

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
 Data File : BF108956.D
 Acq On : 12 Sep 2018 18:06
 Operator : JU/SJ
 Sample : J4724-16 50X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

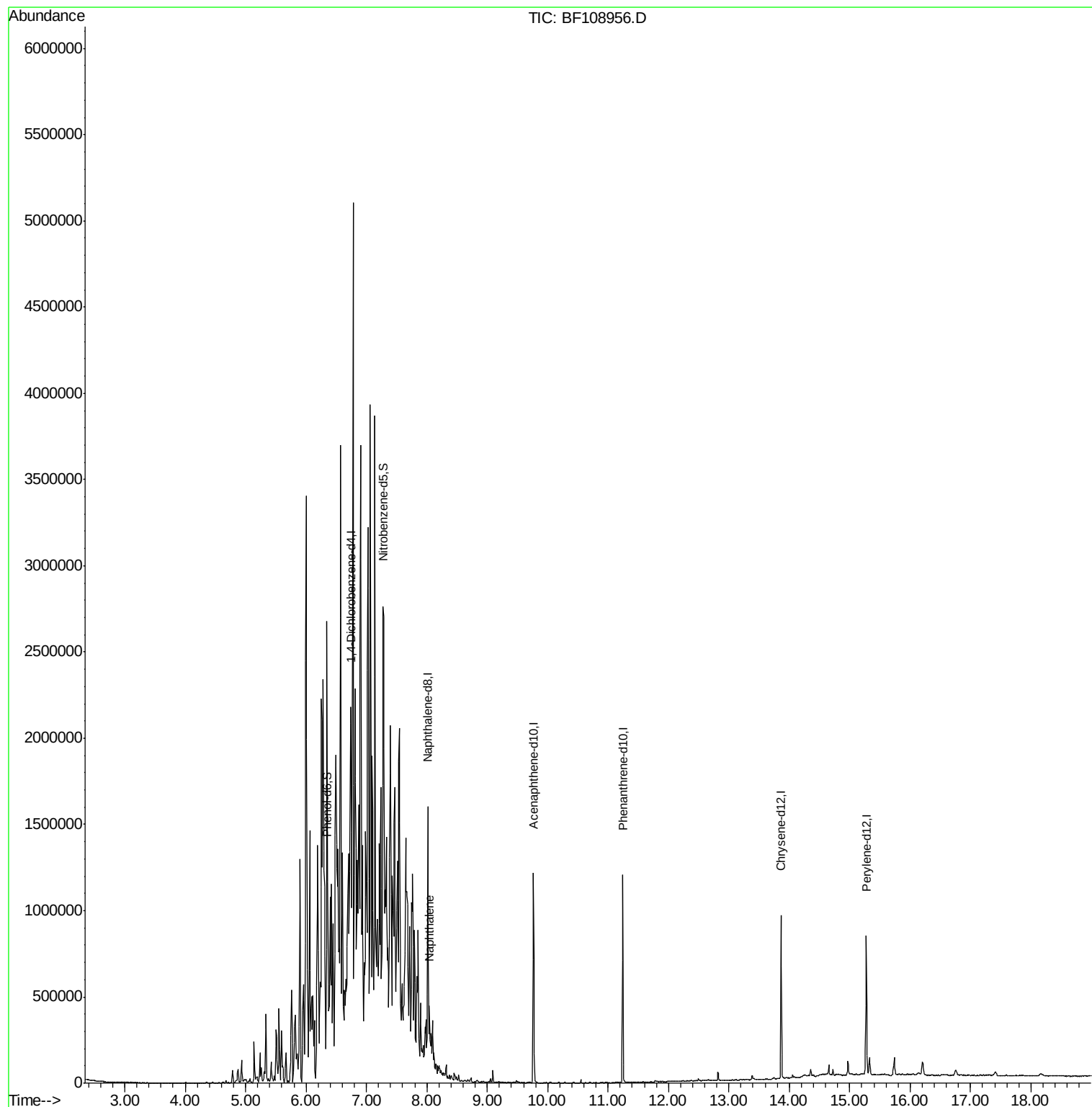
Quant Time: Sep 13 02:25:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

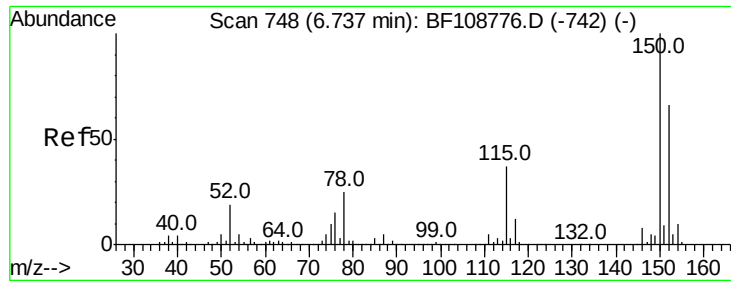
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	121707	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	491035	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	231420	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	406008	20.00	ng	0.00
75) Chrysene-d12	13.87	240	295311	20.00	ng	0.00
86) Perylene-d12	15.28	264	353074	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	13223	1.80	ng	0.00
7) Phenol-d6	6.36	99	25978	2.75	ng	0.00
23) Nitrobenzene-d5	7.28	82	74712	9.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	2887	1.31	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	22106	1.63	ng	0.00
78) Terphenyl-d14	12.82	244	17657	1.39	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.04	128	94351	4.271	ng	98

