

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
 Data File : BF108951.D
 Acq On : 12 Sep 2018 14:29
 Operator : JU/SJ
 Sample : PB112774BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 12 14:54:33 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	153447	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	588405	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	293740	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	579143	20.00	ng	0.00
75) Chrysene-d12	13.87	240	424604	20.00	ng	0.00
86) Perylene-d12	15.28	264	375532	20.00	ng	0.01

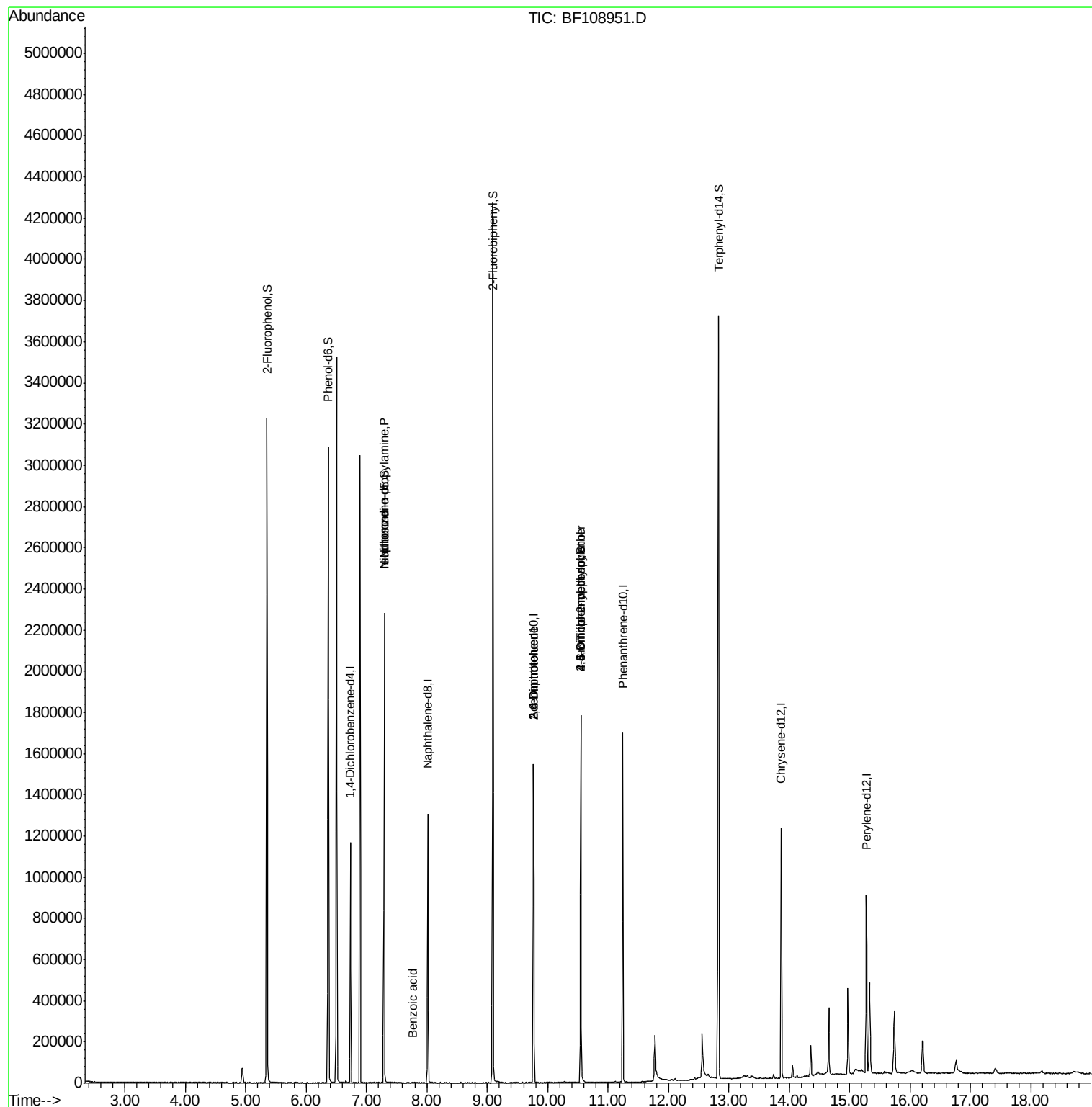
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	908869	98.12	ng	0.02
7) Phenol-d6	6.37	99	1165178	97.77	ng	0.00
23) Nitrobenzene-d5	7.30	82	746719	79.42	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	216123	77.07	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1337897	77.70	ng	0.00
78) Terphenyl-d14	12.83	244	1383602	75.99	ng	0.00

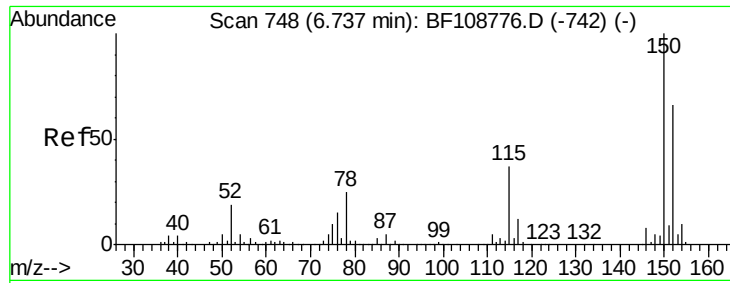
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	100723	12.159	ng	# 76
25) Isophorone	7.30	82	739155	39.412	ng	# 64
32) Benzoic acid	7.77	122	111	4.039	ng	# 51
50) 2,6-Dinitrotoluene	9.77	165	37507	9.581	ng	# 25
56) 2,4-Dinitrotoluene	9.77	165	37507	7.492	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	183	6.937	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	13375	2.045	ng	# 1

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

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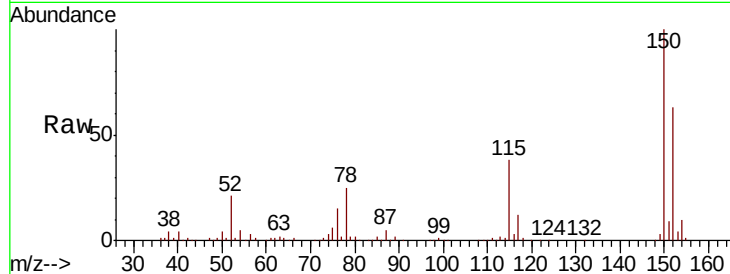




