

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 01:37:50 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

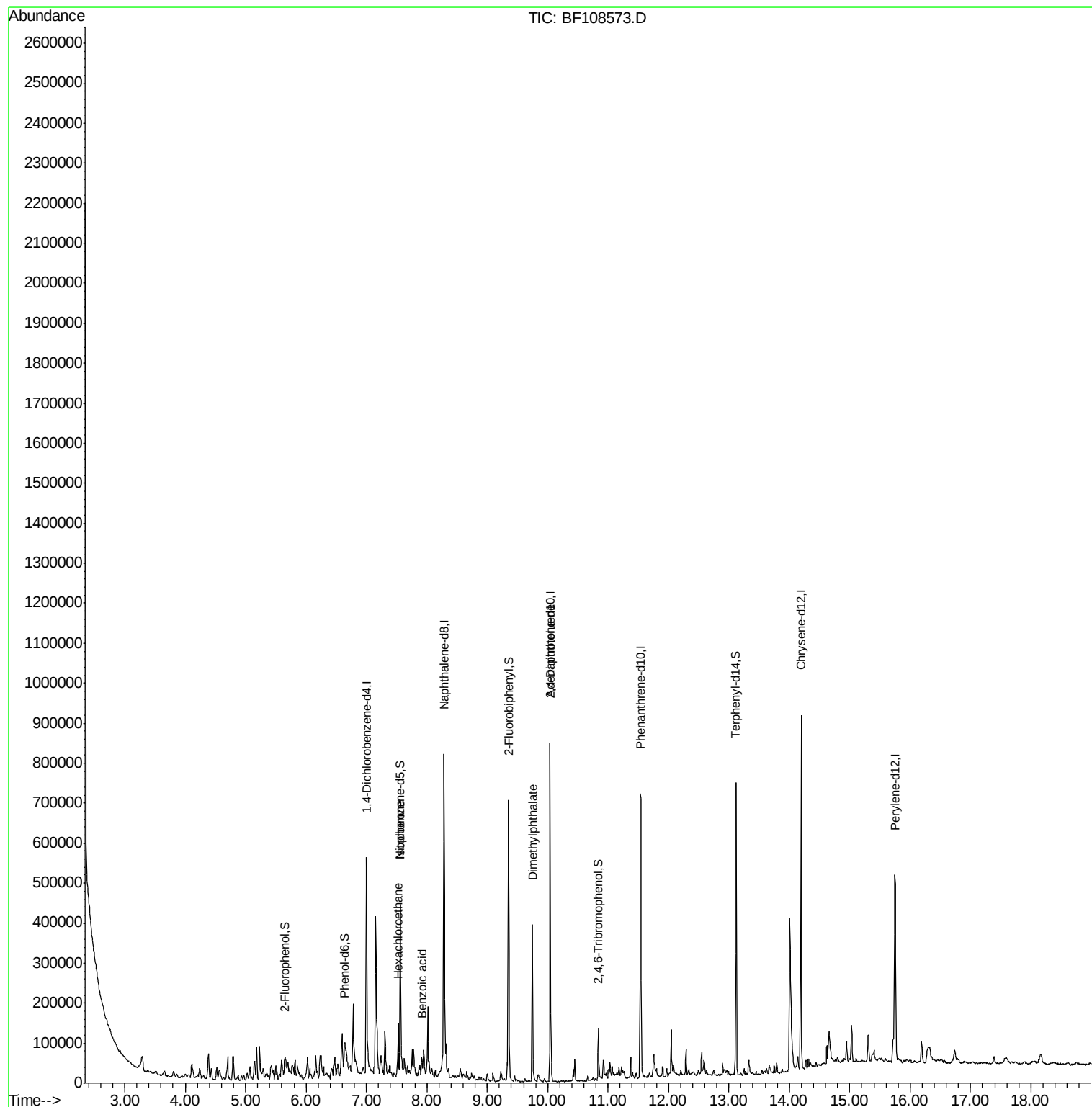
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	105997	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	391613	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	167680	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	289716	20.00	ng	0.00
75) Chrysene-d12	14.20	240	304693	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						
18) Hexachloroethane	7.52	117	11100	4.070	ng	# 1
25) Isophorone	7.56	82	127214	9.510	ng	# 65
32) Benzoic acid	7.93	122	114	6.003	ng	# 1
49) Dimethylphthalate	9.75	163	177993	15.239	ng	99
56) 2,4-Dinitrotoluene	10.04	165	21476	6.827	ng	# 24

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

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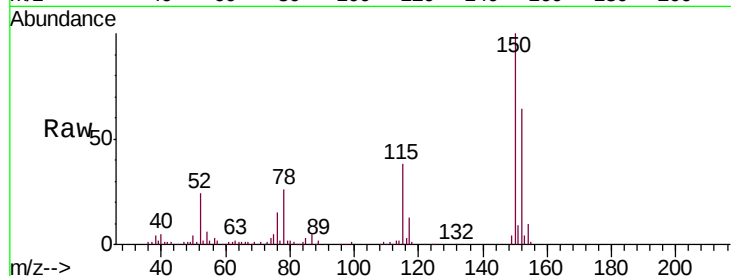


