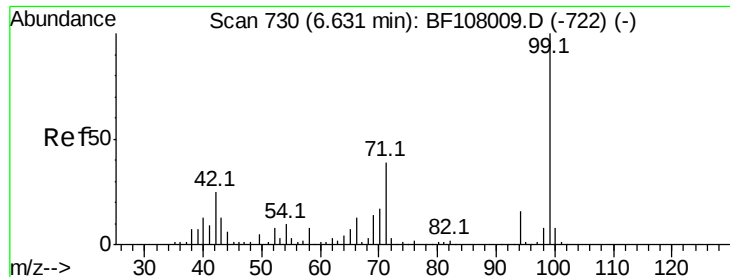
2-Fluorophenol
Concen: 9.795 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108573.D
Acq: 28 Aug 2018 23:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.4	47.9	71.9
63	35.4	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: 8.690 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108573.D

Acq: 28 Aug 2018 23:17

Instrument :

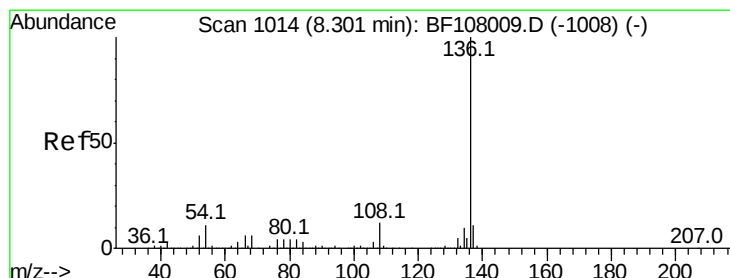
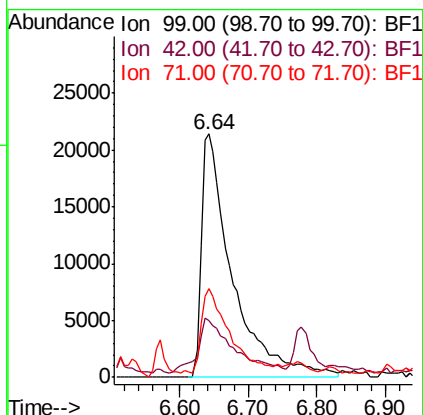
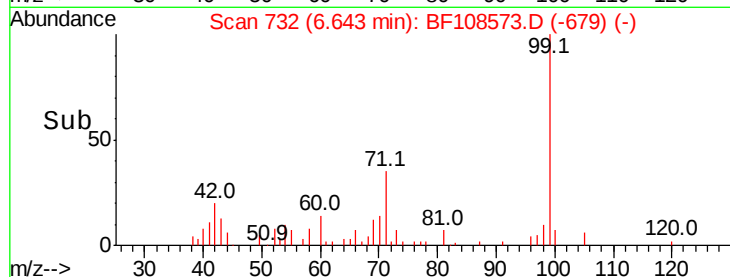
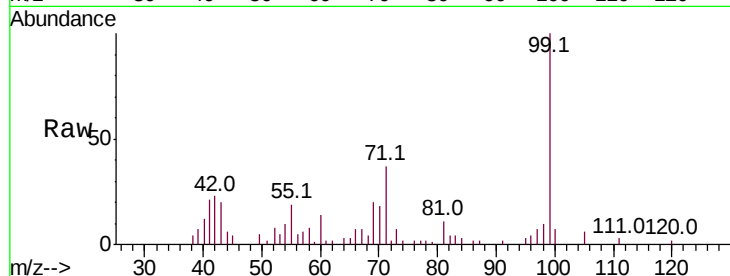
BNA_F

ClientSampleId :

TMW-1

Tot Ion: 99 Resp: 67606

Ion	Ratio	Lower	Upper
99	100		
42	23.3	14.5	21.7#
71	36.6	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

