

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
 Data File : BF108951.D
 Acq On : 12 Sep 2018 15:40
 Operator : JU/SJ
 Sample : PB112774BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 12 16:06:26 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

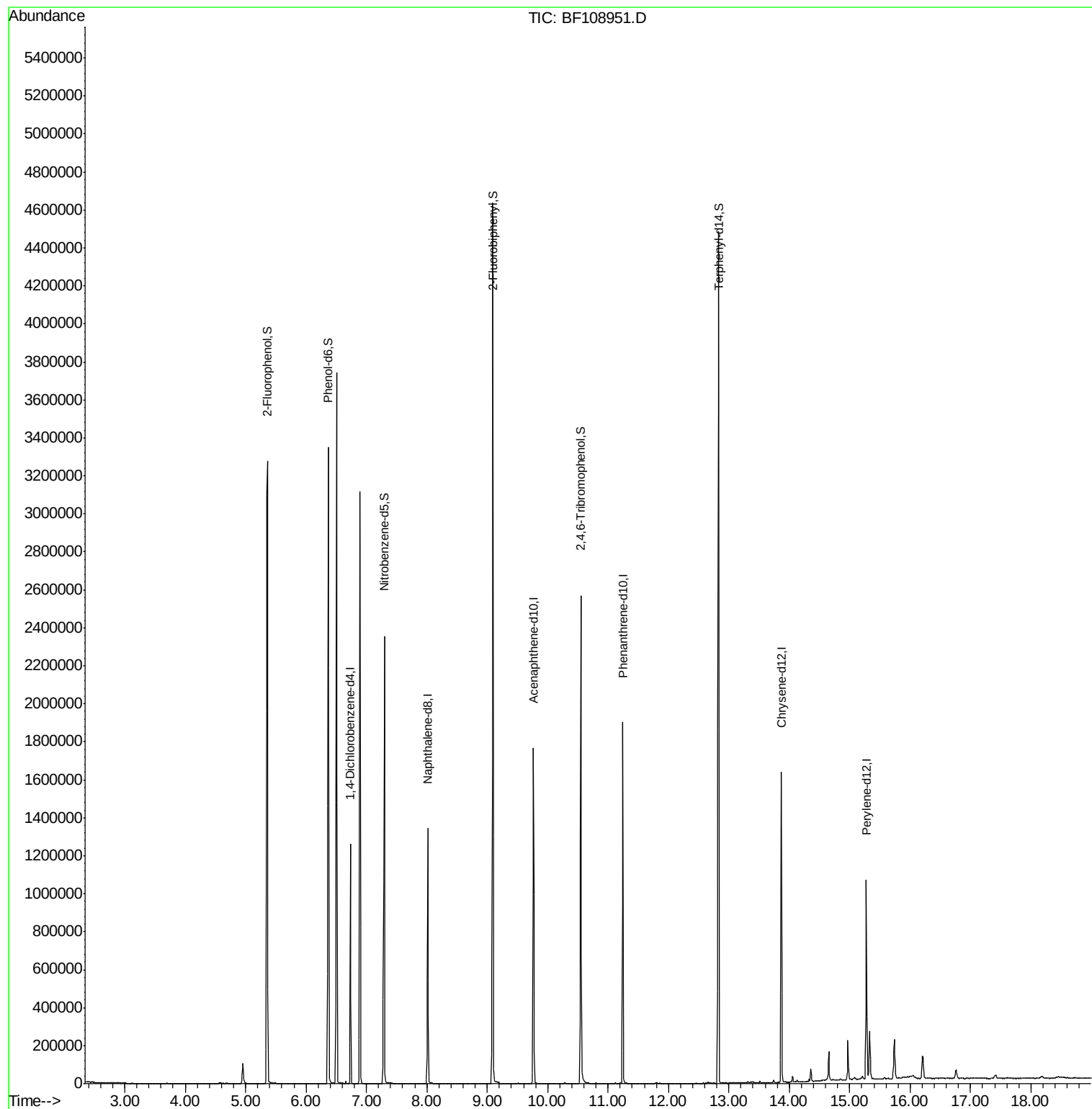
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	173813	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	673804	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	334114	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	663601	20.00	ng	0.00
75) Chrysene-d12	13.87	240	593685	20.00	ng	0.00
86) Perylene-d12	15.28	264	483218	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1021596	97.37	ng	0.02
7) Phenol-d6	6.37	99	1325658	98.20	ng	0.00
23) Nitrobenzene-d5	7.30	82	846238	78.60	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	366091	114.78	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1506430	76.92	ng	0.00
78) Terphenyl-d14	12.83	244	1629715	64.01	ng	0.00

