

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103593.D
 Acq On : 12 Mar 2018 20:23
 Operator : SJ/JU
 Sample : PB107245BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:20:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

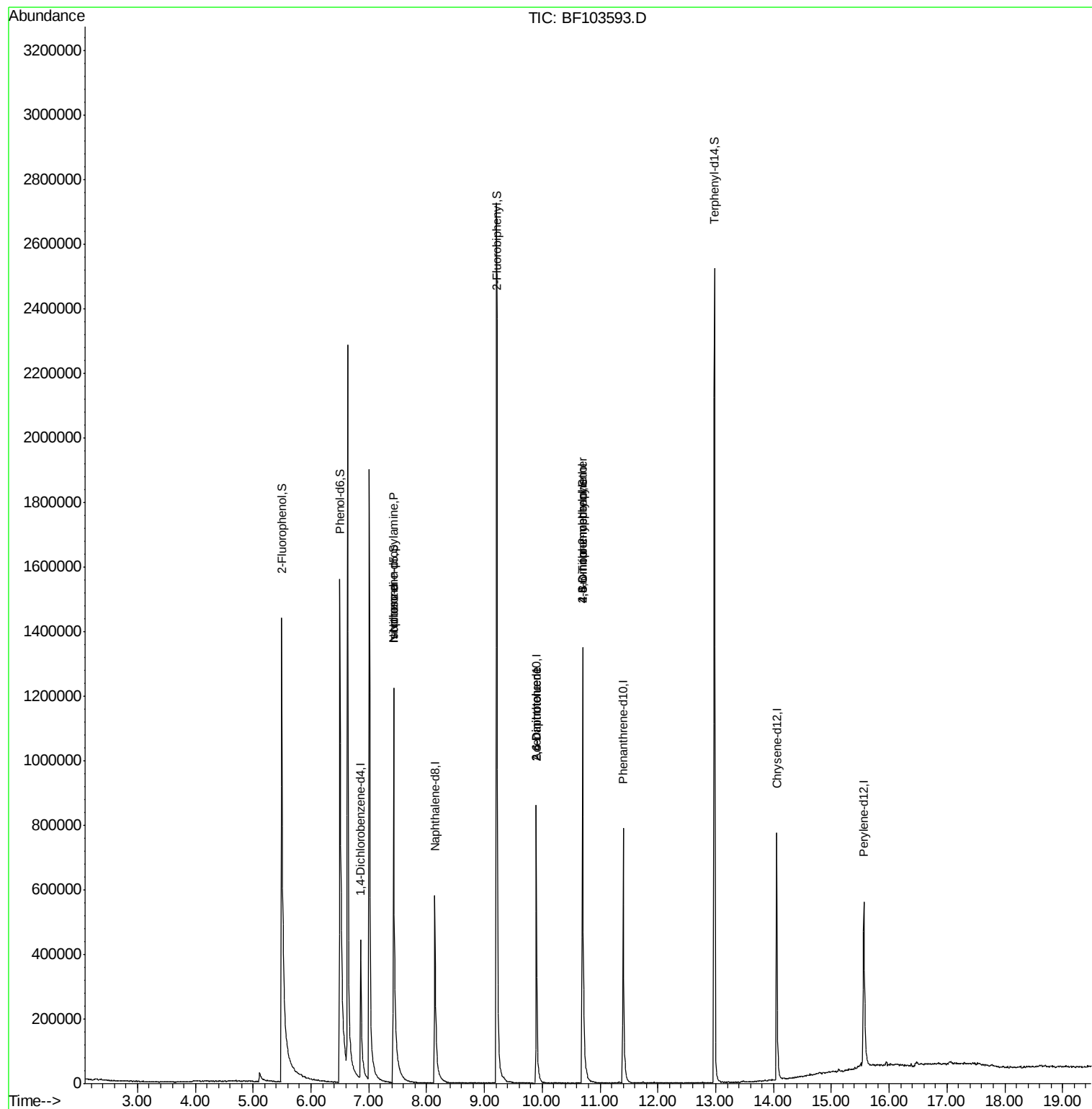
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115844	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	503409	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	226343	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	438958	20.00	ng	0.00
75) Chrysene-d12	14.06	240	339546	20.00	ng	0.00
86) Perylene-d12	15.56	264	316530	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	919431	120.04	ng	0.00
7) Phenol-d6	6.50	99	1166824	124.49	ng	0.00
23) Nitrobenzene-d5	7.43	82	731321	82.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	195732	102.16	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1105994	83.90	ng	-0.01
78) Terphenyl-d14	12.98	244	977923	69.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1295	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	92063	15.783	ng	# 84
25) Isophorone	7.43	82	731321	42.124	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	29117	7.641	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	29257	6.071	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.69	198	303	5.047	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	13830	3.025	ng	# 1

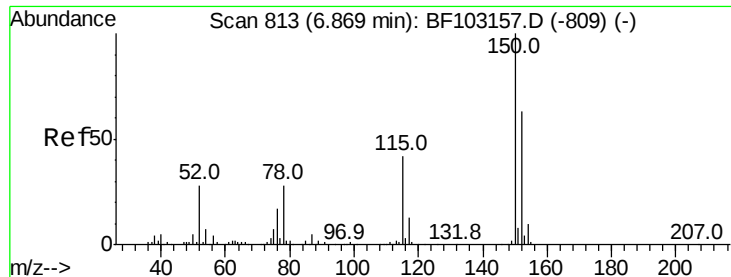
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103593.D
Acq On : 12 Mar 2018 20:23
Operator : SJ/JU
Sample : PB107245BL
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 13 01:20:23 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration



