

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108814.D
 Acq On : 6 Sep 2018 9:51
 Operator : JU/SJ
 Sample : J4724-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 10:54:07 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

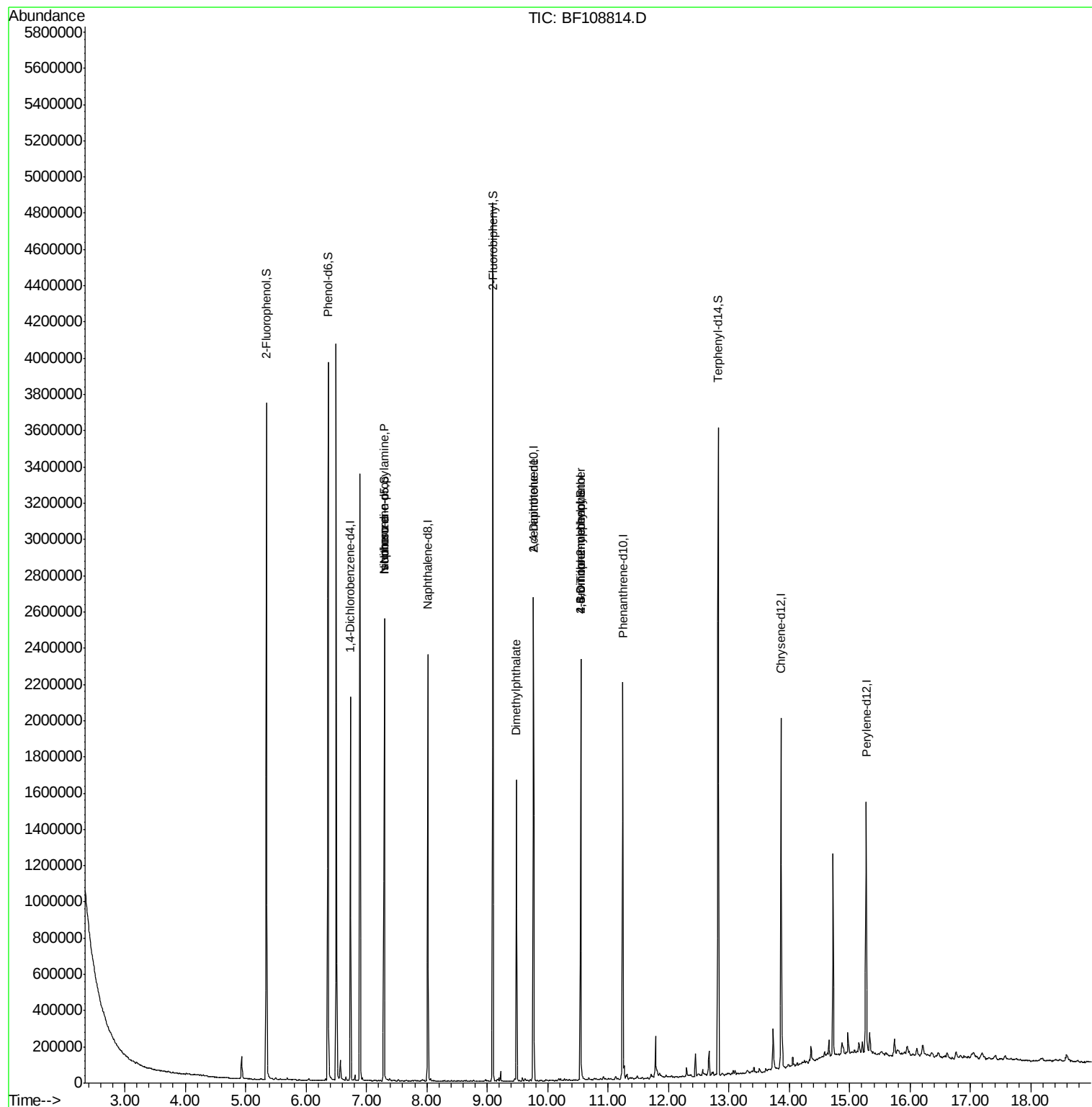
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	273613	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1032901	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	451056	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	708371	20.00	ng	0.00
75) Chrysene-d12	13.87	240	581639	20.00	ng	0.00
86) Perylene-d12	15.27	264	578942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1087447	65.84	ng	0.01
7) Phenol-d6	6.37	99	1399767	65.87	ng	0.00
23) Nitrobenzene-d5	7.30	82	840581	50.93	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	273018	63.40	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1530307	57.88	ng	0.00
78) Terphenyl-d14	12.82	244	1116887	44.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	114528	7.753	ng	# 76
25) Isophorone	7.30	82	833119	25.306	ng	# 64
49) Dimethylphthalate	9.48	163	575116	18.230	ng	100
56) 2,4-Dinitrotoluene	9.77	165	59052	7.681	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	467	7.012	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	16580	2.072	ng	# 1

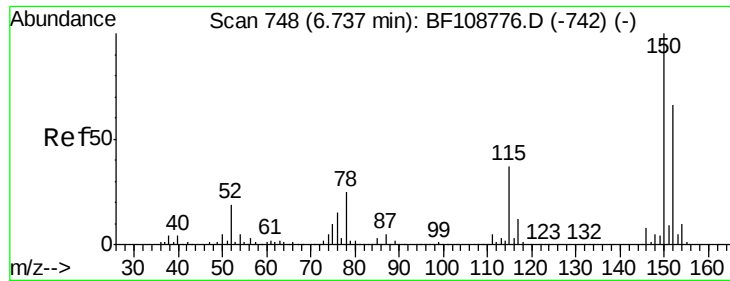
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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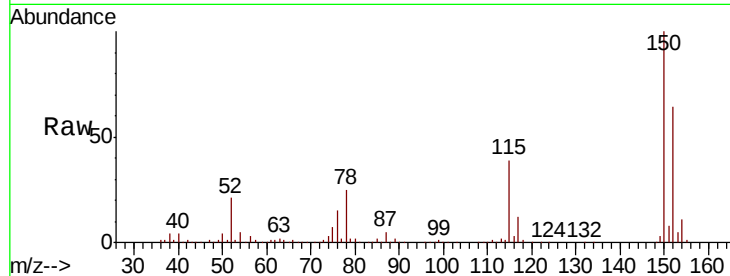


