

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 Data File : BF108829.D
 Acq On : 6 Sep 2018 17:58
 Operator : JU/SJ
 Sample : J4803-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 18:30:15 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

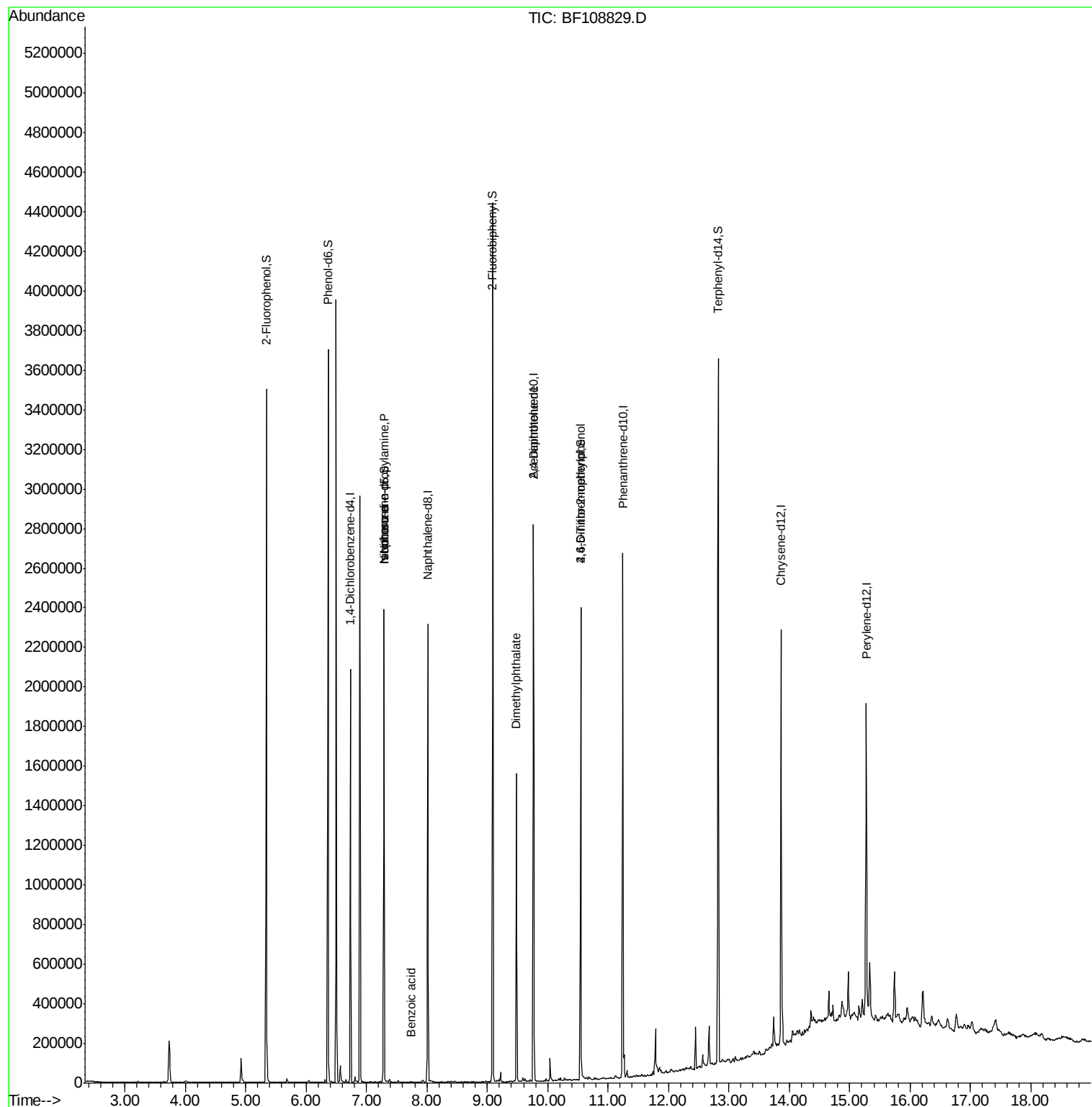
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	274456	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1056262	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	499492	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	842249	20.00	ng	0.00
75) Chrysene-d12	13.87	240	628396	20.00	ng	0.00
86) Perylene-d12	15.28	264	726679	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	950386	57.37	ng	0.00
7) Phenol-d6	6.37	99	1219374	57.21	ng	0.00
23) Nitrobenzene-d5	7.29	82	761506	45.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	280504	58.83	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1398882	47.78	ng	0.00
78) Terphenyl-d14	12.82	244	1085916	40.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	101026	6.818	ng	# 78
25) Isophorone	7.29	82	755003	22.426	ng	# 64
32) Benzoic acid	7.74	122	109	4.029	ng	# 1
49) Dimethylphthalate	9.48	163	548477	15.699	ng	100
56) 2,4-Dinitrotoluene	9.77	165	64327	7.556	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	487	6.994	ng	# 1

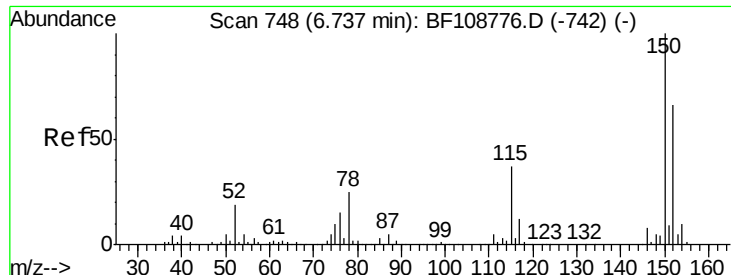
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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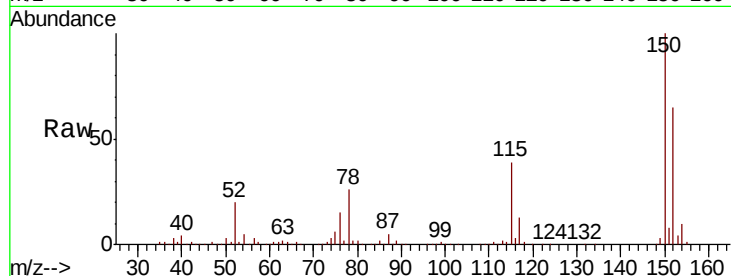