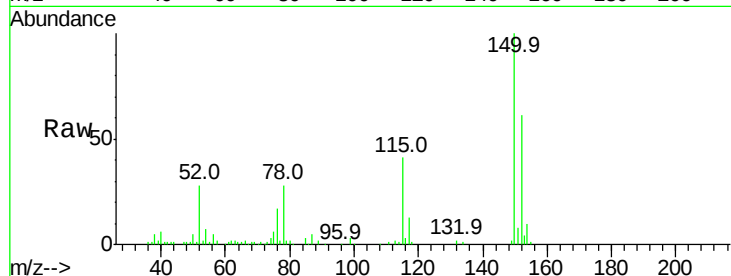


#1

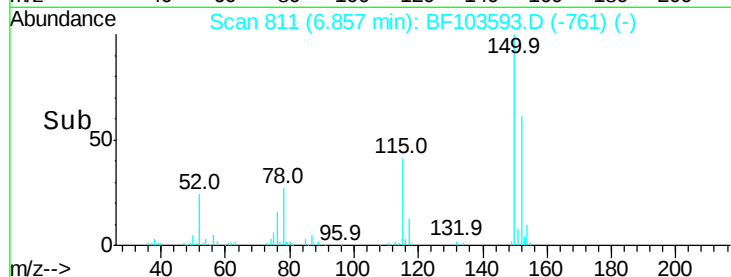
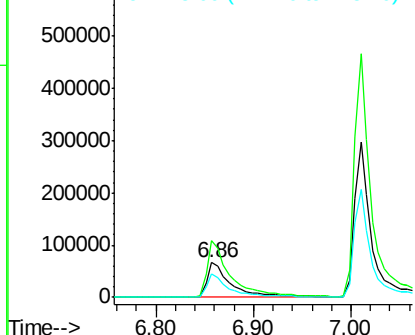
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103593.D
Acq: 12 Mar 2018 20:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115844
Ion Ratio Lower Upper
152 100
150 163.9 124.6 186.8
115 66.6 50.1 75.1



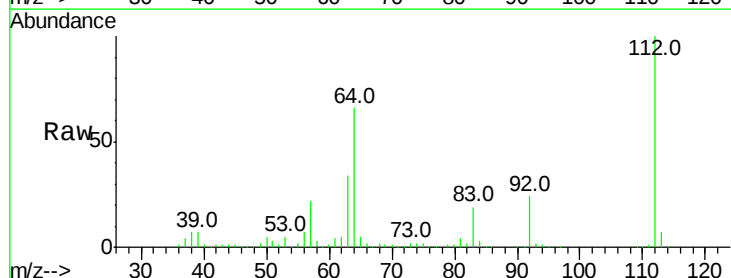
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



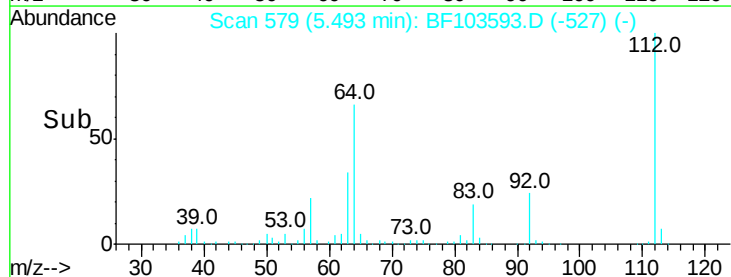
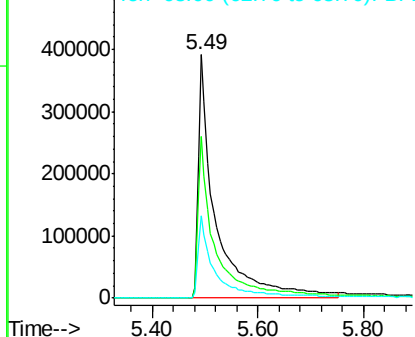
#5

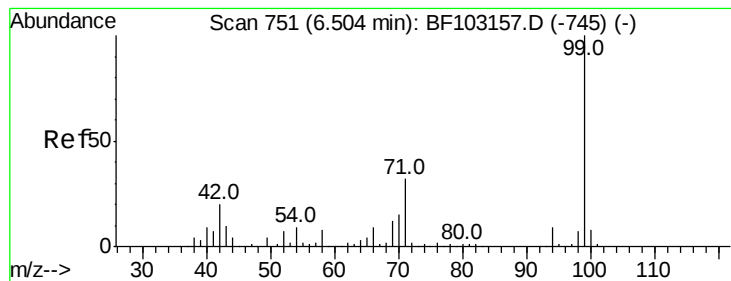
2-Fluorophenol
Concen: 120.038 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103593.D
Acq: 12 Mar 2018 20:23

Tgt Ion:112 Resp: 919431
Ion Ratio Lower Upper
112 100
64 66.3 47.9 71.9
63 34.0 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: 124.494 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103593.D

Acq: 12 Mar 2018 20:23

Instrument :

BNA_F

ClientSampleId :

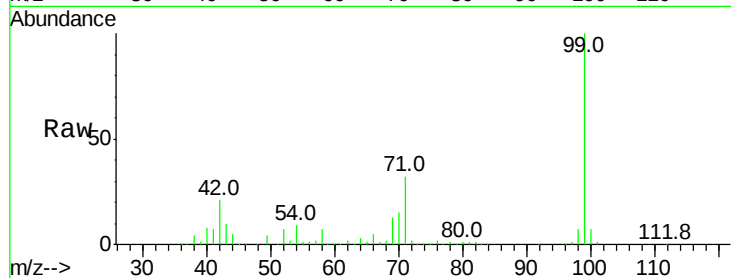
Tot Ion: 99 Resp: 1166824

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

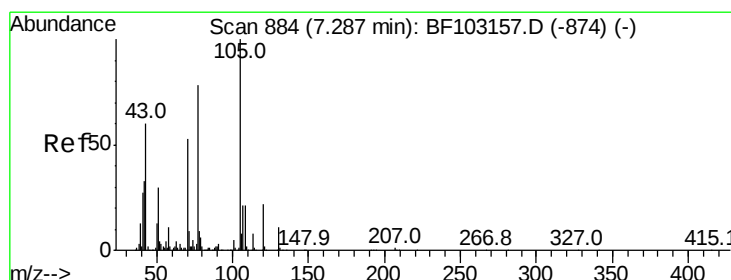
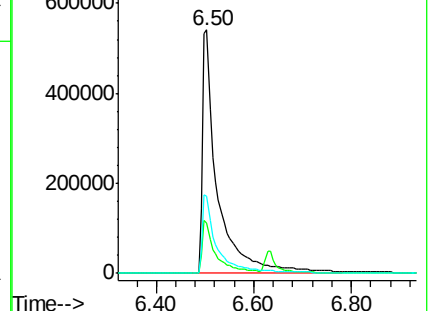
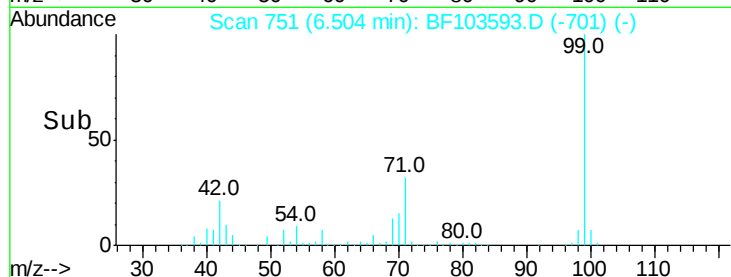
71 31.9 25.4 38.0



