

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108982.D
 Acq On : 13 Sep 2018 23:19
 Operator : JU/SJ
 Sample : J4875-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 01:59:03 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

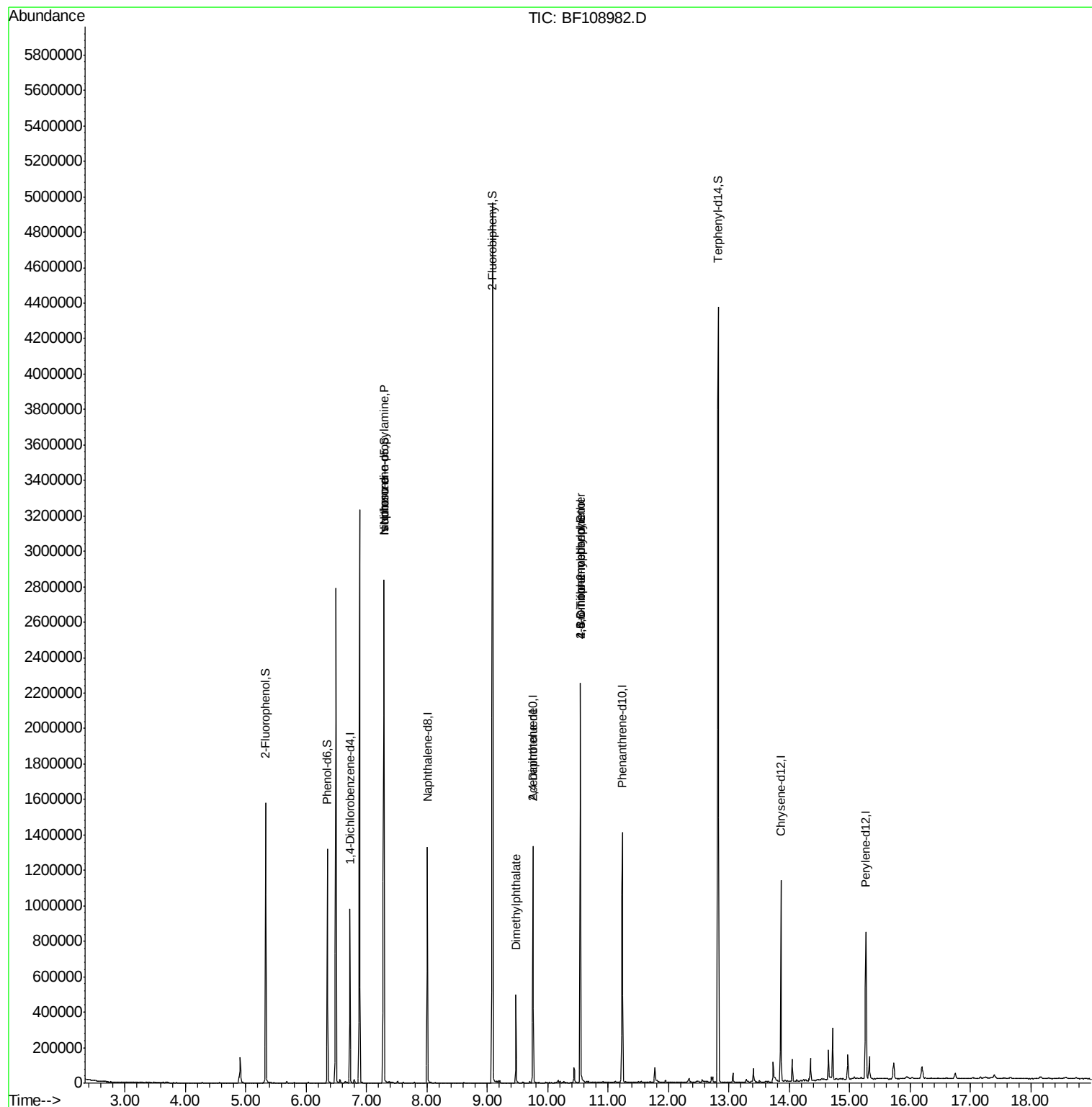
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	143200	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	537444	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	253390	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	477910	20.00	ng	0.00
75) Chrysene-d12	13.86	240	366799	20.00	ng	0.00
86) Perylene-d12	15.27	264	384943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	416782	48.22	ng	0.00
7) Phenol-d6	6.35	99	377117	33.91	ng	-0.01
23) Nitrobenzene-d5	7.29	82	964624	112.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	265861	109.91	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1600036	107.72	ng	0.00
78) Terphenyl-d14	12.82	244	1586065	100.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	130501	16.881	ng	# 78
25) Isophorone	7.29	82	958974	55.981	ng	# 64
49) Dimethylphthalate	9.48	163	184951	10.436	ng	# 99
56) 2,4-Dinitrotoluene	9.76	165	31516	7.297	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.54	198	580	7.133	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	15865	2.939	ng	# 1

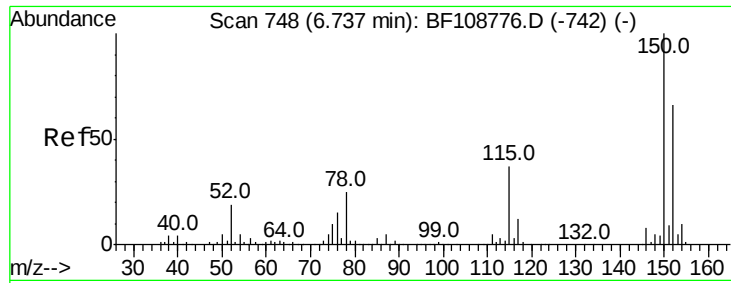
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
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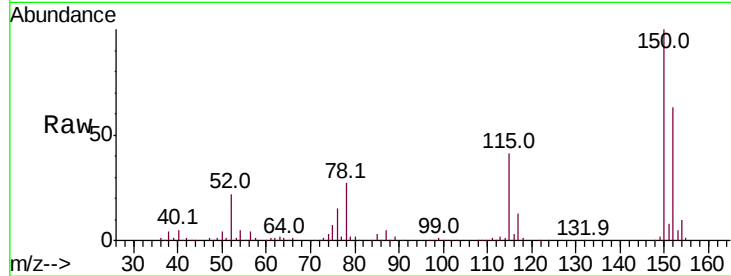


