

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108979.D
 Acq On : 13 Sep 2018 21:58
 Operator : JU/SJ
 Sample : J4875-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 01:58:34 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

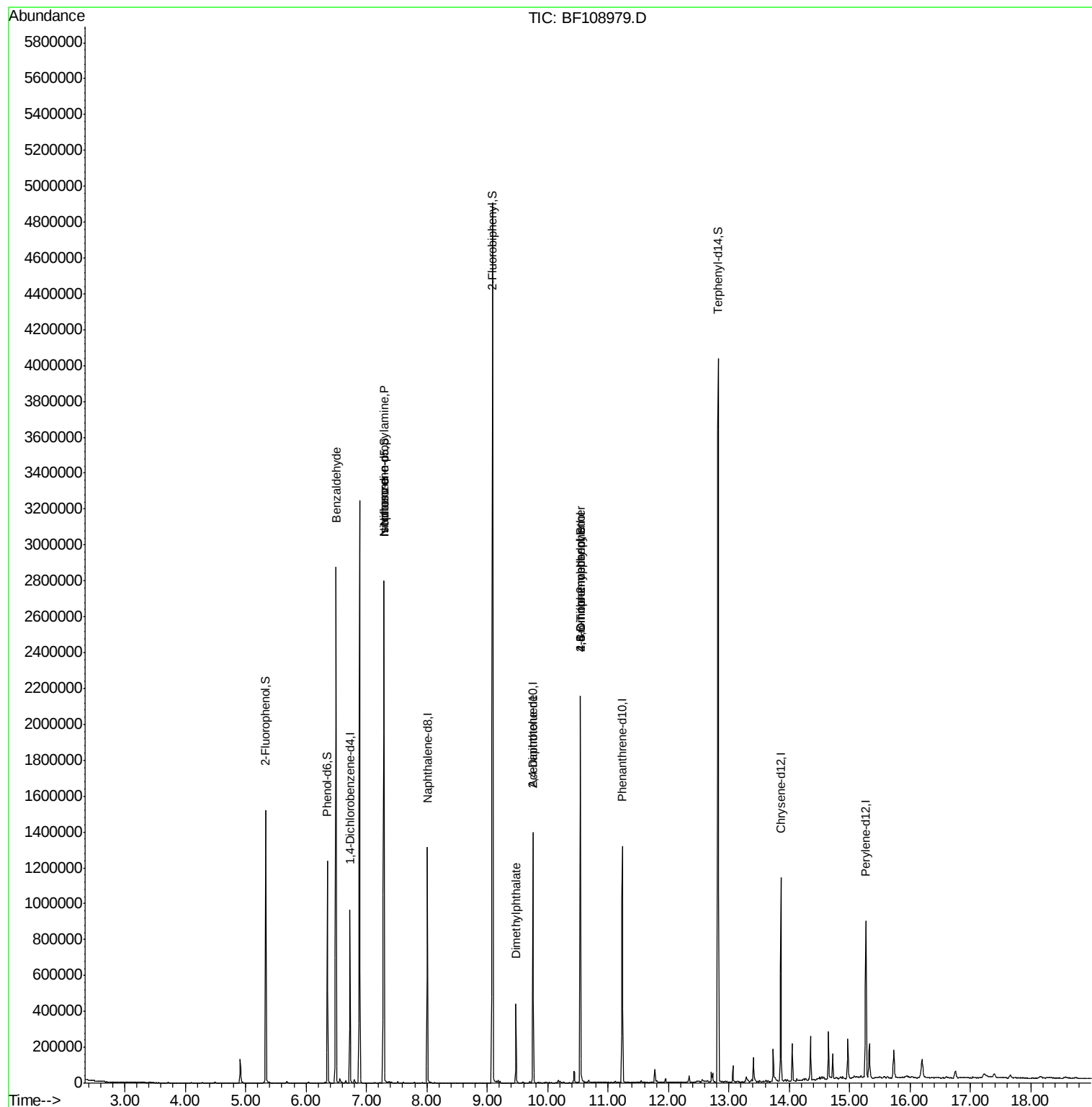
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	146027	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	538911	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	248502	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	445755	20.00	ng	0.00
75) Chrysene-d12	13.86	240	348859	20.00	ng	0.00
86) Perylene-d12	15.27	264	398534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	435577	49.42	ng	0.00
7) Phenol-d6	6.35	99	358657	31.62	ng	-0.01
23) Nitrobenzene-d5	7.29	82	973213	113.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	258900	109.13	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1579874	108.46	ng	0.00
78) Terphenyl-d14	12.82	244	1438894	96.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	16615	2.065	ng	# 78
19) n-Nitroso-di-n-propylamine	7.29	70	131106	16.631	ng	# 77
25) Isophorone	7.29	82	969405	56.436	ng	# 64
49) Dimethylphthalate	9.48	163	167337	9.628	ng	# 99
56) 2,4-Dinitrotoluene	9.76	165	31401	7.414	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	509	7.117	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	15522	3.083	ng	# 1

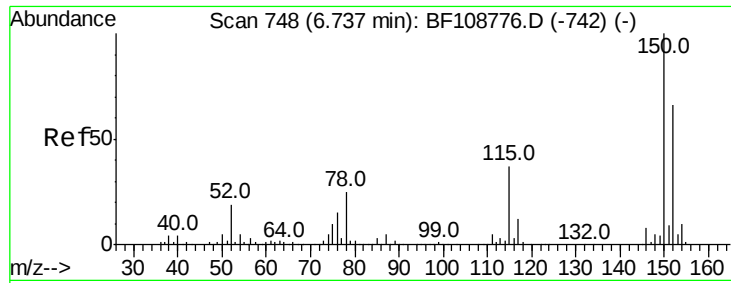
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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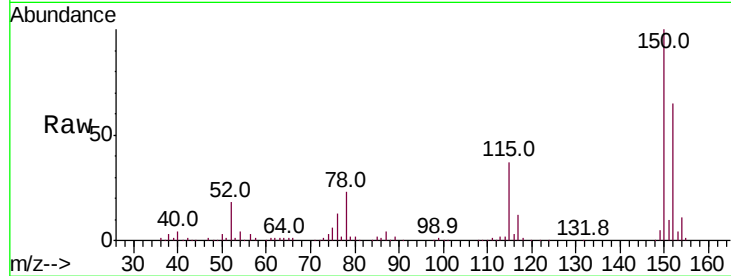