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: 15.783 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.15 min

Lab File: BF103593.D

Acq: 12 Mar 2018 20:23

Tgt Ion: 70 Resp: 92063

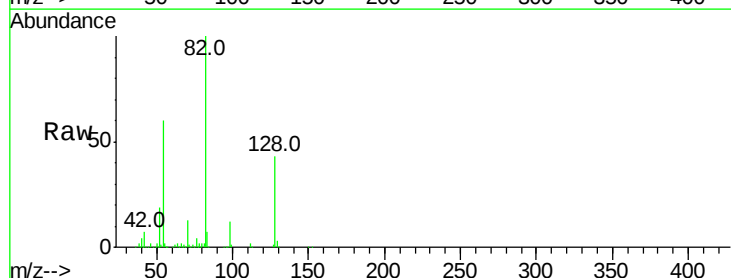
Ion Ratio Lower Upper

70 100

42 54.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

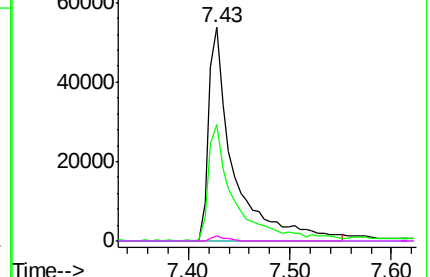
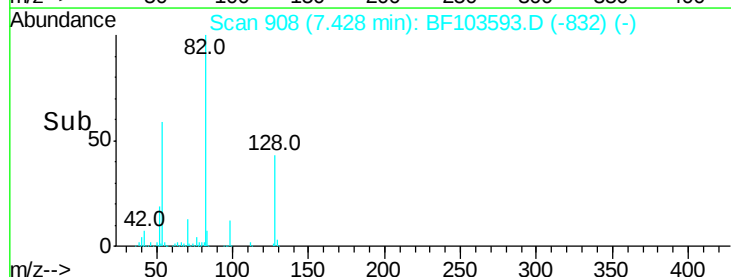


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

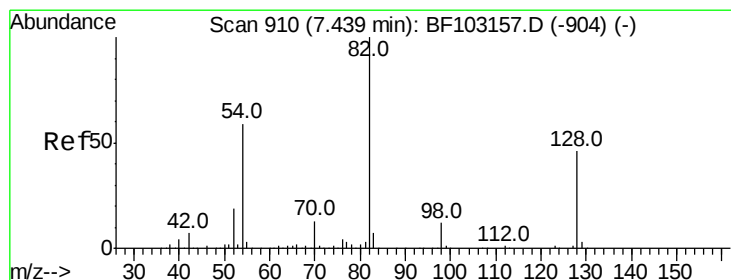
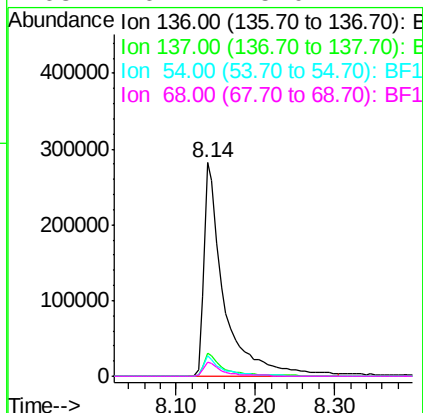
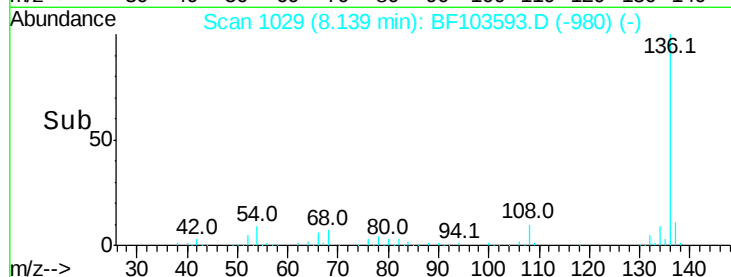
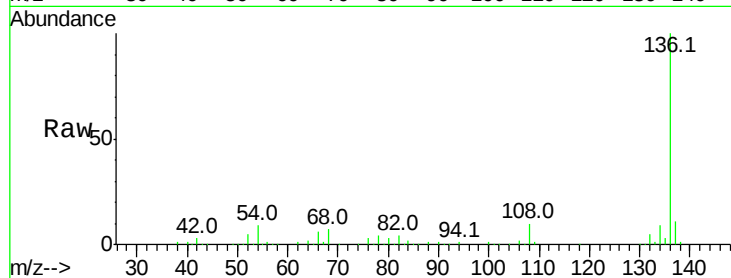




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF103593.D
Acq: 12 Mar 2018 20:23

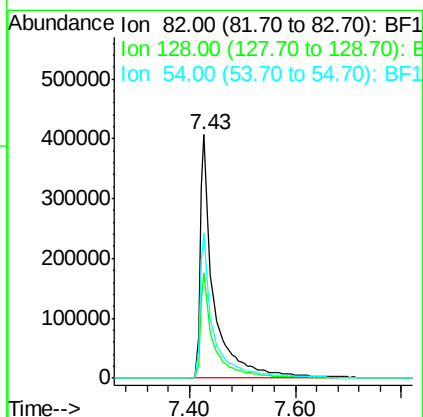
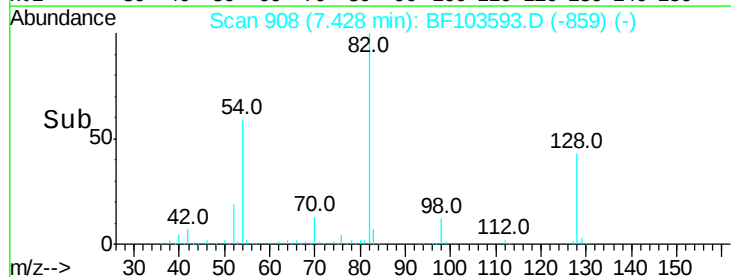
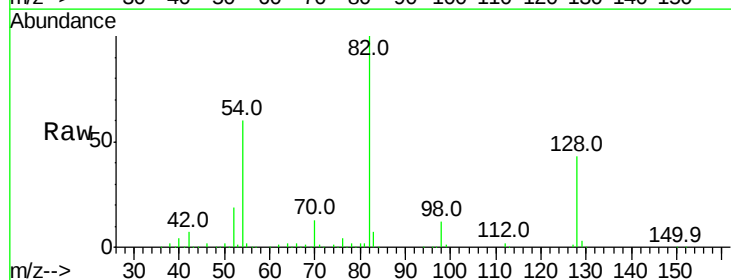
Instrument :
BNA_F
ClientSampleId :