#1

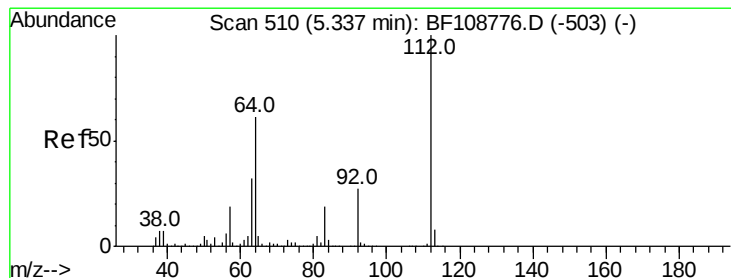
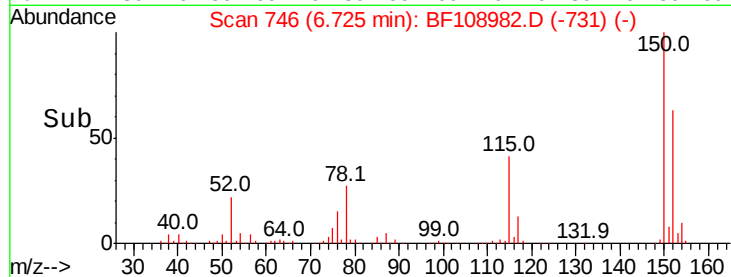
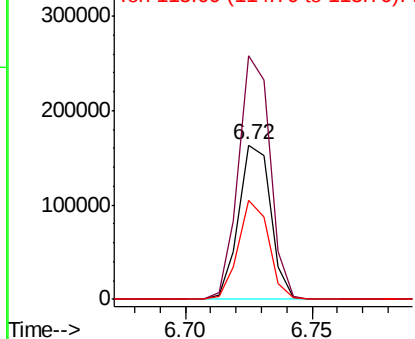
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143200
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 64.1 50.1 75.1



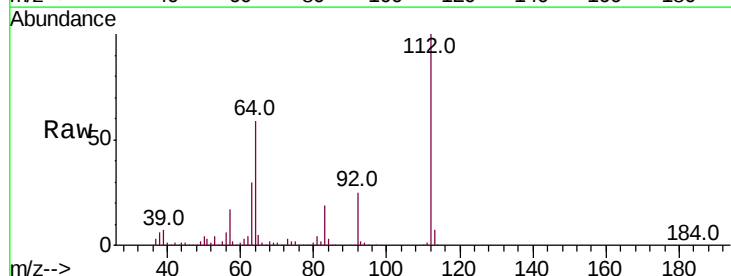
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



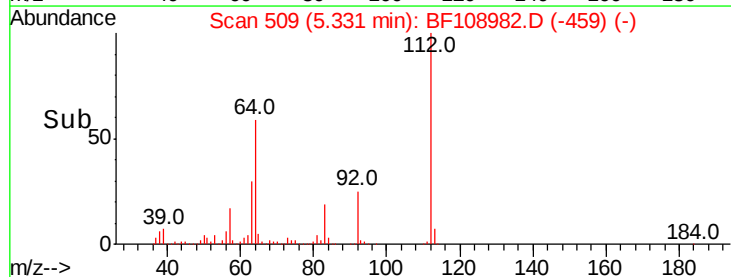
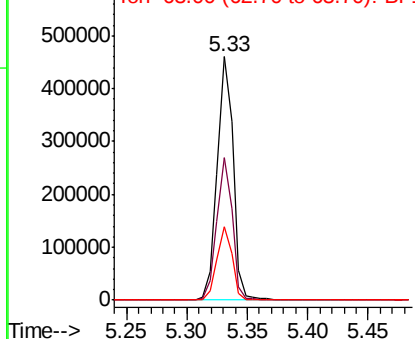
#5

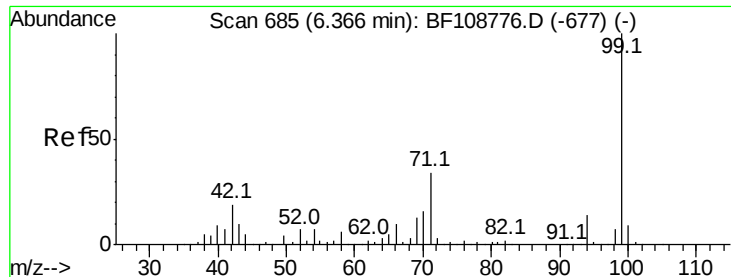
2-Fluorophenol
Concen: 48.217 ng
RT: 5.33 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

Tgt Ion:112 Resp: 416782
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 30.2 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: 33.908 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF108982.D

Acq: 13 Sep 2018 23:19

Instrument :

BNA_F

ClientSampleId :

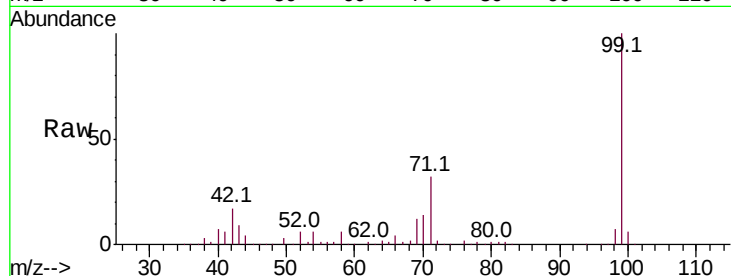
Tot Ion: 99 Resp: 377117

Ion Ratio Lower Upper

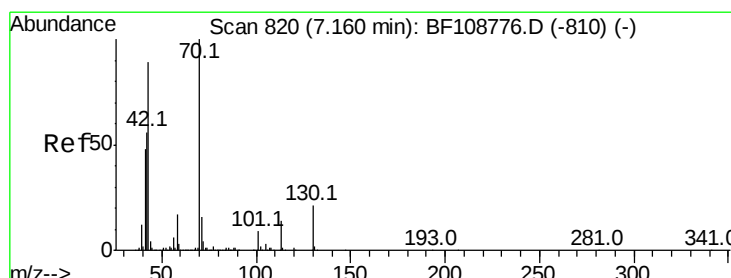
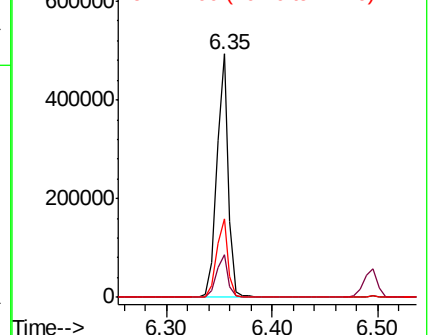
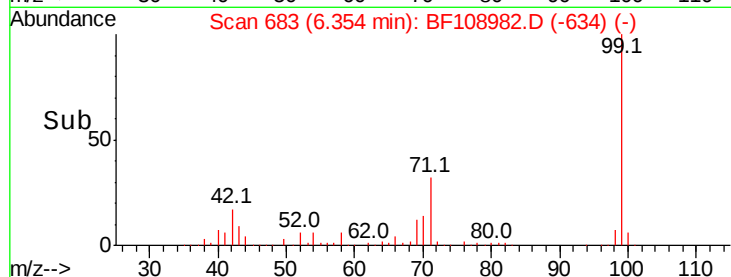
99 100

