

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108811.D
 Acq On : 6 Sep 2018 8:31
 Operator : JU/SJ
 Sample : J4724-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 10:53:31 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

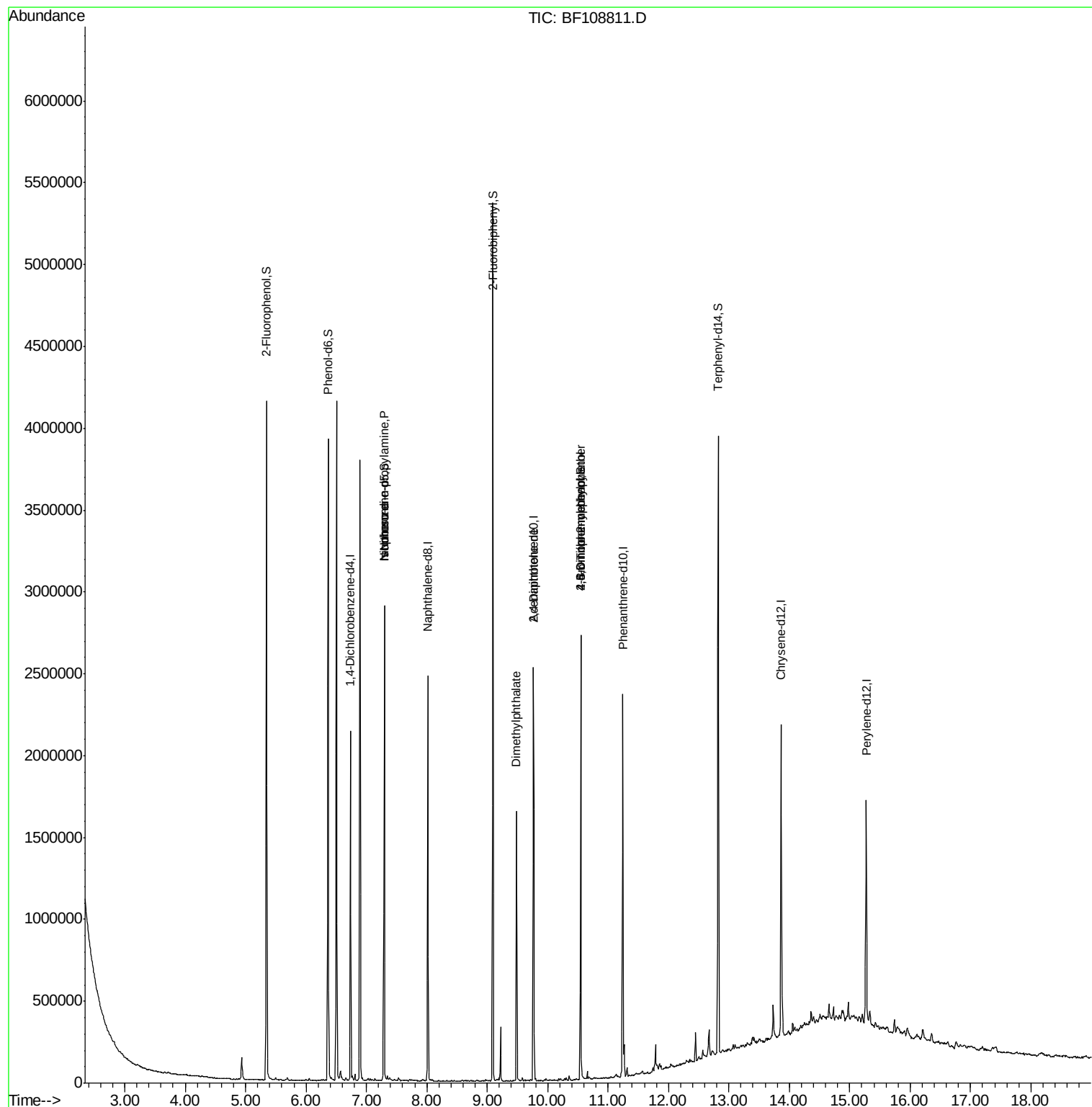
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	277841	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1043952	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	460272	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	725612	20.00	ng	0.00
75) Chrysene-d12	13.87	240	593721	20.00	ng	0.00
86) Perylene-d12	15.27	264	601466	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1159416	69.13	ng	0.01
7) Phenol-d6	6.37	99	1493228	69.20	ng	0.00
23) Nitrobenzene-d5	7.30	82	904253	54.21	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	291704	66.39	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1582128	58.64	ng	0.00
78) Terphenyl-d14	12.82	244	1203393	47.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	121705	8.114	ng	# 77
25) Isophorone	7.30	82	896466	26.942	ng	# 64
49) Dimethylphthalate	9.48	163	617489	19.181	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	58473	7.454	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	536	7.029	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	17987	2.195	ng	# 1

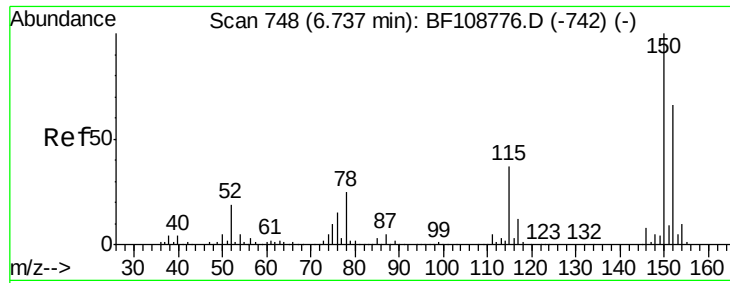
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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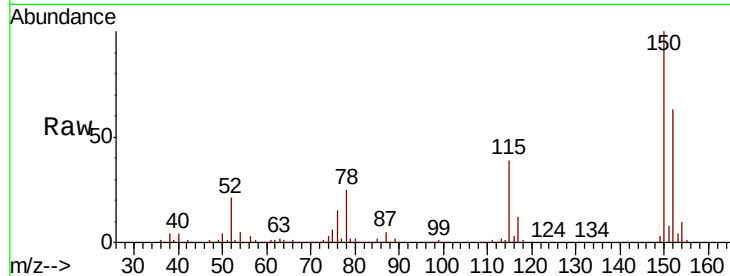


