

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108805.D
 Acq On : 6 Sep 2018 5:21
 Operator : JU/SJ
 Sample : J4782-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 08:21:15 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

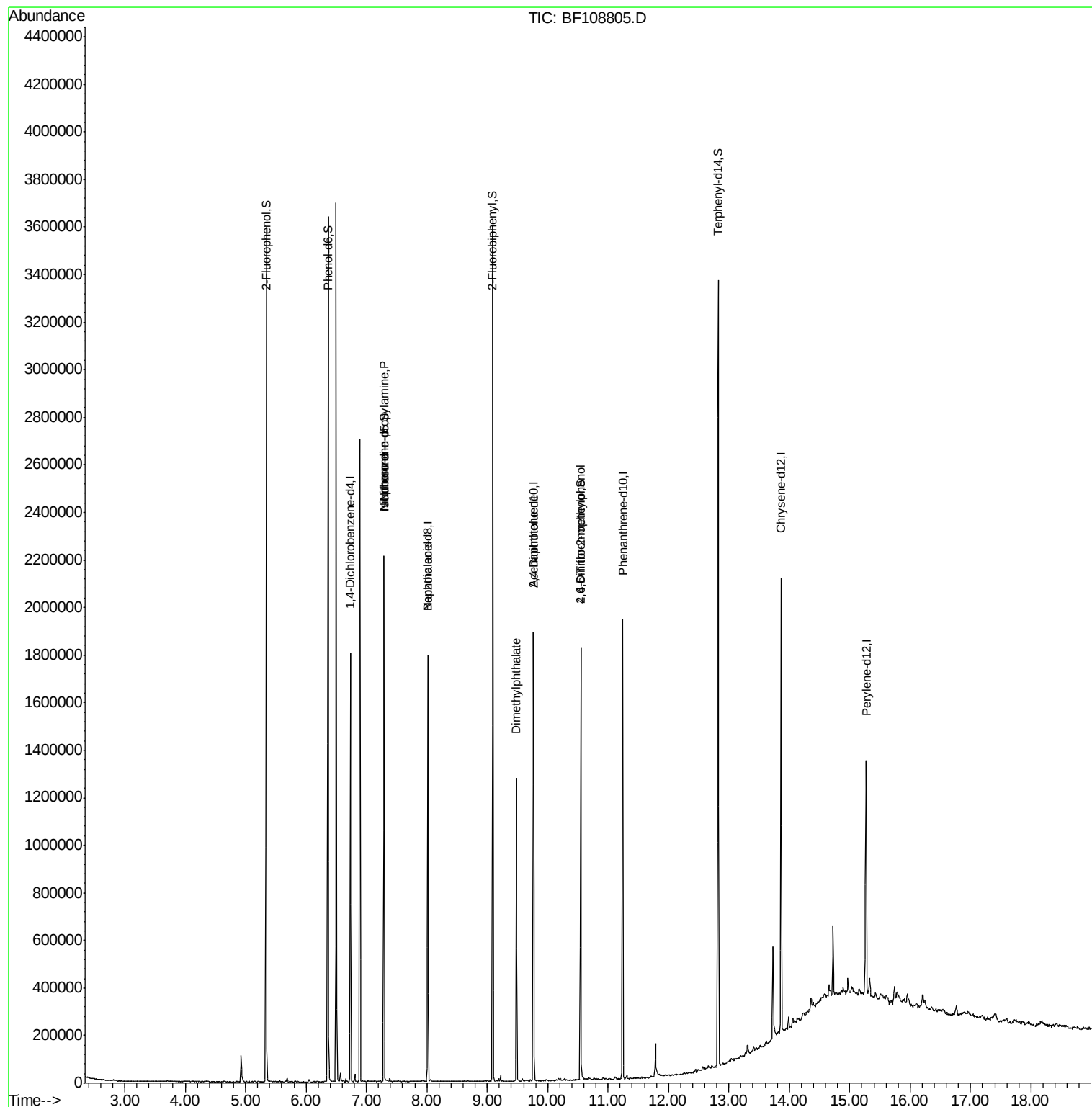
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	236209	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	800266	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	322604	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	623640	20.00	ng	0.00
75) Chrysene-d12	13.87	240	579579	20.00	ng	0.00
86) Perylene-d12	15.27	264	445228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	962330	67.49	ng	0.00
7) Phenol-d6	6.37	99	1181746	64.42	ng	0.00
23) Nitrobenzene-d5	7.29	82	664157	51.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	220804	71.70	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1044792	55.25	ng	0.00
78) Terphenyl-d14	12.82	244	1065605	42.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	88463	6.937	ng	# 79
25) Isophorone	7.29	82	661534	25.935	ng	# 64
32) Benzoic acid	8.02	122	145	4.038	ng	# 1
49) Dimethylphthalate	9.48	163	417966	18.524	ng	100
56) 2,4-Dinitrotoluene	9.77	165	41527	7.552	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	319	6.980	ng	# 1

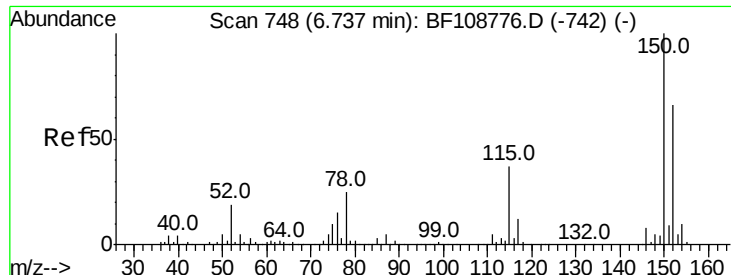
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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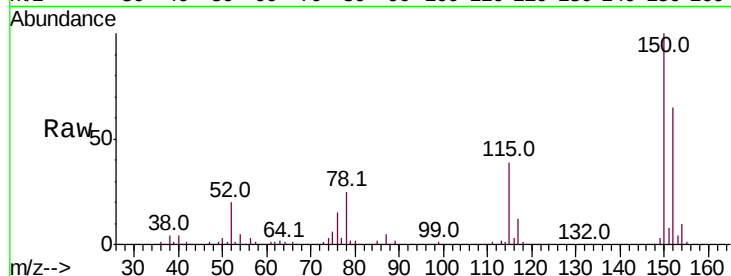