#1

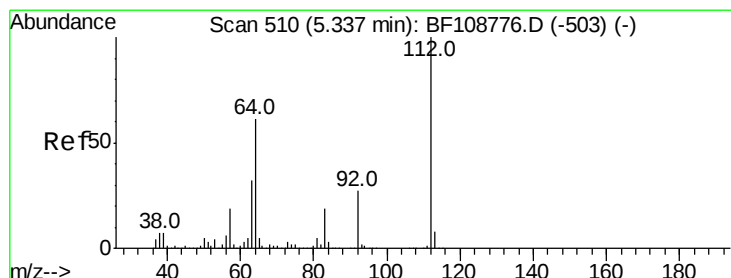
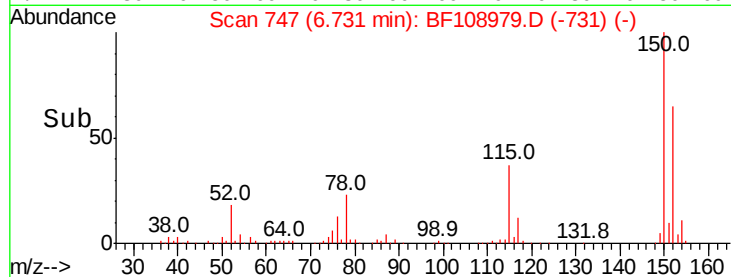
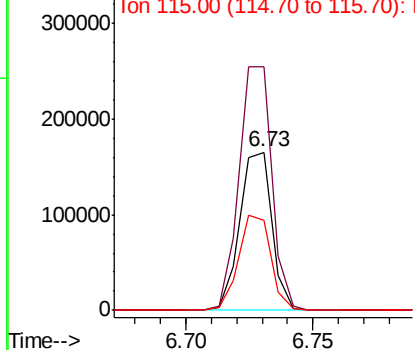
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108979.D
Acq: 13 Sep 2018 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	56.7	50.1	75.1



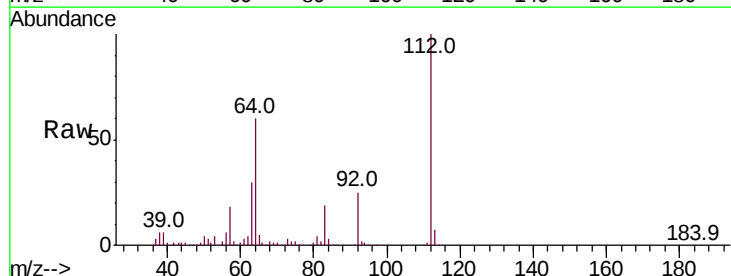
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



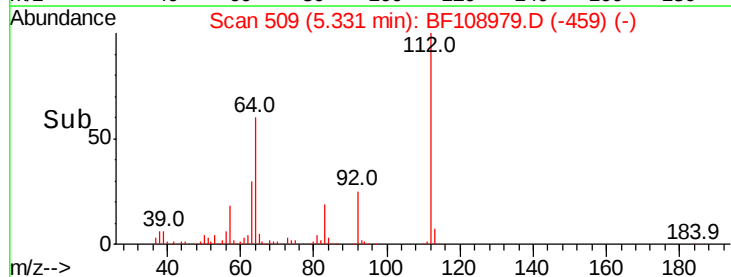
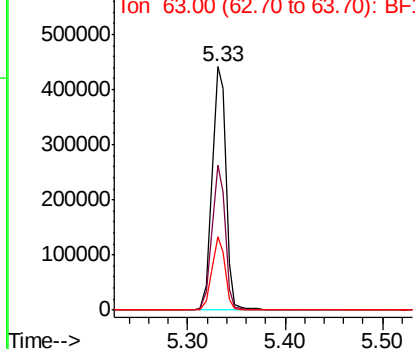
#5

2-Fluorophenol
Concen: 49.416 ng
RT: 5.33 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF108979.D
Acq: 13 Sep 2018 21:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	30.4	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: 31.624 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF108979.D

Acq: 13 Sep 2018 21:58

Instrument :

BNA_F

ClientSampleId :

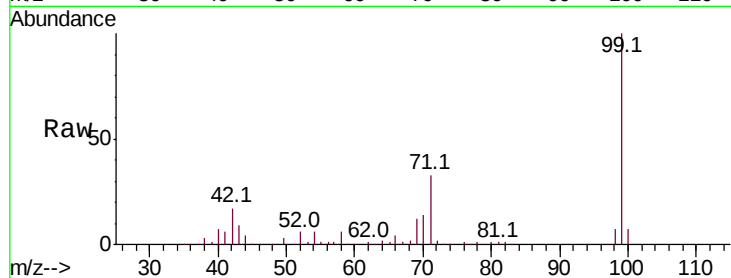
Tot Ion: 99 Resp: 358657

Ion Ratio Lower Upper

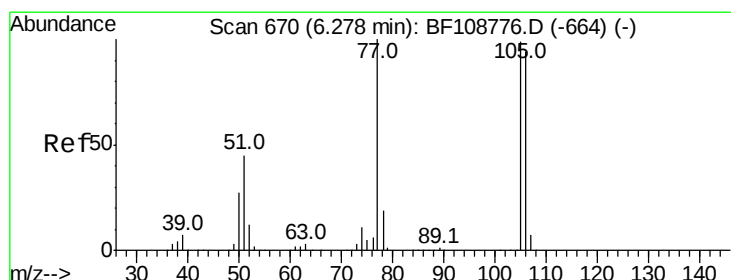
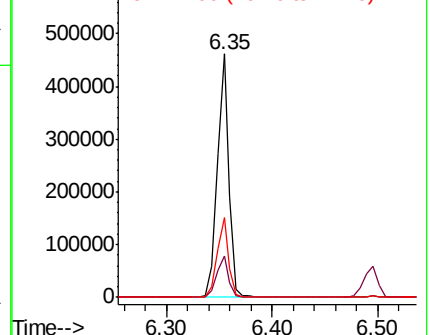
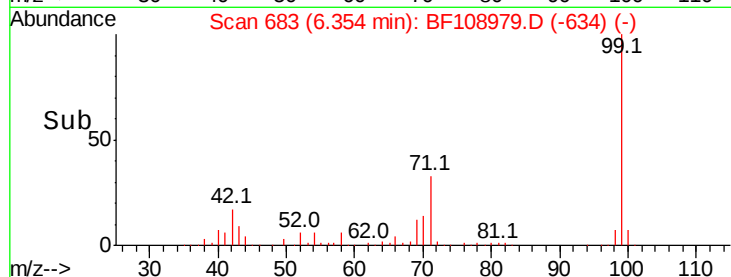
99 100