#1

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 14:29

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	60.7	50.1	75.1

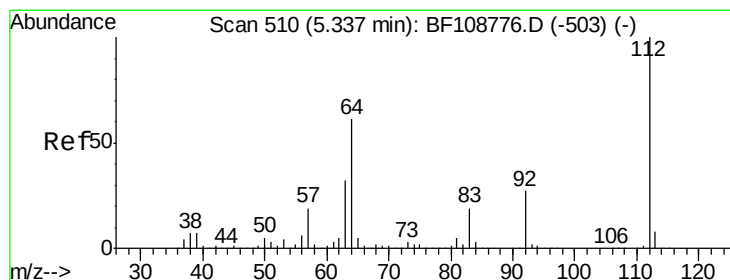
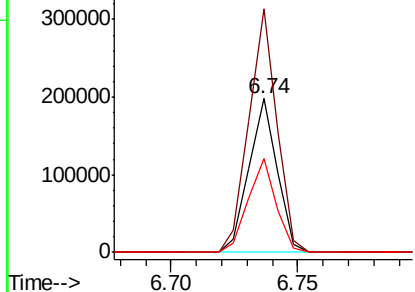
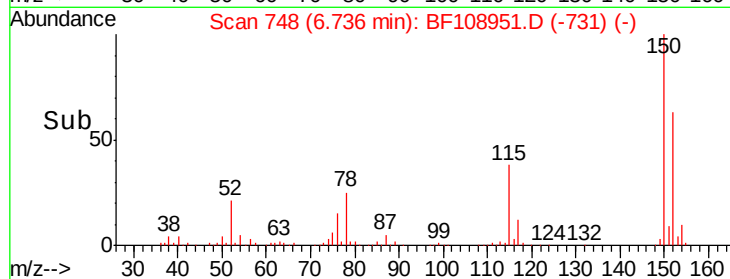


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

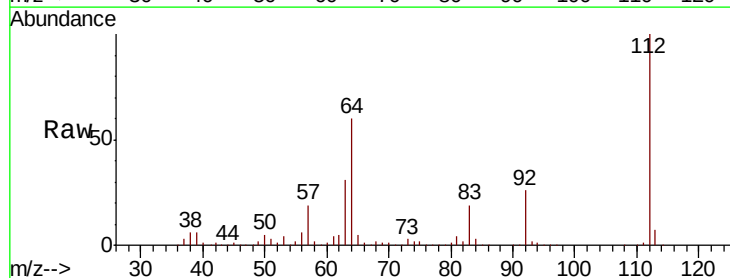
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.125 ng
RT: 5.35 min Scan# 513
Delta R.T. 0.02 min
Lab File: BF108951.D
Acq: 12 Sep 2018 14:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	30.9	23.7	35.5

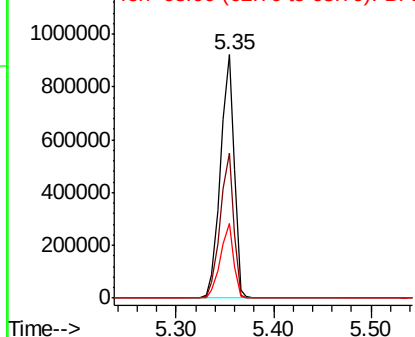
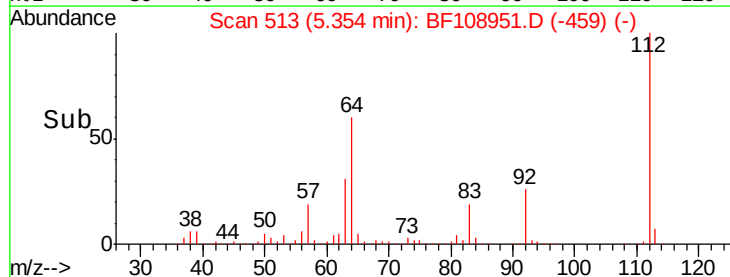


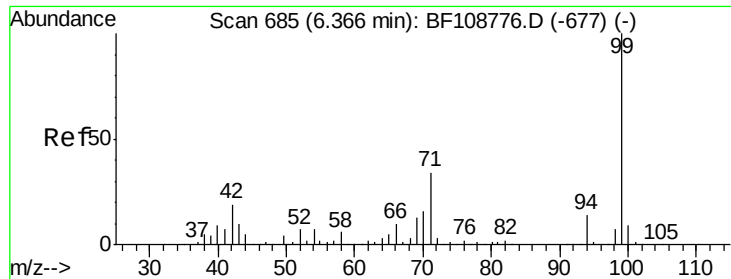
Abundance

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: 97.770 ng

RT: 6.37 min Scan# 686

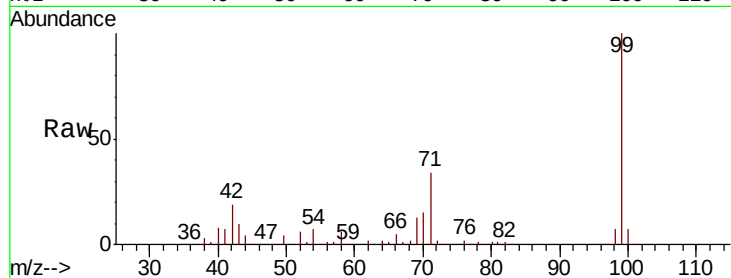
Delta R.T. 0.01 min

Lab File: BF108951.D

Acq: 12 Sep 2018 14:29

Tot Ion: 99 Resp: 1165178

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	34.4	25.4	38.0

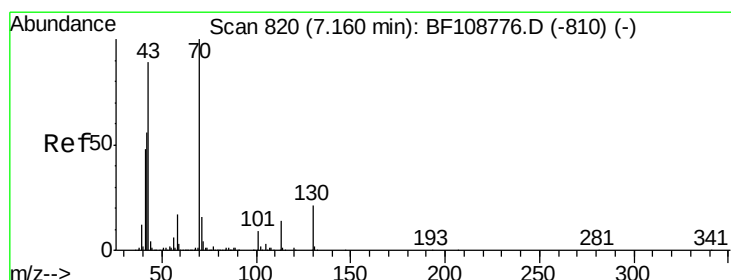
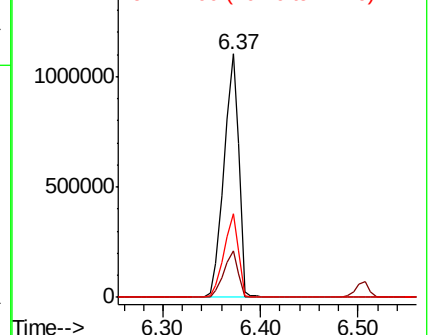
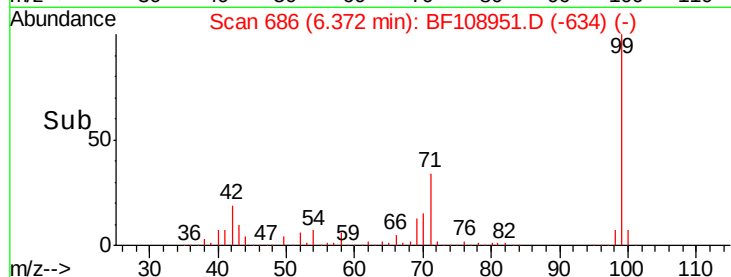