42 17.3 14.5 21.7

71 32.1 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: 16.881 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.13 min

Lab File: BF108982.D

Acq: 13 Sep 2018 23:19

Tgt Ion: 70 Resp: 130501

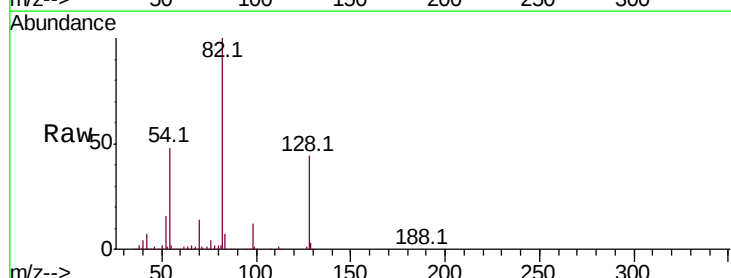
Ion Ratio Lower Upper

70 100

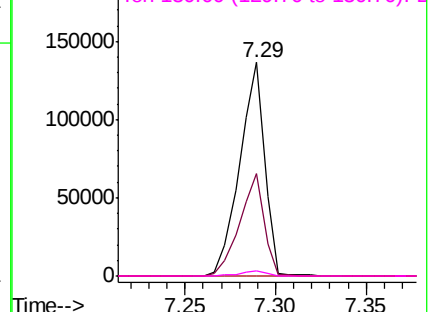
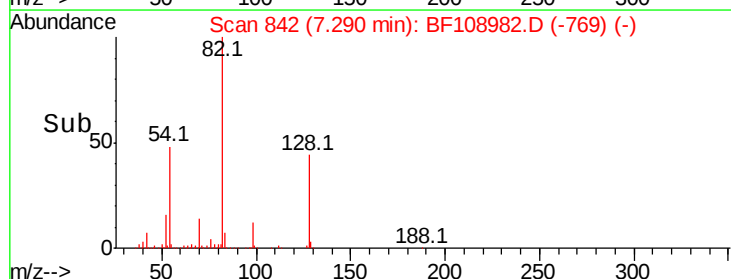
42 47.7 47.5 71.3

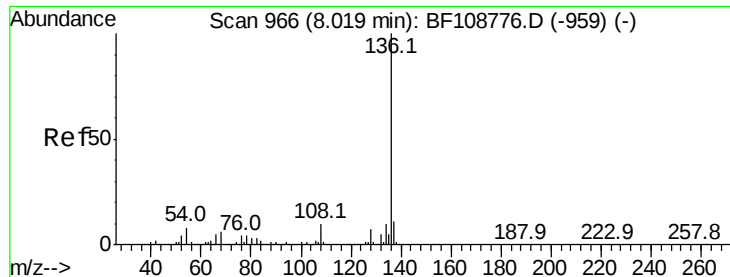
101 0.0 7.4 11.2#

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: 8.01 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF108982.D

Acq: 13 Sep 2018 23:19

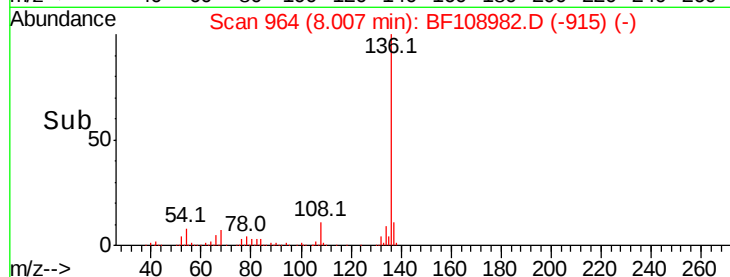
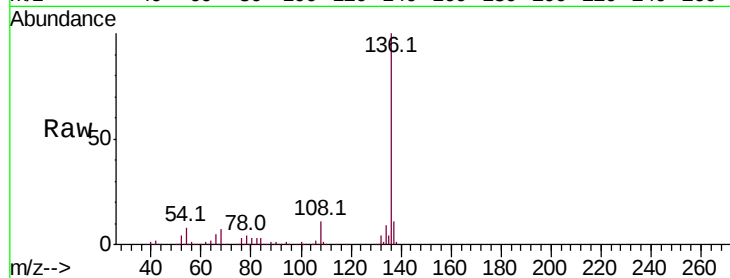
Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 537444

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.9	6.6	9.8
68	6.5	5.0	7.4

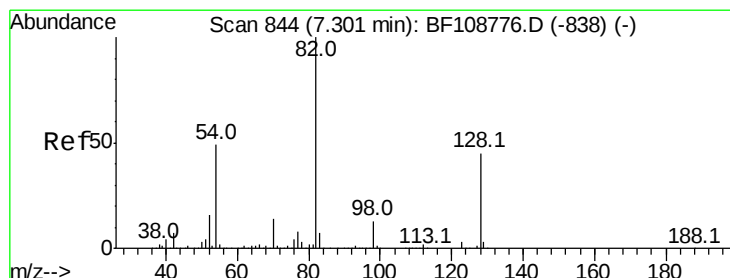
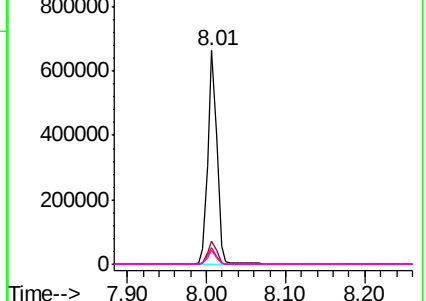