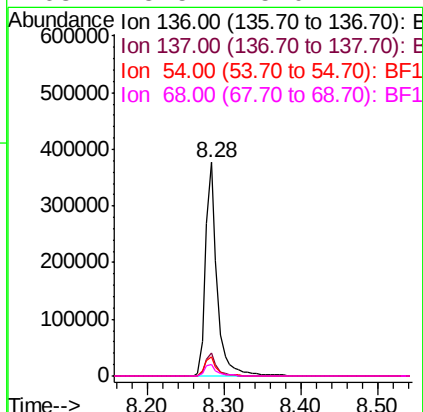
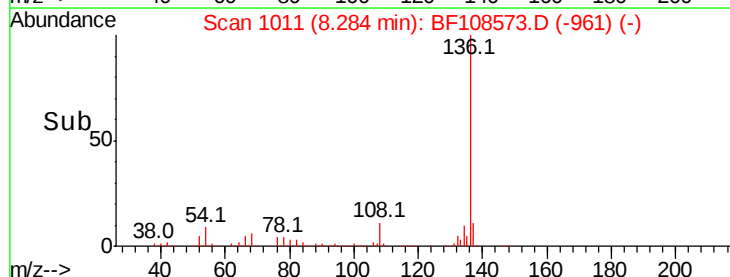
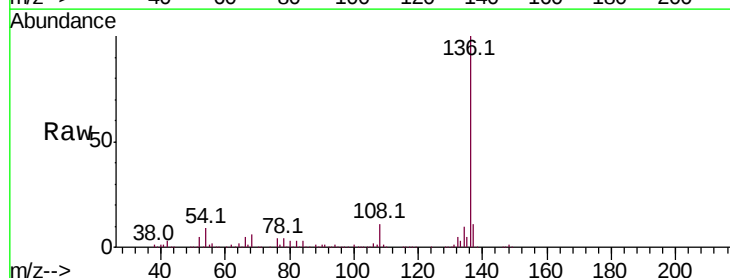
Delta R.T. -0.01 min

Lab File: BF108573.D

Acq: 28 Aug 2018 23:17

Tgt Ion: 136 Resp: 391613

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.1	6.6	9.8
68	5.5	5.0	7.4

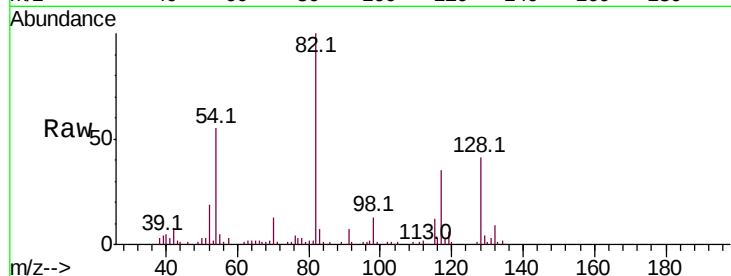




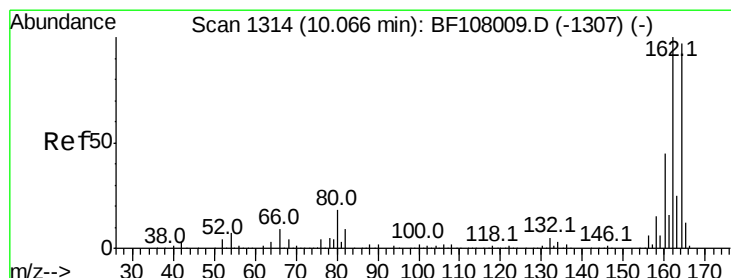
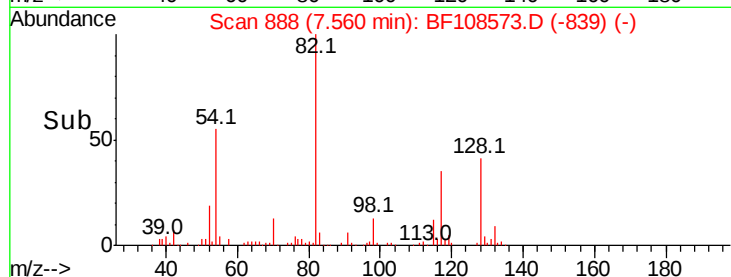
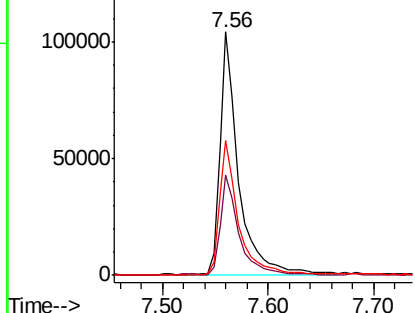
#23
 Nitrobenzene-d5
 Concen: 18.180 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108573.D
 Acq: 28 Aug 2018 23:17

Instrument :
 BNA_F
 ClientSampled :
 TMW-1

Tot Ion	82	Resp	127588
Ion Ratio	Lower	Upper	
82	100		
128	41.3	36.1	54.1
54	55.2	41.4	62.2