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

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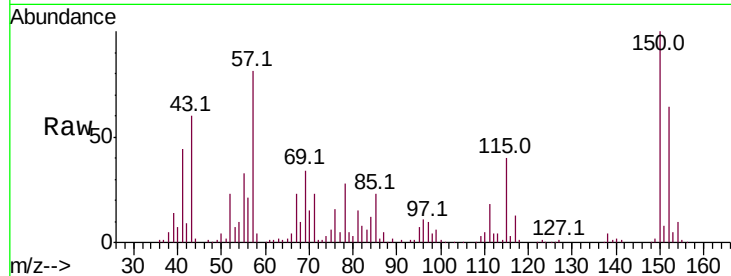




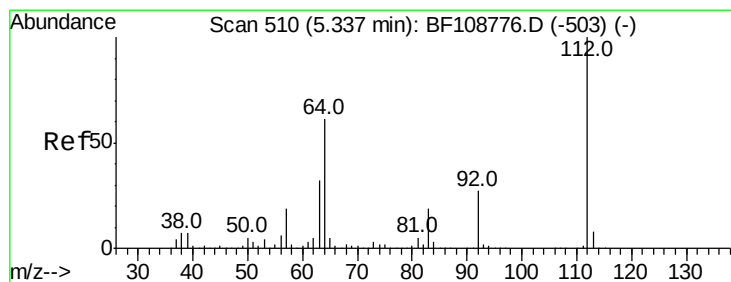
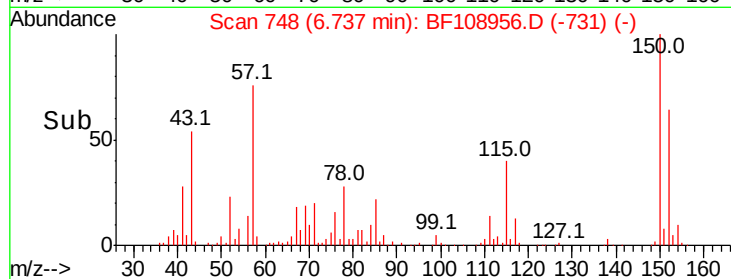
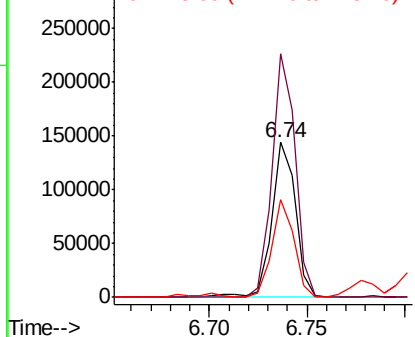
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108956.D
Acq: 12 Sep 2018 18:06

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	62.8	50.1	75.1



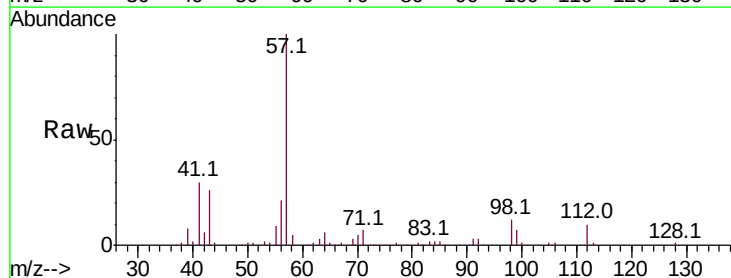
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



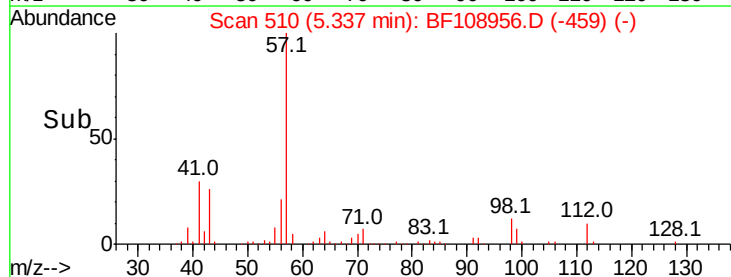
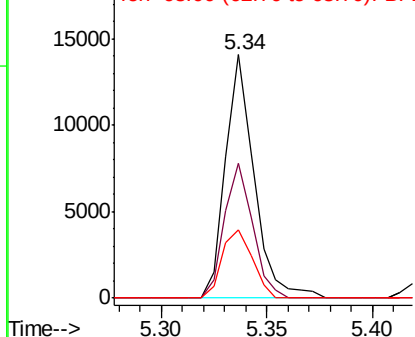
#5