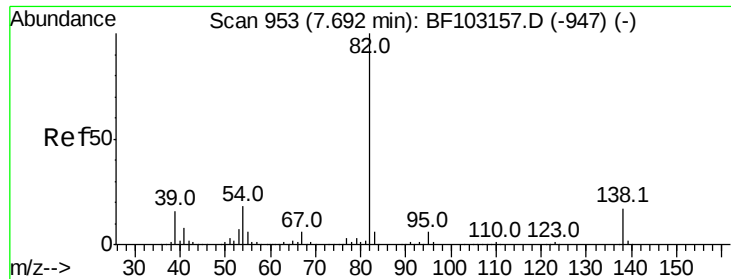
Tot Ion:136	Resp:	503409
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	9.4	6.6 9.8
68	6.7	5.0 7.4



#23
Nitrobenzene-d5
Concen: 82.964 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103593.D
Acq: 12 Mar 2018 20:23

Tgt Ion: 82	Resp:	731321
Ion Ratio	Lower	Upper
82	100	
128	43.0	36.1 54.1
54	59.5	41.4 62.2





#25

Isophorone

Concen: 42.124 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF103593.D

Acq: 12 Mar 2018 20:23

Instrument :

BNA_F

ClientSampleId :

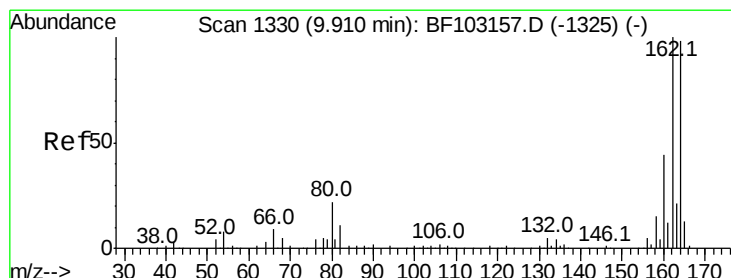
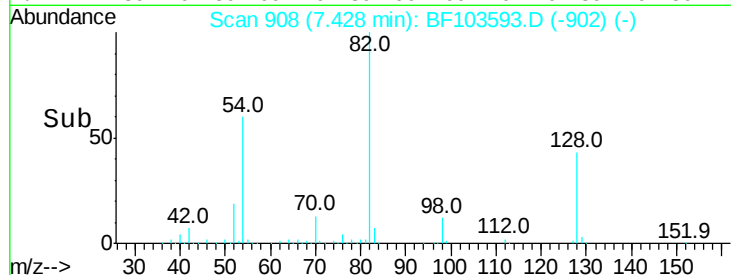
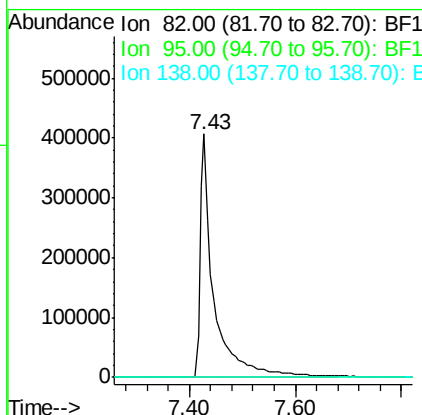
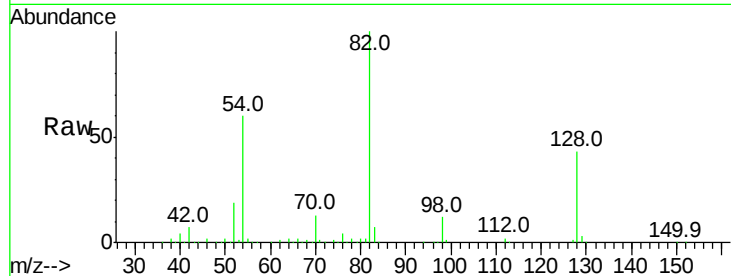
Tot Ion: 82 Resp: 731321

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: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF103593.D

Acq: 12 Mar 2018 20:23

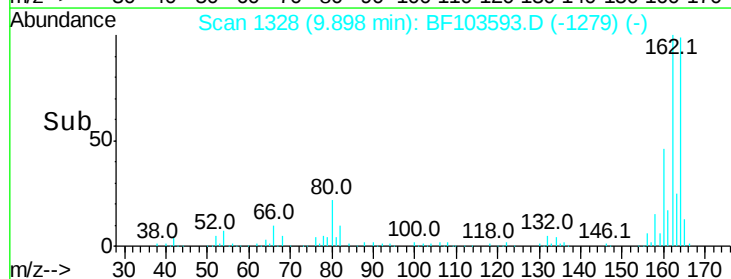
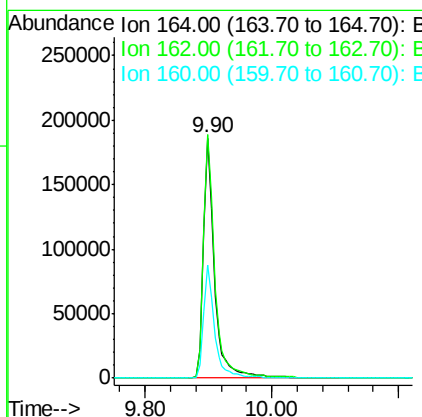
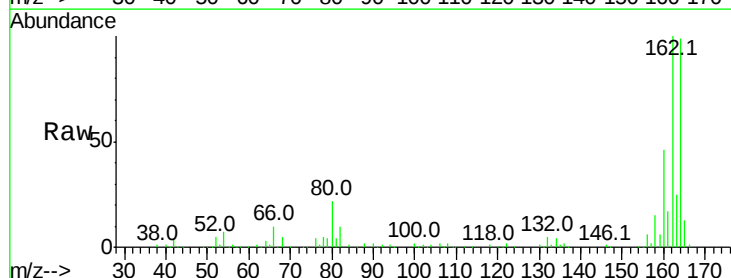
Tgt Ion:164 Resp: 226343