42 17.2 14.5 21.7

71 32.8 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: 2.065 ng

RT: 6.50 min Scan# 707

Delta R.T. 0.22 min

Lab File: BF108979.D

Acq: 13 Sep 2018 21:58

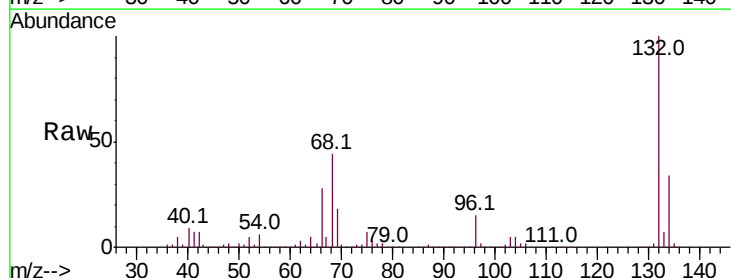
Tgt Ion: 77 Resp: 16615

Ion Ratio Lower Upper

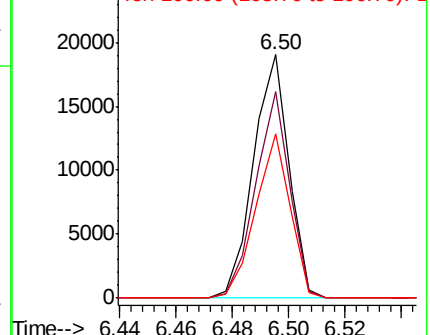
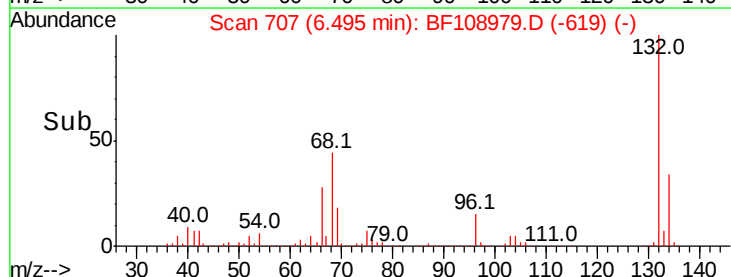
77 100

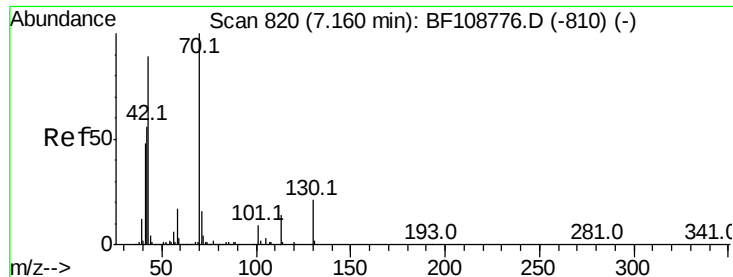
105 84.8 81.1 121.1

106 67.6 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

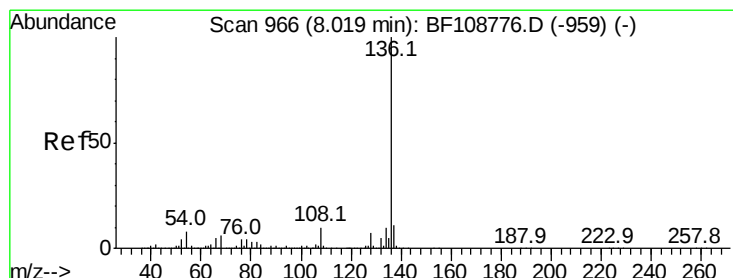
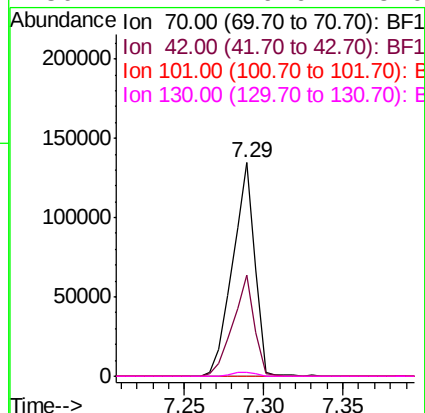
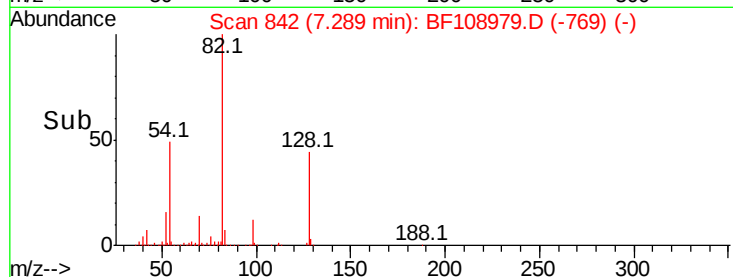
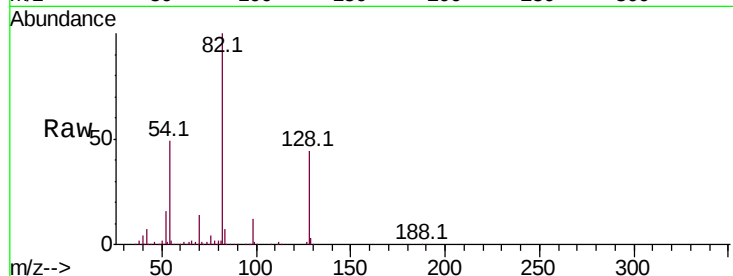




#19
n-Nitroso-di-n-propylamine
Concen: 16.631 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108979.D
Acq: 13 Sep 2018 21:58

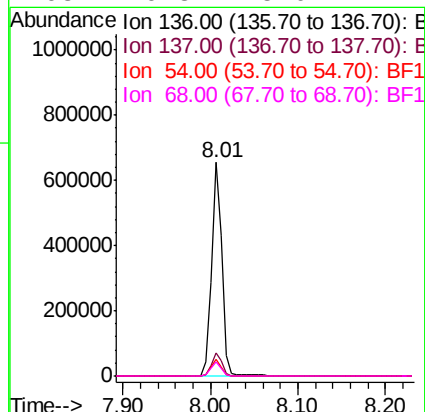
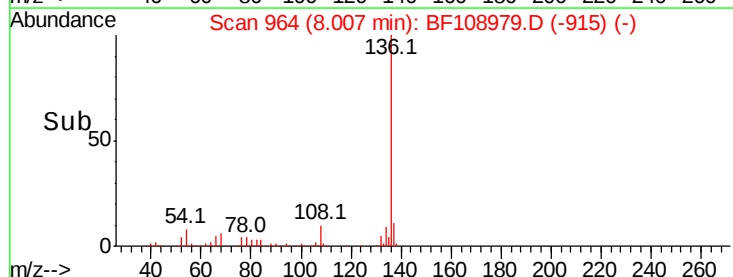
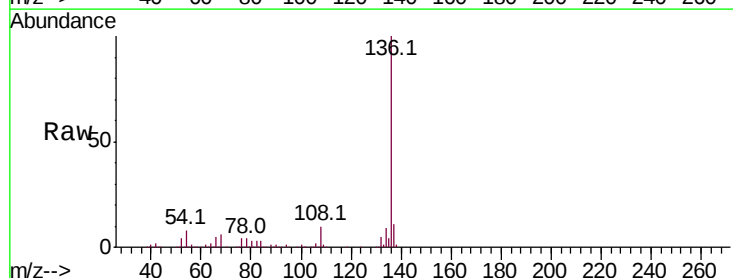
Instrument :
BNA_F
ClientSampleId :