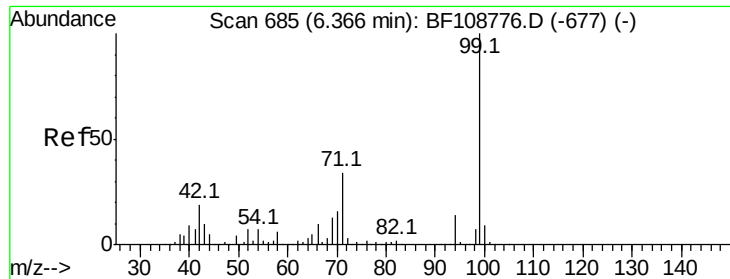
2-Fluorophenol
Concen: 1.800 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF108956.D
Acq: 12 Sep 2018 18:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	27.9	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: 2.748 ng

RT: 6.36 min Scan# 684

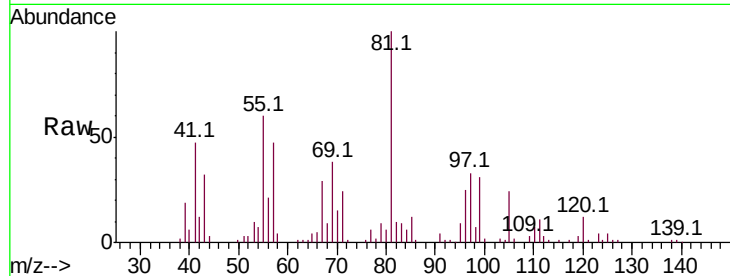
Delta R.T. -0.01 min

Lab File: BF108956.D

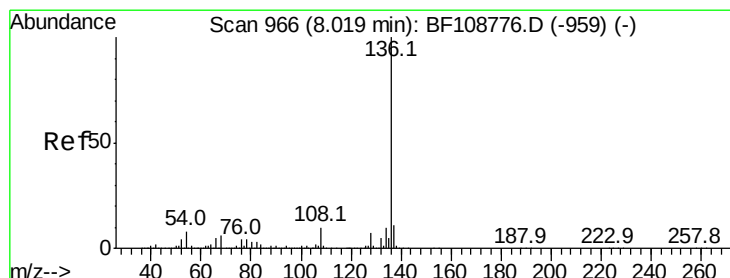
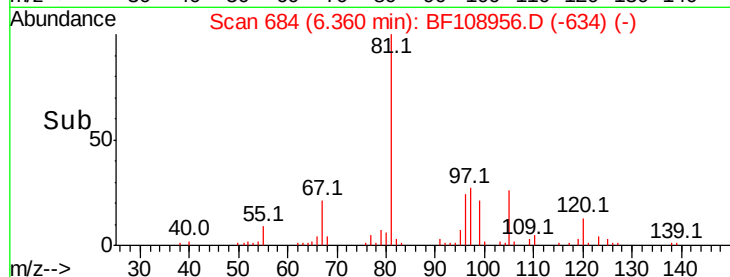
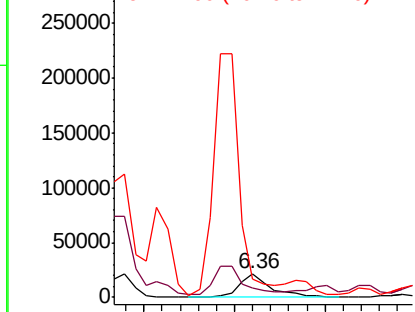
Acq: 12 Sep 2018 18:06

Tot Ion: 99 Resp: 25978

Ion	Ratio	Lower	Upper
99	100		
42	38.2	14.5	21.7#
71	75.5	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: 8.02 min Scan# 966

Delta R.T. -0.00 min

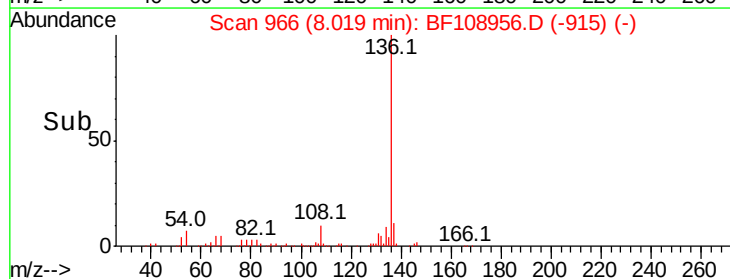
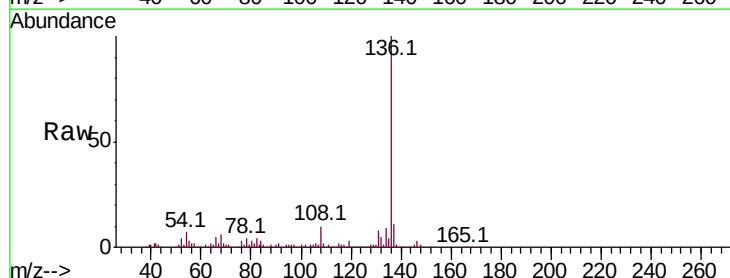
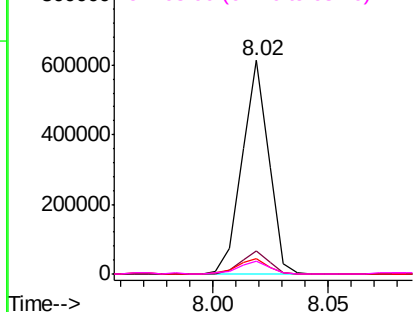
Lab File: BF108956.D