#1

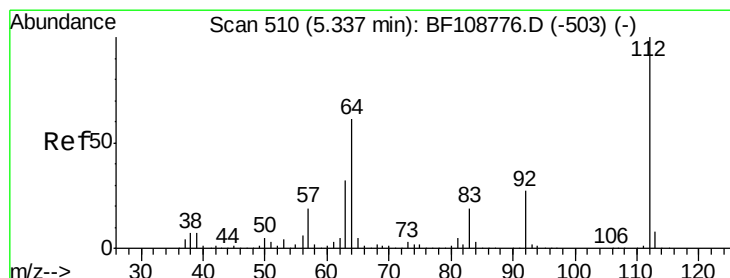
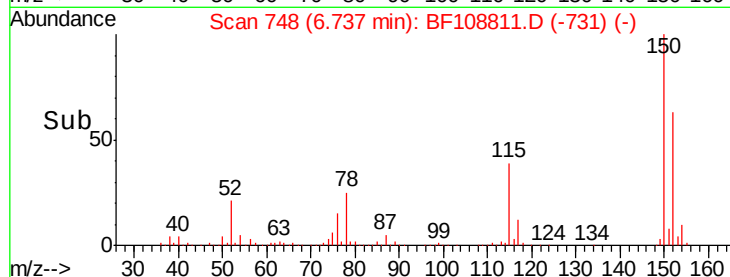
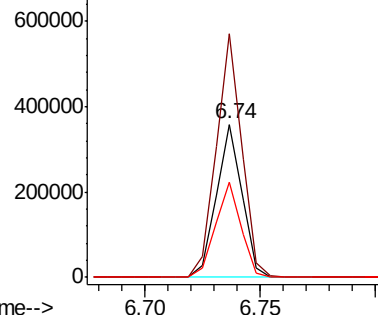
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108811.D
 Acq: 6 Sep 2018 8:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	62.4	50.1	75.1



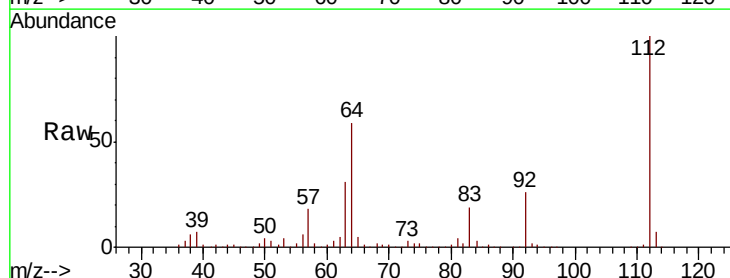
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



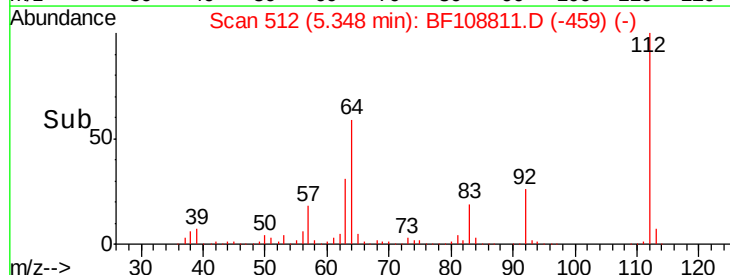
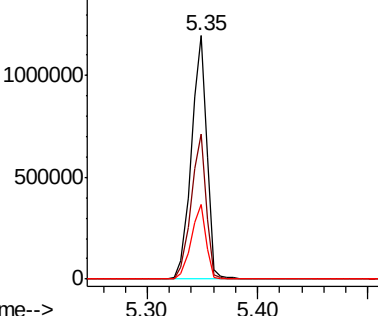
#5

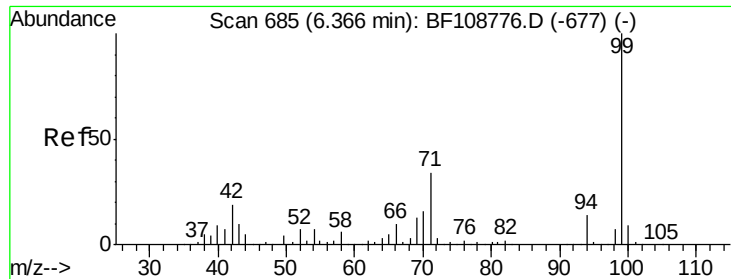
2-Fluorophenol
 Concen: 69.132 ng
 RT: 5.35 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BF108811.D
 Acq: 6 Sep 2018 8:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.6	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: 69.199 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108811.D

Acq: 6 Sep 2018 8:31

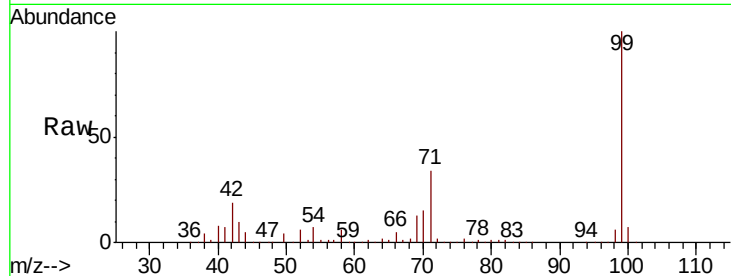
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1493228

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	33.8	25.4	38.0

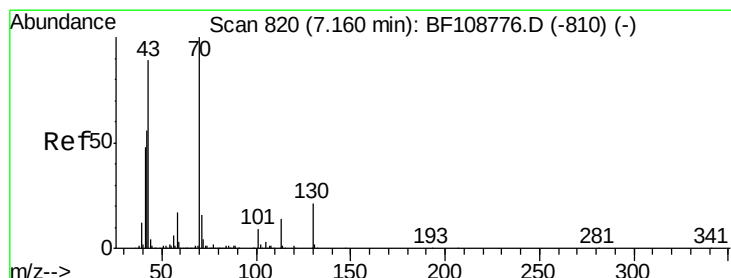
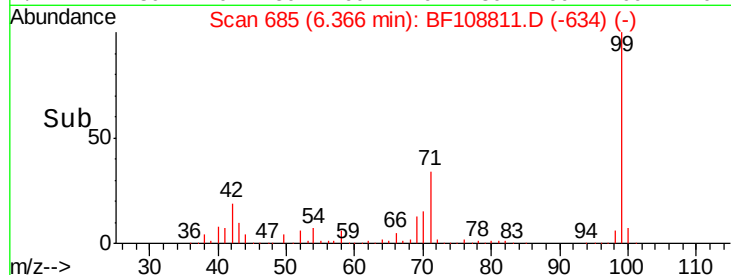
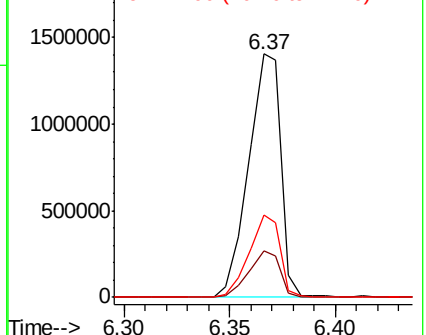