#1

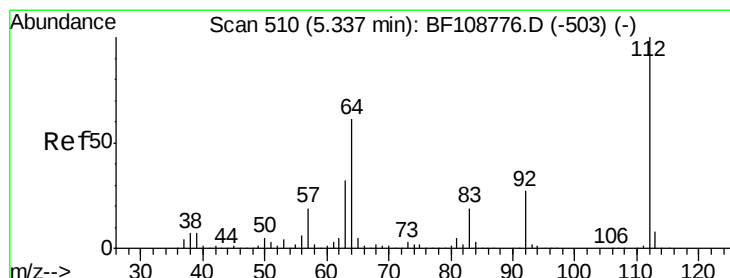
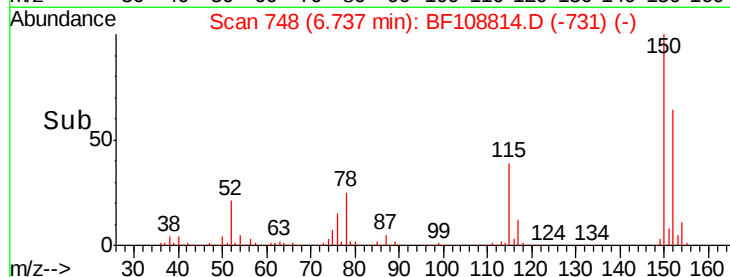
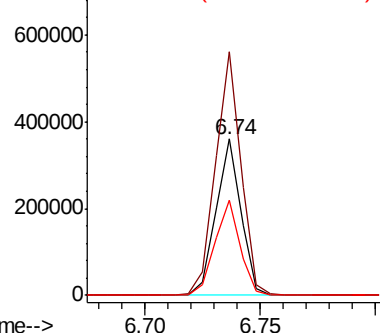
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108814.D
Acq: 6 Sep 2018 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 273613
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 60.5 50.1 75.1



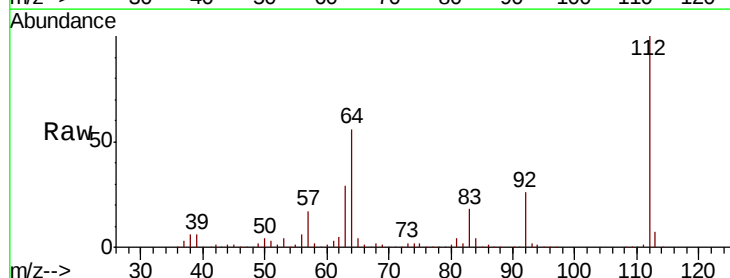
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



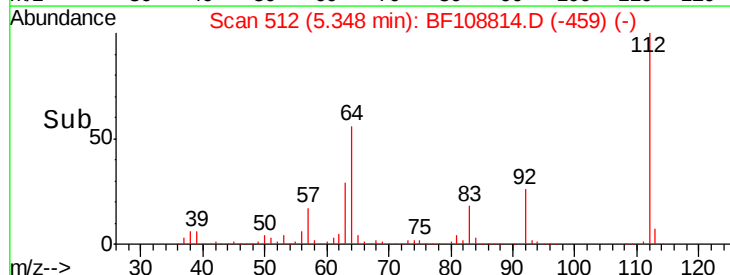
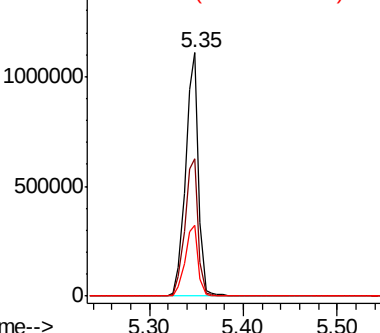
#5

2-Fluorophenol
Concen: 65.843 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108814.D
Acq: 6 Sep 2018 9:51

Tgt Ion:112 Resp: 1087447
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 28.9 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: 65.871 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108814.D

Acq: 6 Sep 2018 9:51

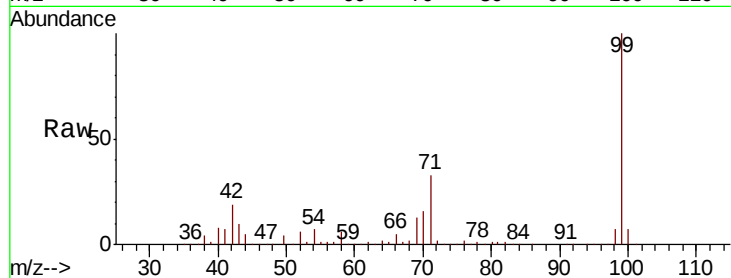
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1399767

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	33.4	25.4	38.0

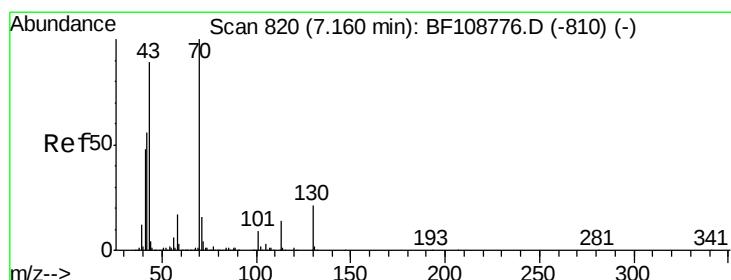
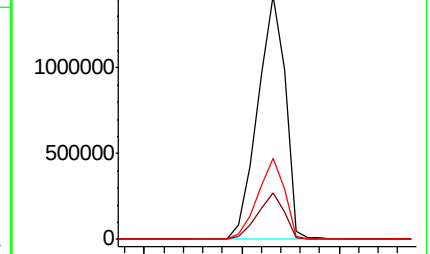
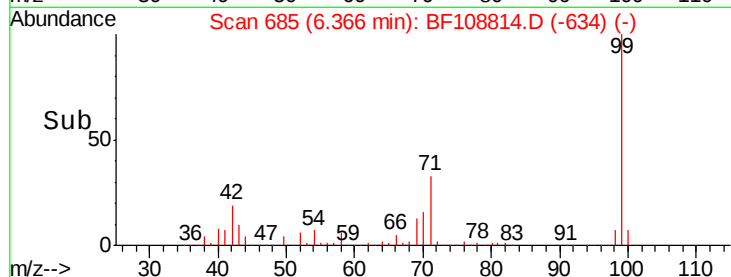