Abundance Ion 136.00 (135.70 to 136.70): E

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: 112.323 ng

RT: 7.29 min Scan# 842

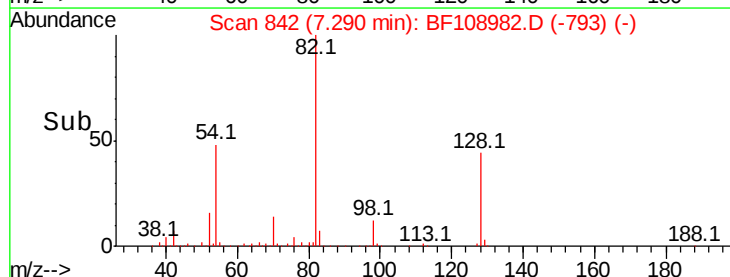
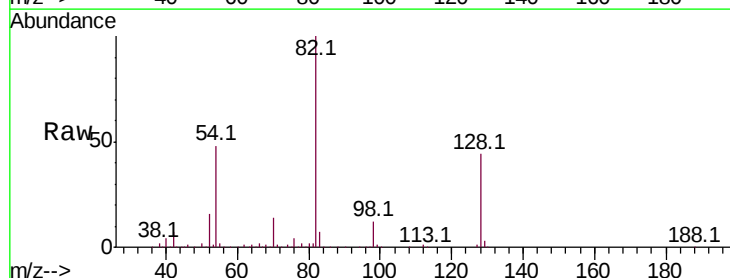
Delta R.T. -0.01 min

Lab File: BF108982.D

Acq: 13 Sep 2018 23:19

Tgt Ion: 82 Resp: 964624

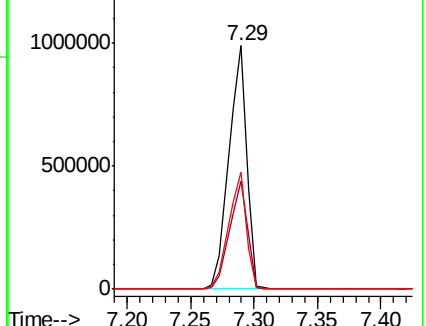
Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	48.1	41.4	62.2

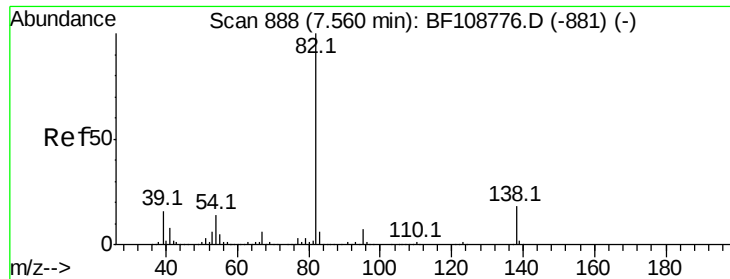


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 55.981 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108982.D

Acq: 13 Sep 2018 23:19

Instrument :

BNA_F

ClientSampled :

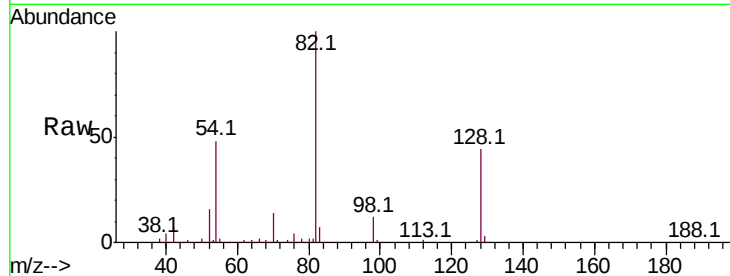
Tot Ion: 82 Resp: 958974

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

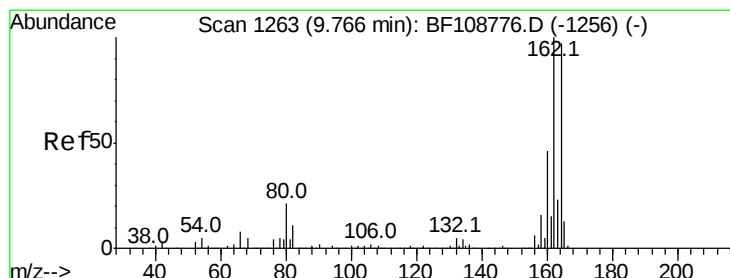
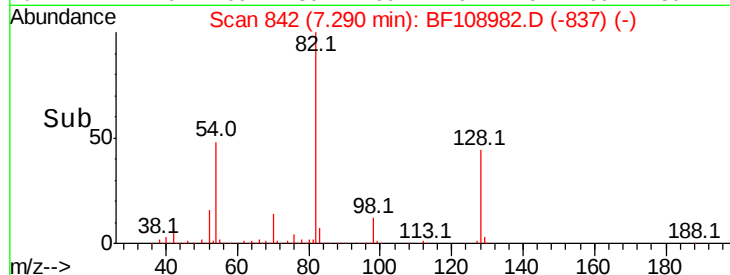
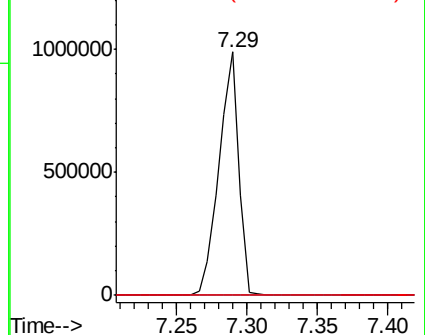
138 0.0 14.9 22.3#



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: BF108982.D

Acq: 13 Sep 2018 23:19

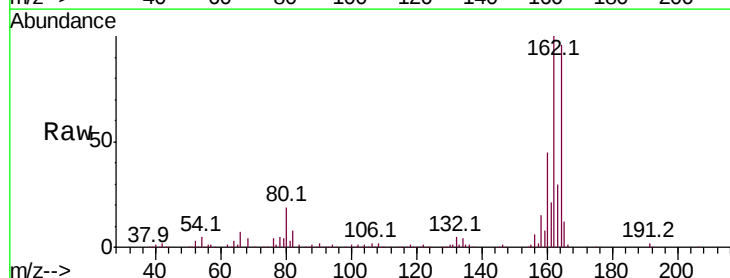
Tgt Ion: 164 Resp: 253390

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

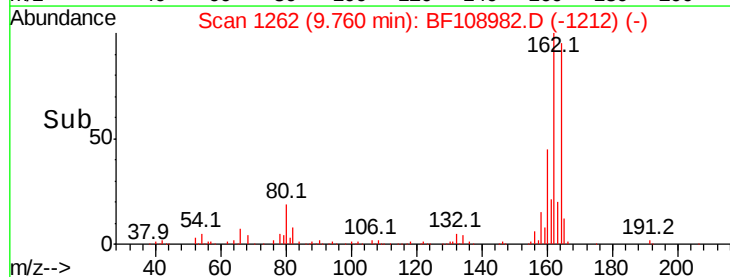
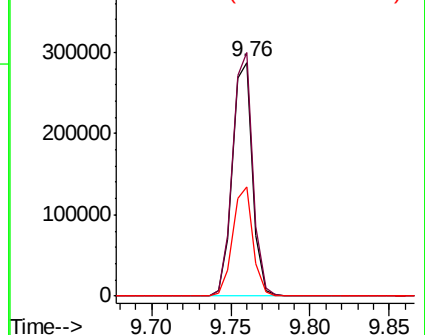
160 46.6 38.3 57.5