Abundance

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: 8.114 ng

RT: 7.30 min Scan# 843

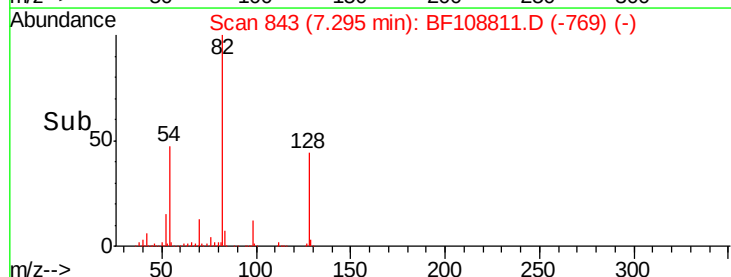
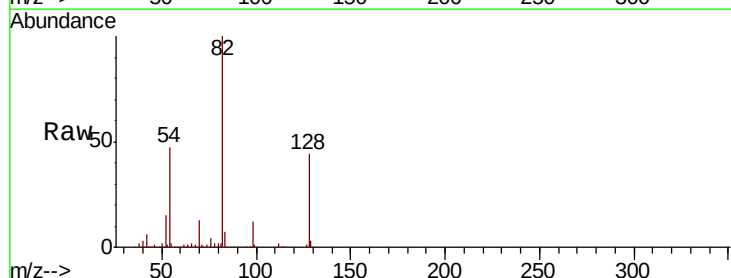
Delta R.T. 0.14 min

Lab File: BF108811.D

Acq: 6 Sep 2018 8:31

Tgt Ion: 70 Resp: 121705

Ion	Ratio	Lower	Upper
70	100		
42	47.0	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



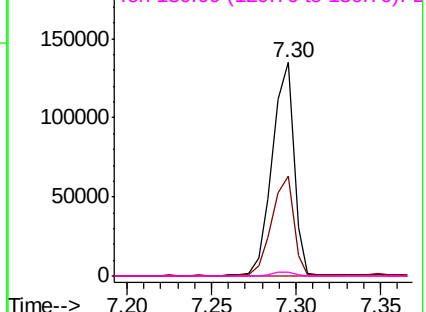
Abundance

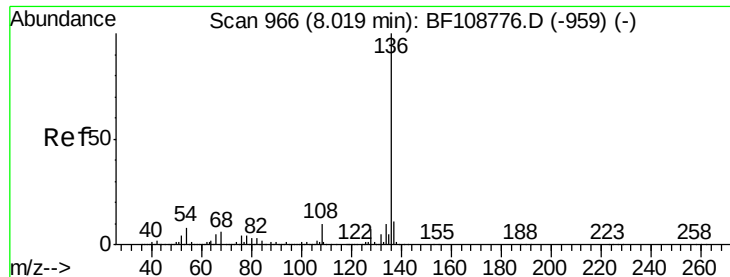
Ion 70.00 (69.70 to 70.70): BF1

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

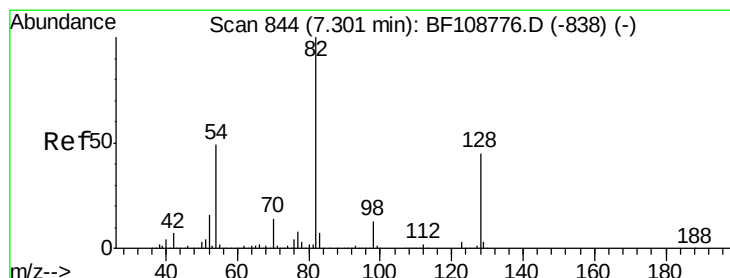
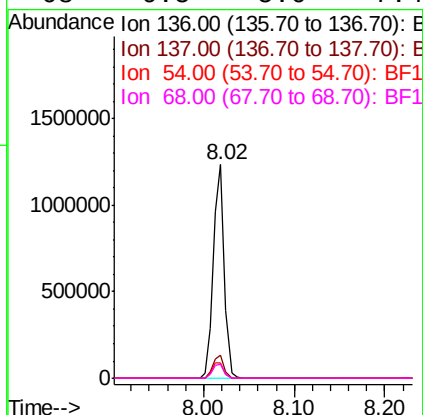
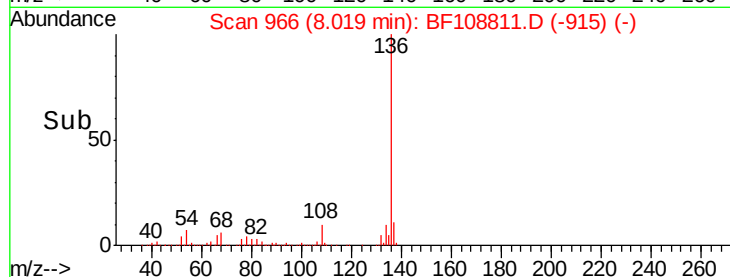
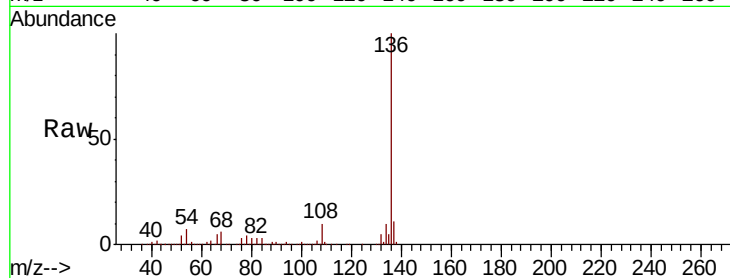




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108811.D
Acq: 6 Sep 2018 8:31

