

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
 Data File : BF108188.D
 Acq On : 16 Aug 2018 1:40
 Operator : JU/SJ
 Sample : J4440-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 080918-TIPC-F-U-B

Quant Time: Aug 16 04:17:47 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 08 12:24:24 2018
 Response via : Initial Calibration

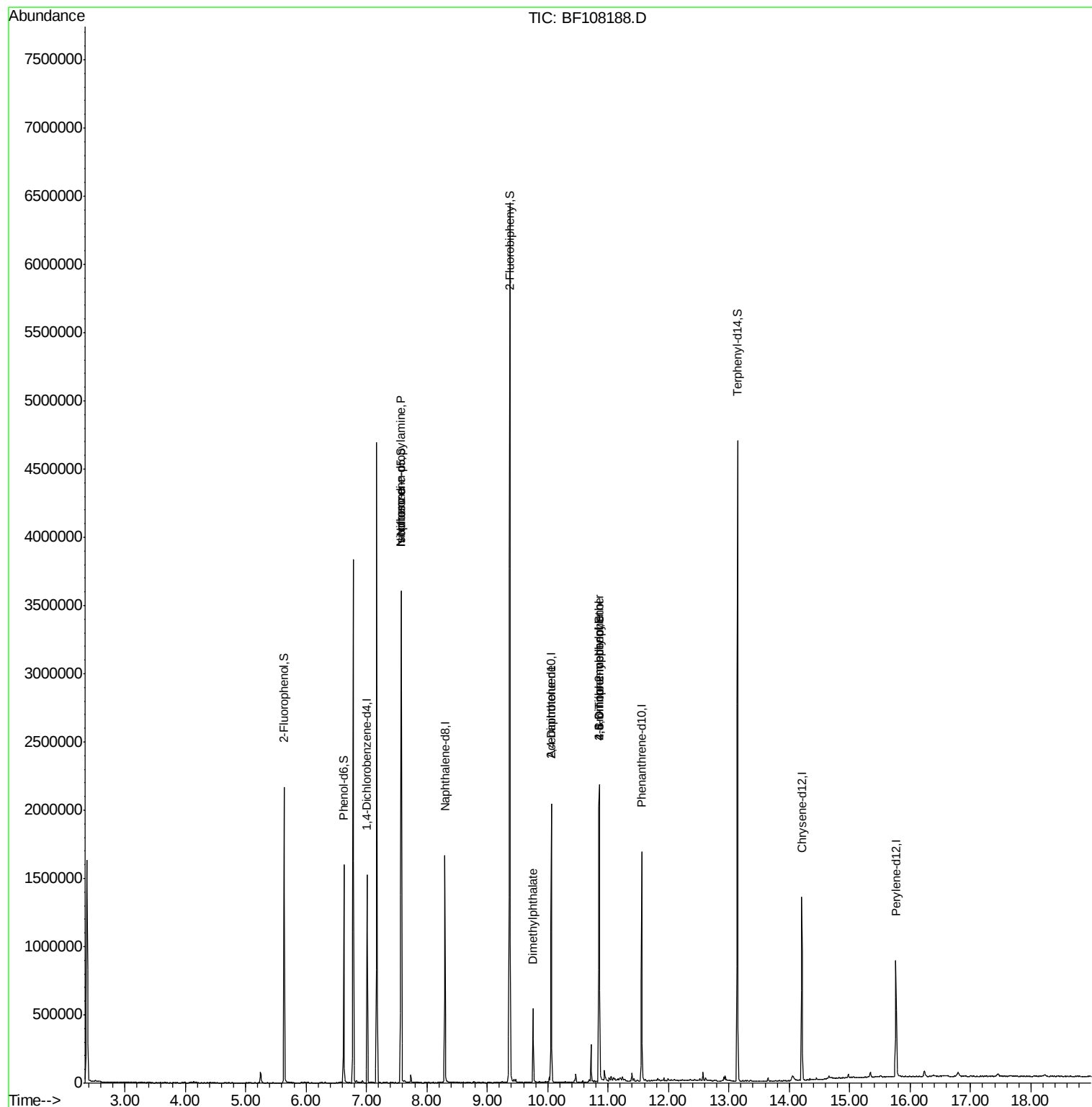
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	209539	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	791472	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	374697	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	597237	20.00	ng	0.00
75) Chrysene-d12	14.21	240	435073	20.00	ng	-0.01
86) Perylene-d12	15.77	264	438234	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	502174	43.39	ng	0.00
7) Phenol-d6	6.62	99	423293	27.52	ng	0.00
23) Nitrobenzene-d5	7.58	82	1361267	95.97	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	275615	73.74	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2275956	97.52	ng	0.00
78) Terphenyl-d14	13.14	244	1587109	92.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	187681	18.045	ng	# 85
25) Isophorone	7.58	82	1353276	50.057	ng	# 64
49) Dimethylphthalate	9.76	163	205438	7.871	ng	# 99
56) 2,4-Dinitrotoluene	10.06	165	47202	6.715	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.85	198	550	5.577	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	17914	2.760	ng	# 1

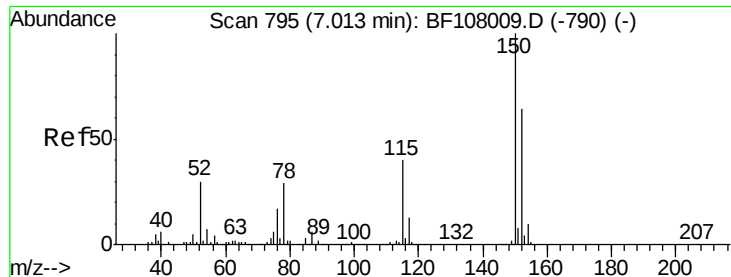
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
Data File : BF108188.D
Acq On : 16 Aug 2018 1:40
Operator : JU/SJ
Sample : J4440-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-U-B

Quant Time: Aug 16 04:17:47 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 08 12:24:24 2018
Response via : Initial Calibration