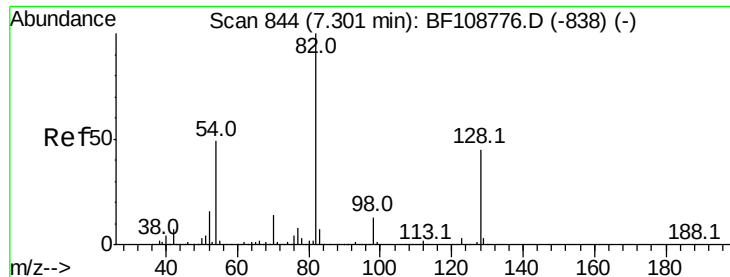
Acq: 12 Sep 2018 18:06

Tgt Ion: 136 Resp: 491035

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	6.6	9.8
68	6.3	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: 9.522 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.02 min

Lab File: BF108956.D

Acq: 12 Sep 2018 18:06

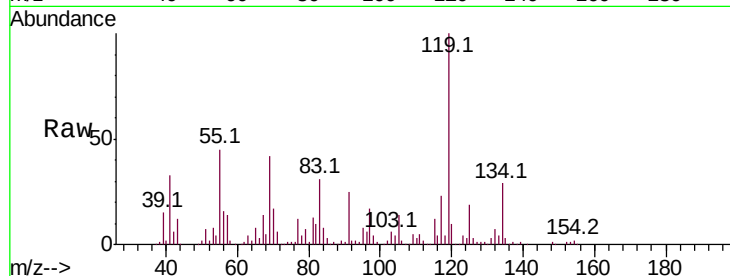
Tot Ion: 82 Resp: 74712

Ion Ratio Lower Upper

82 100

128 13.8 36.1 54.1#

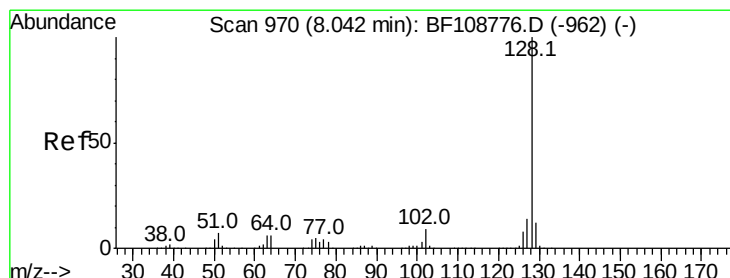
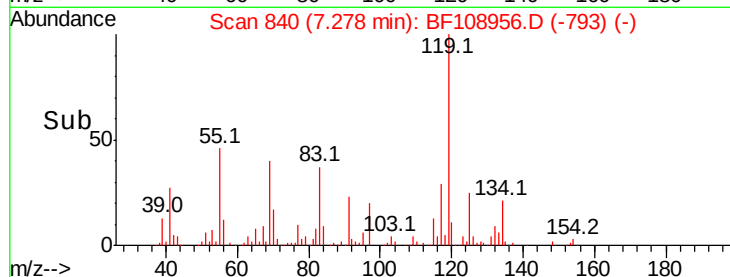
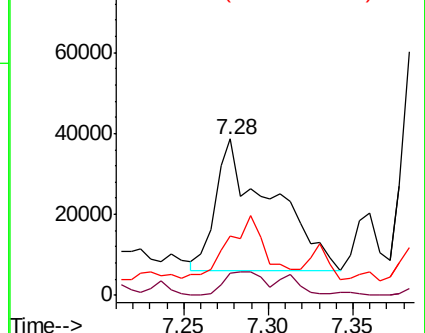
54 37.6 41.4 62.2#



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: 4.271 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF108956.D

