

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103589.D
 Acq On : 12 Mar 2018 18:35
 Operator : SJ/JU
 Sample : J1867-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:18:42 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

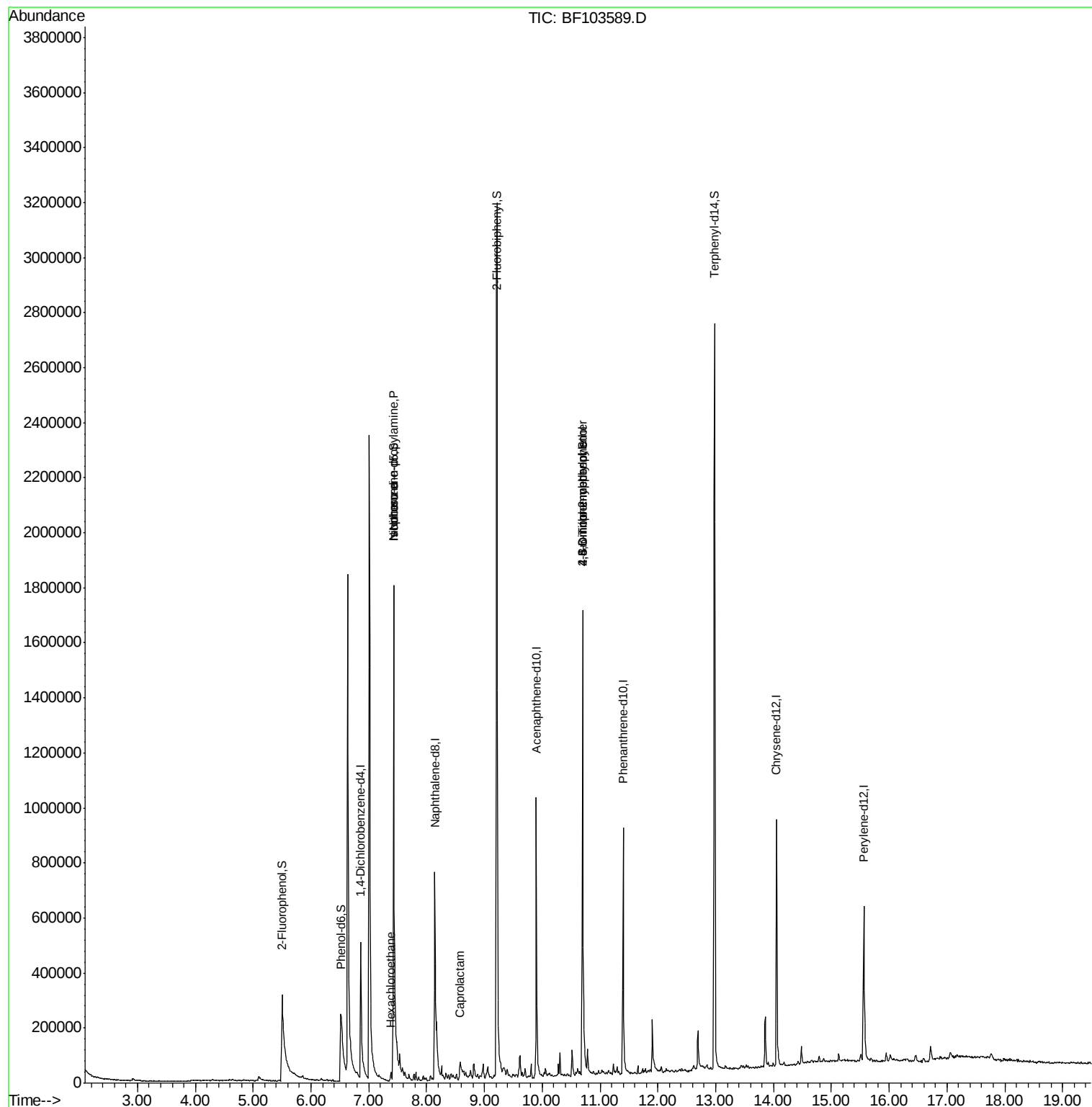
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	128564	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	560096	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	229478	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	415557	20.00	ng	0.00
75) Chrysene-d12	14.06	240	355692	20.00	ng	0.00
86) Perylene-d12	15.56	264	317424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	372643	43.84	ng	0.01
7) Phenol-d6	6.52	99	318761	30.65	ng	0.00
23) Nitrobenzene-d5	7.43	82	908220	92.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	237251	122.14	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1244944	96.47	ng	0.00
78) Terphenyl-d14	12.98	244	1041619	70.40	ng	0.00
Target Compounds						
18) Hexachloroethane	7.39	117	9039	2.454	ng	# 2
19) n-Nitroso-di-n-propylamine	7.43	70	117513	18.153	ng	# 83
25) Isophorone	7.43	82	916688	47.457	ng	# 64
35) Caprolactam	8.57	113	14779	5.653	ng	95
64) 4,6-Dinitro-2-methylphenol	10.69	198	313	5.056	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	15115	3.492	ng	# 1