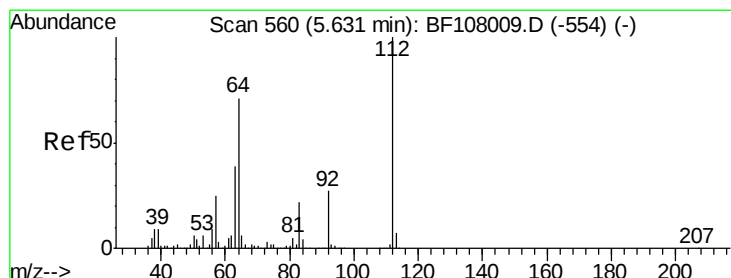
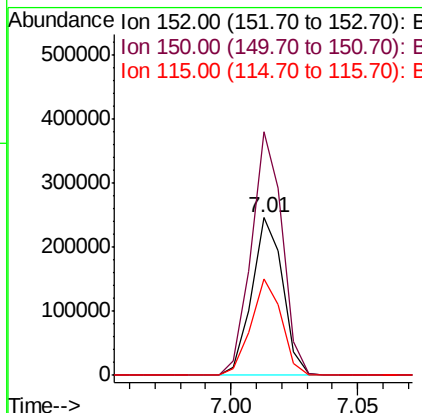
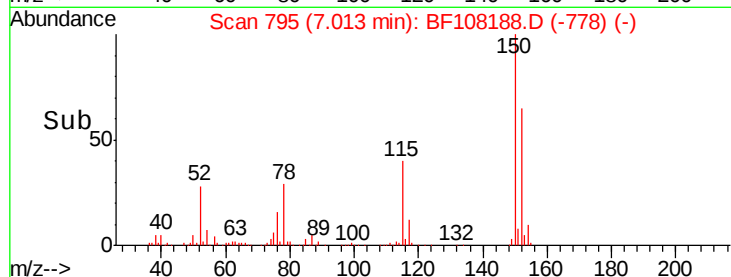
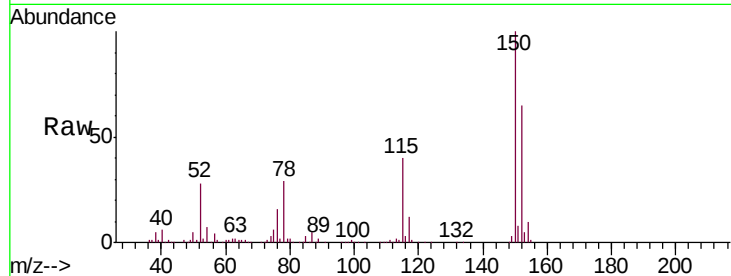


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108188.D
Acq: 16 Aug 2018 1:40

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-U-B

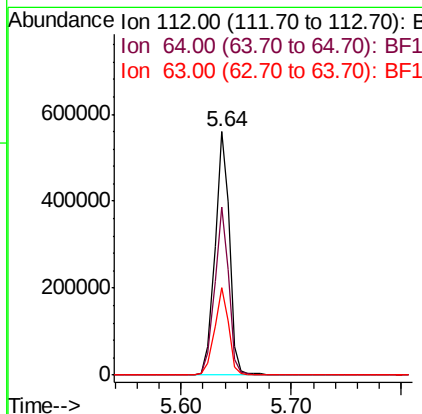
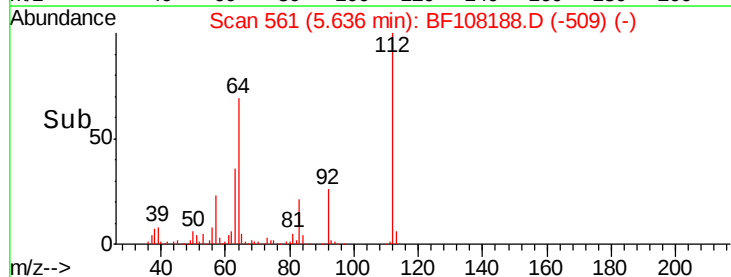
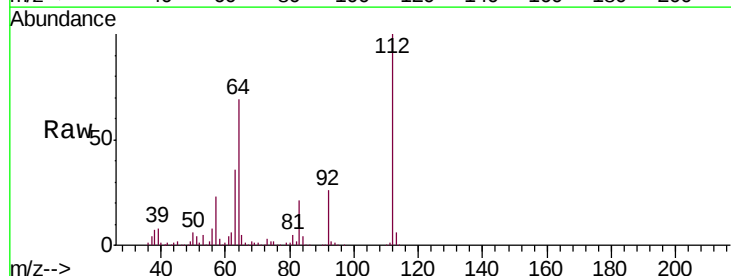
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	61.1	50.1	75.1

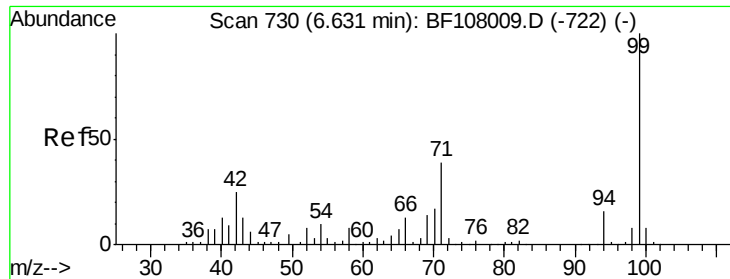


#5

2-Fluorophenol
Concen: 43.389 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108188.D
Acq: 16 Aug 2018 1:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	47.9	71.9
63	36.0	23.7	35.5#





#7

Phenol-d6

Concen: 27.522 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108188.D

Acq: 16 Aug 2018 1:40

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-U-B

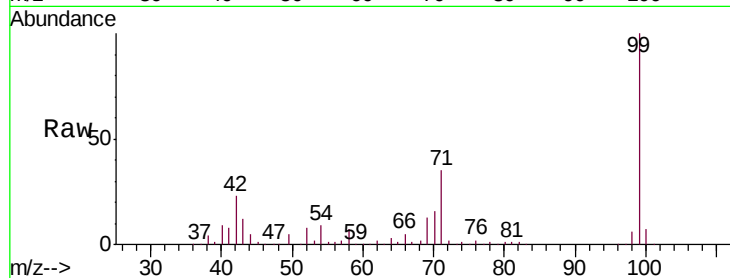
Tgt Ion: 99 Resp: 423293

Ion Ratio Lower Upper

99 100

42 22.5 14.5 21.7#

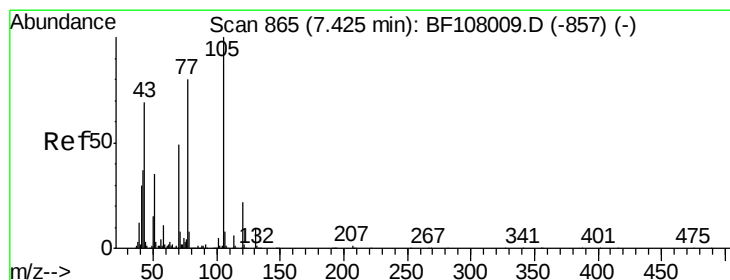
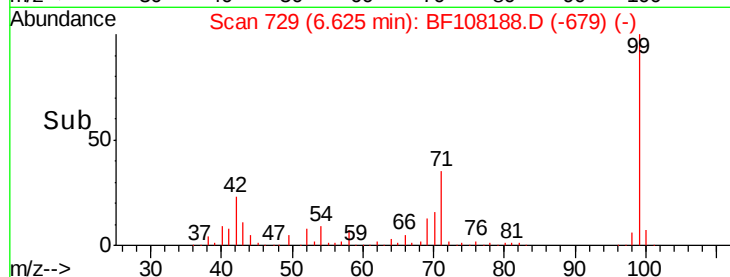
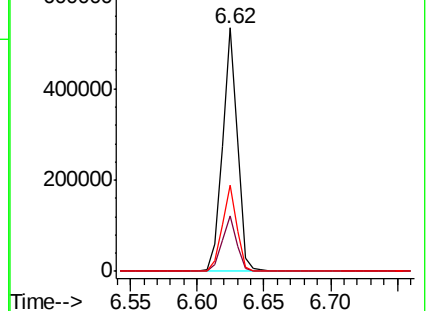
71 35.3 25.4 38.0