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 12.159 ng

RT: 7.30 min Scan# 843

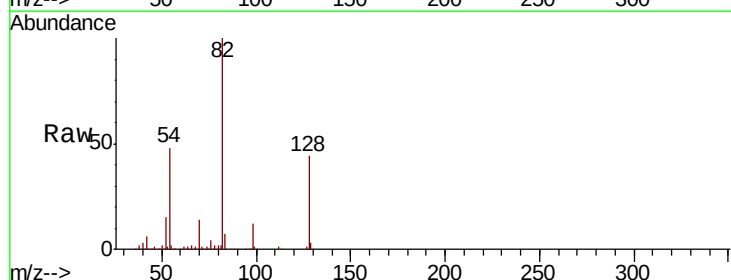
Delta R.T. 0.14 min

Lab File: BF108951.D

Acq: 12 Sep 2018 14:29

Tgt Ion: 70 Resp: 100723

Ion	Ratio	Lower	Upper
70	100		
42	45.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



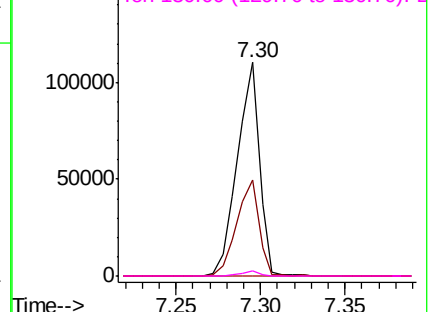
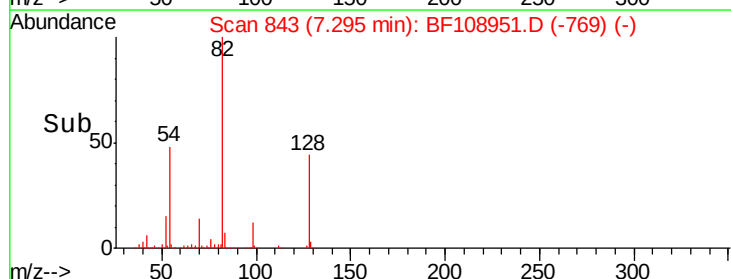
Abundance

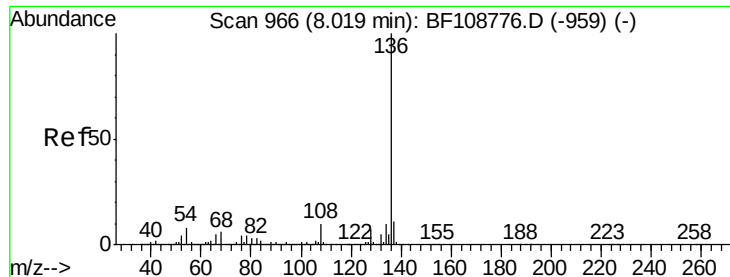
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

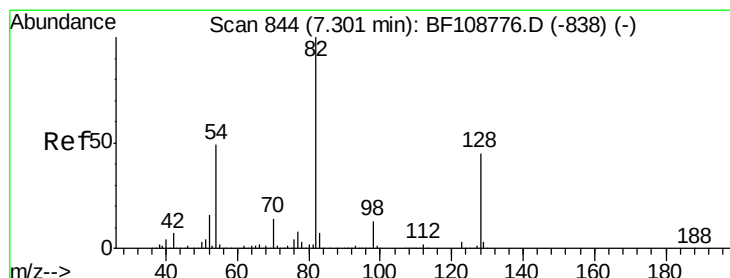
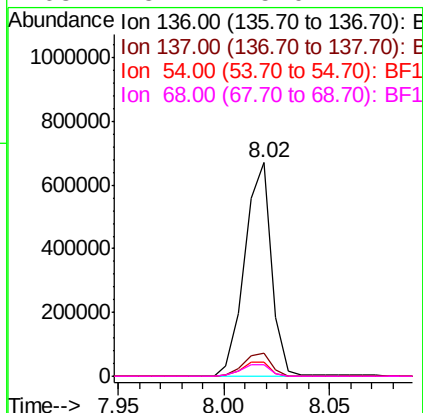
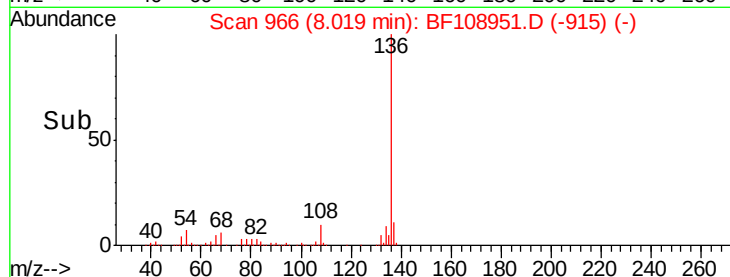
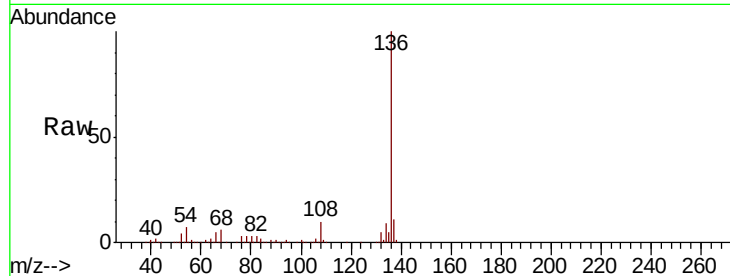
Ion 130.00 (129.70 to 130.70): BF1





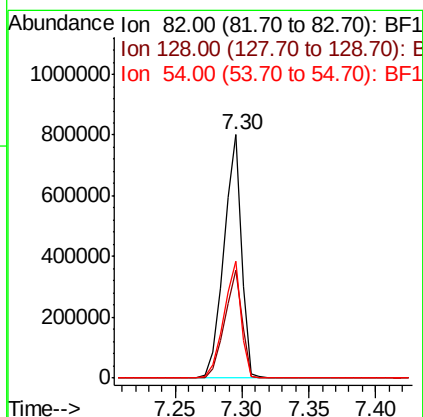
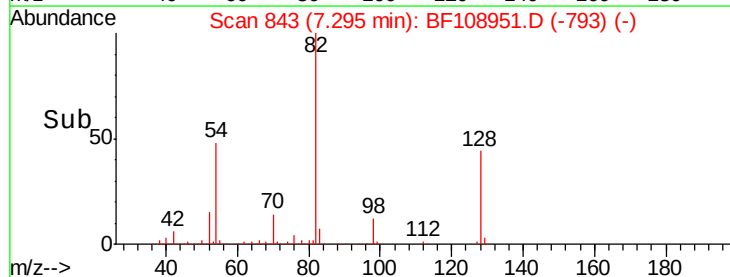
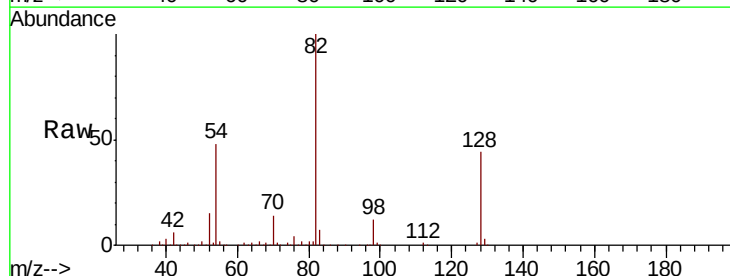
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108951.D
Acq: 12 Sep 2018 14:29

