

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
 Data File : BF108577.D
 Acq On : 29 Aug 2018 1:34
 Operator : JU/SJ
 Sample : J4660-05RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Aug 29 05:37:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	106933	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	390320	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	171517	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	280500	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	265720	20.00	ng	0.00
86) Perylene-d12	15.75	264	206058	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	271813	46.02	ng	0.00
7) Phenol-d6	6.63	99	235536	30.01	ng	0.00
23) Nitrobenzene-d5	7.57	82	757360	108.27	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	160818	94.00	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1353682	126.71	ng	-0.01
78) Terphenyl-d14	13.12	244	1082861	103.61	ng	0.00

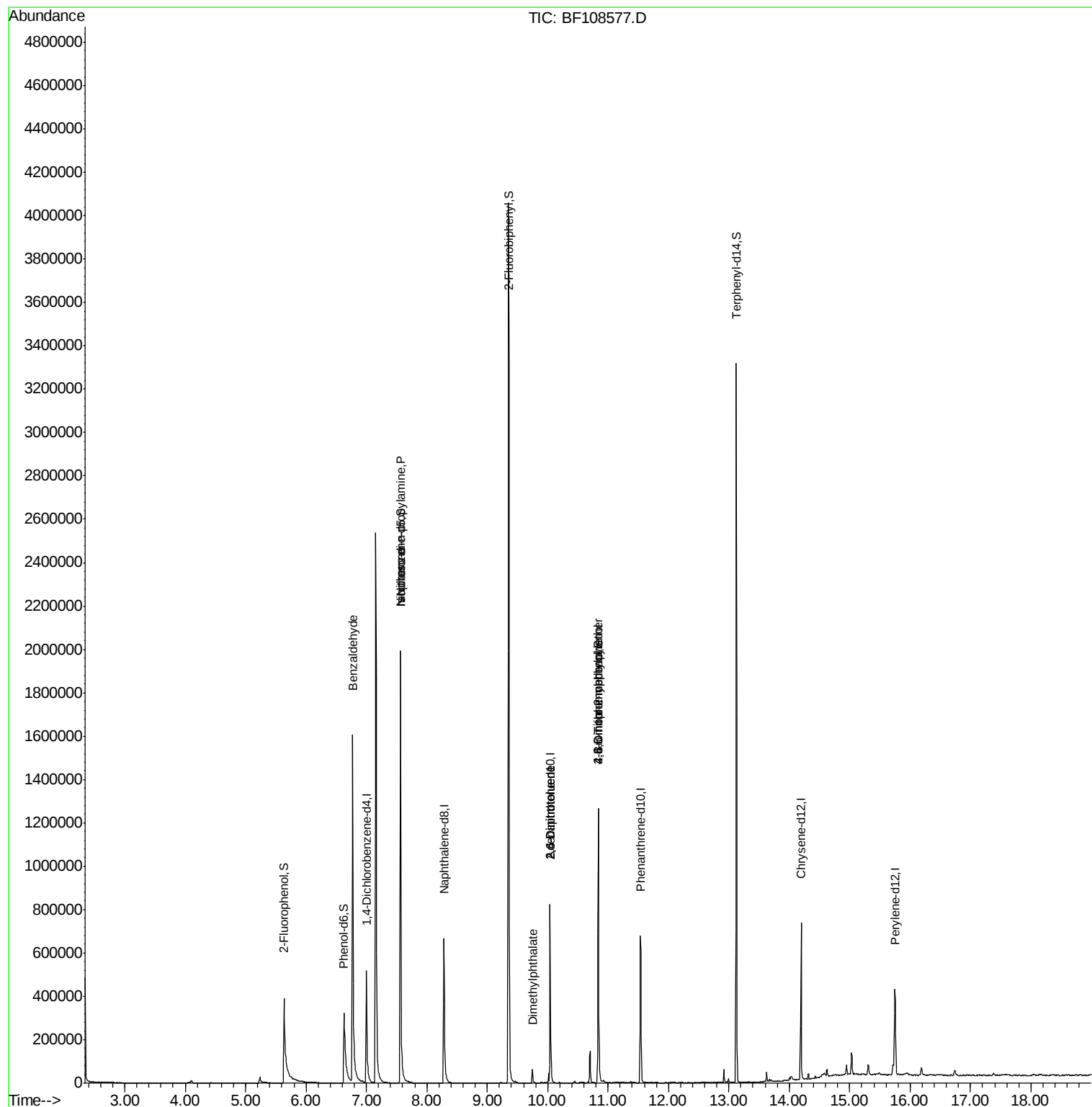
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.77	77	12581	2.067	ng	# 75
19) n-Nitroso-di-n-propylamine	7.57	70	101497	19.123	ng	# 82
25) Isophorone	7.57	82	757356	56.806	ng	# 64
49) Dimethylphthalate	9.75	163	35214	2.947	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	22176	8.872	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	22176	6.892	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	118	5.458	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	10862	3.563	ng	# 1

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

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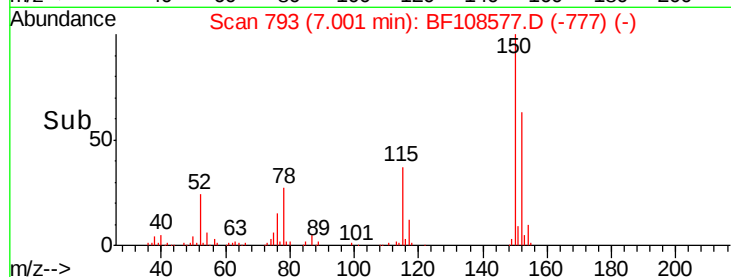
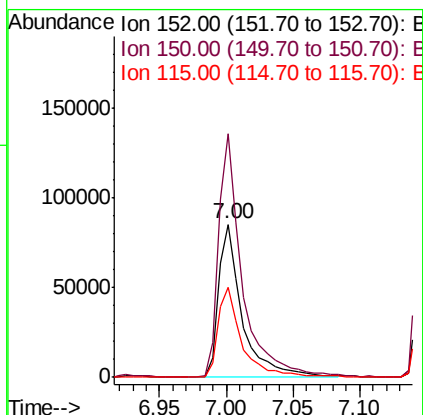
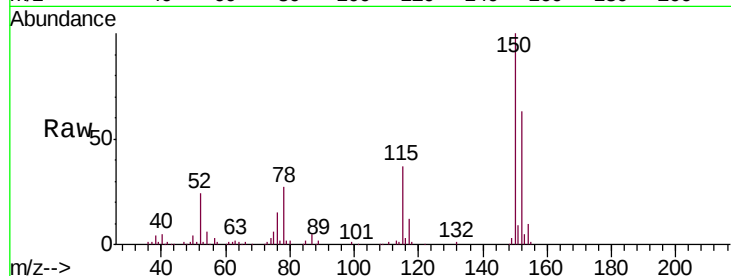


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108577.D
Acq: 29 Aug 2018 1:34

