

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108807.D
 Acq On : 6 Sep 2018 6:16
 Operator : JU/SJ
 Sample : J4724-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 08:21:34 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

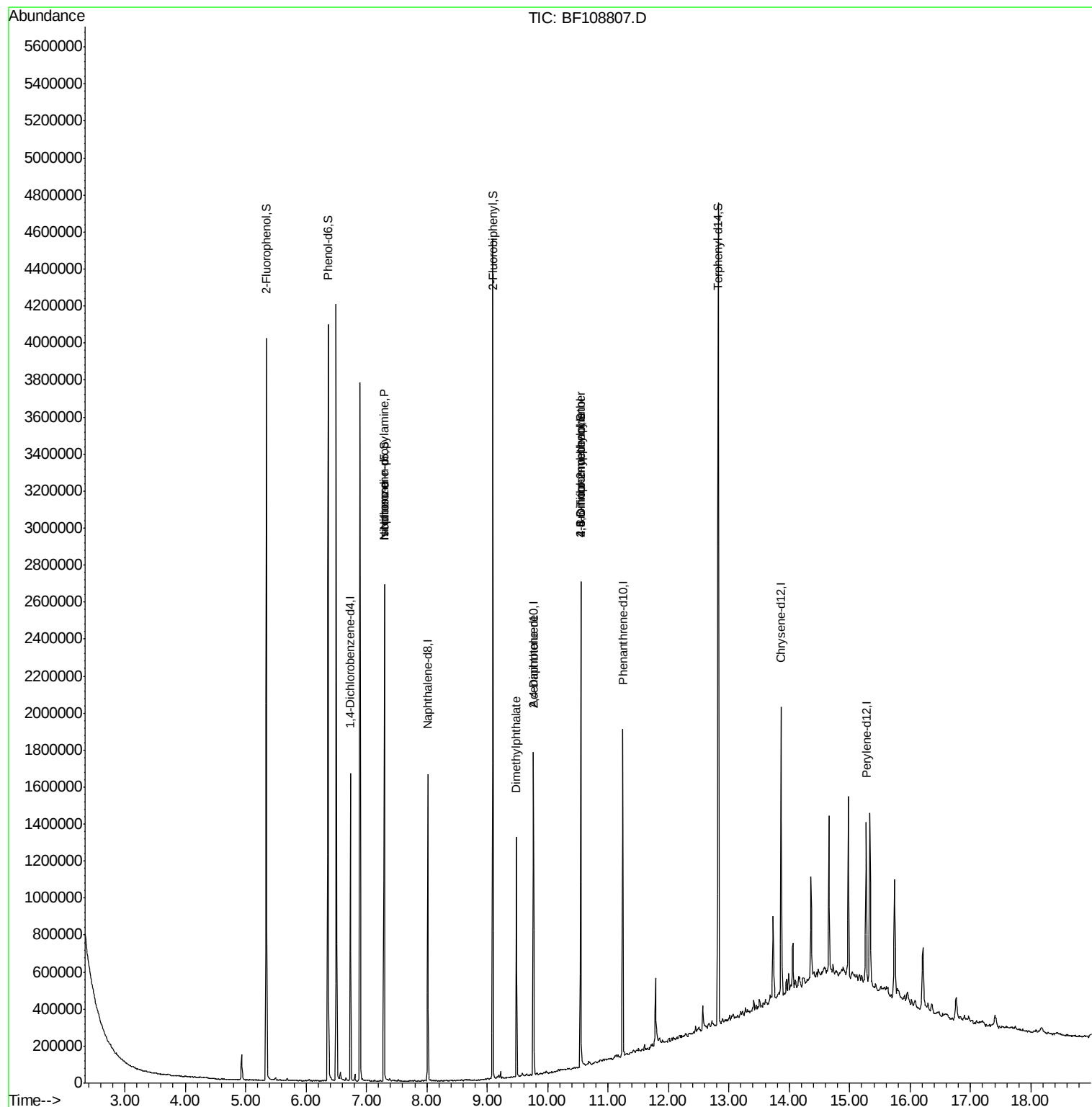
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	214767	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	742741	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	300462	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	561439	20.00	ng	0.00
75) Chrysene-d12	13.87	240	501128	20.00	ng	0.00
86) Perylene-d12	15.27	264	376567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1199235	92.51	ng	0.01
7) Phenol-d6	6.37	99	1517921	91.00	ng	0.00
23) Nitrobenzene-d5	7.30	82	861969	72.63	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	283077	98.69	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1439019	81.71	ng	0.00
78) Terphenyl-d14	12.82	244	1481668	68.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	115858	9.993	ng	# 77
25) Isophorone	7.30	82	854555	36.097	ng	# 64
49) Dimethylphthalate	9.48	163	425451	20.245	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	39062	7.628	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	600	7.101	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	17709	2.793	ng	# 1

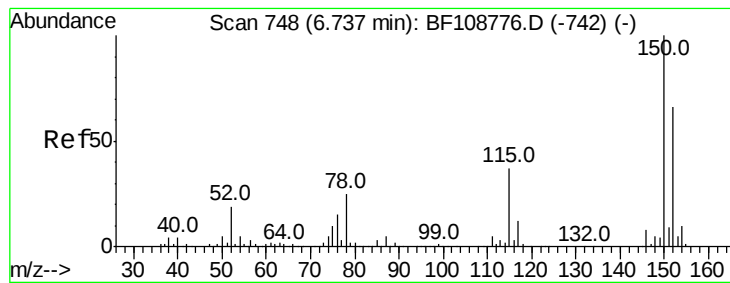
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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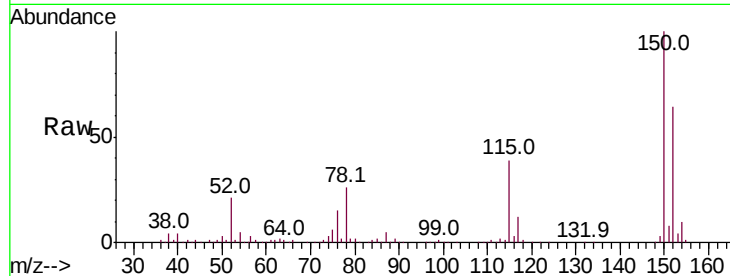


