

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108978.D
 Acq On : 13 Sep 2018 21:31
 Operator : JU/SJ
 Sample : J4875-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

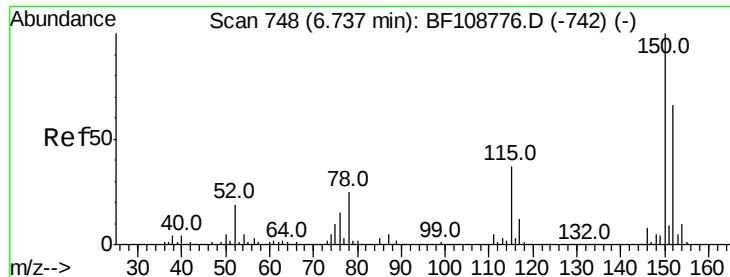
Quant Time: Sep 14 01:58:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	144986	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	547016	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	258296	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	478326	20.00	ng	0.00
75) Chrysene-d12	13.86	240	370585	20.00	ng	0.00
86) Perylene-d12	15.27	264	390044	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	437349	49.97	ng	0.00
7) Phenol-d6	6.35	99	373220	33.14	ng	-0.01
23) Nitrobenzene-d5	7.29	82	951165	108.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	270221	109.59	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1565721	103.41	ng	0.00
78) Terphenyl-d14	12.82	244	1557088	97.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	16596	2.077	ng	# 74
19) n-Nitroso-di-n-propylamine	7.29	70	127576	16.299	ng	# 79
25) Isophorone	7.29	82	946974	54.313	ng	# 64
49) Dimethylphthalate	9.48	163	119895	6.636	ng	# 98
56) 2,4-Dinitrotoluene	9.76	165	31770	7.216	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	550	7.119	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	15873	2.938	ng	# 1

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

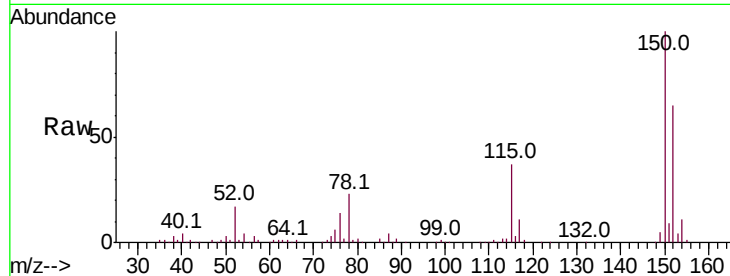


#1

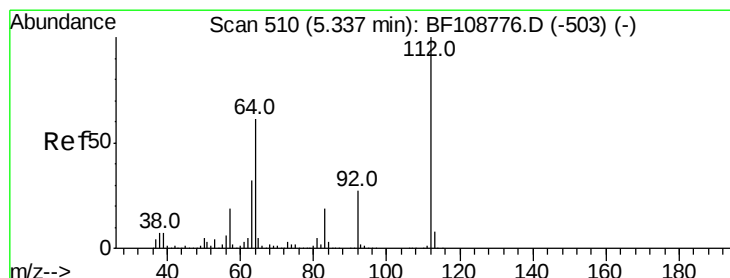
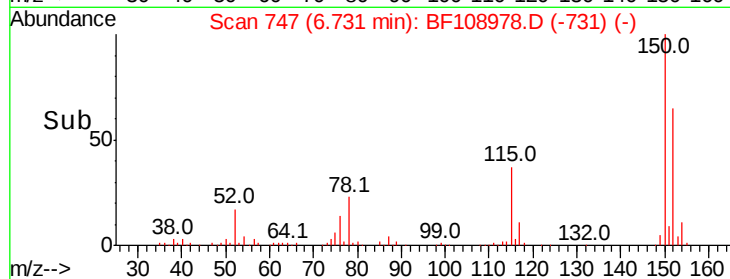
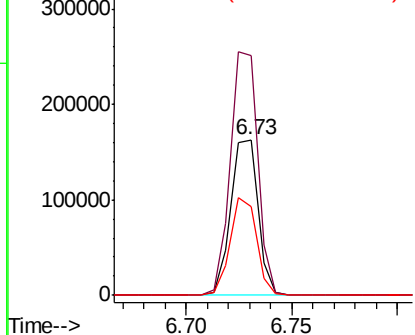
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108978.D
Acq: 13 Sep 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	56.9	50.1	75.1



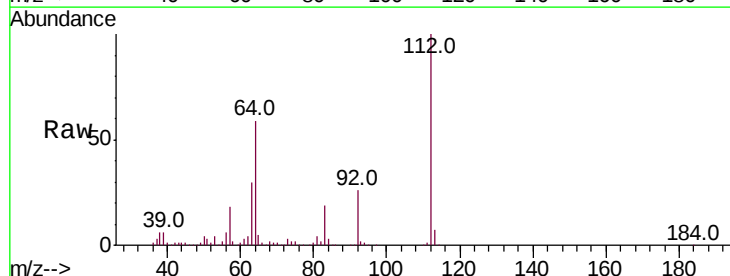
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



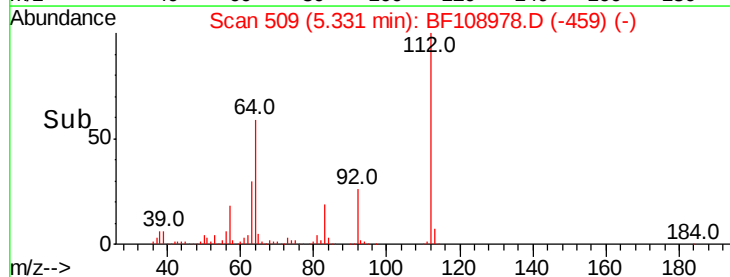
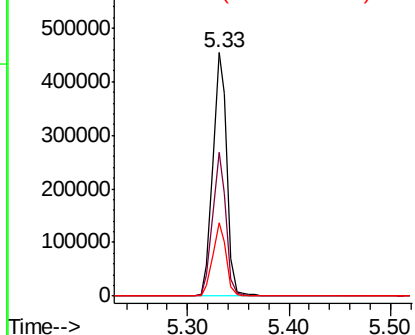
#5

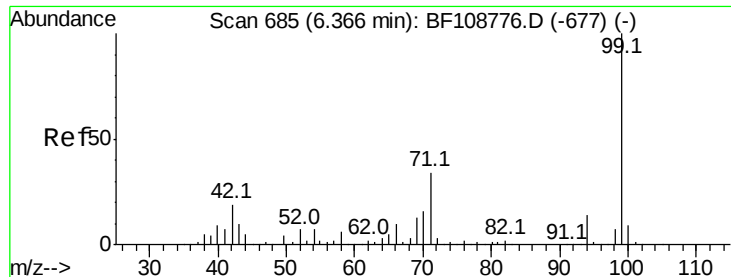
2-Fluorophenol
Concen: 49.973 ng
RT: 5.33 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF108978.D
Acq: 13 Sep 2018 21:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	30.1	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: 33.145 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF108978.D