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: 18.045 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108188.D

Acq: 16 Aug 2018 1:40

Tgt Ion: 70 Resp: 187681

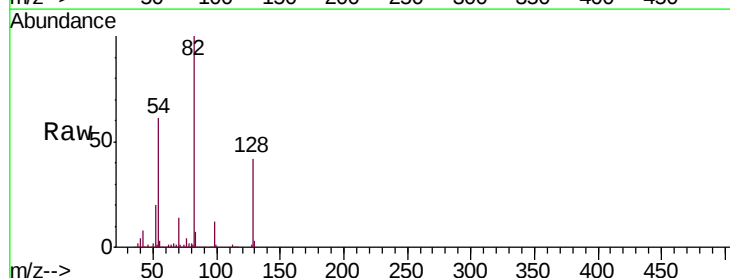
Ion Ratio Lower Upper

70 100

42 55.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

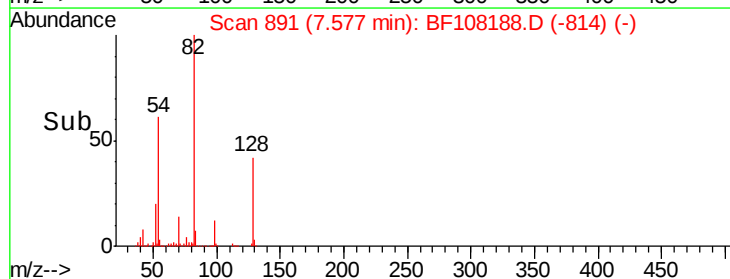
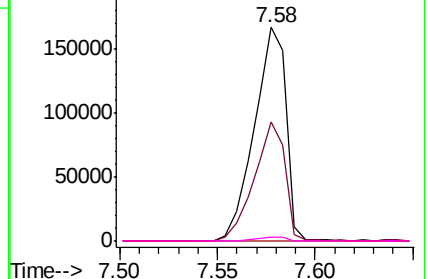


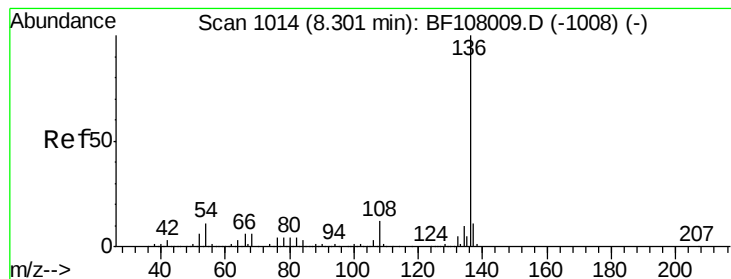
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.30 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF108188.D

Acq: 16 Aug 2018 1:40

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-U-B

Tgt Ion: 136 Resp: 791472

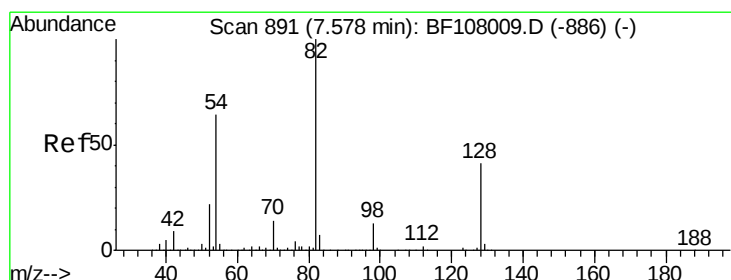
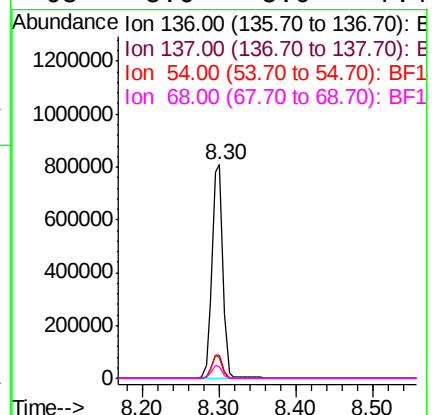
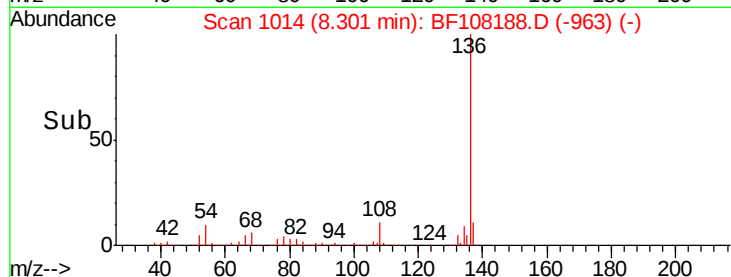
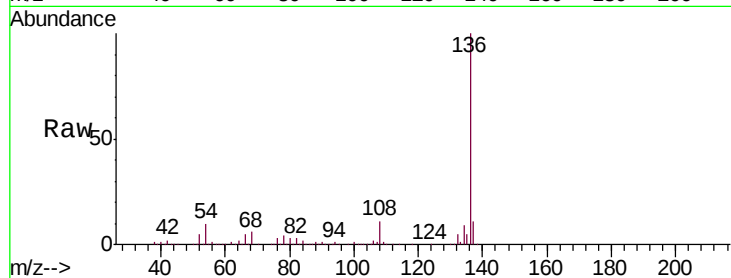
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.7 6.6 9.8