Abundance

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: 7.753 ng

RT: 7.30 min Scan# 843

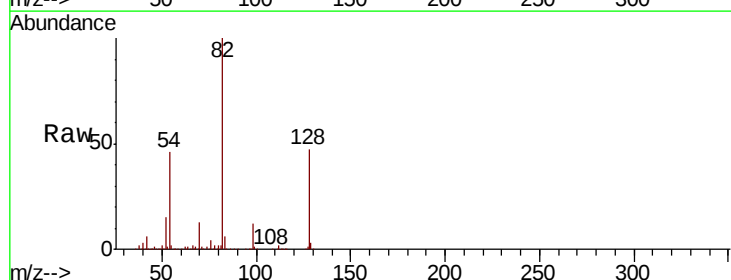
Delta R.T. 0.14 min

Lab File: BF108814.D

Acq: 6 Sep 2018 9:51

Tgt Ion: 70 Resp: 114528

Ion	Ratio	Lower	Upper
70	100		
42	45.5	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



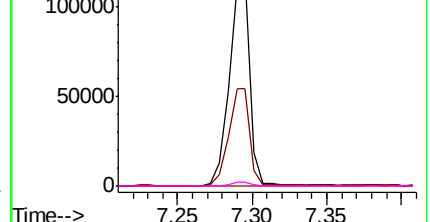
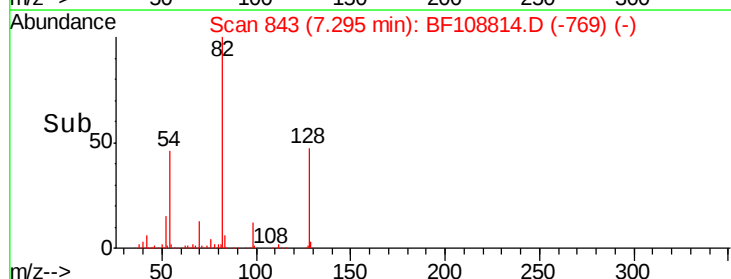
Abundance

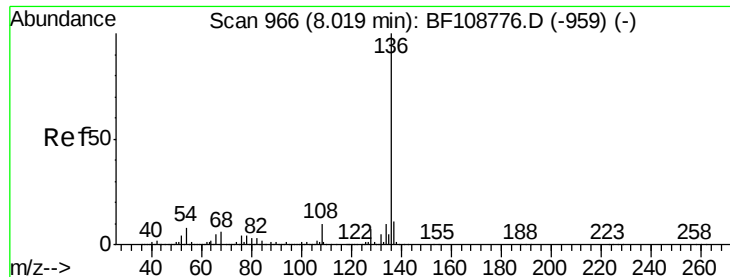
Ion 70.00 (69.70 to 70.70): BF1

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

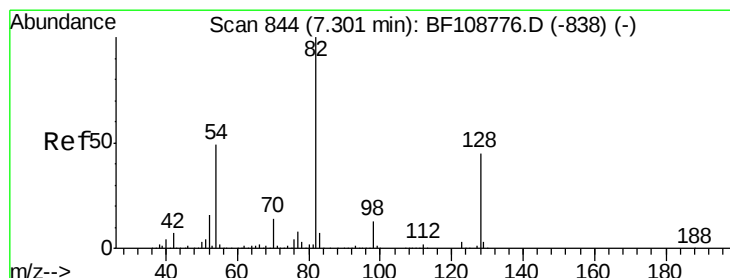
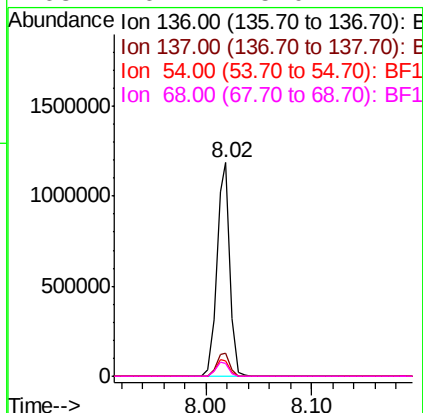
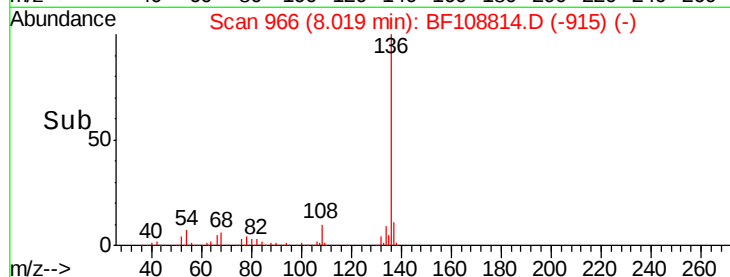
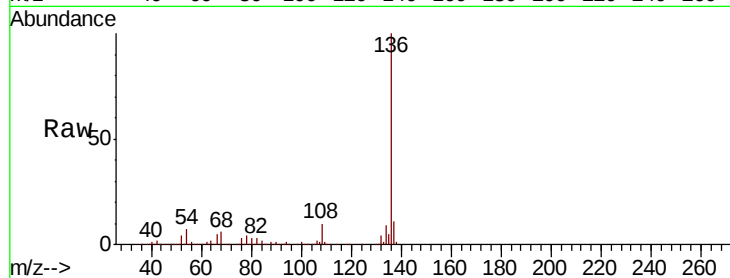




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108814.D
Acq: 6 Sep 2018 9:51