Acq: 13 Sep 2018 21:31

Instrument :

BNA_F

ClientSampleId :

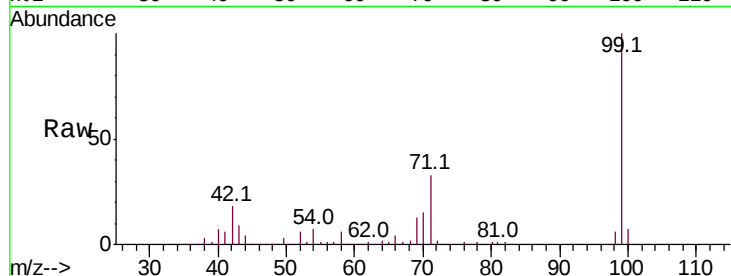
Tot Ion: 99 Resp: 373220

Ion Ratio Lower Upper

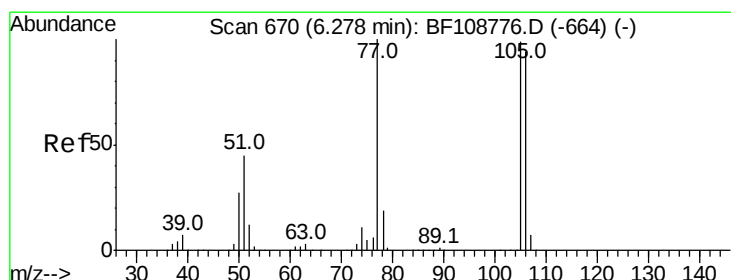
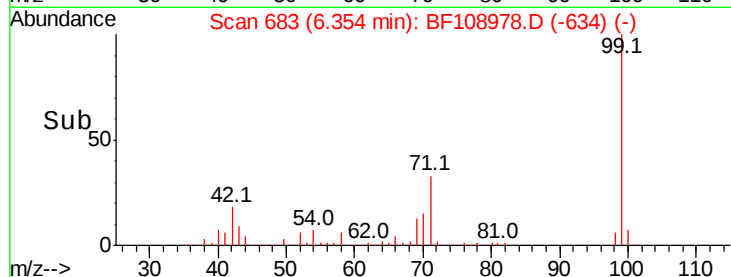
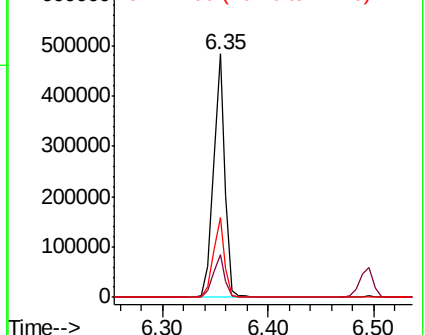
99 100

42 17.5 14.5 21.7

71 33.0 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



#9

Benzaldehyde

Concen: 2.077 ng

RT: 6.50 min Scan# 707

Delta R.T. 0.22 min

Lab File: BF108978.D

Acq: 13 Sep 2018 21:31

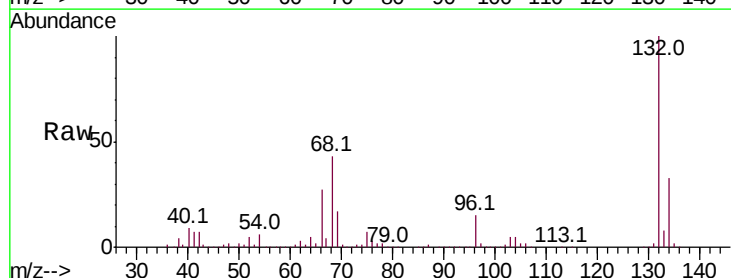
Tgt Ion: 77 Resp: 16596

Ion Ratio Lower Upper

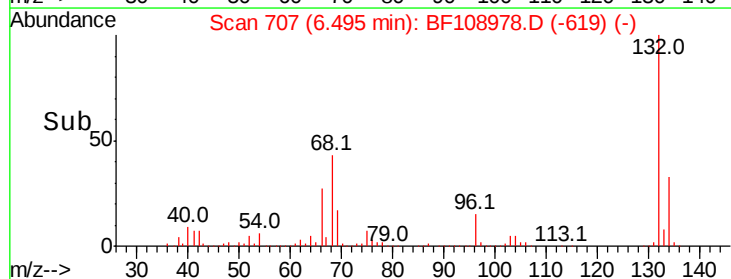
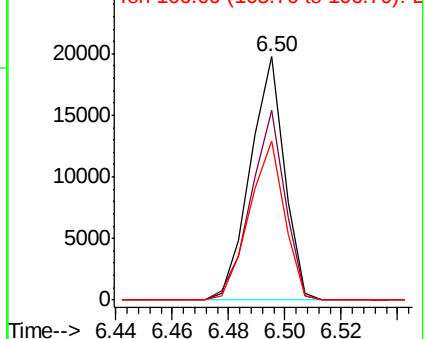
77 100