#1

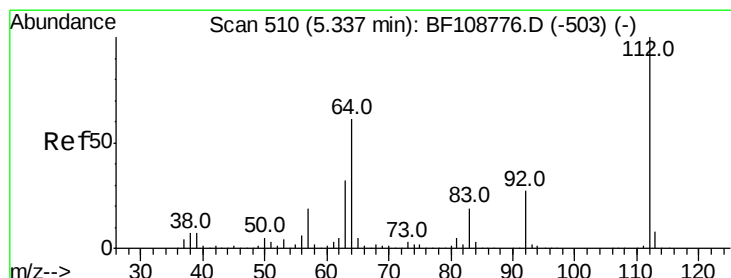
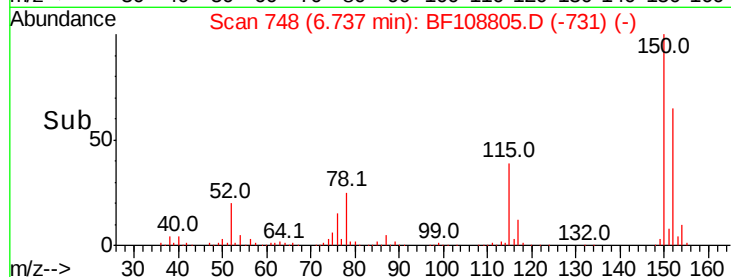
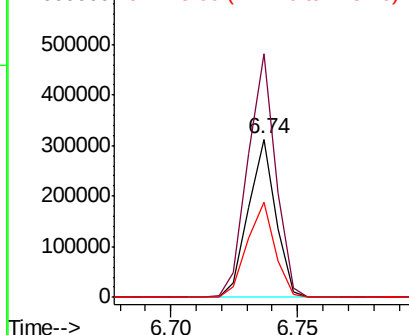
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108805.D
Acq: 6 Sep 2018 5:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 236209
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 60.0 50.1 75.1



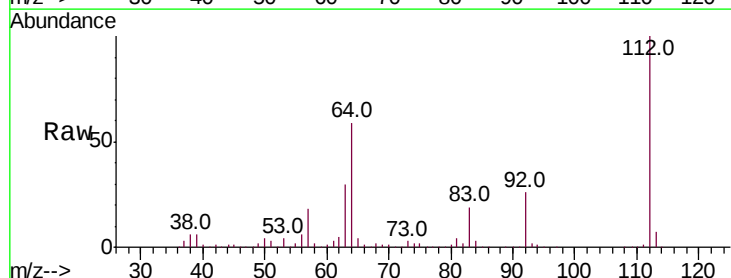
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



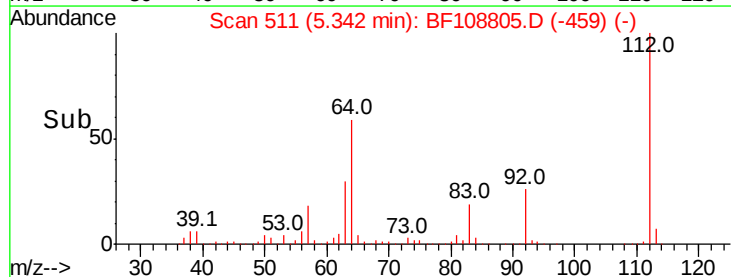
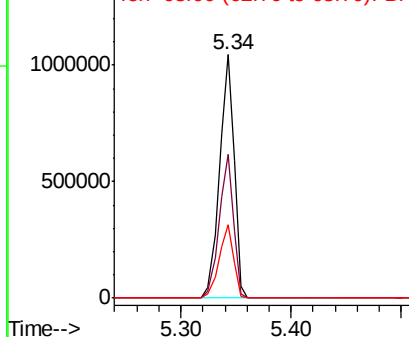
#5

2-Fluorophenol
Concen: 67.494 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108805.D
Acq: 6 Sep 2018 5:21

Tgt Ion:112 Resp: 962330
Ion Ratio Lower Upper
112 100
64 58.9 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: 64.417 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108805.D

Acq: 6 Sep 2018 5:21

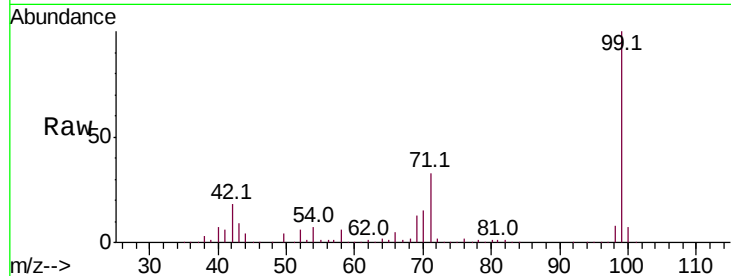
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1181746

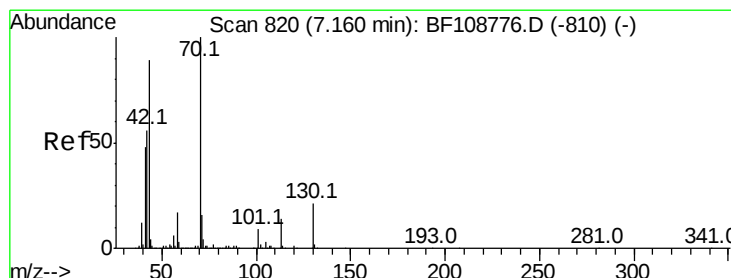
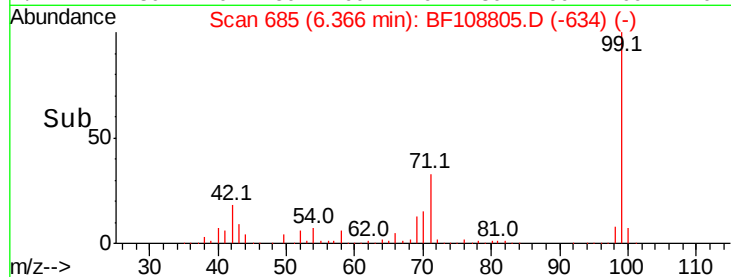
Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.5	21.7
71	32.8	25.4	38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.937 ng