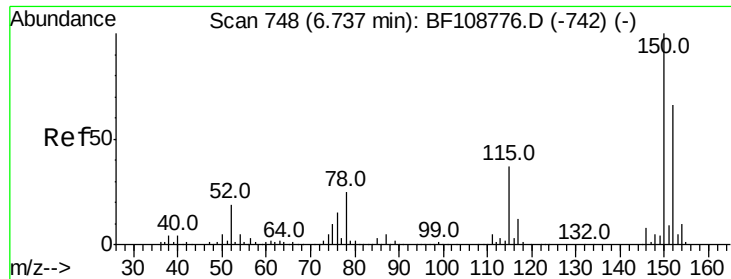
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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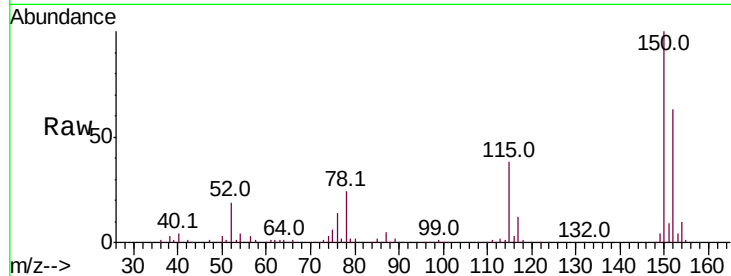




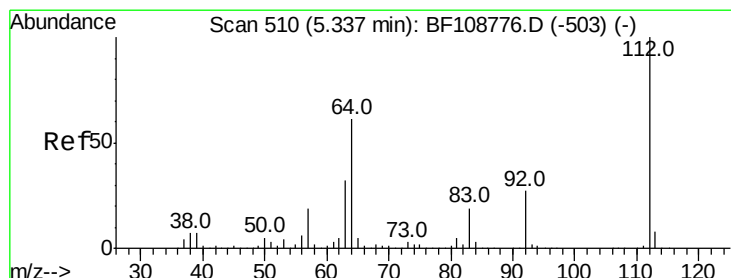
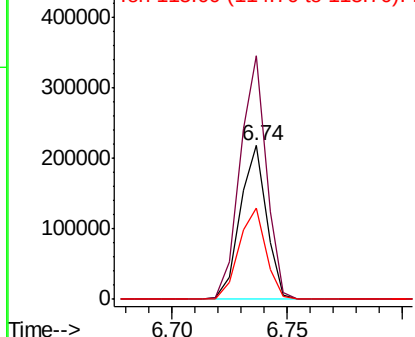
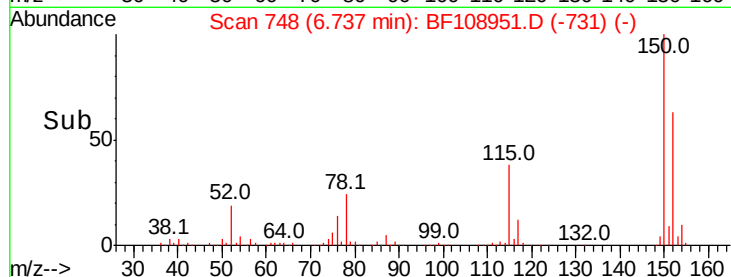
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108951.D
Acq: 12 Sep 2018 15:40

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	59.4	50.1	75.1



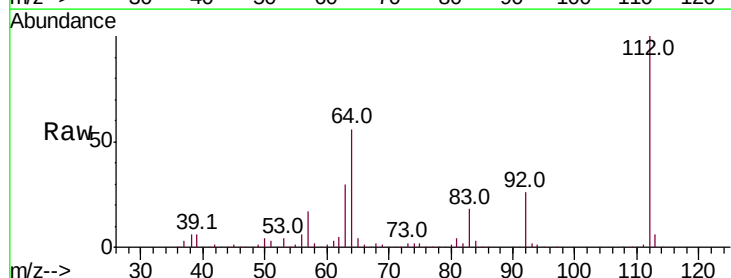
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