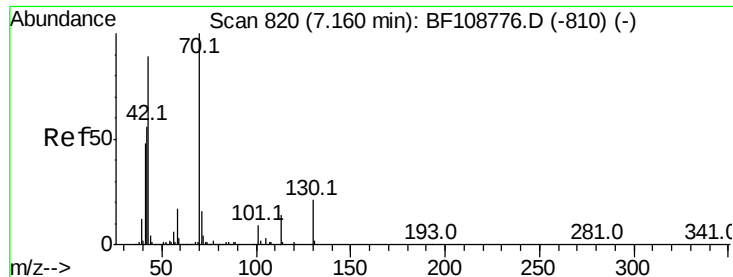
105 77.8 81.1 121.1#

106 65.5 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

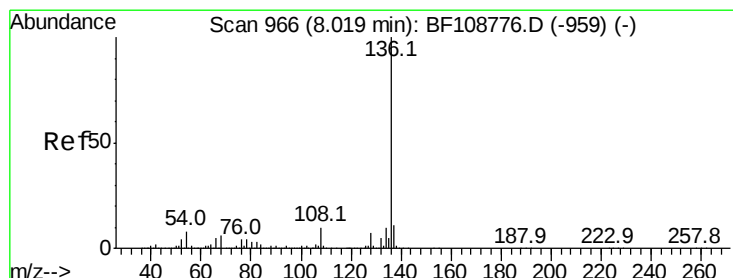
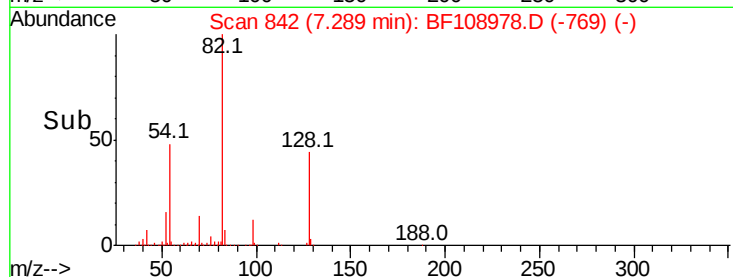
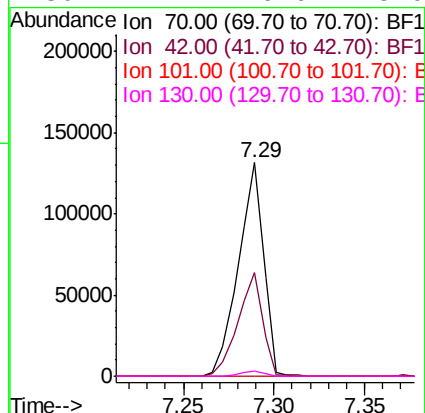
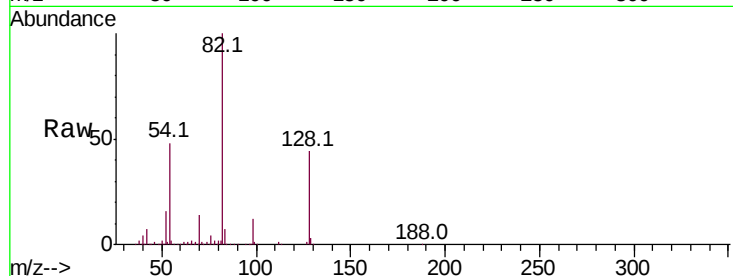




#19
n-Nitroso-di-n-propylamine
Concen: 16.299 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108978.D
Acq: 13 Sep 2018 21:31

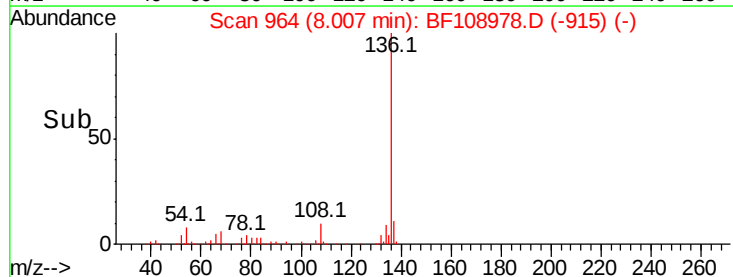
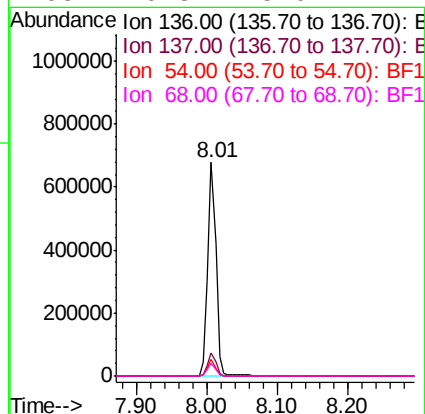
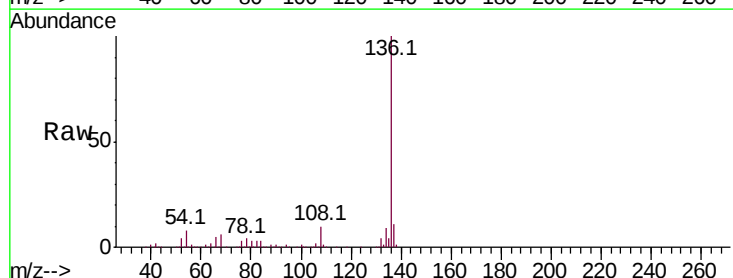
Instrument :
BNA_F
ClientSampleId :

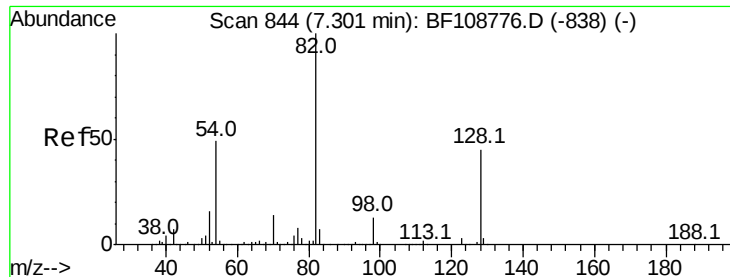
Tot Ion:	70	Resp:	127576
Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF108978.D
Acq: 13 Sep 2018 21:31

Tgt Ion:	136	Resp:	547016
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	6.3	5.0	7.4

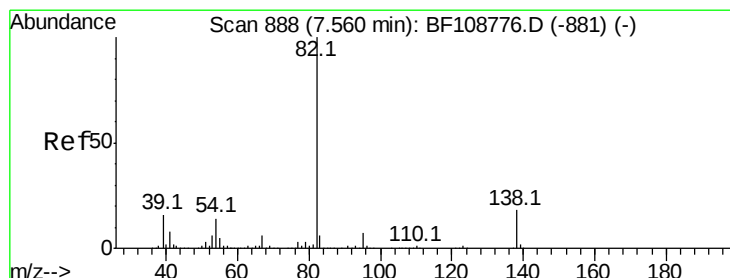
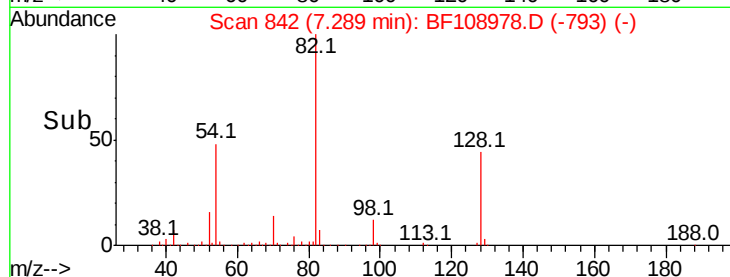
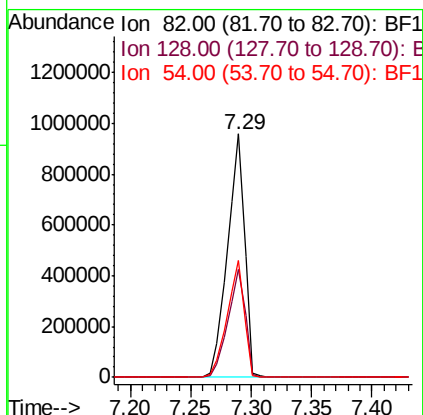
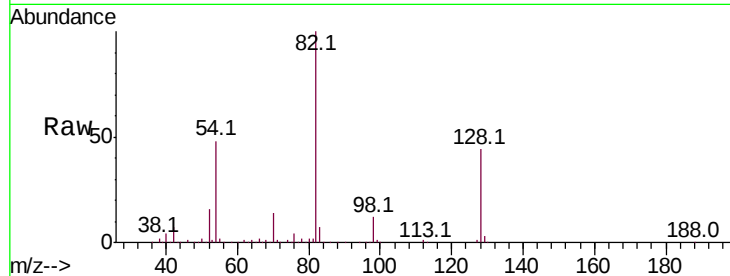