#1

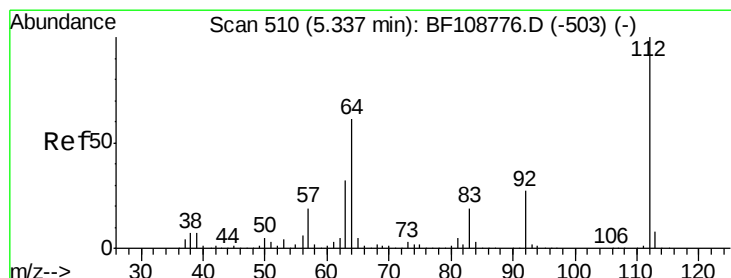
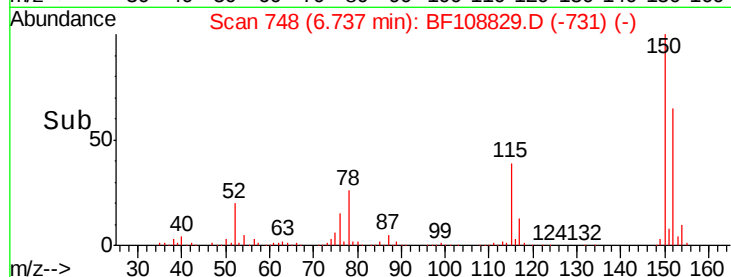
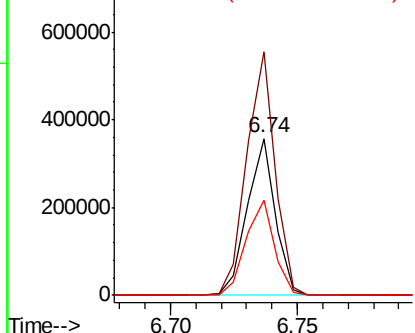
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108829.D
Acq: 6 Sep 2018 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	60.5	50.1	75.1



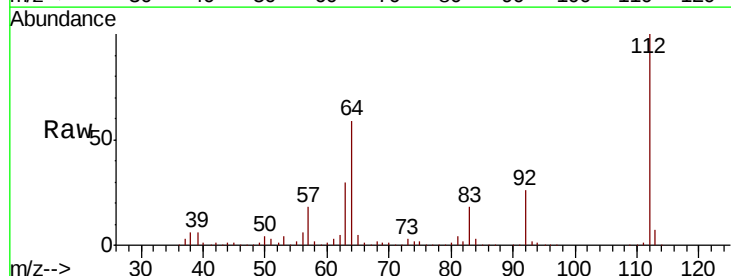
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



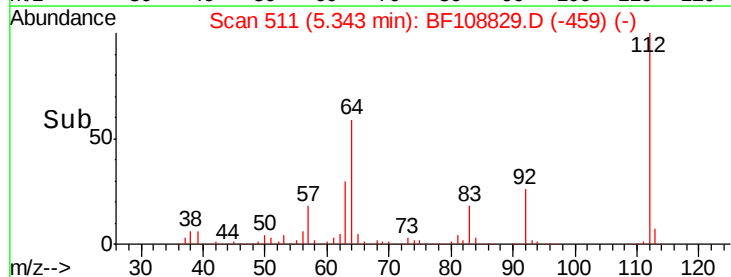
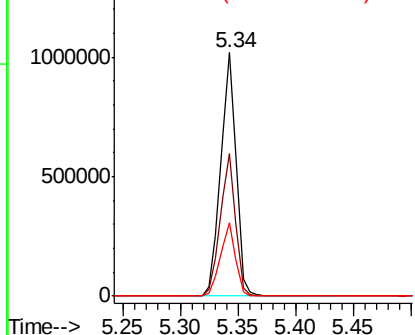
#5

2-Fluorophenol
Concen: 57.367 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108829.D
Acq: 6 Sep 2018 17:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	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: 57.205 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108829.D

Acq: 6 Sep 2018 17:58

Instrument :

BNA_F

ClientSampled :

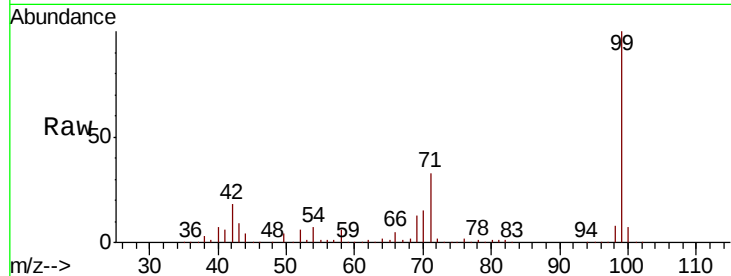
Tot Ion: 99 Resp: 1219374

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

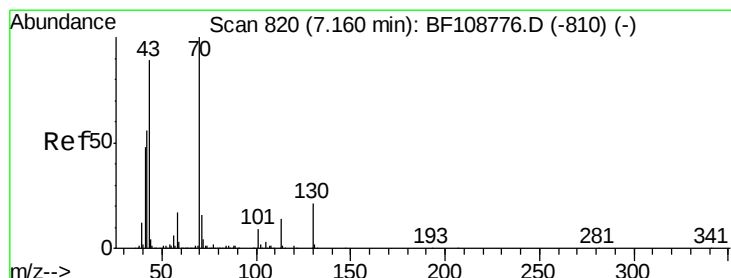
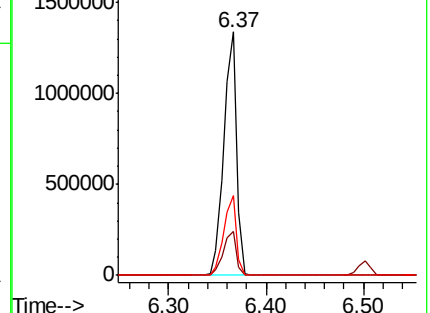
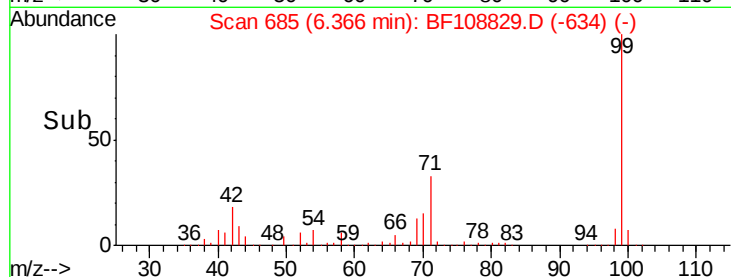
71 33.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.818 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.13 min