RT: 7.29 min Scan# 842

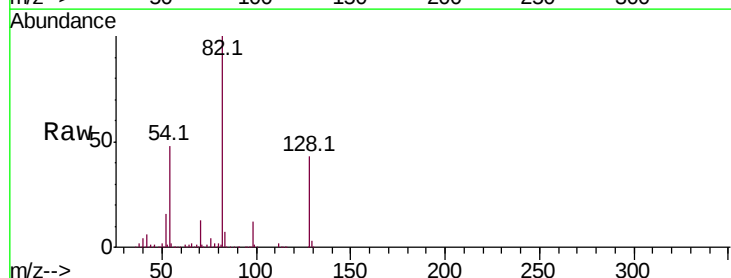
Delta R.T. 0.13 min

Lab File: BF108805.D

Acq: 6 Sep 2018 5:21

Tgt Ion: 70 Resp: 88463

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#

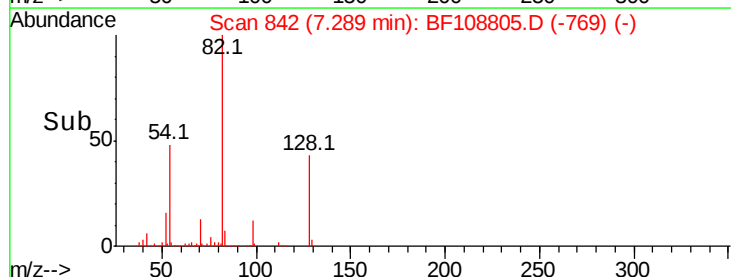


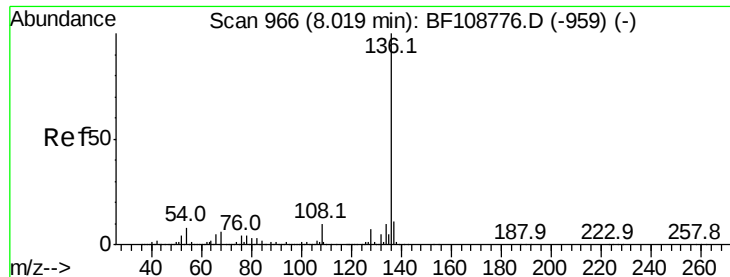
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF108805.D

Acq: 6 Sep 2018 5:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 800266

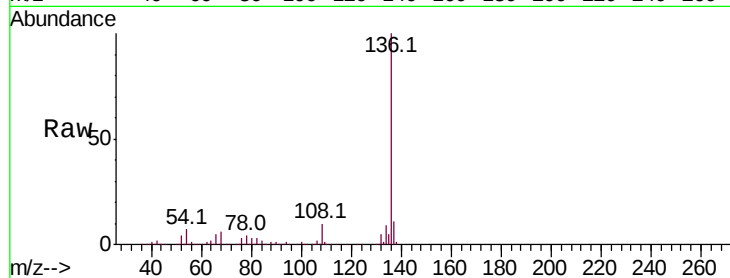
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 6.0 5.0 7.4

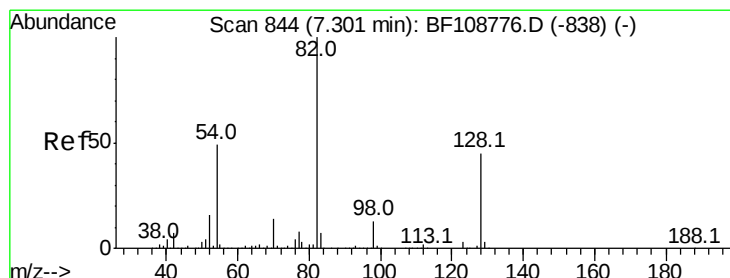
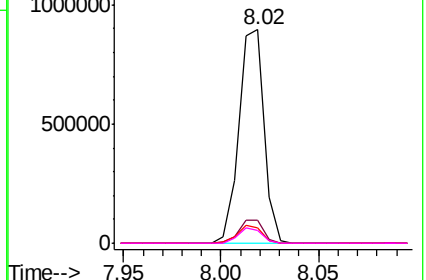
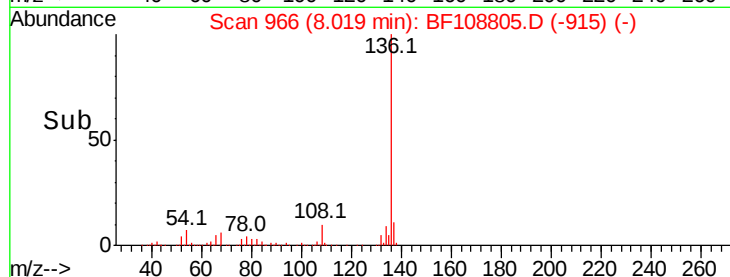


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.937 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF108805.D

Acq: 6 Sep 2018 5:21

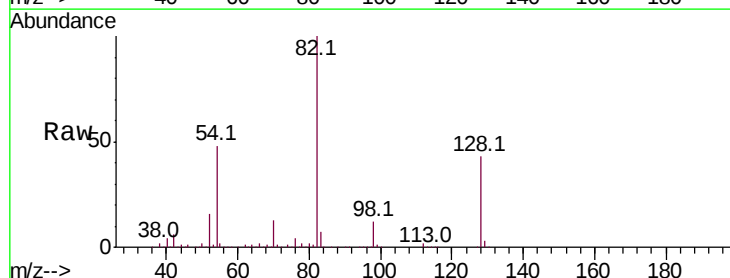
Tgt Ion: 82 Resp: 664157

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

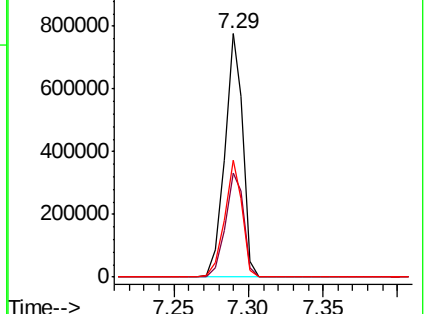
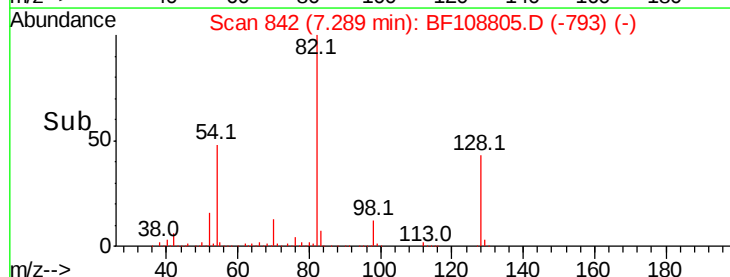
54 48.0 41.4 62.2