#23
 Nitrobenzene-d5
 Concen: 108.817 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108978.D
 Acq: 13 Sep 2018 21:31

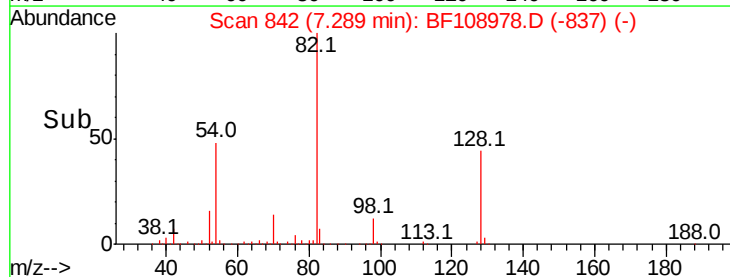
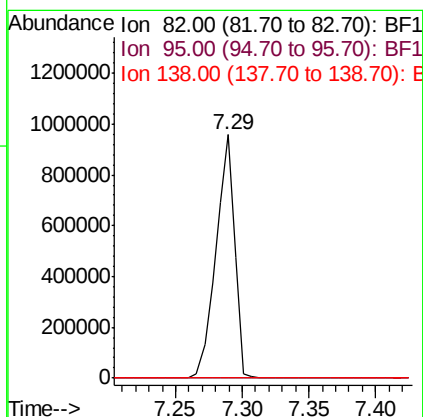
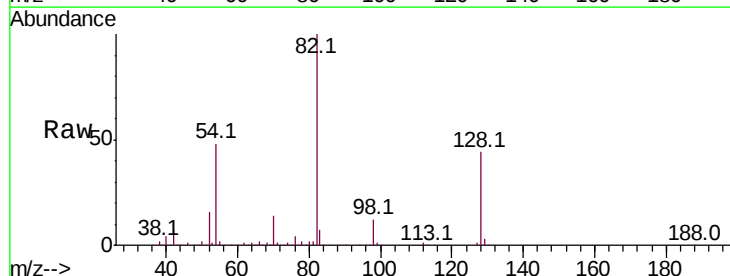
Instrument :
 BNA_F
 ClientSampleId :

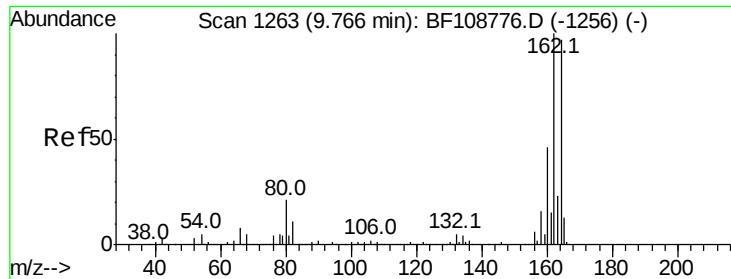
Tot Ion	82	Resp	951165
Ion Ratio	Lower	Upper	
82	100		
128	44.5	36.1	54.1
54	48.2	41.4	62.2



#25
 Isophorone
 Concen: 54.313 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.27 min
 Lab File: BF108978.D
 Acq: 13 Sep 2018 21:31

Tgt Ion	82	Resp	946974
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

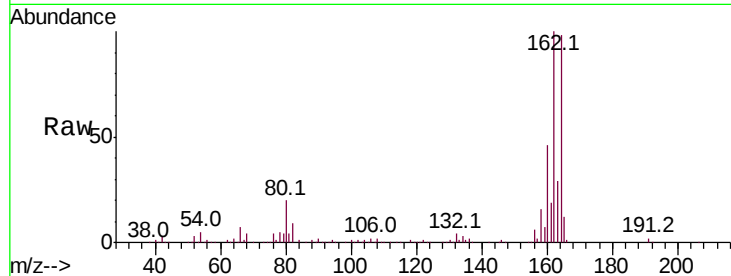




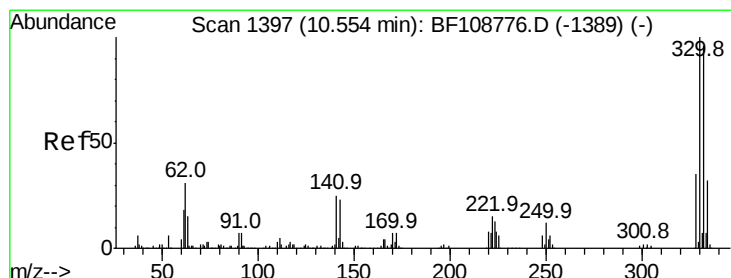
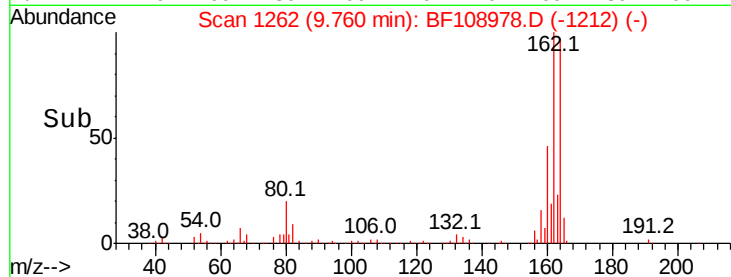
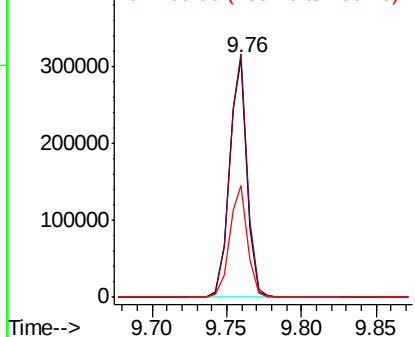
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF108978.D
 Acq: 13 Sep 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 258296
 Ion Ratio Lower Upper
 164 100
 162 101.9 86.1 129.1
 160 46.7 38.3 57.5