#1

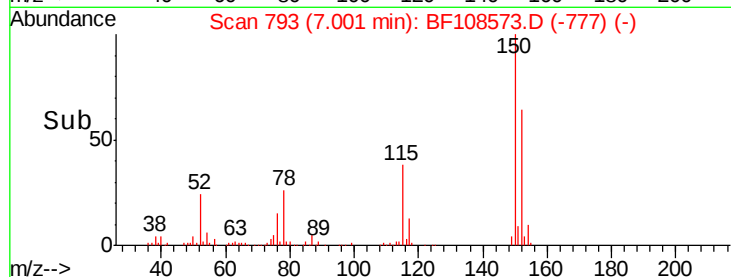
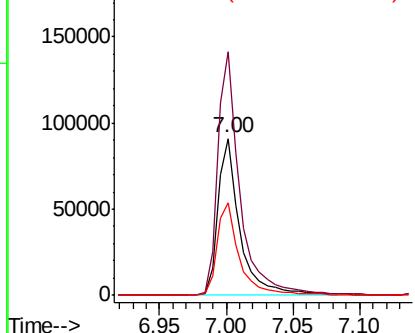
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108573.D
Acq: 28 Aug 2018 23:17

Instrument :
BNA_F
ClientSampleId :
TMW-1

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



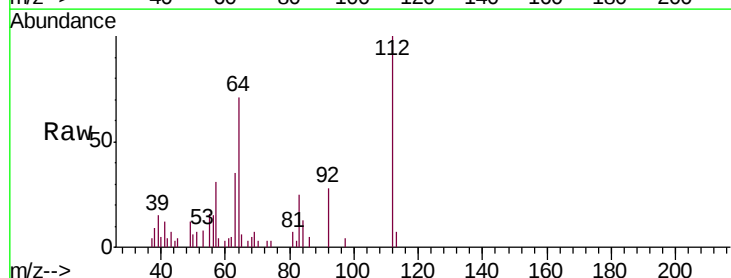
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



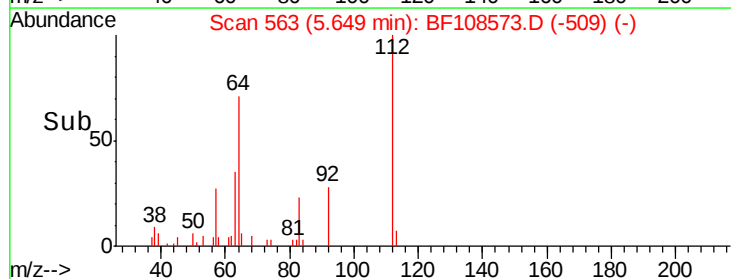
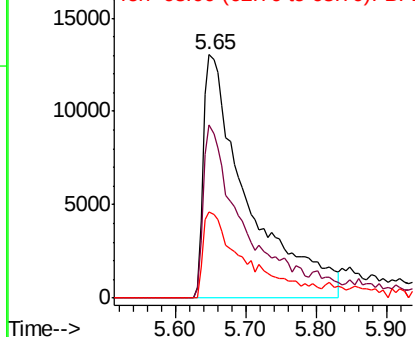
#5

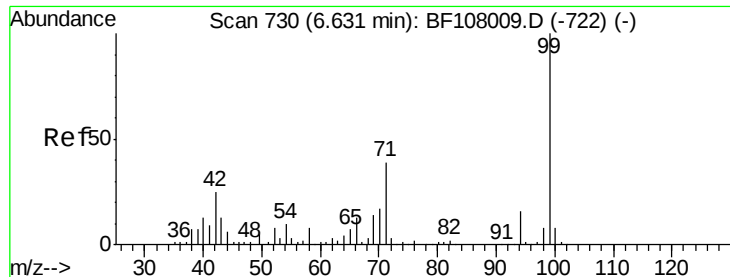
2-Fluorophenol
Concen: 9.795 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108573.D
Acq: 28 Aug 2018 23:17

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

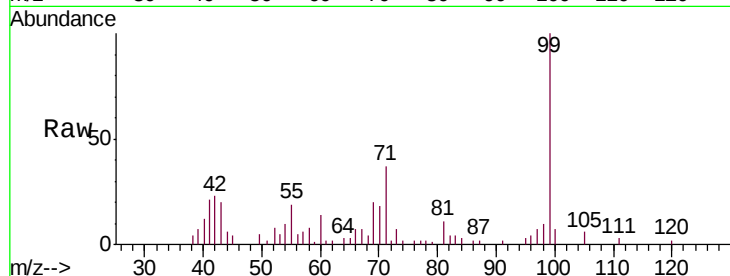
Tgt Ion: 99 Resp: 67606

Ion Ratio Lower Upper

99 100

42 23.3 14.5 21.7#

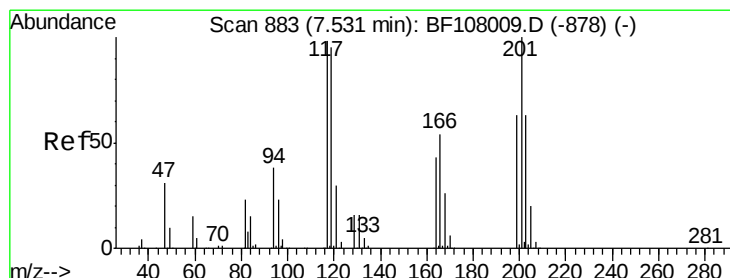
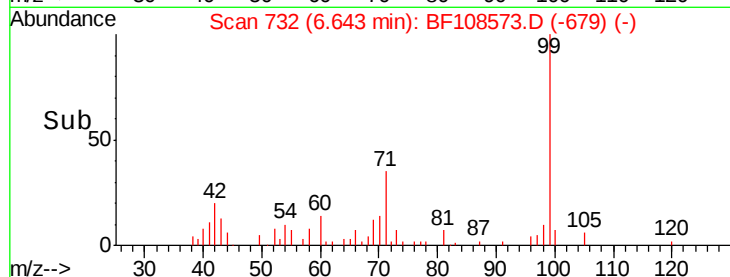
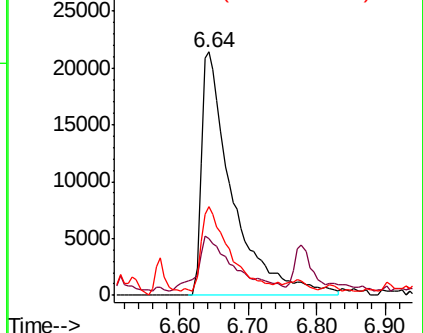
71 36.6 25.4 38.0