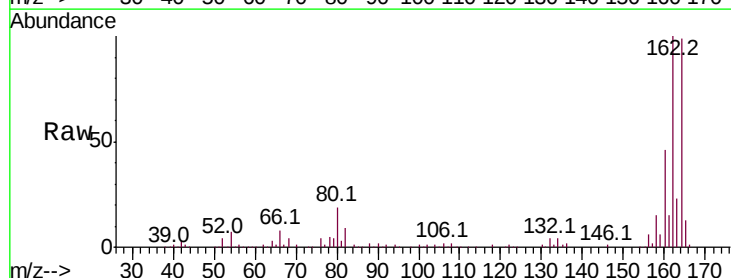


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

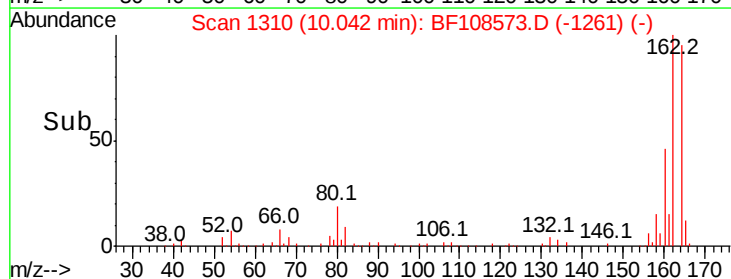
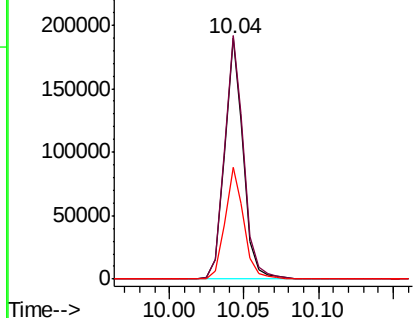


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108573.D
 Acq: 28 Aug 2018 23:17

Tgt Ion	164	Resp	167680
Ion Ratio	Lower	Upper	
164	100		
162	101.2	86.1	129.1
160	46.3	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

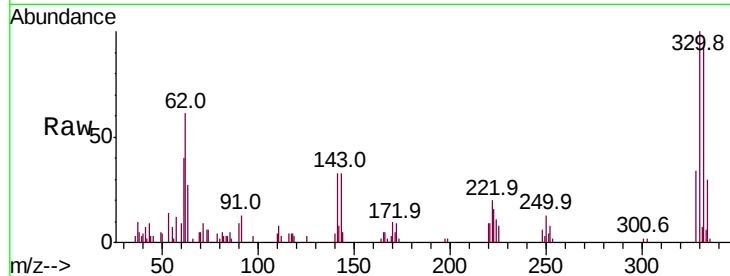




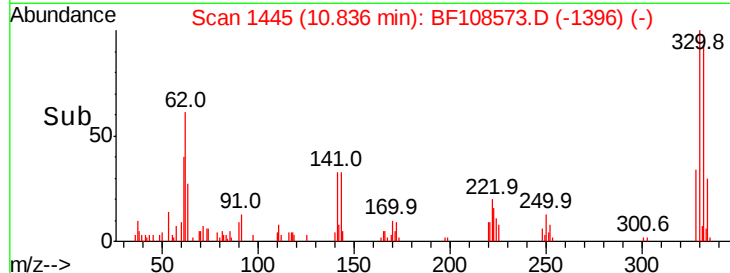
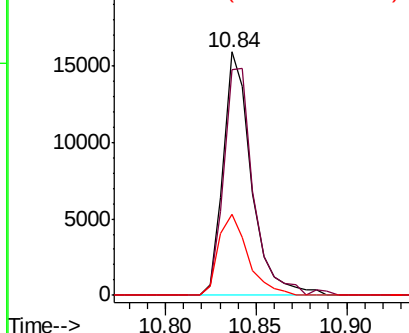
#41
 2,4,6-Tribromophenol
 Concen: 10.372 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108573.D
 Acq: 28 Aug 2018 23:17

Instrument :
 BNA_F
 ClientSampleId :
 TMW-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	34.6	29.9	44.9