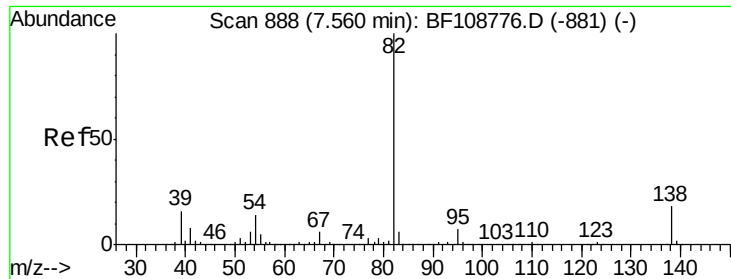
Tot Ion:136	Resp:	588405
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.7	6.6 9.8
68	5.7	5.0 7.4



#23
Nitrobenzene-d5
Concen: 79.419 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108951.D
Acq: 12 Sep 2018 14:29

Tgt Ion: 82	Resp:	746719
Ion Ratio	Lower	Upper
82	100	
128	44.3	36.1 54.1
54	48.2	41.4 62.2





#25

Isophorone

Concen: 39.412 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108951.D

Acq: 12 Sep 2018 14:29

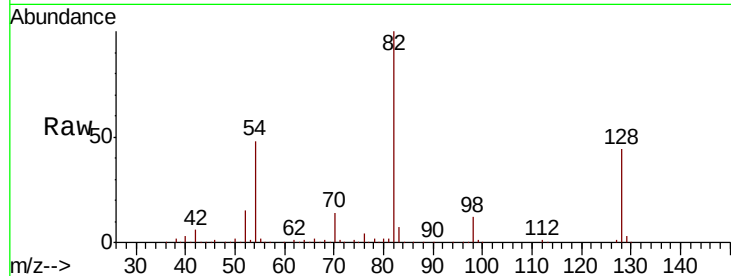
Tot Ion: 82 Resp: 739155

Ion Ratio Lower Upper

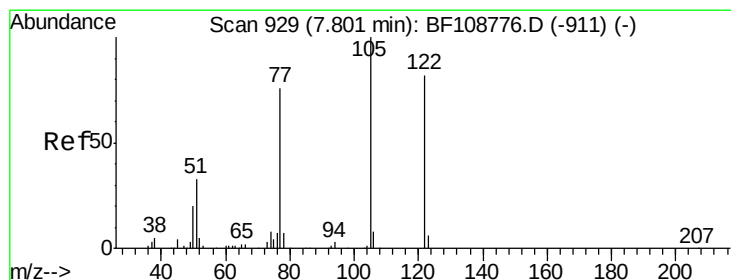
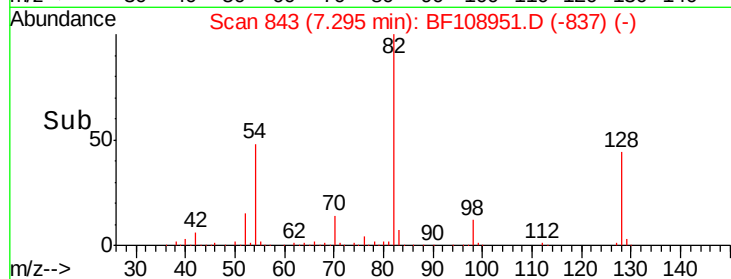
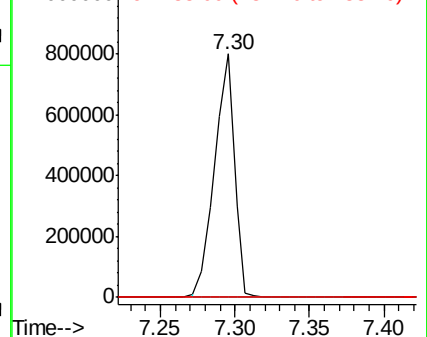
82 100

95 0.0 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: 4.039 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.03 min

Lab File: BF108951.D

Acq: 12 Sep 2018 14:29

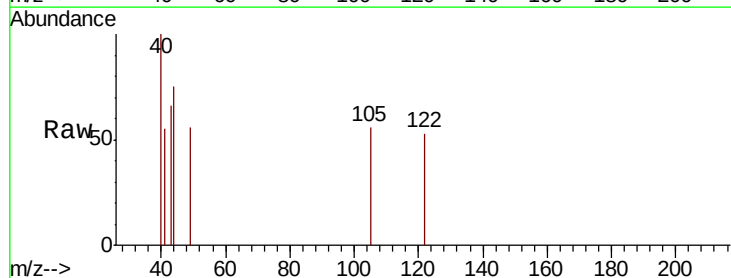
Tgt Ion: 122 Resp: 111

Ion Ratio Lower Upper

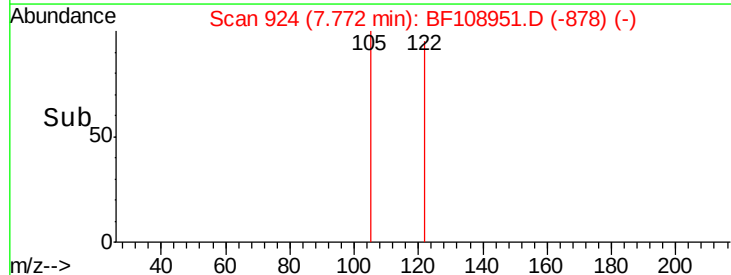
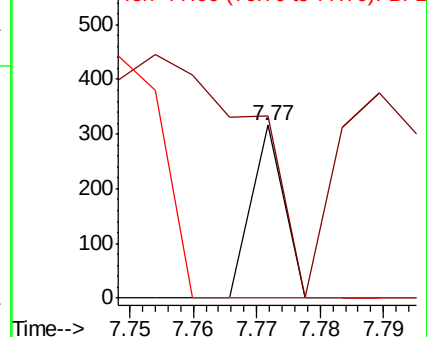
122 100

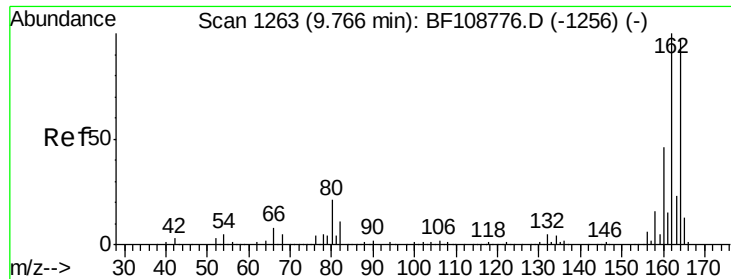
105 105.4 101.1 141.1

77 0.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): 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 14:29