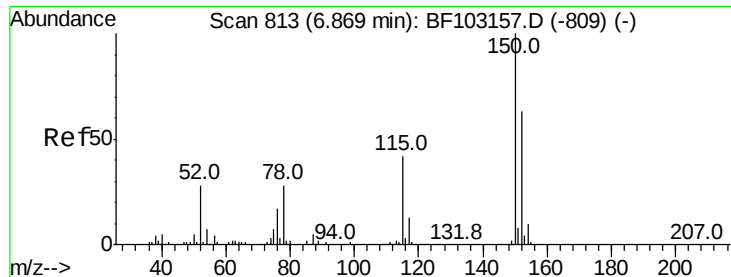
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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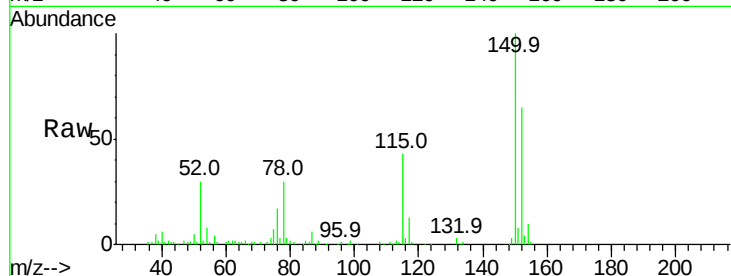


#1

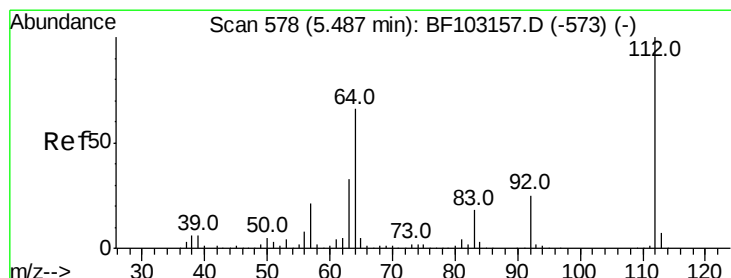
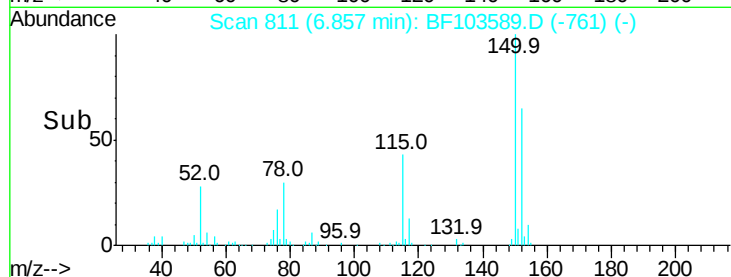
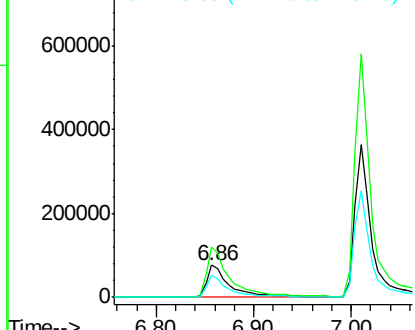
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103589.D
Acq: 12 Mar 2018 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128564
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 66.8 50.1 75.1