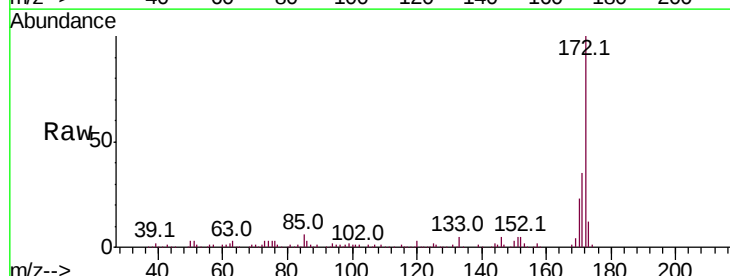


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

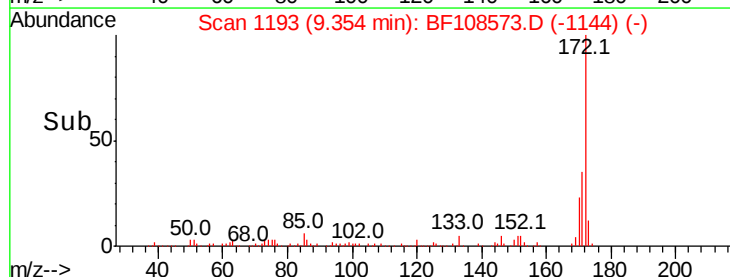
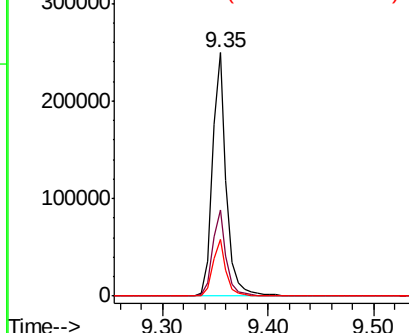


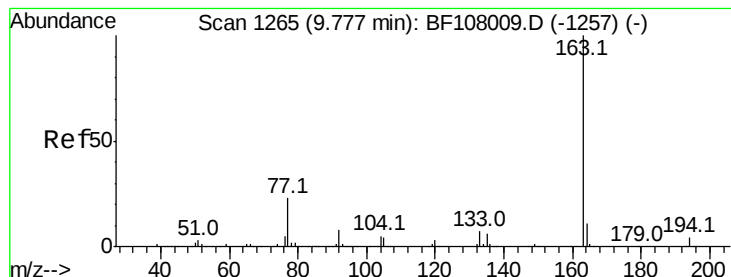
#44
 2-Fluorobiphenyl
 Concen: 22.085 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108573.D
 Acq: 28 Aug 2018 23:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	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: 15.239 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108573.D

Acq: 28 Aug 2018 23:17

Instrument :

BNA_F

ClientSampleId :

TMW-1

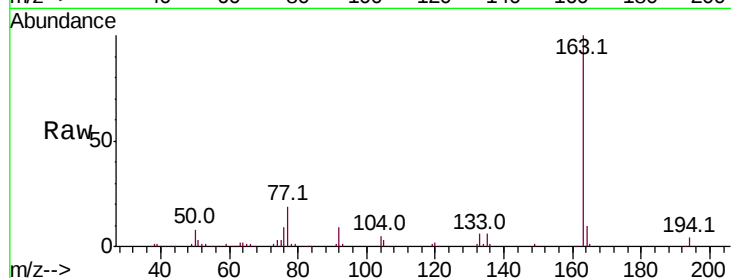
Tot Ion:163 Resp: 177993

Ion Ratio Lower Upper

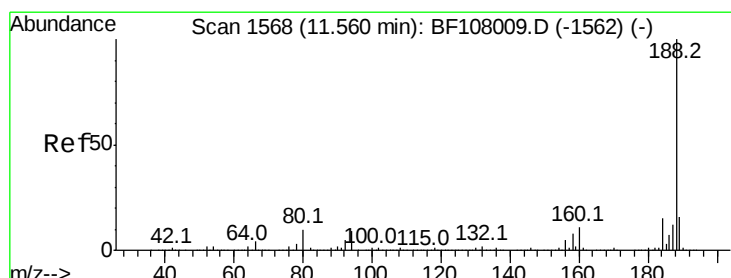
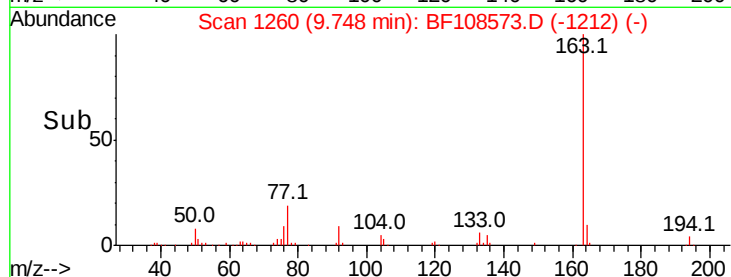
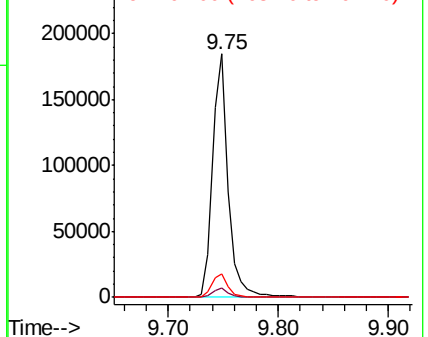
163 100