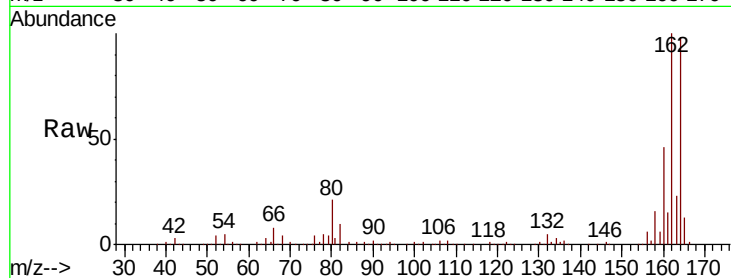
Tot Ion:164 Resp: 293740

Ion Ratio Lower Upper

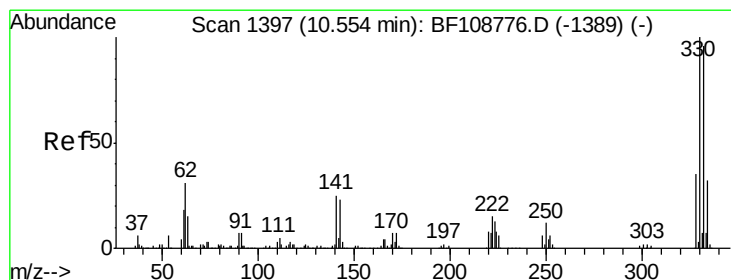
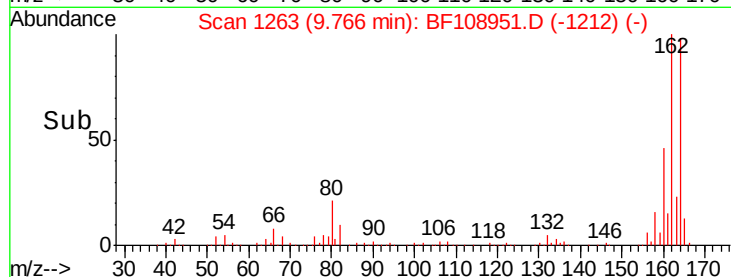
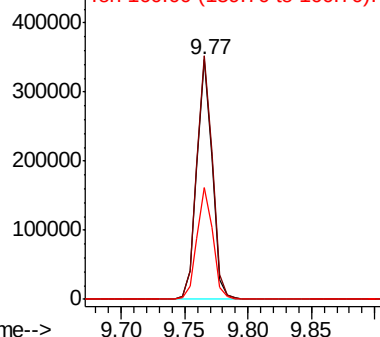
164 100

162 101.7 86.1 129.1

160 46.5 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: 77.072 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF108951.D

Acq: 12 Sep 2018 14:29

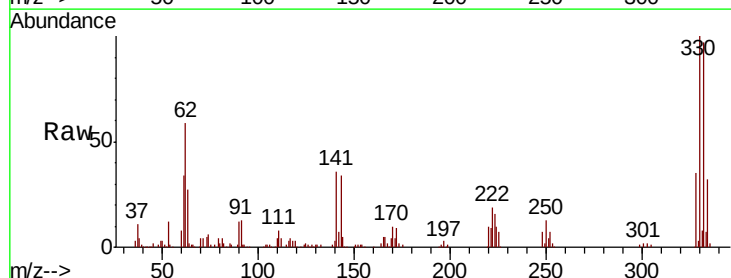
Tgt Ion:330 Resp: 216123

Ion Ratio Lower Upper

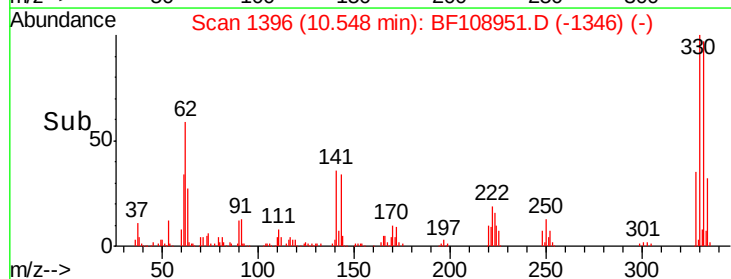
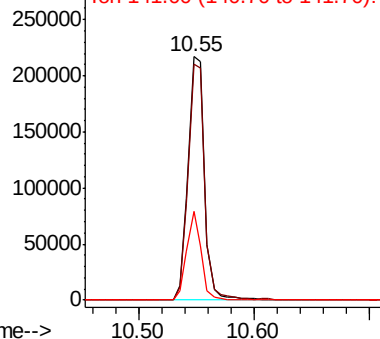
330 100

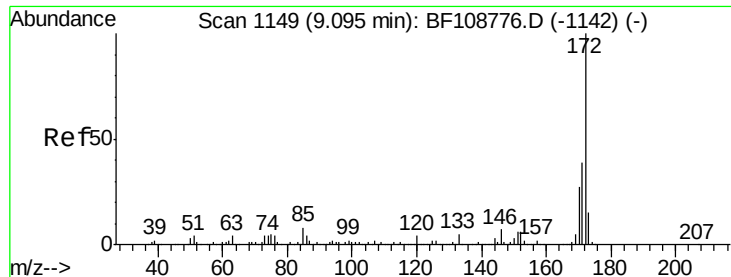
332 97.4 77.0 115.6

141 31.8 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

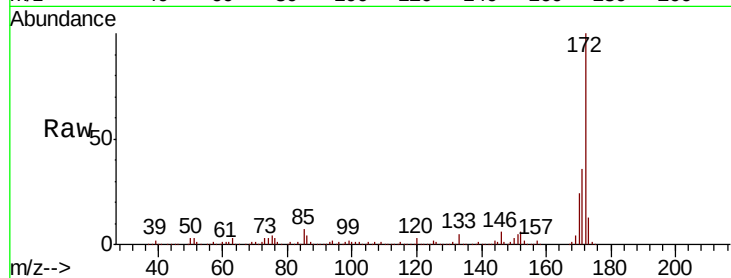




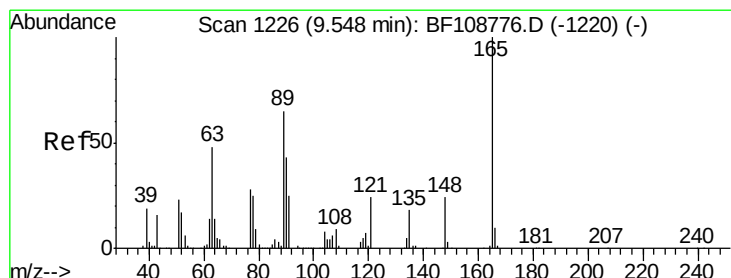
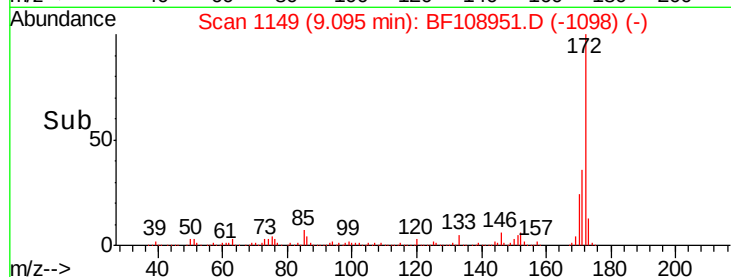
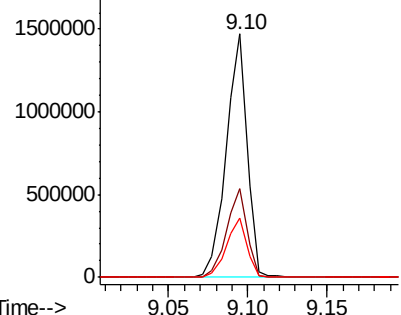
#44
2-Fluorobiphenyl
Concen: 77.702 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108951.D
Acq: 12 Sep 2018 14:29