Instrument :
BNA_F
ClientSampleId :
DFTPP

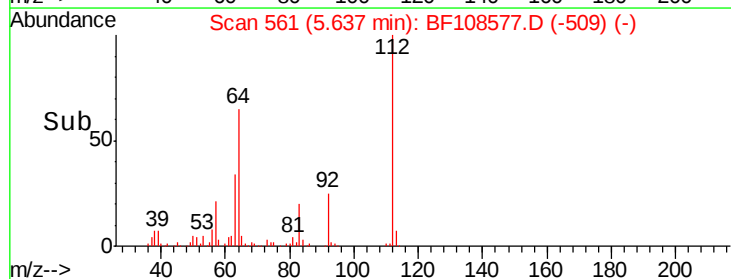
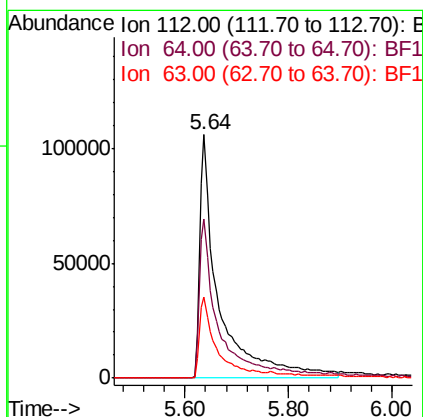
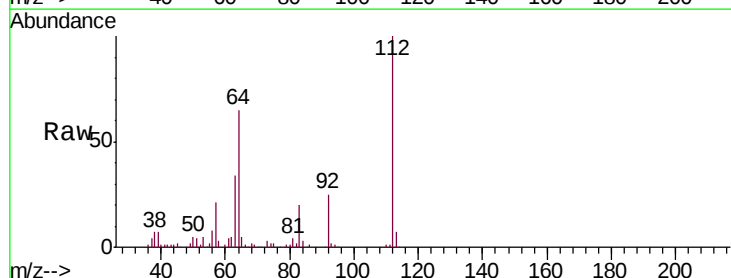
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	59.0	50.1	75.1



#5

2-Fluorophenol
Concen: 46.020 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108577.D
Acq: 29 Aug 2018 1:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	33.5	23.7	35.5





#7

Phenol-d6

Concen: 30.009 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108577.D

Acq: 29 Aug 2018 1:34

Instrument :

BNA_F

ClientSampled :

DFTPP

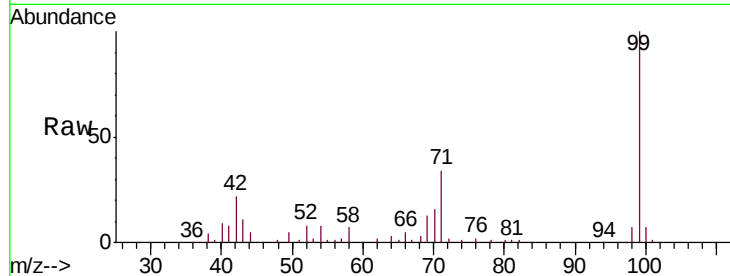
Tgt Ion: 99 Resp: 23536

Ion Ratio Lower Upper

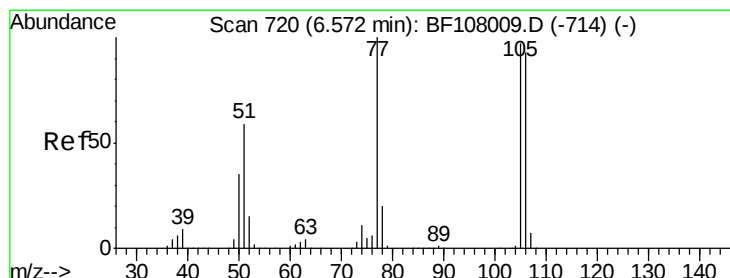
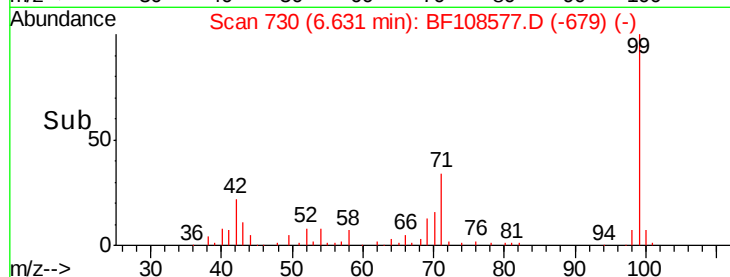
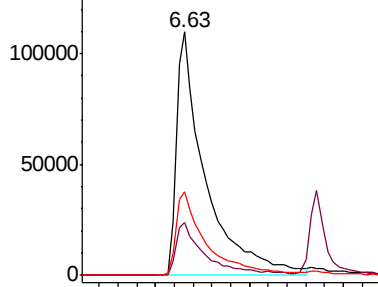
99 100

42 21.7 14.5 21.7

71 34.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
150000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.067 ng

RT: 6.77 min Scan# 754

Delta R.T. 0.21 min

Lab File: BF108577.D

Acq: 29 Aug 2018 1:34

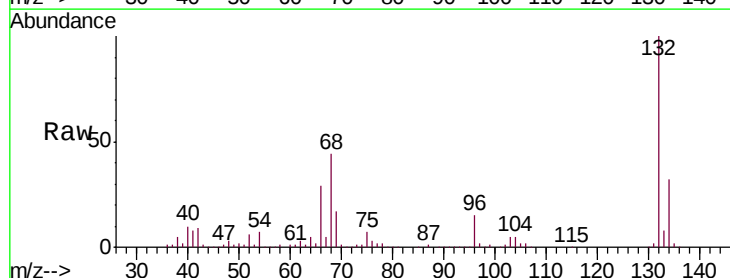
Tgt Ion: 77 Resp: 12581

Ion Ratio Lower Upper

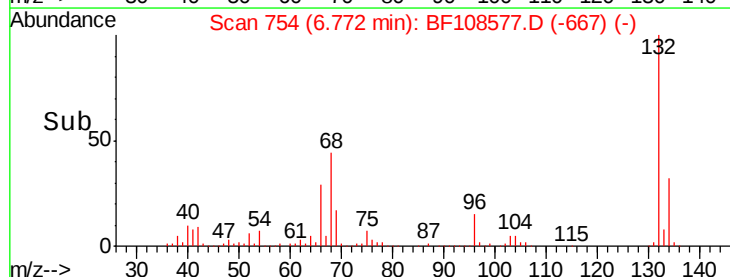
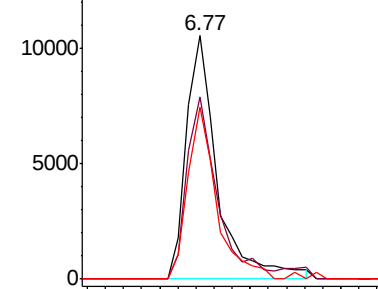
77 100