#1

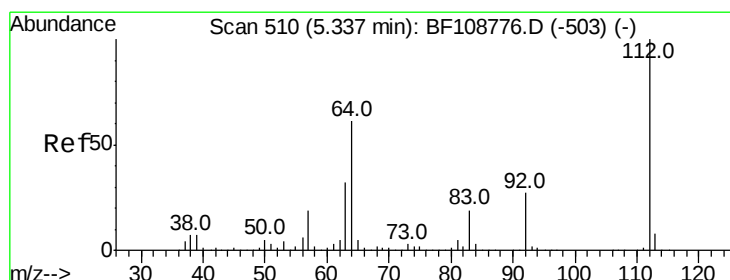
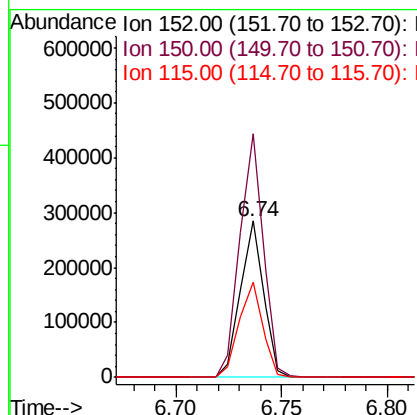
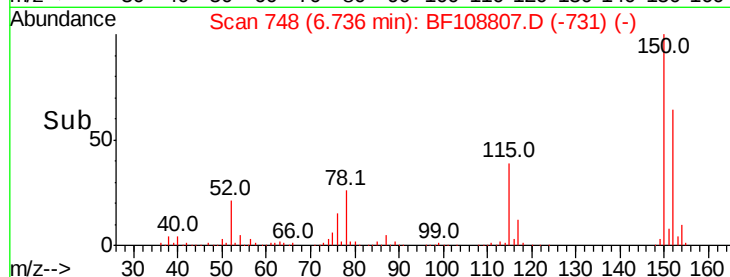
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108807.D
 Acq: 6 Sep 2018 6:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 214767
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.6 186.8
 115 60.6 50.1 75.1



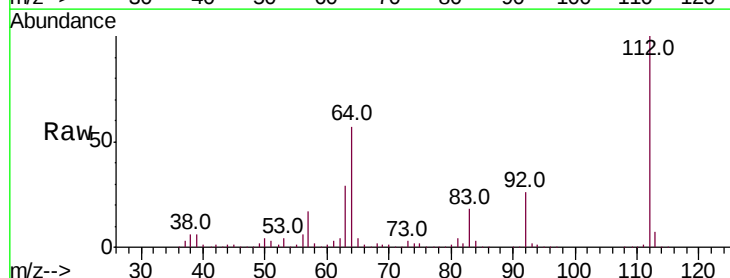
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



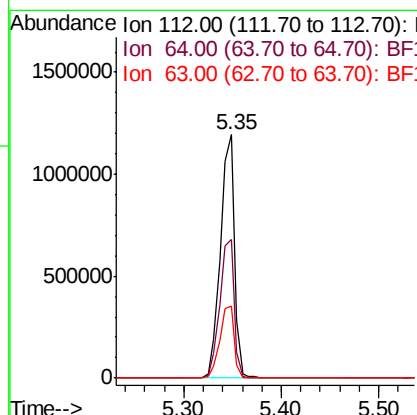
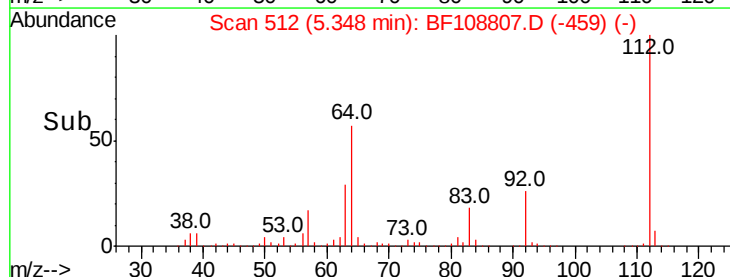
#5

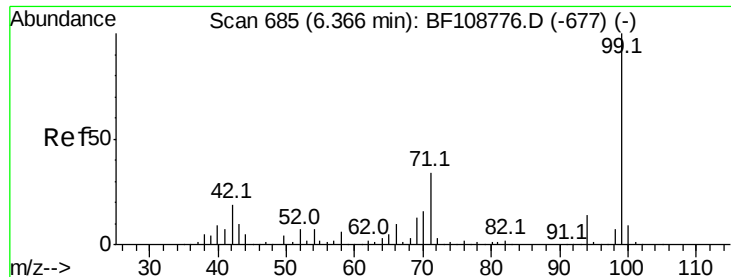
2-Fluorophenol
 Concen: 92.506 ng
 RT: 5.35 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BF108807.D
 Acq: 6 Sep 2018 6:16

Tgt Ion:112 Resp: 1199235
 Ion Ratio Lower Upper
 112 100
 64 56.9 47.9 71.9
 63 29.4 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: 91.003 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108807.D

Acq: 6 Sep 2018 6:16

Instrument :

BNA_F

ClientSampleId :

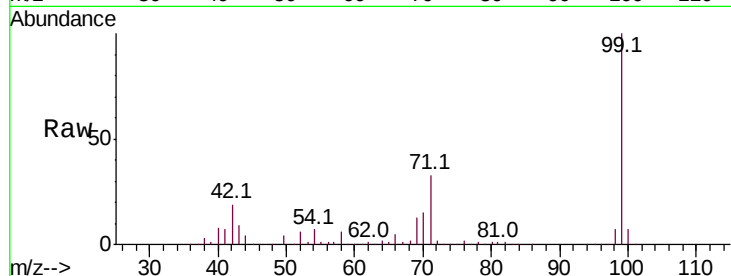
Tot Ion: 99 Resp: 1517921

Ion Ratio Lower Upper

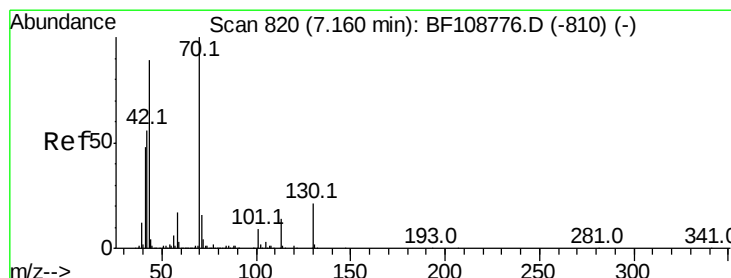
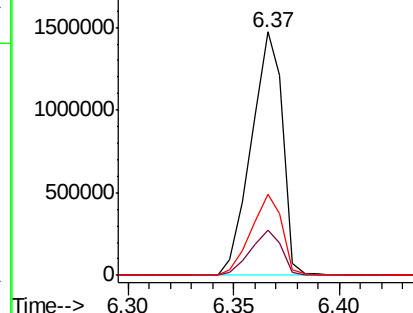
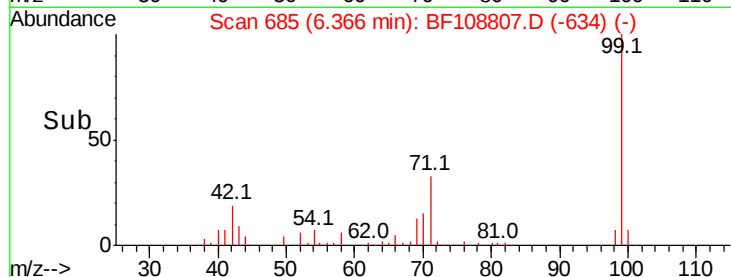
99 100