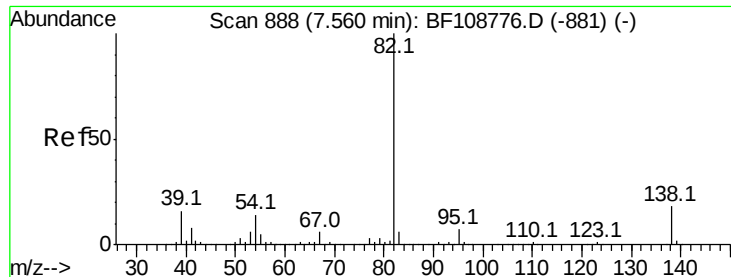


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 25.935 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108805.D

Acq: 6 Sep 2018 5:21

Instrument :

BNA_F

ClientSampleId :

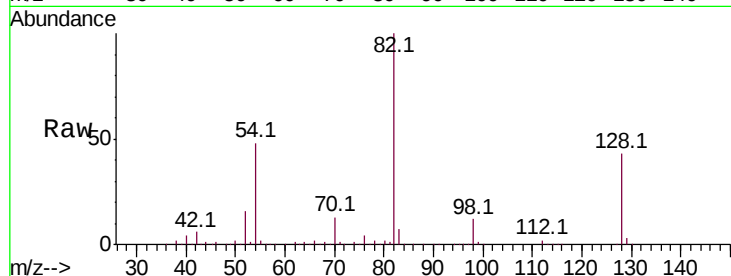
Tot Ion: 82 Resp: 661534

Ion Ratio Lower Upper

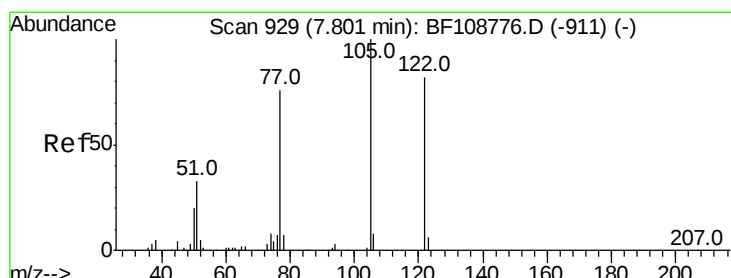
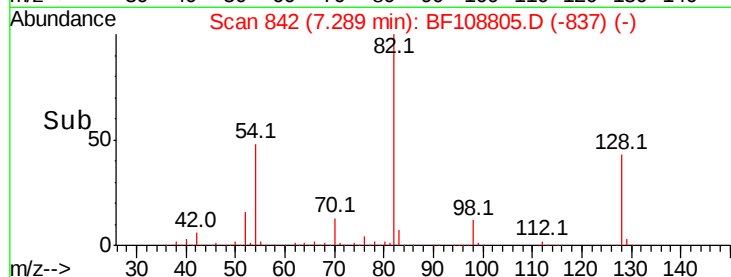
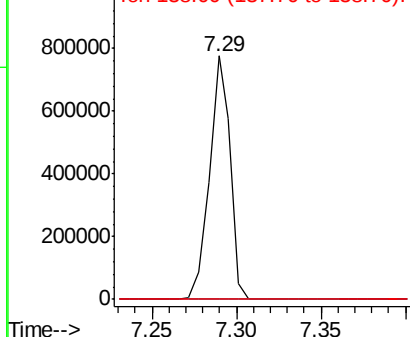
82 100

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: 4.038 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.22 min

Lab File: BF108805.D

Acq: 6 Sep 2018 5:21

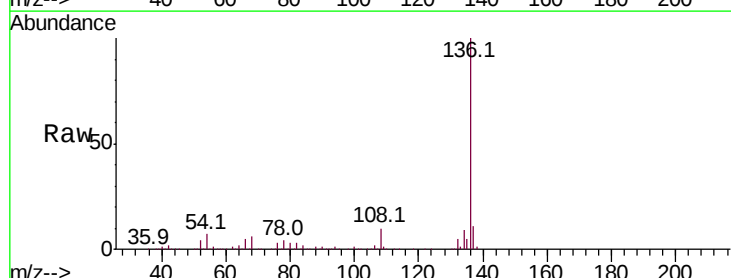
Tgt Ion: 122 Resp: 145

Ion Ratio Lower Upper

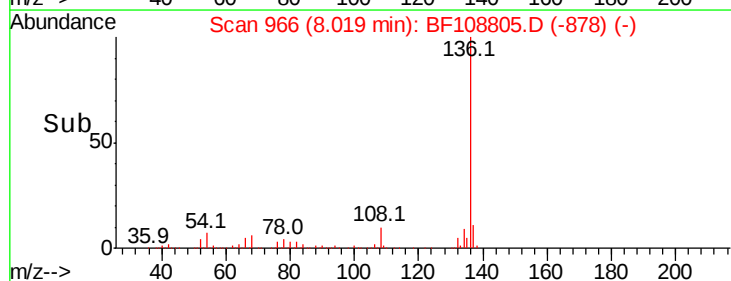
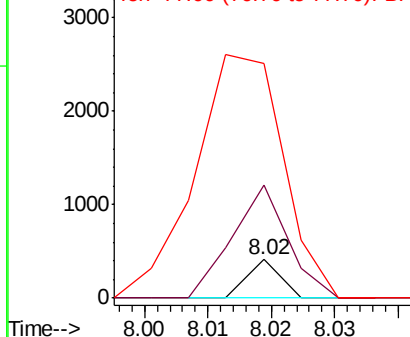
122 100