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



#18

Hexachloroethane

Concen: 4.070 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF108573.D

Acq: 28 Aug 2018 23:17

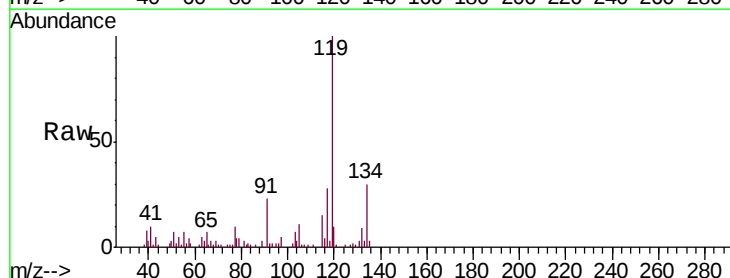
Tgt Ion: 117 Resp: 11100

Ion Ratio Lower Upper

117 100

119 359.2 75.8 113.8#

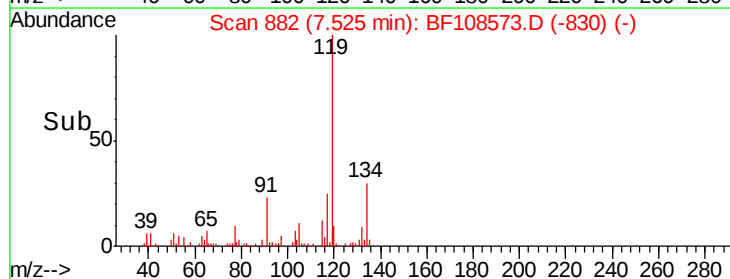
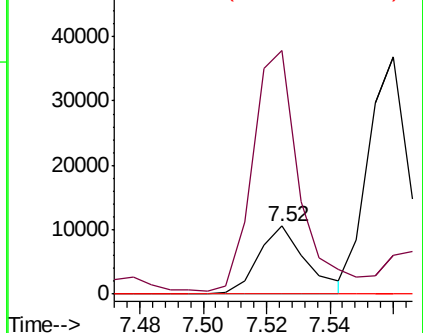
201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

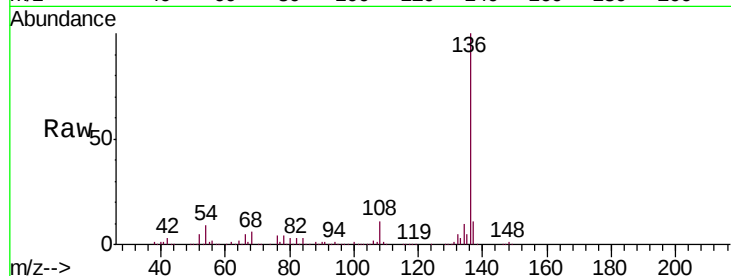




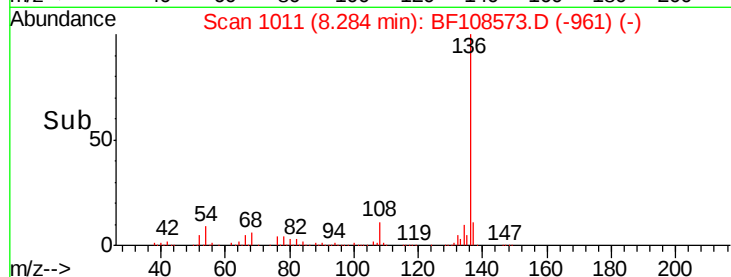
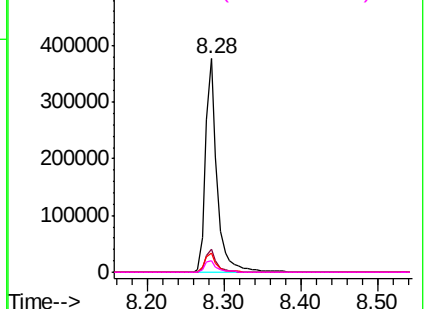
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108573.D
Acq: 28 Aug 2018 23:17