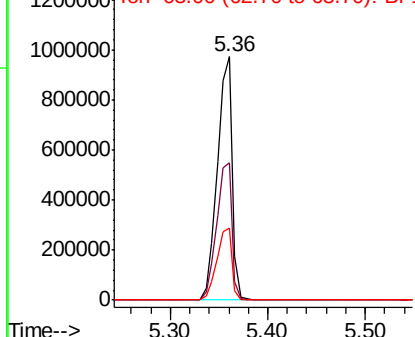
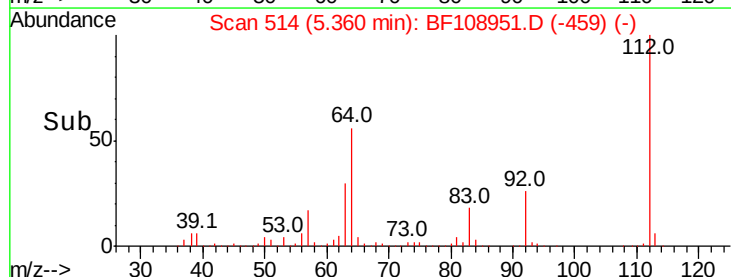
#5

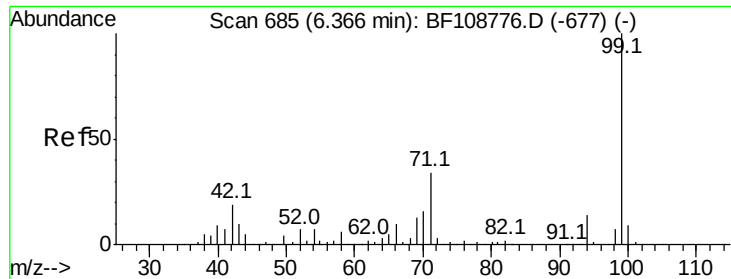
2-Fluorophenol
Concen: 97.372 ng
RT: 5.36 min Scan# 514
Delta R.T. 0.02 min
Lab File: BF108951.D
Acq: 12 Sep 2018 15:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	29.6	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: 98.202 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108951.D

Acq: 12 Sep 2018 15:40

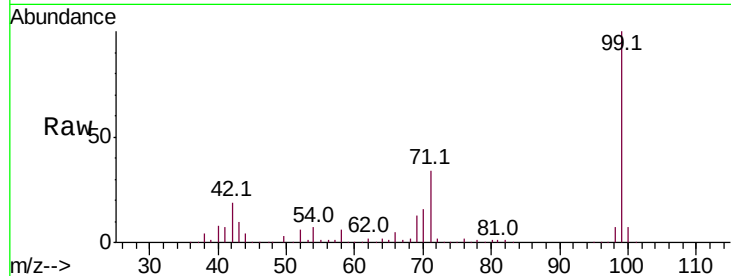
Tot Ion: 99 Resp: 1325658

Ion Ratio Lower Upper

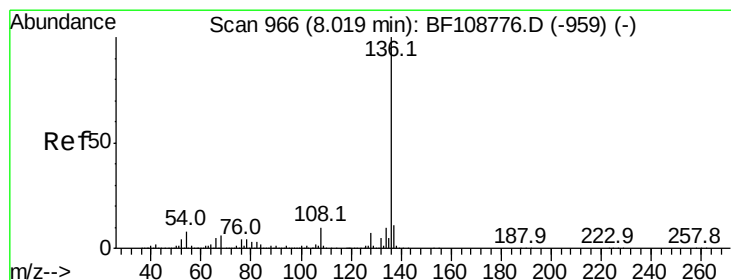
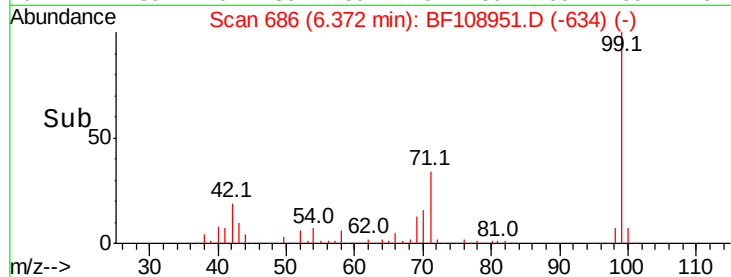
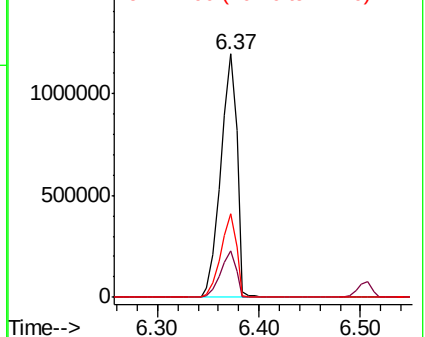
99 100