68 5.6 5.0 7.4



#23

Nitrobenzene-d5

Concen: 95.974 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF108188.D

Acq: 16 Aug 2018 1:40

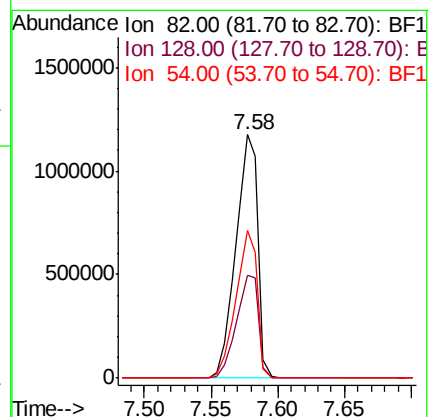
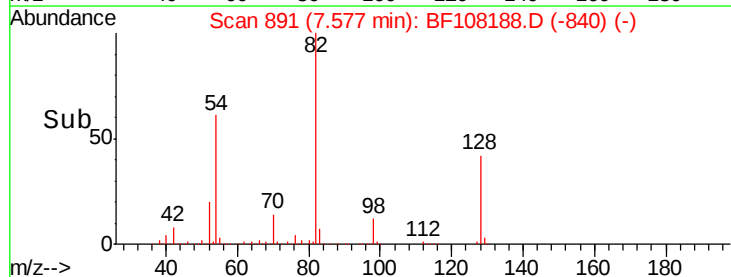
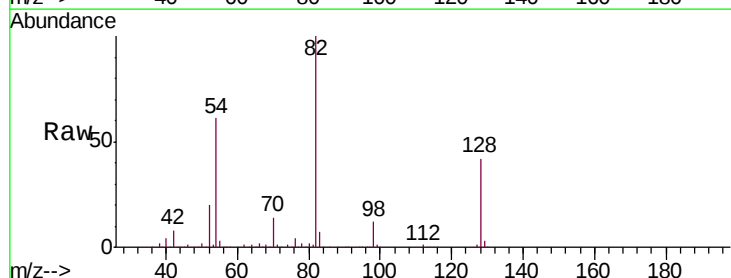
Tgt Ion: 82 Resp: 1361267

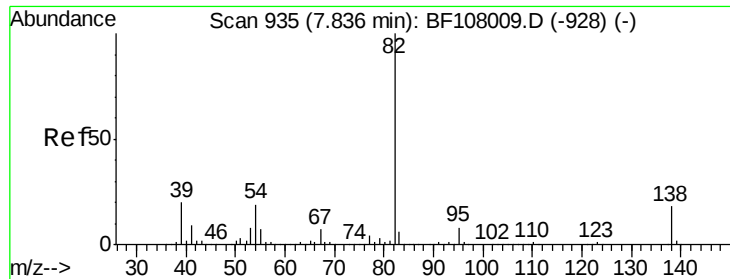
Ion Ratio Lower Upper

82 100

128 42.1 36.1 54.1

54 60.8 41.4 62.2

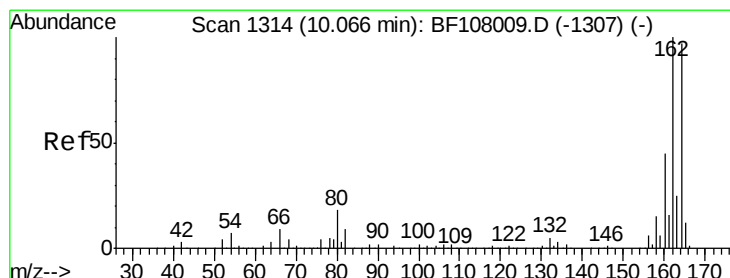
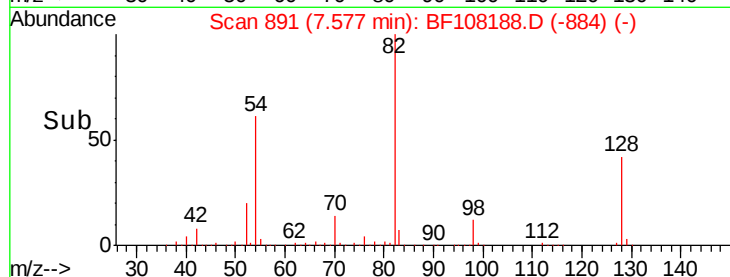
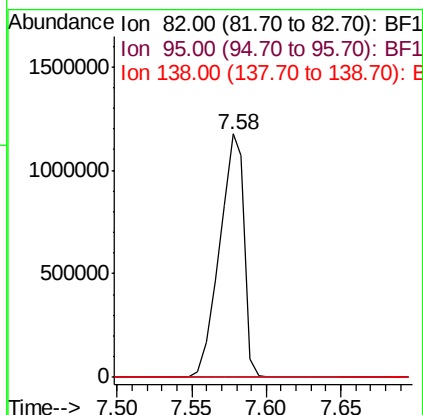
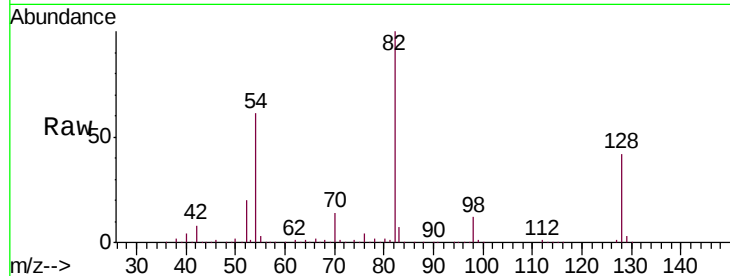




#25
Isophorone
Concen: 50.057 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108188.D
Acq: 16 Aug 2018 1:40

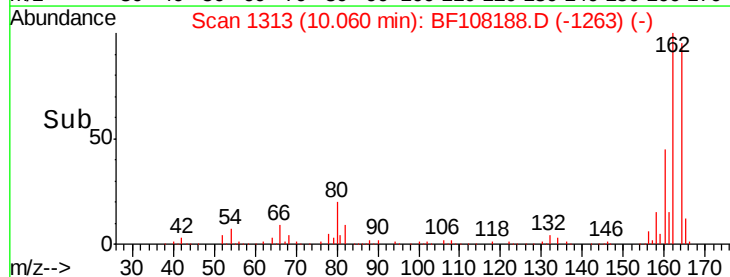
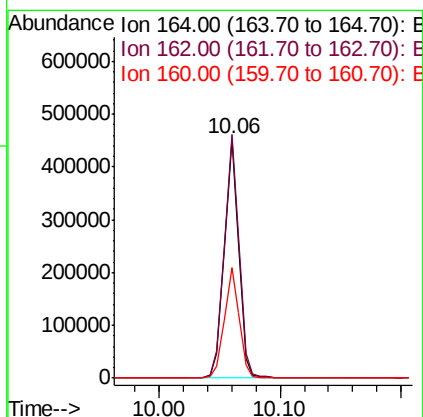
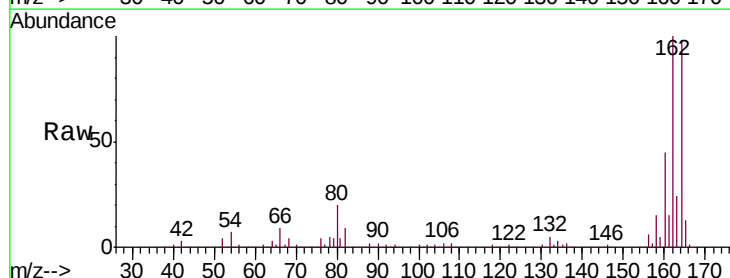
Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-U-B