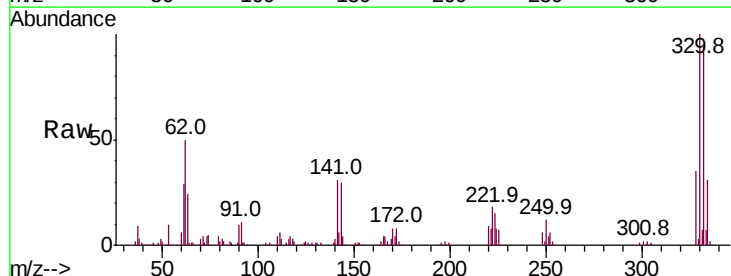


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

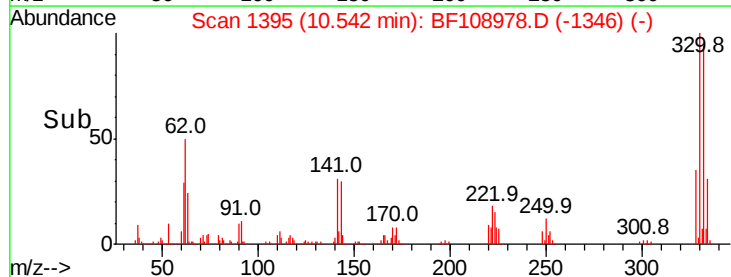
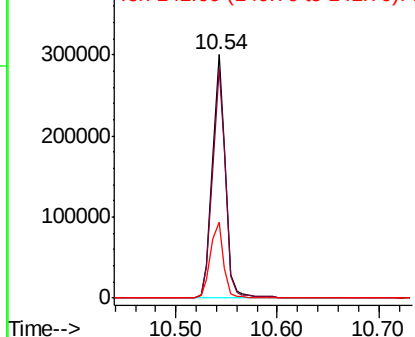


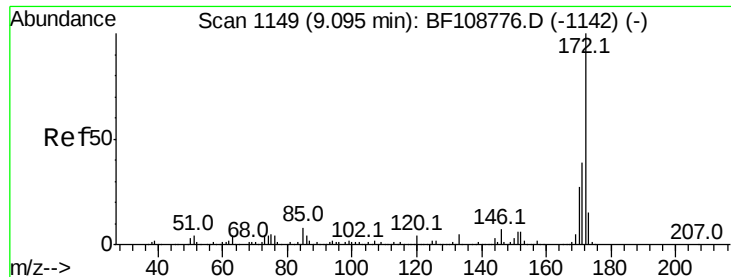
#41
 2,4,6-Tribromophenol
 Concen: 109.587 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108978.D
 Acq: 13 Sep 2018 21:31

Tgt Ion:330 Resp: 270221
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 31.6 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

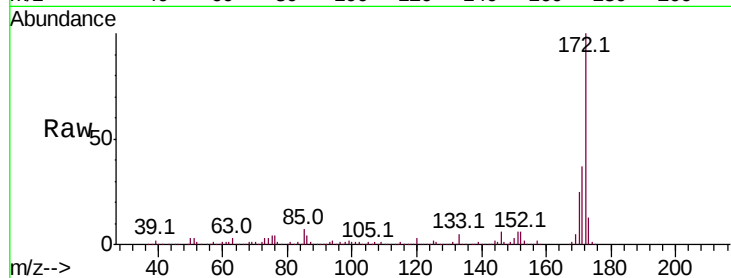




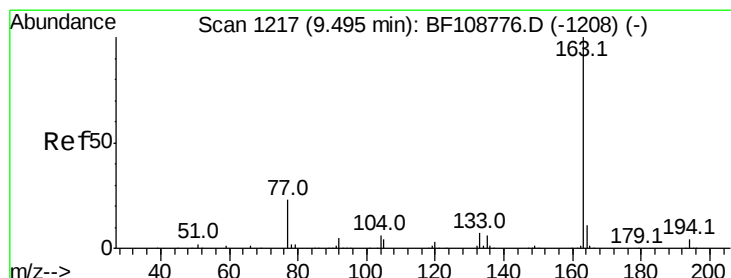
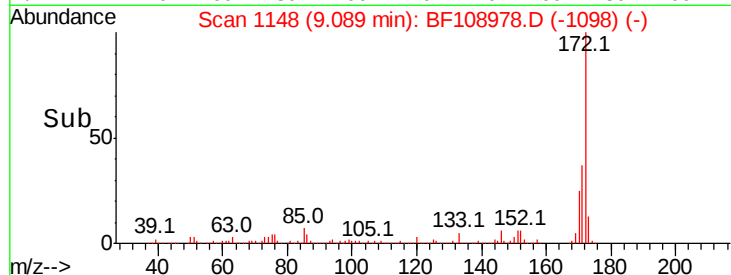
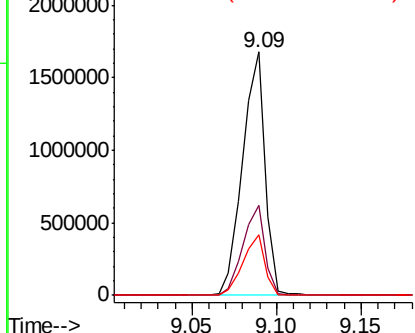
#44
2-Fluorobiphenyl
Concen: 103.412 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108978.D
Acq: 13 Sep 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1565721
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 25.1 19.6 29.4