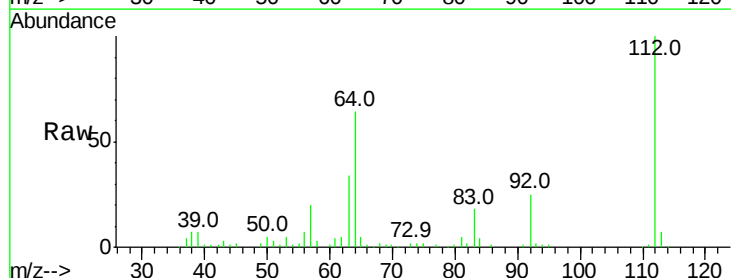
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



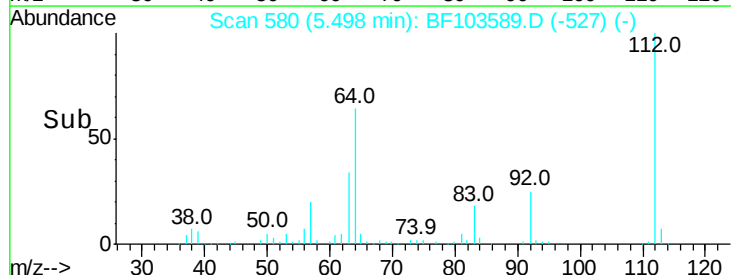
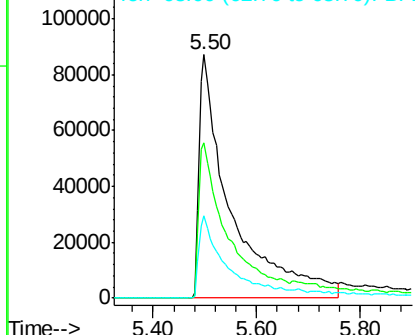
#5

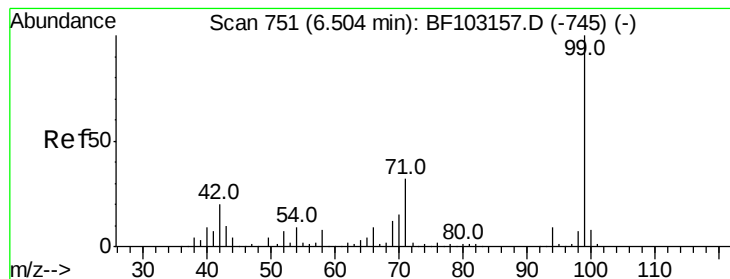
2-Fluorophenol
Concen: 43.838 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103589.D
Acq: 12 Mar 2018 18:35

Tgt Ion:112 Resp: 372643
Ion Ratio Lower Upper
112 100
64 63.7 47.9 71.9
63 33.6 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: 30.645 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103589.D

Acq: 12 Mar 2018 18:35

Instrument :

BNA_F

ClientSampleId :