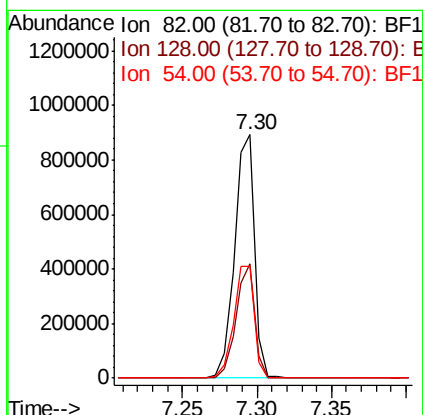
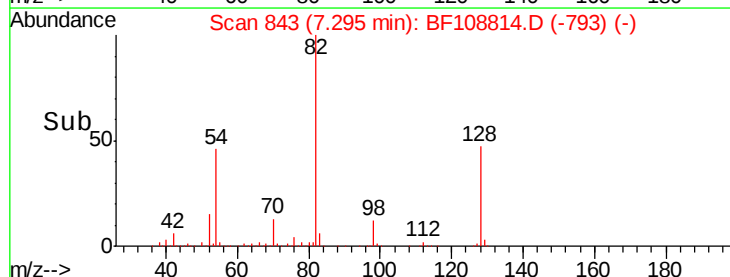
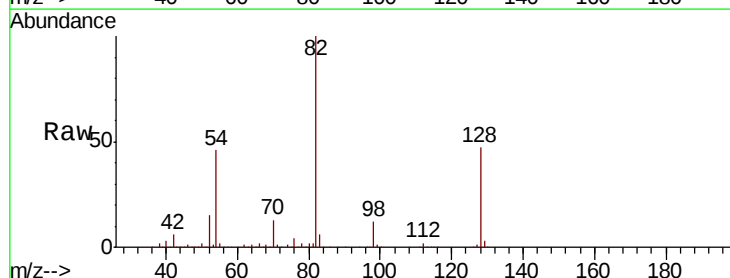
Instrument :
BNA_F
ClientSampleId :

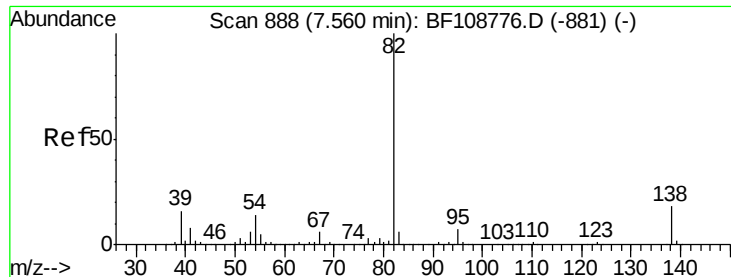
Tot Ion:136	Resp: 1032901
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 7.3	6.6 9.8
68 6.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 50.929 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108814.D
Acq: 6 Sep 2018 9:51

Tgt Ion: 82	Resp: 840581
Ion Ratio	Lower Upper
82 100	
128 47.1	36.1 54.1
54 45.7	41.4 62.2





#25

Isophorone

Concen: 25.306 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108814.D

Acq: 6 Sep 2018 9:51

Instrument :

BNA_F

ClientSampled :

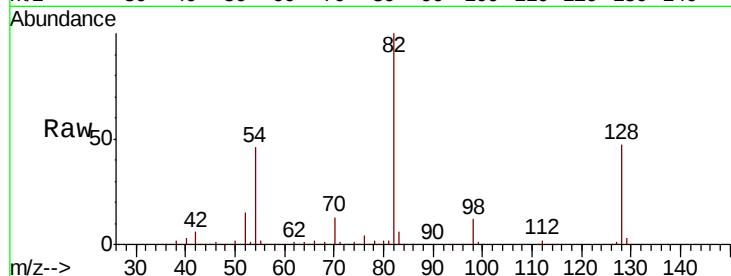
Tot Ion: 82 Resp: 833119

Ion Ratio Lower Upper

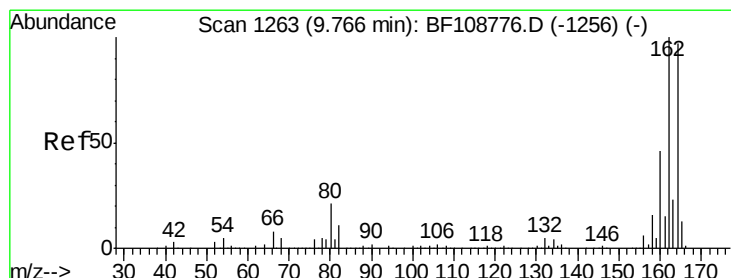
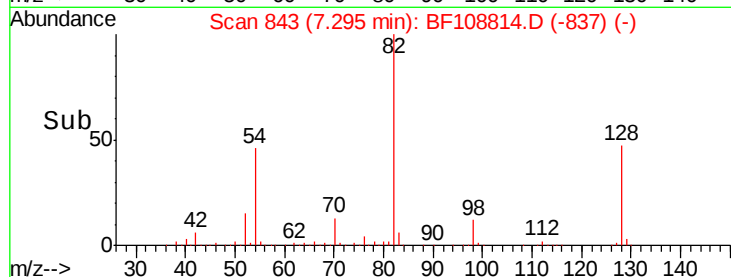
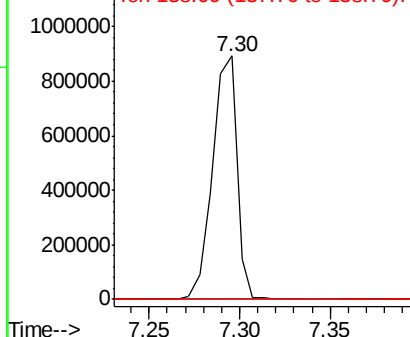
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF108814.D

Acq: 6 Sep 2018 9:51

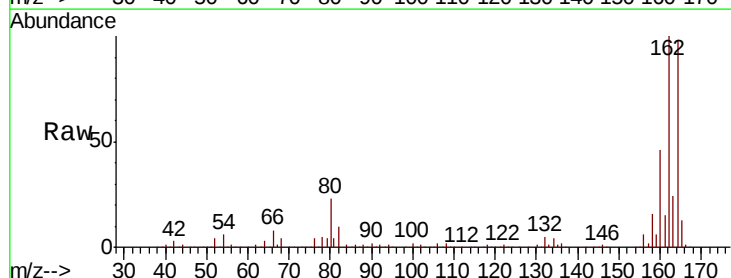
Tgt Ion:164 Resp: 451056

Ion Ratio Lower Upper

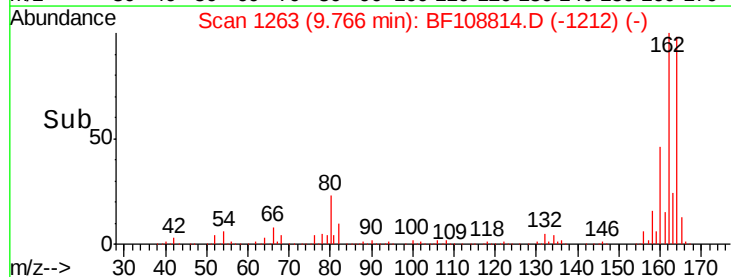
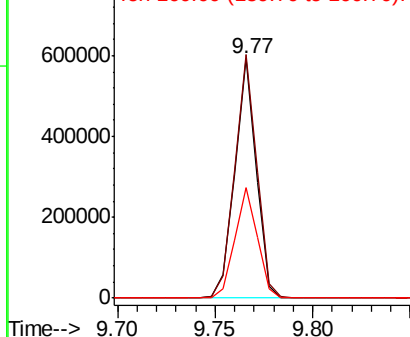
164 100