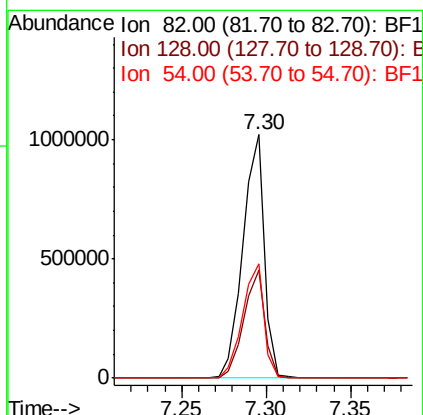
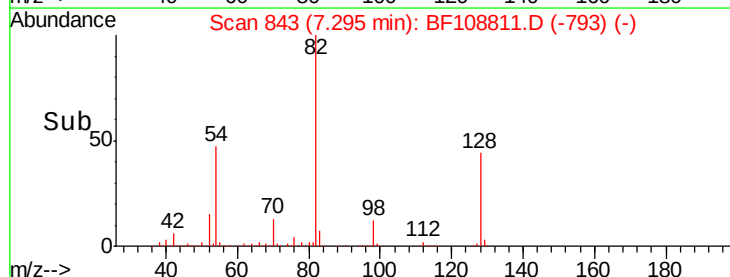
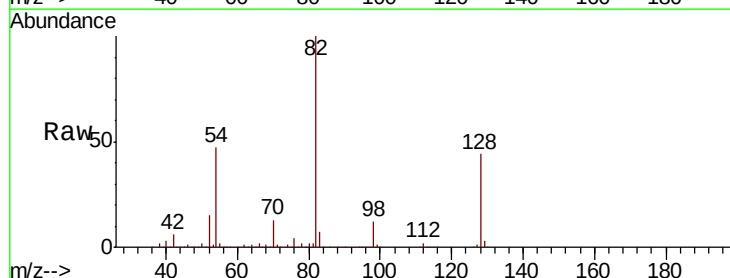
Instrument :
BNA_F
ClientSampleId :

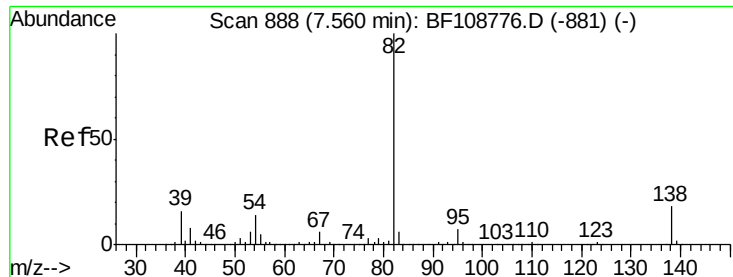
Tot Ion:136	Resp: 1043952
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 7.5	6.6 9.8
68 6.5	5.0 7.4



#23
Nitrobenzene-d5
Concen: 54.207 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108811.D
Acq: 6 Sep 2018 8:31

Tgt Ion: 82	Resp: 904253
Ion Ratio	Lower Upper
82 100	
128 44.5	36.1 54.1
54 46.9	41.4 62.2





#25

Isophorone

Concen: 26.942 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108811.D

Acq: 6 Sep 2018 8:31

Instrument :

BNA_F

ClientSampleId :

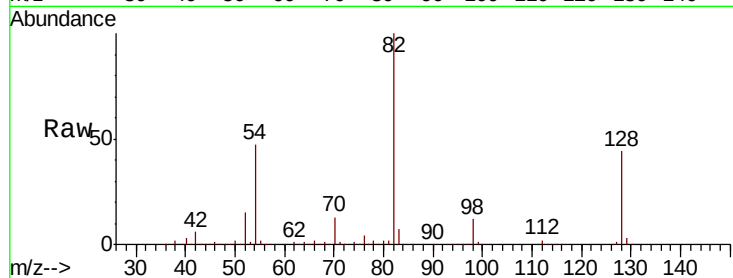
Tot Ion: 82 Resp: 896466

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

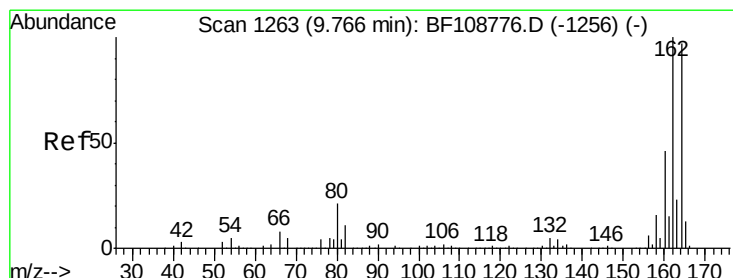
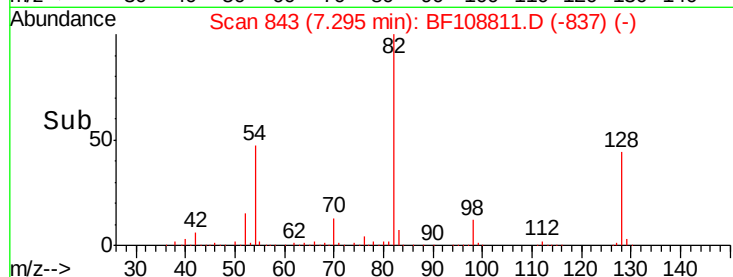
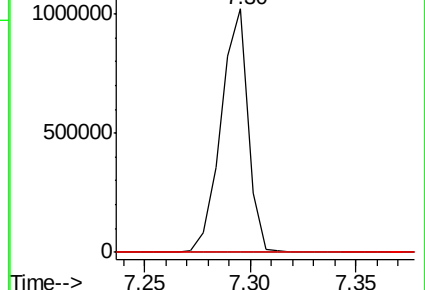
138 0.0 14.9 22.3#



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: BF108811.D

Acq: 6 Sep 2018 8:31

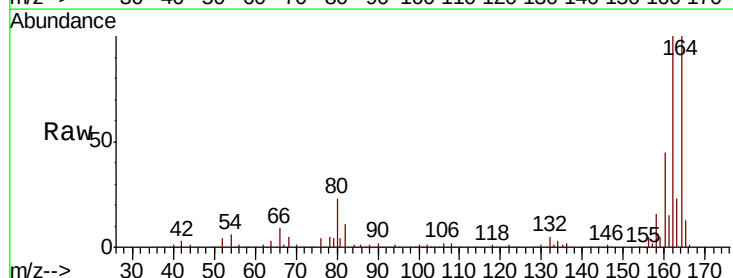
Tgt Ion: 164 Resp: 460272

Ion Ratio Lower Upper

164 100

162 100.1 86.1 129.1

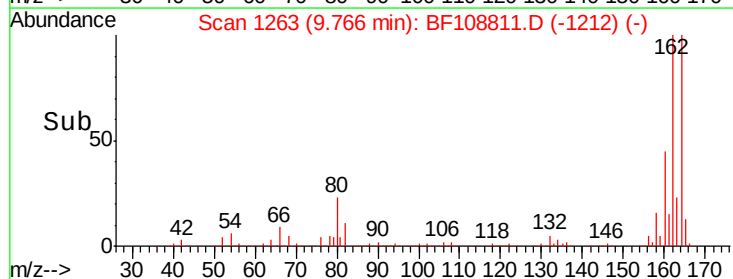
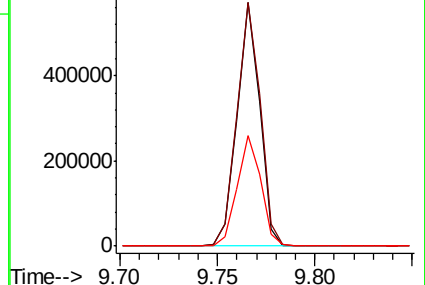
160 45.4 38.3 57.5