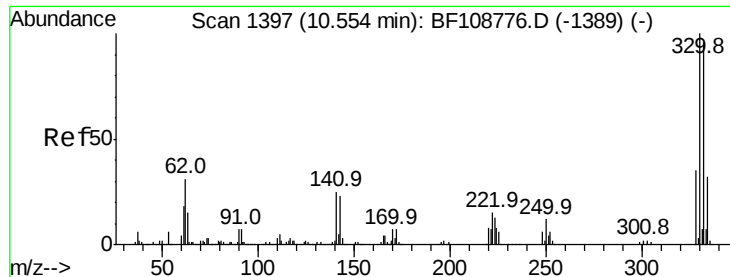


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

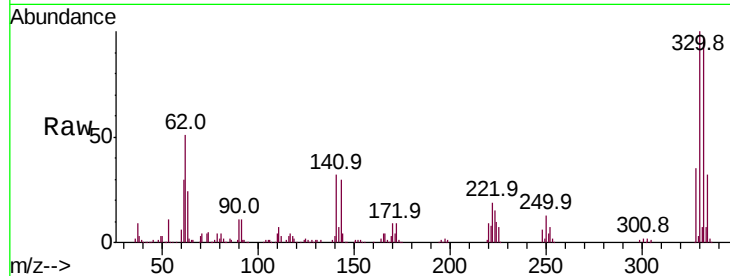




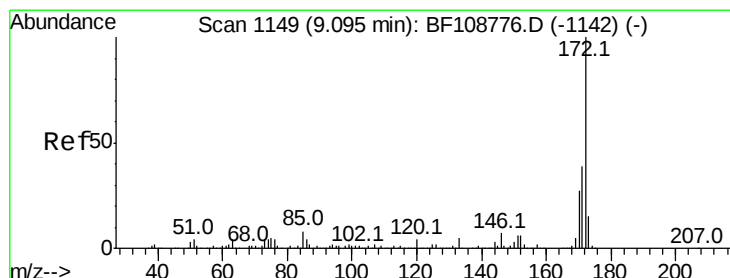
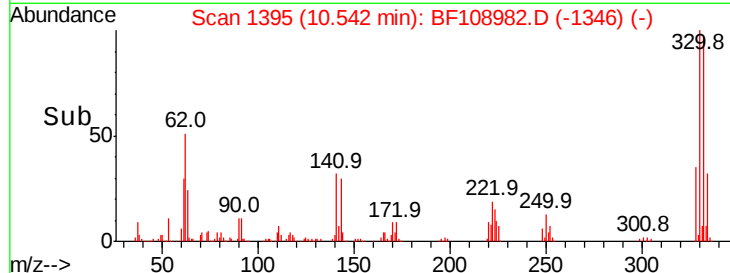
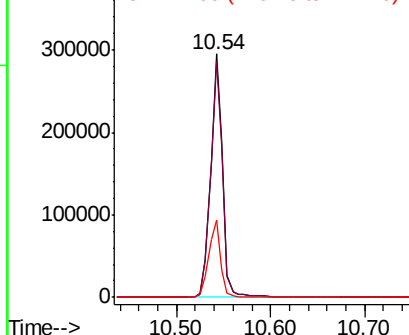
#41
 2,4,6-Tribromophenol
 Concen: 109.906 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108982.D
 Acq: 13 Sep 2018 23:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	31.4	29.9	44.9

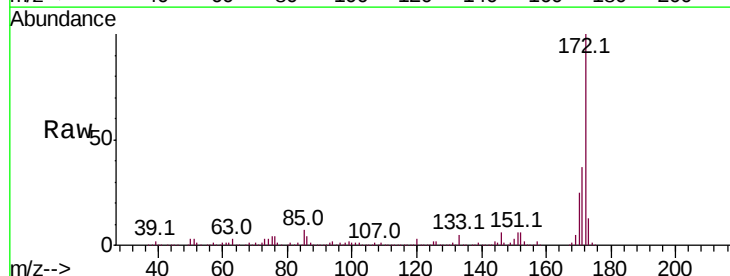


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

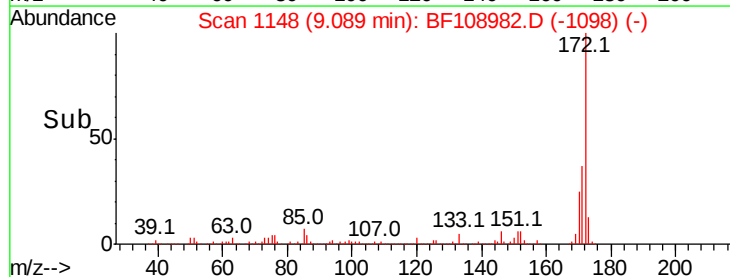
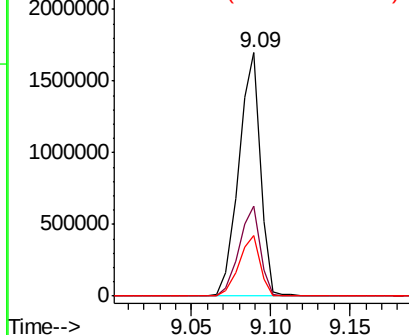


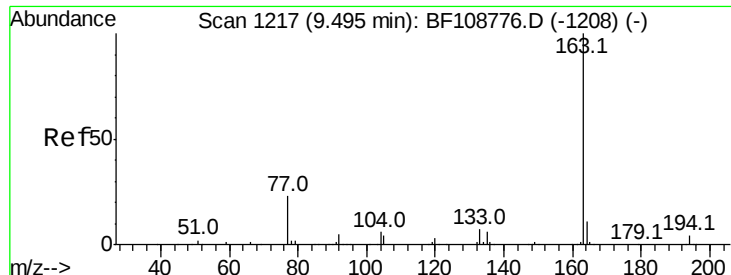
#44
 2-Fluorobiphenyl
 Concen: 107.725 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108982.D
 Acq: 13 Sep 2018 23:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.9	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