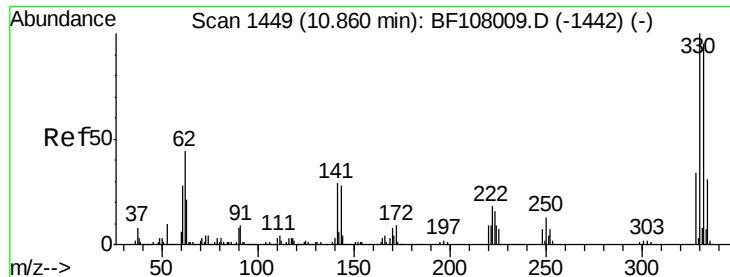
Tgt Ion: 82 Resp: 1353276
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108188.D
Acq: 16 Aug 2018 1:40

Tgt Ion: 164 Resp: 374697
Ion Ratio Lower Upper
164 100
162 101.9 86.1 129.1
160 46.0 38.3 57.5

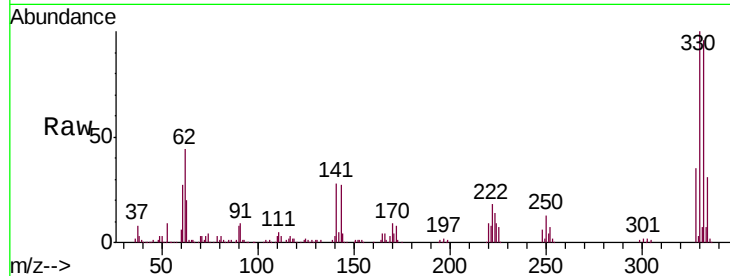




#41
 2,4,6-Tribromophenol
 Concen: 73.743 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108188.D
 Acq: 16 Aug 2018 1:40

Instrument :
 BNA_F
 ClientSampleId :
 080918-TIPC-F-U-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.9	29.9	44.9

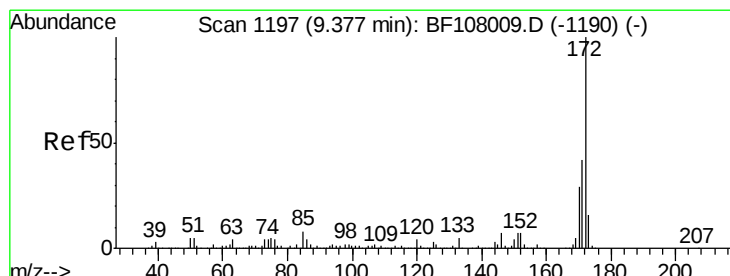
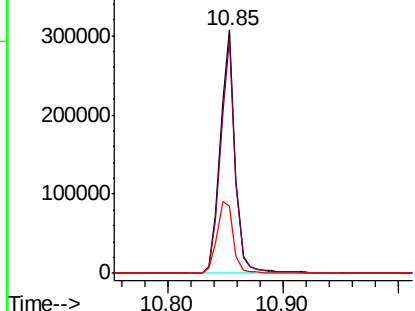
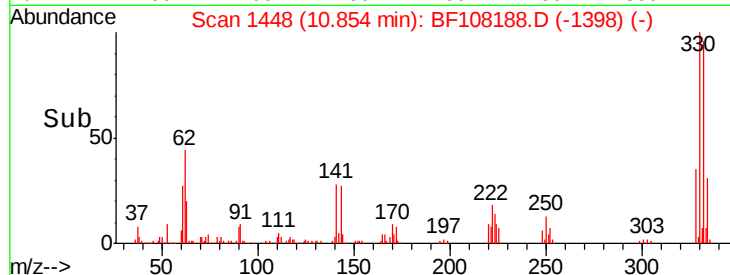


Abundance

Ion 329.80 (329.50 to 330.50): E

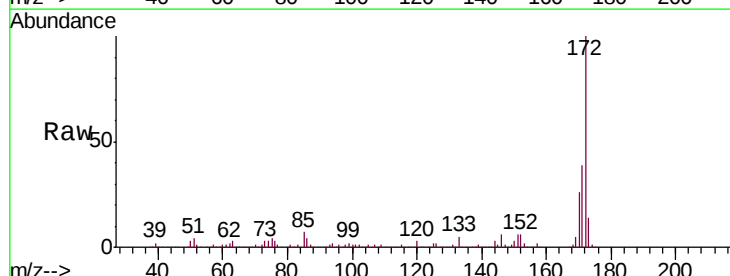
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.518 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF108188.D
 Acq: 16 Aug 2018 1:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.7	44.5
170	26.1	19.6	29.4

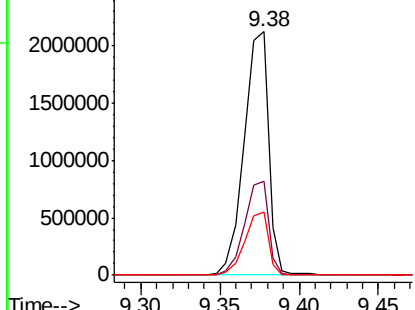
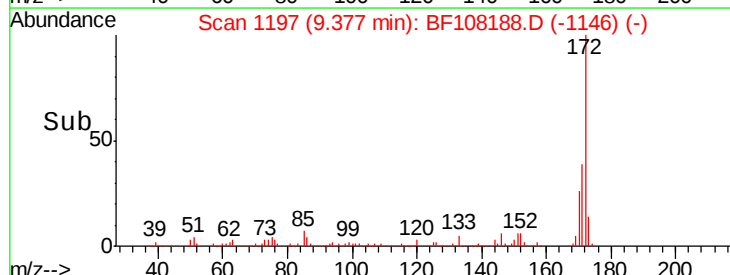