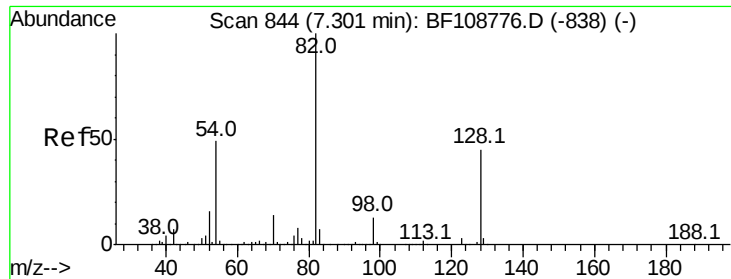
Tot Ion:	70	Resp:	131106
Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF108979.D
Acq: 13 Sep 2018 21:58

Tgt Ion:	136	Resp:	538911
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.6	6.6	9.8
68	6.3	5.0	7.4

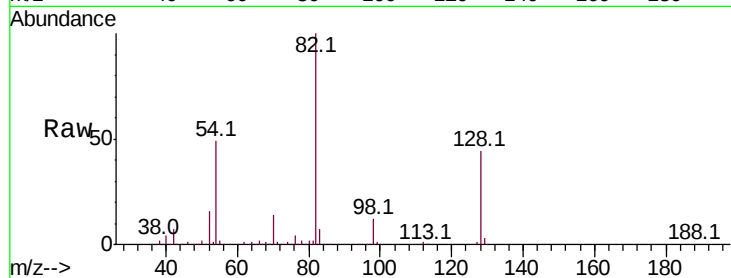




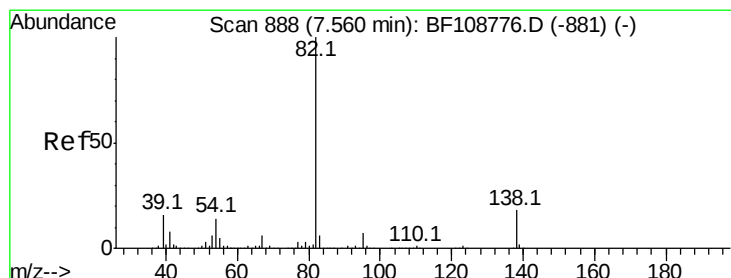
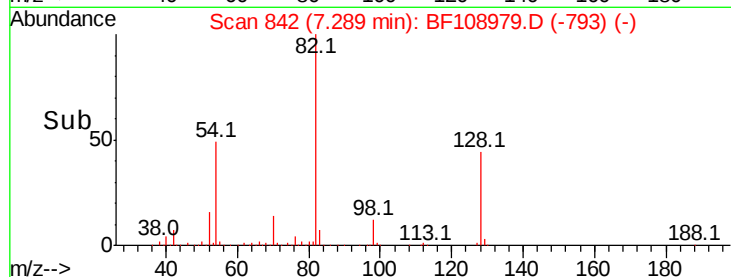
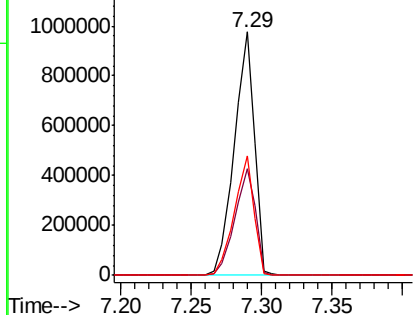
#23
Nitrobenzene-d5
Concen: 113.014 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108979.D
Acq: 13 Sep 2018 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 973213
Ion Ratio Lower Upper
82 100
128 43.7 36.1 54.1
54 49.0 41.4 62.2

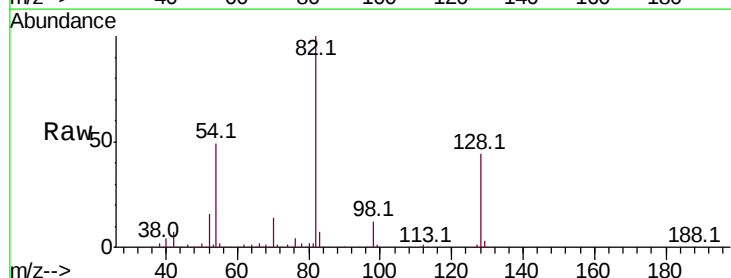


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

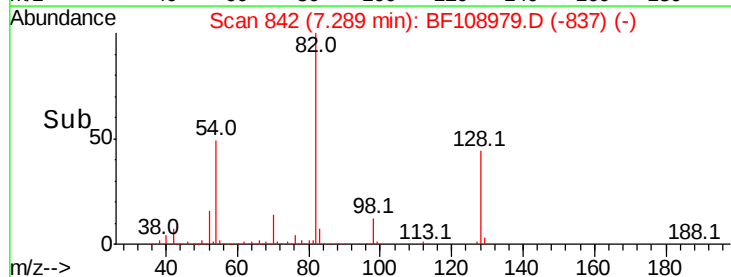
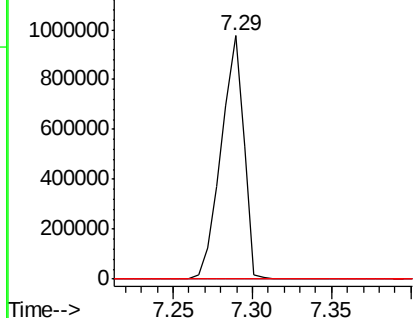


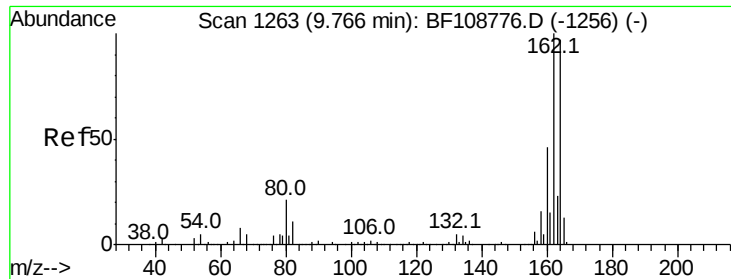
#25
Isophorone
Concen: 56.436 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.27 min
Lab File: BF108979.D
Acq: 13 Sep 2018 21:58