Instrument :
BNA_F
ClientSampleId :
TMW-1

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

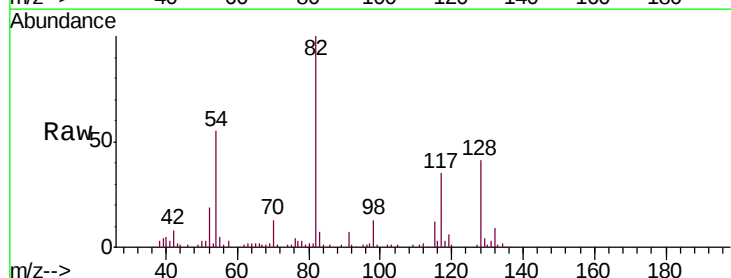


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

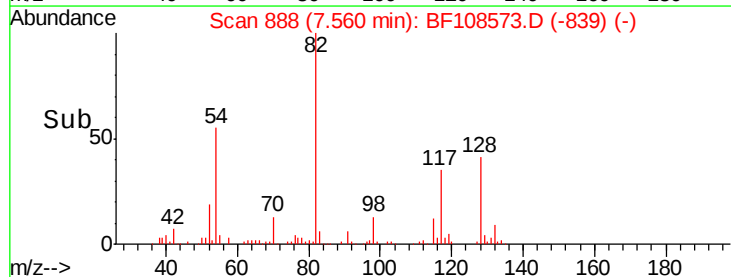
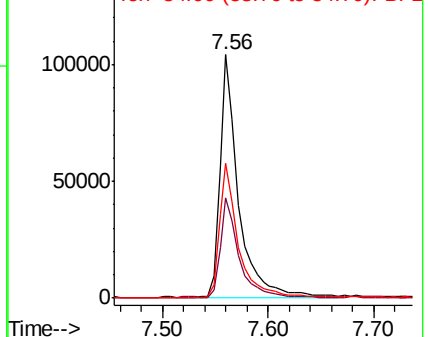


#23
Nitrobenzene-d5
Concen: 18.180 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108573.D
Acq: 28 Aug 2018 23:17

Tgt 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): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 9.510 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF108573.D

Acq: 28 Aug 2018 23:17

Instrument :

BNA_F

ClientSampleId :

TMW-1

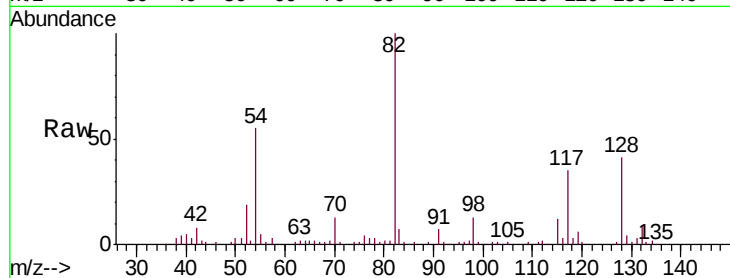
Tgt Ion: 82 Resp: 127214

Ion Ratio Lower Upper

82 100

95 1.0 5.2 7.8#

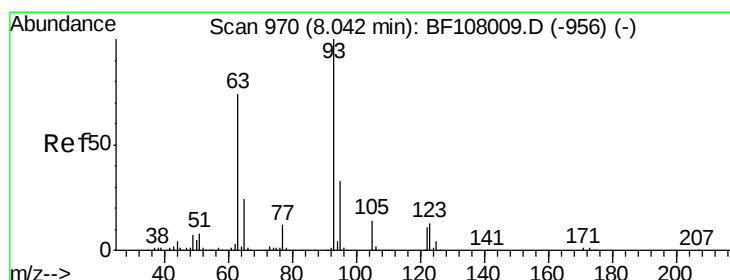
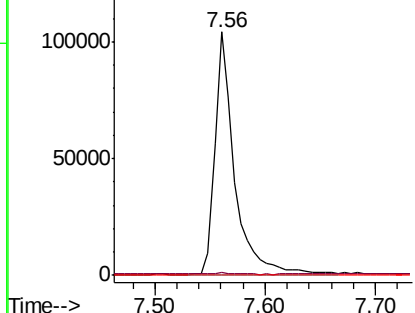
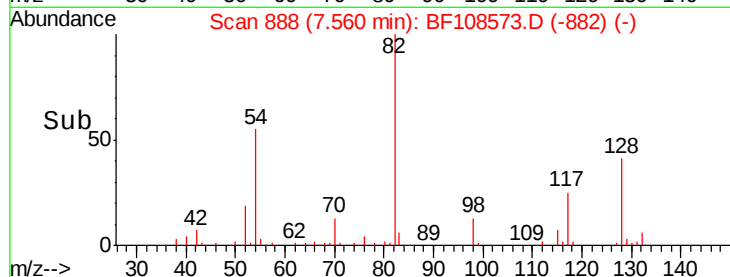
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 6.003 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.11 min

Lab File: BF108573.D

Acq: 28 Aug 2018 23:17

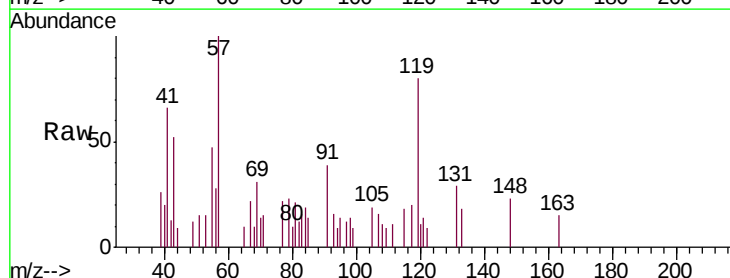
Tgt Ion: 122 Resp: 114

Ion Ratio Lower Upper

122 100

105 204.7 101.1 141.1#

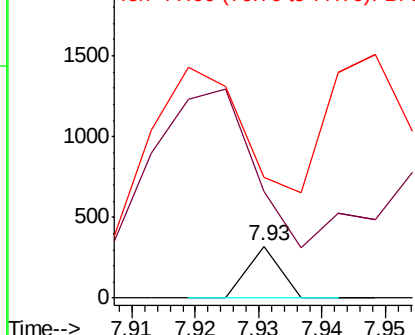
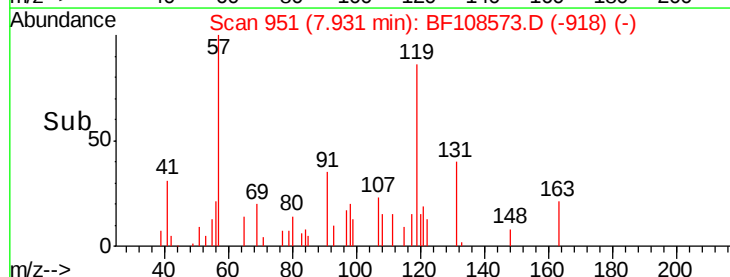
77 232.6 70.7 110.7#