Lab File: BF108829.D

Acq: 6 Sep 2018 17:58

Tgt Ion: 70 Resp: 101026

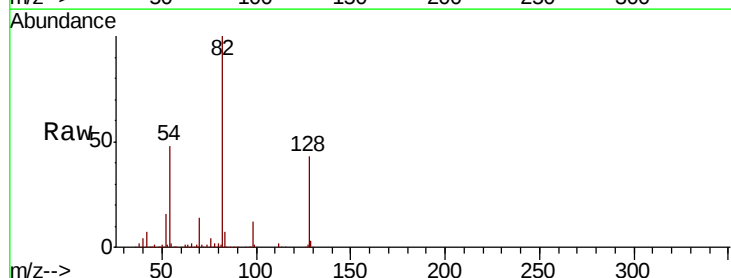
Ion Ratio Lower Upper

70 100

42 48.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

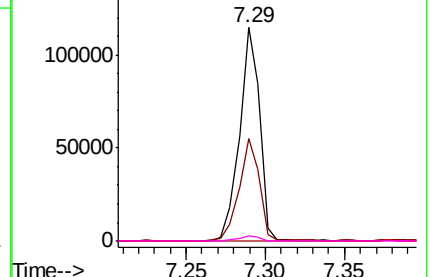
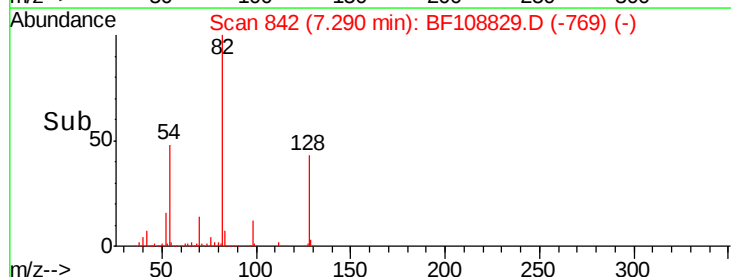


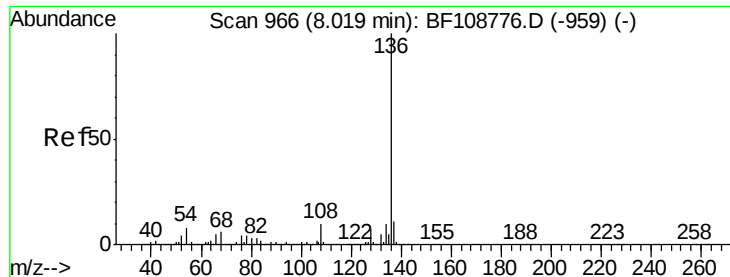
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF108829.D

Acq: 6 Sep 2018 17:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1056262

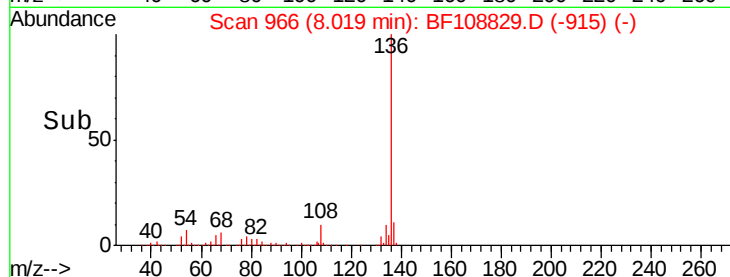
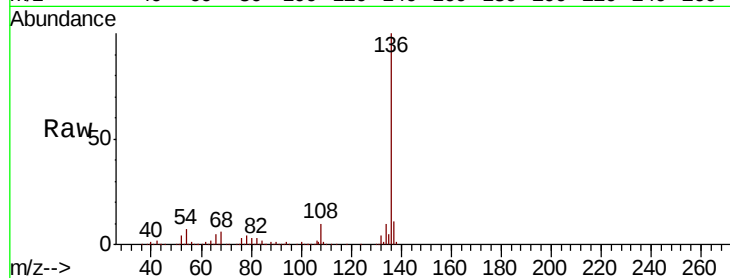
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.2 6.6 9.8

68 6.4 5.0 7.4

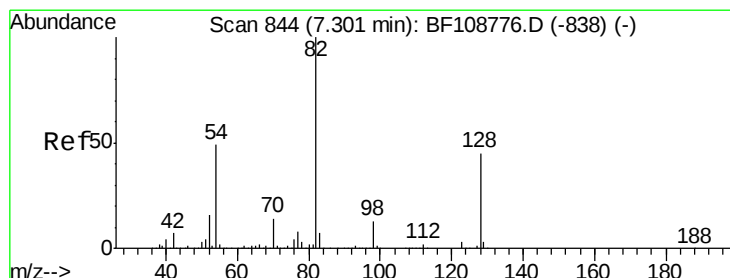
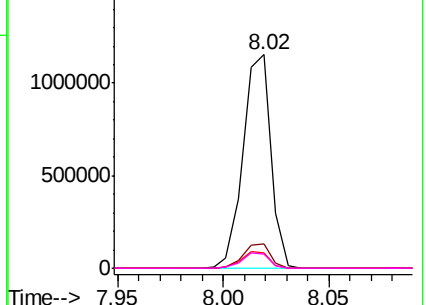


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.117 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF108829.D

Acq: 6 Sep 2018 17:58

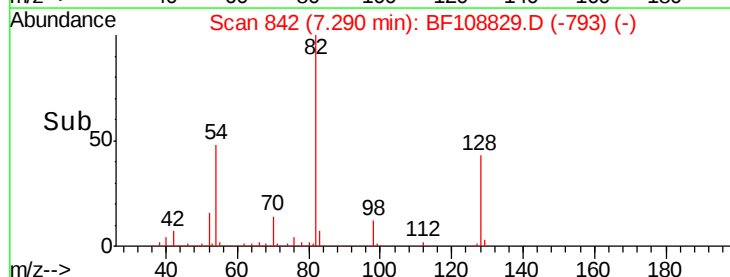
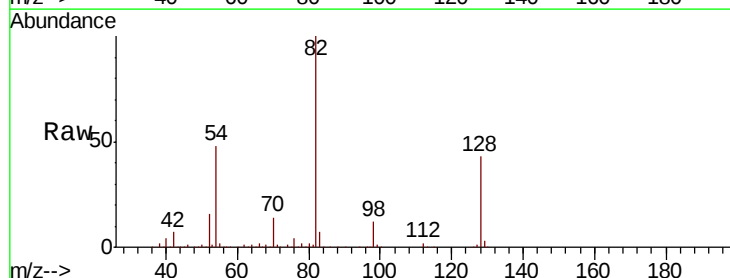
Tgt Ion: 82 Resp: 761506