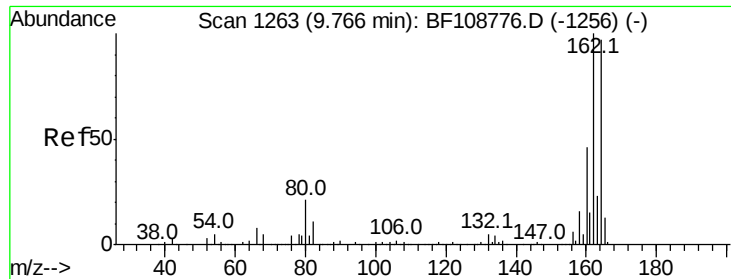
105 294.2 101.1 141.1#

77 612.4 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

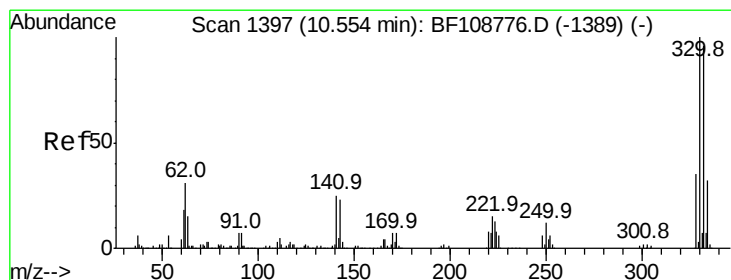
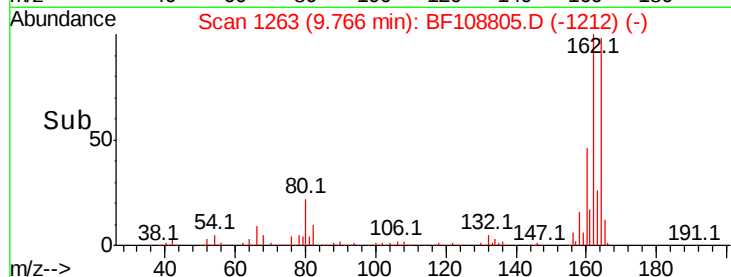
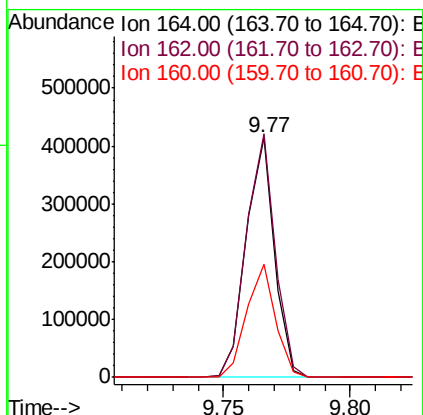
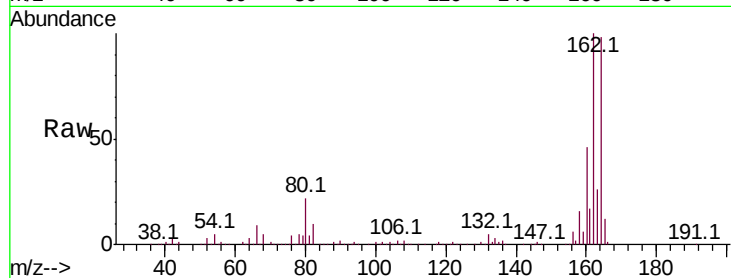




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108805.D
 Acq: 6 Sep 2018 5:21

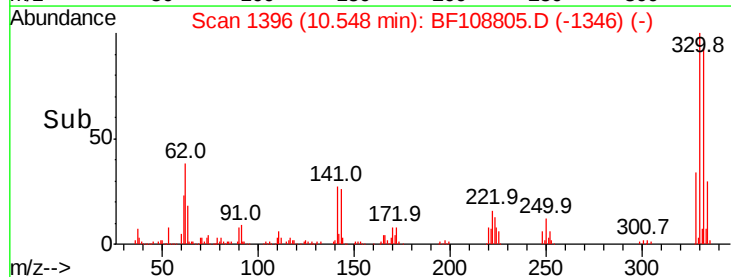
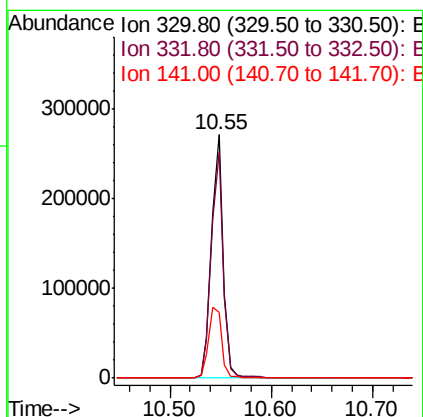
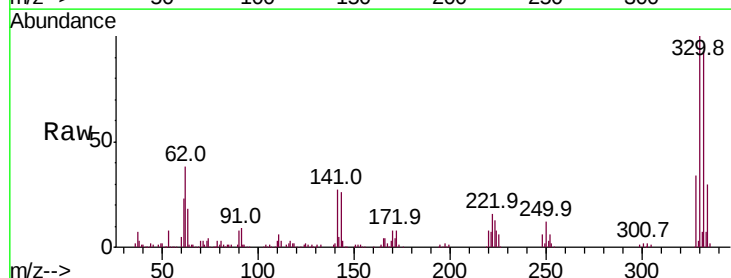
Instrument :
 BNA_F
 ClientSampled :

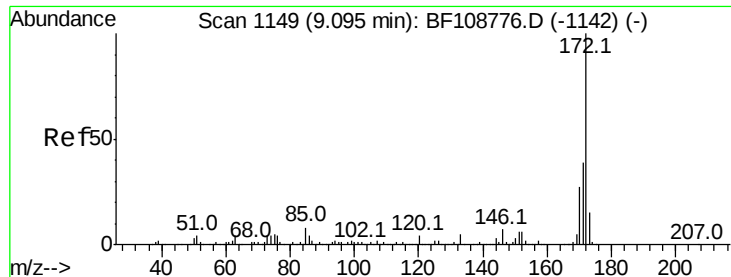
Tot Ion:164 Resp: 322604
 Ion Ratio Lower Upper
 164 100
 162 101.6 86.1 129.1
 160 47.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 71.696 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108805.D
 Acq: 6 Sep 2018 5:21

Tgt Ion:330 Resp: 220804
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 32.3 29.9 44.9