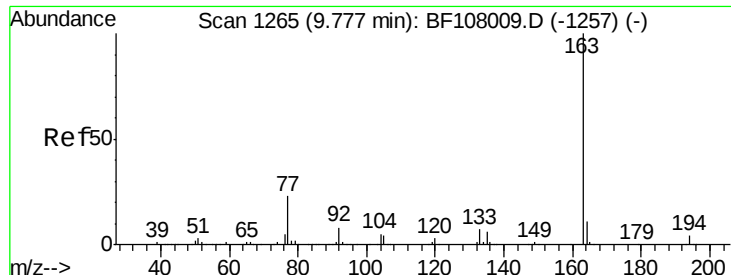
Abundance

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

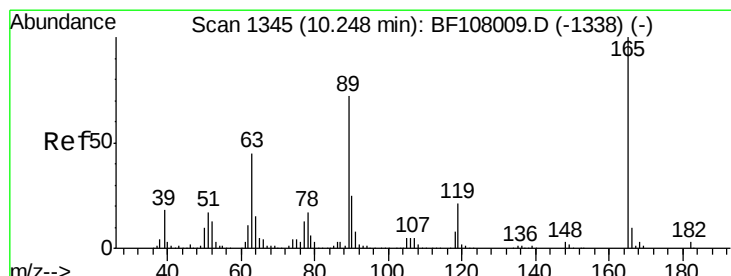
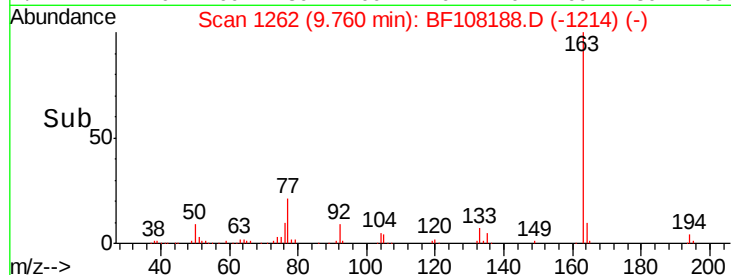
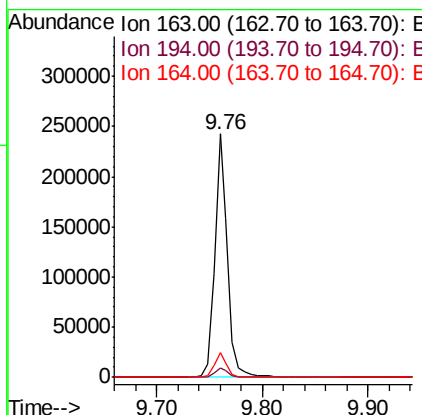
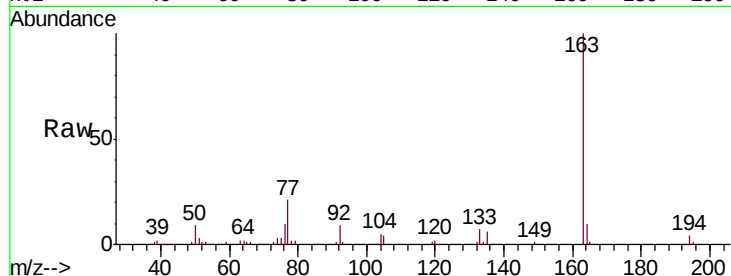




#49
Dimethylphthalate
Concen: 7.871 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108188.D
Acq: 16 Aug 2018 1:40

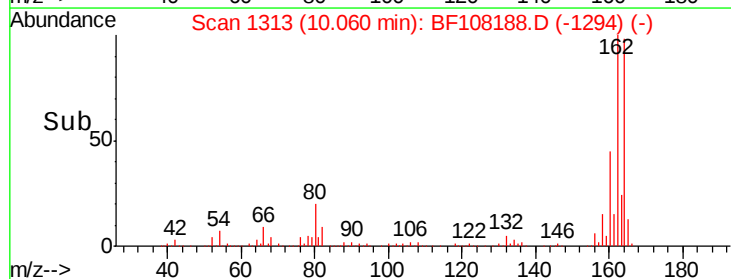
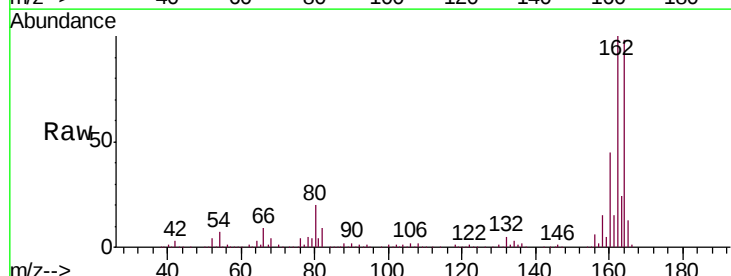
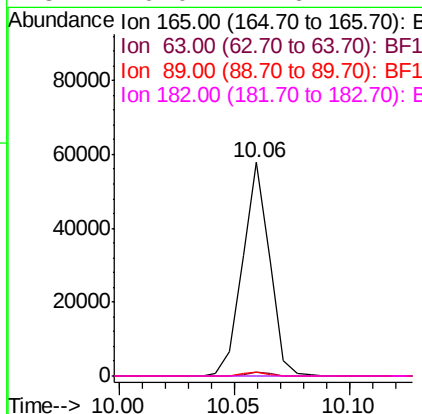
Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-U-B

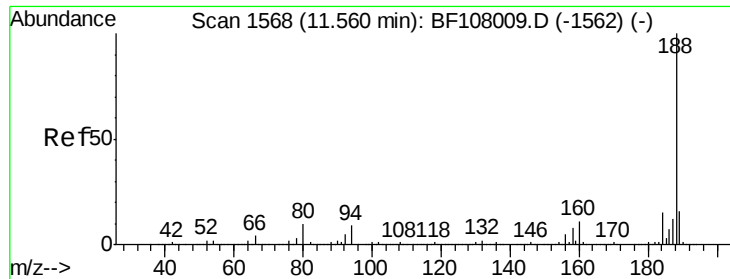
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.3	8.2	12.2



#56
2,4-Dinitrotoluene
Concen: 6.715 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108188.D
Acq: 16 Aug 2018 1:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.55 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF108188.D