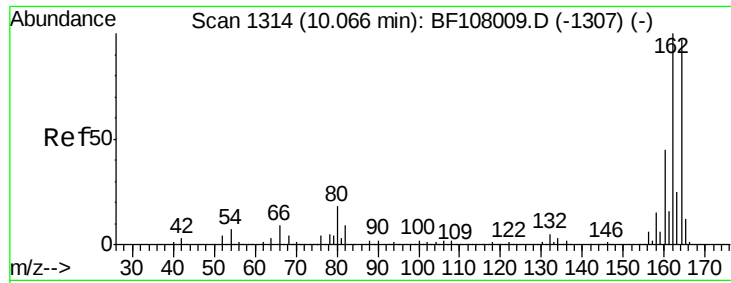


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): 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

Instrument :

BNA_F

ClientSampled :

TMW-1

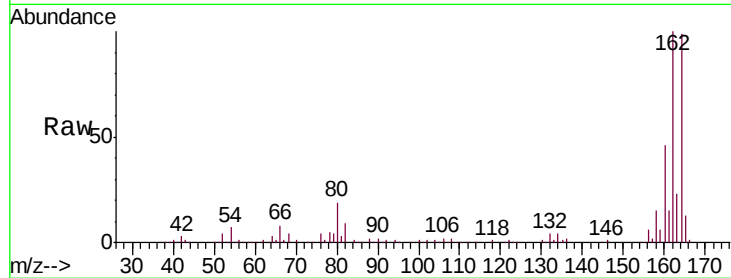
Tgt Ion:164 Resp: 167680

Ion Ratio Lower Upper

164 100

162 101.2 86.1 129.1

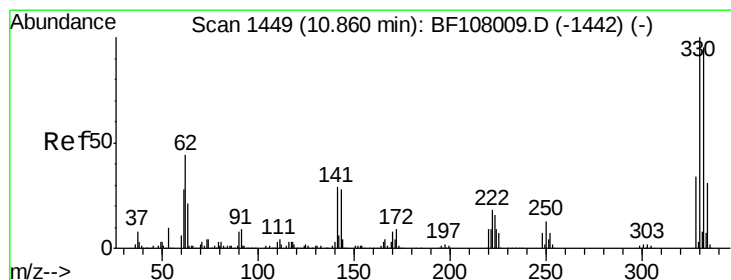
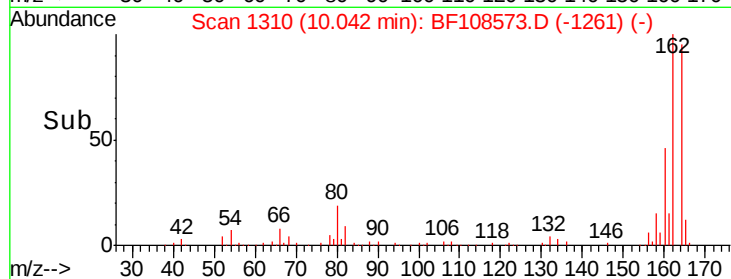
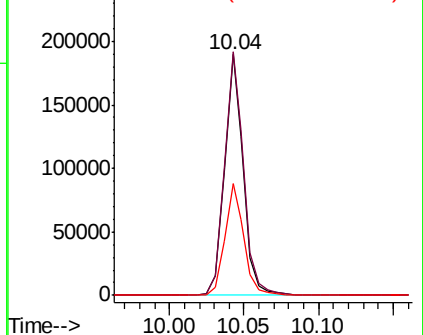
160 46.3 38.3 57.5



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

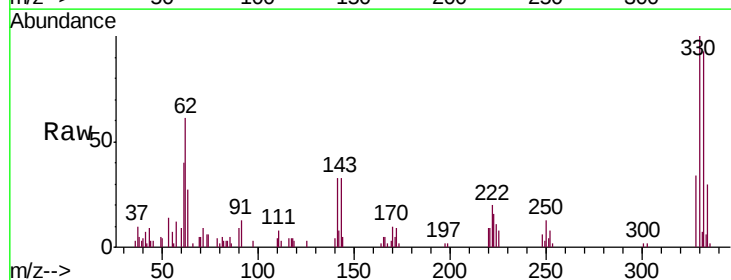
Tgt Ion:330 Resp: 17348

Ion Ratio Lower Upper

330 100

332 98.4 77.0 115.6

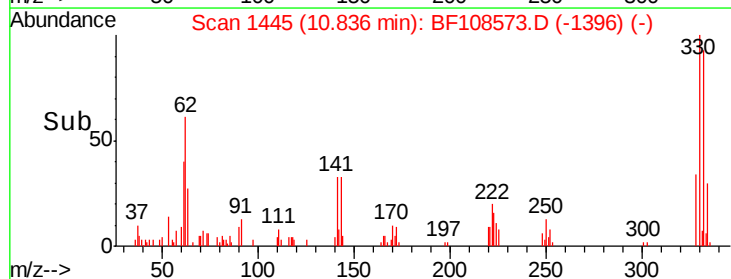
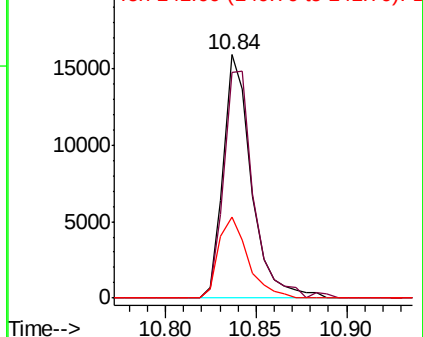
141 34.6 29.9 44.9