Tot Ion:172 Resp: 1337897

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.4	19.6	29.4



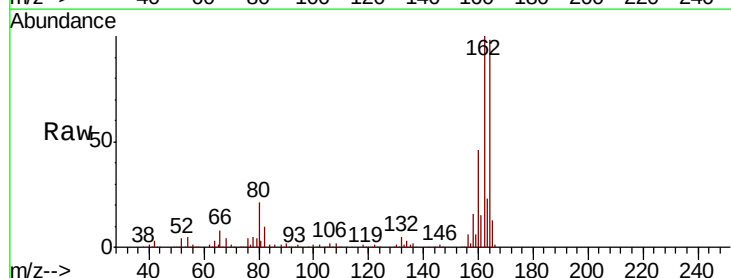
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



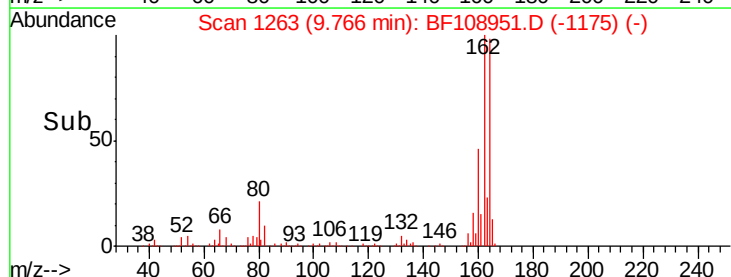
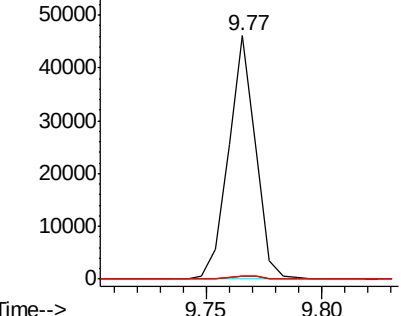
#50
2,6-Dinitrotoluene
Concen: 9.581 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108951.D
Acq: 12 Sep 2018 14:29

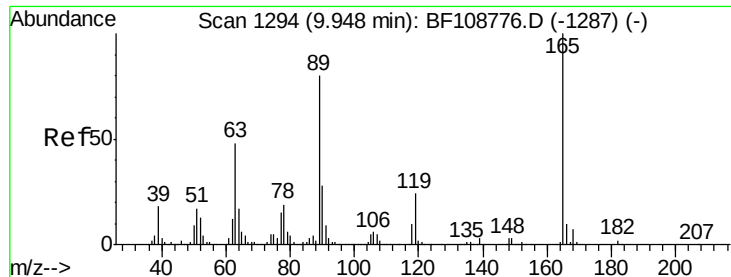
Tgt Ion:165 Resp: 37507

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.0	44.0	66.0#



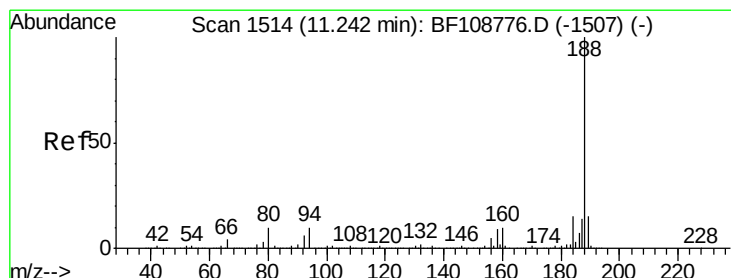
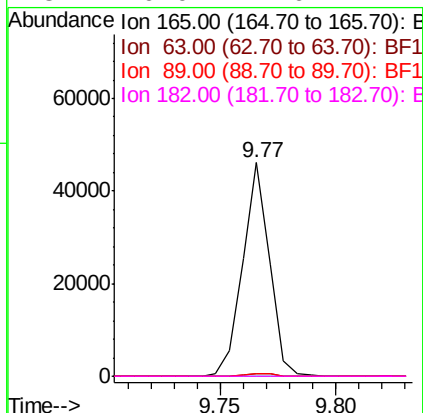
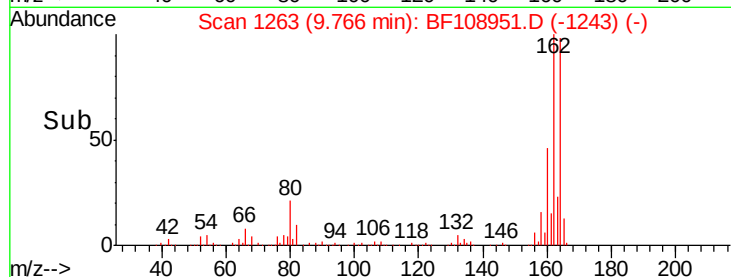
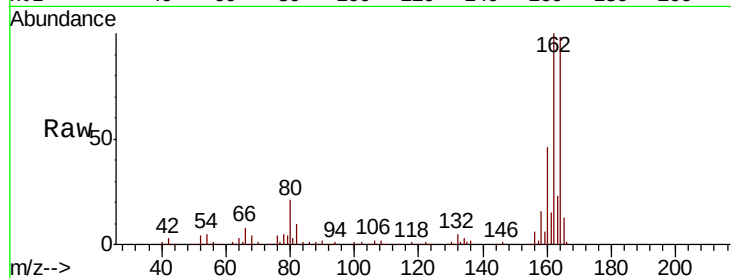
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