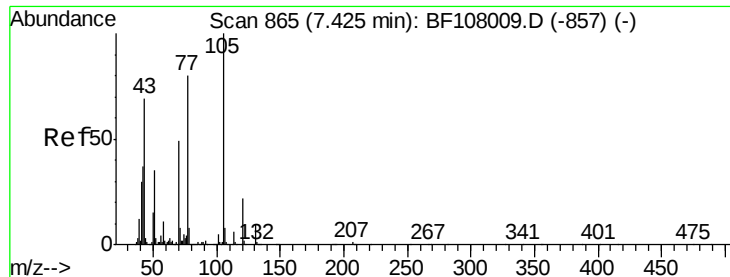
105 74.8 81.1 121.1#

106 70.7 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
10000
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

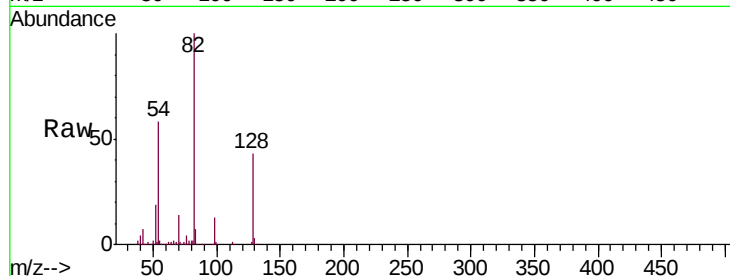




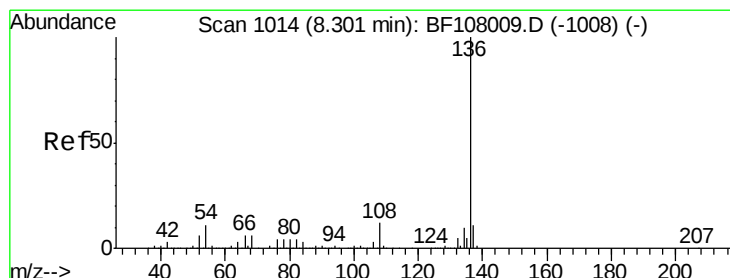
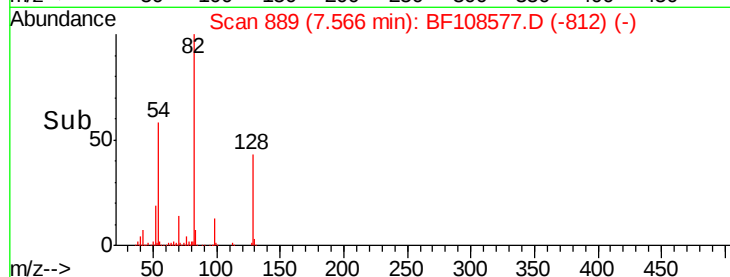
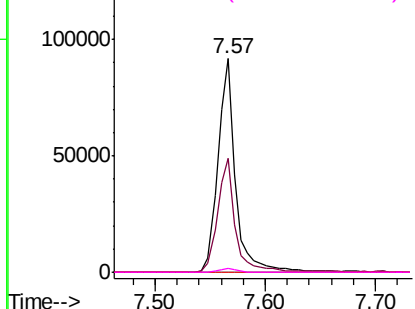
#19
n-Nitroso-di-n-propylamine
Concen: 19.123 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108577.D
Acq: 29 Aug 2018 1:34

Instrument :
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Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.1	47.5	71.3
101	0.0	7.4	11.2
130	1.6	16.6	25.0

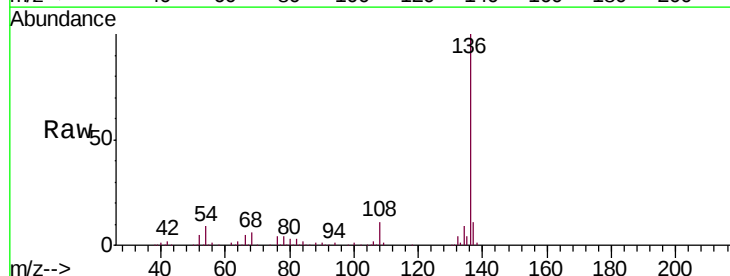


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

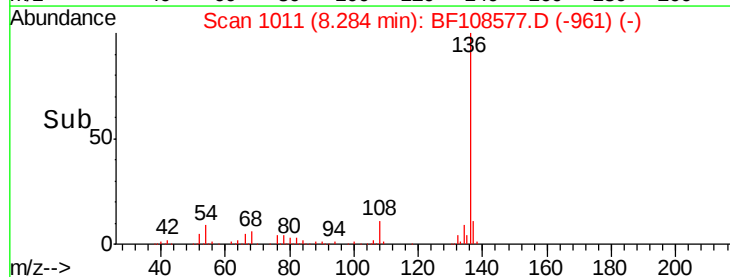
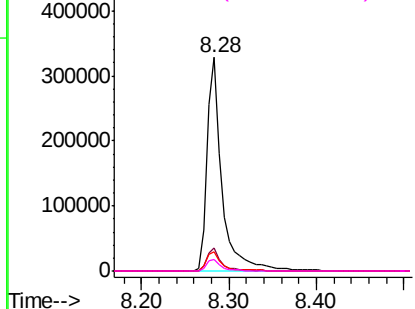


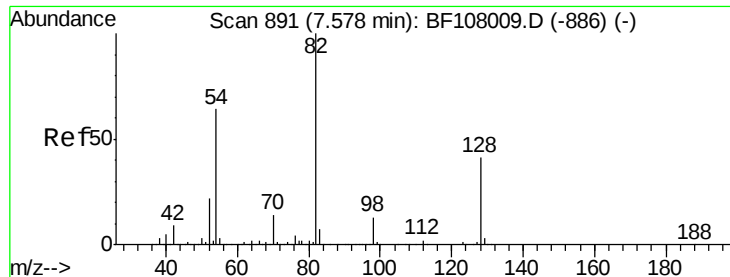
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108577.D
Acq: 29 Aug 2018 1:34

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.0	6.6	9.8
68	5.6	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