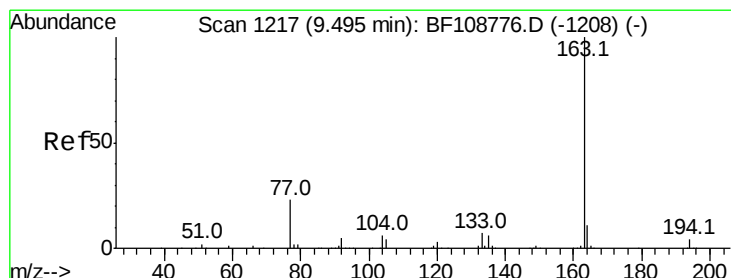
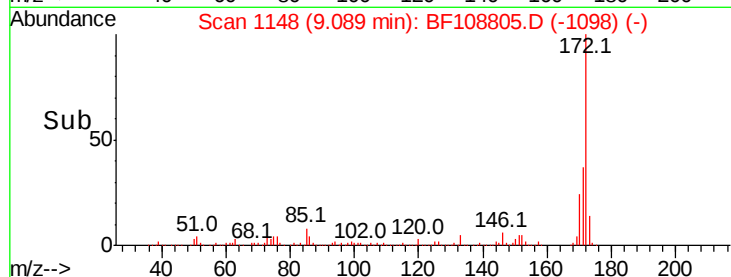
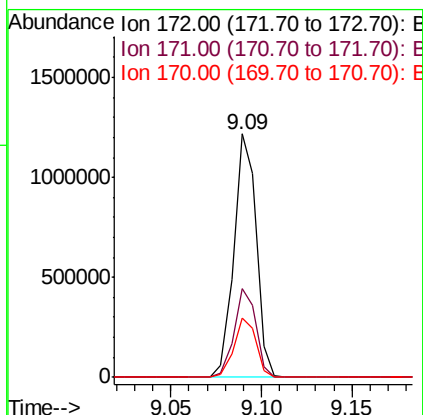
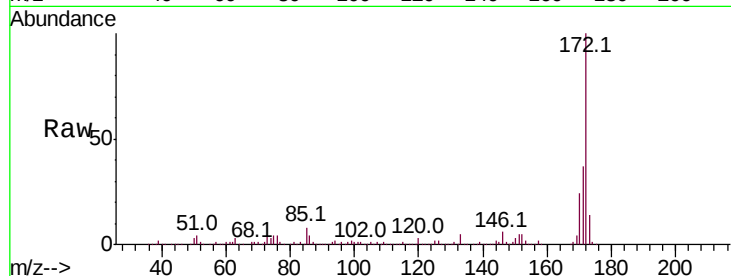




#44
2-Fluorobiphenyl
Concen: 55.250 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108805.D
Acq: 6 Sep 2018 5:21

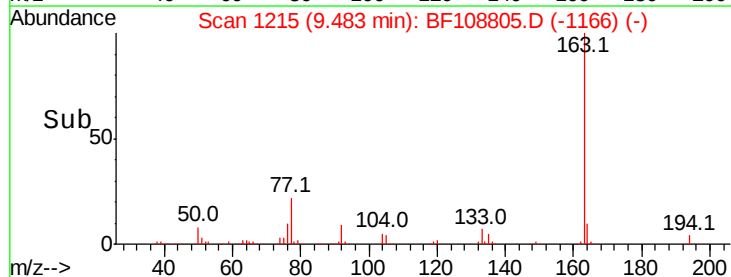
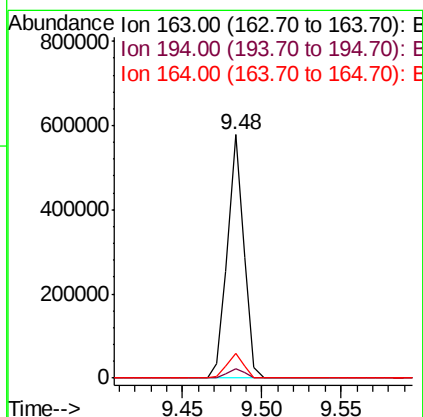
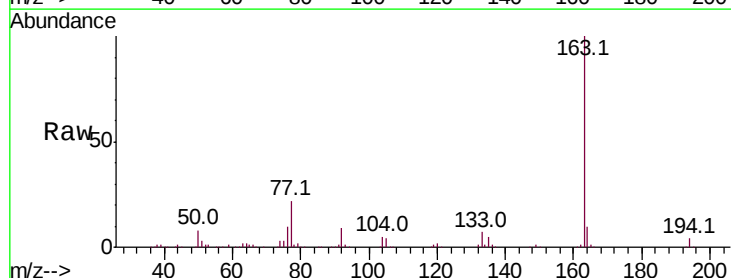
Instrument :
BNA_F
ClientSampleId :

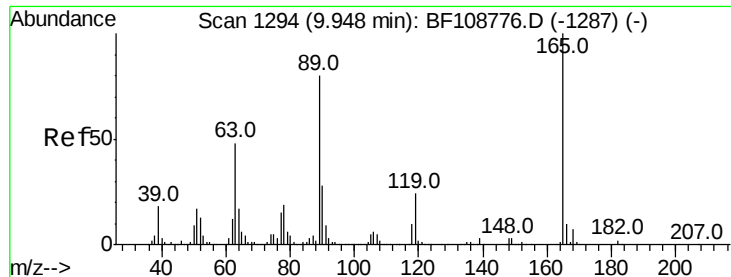
Tot Ion:172 Resp: 1044792
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.3 19.6 29.4



#49
Dimethylphthalate
Concen: 18.524 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108805.D
Acq: 6 Sep 2018 5:21

Tgt Ion:163 Resp: 417966
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.2 8.2 12.2

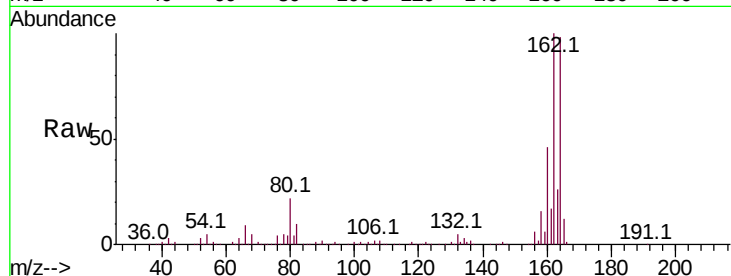




#56
 2,4-Dinitrotoluene
 Concen: 7.552 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108805.D
 Acq: 6 Sep 2018 5:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