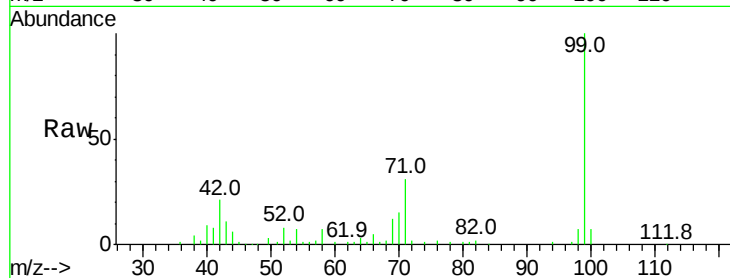
Tot Ion: 99 Resp: 318761

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

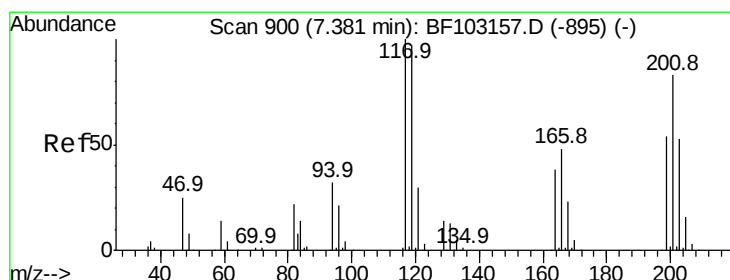
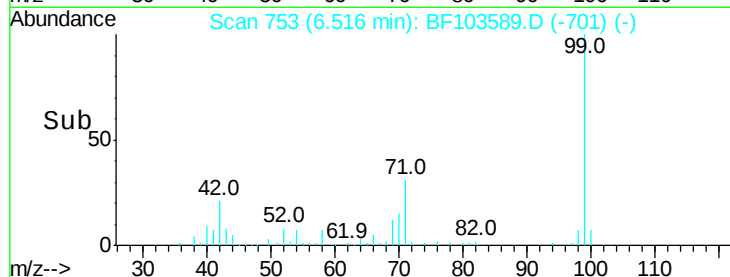
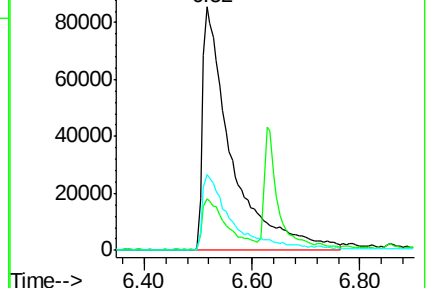
71 31.2 25.4 38.0



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



#18

Hexachloroethane

Concen: 2.454 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.02 min

Lab File: BF103589.D

Acq: 12 Mar 2018 18:35

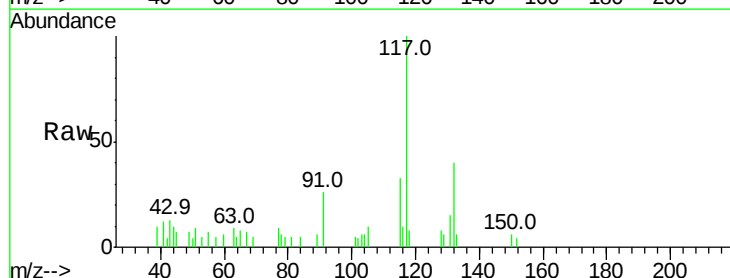
Tgt Ion: 117 Resp: 9039

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

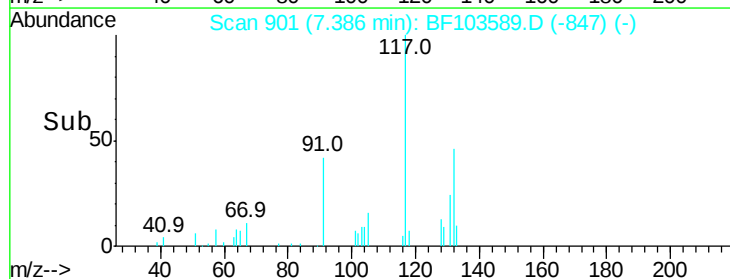
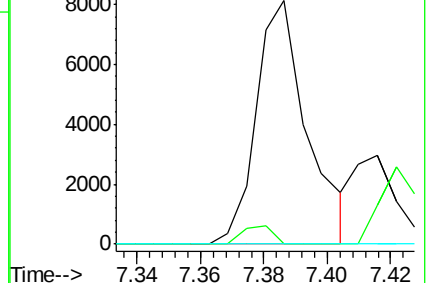
201 0.0 75.7 113.5#