Ion Ratio Lower Upper

164 100

162 101.4 86.1 129.1

160 47.1 38.3 57.5

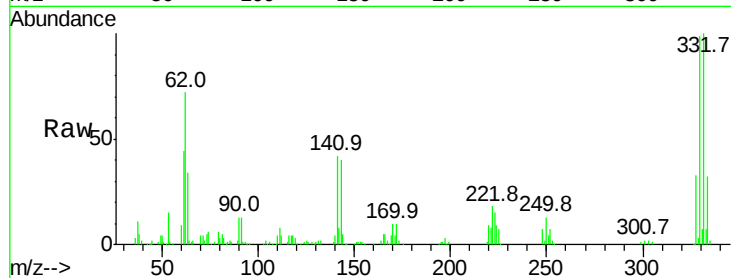




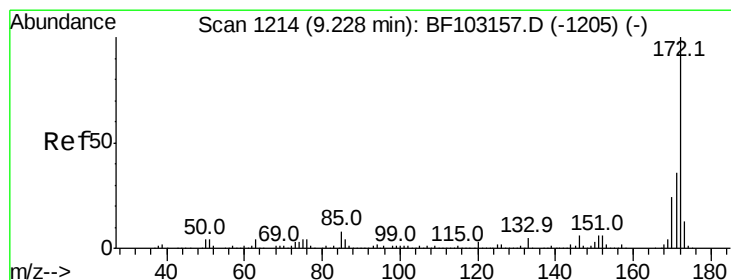
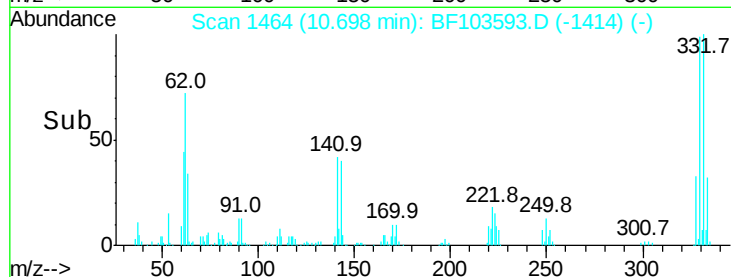
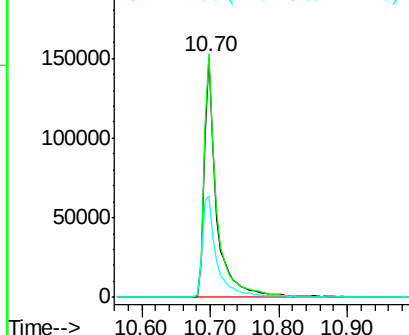
#41
 2,4,6-Tribromophenol
 Concen: 102.164 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103593.D
 Acq: 12 Mar 2018 20:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 195732
 Ion Ratio Lower Upper
 330 100
 332 103.1 77.0 115.6
 141 49.2 29.9 44.9#

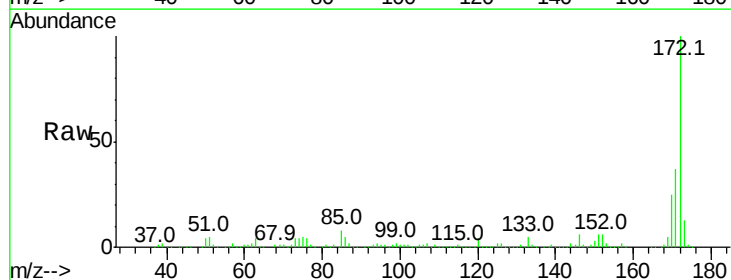


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

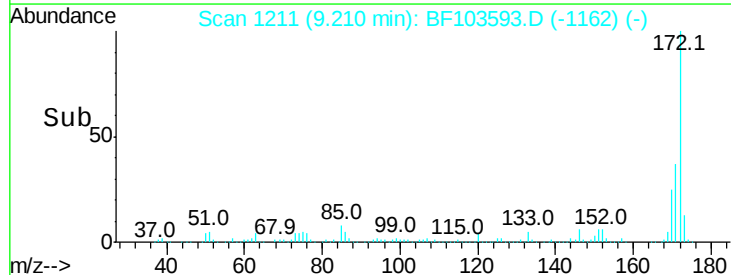
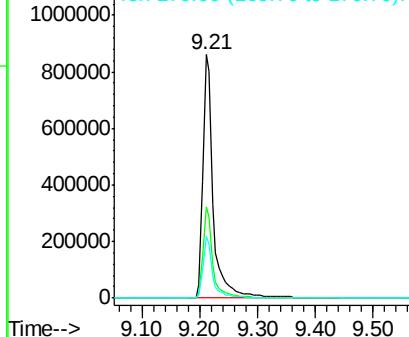


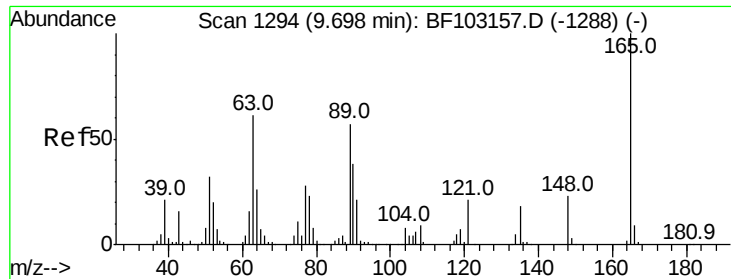
#44
 2-Fluorobiphenyl
 Concen: 83.905 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103593.D
 Acq: 12 Mar 2018 20:23

Tgt Ion:172 Resp: 1105994
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 25.3 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