Ion Ratio Lower Upper

82 100

128 43.4 36.1 54.1

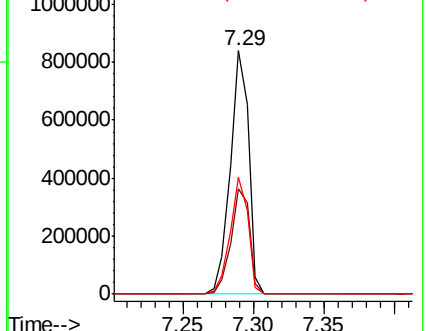
54 48.1 41.4 62.2



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

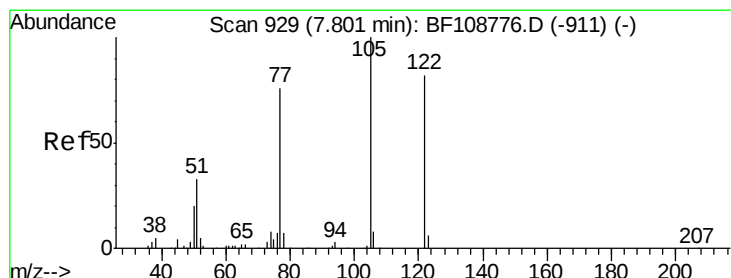
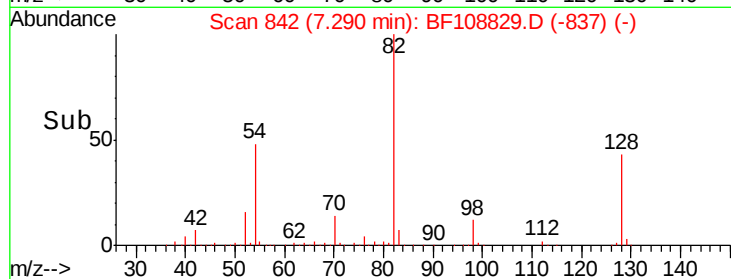
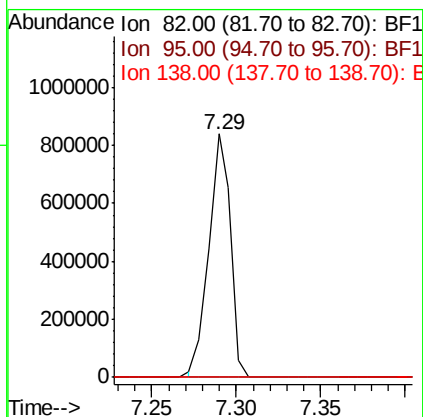
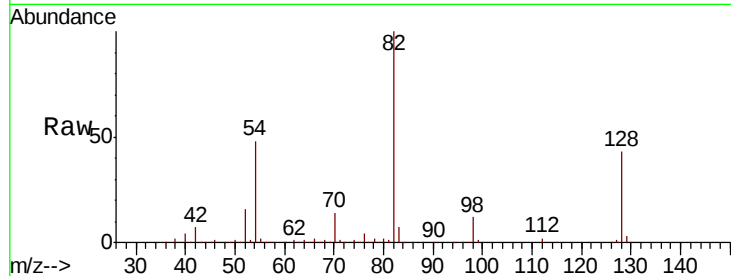




#25
Isophorone
Concen: 22.426 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.27 min
Lab File: BF108829.D
Acq: 6 Sep 2018 17:58

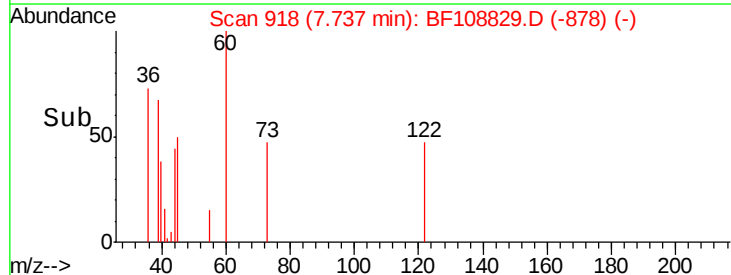
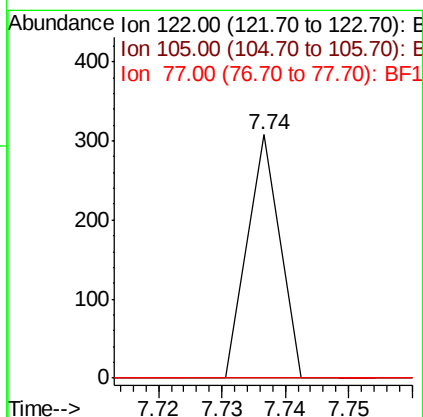
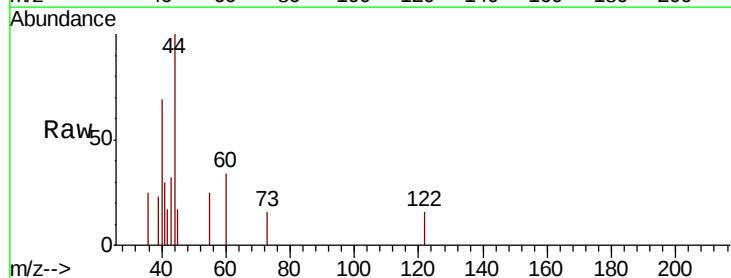
Instrument :
BNA_F
ClientSampleId :

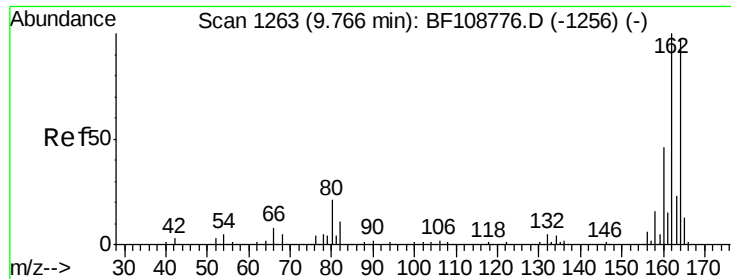
Tot Ion: 82 Resp: 755003
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#32
Benzoic acid
Concen: 4.029 ng
RT: 7.74 min Scan# 918
Delta R.T. -0.06 min
Lab File: BF108829.D
Acq: 6 Sep 2018 17:58