Tgt Ion: 82 Resp: 969405
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

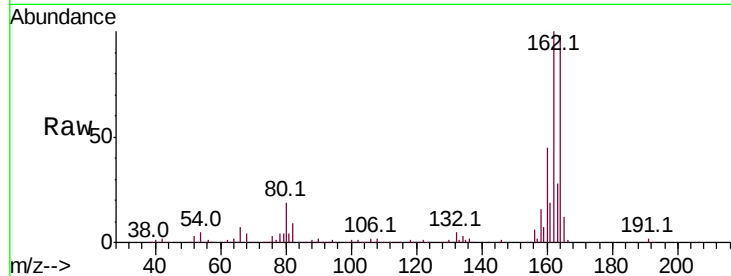




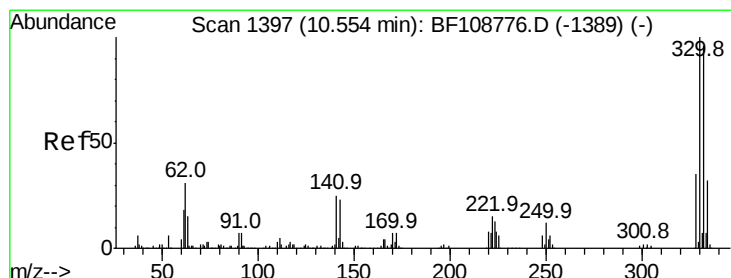
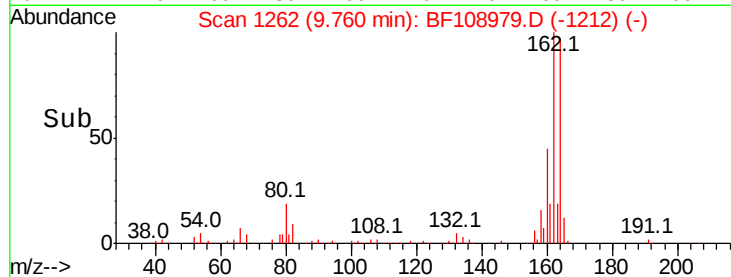
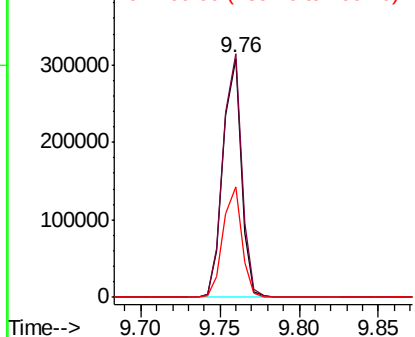
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF108979.D
 Acq: 13 Sep 2018 21:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	46.2	38.3	57.5

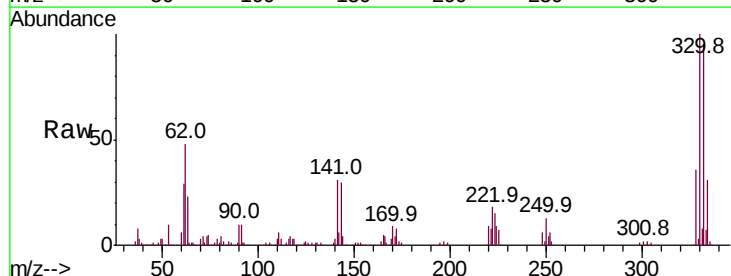


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

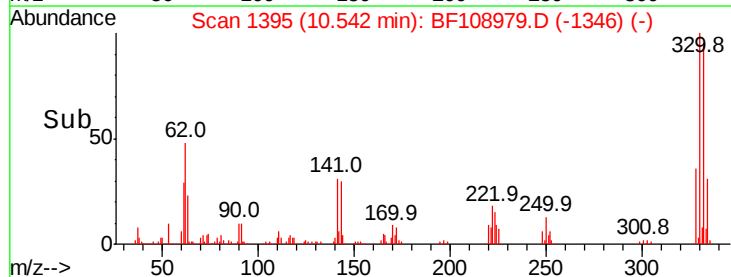
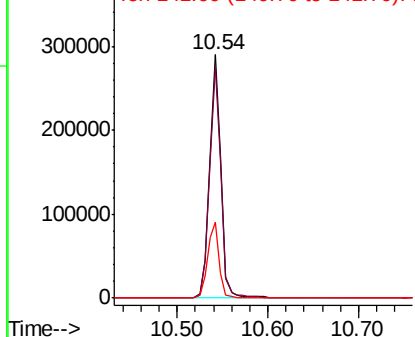


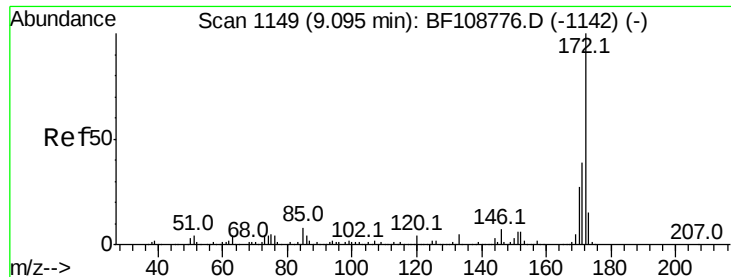
#41
 2,4,6-Tribromophenol
 Concen: 109.134 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108979.D
 Acq: 13 Sep 2018 21:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	31.9	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

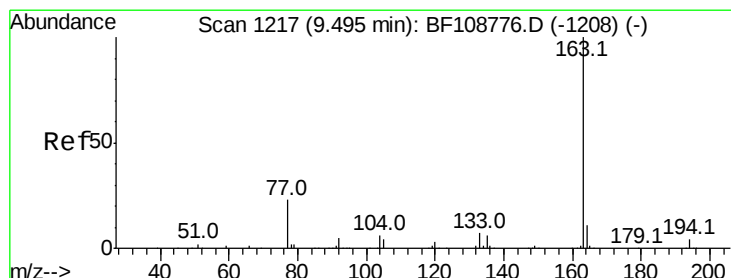
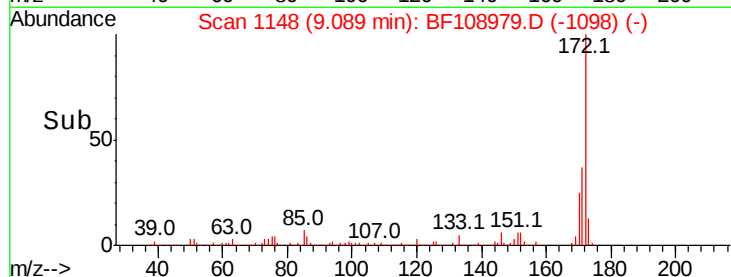
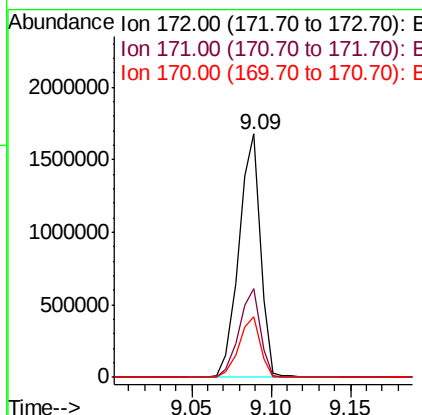
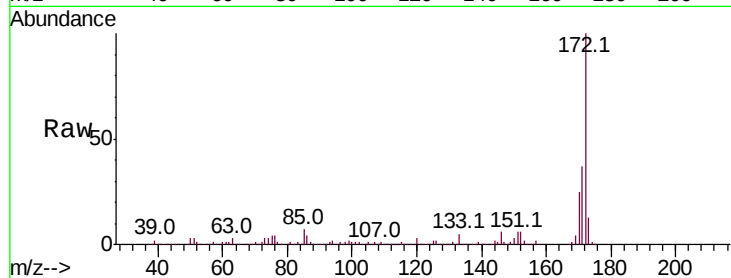