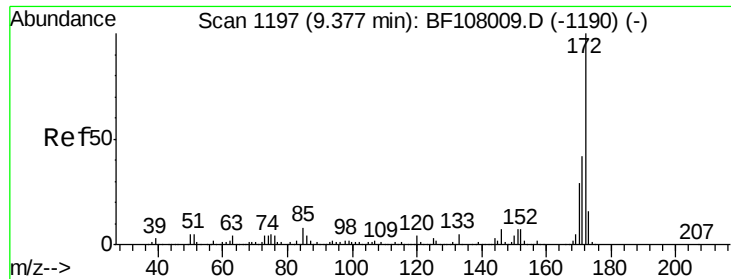


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

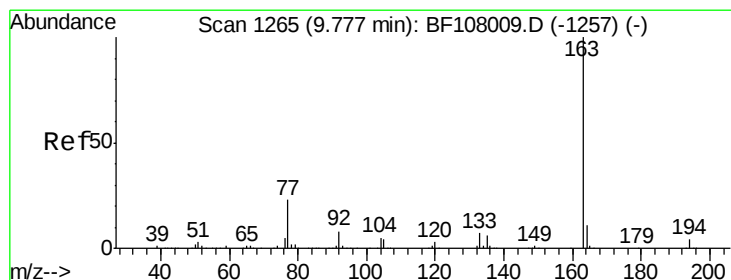
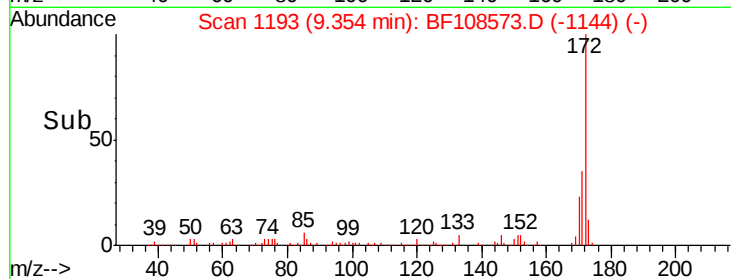
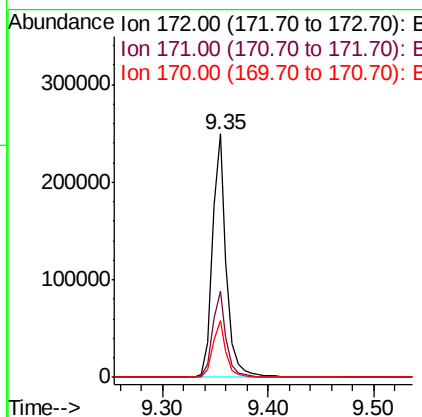
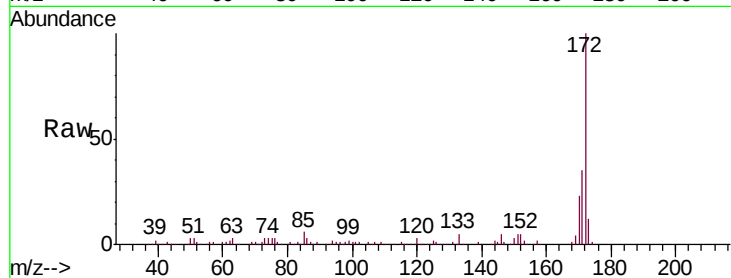




#44
 2-Fluorobiphenyl
 Concen: 22.085 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108573.D
 Acq: 28 Aug 2018 23:17

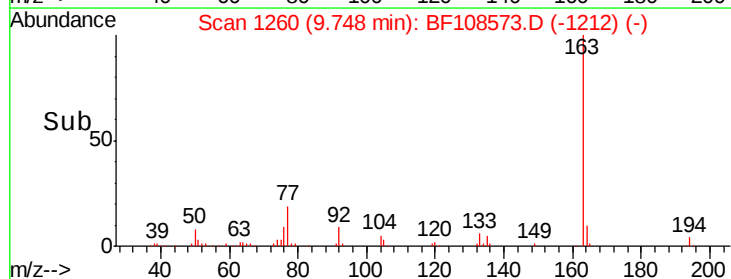
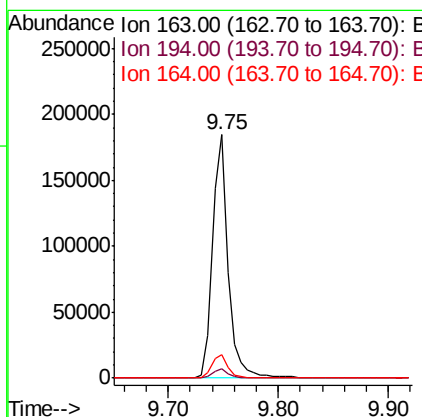
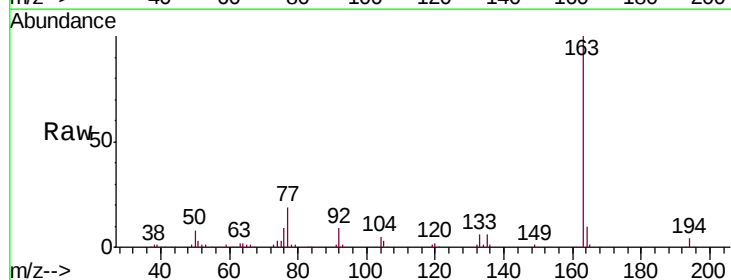
Instrument :
 BNA_F
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.3	19.6	29.4