Acq: 12 Sep 2018 18:06

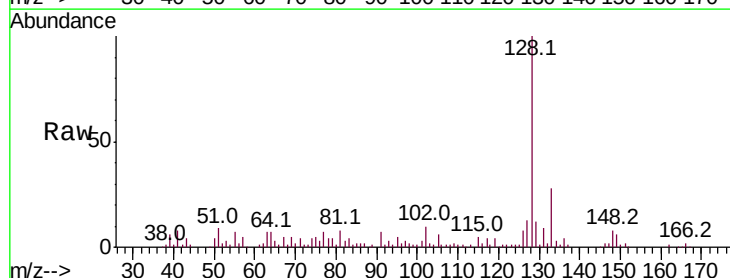
Tgt Ion:128 Resp: 94351

Ion Ratio Lower Upper

128 100

129 12.1 8.8 13.2

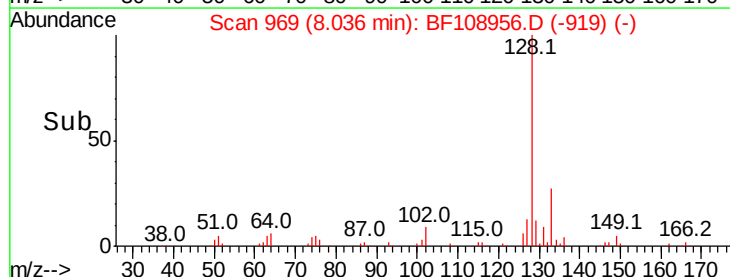
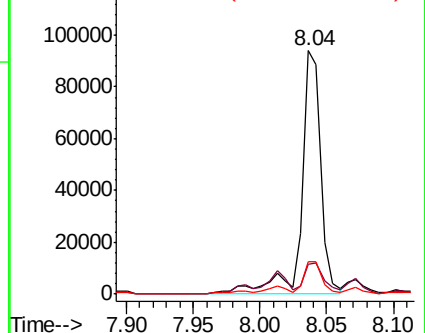
127 13.4 10.9 16.3

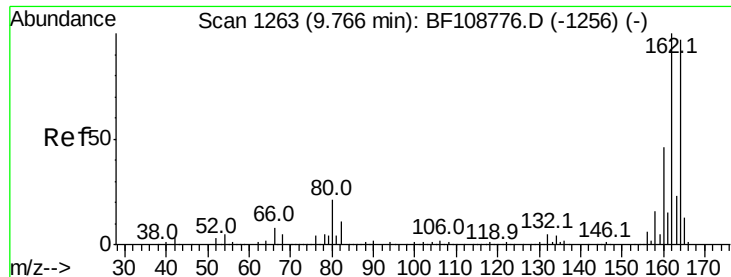


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

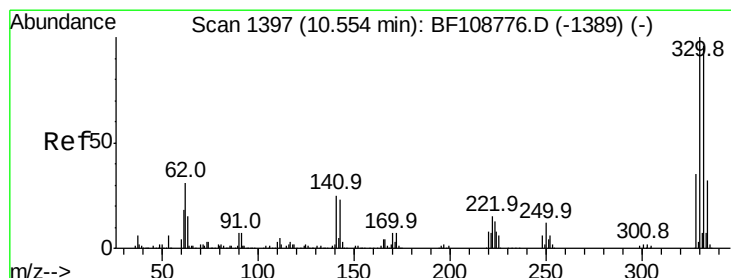
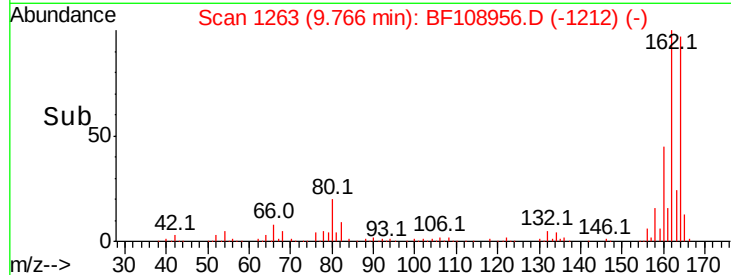
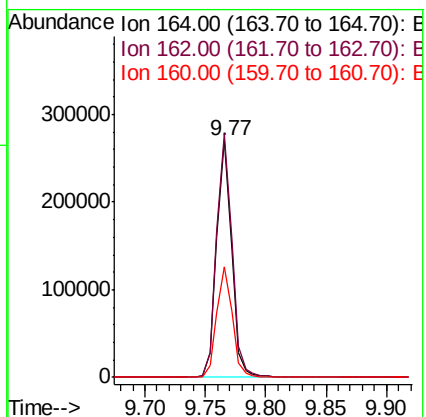
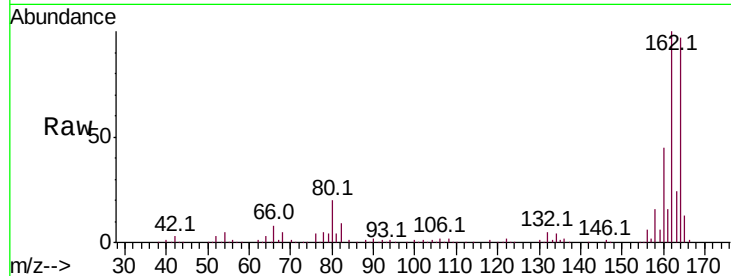
Ion 127.00 (126.70 to 127.70): E