42 19.2 14.5 21.7

71 34.3 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: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108951.D

Acq: 12 Sep 2018 15:40

Tgt Ion: 136 Resp: 673804

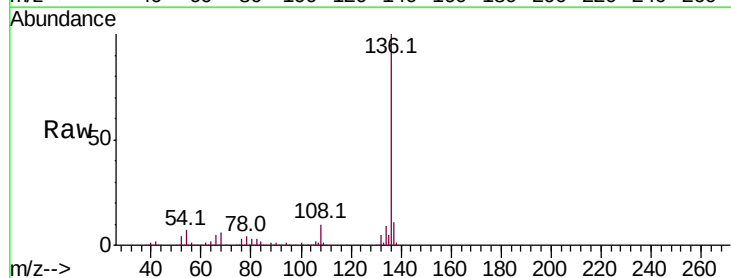
Ion Ratio Lower Upper

136 100

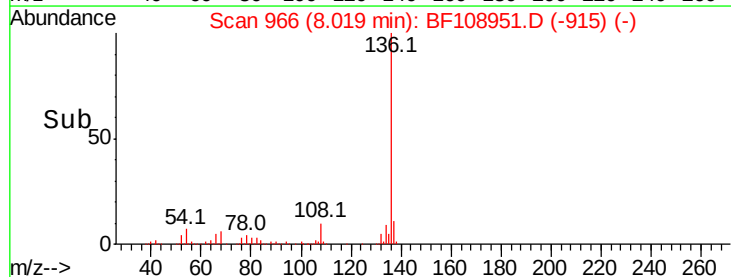
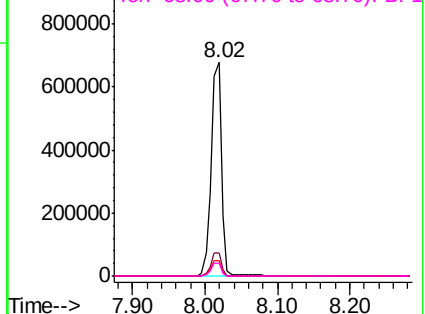
137 11.0 8.9 13.3

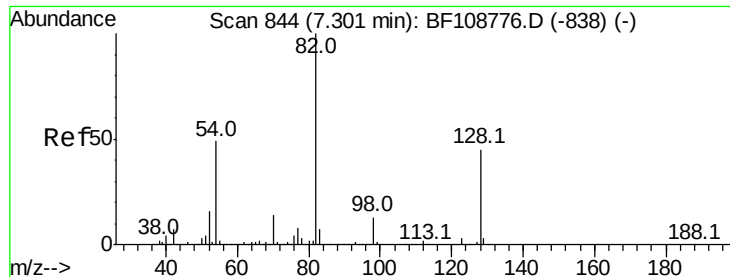
54 7.1 6.6 9.8

68 5.8 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: 78.596 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF108951.D