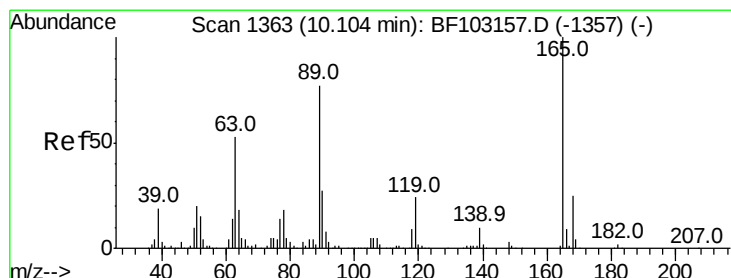
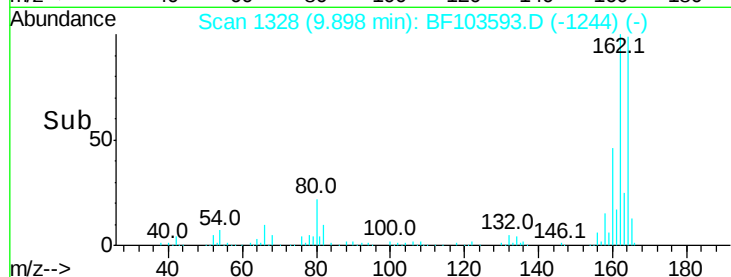
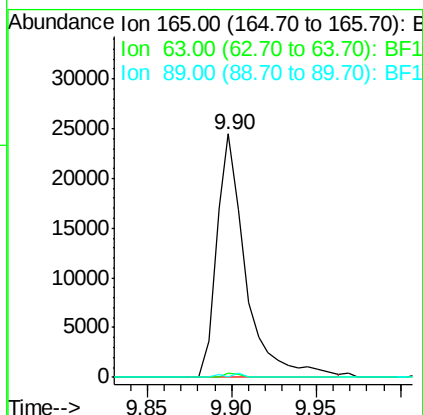
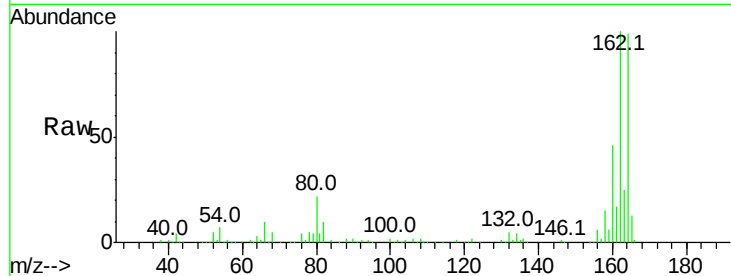




#50
 2,6-Dinitrotoluene
 Concen: 7.641 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.19 min
 Lab File: BF103593.D
 Acq: 12 Mar 2018 20:23

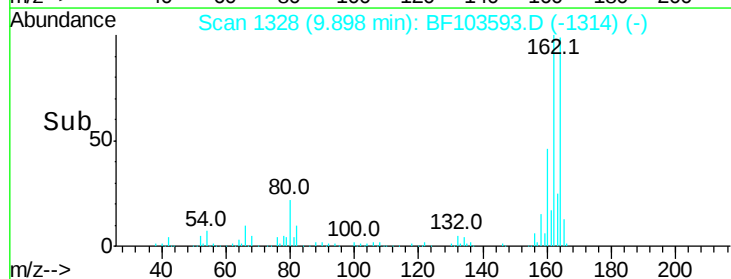
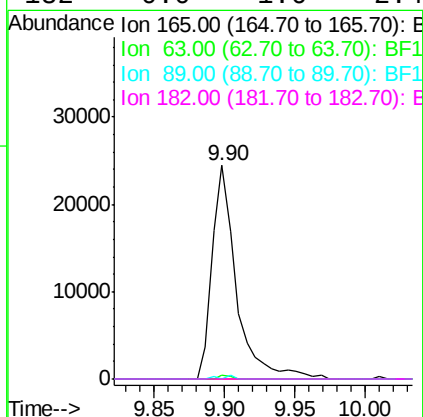
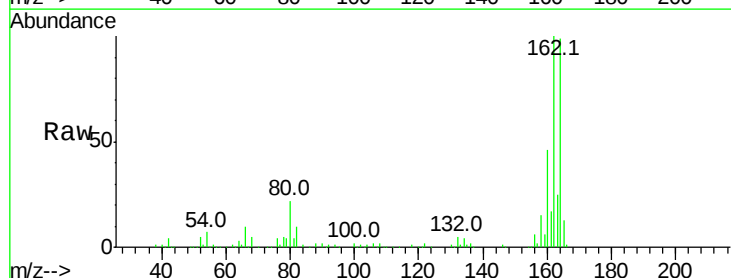
Instrument :
 BNA_F
 ClientSampleId :

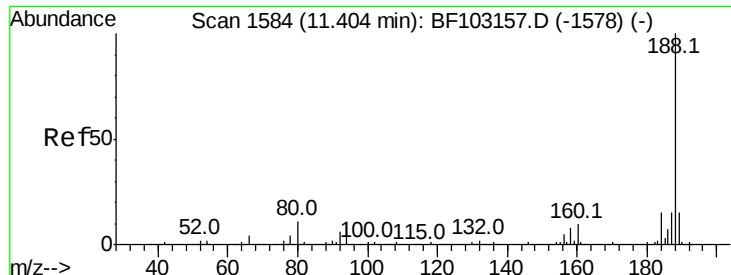
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.071 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.22 min
 Lab File: BF103593.D
 Acq: 12 Mar 2018 20:23

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

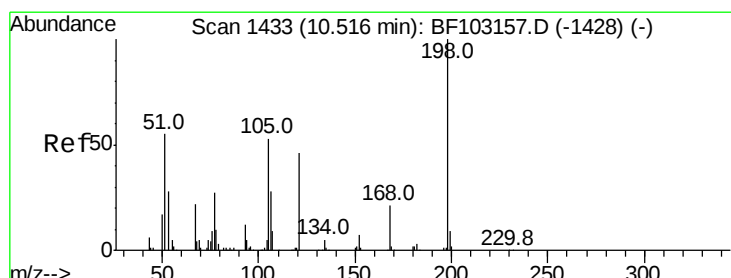
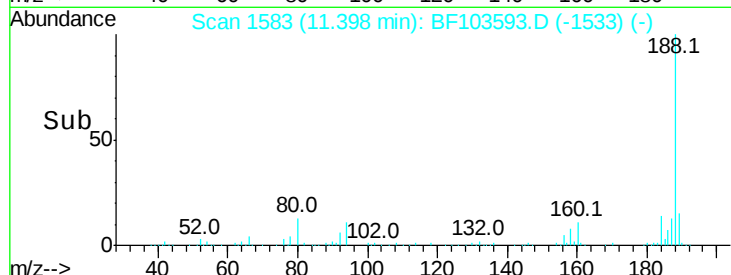
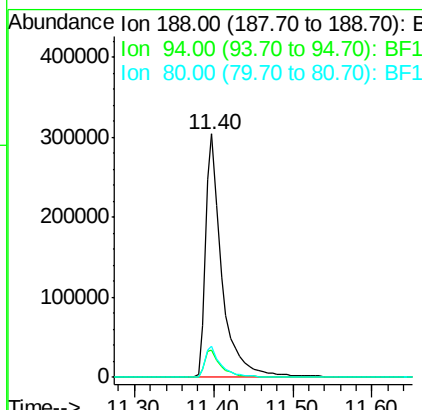
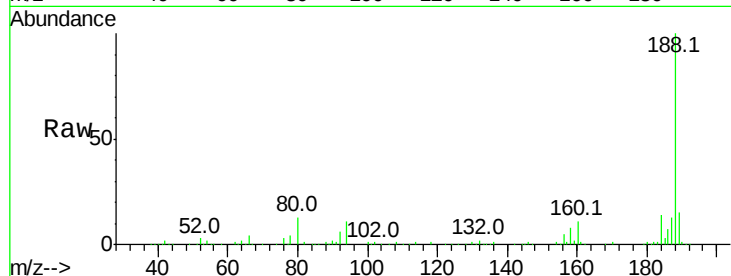