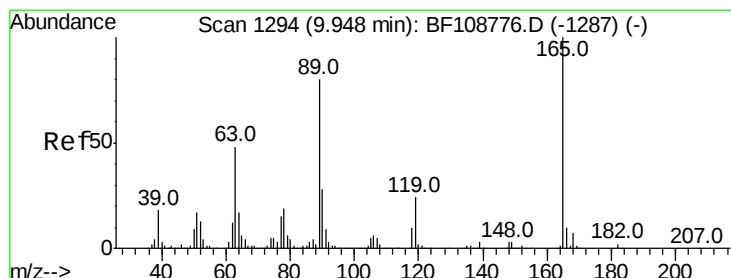
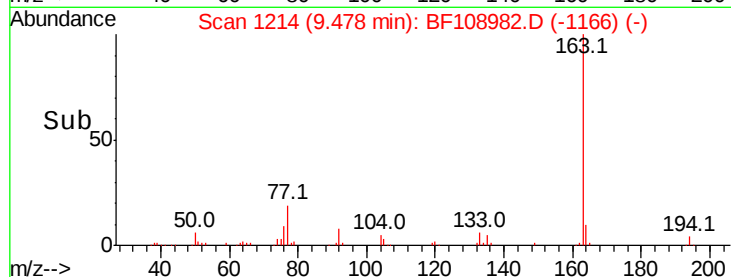
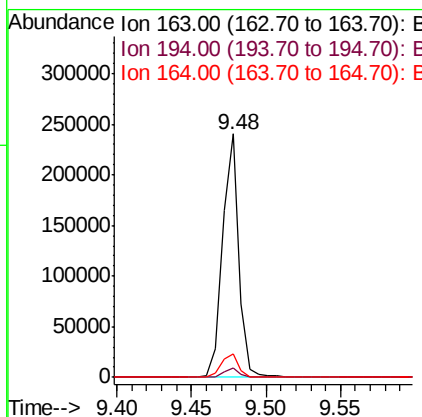
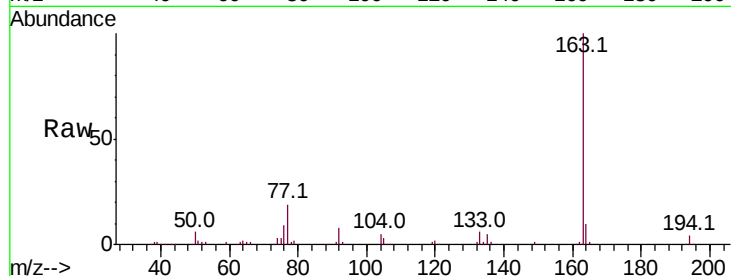




#49
 Dimethylphthalate
 Concen: 10.436 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF108982.D
 Acq: 13 Sep 2018 23:19

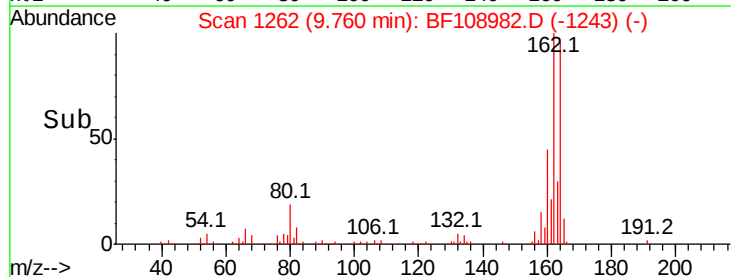
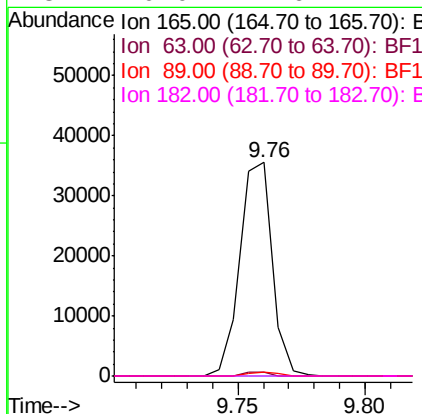
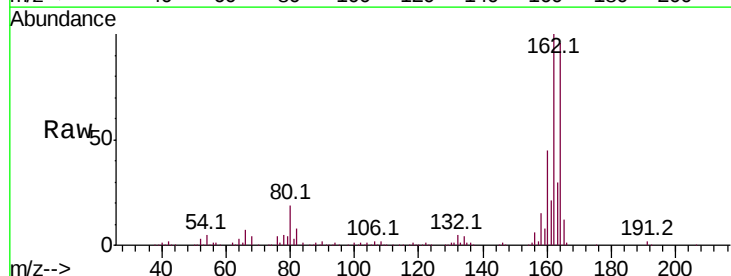
Instrument :
 BNA_F
 ClientSampleId :

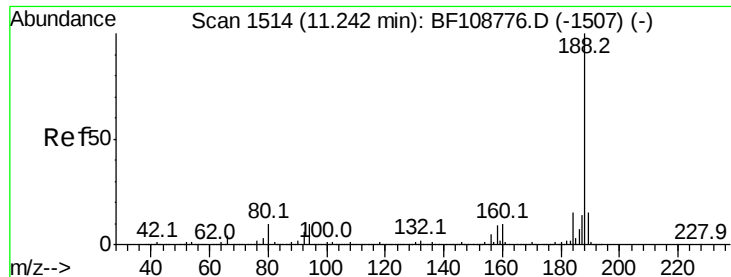
Tot Ion:	163	Resp:	184951
Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.8	8.2	12.2



#56
 2,4-Dinitrotoluene
 Concen: 7.297 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.19 min
 Lab File: BF108982.D
 Acq: 13 Sep 2018 23:19