42 18.7 14.5 21.7

71 33.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
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: 9.993 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108807.D

Acq: 6 Sep 2018 6:16

Tgt Ion: 70 Resp: 115858

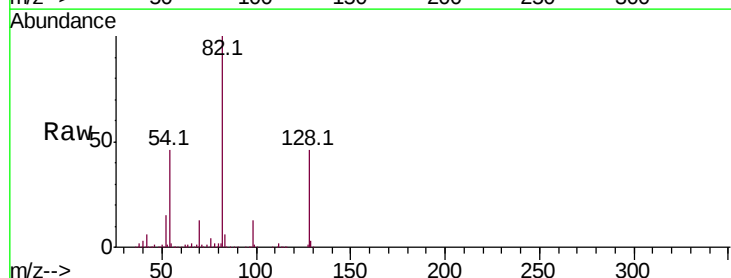
Ion Ratio Lower Upper

70 100

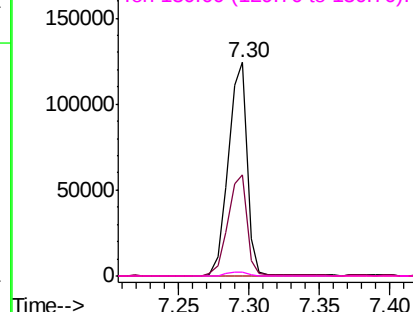
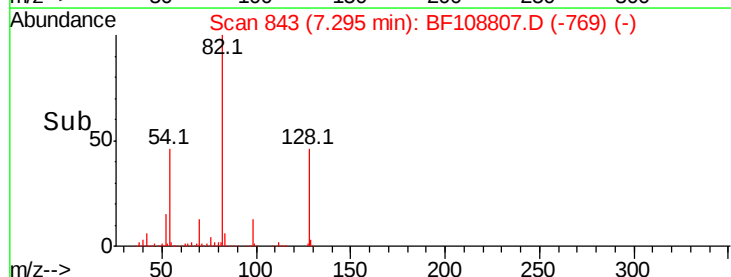
42 47.5 47.5 71.3#

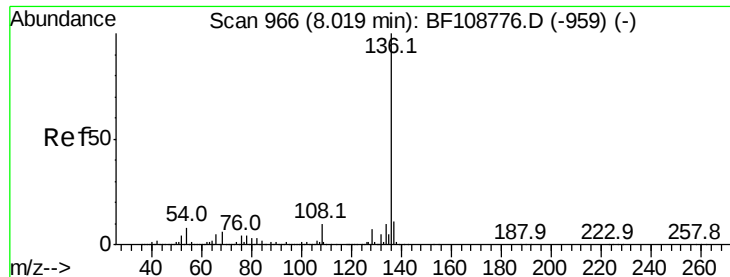
101 0.0 7.4 11.2#

130 1.9 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
150000
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

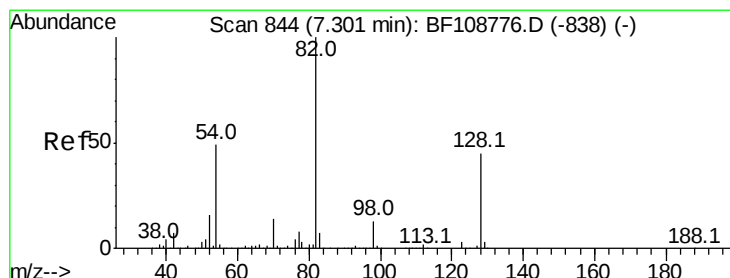
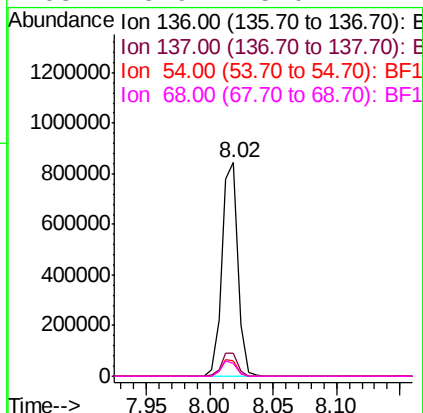
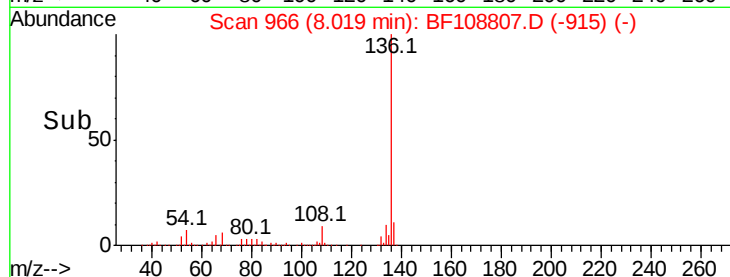
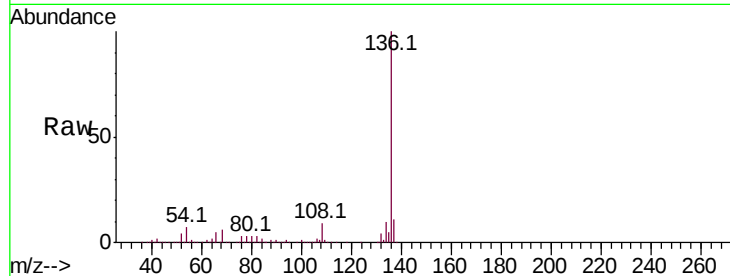




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108807.D
Acq: 6 Sep 2018 6:16