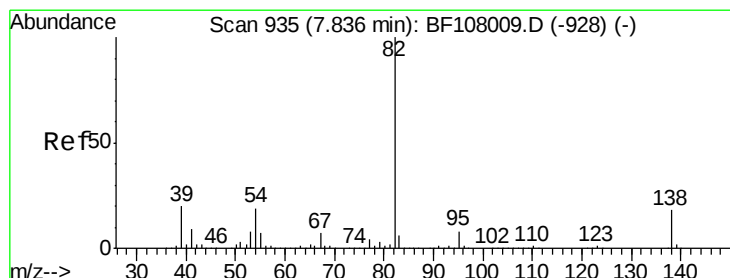
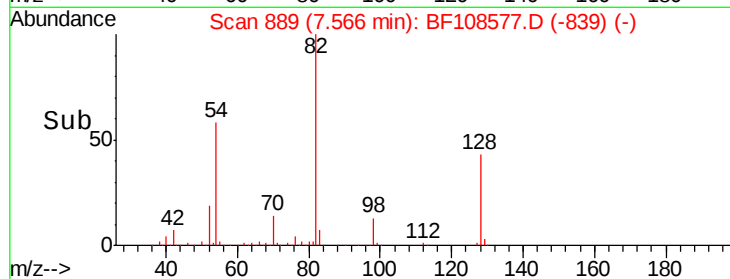
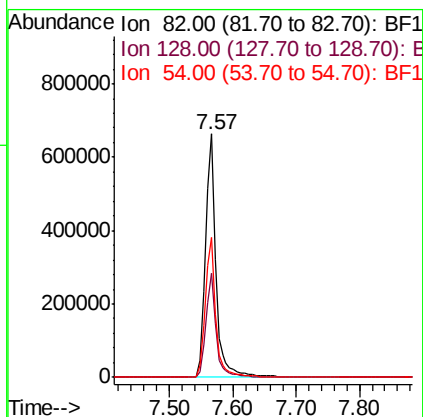
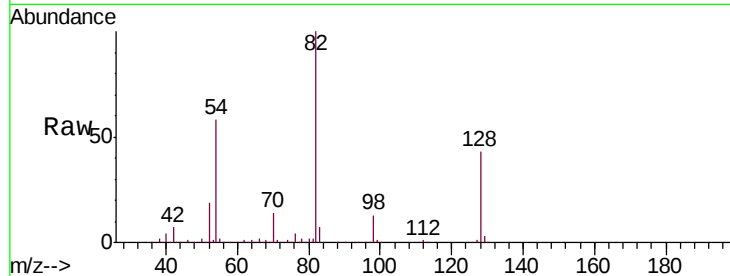




#23
 Nitrobenzene-d5
 Concen: 108.275 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108577.D
 Acq: 29 Aug 2018 1:34

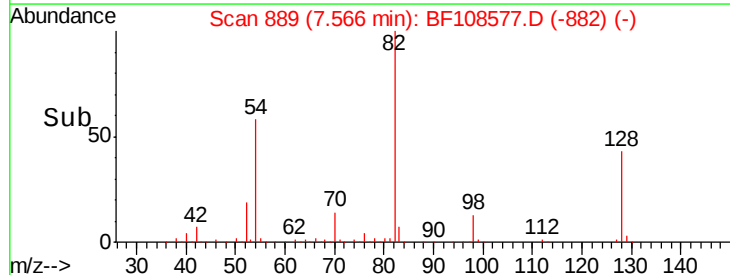
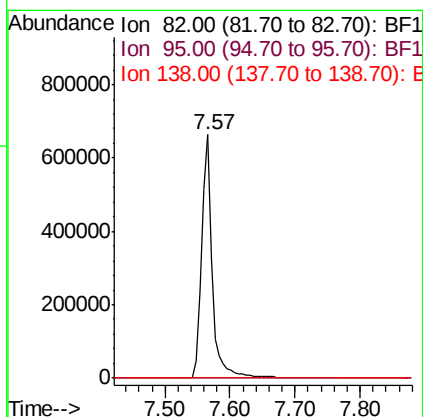
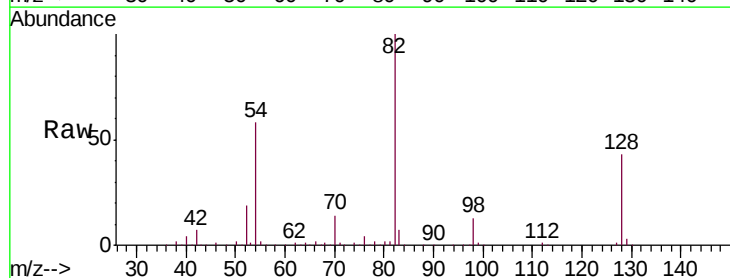
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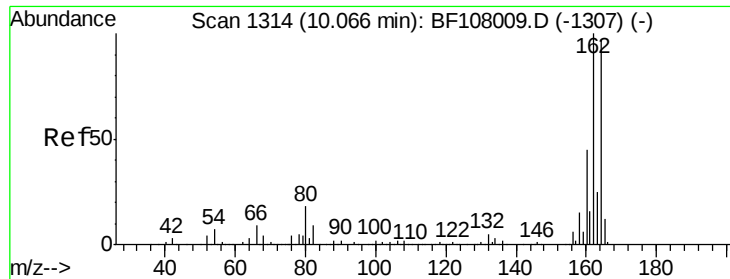
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	57.6	41.4	62.2



#25
 Isophorone
 Concen: 56.806 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.26 min
 Lab File: BF108577.D
 Acq: 29 Aug 2018 1:34

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

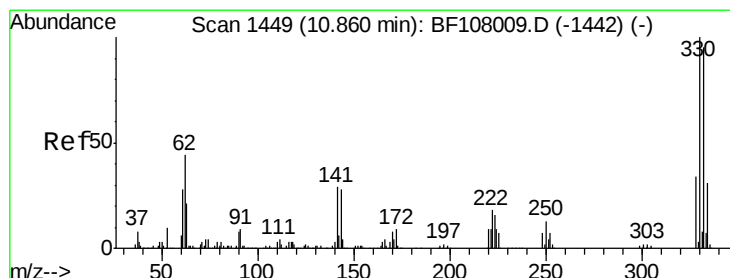
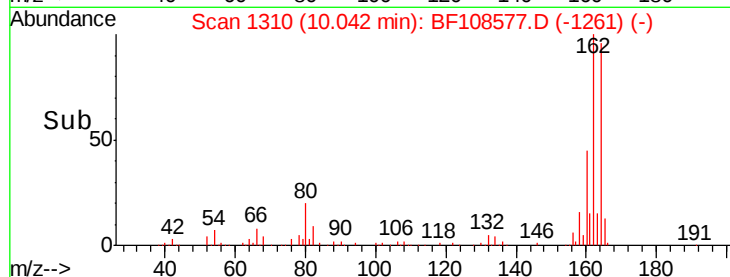
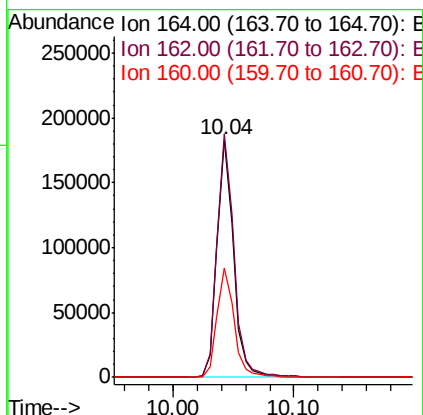
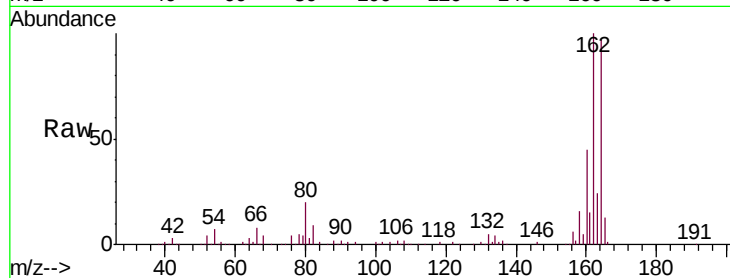