Tgt Ion:	165	Resp:	31516
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

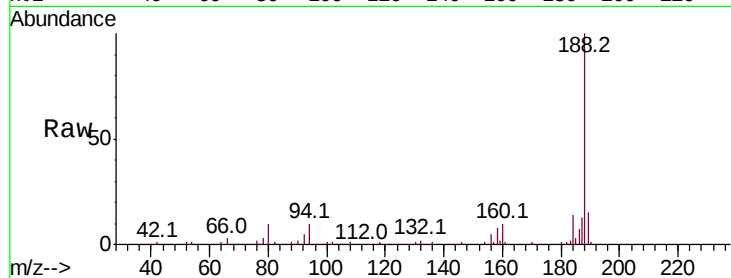




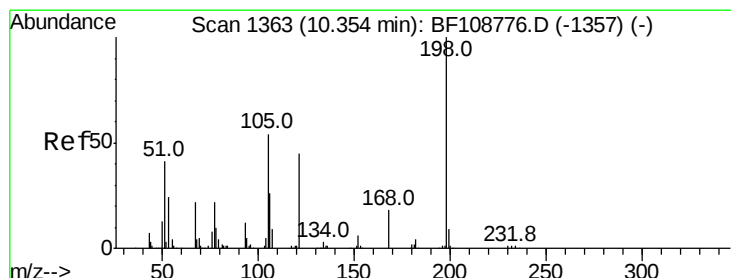
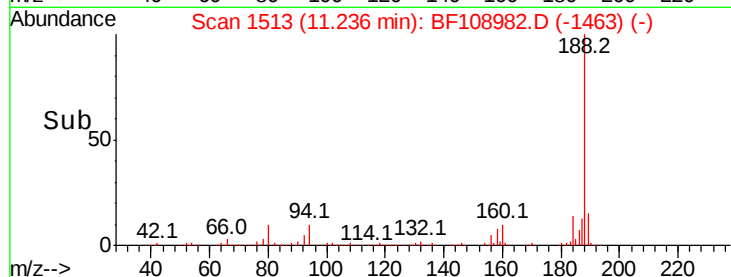
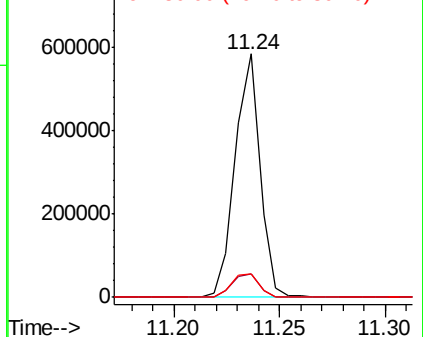
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 477910
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.6 9.2 13.8

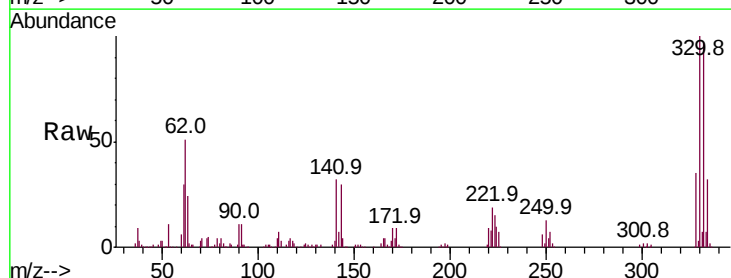


Abundance Ion 188.00 (187.70 to 188.70): E
800000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

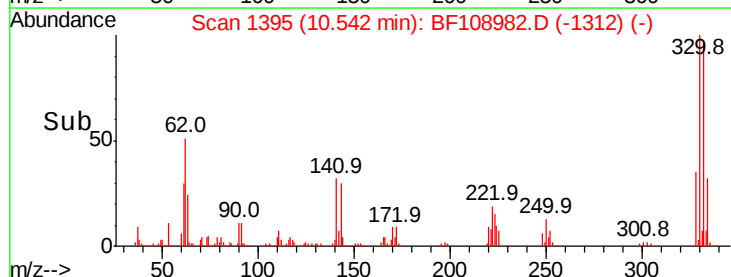
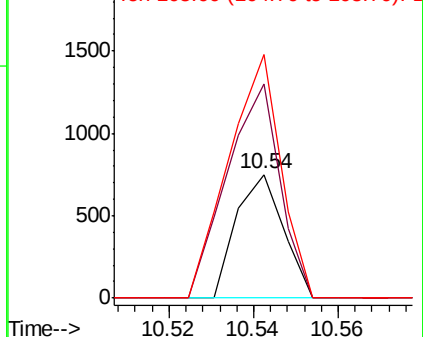


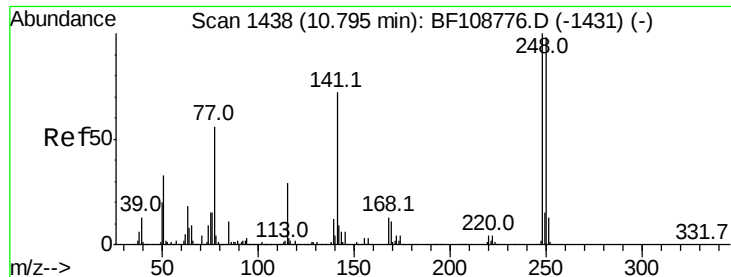
#64
4,6-Dinitro-2-methylphenol
Concen: 7.133 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.19 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

Tgt Ion:198 Resp: 580
Ion Ratio Lower Upper
198 100
51 173.1 37.7 77.7#
105 197.1 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
2000
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

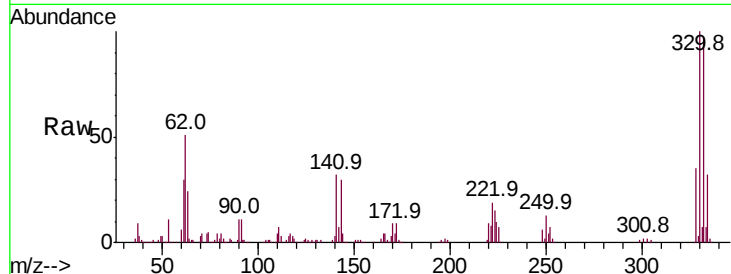




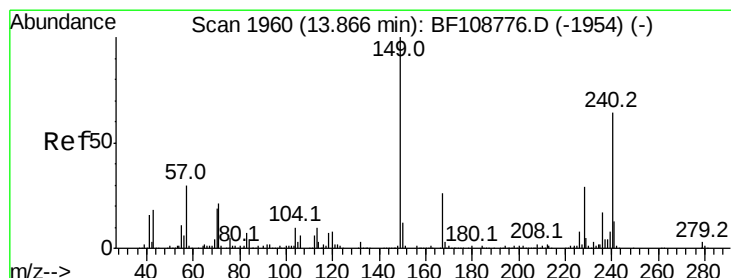
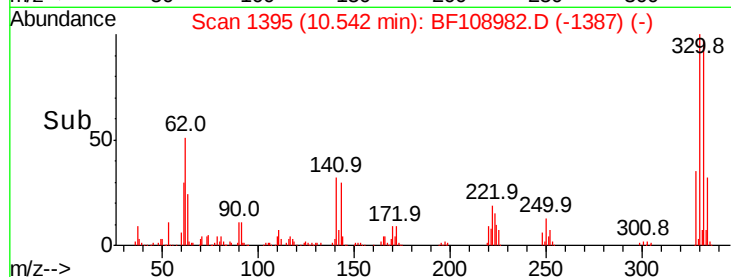
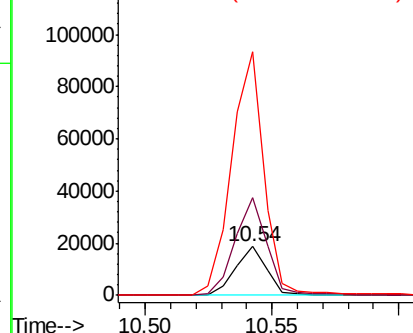
#66
 4-Bromophenyl-phenylether
 Concen: 2.939 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.25 min
 Lab File: BF108982.D
 Acq: 13 Sep 2018 23:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 15865
 Ion Ratio Lower Upper
 248 100
 250 202.2 76.9 115.3#
 141 500.9 74.4 111.6#