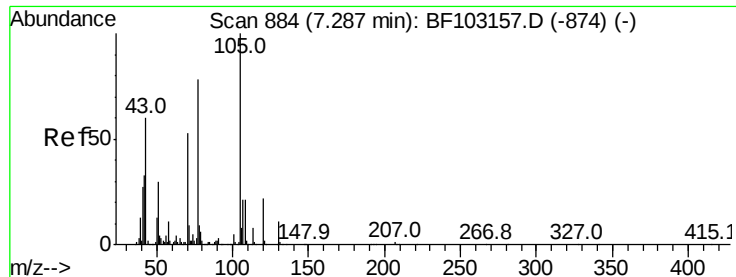


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

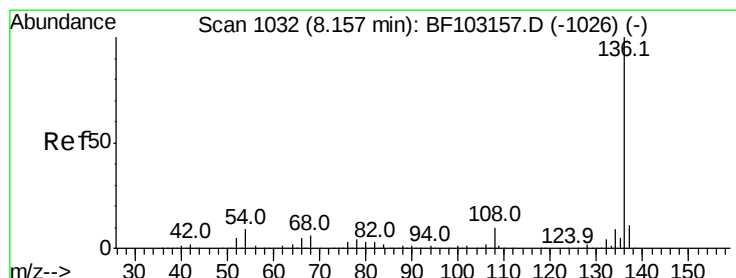
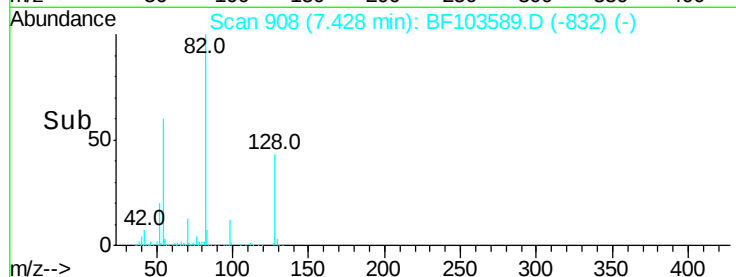
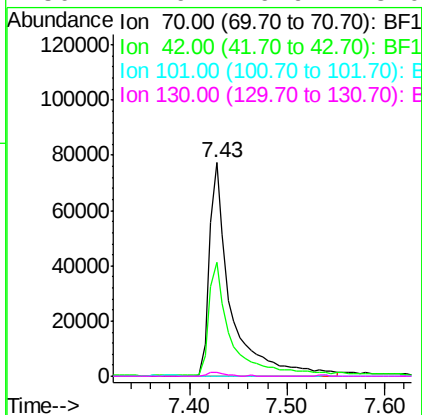
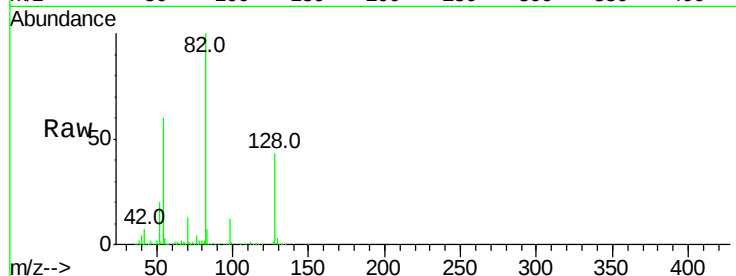




#19
n-Nitroso-di-n-propylamine
Concen: 18.153 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.15 min
Lab File: BF103589.D
Acq: 12 Mar 2018 18:35

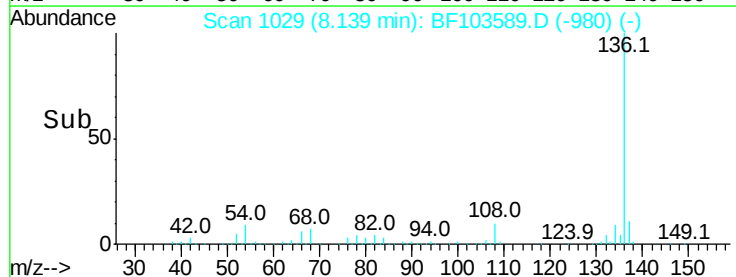
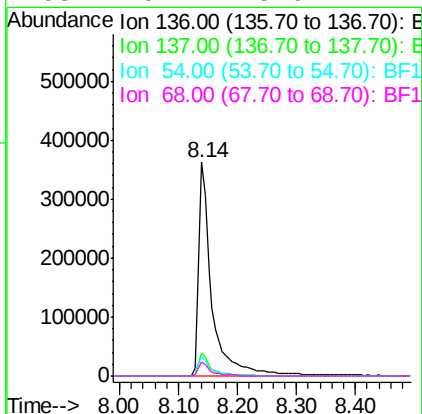
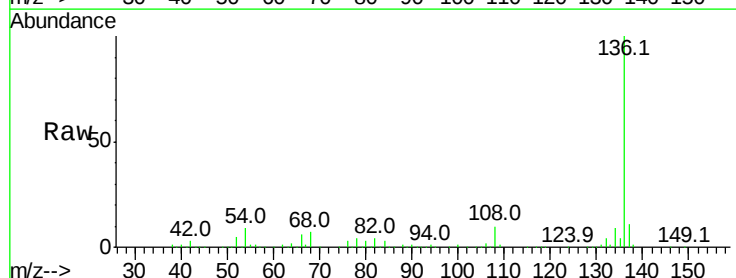
Instrument :
BNA_F
ClientSampleId :