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108577.D
Acq: 29 Aug 2018 1:34

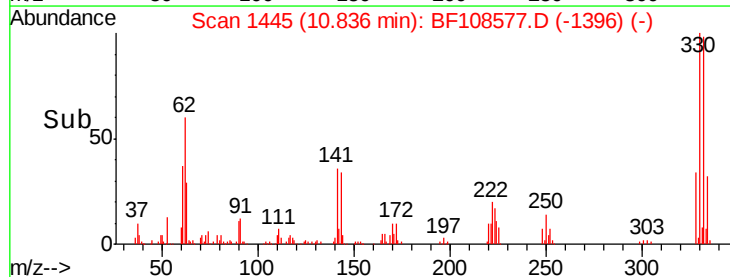
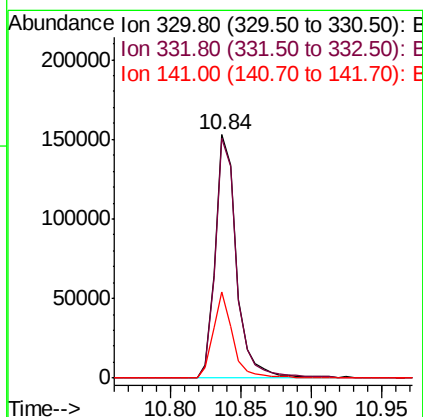
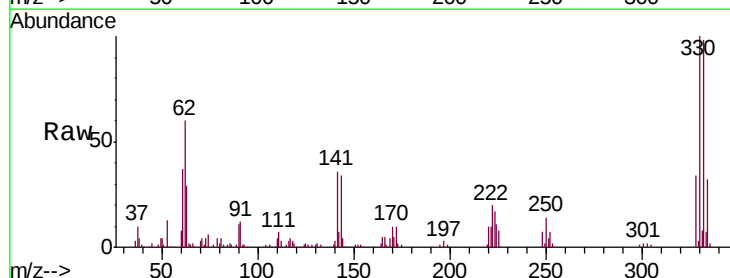
Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:164 Resp: 171517
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 46.2 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 94.000 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108577.D
Acq: 29 Aug 2018 1:34

Tgt Ion:330 Resp: 160818
Ion Ratio Lower Upper
330 100
332 99.2 77.0 115.6
141 33.0 29.9 44.9

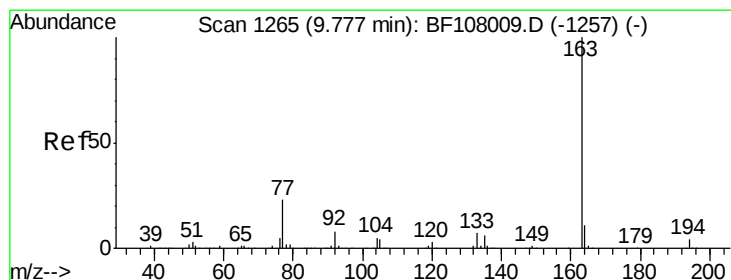
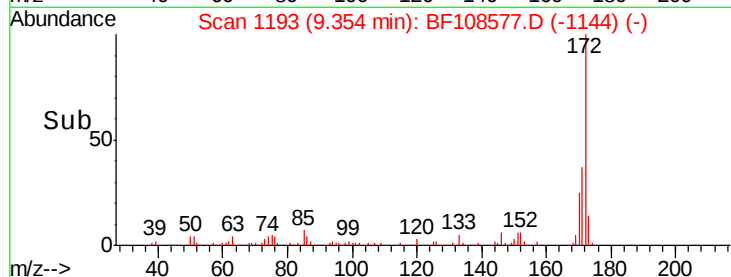
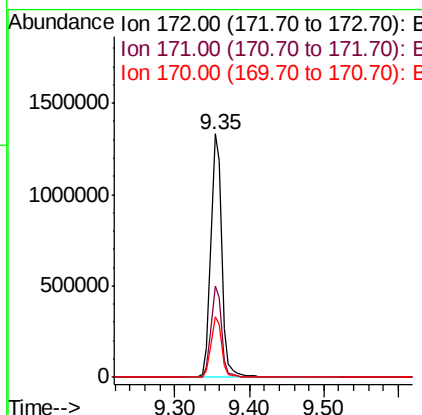
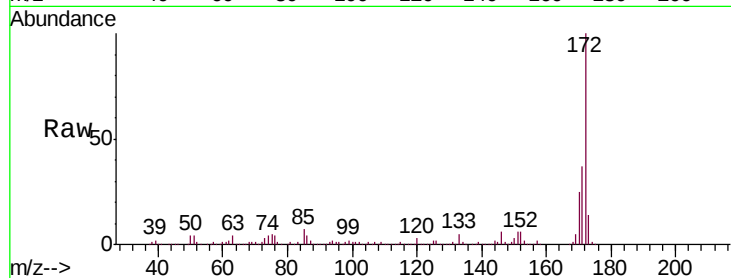




#44
 2-Fluorobiphenyl
 Concen: 126.710 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108577.D
 Acq: 29 Aug 2018 1:34

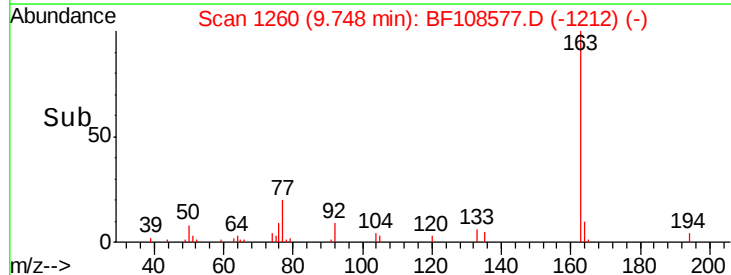
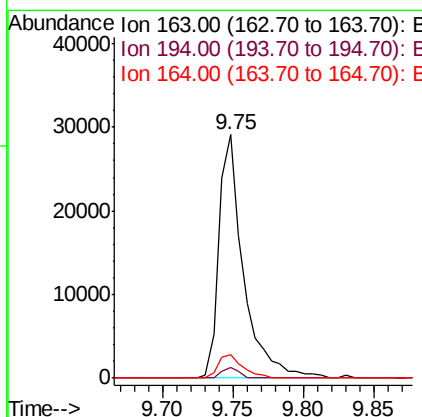
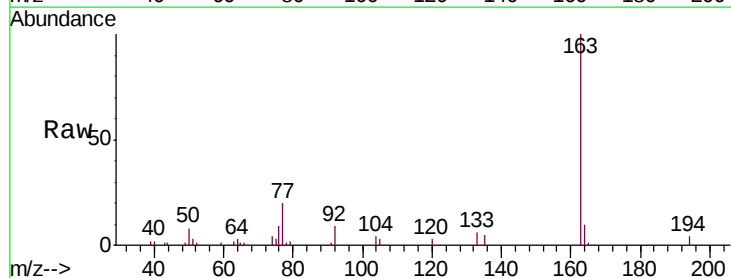
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