#44
2-Fluorobiphenyl
Concen: 108.460 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108979.D
Acq: 13 Sep 2018 21:58

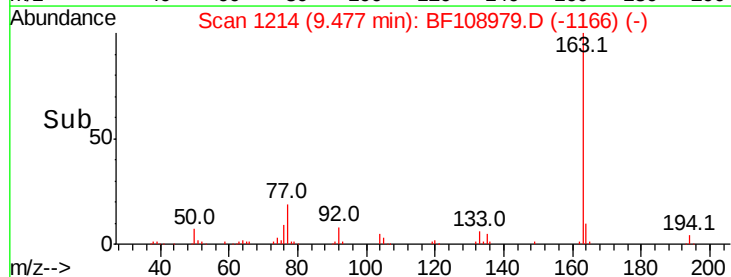
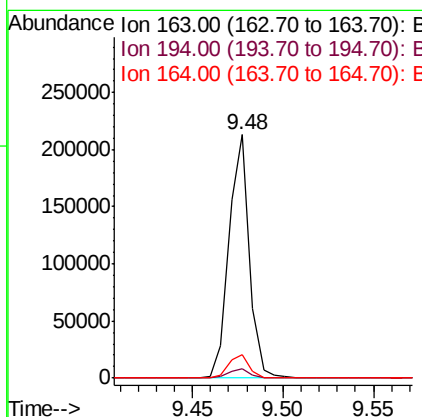
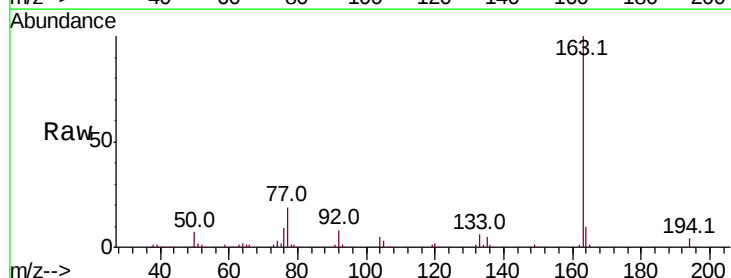
Instrument :
BNA_F
ClientSampleId :

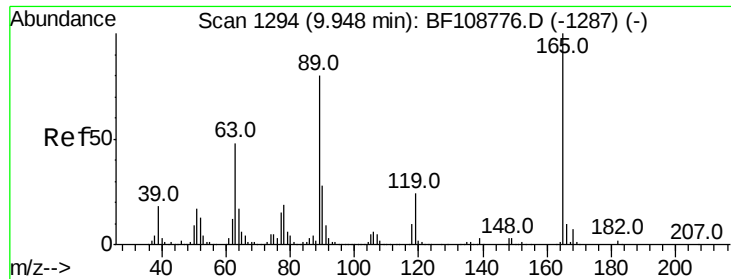
Tot Ion:172 Resp: 1579874
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.9 19.6 29.4



#49
Dimethylphthalate
Concen: 9.628 ng
RT: 9.48 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF108979.D
Acq: 13 Sep 2018 21:58

Tgt Ion:163 Resp: 167337
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.7 8.2 12.2

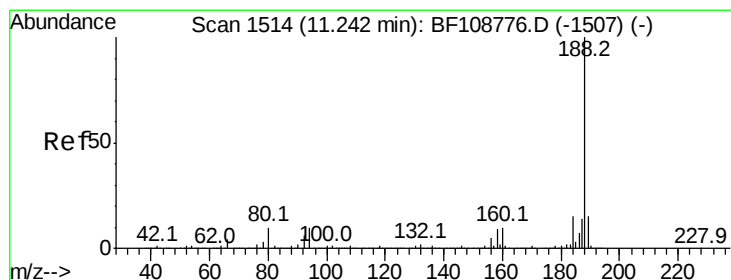
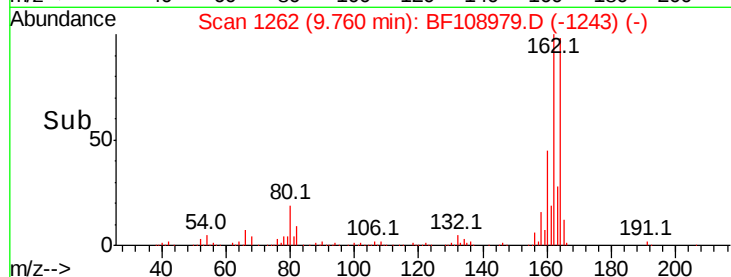
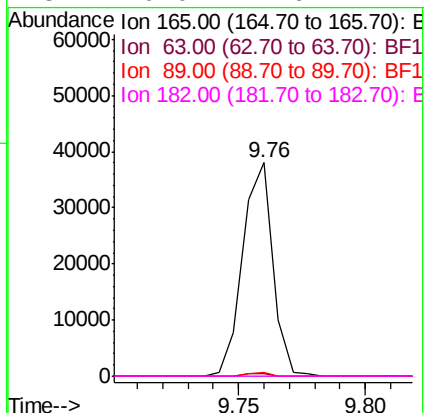
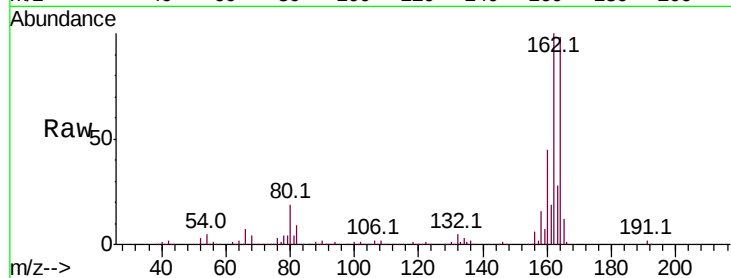




#56
 2,4-Dinitrotoluene
 Concen: 7.414 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.19 min
 Lab File: BF108979.D
 Acq: 13 Sep 2018 21:58