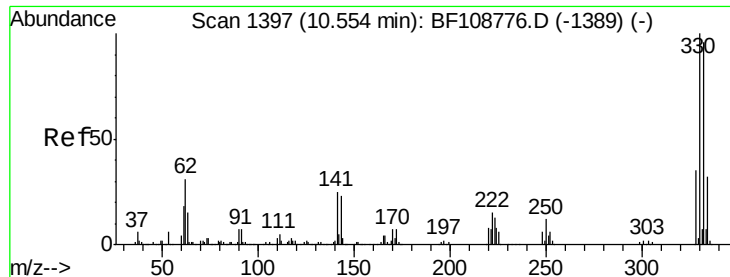


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

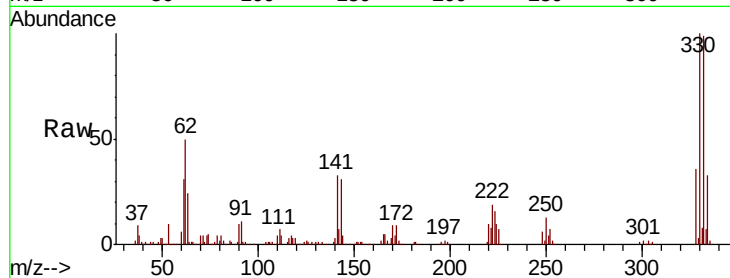




#41
 2,4,6-Tribromophenol
 Concen: 66.387 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108811.D
 Acq: 6 Sep 2018 8:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	33.0	29.9	44.9

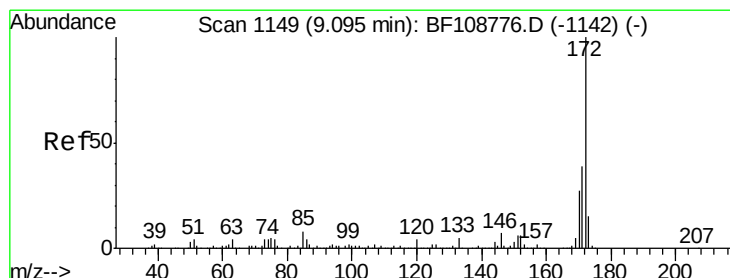
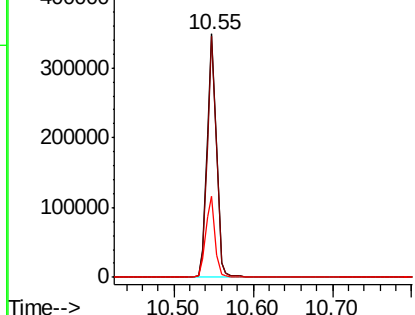
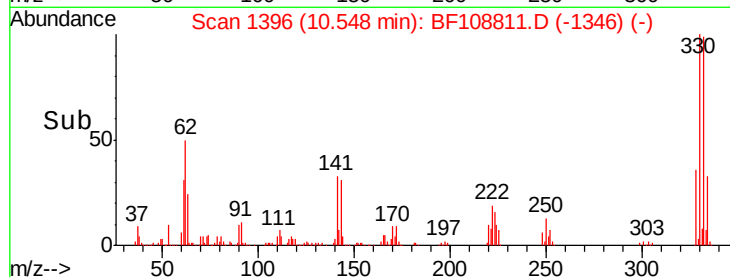


Abundance

Ion 329.80 (329.50 to 330.50): E

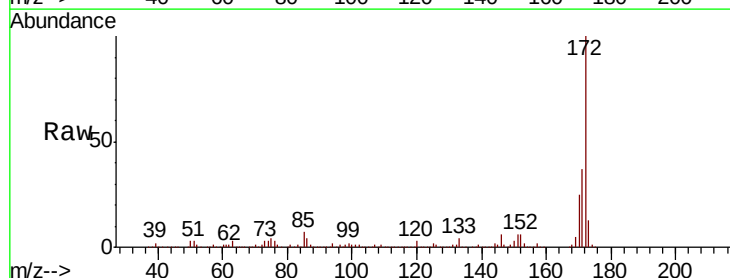
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 58.641 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108811.D
 Acq: 6 Sep 2018 8:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	25.2	19.6	29.4

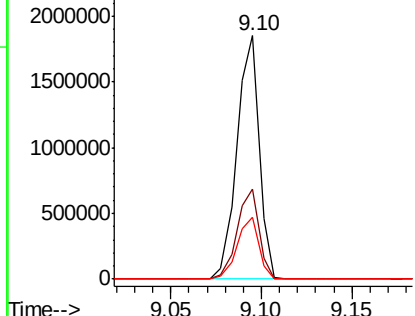
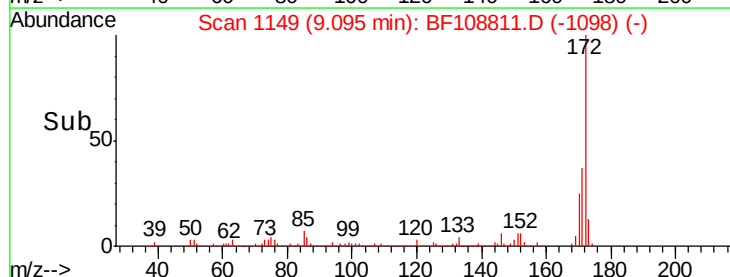