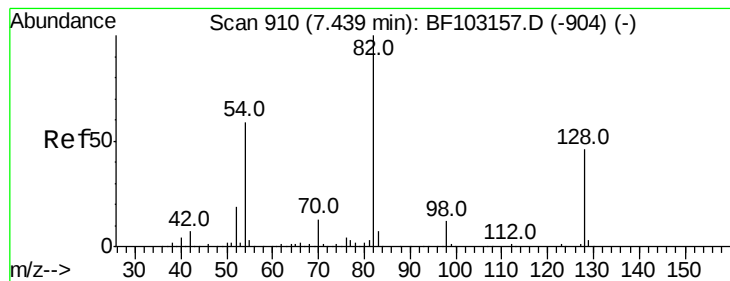
Tot Ion: 70 Resp: 117513
Ion Ratio Lower Upper
70 100
42 53.6 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF103589.D
Acq: 12 Mar 2018 18:35

Tgt Ion: 136 Resp: 560096
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.1 6.6 9.8
68 6.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 92.604 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF103589.D

Acq: 12 Mar 2018 18:35

Instrument :

BNA_F

ClientSampled :

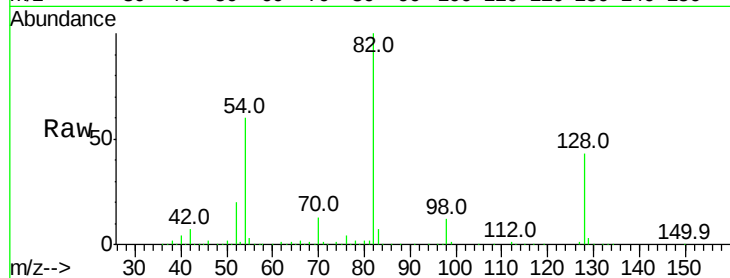
Tot Ion: 82 Resp: 908220

Ion Ratio Lower Upper

82 100

128 43.4 36.1 54.1

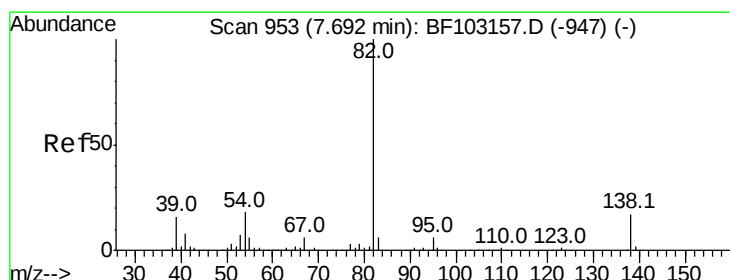
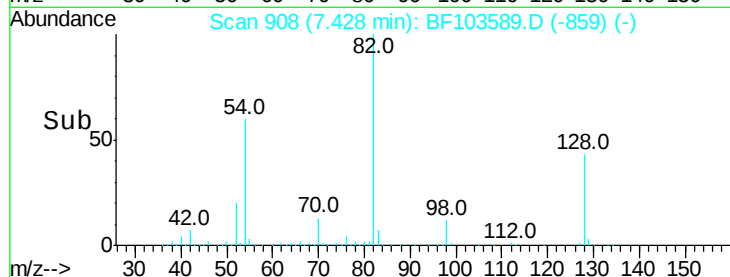
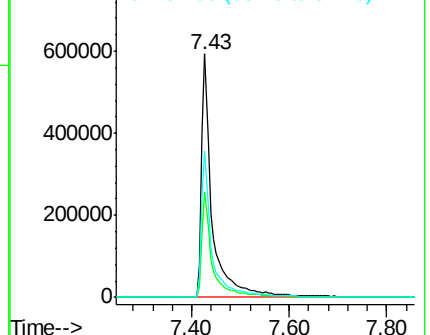
54 60.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 47.457 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF103589.D