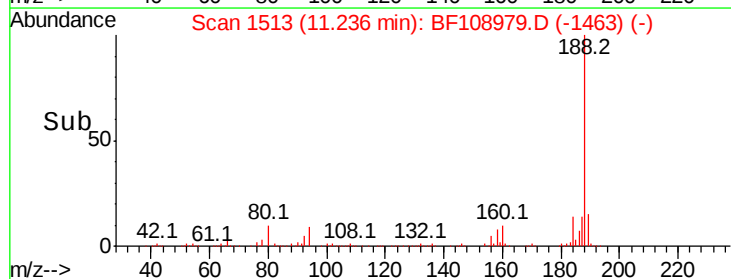
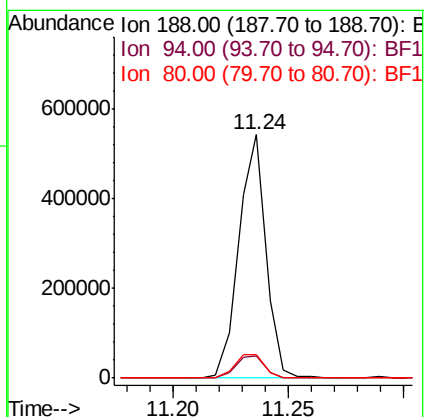
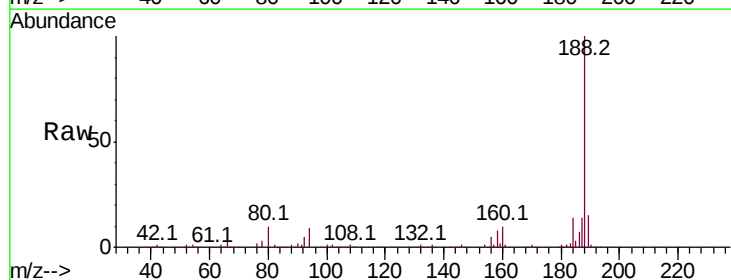
Instrument :
 BNA_F
 ClientSampleId :

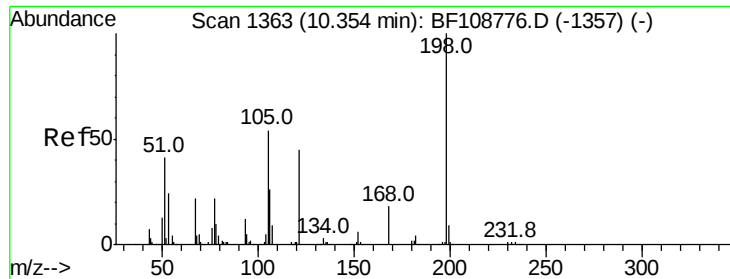
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF108979.D
 Acq: 13 Sep 2018 21:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.9	9.2	13.8

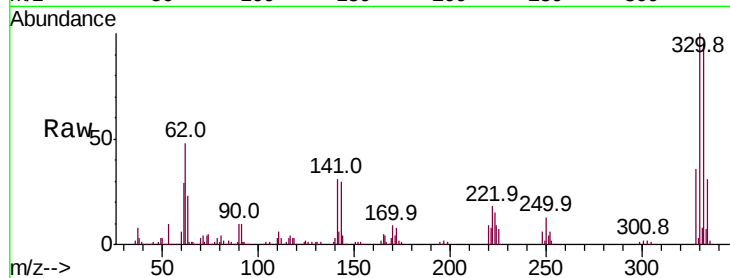




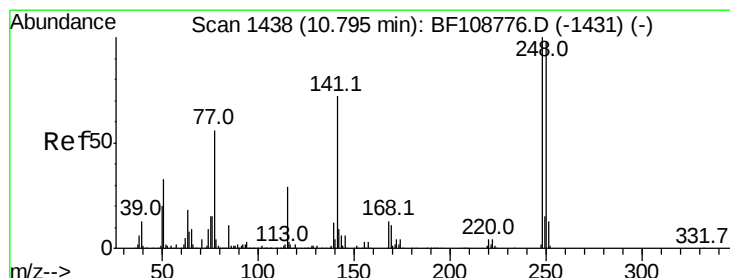
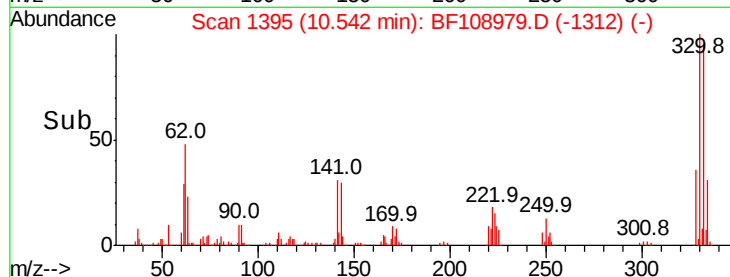
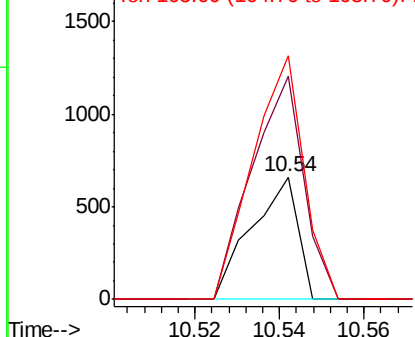
#64
4,6-Dinitro-2-methylphenol
Concen: 7.117 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.19 min
Lab File: BF108979.D
Acq: 13 Sep 2018 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 509
Ion Ratio Lower Upper
198 100
51 181.7 37.7 77.7#
105 198.5 36.3 76.3#

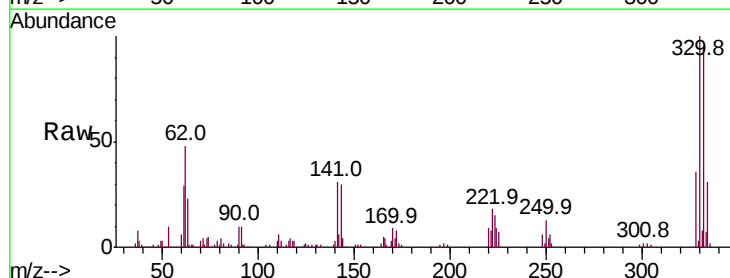


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

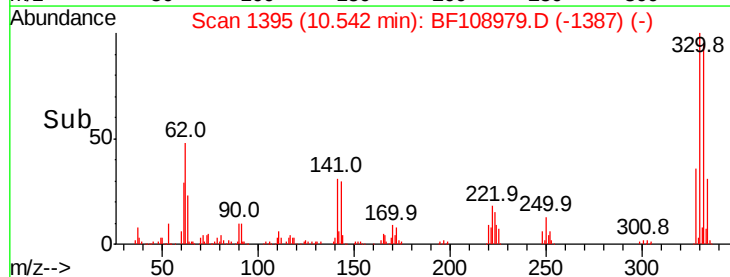
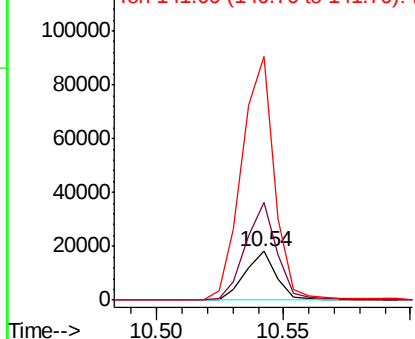