Tgt Ion: 122 Resp: 109
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 0.0 70.7 110.7#

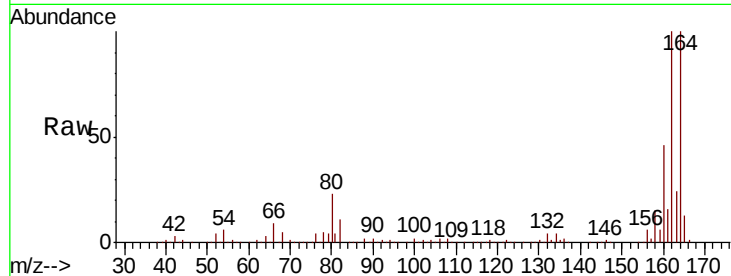




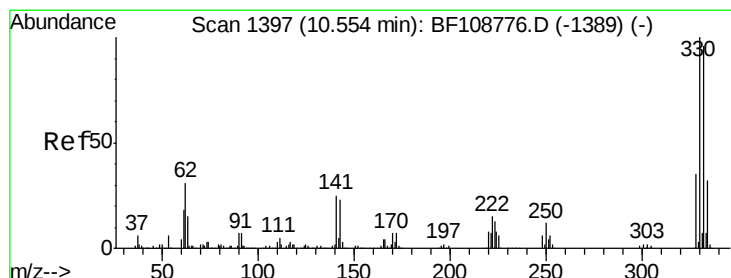
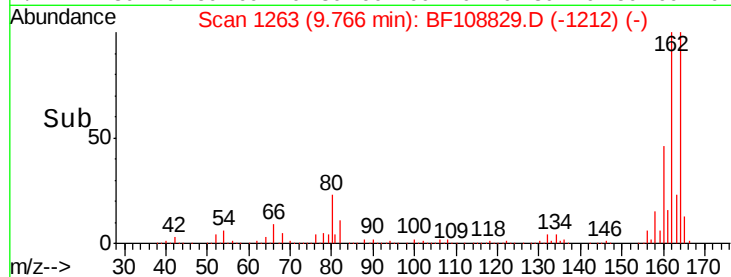
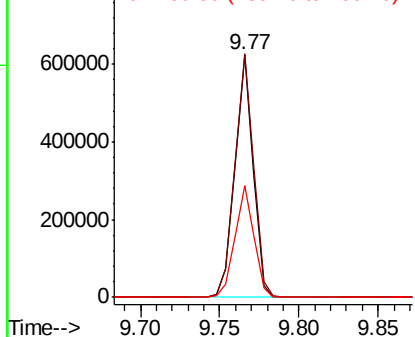
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108829.D
 Acq: 6 Sep 2018 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 499492
 Ion Ratio Lower Upper
 164 100
 162 100.2 86.1 129.1
 160 46.0 38.3 57.5

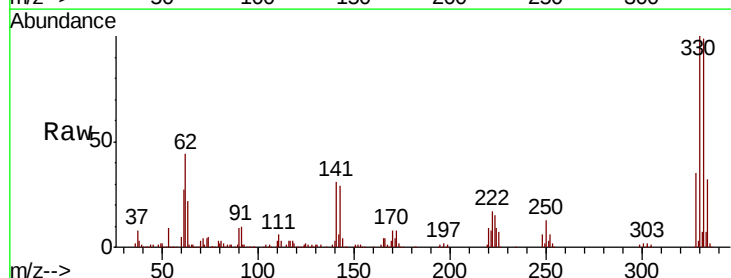


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

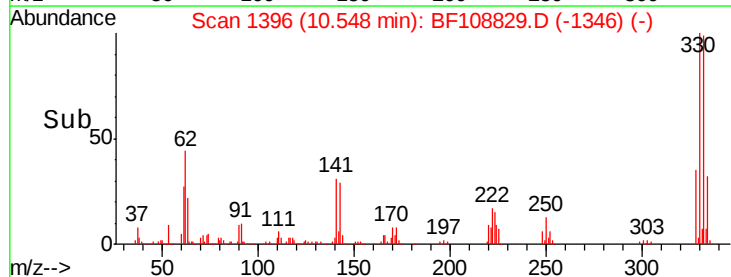
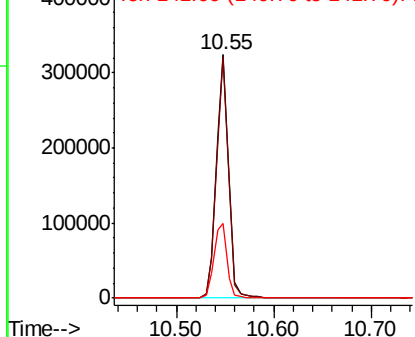


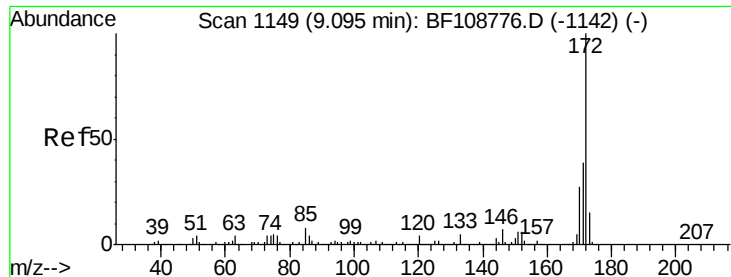
#41
 2,4,6-Tribromophenol
 Concen: 58.826 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108829.D
 Acq: 6 Sep 2018 17:58

Tgt Ion:330 Resp: 280504
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 33.3 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: 47.778 ng

RT: 9.09 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF108829.D

Acq: 6 Sep 2018 17:58

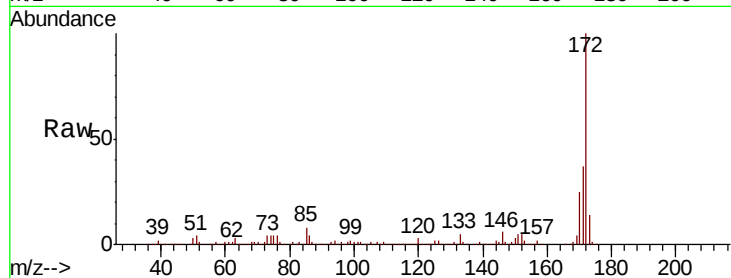
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1398882