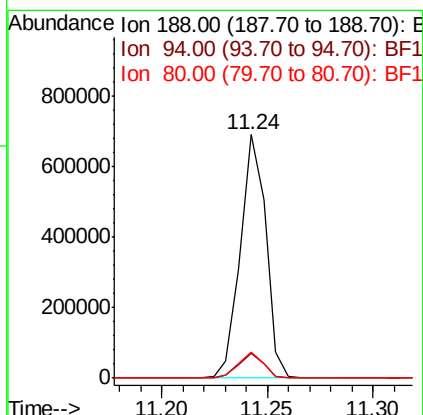
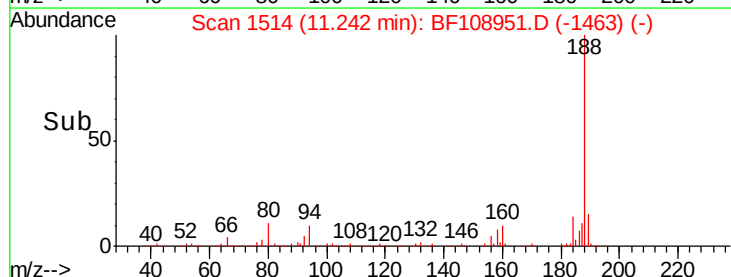
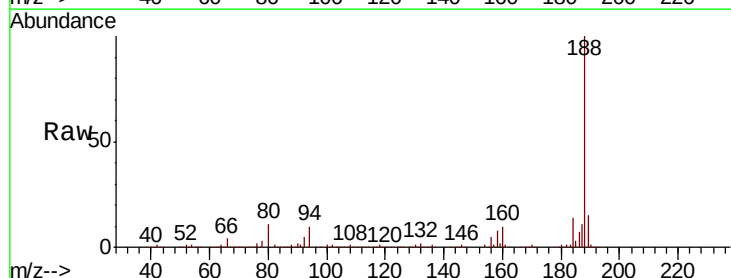
#56
 2,4-Dinitrotoluene
 Concen: 7.492 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108951.D
 Acq: 12 Sep 2018 14:29

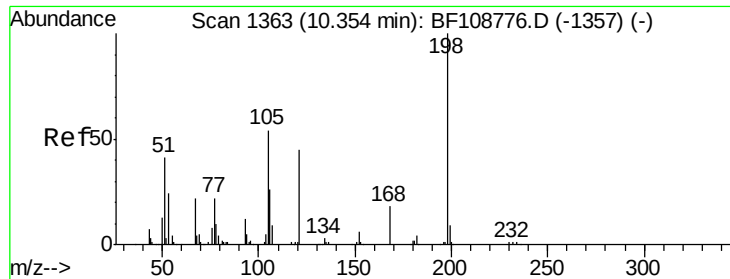
Tot Ion:	165	Resp:	37507
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#



#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 14:29

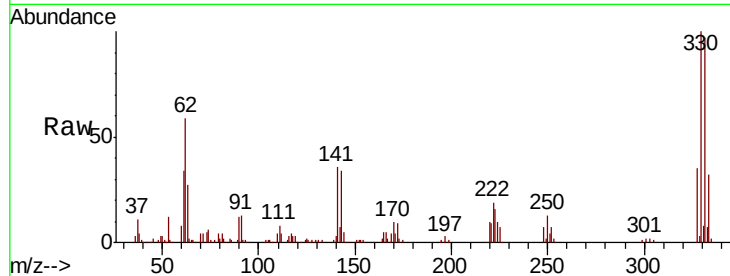
Tgt Ion:	188	Resp:	579143
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.8	9.2	13.8



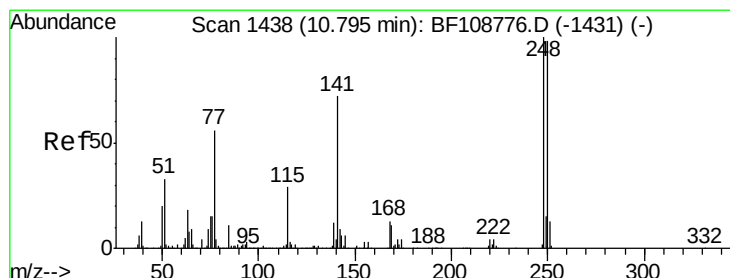
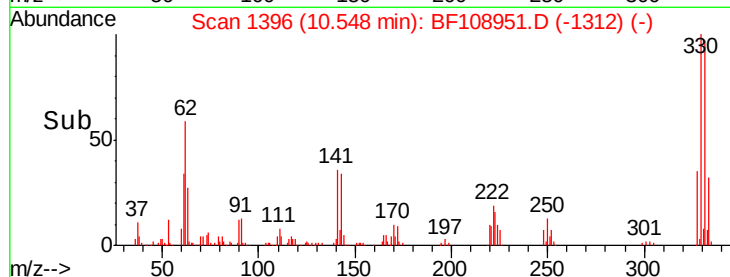
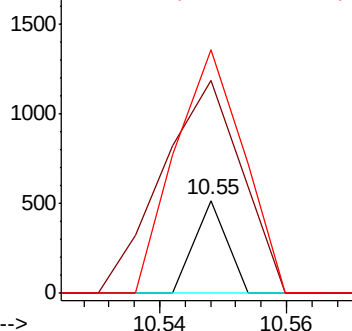


#64
4,6-Dinitro-2-methylphenol
Concen: 6.937 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108951.D
Acq: 12 Sep 2018 14:29

Tot Ion	Ratio	Lower	Upper
198	100		
51	229.0	37.7	77.7#
105	262.0	36.3	76.3#

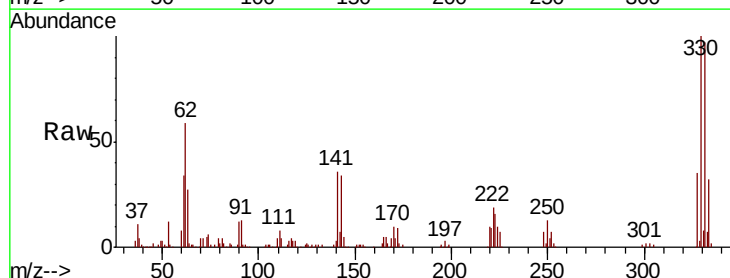


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

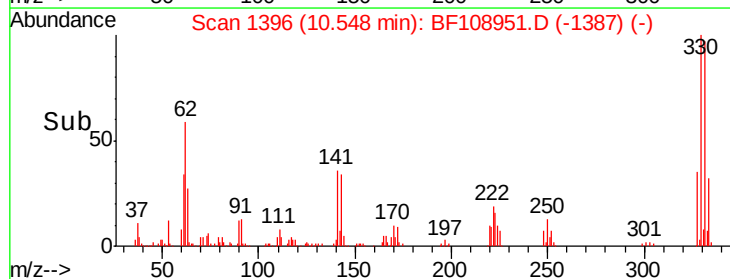
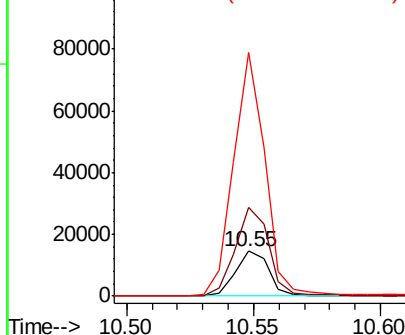