Acq: 12 Sep 2018 15:40

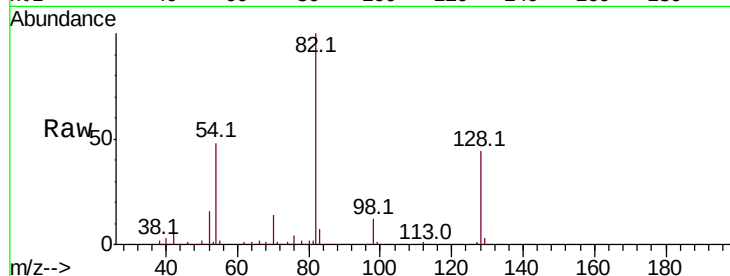
Tot Ion: 82 Resp: 846238

Ion Ratio Lower Upper

82 100

128 44.3 36.1 54.1

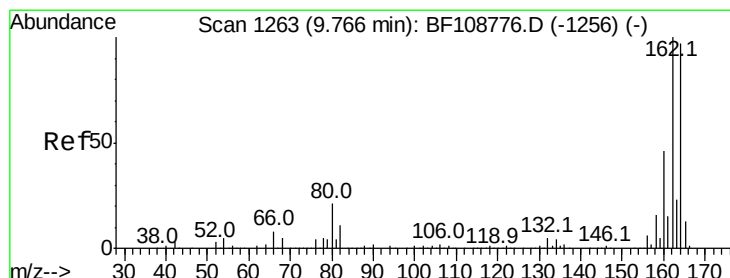
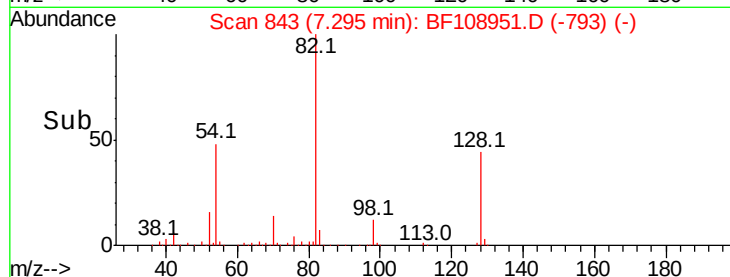
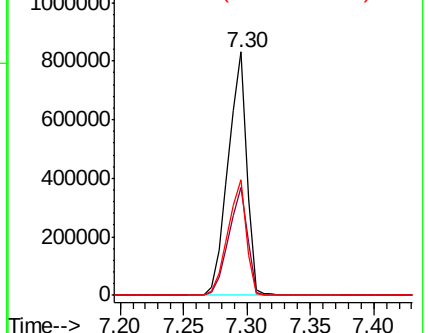
54 47.7 41.4 62.2



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: 9.77 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF108951.D

Acq: 12 Sep 2018 15:40

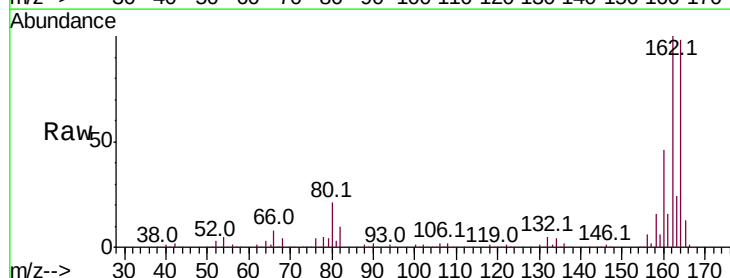
Tgt Ion: 164 Resp: 334114

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

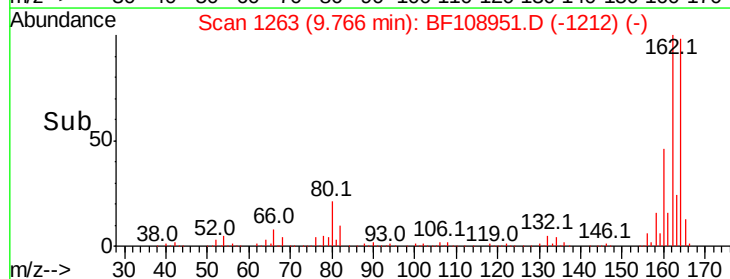
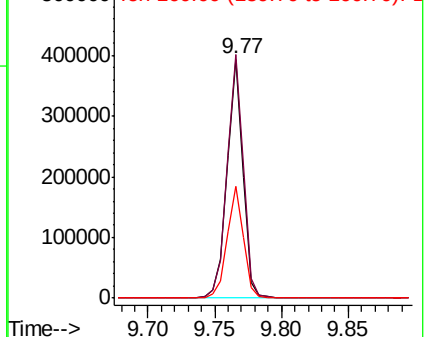
160 47.0 38.3 57.5

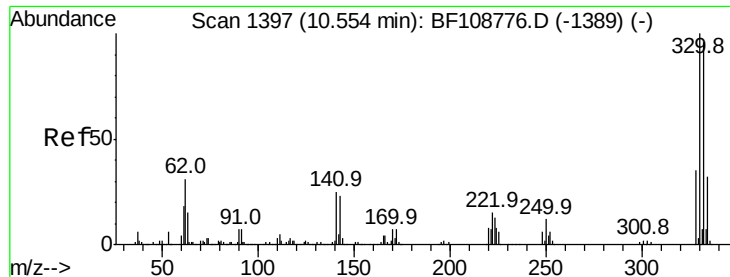


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 114.776 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF108951.D