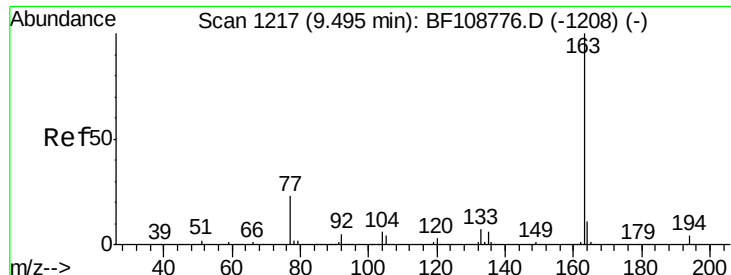
Abundance

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

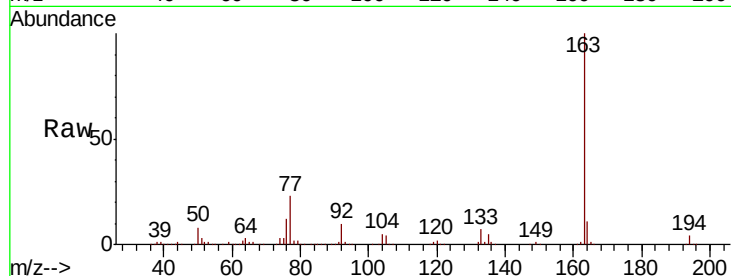




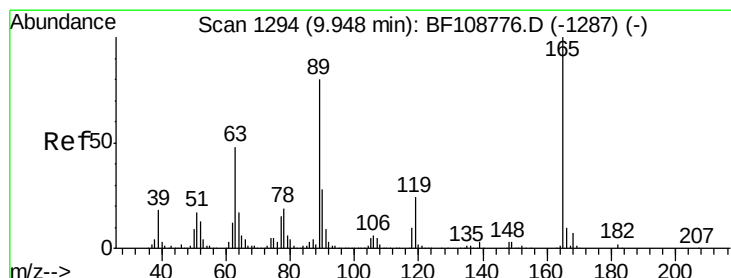
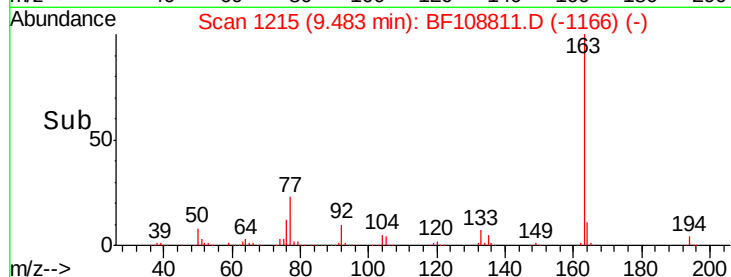
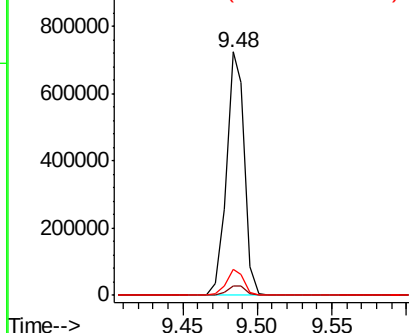
#49
Dimethylphthalate
Concen: 19.181 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108811.D
Acq: 6 Sep 2018 8:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 617489
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.6 8.2 12.2

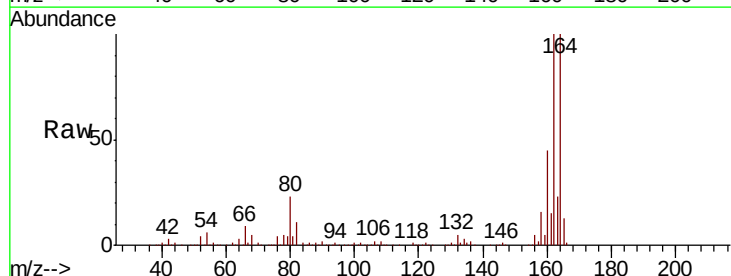


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

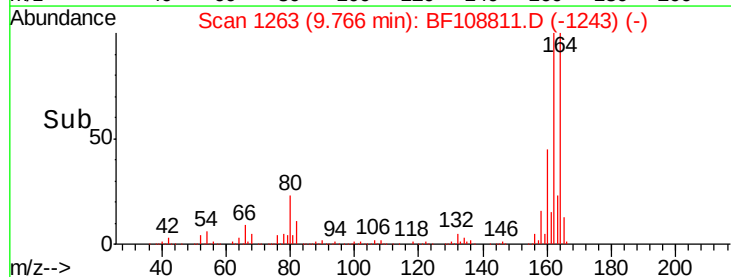
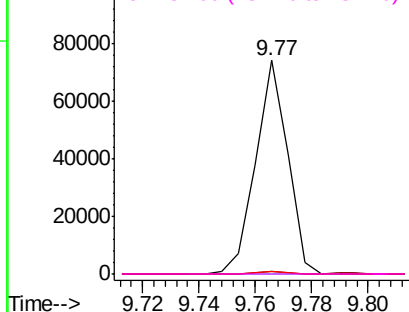


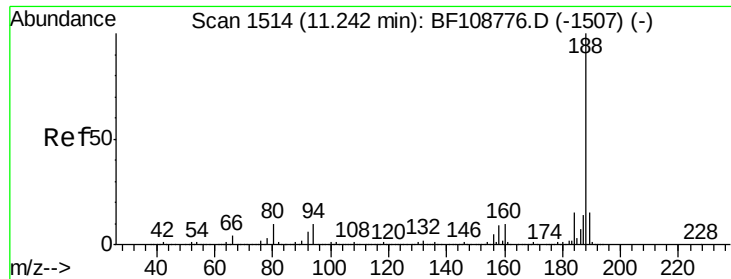
#56
2,4-Dinitrotoluene
Concen: 7.454 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108811.D
Acq: 6 Sep 2018 8:31

Tgt Ion:165 Resp: 58473
Ion Ratio Lower Upper
165 100
63 1.1 36.4 54.6#
89 1.1 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