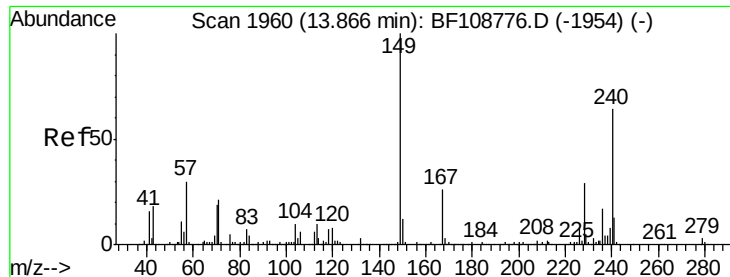
#66
4-Bromophenyl-phenylether
Concen: 2.045 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108951.D
Acq: 12 Sep 2018 14:29

Tgt Ion	Ratio	Lower	Upper
248	100		
250	195.9	76.9	115.3#
141	540.9	74.4	111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108951.D

Acq: 12 Sep 2018 14:29

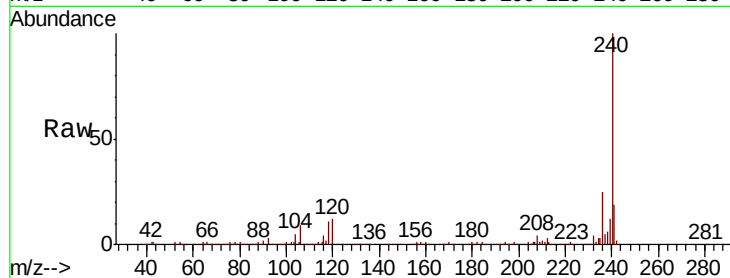
Tot Ion:240 Resp: 424604

Ion Ratio Lower Upper

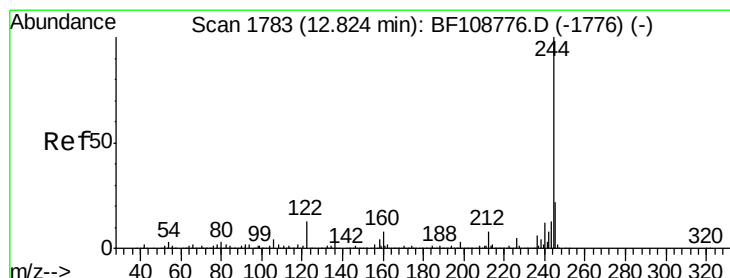
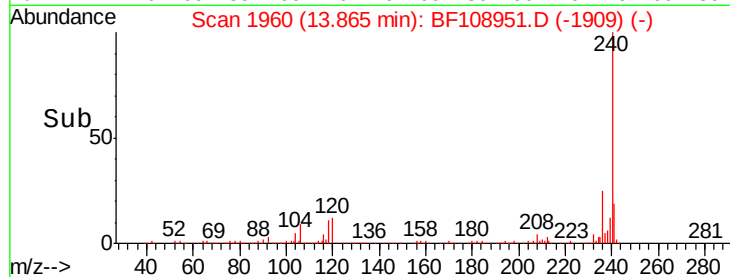
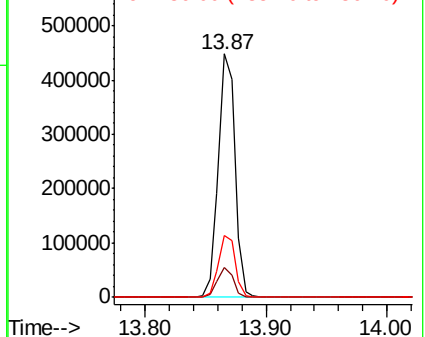
240 100

120 12.3 9.5 14.3

236 25.4 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: 75.987 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108951.D

Acq: 12 Sep 2018 14:29

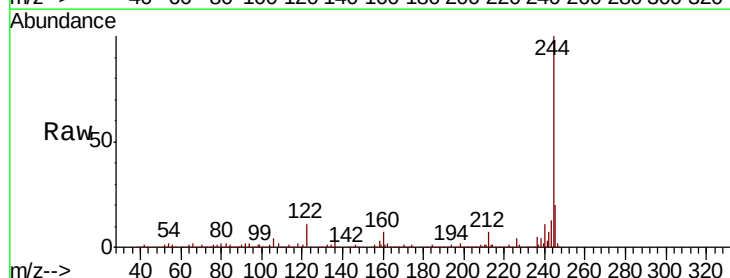
Tgt Ion:244 Resp: 1383602

Ion Ratio Lower Upper

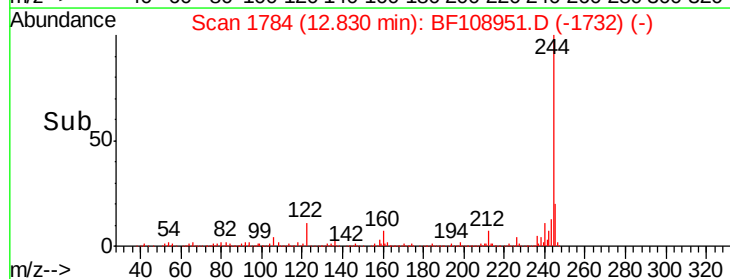
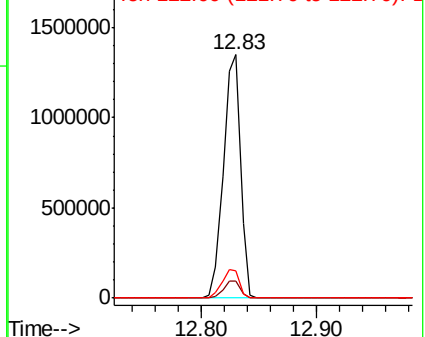
244 100

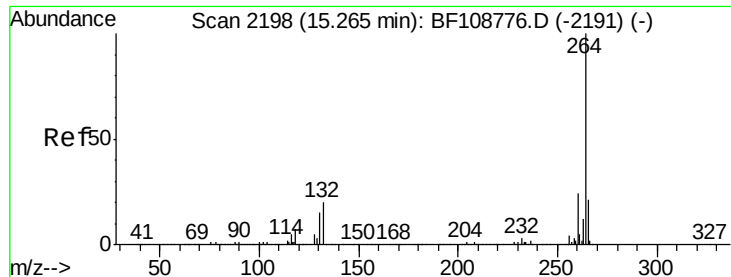
212 7.3 5.4 8.0

122 11.0 11.0 16.4



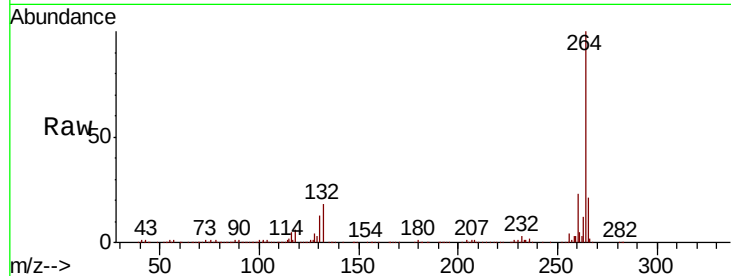
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108951.D
Acq: 12 Sep 2018 14:29

Tot Ion:	264	Resp:	375532
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.2	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