Acq: 16 Aug 2018 1:40

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-U-B

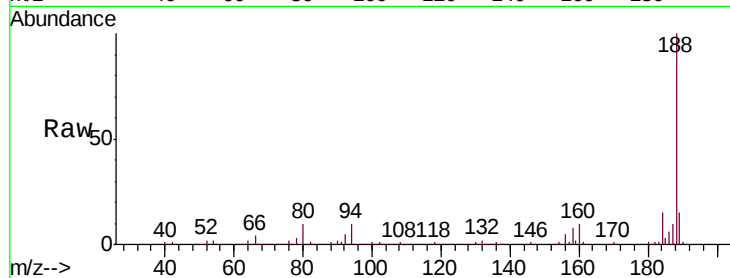
Tgt Ion:188 Resp: 597237

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

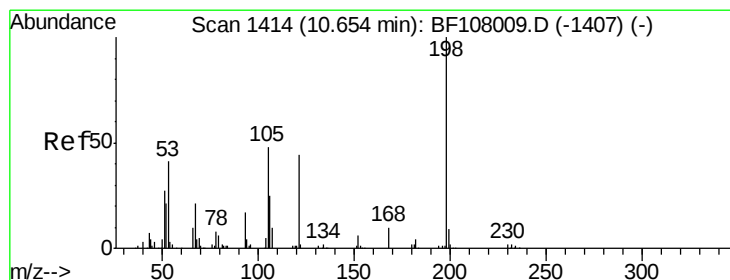
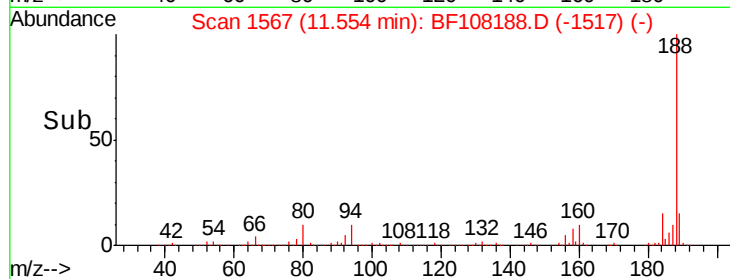
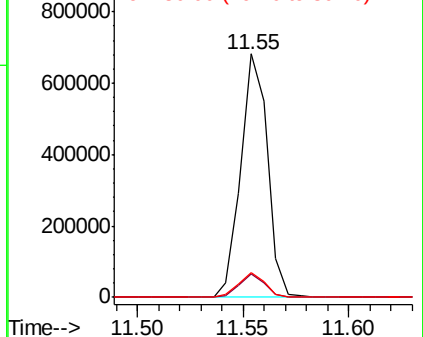
80 10.4 9.2 13.8



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: 5.577 ng

RT: 10.85 min Scan# 1447

Delta R.T. 0.19 min

Lab File: BF108188.D

Acq: 16 Aug 2018 1:40

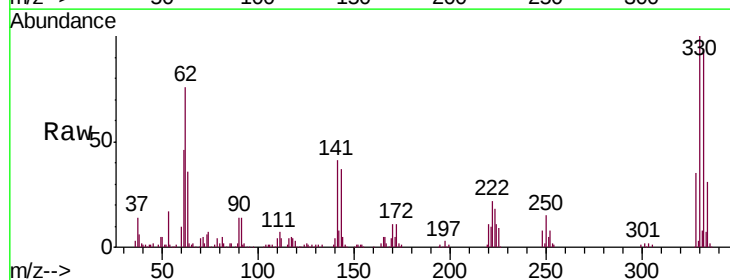
Tgt Ion:198 Resp: 550

Ion Ratio Lower Upper

198 100

51 200.2 37.7 77.7#

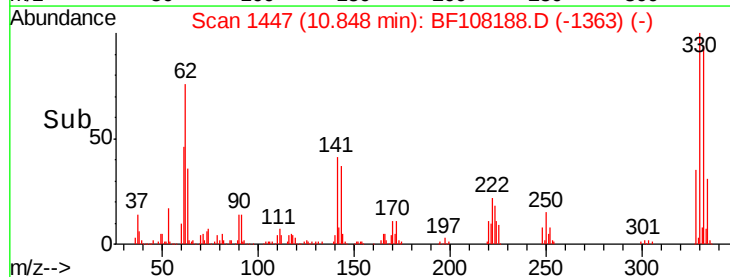
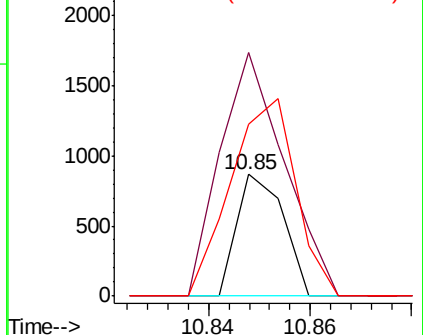
105 141.5 36.3 76.3#

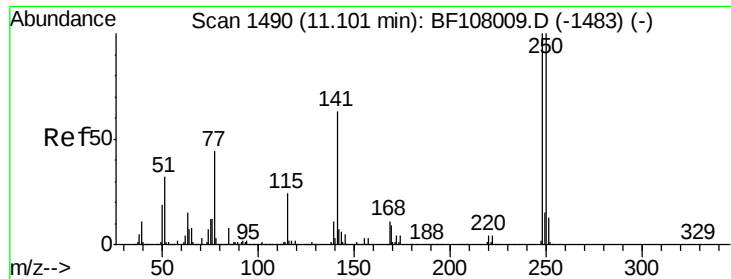


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

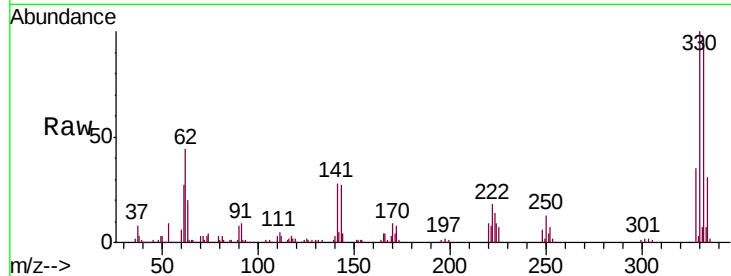




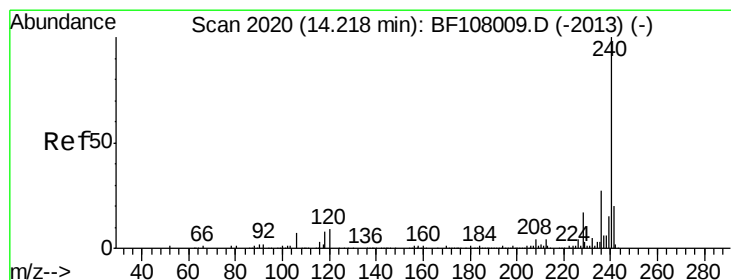
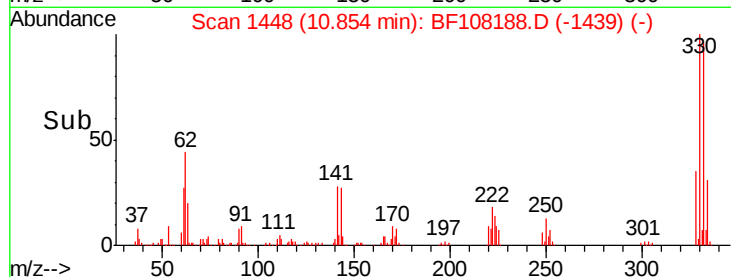
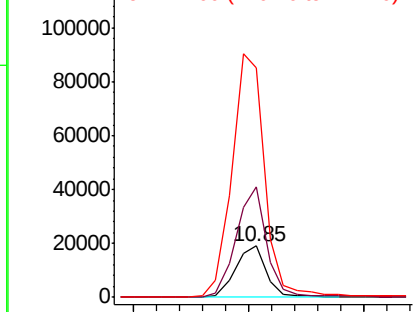
#66
 4-Bromophenyl-phenylether
 Concen: 2.760 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF108188.D
 Acq: 16 Aug 2018 1:40