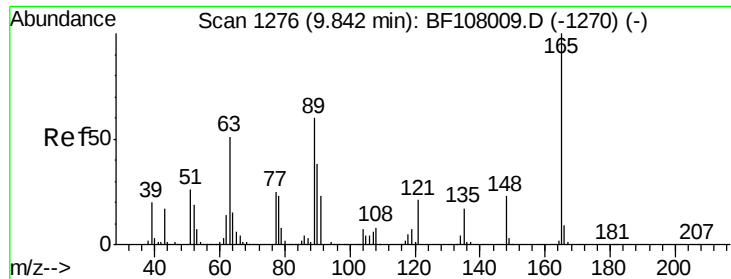
Tgt Ion:172 Resp: 1353682
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 24.8 19.6 29.4



#49
 Dimethylphthalate
 Concen: 2.947 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF108577.D
 Acq: 29 Aug 2018 1:34

Tgt Ion:163 Resp: 35214
 Ion Ratio Lower Upper
 163 100
 194 4.2 2.7 4.1#
 164 9.6 8.2 12.2

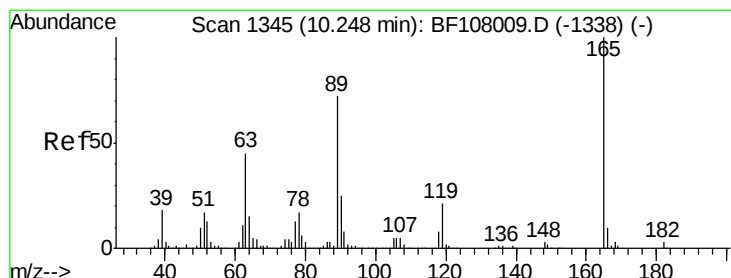
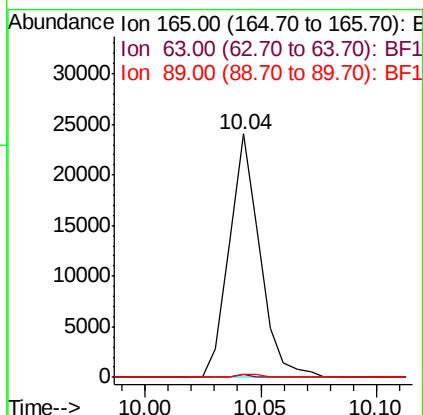
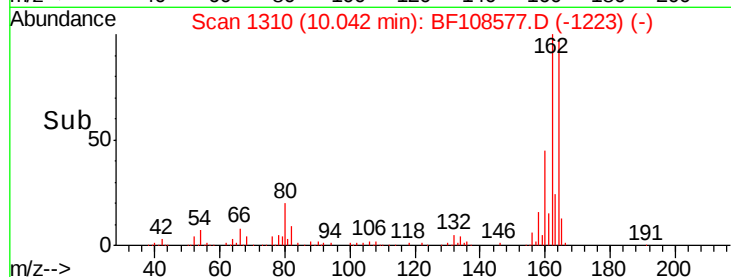
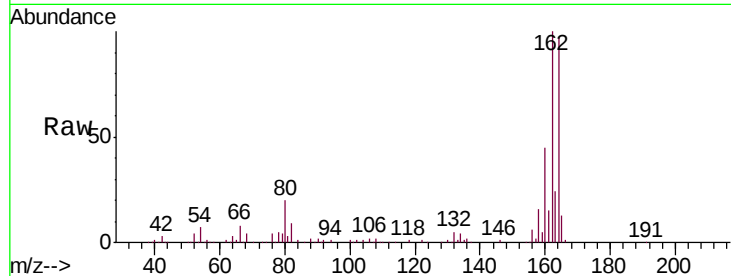




#50
 2,6-Dinitrotoluene
 Concen: 8.872 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108577.D
 Acq: 29 Aug 2018 1:34

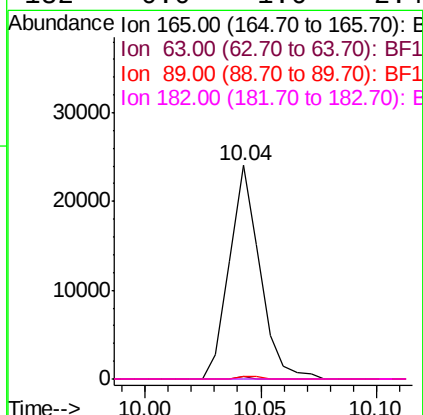
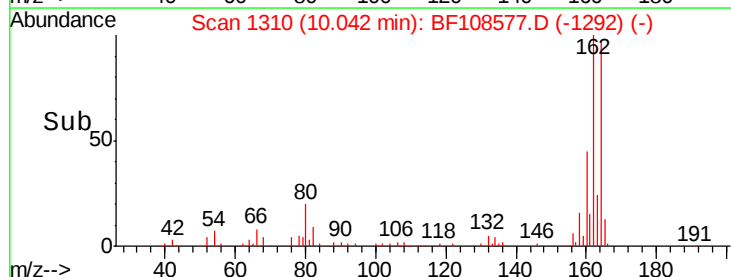
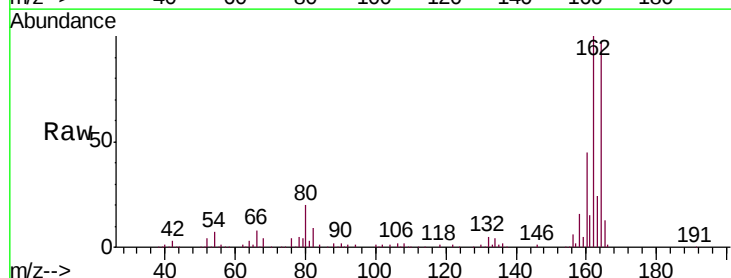
Instrument :
 BNA_F
 ClientSampleId :
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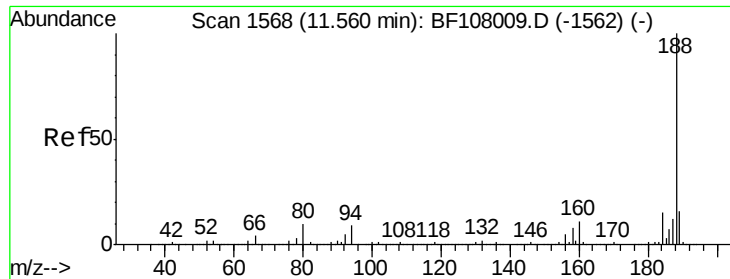
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.892 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108577.D
 Acq: 29 Aug 2018 1:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