Acq: 12 Sep 2018 15:40

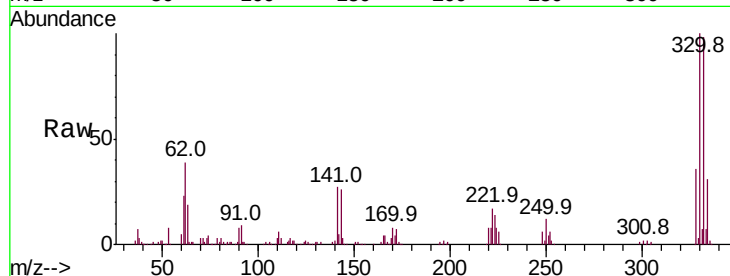
Tot Ion:330 Resp: 366091

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	31.2	29.9	44.9

330 100

332 95.4 77.0 115.6

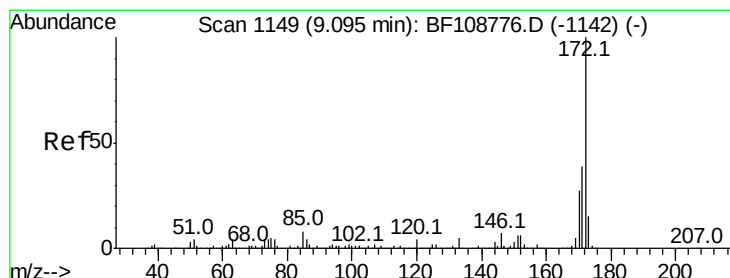
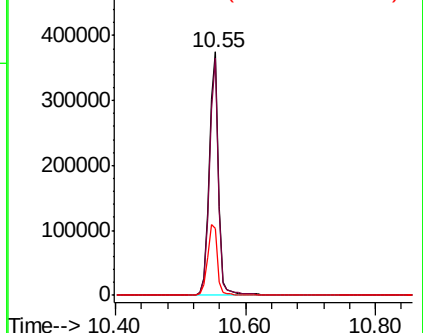
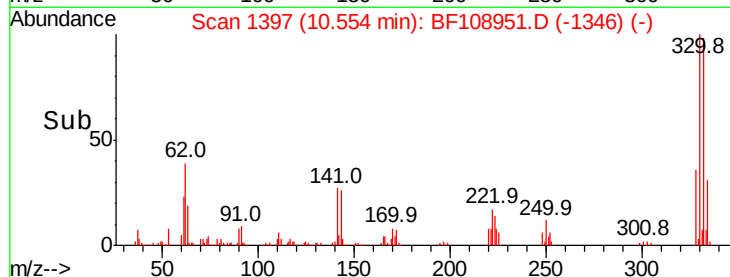
141 31.2 29.9 44.9



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: 76.918 ng

RT: 9.10 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF108951.D

Acq: 12 Sep 2018 15:40

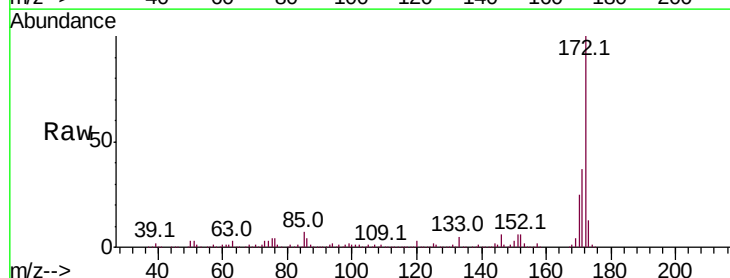
Tgt Ion:172 Resp: 1506430

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.8	19.6	29.4

172 100

171 37.3 29.7 44.5

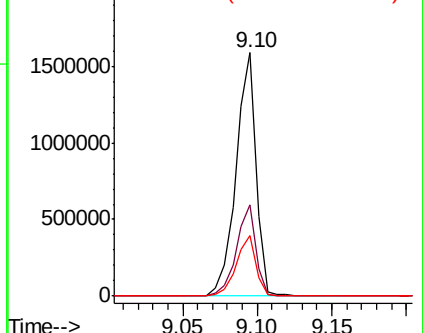
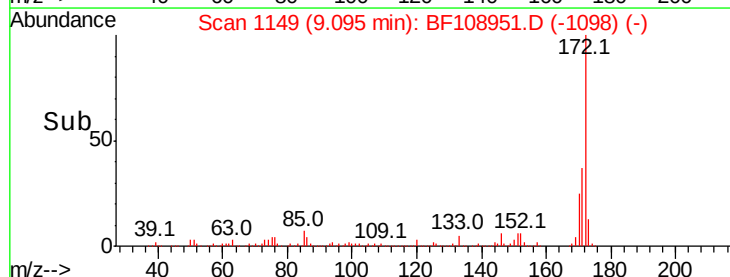
170 24.8 19.6 29.4