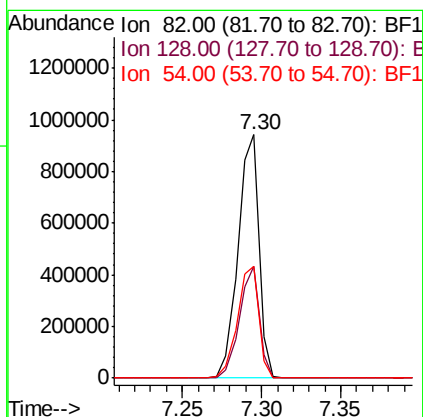
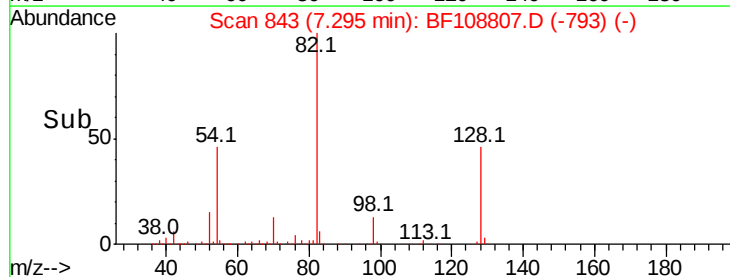
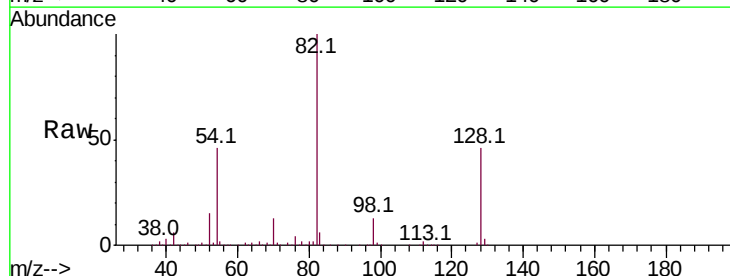
Instrument :
BNA_F
ClientSampleId :

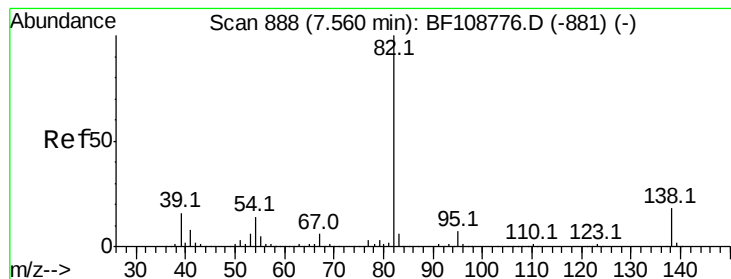
Tot Ion:136	Resp:	742741
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	7.1	6.6 9.8
68	5.9	5.0 7.4



#23
Nitrobenzene-d5
Concen: 72.627 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108807.D
Acq: 6 Sep 2018 6:16

Tgt Ion: 82	Resp:	861969
Ion	Ratio	Lower Upper
82	100	
128	46.0	36.1 54.1
54	45.8	41.4 62.2





#25

Isophorone

Concen: 36.097 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108807.D

Acq: 6 Sep 2018 6:16

Instrument :

BNA_F

ClientSampleId :

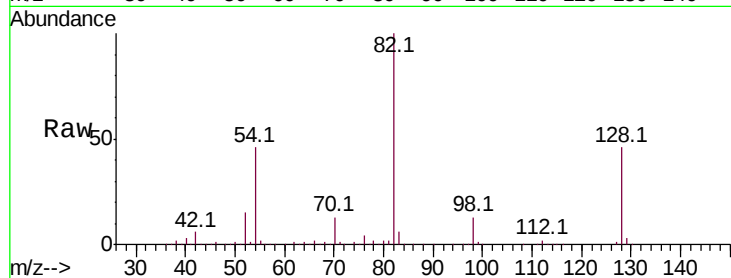
Tot Ion: 82 Resp: 854555

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

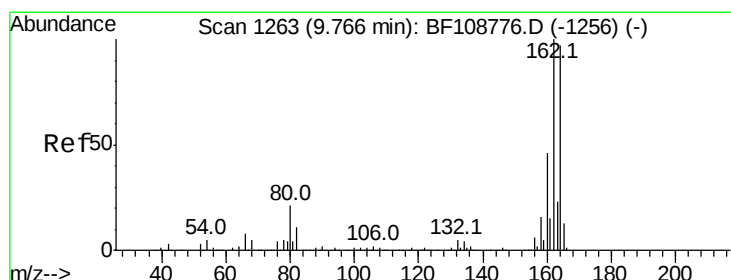
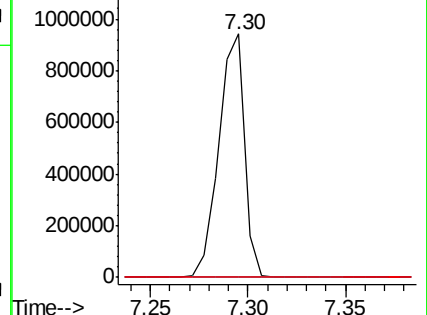
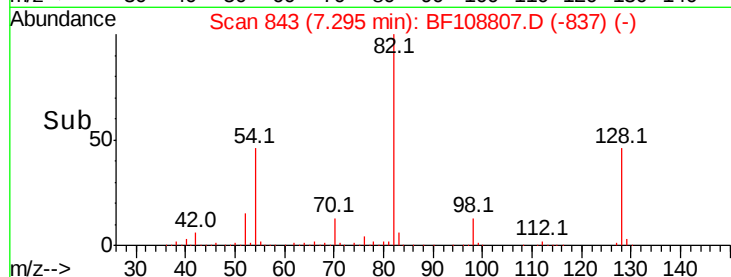
138 0.0 14.9 22.3#



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: 9.77 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF108807.D