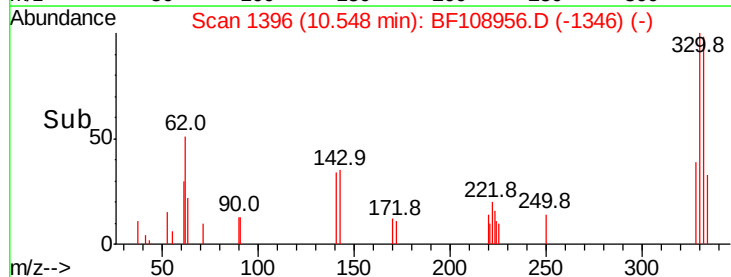
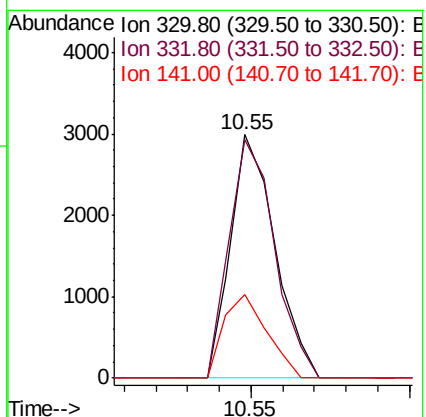
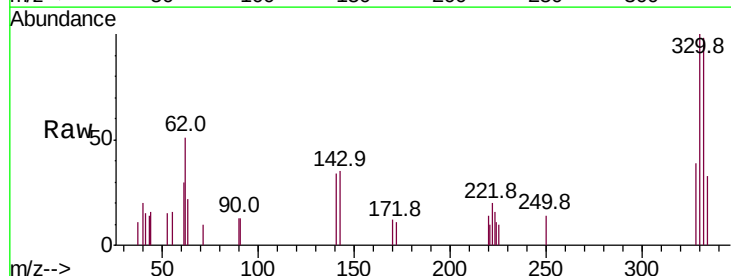
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108956.D
Acq: 12 Sep 2018 18:06

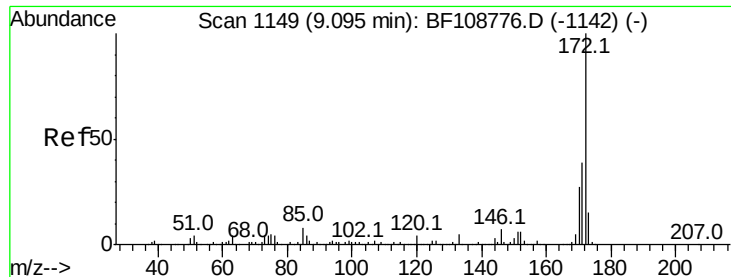
Tot Ion:164 Resp: 231420
Ion Ratio Lower Upper
164 100
162 102.7 86.1 129.1
160 46.5 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 1.307 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108956.D
Acq: 12 Sep 2018 18:06

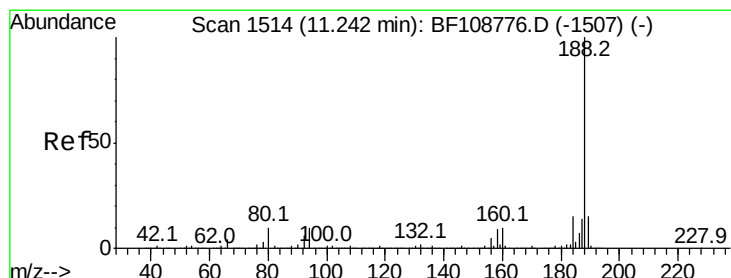
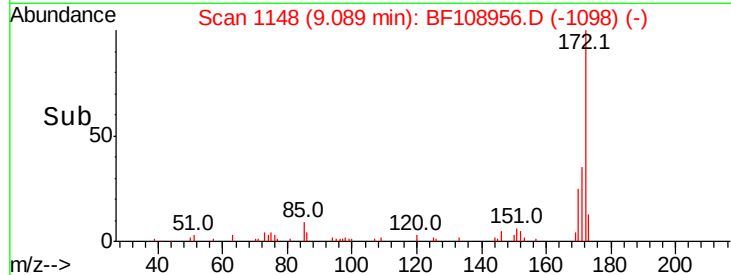
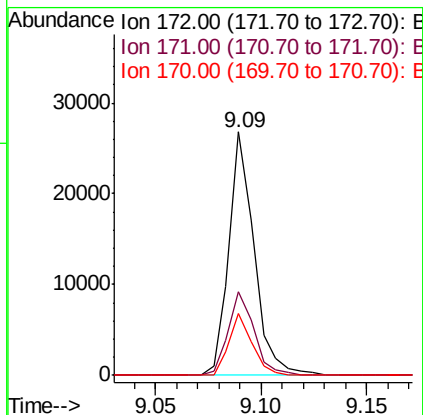
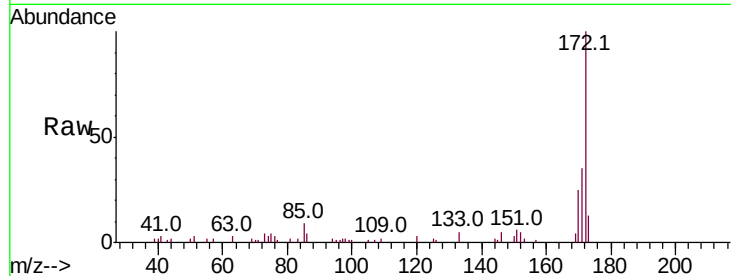
Tgt Ion:330 Resp: 2887
Ion Ratio Lower Upper
330 100
332 100.6 77.0 115.6
141 33.2 29.9 44.9