162 101.7 86.1 129.1

160 46.3 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: 63.404 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF108814.D

Acq: 6 Sep 2018 9:51

Instrument :

BNA_F

ClientSampleId :

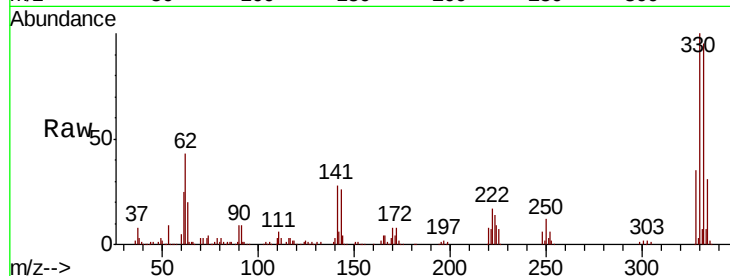
Tot Ion:330 Resp: 273018

Ion Ratio Lower Upper

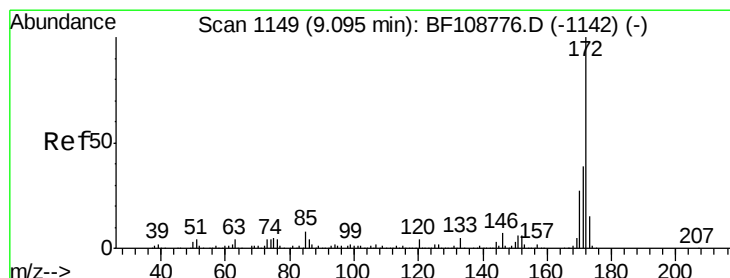
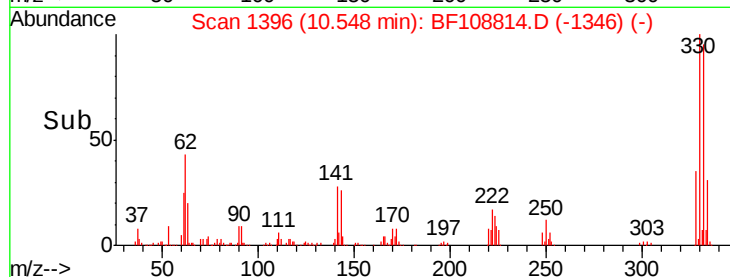
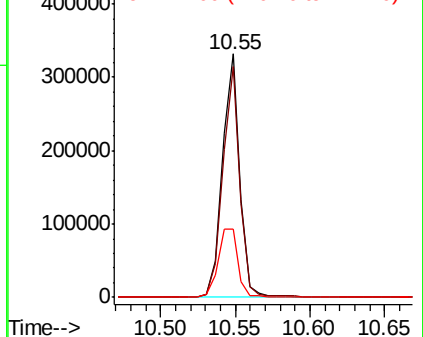
330 100

332 94.0 77.0 115.6

141 32.3 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: 57.879 ng

RT: 9.10 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF108814.D

Acq: 6 Sep 2018 9:51

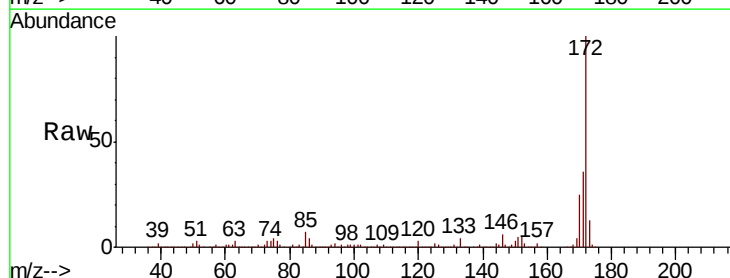
Tgt Ion:172 Resp: 1530307

Ion Ratio Lower Upper

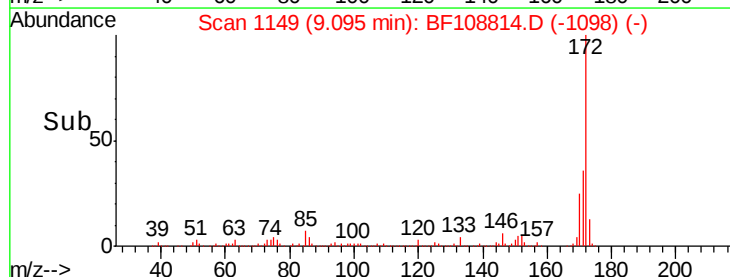
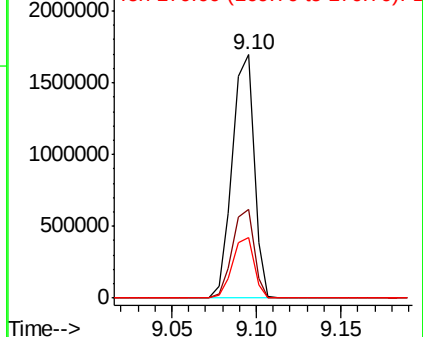
172 100