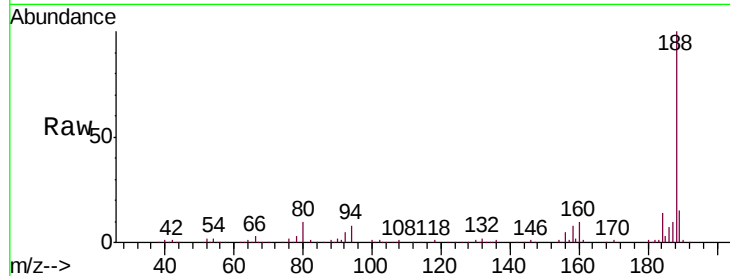




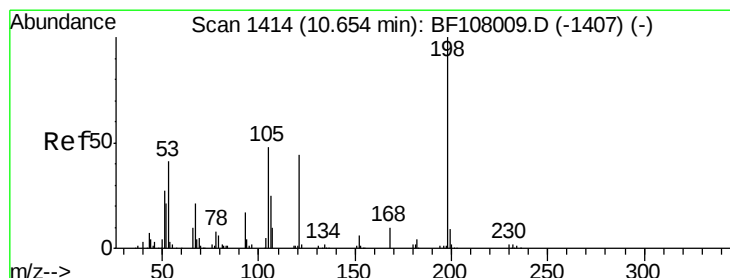
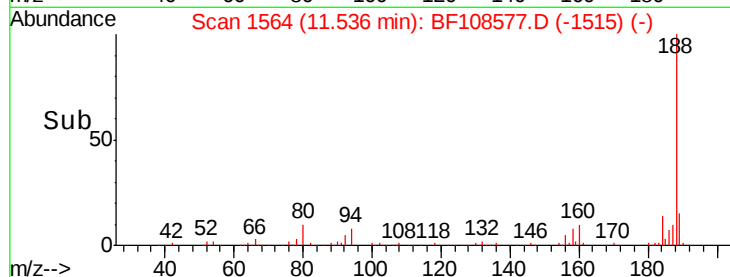
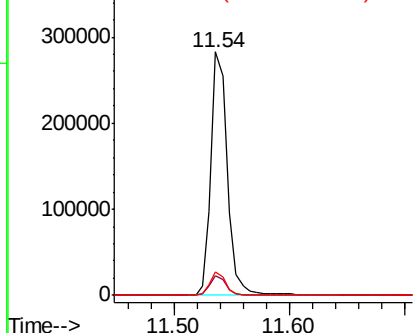
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108577.D
 Acq: 29 Aug 2018 1:34

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:188 Resp: 280500
 Ion Ratio Lower Upper
 188 100
 94 8.2 8.5 12.7#
 80 9.7 9.2 13.8

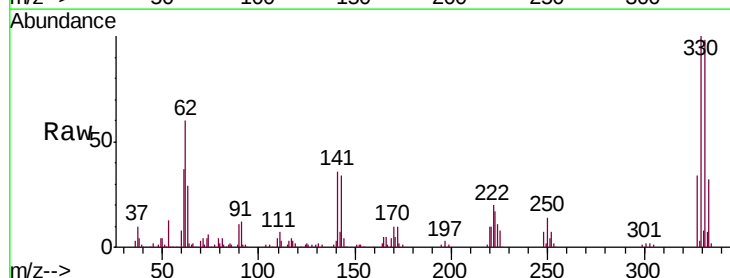


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

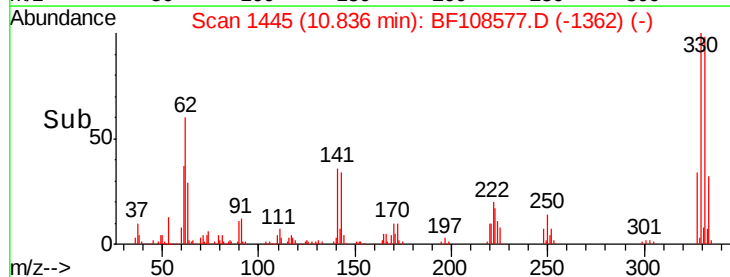
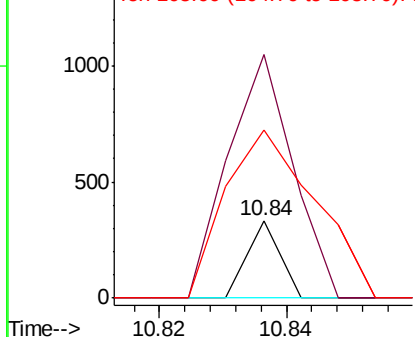


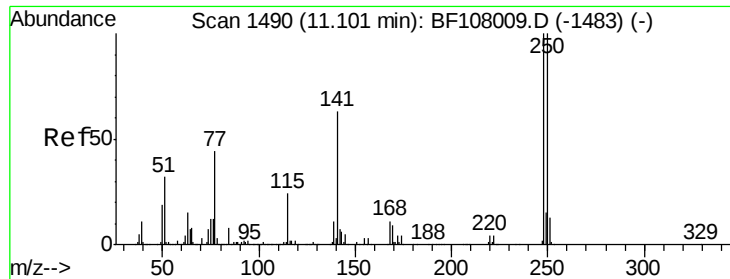
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.458 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108577.D
 Acq: 29 Aug 2018 1:34

Tgt Ion:198 Resp: 118
 Ion Ratio Lower Upper
 198 100
 51 313.8 37.7 77.7#
 105 216.2 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