Acq: 6 Sep 2018 6:16

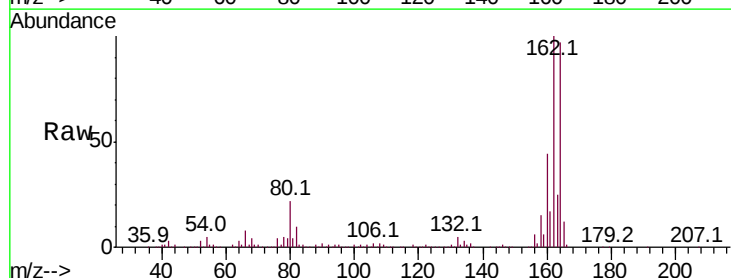
Tgt Ion: 164 Resp: 300462

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

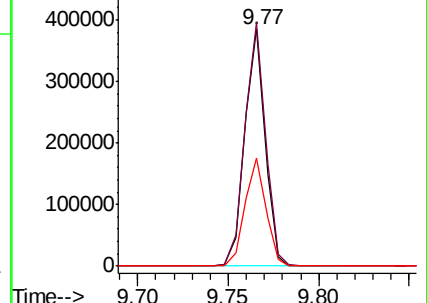
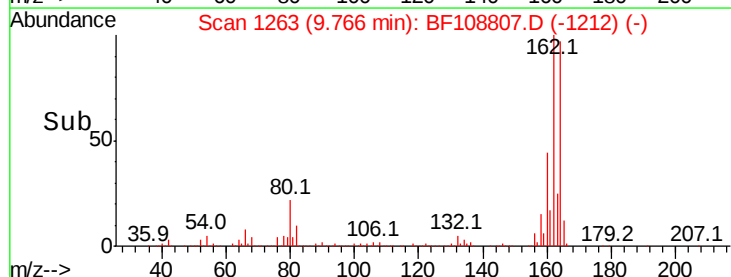
160 45.7 38.3 57.5

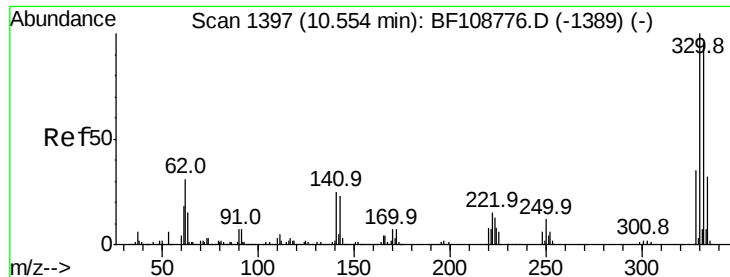


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

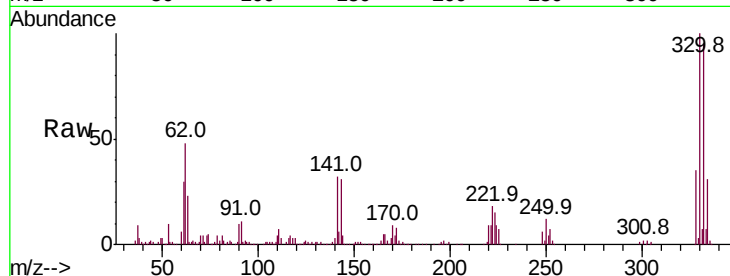




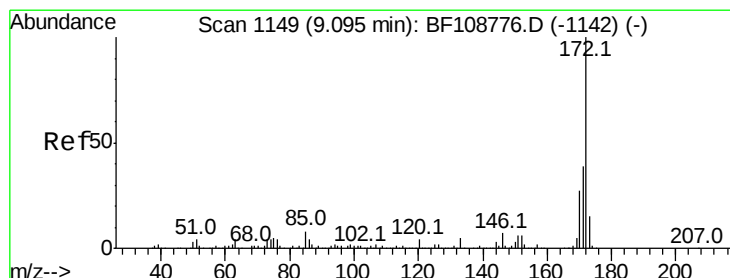
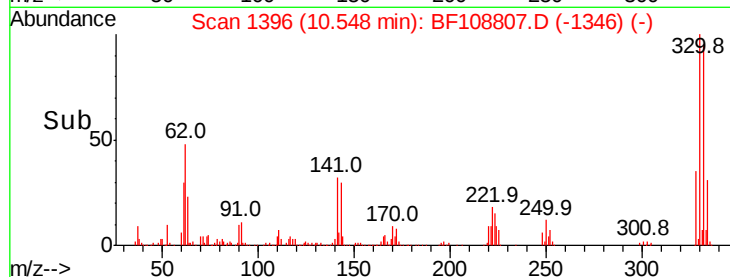
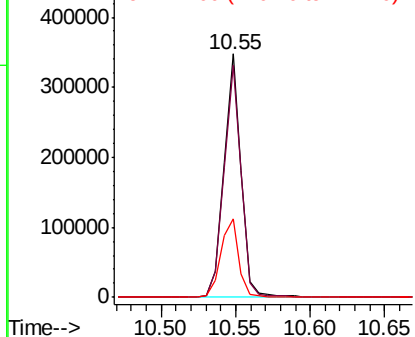
#41
 2,4,6-Tribromophenol
 Concen: 98.690 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108807.D
 Acq: 6 Sep 2018 6:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	33.3	29.9	44.9

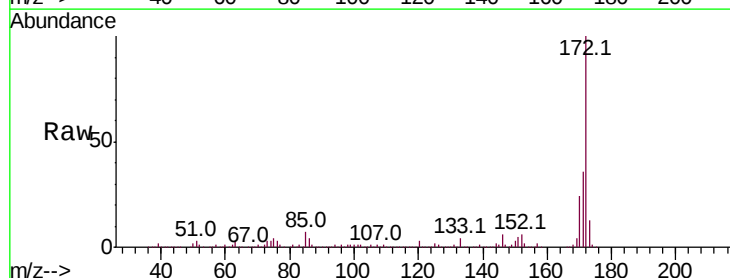


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

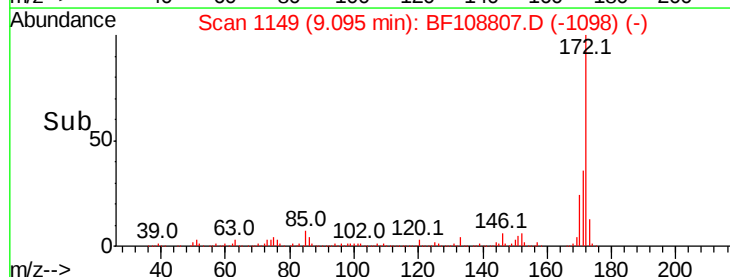
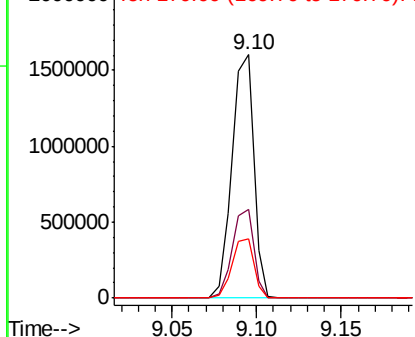