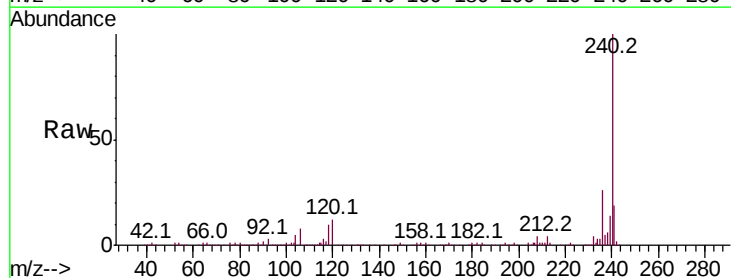


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

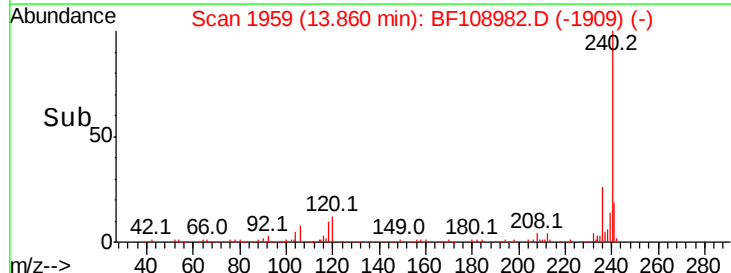
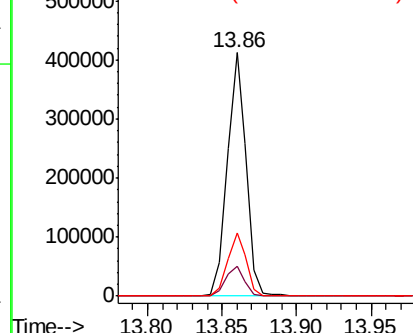


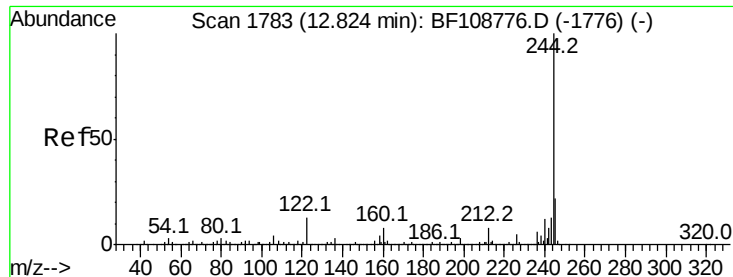
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BF108982.D
 Acq: 13 Sep 2018 23:19

Tgt Ion:240 Resp: 366799
 Ion Ratio Lower Upper
 240 100
 120 12.2 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

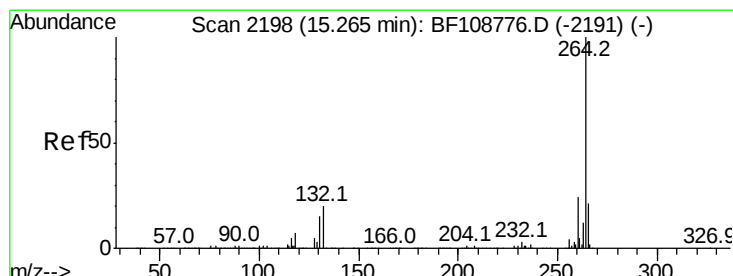
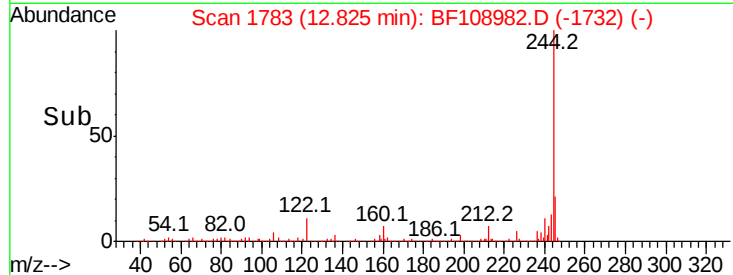
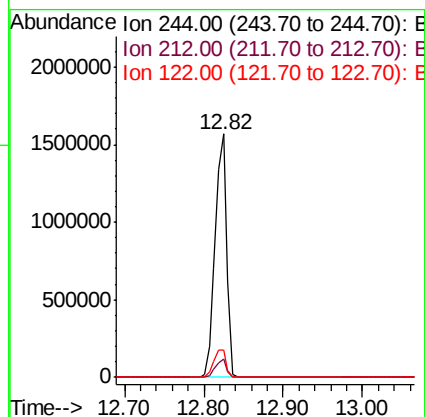
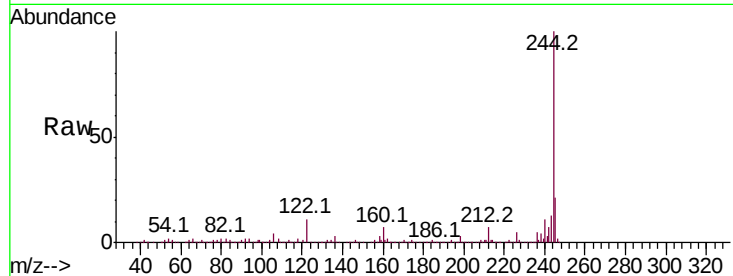




#78
 Terphenyl-d14
 Concen: 100.833 ng
 RT: 12.82 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF108982.D
 Acq: 13 Sep 2018 23:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1586065
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 11.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108982.D
 Acq: 13 Sep 2018 23:19

Tgt Ion:264 Resp: 384943
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 20.9 17.5 26.3