#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

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.9	8.2	12.2

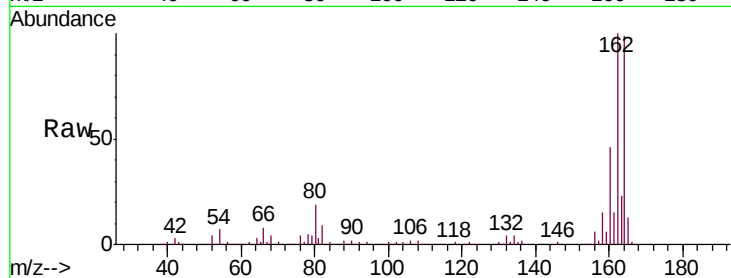




#56
 2,4-Dinitrotoluene
 Concen: 6.827 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108573.D
 Acq: 28 Aug 2018 23:17

Instrument :
 BNA_F
 ClientSampleId :
 TMW-1

Tgt Ion:	165	Resp:	21476
Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

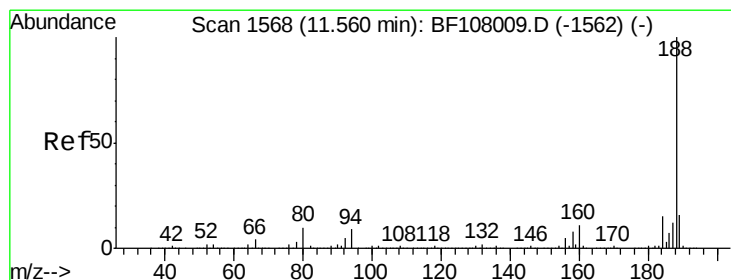
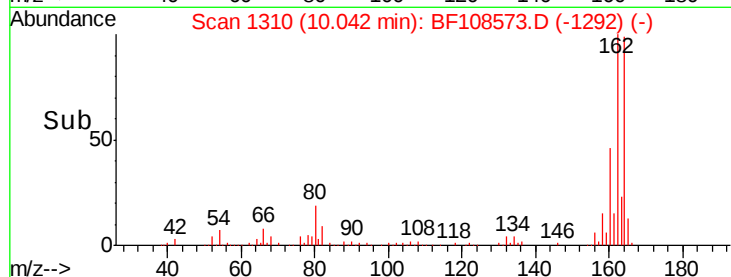
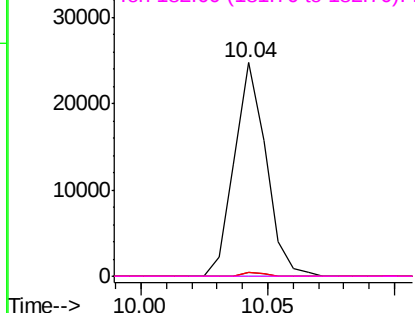


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

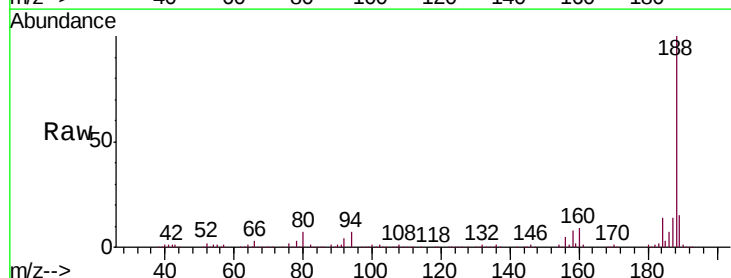
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): 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

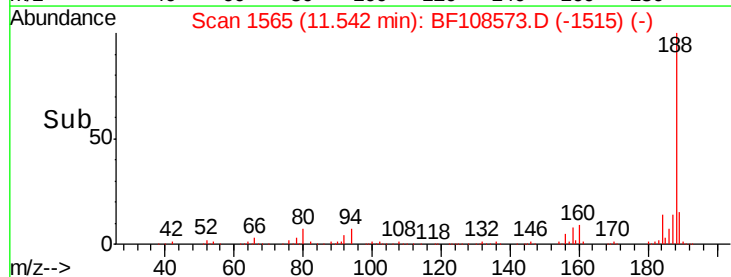
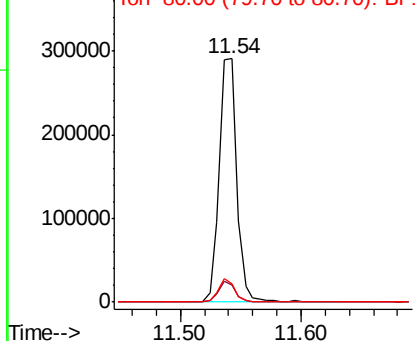
Tgt Ion:	188	Resp:	289716
Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.5	12.7#
80	7.5	9.2	13.8#