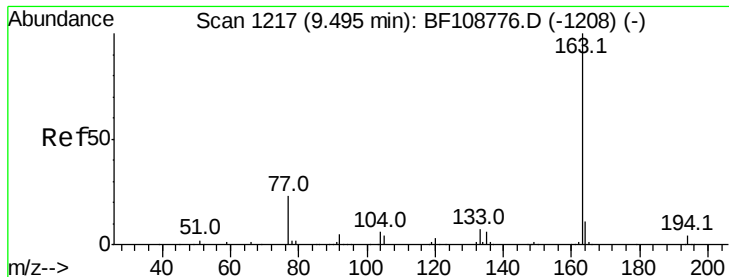
#44
 2-Fluorobiphenyl
 Concen: 81.706 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108807.D
 Acq: 6 Sep 2018 6:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	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

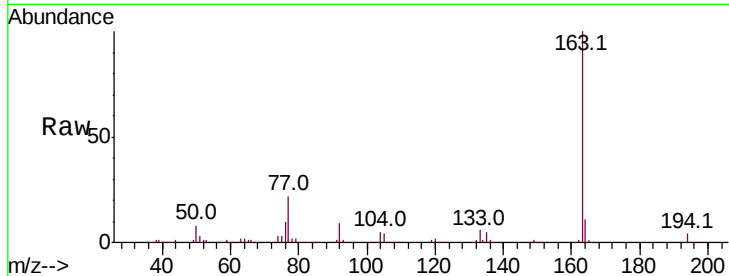




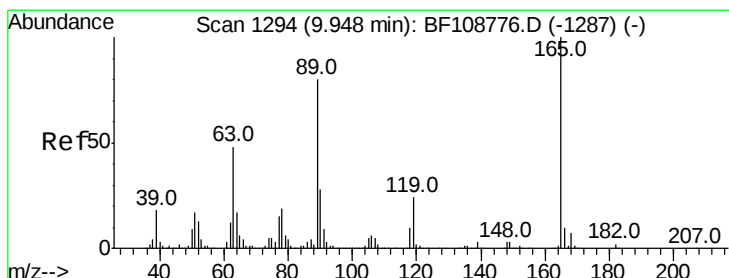
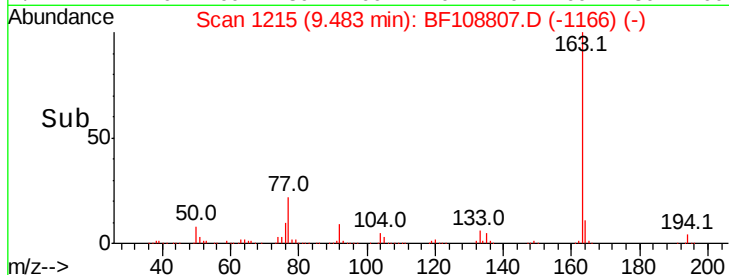
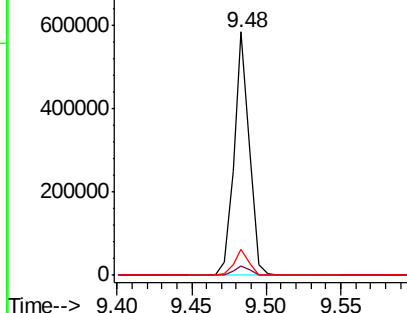
#49
Dimethylphthalate
Concen: 20.245 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108807.D
Acq: 6 Sep 2018 6:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.6	8.2	12.2



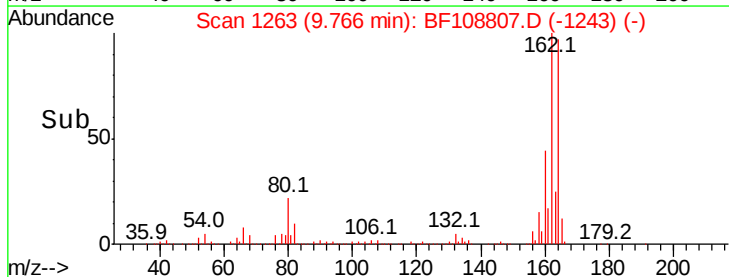
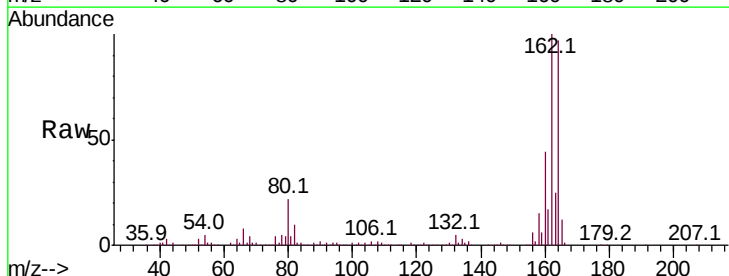
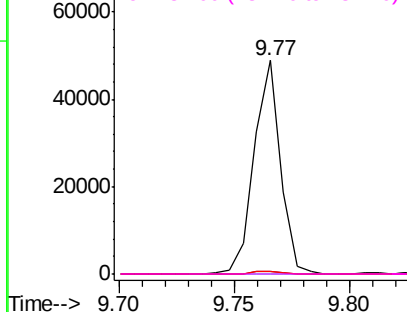
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

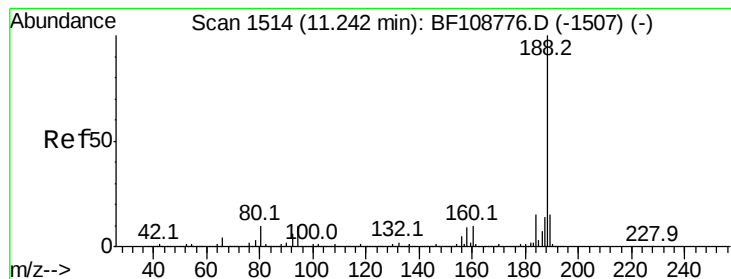


#56
2,4-Dinitrotoluene
Concen: 7.628 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108807.D
Acq: 6 Sep 2018 6:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.2	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: BF108807.D

Acq: 6 Sep 2018 6:16

Instrument :

BNA_F

ClientSampled :