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	19.6	29.4

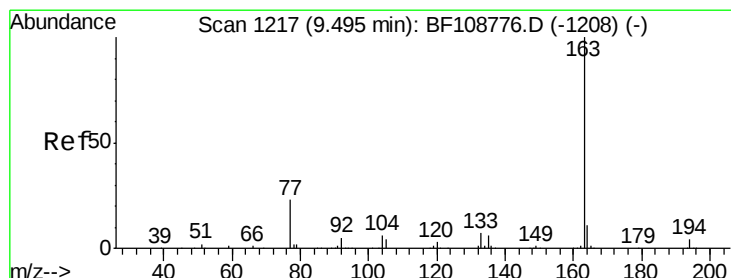
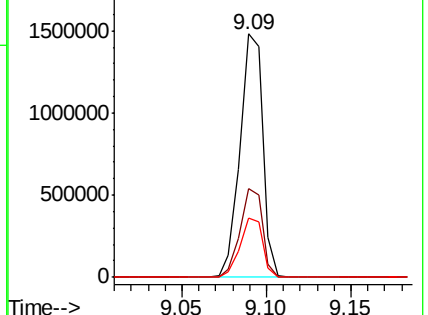
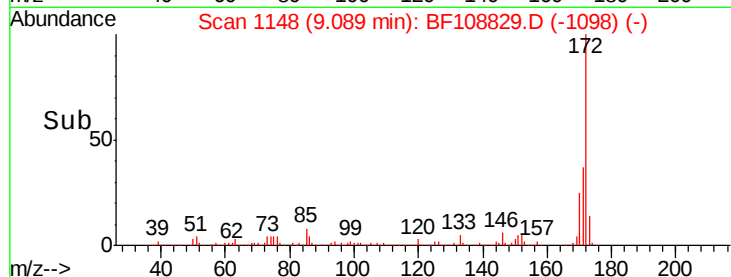


Abundance

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: 15.699 ng

RT: 9.48 min Scan# 1215

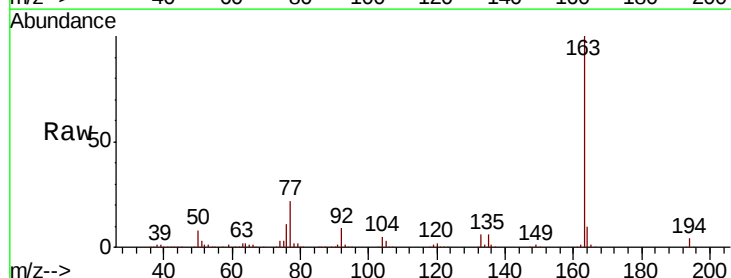
Delta R.T. -0.01 min

Lab File: BF108829.D

Acq: 6 Sep 2018 17:58

Tgt Ion:163 Resp: 548477

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.2	8.2	12.2

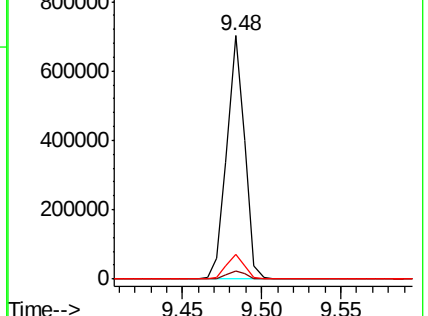
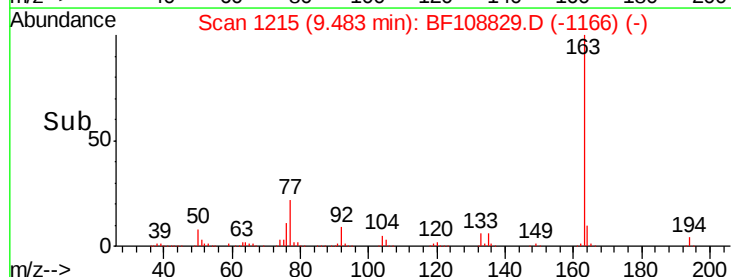


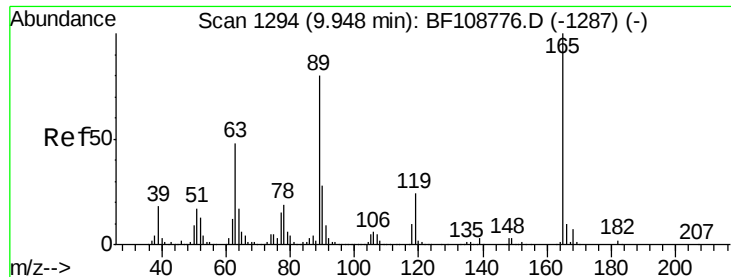
Abundance

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

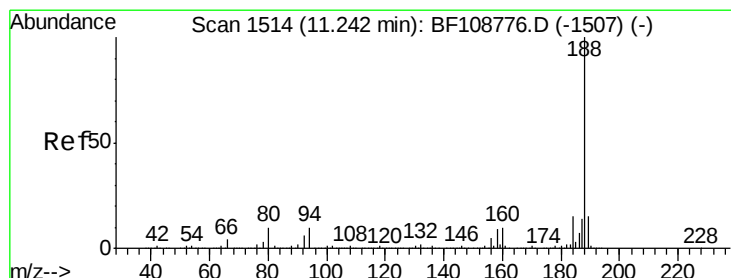
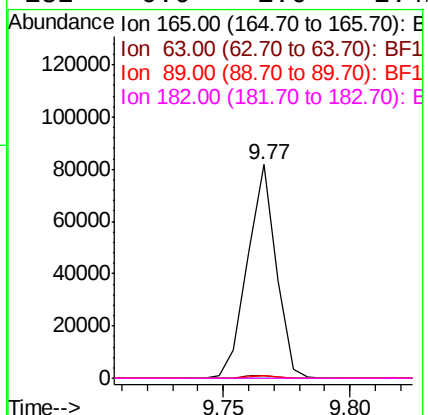
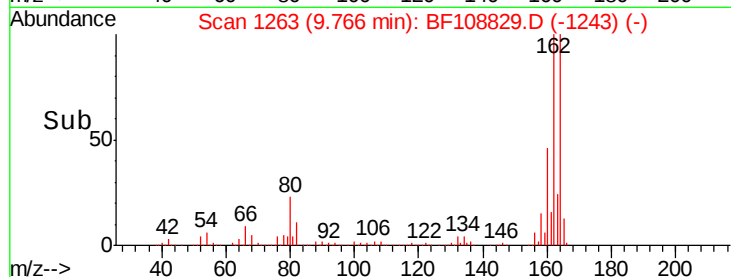
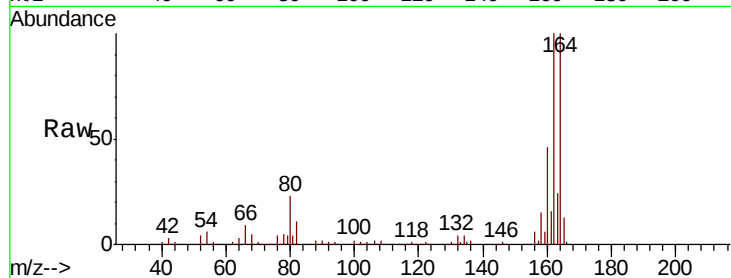