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103593.D
Acq: 12 Mar 2018 20:23

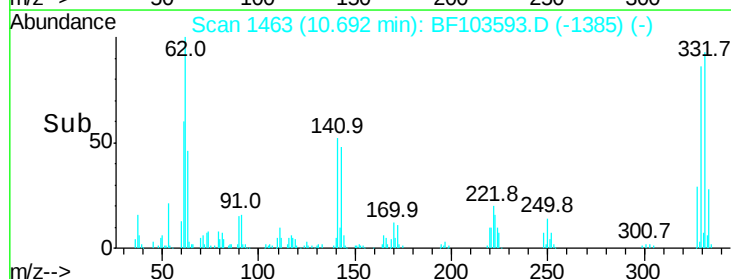
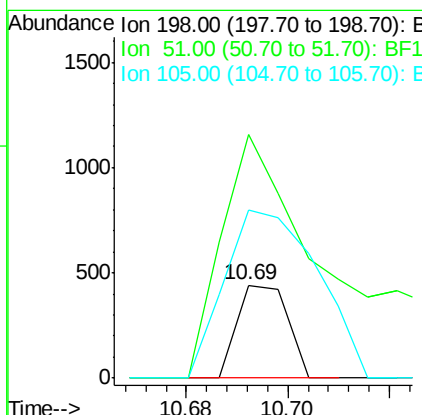
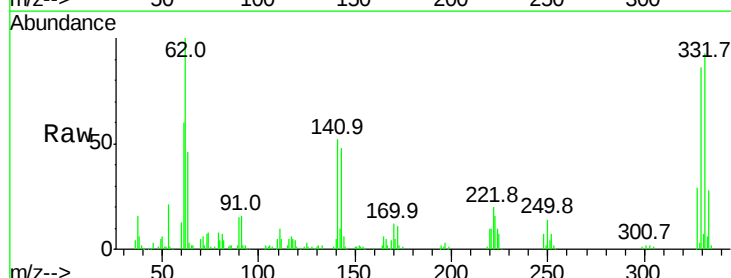
Instrument :
BNA_F
ClientSampleId :

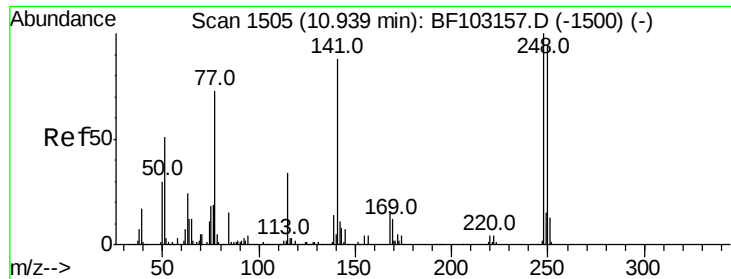
Tot Ion:188 Resp: 438958
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.047 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.16 min
Lab File: BF103593.D
Acq: 12 Mar 2018 20:23

Tgt Ion:198 Resp: 303
Ion Ratio Lower Upper
198 100
51 262.4 37.7 77.7#
105 181.2 36.3 76.3#

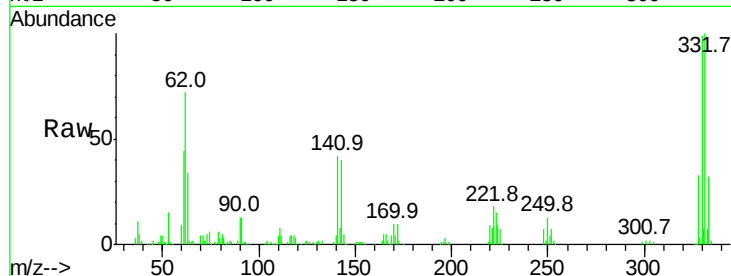




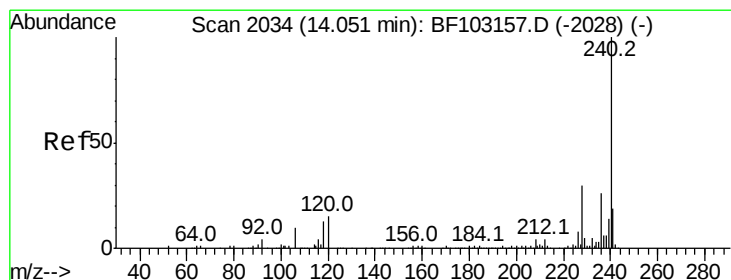
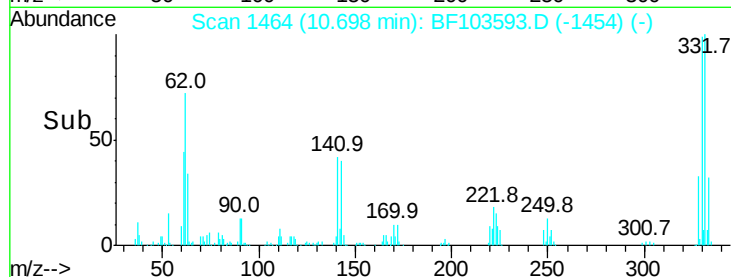
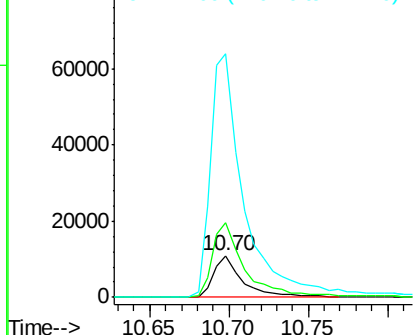
#66
4-Bromophenyl-phenylether
Concen: 3.025 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF103593.D
Acq: 12 Mar 2018 20:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13830
Ion Ratio Lower Upper
248 100
250 176.8 76.9 115.3#
141 580.5 74.4 111.6#