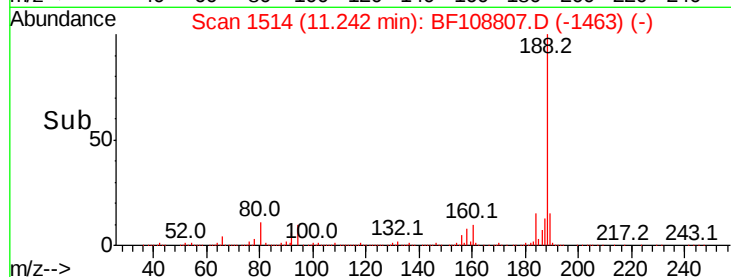
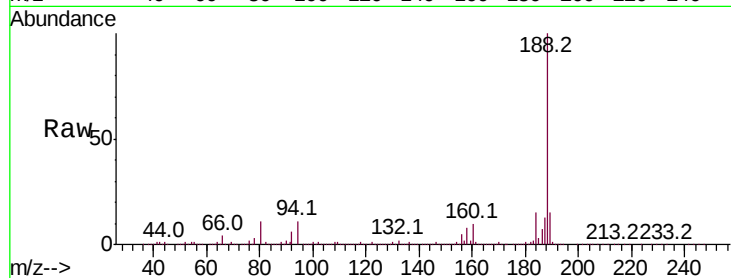
Tot Ion:188 Resp: 561439

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

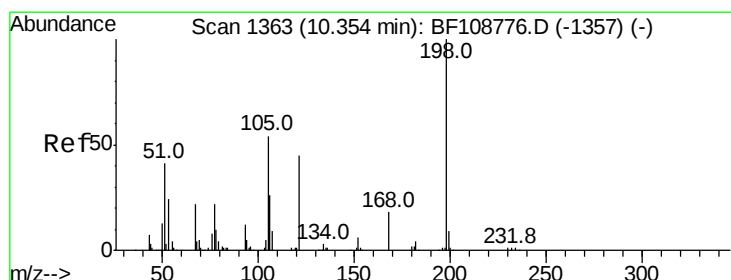
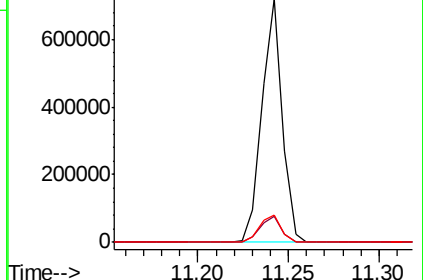
80 11.1 9.2 13.8



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: 7.101 ng

RT: 10.55 min Scan# 1396

Delta R.T. 0.19 min

Lab File: BF108807.D

Acq: 6 Sep 2018 6:16

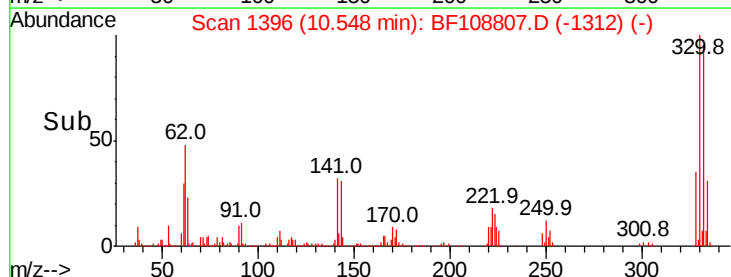
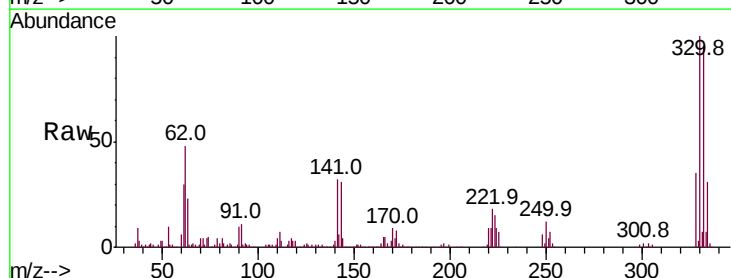
Tgt Ion:198 Resp: 600

Ion Ratio Lower Upper

198 100

51 133.9 37.7 77.7#

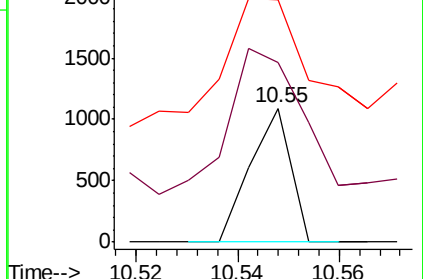
105 181.4 36.3 76.3#

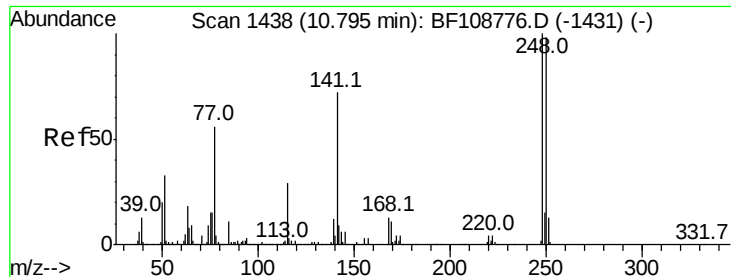


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

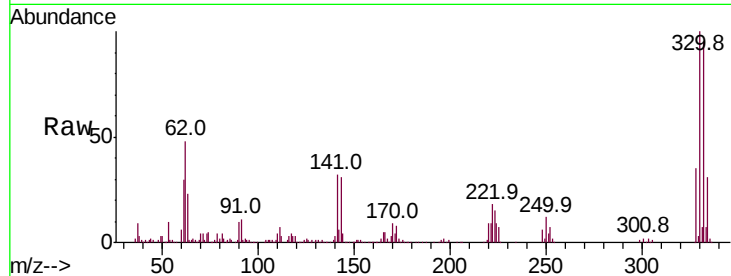




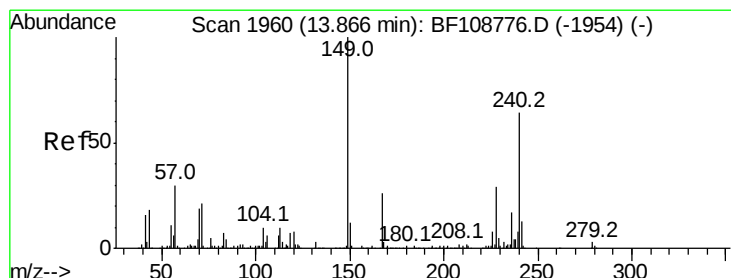
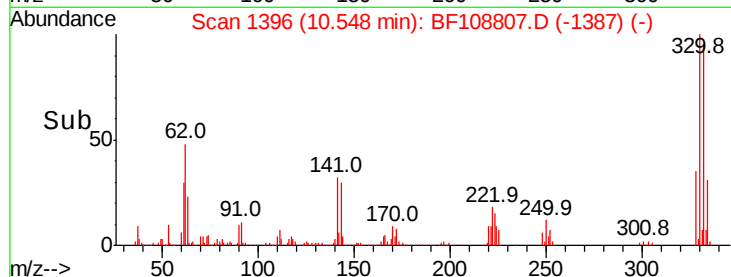
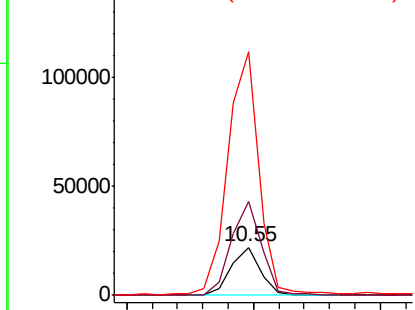
#66
4-Bromophenyl-phenylether
Concen: 2.793 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108807.D
Acq: 6 Sep 2018 6:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 17709
Ion Ratio Lower Upper
248 100
250 197.0 76.9 115.3#
141 507.7 74.4 111.6#