#56
2,4-Dinitrotoluene
Concen: 7.556 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108829.D
Acq: 6 Sep 2018 17:58

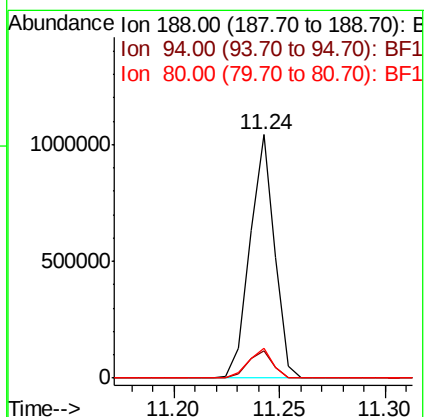
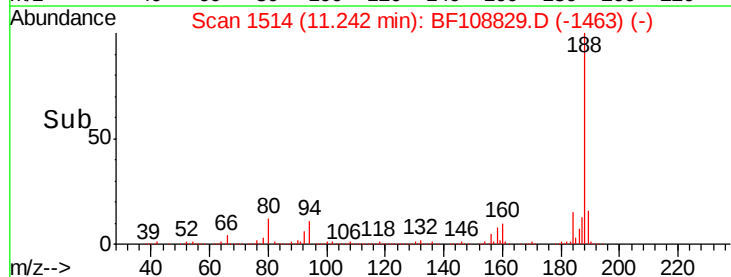
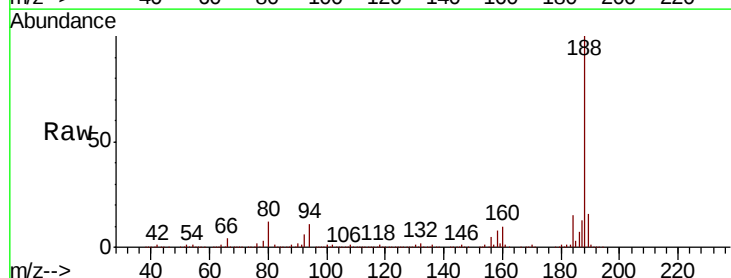
Instrument :
BNA_F
ClientSampleId :

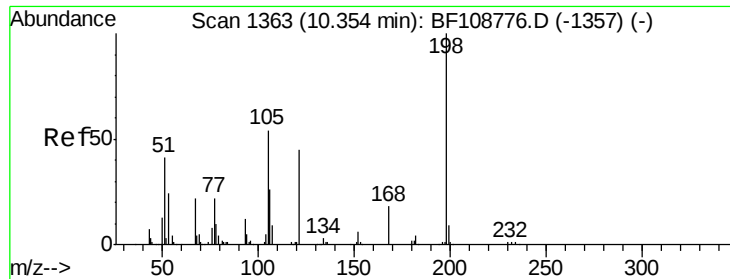
Tot Ion:165 Resp: 64327
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108829.D
Acq: 6 Sep 2018 17:58

Tgt Ion:188 Resp: 842249
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.0 9.2 13.8

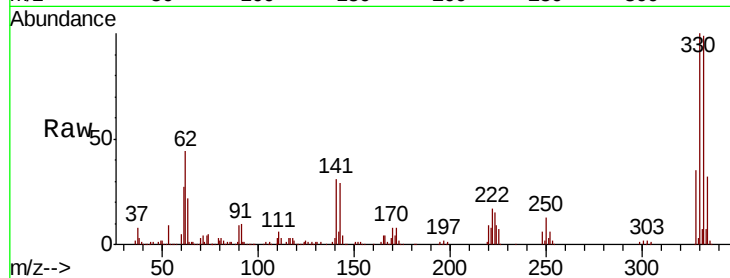




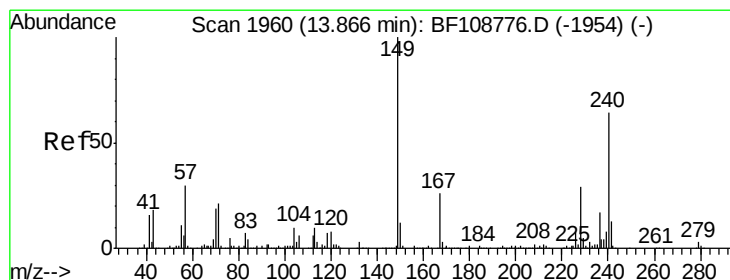
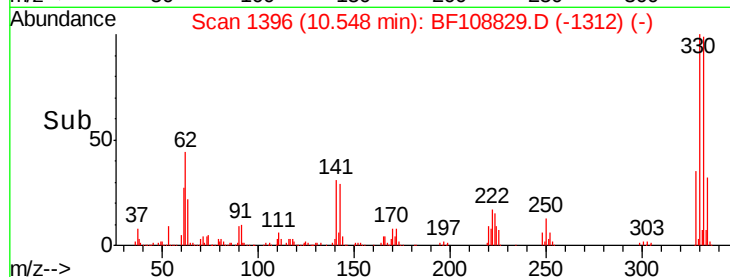
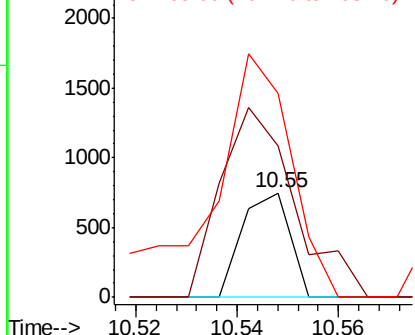
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.994 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108829.D
 Acq: 6 Sep 2018 17:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 487
 Ion Ratio Lower Upper
 198 100
 51 145.5 37.7 77.7#
 105 195.4 36.3 76.3#