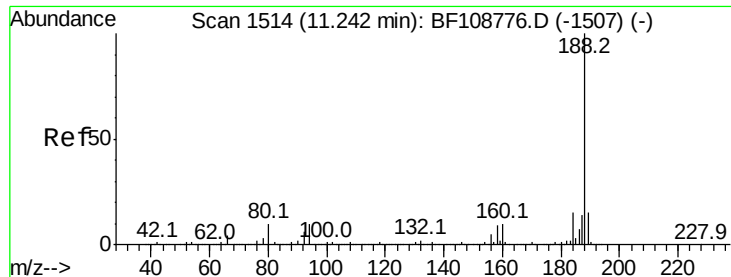


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

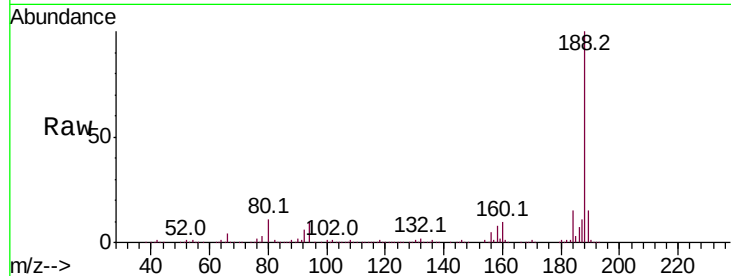
Ion 170.00 (169.70 to 170.70): E



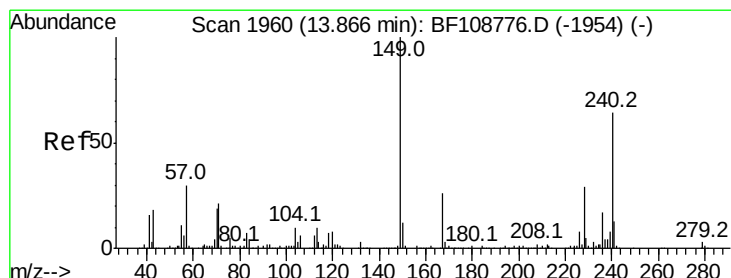
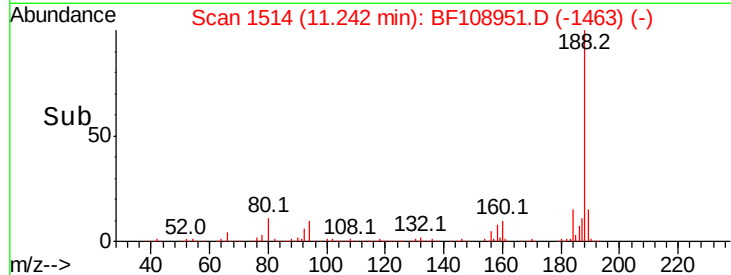
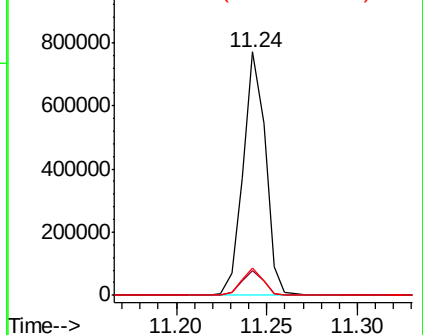


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108951.D
Acq: 12 Sep 2018 15:40

Tot Ion:188 Resp: 663601
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.2 9.2 13.8

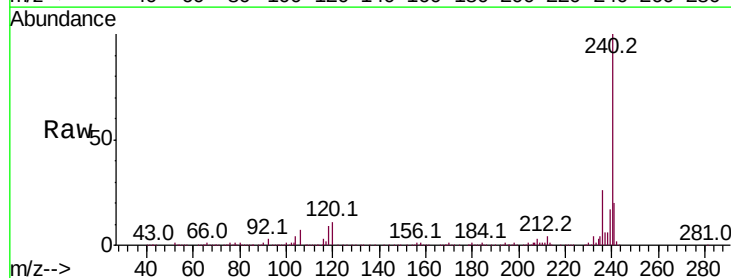


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

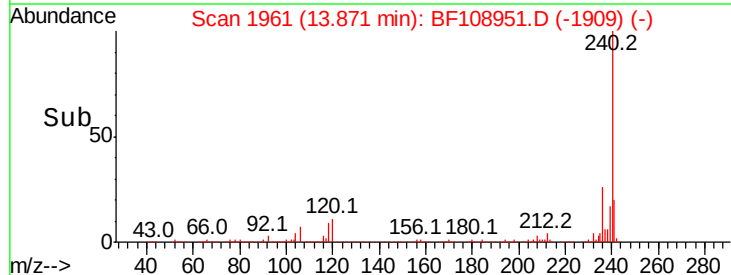
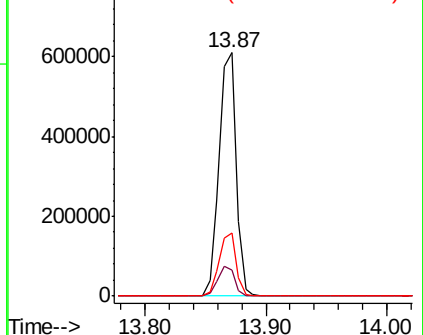