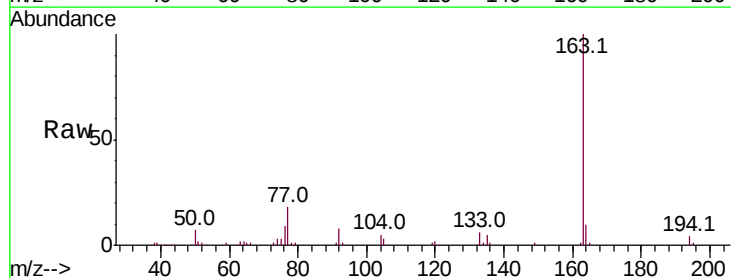


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

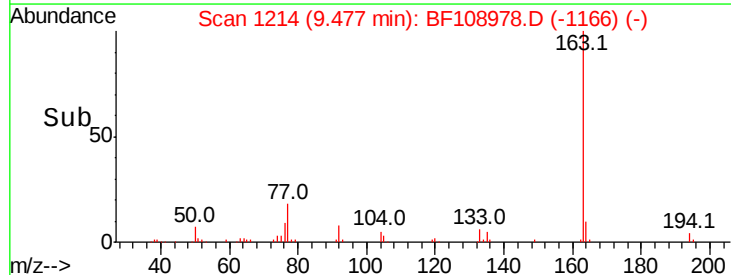
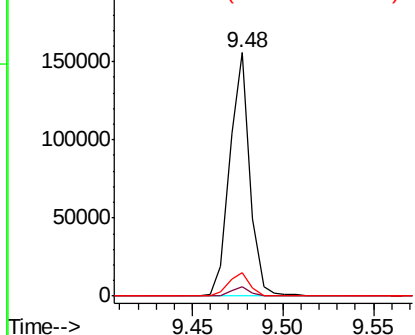


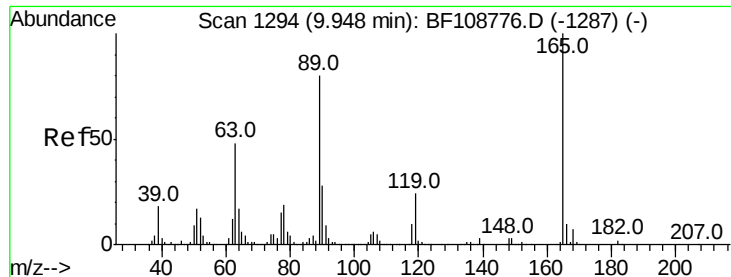
#49
Dimethylphthalate
Concen: 6.636 ng
RT: 9.48 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF108978.D
Acq: 13 Sep 2018 21:31

Tgt Ion:163 Resp: 119895
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.5 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

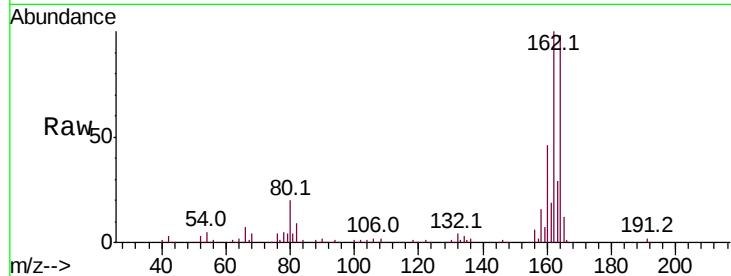




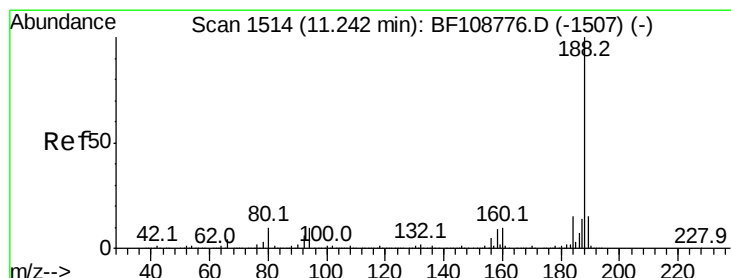
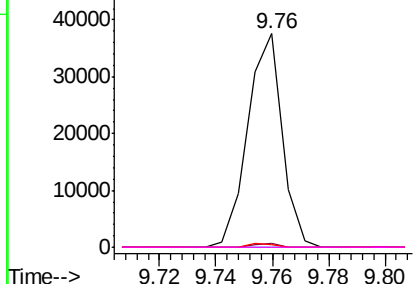
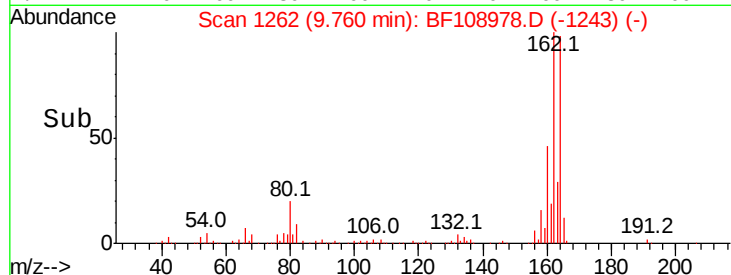
#56
 2,4-Dinitrotoluene
 Concen: 7.216 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.19 min
 Lab File: BF108978.D
 Acq: 13 Sep 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 31770
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#

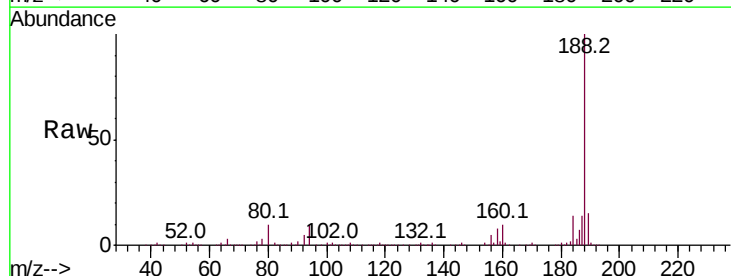


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

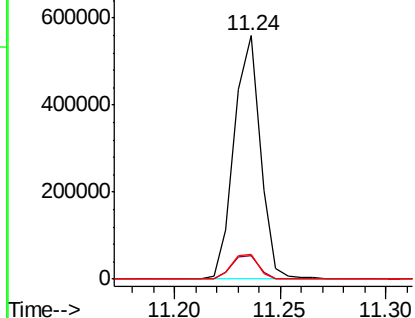
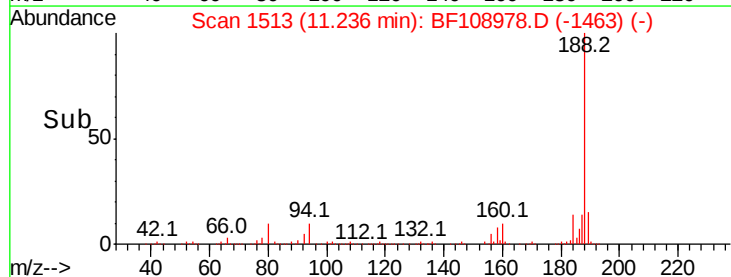