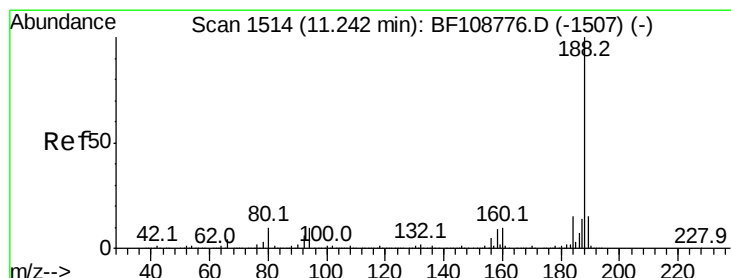
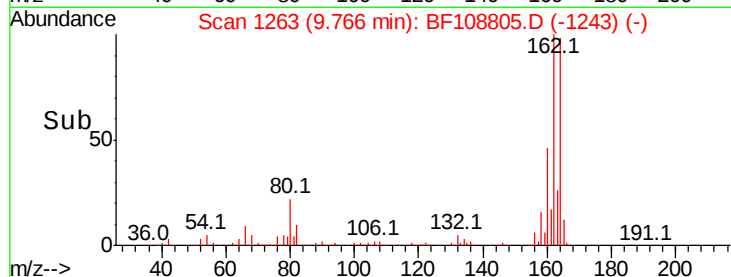
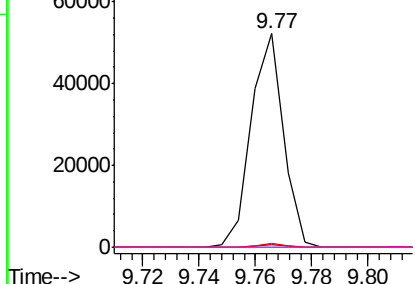
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

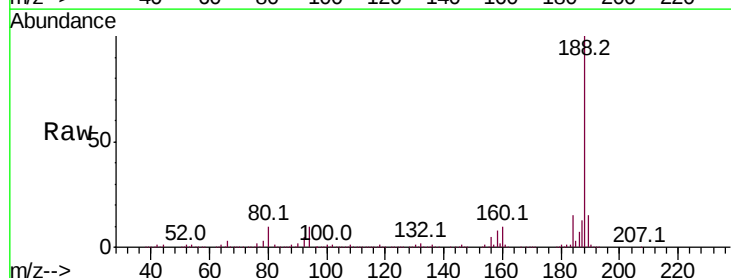
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108805.D
 Acq: 6 Sep 2018 5:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.2	9.2	13.8

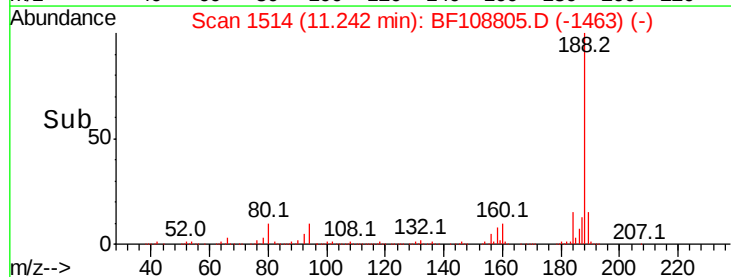
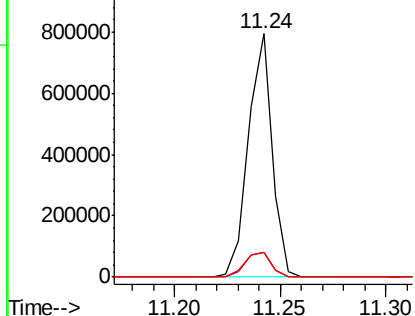


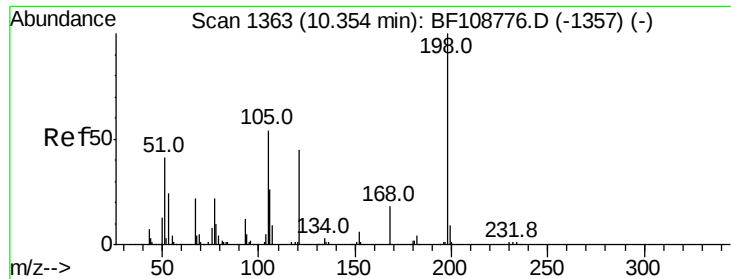
Abundance

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





#64

4,6-Dinitro-2-methylphenol

Concen: 6.980 ng

RT: 10.54 min Scan# 1395

Delta R.T. 0.19 min

Lab File: BF108805.D

Acq: 6 Sep 2018 5:21

Instrument :

BNA_F

ClientSampleId :

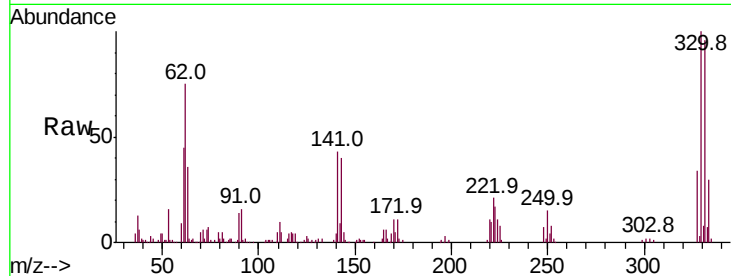
Tot Ion:198 Resp: 319

Ion Ratio Lower Upper

198 100

51 207.7 37.7 77.7#

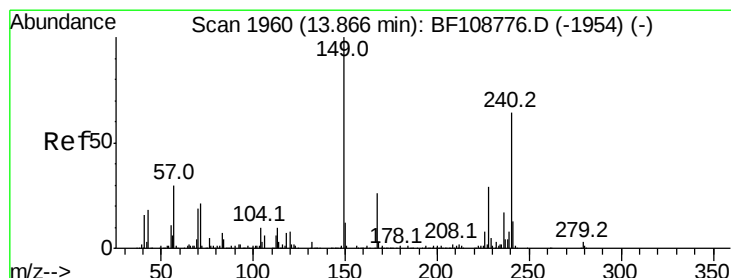
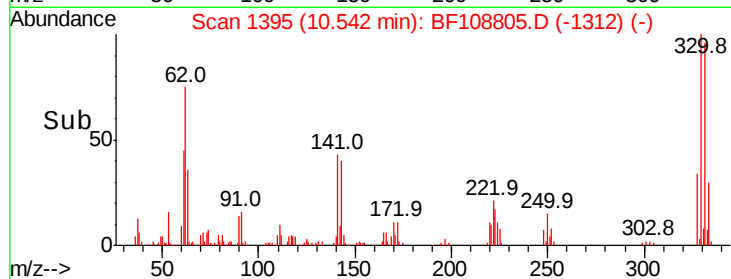
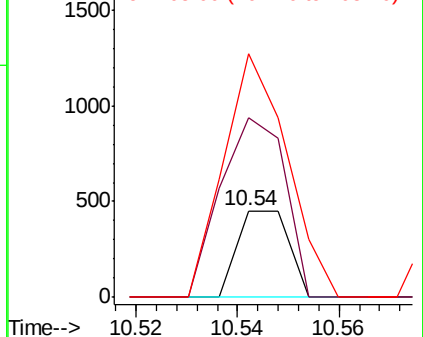
105 281.2 36.3 76.3#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108805.D