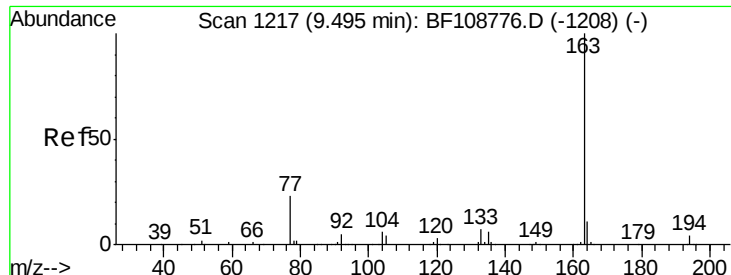
171 36.4 29.7 44.5

170 24.8 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

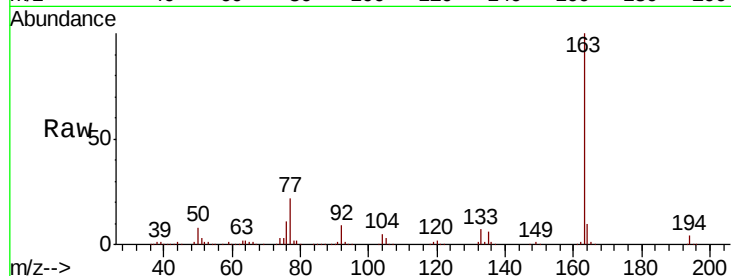




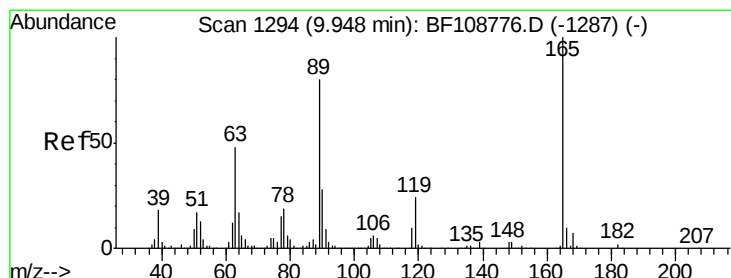
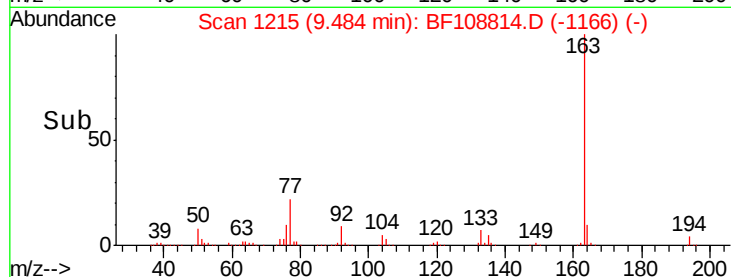
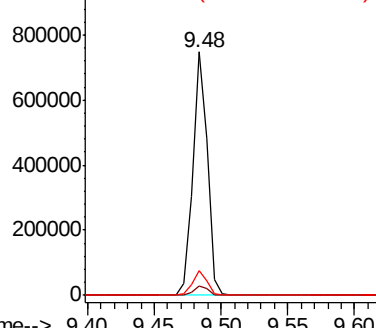
#49
Dimethylphthalate
Concen: 18.230 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108814.D
Acq: 6 Sep 2018 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.1	8.2	12.2



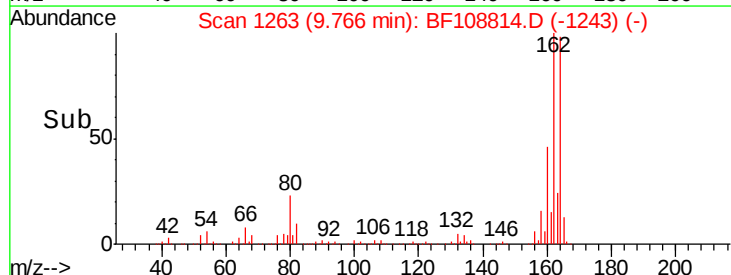
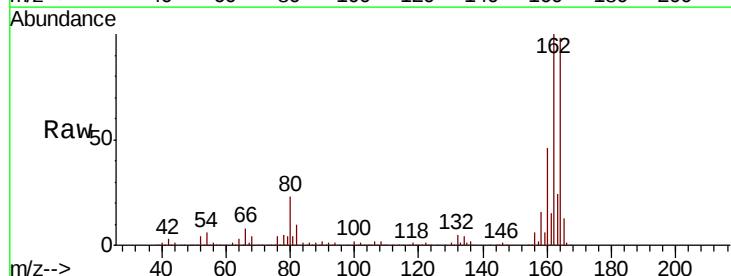
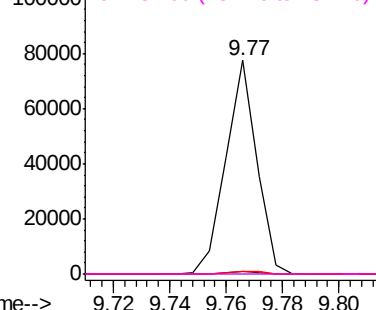
Abundance Ion 163.00 (162.70 to 163.70): E
1000000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

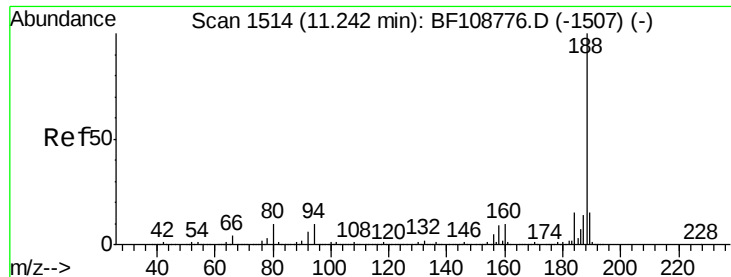


#56
2,4-Dinitrotoluene
Concen: 7.681 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108814.D
Acq: 6 Sep 2018 9:51

Tgt 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#

Abundance Ion 165.00 (164.70 to 165.70): E
120000 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