194 3.9 2.7 4.1

164 9.9 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: 11.54 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF108573.D

Acq: 28 Aug 2018 23:17

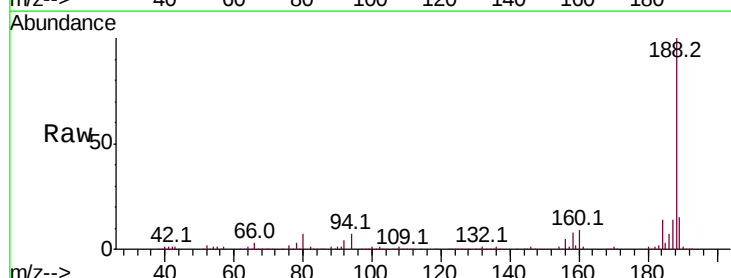
Tgt Ion:188 Resp: 289716

Ion Ratio Lower Upper

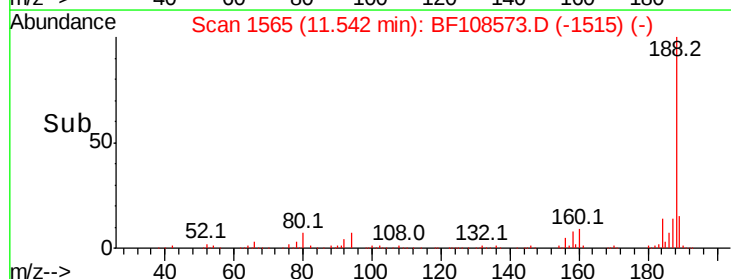
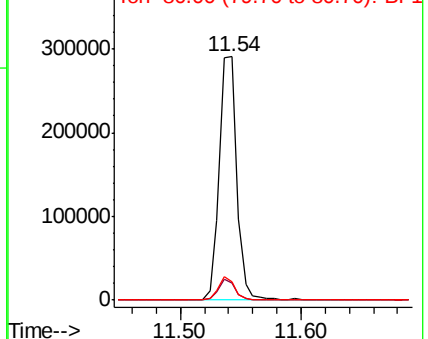
188 100

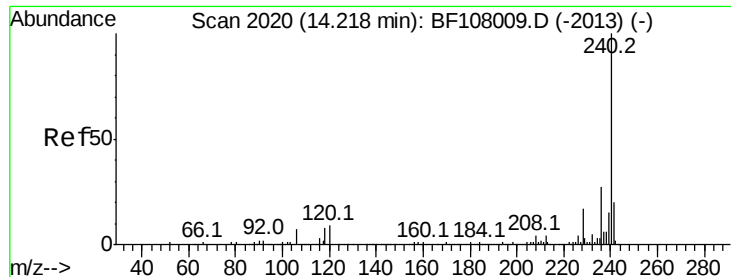
94 7.1 8.5 12.7#

80 7.5 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: 14.20 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108573.D

Acq: 28 Aug 2018 23:17

Instrument :

BNA_F

ClientSampleId :