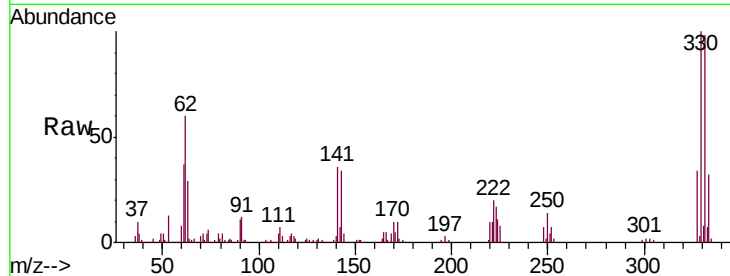




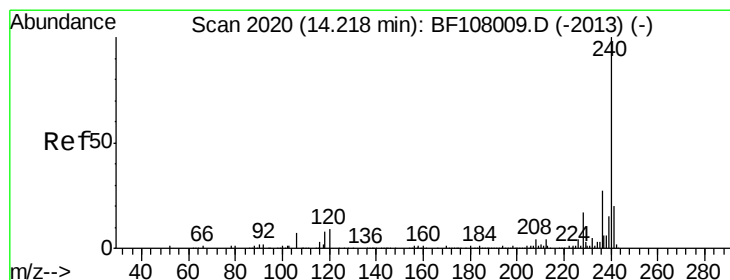
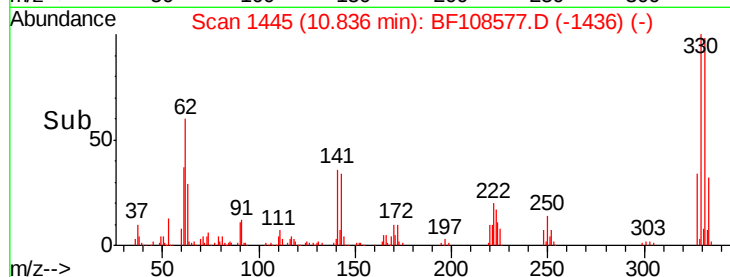
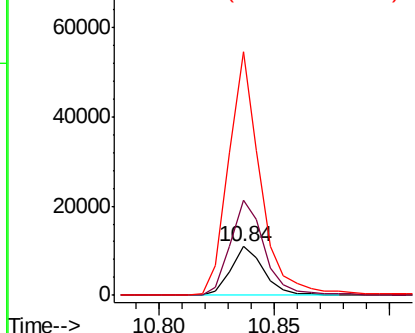
#66
4-Bromophenyl-phenylether
Concen: 3.563 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108577.D
Acq: 29 Aug 2018 1:34

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:248 Resp: 10862
Ion Ratio Lower Upper
248 100
250 193.6 76.9 115.3#
141 498.1 74.4 111.6#

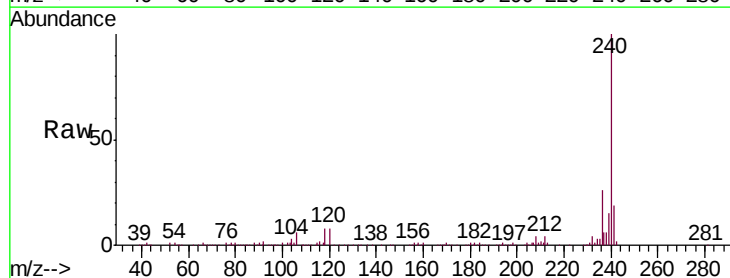


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

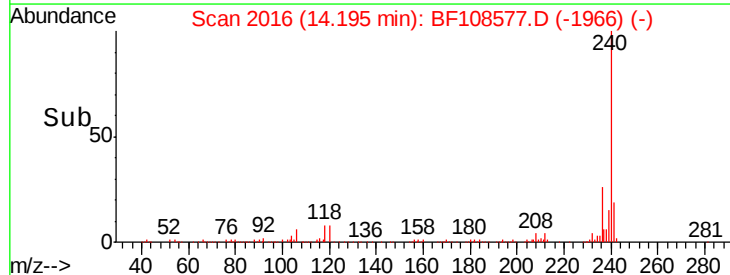
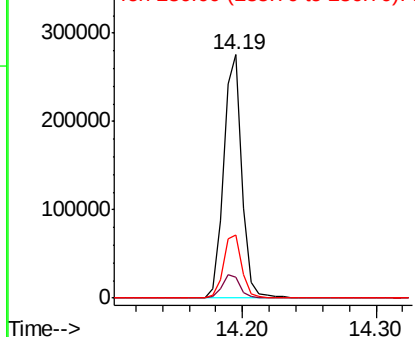


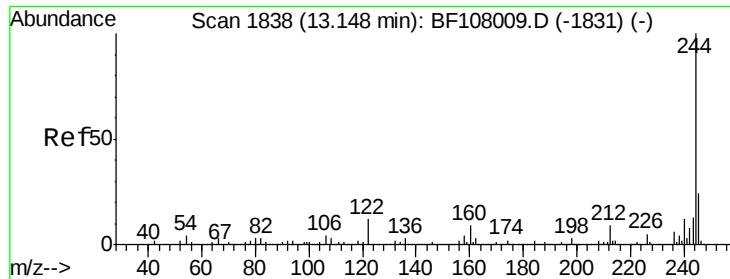
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108577.D
Acq: 29 Aug 2018 1:34

Tgt Ion:240 Resp: 265720
Ion Ratio Lower Upper
240 100
120 8.4 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

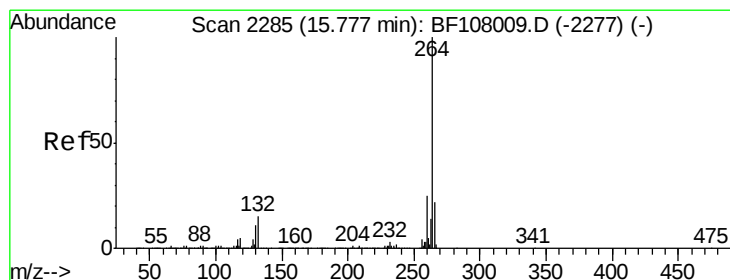
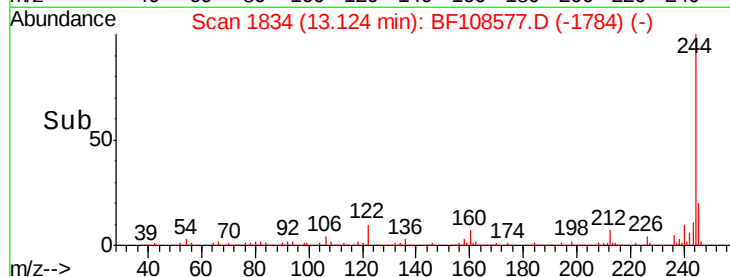
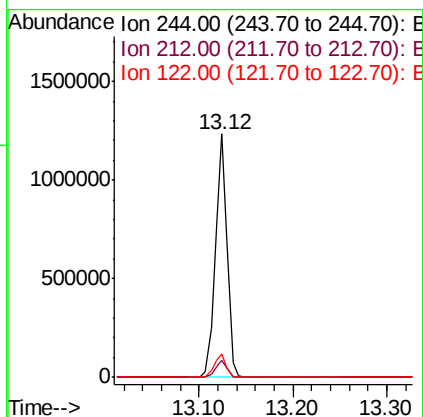
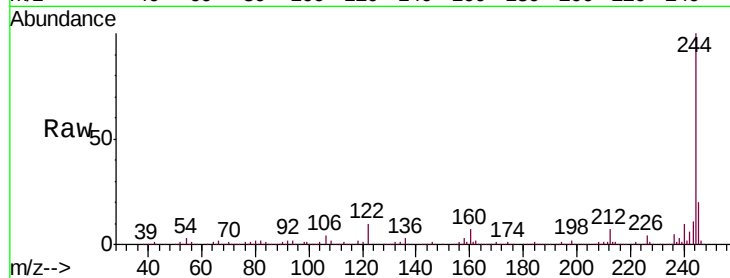




#78
 Terphenyl-d14
 Concen: 103.615 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108577.D
 Acq: 29 Aug 2018 1:34

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:244 Resp: 1082861
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 9.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108577.D
 Acq: 29 Aug 2018 1:34

Tgt Ion:264 Resp: 206058
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.9 17.5 26.3