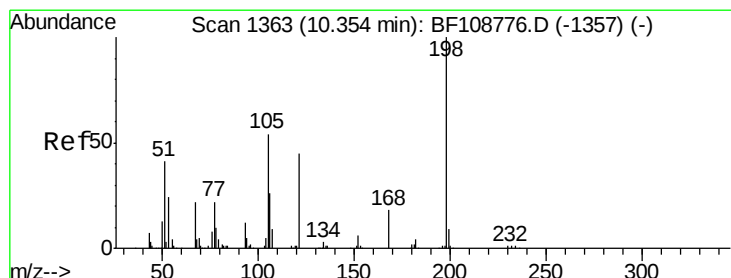
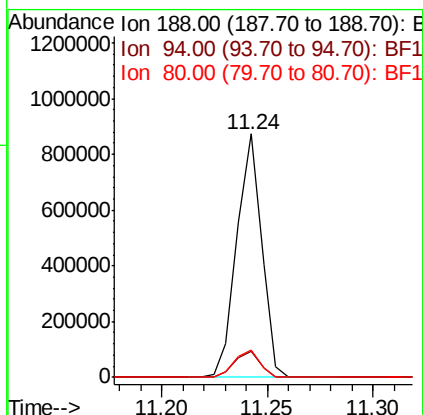
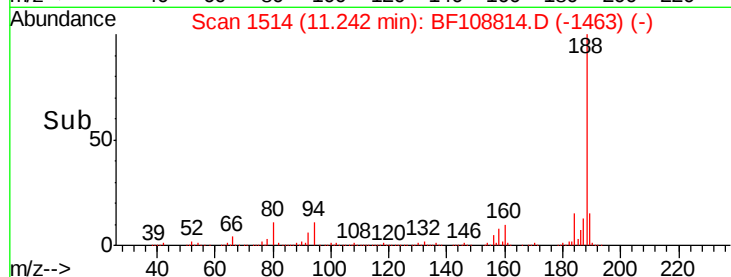
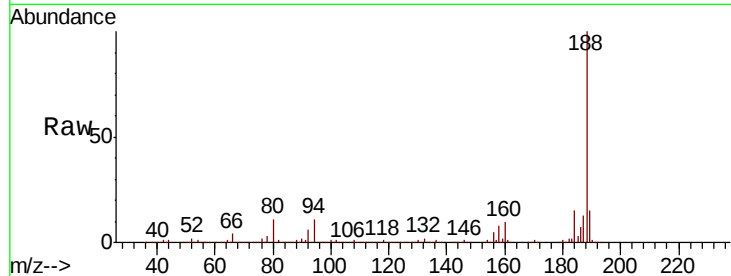




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108814.D
Acq: 6 Sep 2018 9:51

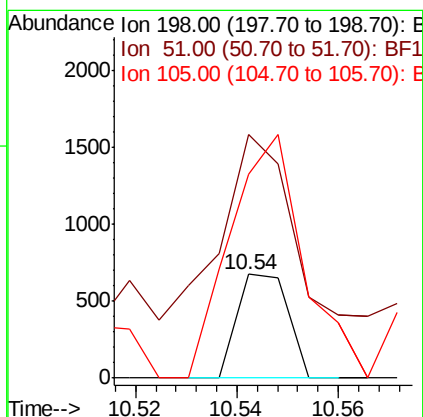
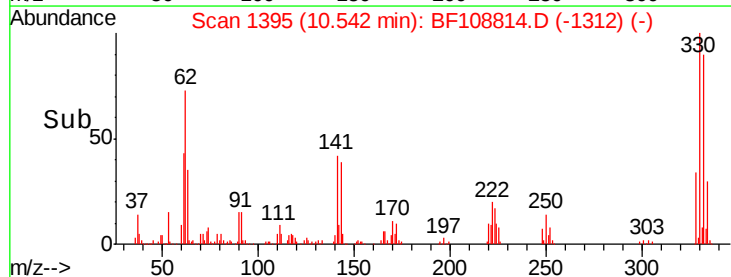
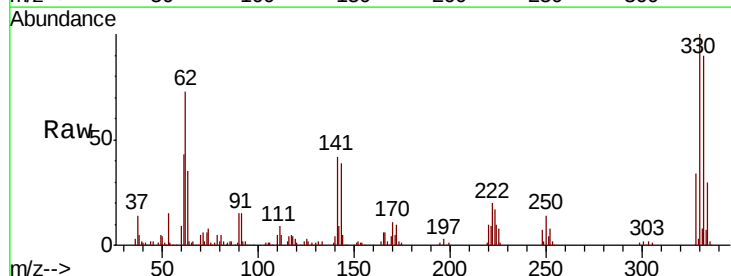
Instrument :
BNA_F
ClientSampled :

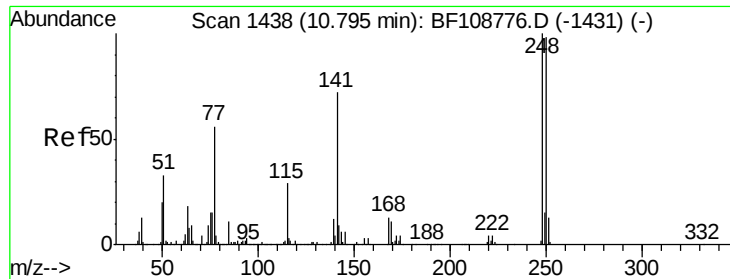
Tot Ion:188 Resp: 708371
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.012 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.19 min
Lab File: BF108814.D
Acq: 6 Sep 2018 9:51

Tgt Ion:198 Resp: 467
Ion Ratio Lower Upper
198 100
51 234.4 37.7 77.7#
105 196.6 36.3 76.3#

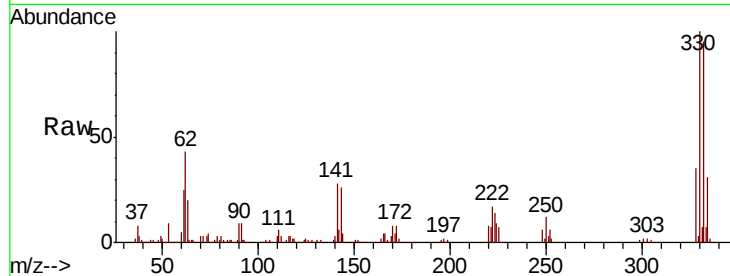




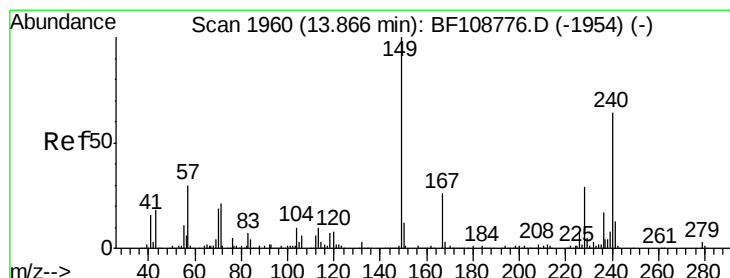
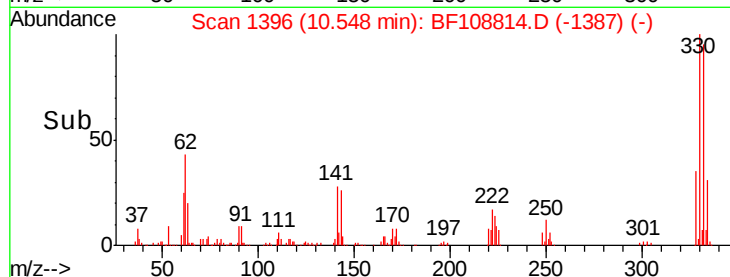
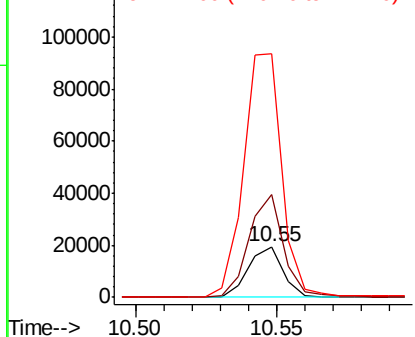
#66
4-Bromophenyl-phenylether
Concen: 2.072 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108814.D
Acq: 6 Sep 2018 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 16580
Ion Ratio Lower Upper
248 100
250 201.9 76.9 115.3#
141 479.2 74.4 111.6#