Instrument :
 BNA_F
 ClientSampleId :
 080918-TIPC-F-U-B

Tgt Ion:248 Resp: 17914
 Ion Ratio Lower Upper
 248 100
 250 213.4 76.9 115.3#
 141 444.4 74.4 111.6#

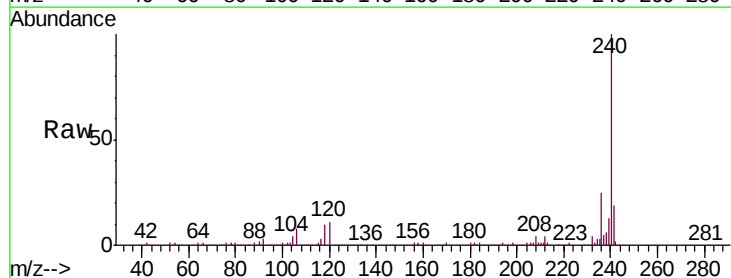


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

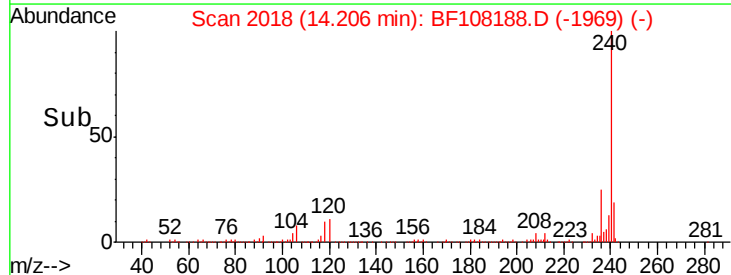
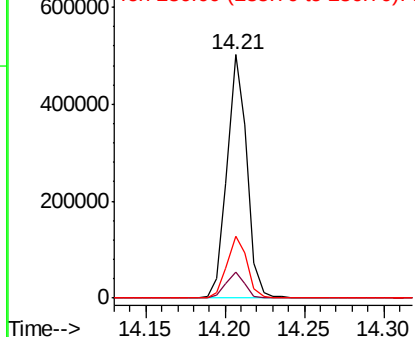


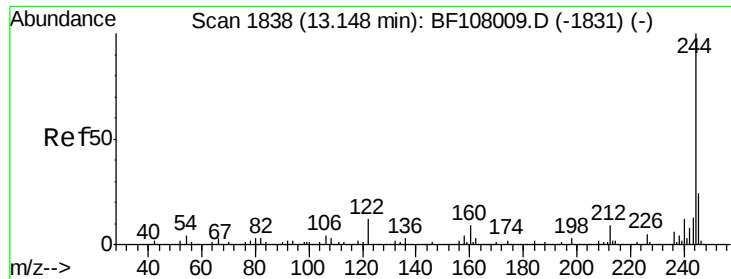
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.21 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF108188.D
 Acq: 16 Aug 2018 1:40

Tgt Ion:240 Resp: 435073
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.5 14.3
 236 25.5 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: 92.751 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108188.D

Acq: 16 Aug 2018 1:40

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-U-B

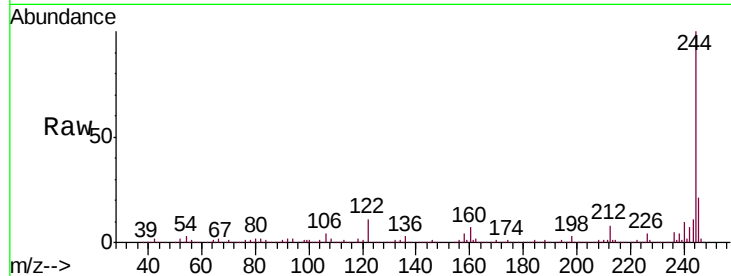
Tgt Ion:244 Resp: 1587109

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

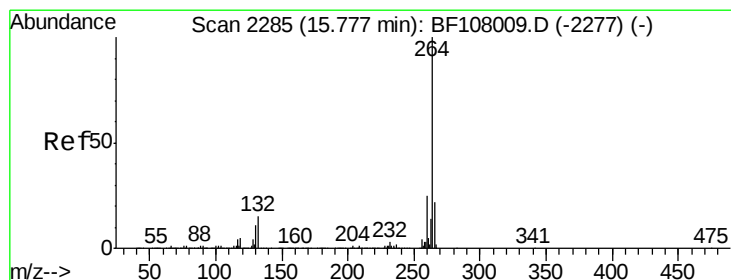
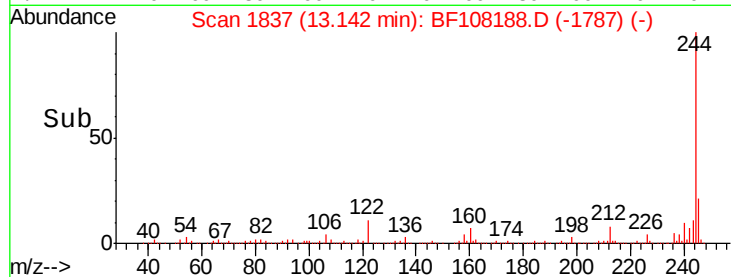
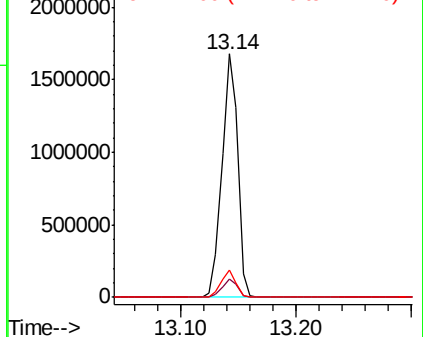
122 11.1 11.0 16.4



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: 15.77 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF108188.D

Acq: 16 Aug 2018 1:40

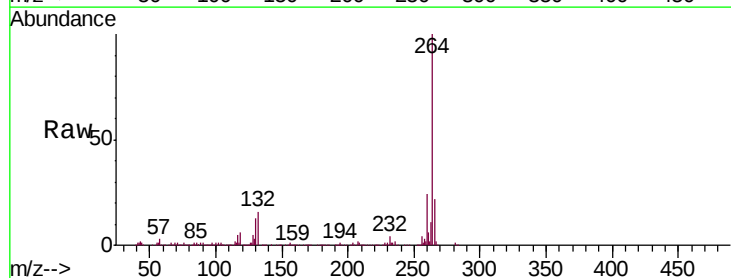
Tgt Ion:264 Resp: 438234

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.6 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