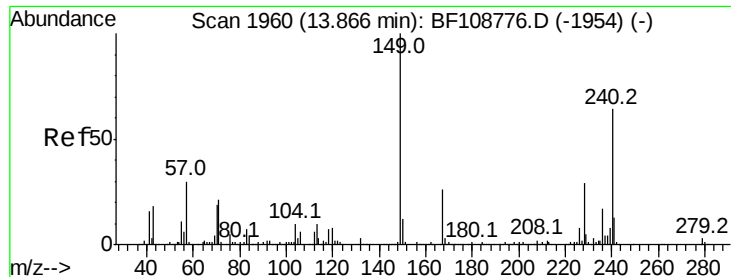
#66
4-Bromophenyl-phenylether
Concen: 3.083 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.25 min
Lab File: BF108979.D
Acq: 13 Sep 2018 21:58

Tgt Ion:248 Resp: 15522
Ion Ratio Lower Upper
248 100
250 201.4 76.9 115.3#
141 501.9 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: 13.86 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BF108979.D

Acq: 13 Sep 2018 21:58

Instrument :

BNA_F

ClientSampleId :

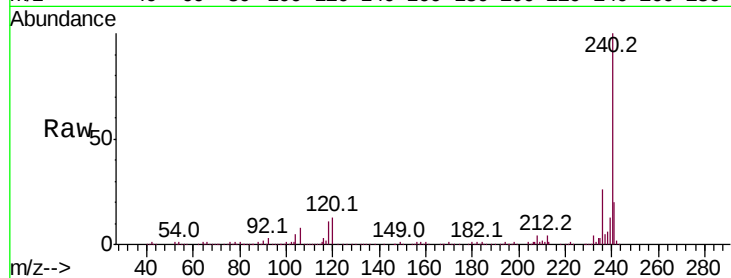
Tot Ion:240 Resp: 348859

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

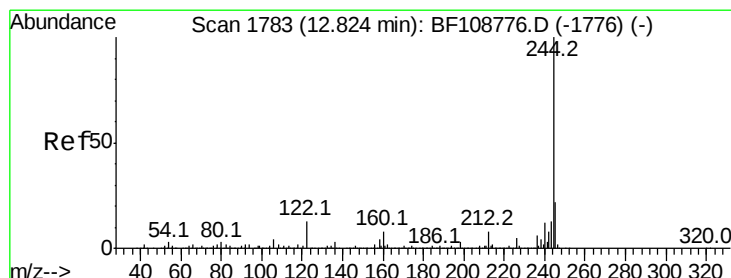
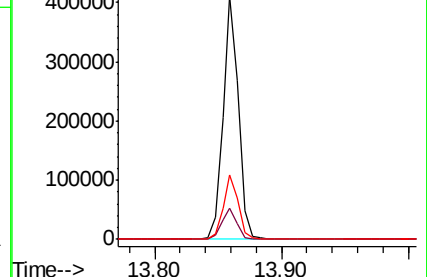
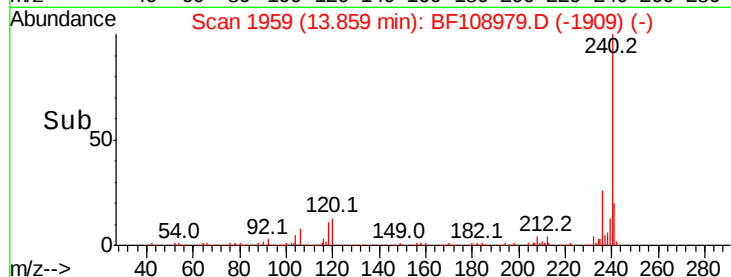
236 26.3 20.7 31.1



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: 96.181 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108979.D

Acq: 13 Sep 2018 21:58

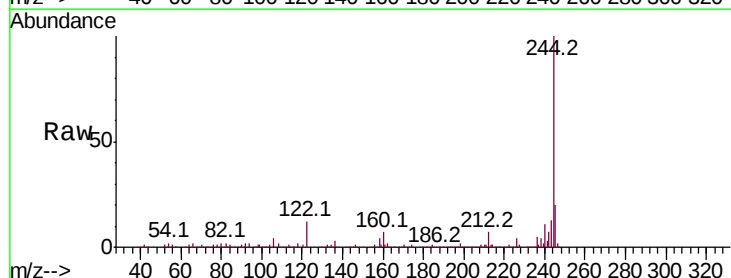
Tgt Ion:244 Resp: 1438894

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

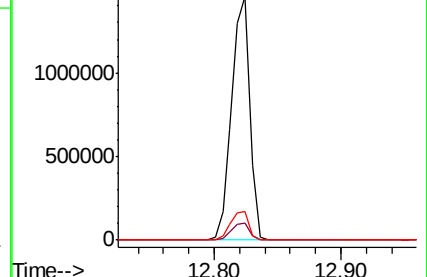
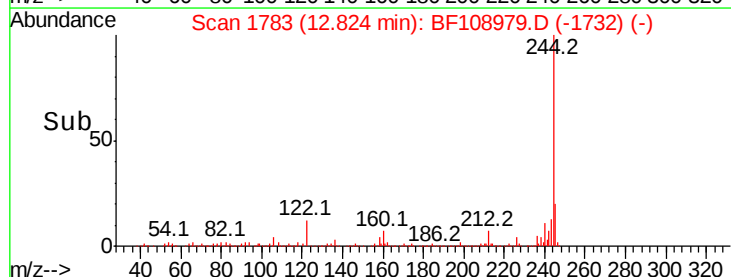
122 11.5 11.0 16.4

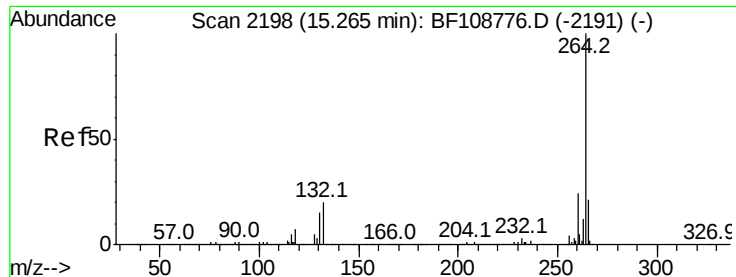


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BF108979.D
 Acq: 13 Sep 2018 21:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.9	17.5	26.3