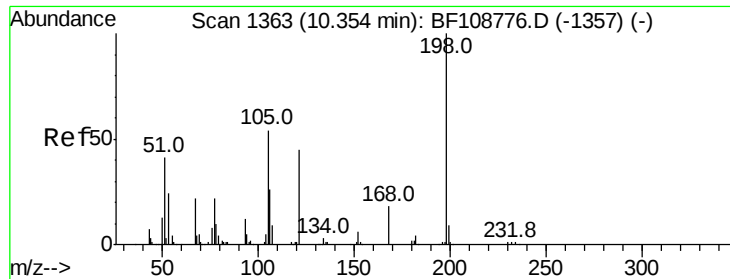
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF108978.D
 Acq: 13 Sep 2018 21:31

Tgt Ion:188 Resp: 478326
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 9.9 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

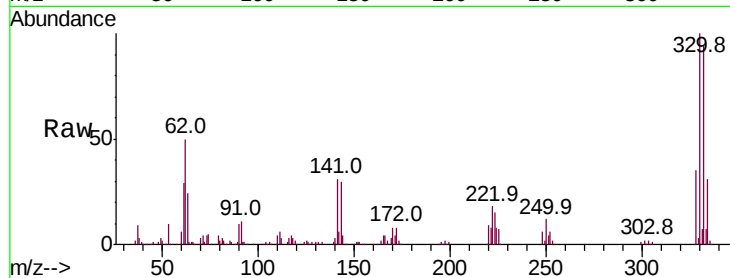




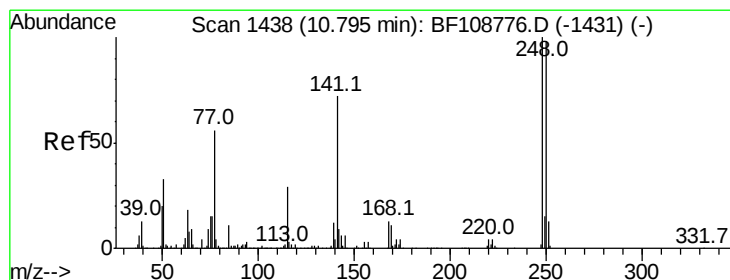
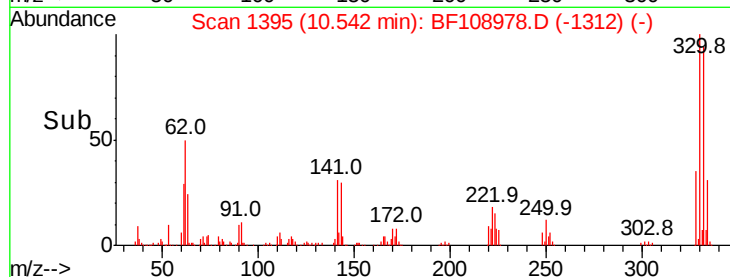
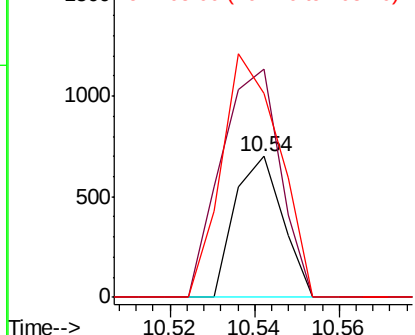
#64
4,6-Dinitro-2-methylphenol
Concen: 7.119 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.19 min
Lab File: BF108978.D
Acq: 13 Sep 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 550
Ion Ratio Lower Upper
198 100
51 162.0 37.7 77.7#
105 144.9 36.3 76.3#

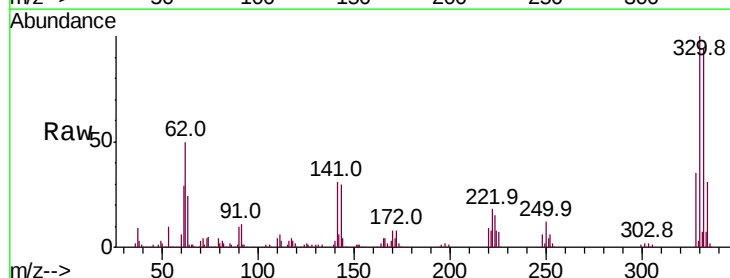


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

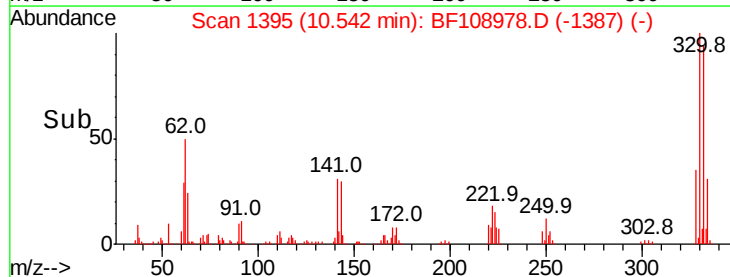
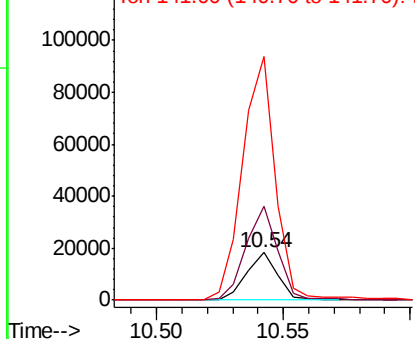


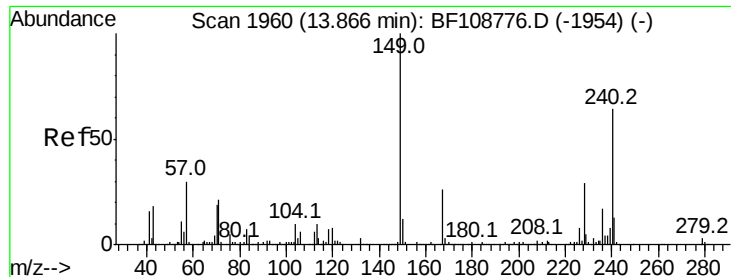
#66
4-Bromophenyl-phenylether
Concen: 2.938 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.25 min
Lab File: BF108978.D
Acq: 13 Sep 2018 21:31

Tgt Ion:248 Resp: 15873
Ion Ratio Lower Upper
248 100
250 196.5 76.9 115.3#
141 510.7 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: 13.86 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BF108978.D

Acq: 13 Sep 2018 21:31

Instrument :

BNA_F

ClientSampled :