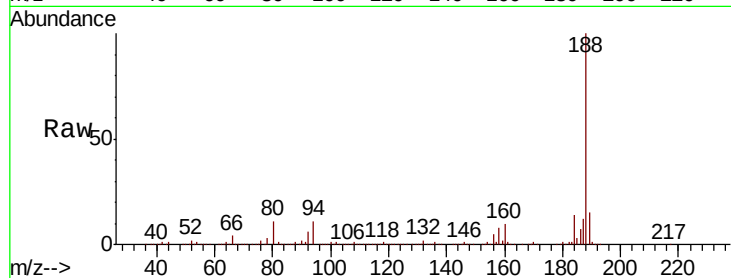




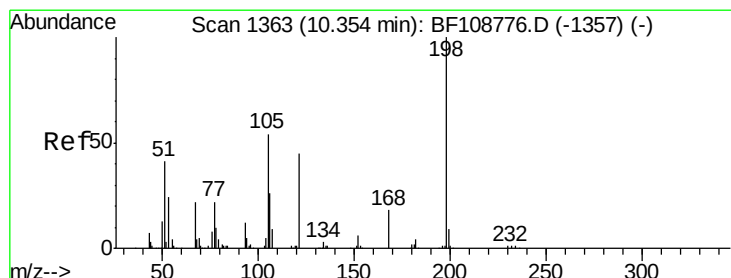
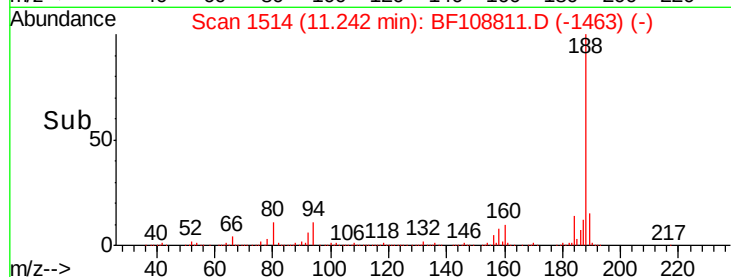
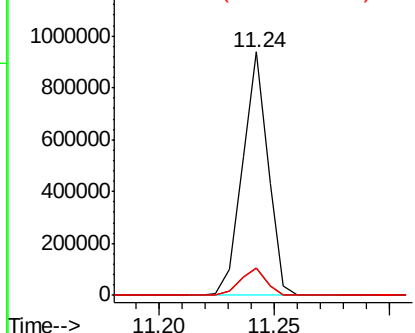
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108811.D
 Acq: 6 Sep 2018 8:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 725612
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.4 9.2 13.8

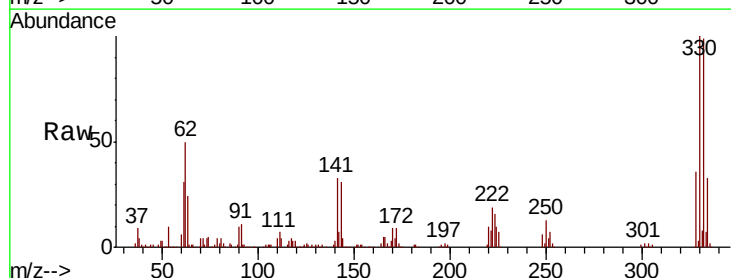


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

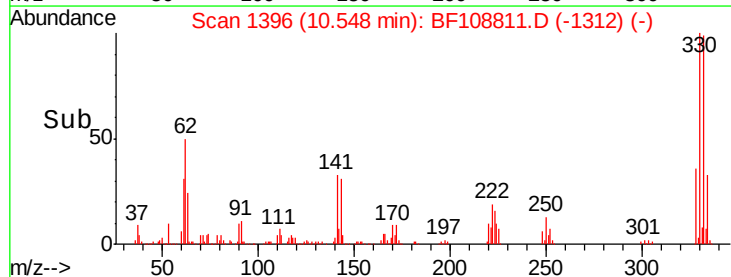
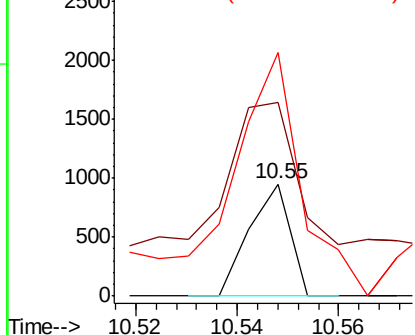


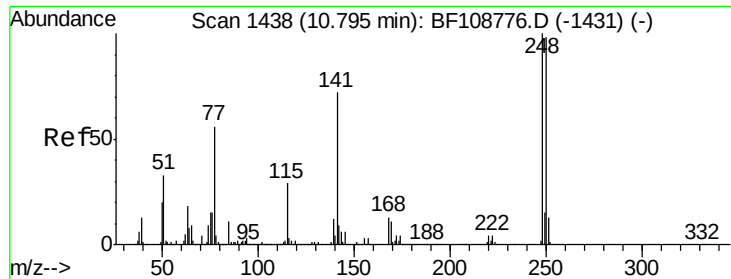
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.029 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108811.D
 Acq: 6 Sep 2018 8:31

Tgt Ion:198 Resp: 536
 Ion Ratio Lower Upper
 198 100
 51 173.1 37.7 77.7#
 105 217.0 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

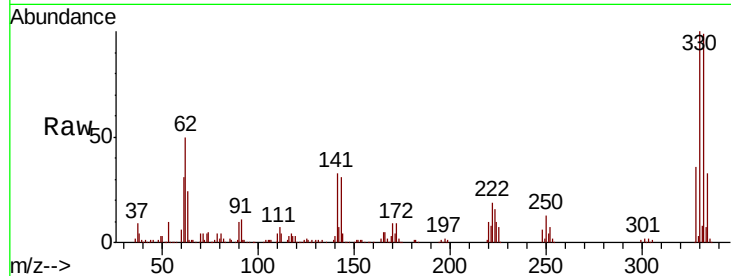




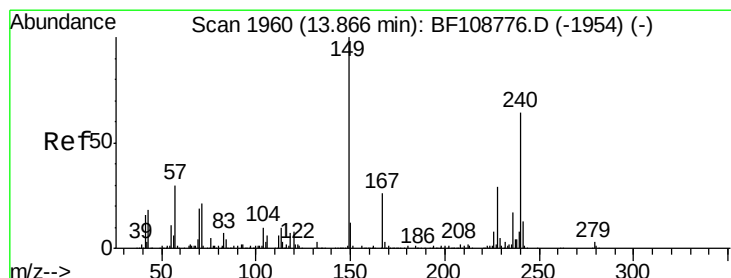
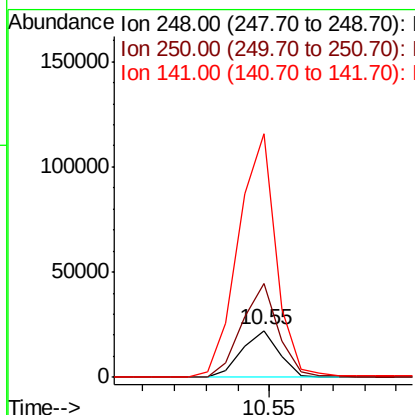
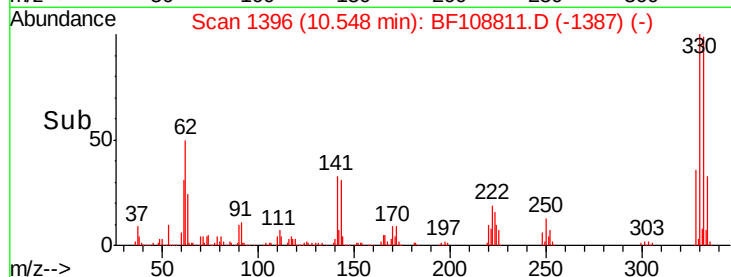
#66
4-Bromophenyl-phenylether
Concen: 2.195 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108811.D
Acq: 6 Sep 2018 8:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17987
Ion Ratio Lower Upper
248 100
250 202.9 76.9 115.3#
141 522.8 74.4 111.6#