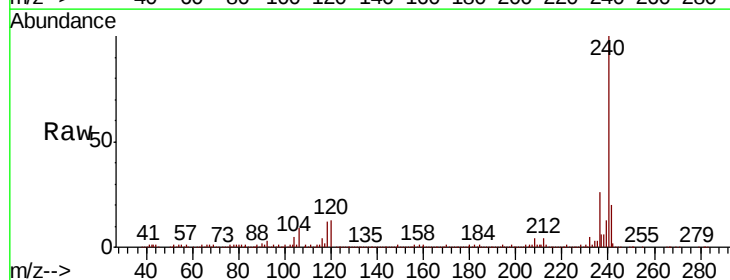


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

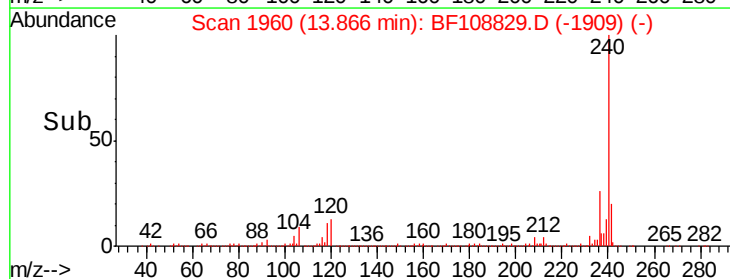
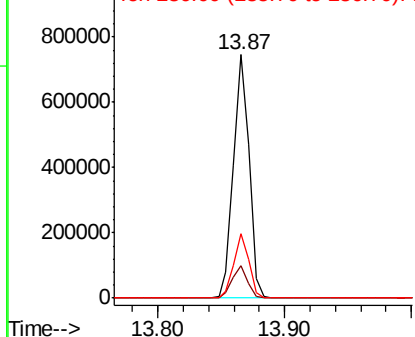


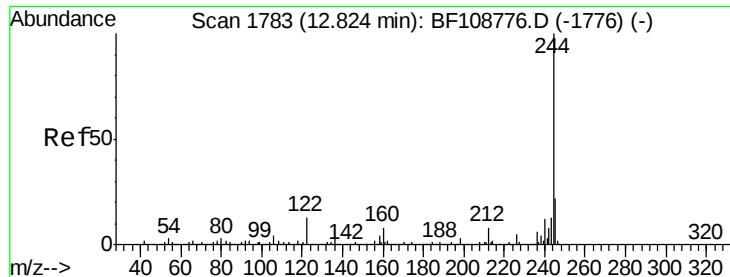
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BF108829.D
 Acq: 6 Sep 2018 17:58

Tgt Ion:240 Resp: 628396
 Ion Ratio Lower Upper
 240 100
 120 13.3 9.5 14.3
 236 26.5 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: 40.297 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108829.D

Acq: 6 Sep 2018 17:58

Instrument :

BNA_F

ClientSampleId :

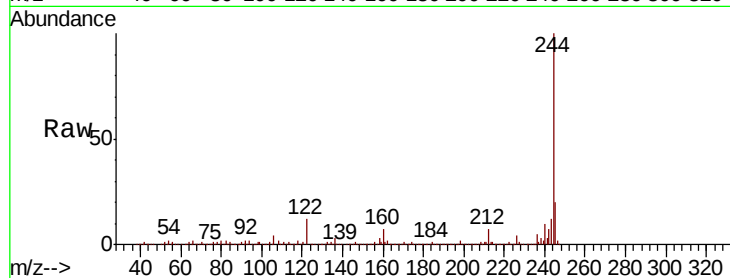
Tot Ion:244 Resp: 1085916

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

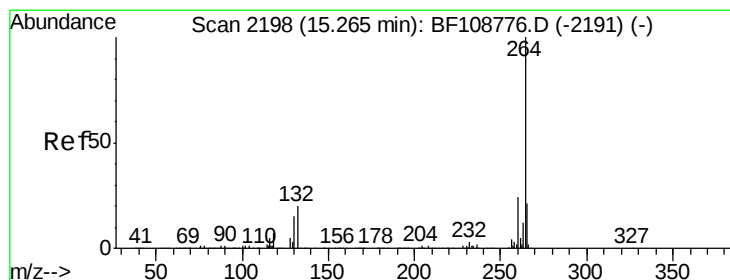
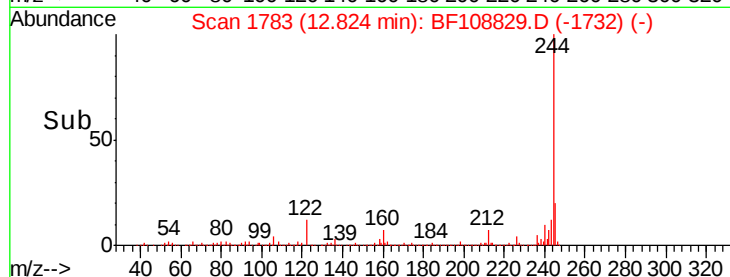
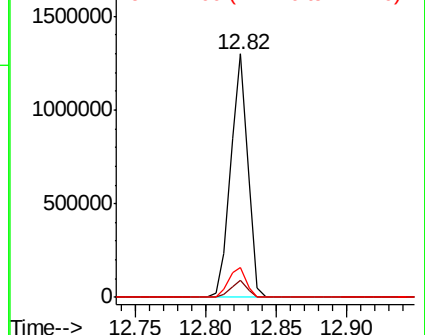
122 12.4 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF108829.D

Acq: 6 Sep 2018 17:58

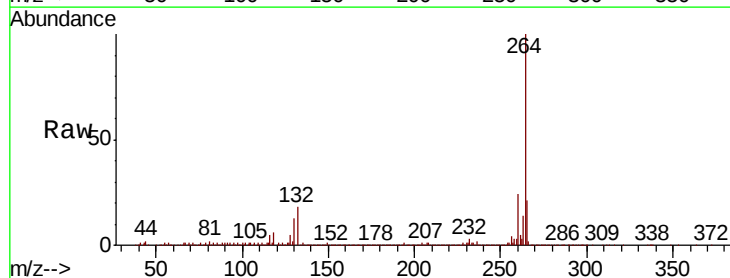
Tgt Ion:264 Resp: 726679

Ion Ratio Lower Upper

264 100

260 24.3 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