TMW-1

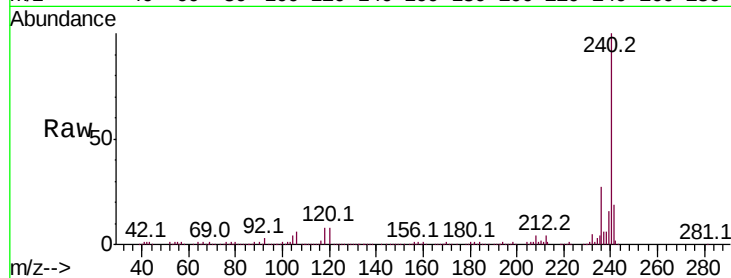
Tot Ion:240 Resp: 304693

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

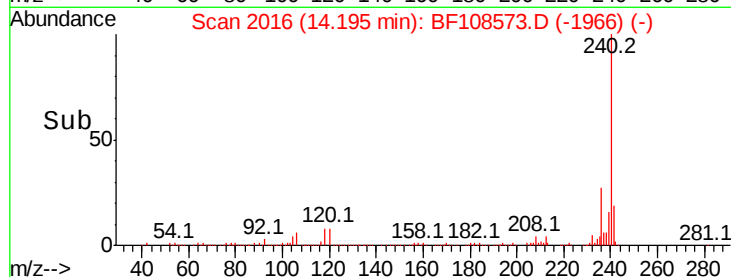
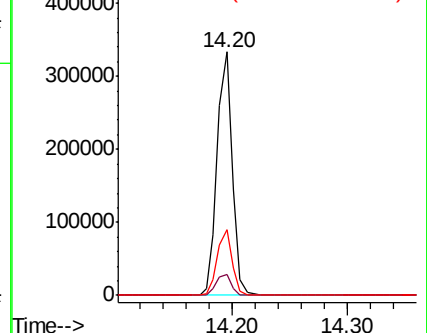
236 27.1 20.7 31.1



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: 20.350 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108573.D

Acq: 28 Aug 2018 23:17

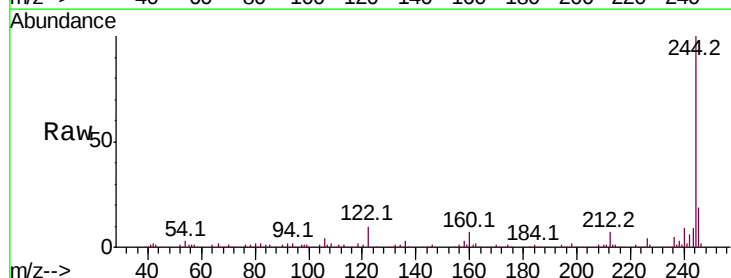
Tgt Ion:244 Resp: 243866

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

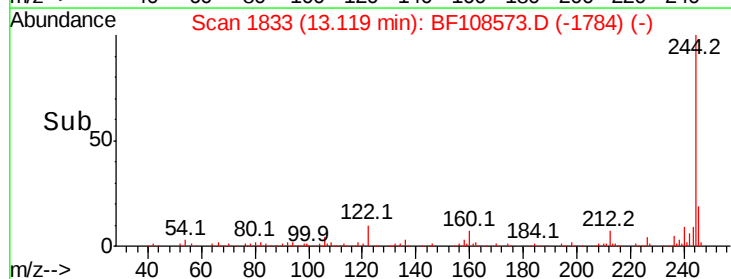
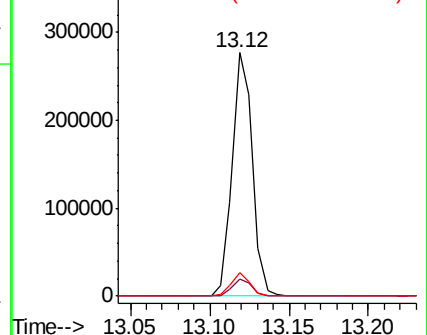
122 9.5 11.0 16.4#

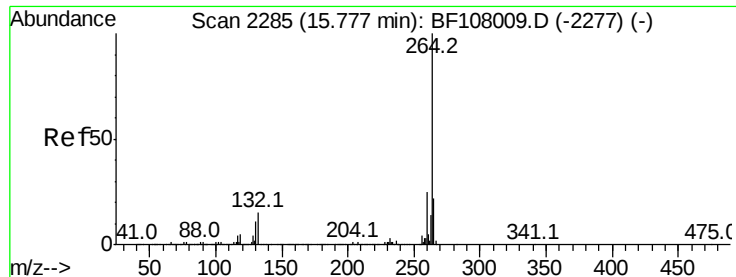


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

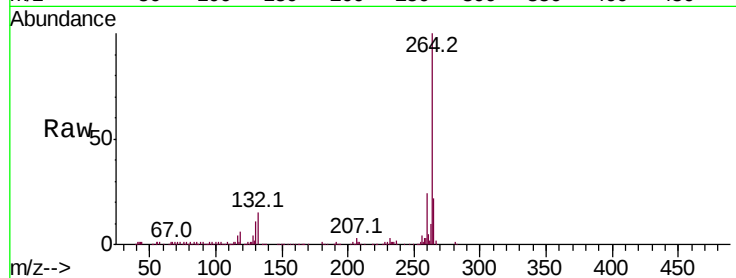




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108573.D
Acq: 28 Aug 2018 23:17

Instrument :
BNA_F
ClientSampleId :
TMW-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	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