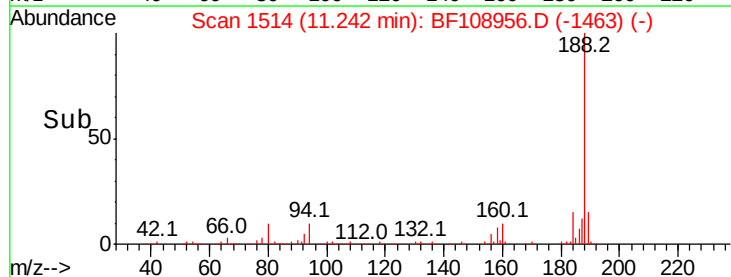
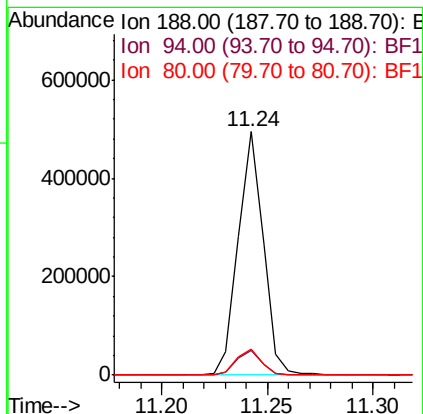
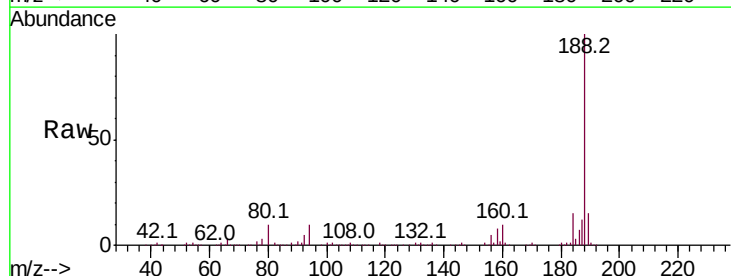
#44
2-Fluorobiphenyl
Concen: 1.630 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108956.D
Acq: 12 Sep 2018 18:06

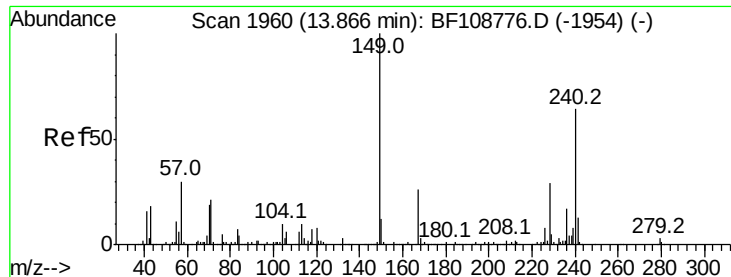
Tot Ion:172 Resp: 22106
Ion Ratio Lower Upper
172 100
171 34.6 29.7 44.5
170 25.4 19.6 29.4



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108956.D
Acq: 12 Sep 2018 18:06

Tgt Ion:188 Resp: 406008
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.4 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108956.D