Acq: 6 Sep 2018 5:21

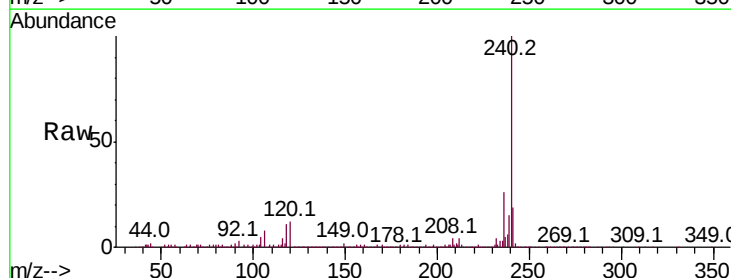
Tgt Ion:240 Resp: 579579

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

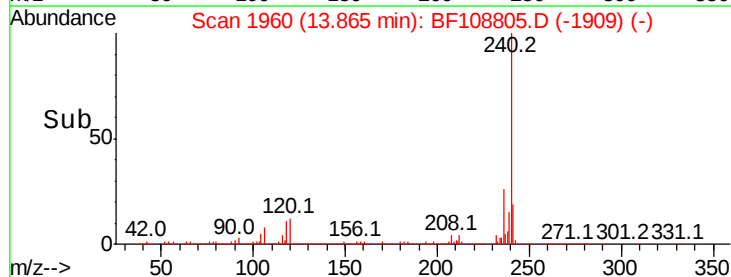
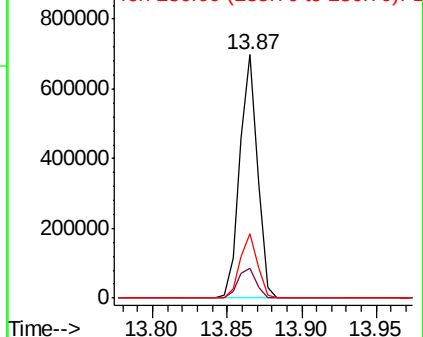
236 26.2 20.7 31.1

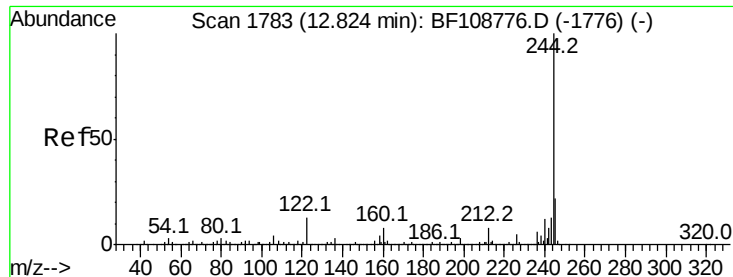


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

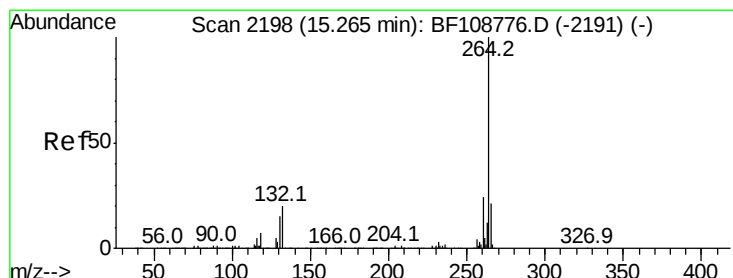
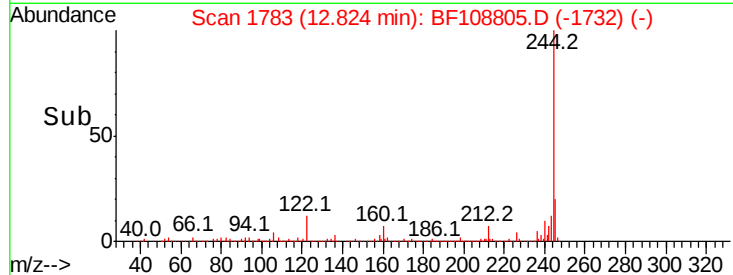
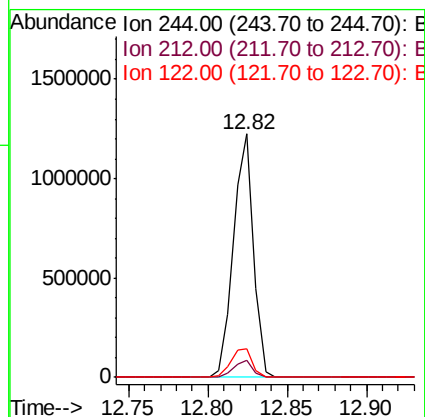
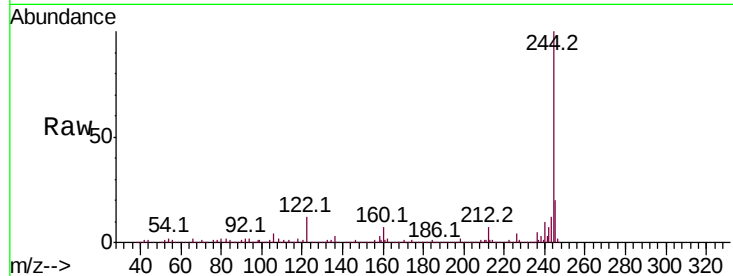




#78
 Terphenyl-d14
 Concen: 42.874 ng
 RT: 12.82 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF108805.D
 Acq: 6 Sep 2018 5:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1065605
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.7 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: BF108805.D
 Acq: 6 Sep 2018 5:21

Tgt Ion:264 Resp: 445228
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.7 17.5 26.3