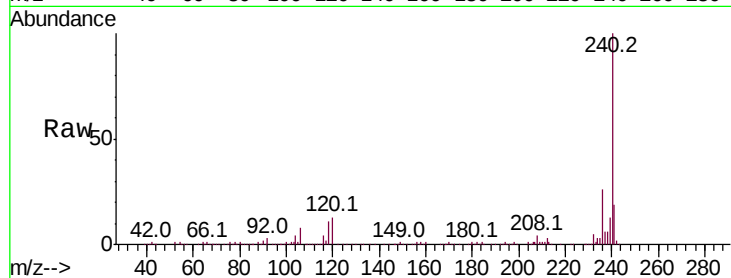
Tot Ion:240 Resp: 370585

Ion Ratio Lower Upper

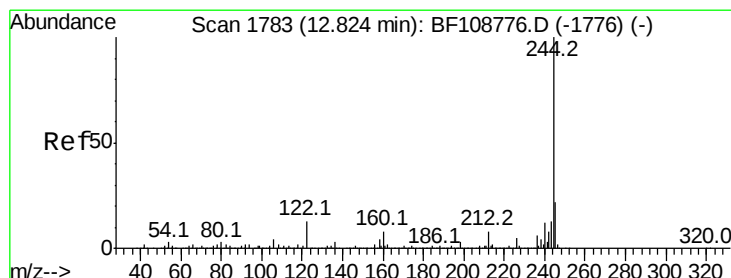
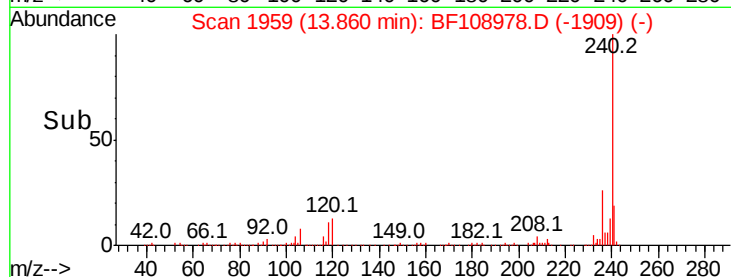
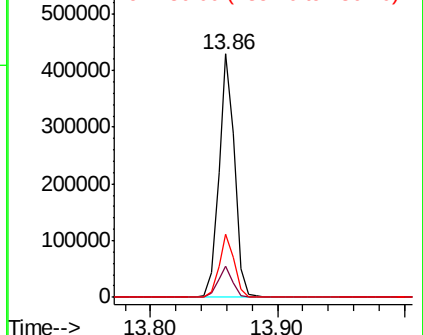
240 100

120 12.8 9.5 14.3

236 25.8 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: 97.980 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108978.D

Acq: 13 Sep 2018 21:31

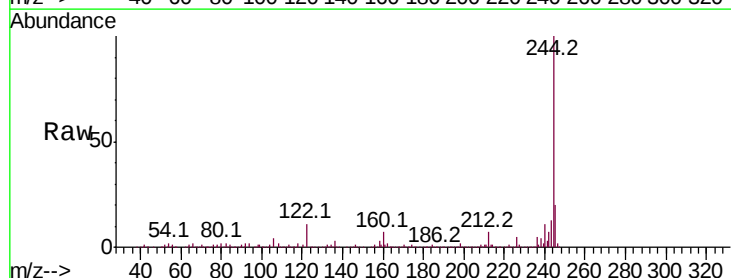
Tgt Ion:244 Resp: 1557088

Ion Ratio Lower Upper

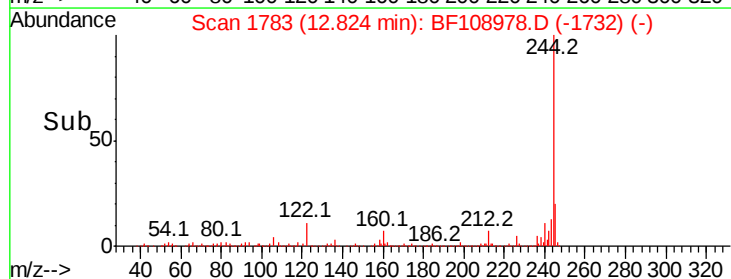
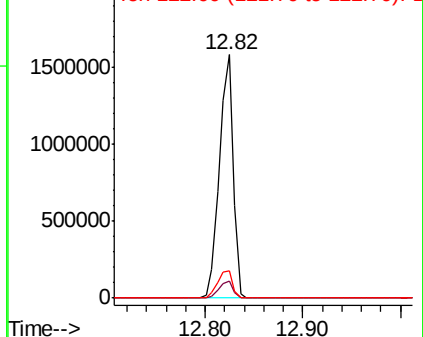
244 100

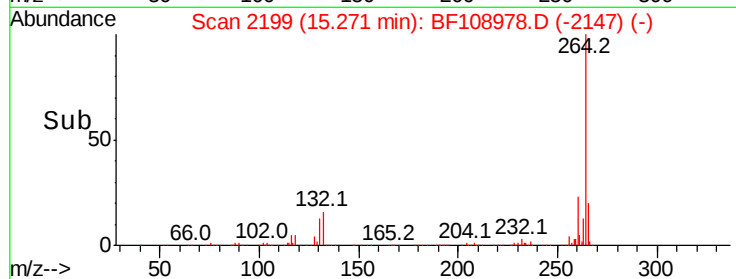
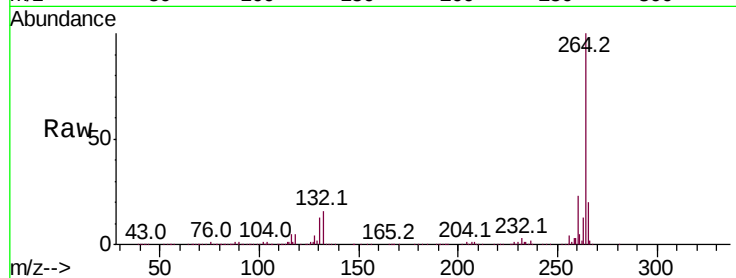
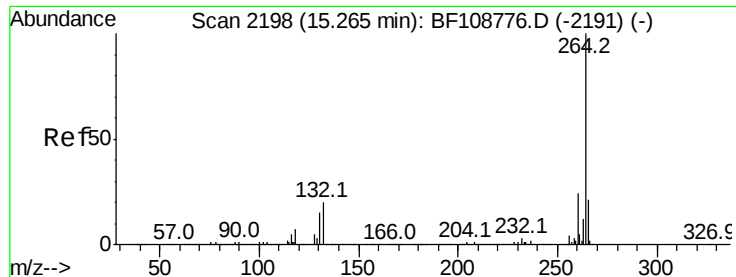
212 7.2 5.4 8.0

122 11.4 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: 15.27 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF108978.D

Acq: 13 Sep 2018 21:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 390044

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.3 17.5 26.3