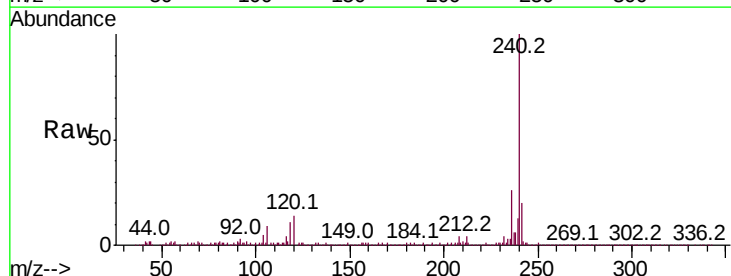


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

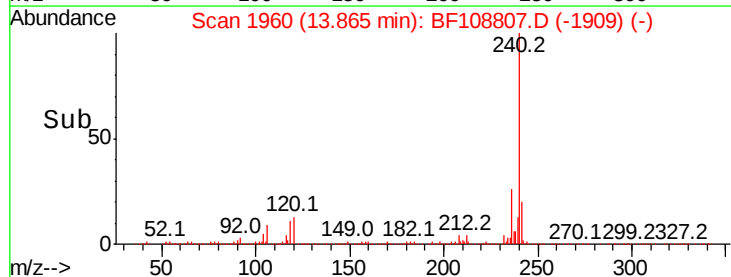
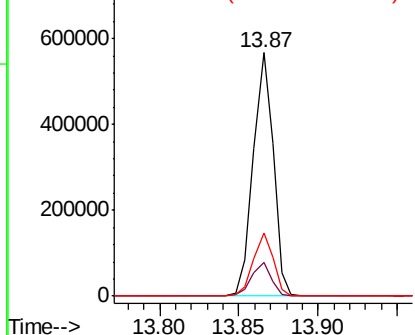


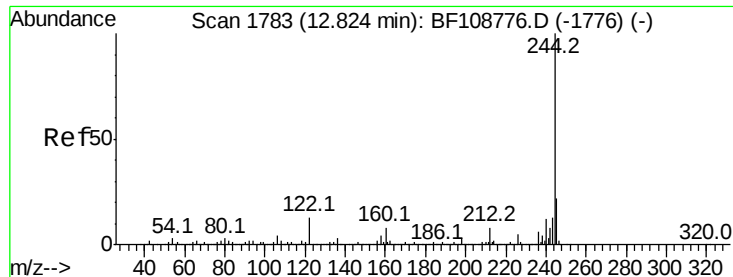
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108807.D
Acq: 6 Sep 2018 6:16

Tgt Ion:240 Resp: 501128
Ion Ratio Lower Upper
240 100
120 13.7 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

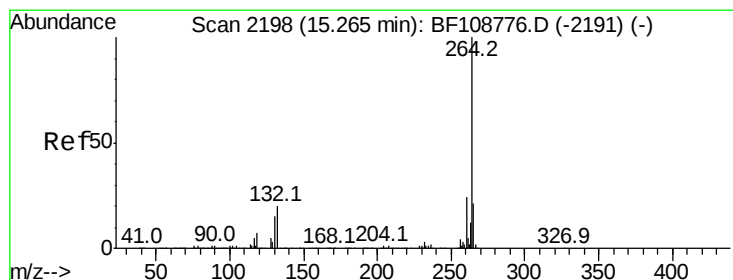
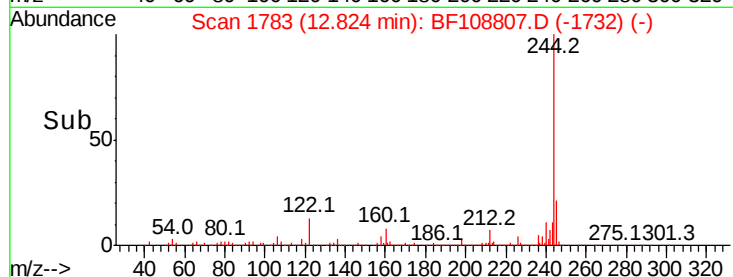
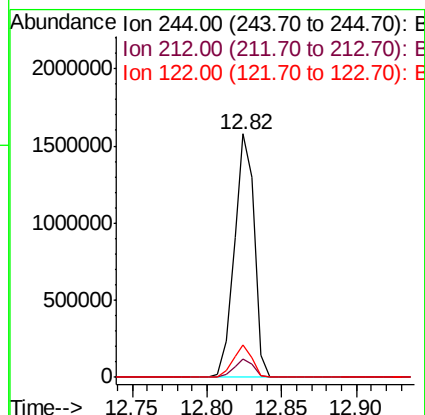
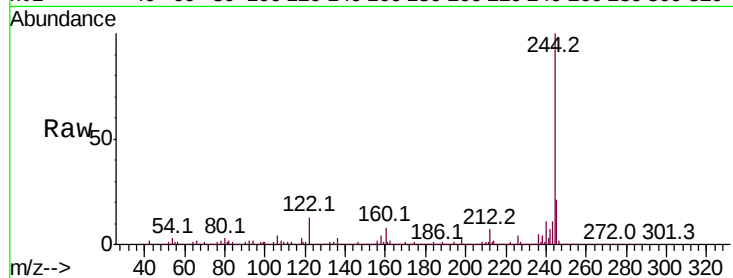




#78
 Terphenyl-d14
 Concen: 68.947 ng
 RT: 12.82 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF108807.D
 Acq: 6 Sep 2018 6:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1481668
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 13.4 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: BF108807.D
 Acq: 6 Sep 2018 6:16

Tgt Ion:264 Resp: 376567
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.9 17.5 26.3