Acq: 12 Sep 2018 18:06

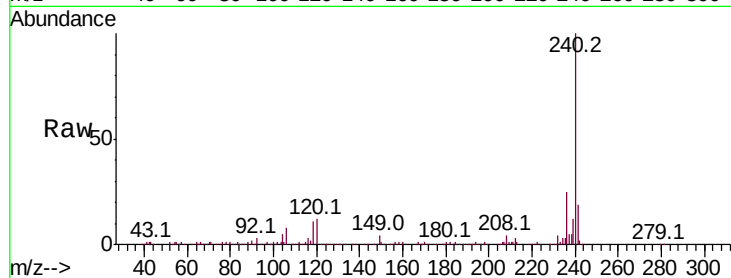
Tot Ion:240 Resp: 295311

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

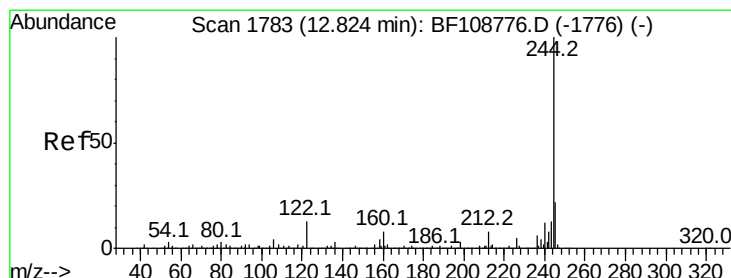
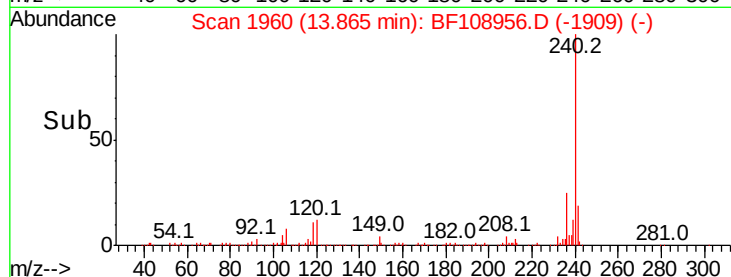
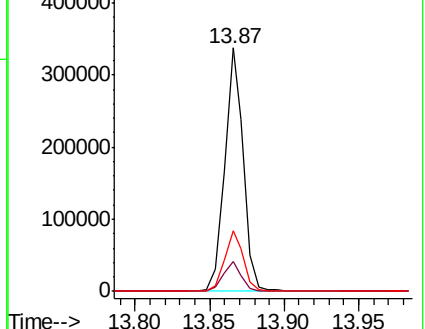
236 24.8 20.7 31.1



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: 1.394 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF108956.D

Acq: 12 Sep 2018 18:06

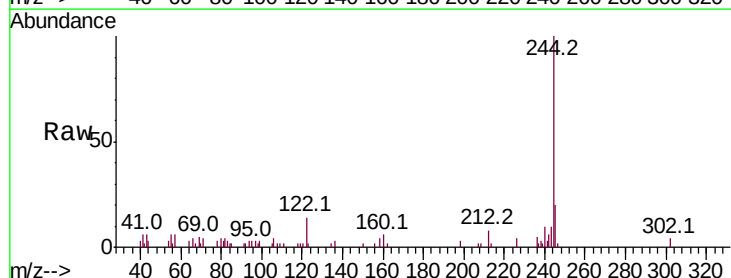
Tgt Ion:244 Resp: 17657

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

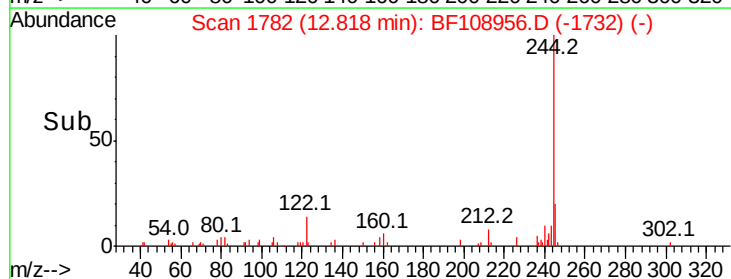
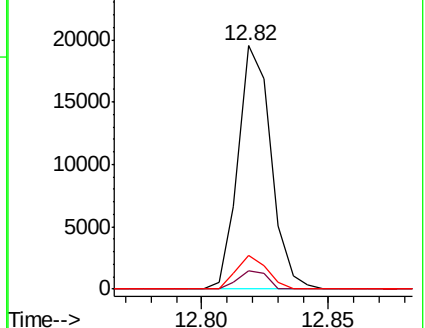
122 13.8 11.0 16.4

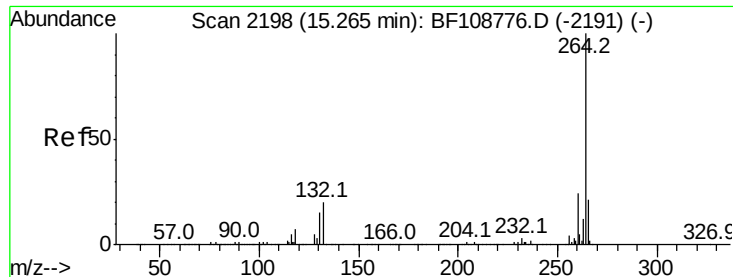


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

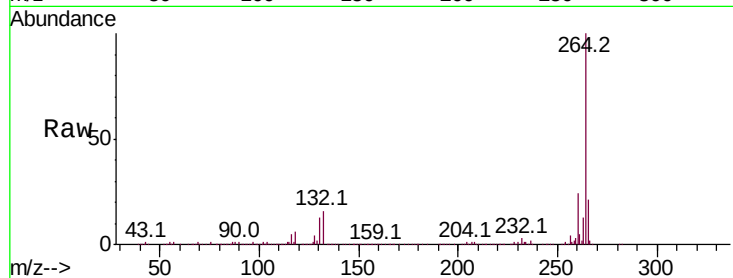
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108956.D
Acq: 12 Sep 2018 18:06

Tot Ion:264	Resp:	353074
Ion	Ratio	Lower Upper
264	100	
260	23.8	19.2 28.8
265	21.4	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