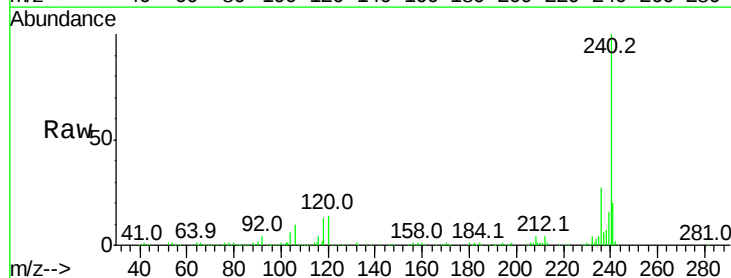


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

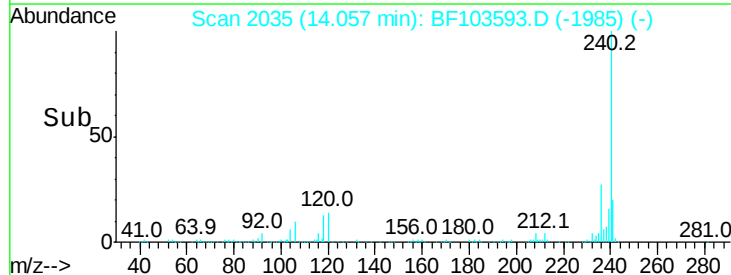
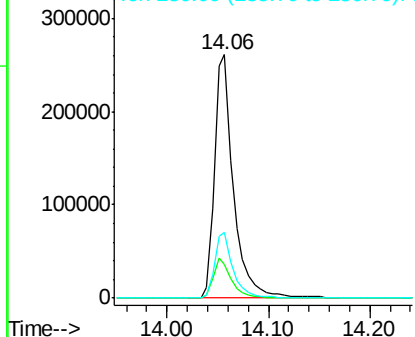


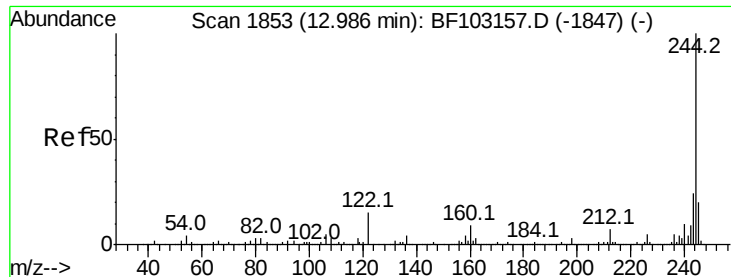
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103593.D
Acq: 12 Mar 2018 20:23

Tgt Ion:240 Resp: 339546
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 26.9 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: 69.234 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103593.D

Acq: 12 Mar 2018 20:23

Instrument :

BNA_F

ClientSampleId :

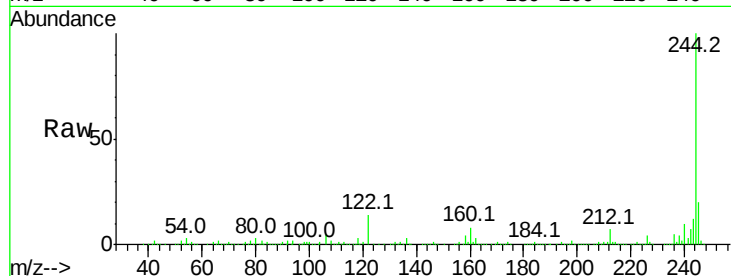
Tot Ion:244 Resp: 977923

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

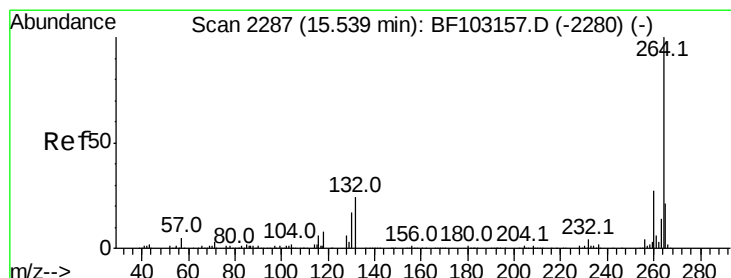
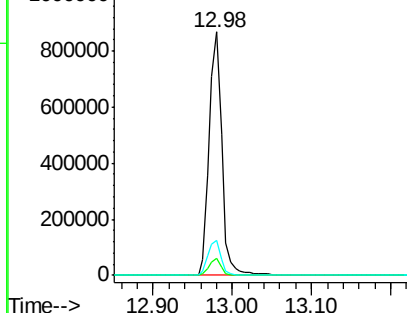
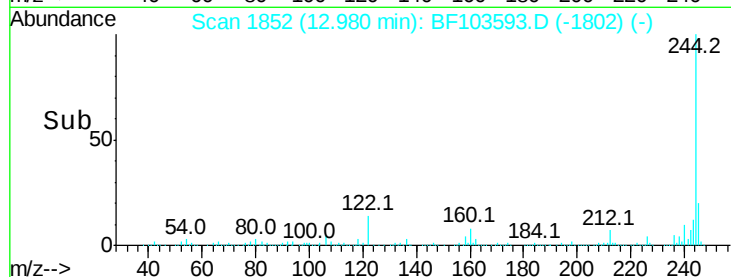
122 14.1 11.0 16.4



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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF103593.D

Acq: 12 Mar 2018 20:23

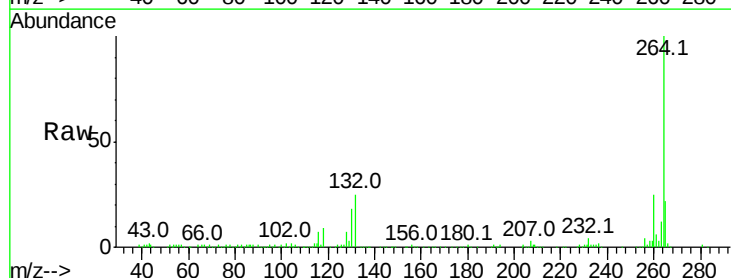
Tgt Ion:264 Resp: 316530

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.9 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