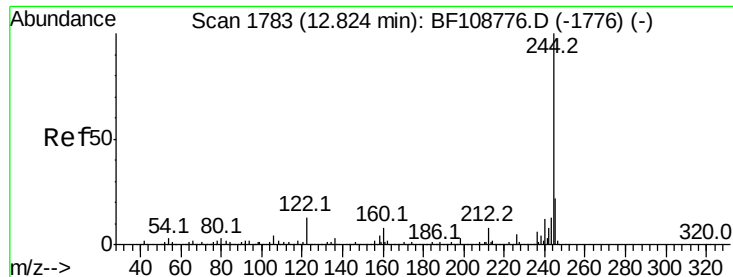
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108951.D
Acq: 12 Sep 2018 15:40

Tgt Ion:240 Resp: 593685
Ion Ratio Lower Upper
240 100
120 10.5 9.5 14.3
236 26.0 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

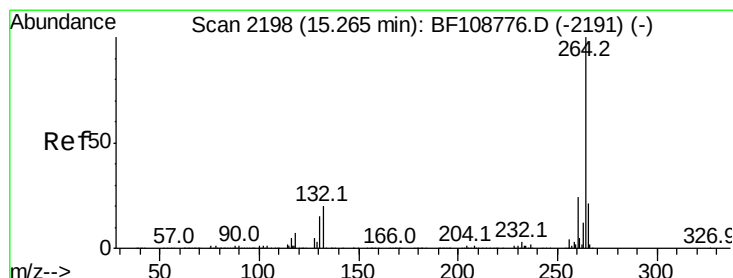
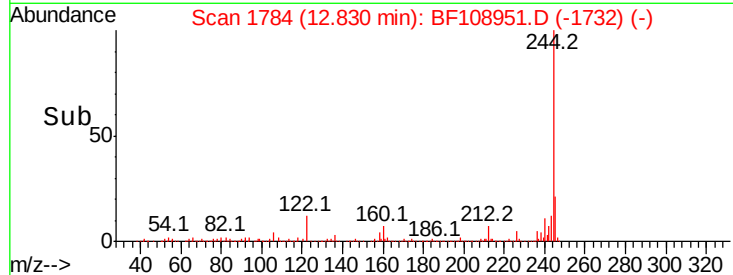
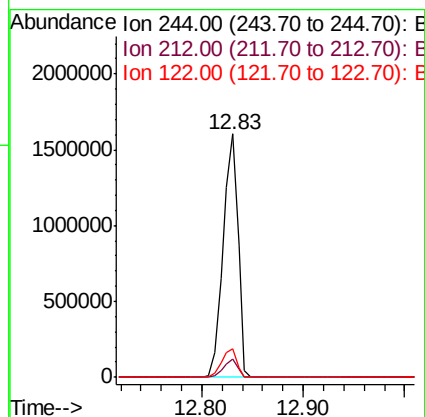
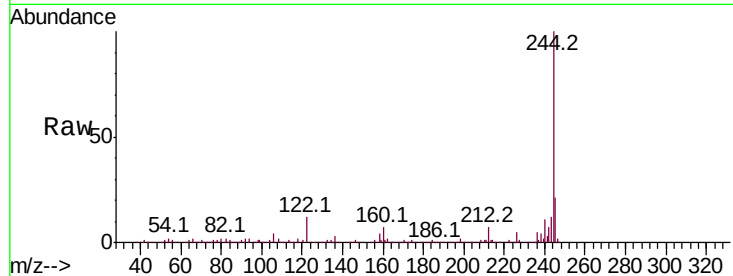




#78
 Terphenyl-d14
 Concen: 64.013 ng
 RT: 12.83 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BF108951.D
 Acq: 12 Sep 2018 15:40

Tot Ion:244 Resp: 1629715

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.0	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF108951.D
 Acq: 12 Sep 2018 15:40

Tgt Ion:264 Resp: 483218

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	17.5	26.3