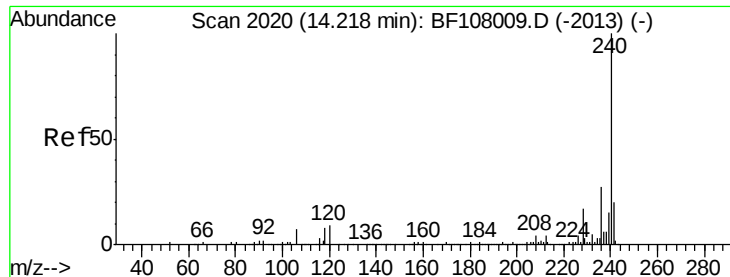


Abundance Ion 188.00 (187.70 to 188.70): E

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

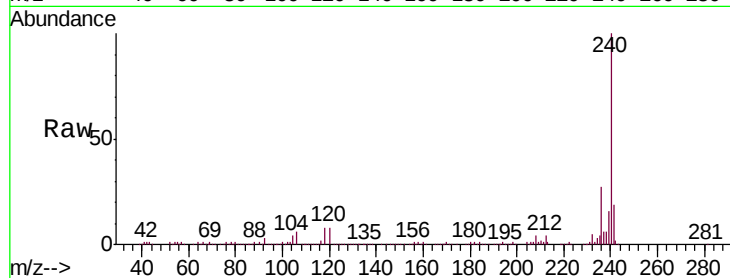
Tgt Ion:240 Resp: 304693

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

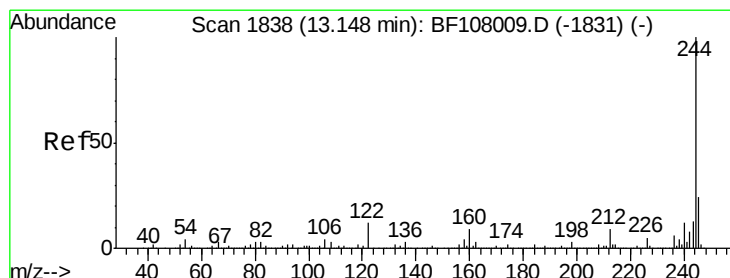
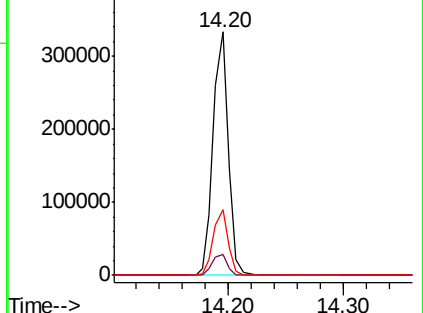
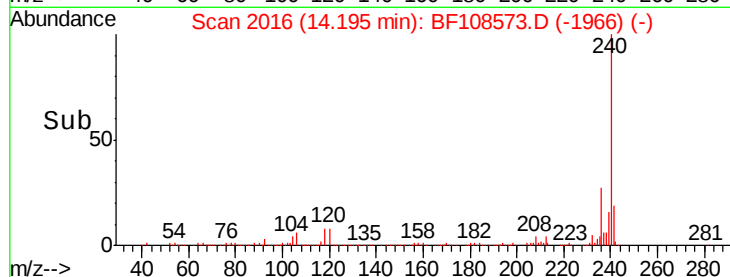
236 27.1 20.7 31.1



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

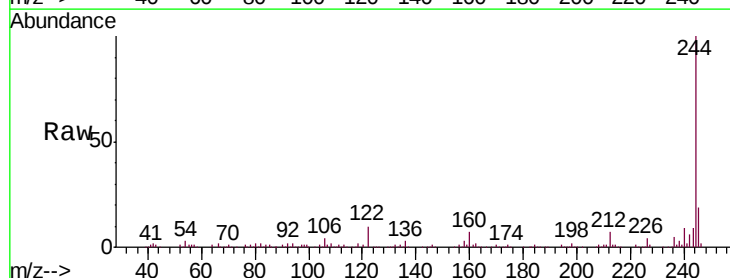
Tgt Ion:244 Resp: 243866

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

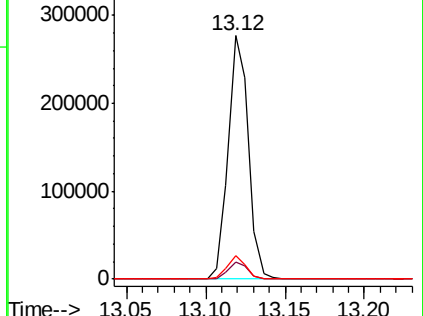
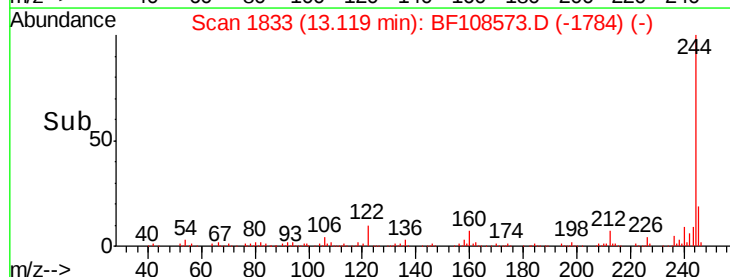
122 9.5 11.0 16.4#

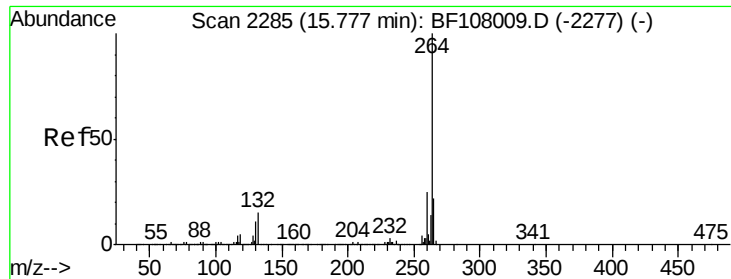


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.5	26.3