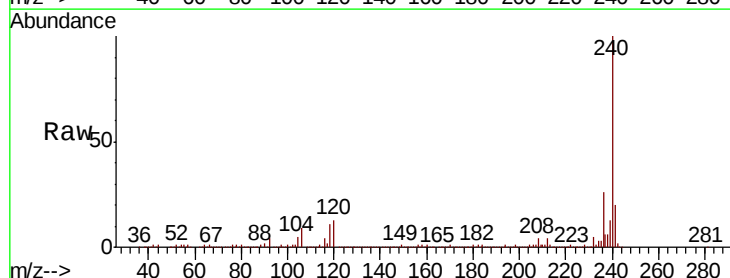


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

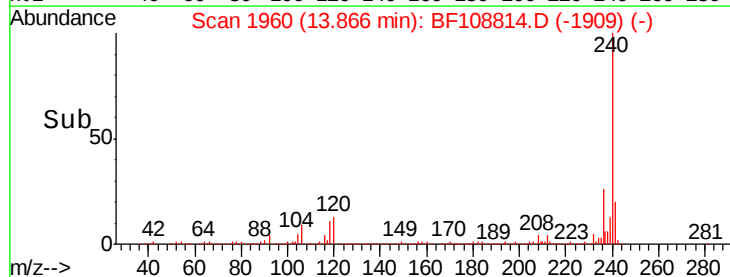
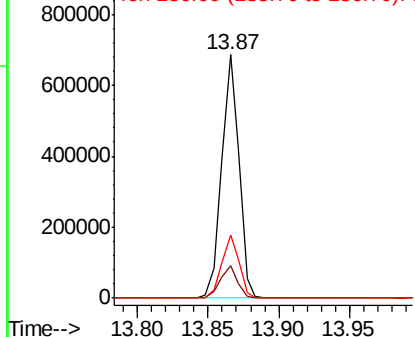


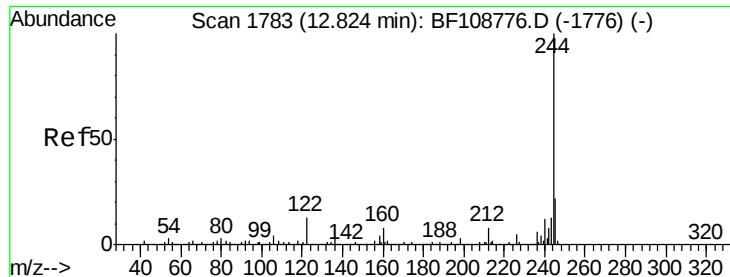
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BF108814.D
Acq: 6 Sep 2018 9:51

Tgt Ion:240 Resp: 581639
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 25.9 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



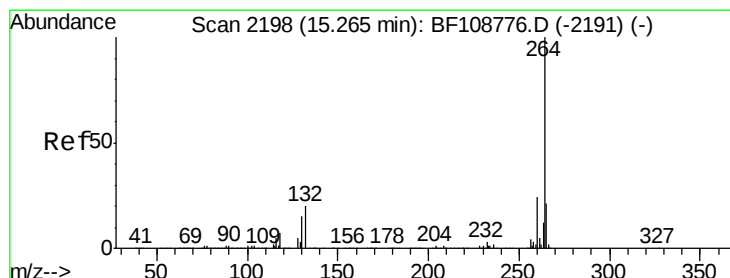
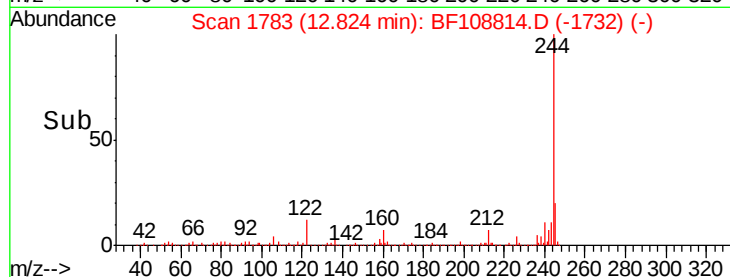
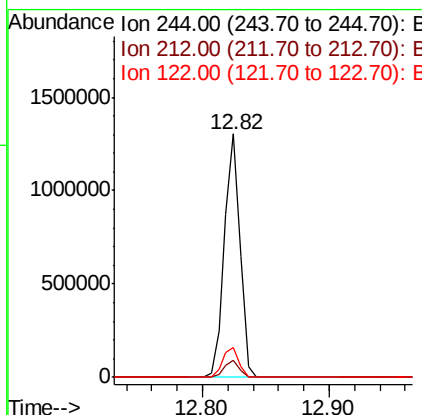
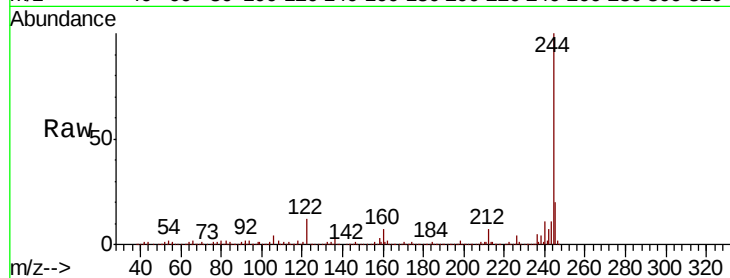


#78
 Terphenyl-d14
 Concen: 44.778 ng
 RT: 12.82 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF108814.D
 Acq: 6 Sep 2018 9:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1116887

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.3	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: BF108814.D
 Acq: 6 Sep 2018 9:51

Tgt Ion:264 Resp: 578942

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3