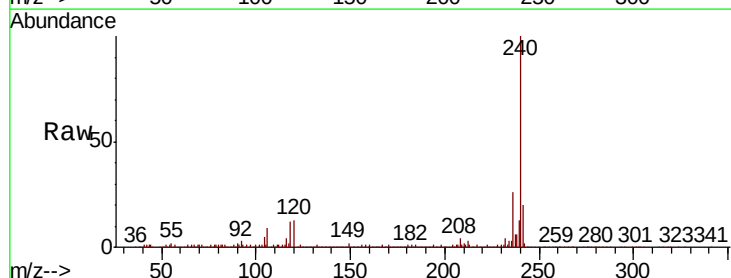


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

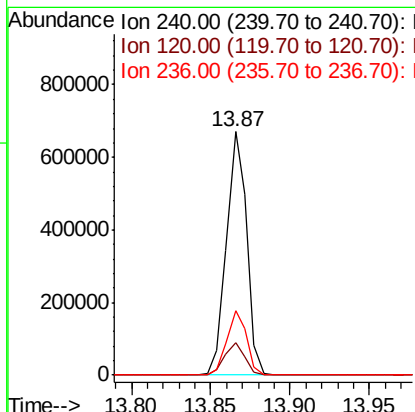
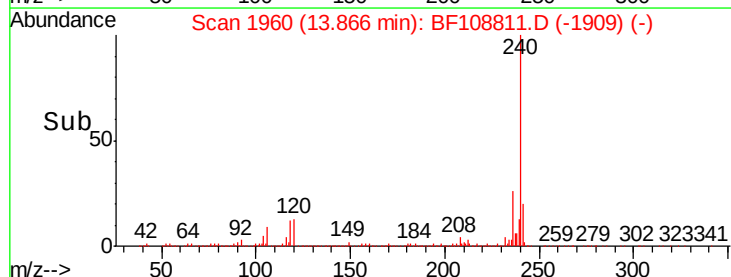


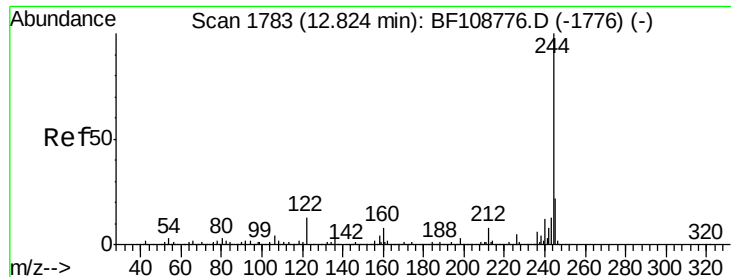
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108811.D
Acq: 6 Sep 2018 8:31

Tgt Ion:240 Resp: 593721
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 26.4 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: 47.265 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108811.D

Acq: 6 Sep 2018 8:31

Instrument :

BNA_F

ClientSampleId :

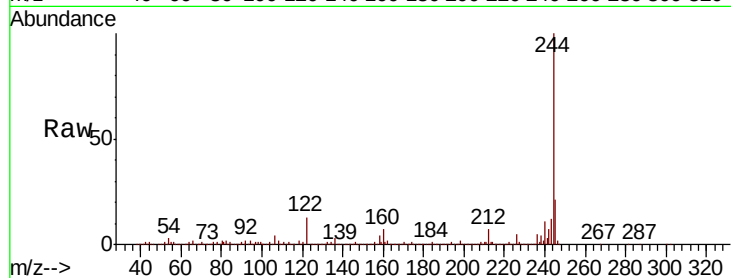
Tot Ion:244 Resp: 1203393

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

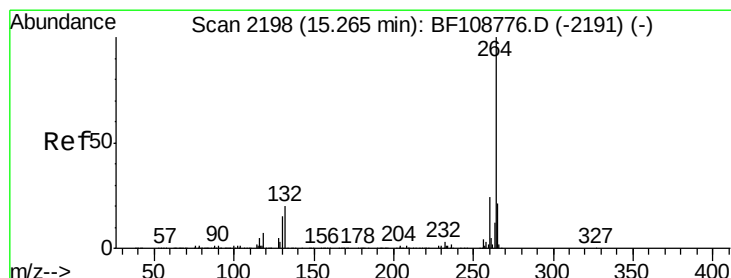
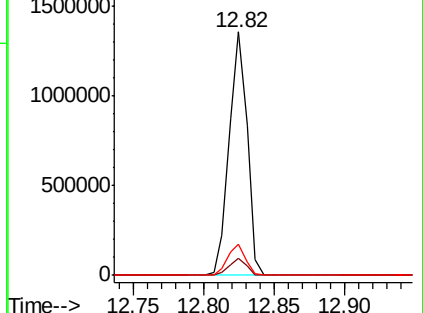
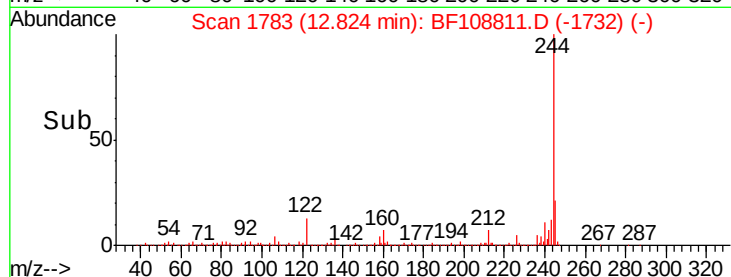
122 12.8 11.0 16.4



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: 15.27 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF108811.D

Acq: 6 Sep 2018 8:31

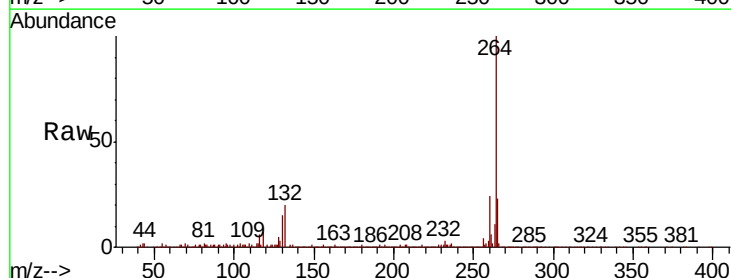
Tgt Ion:264 Resp: 601466

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.9 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