Acq: 12 Mar 2018 18:35

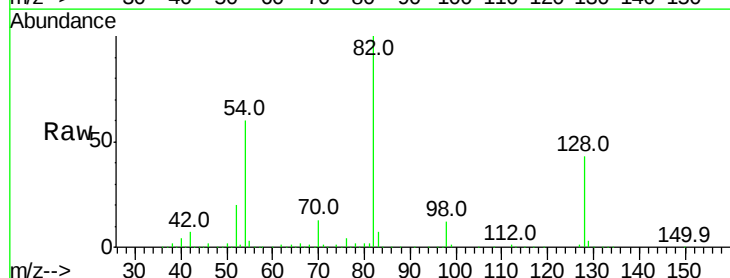
Tgt Ion: 82 Resp: 916688

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

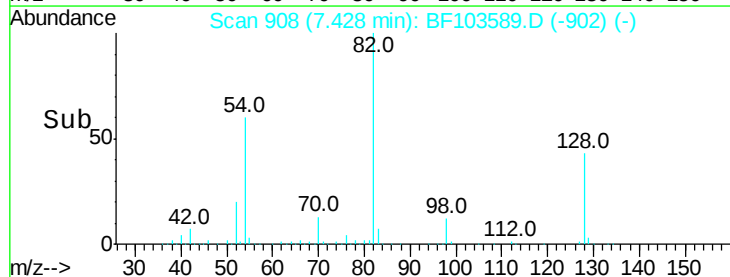
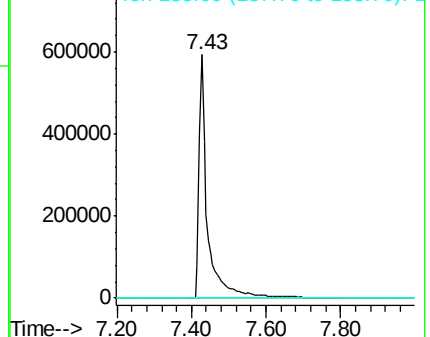
138 0.0 14.9 22.3#

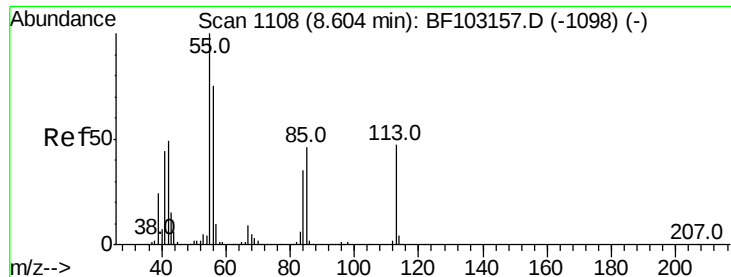


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#35

Caprolactam

Concen: 5.653 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.04 min

Lab File: BF103589.D

Acq: 12 Mar 2018 18:35

Instrument :

BNA_F

ClientSampled :

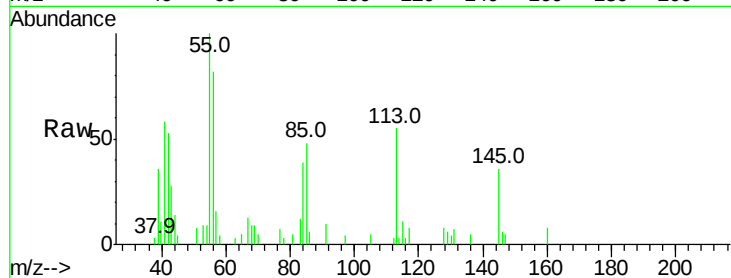
Tot Ion:113 Resp: 14779

Ion Ratio Lower Upper

113 100

55 183.1 163.3 203.3

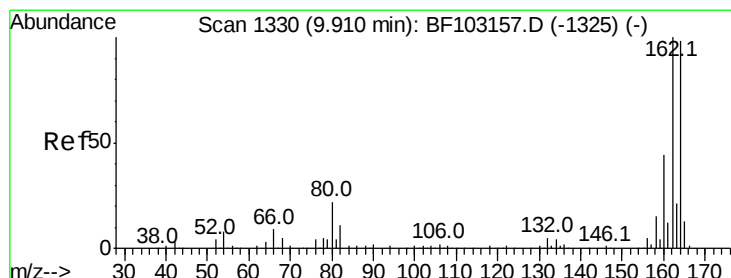
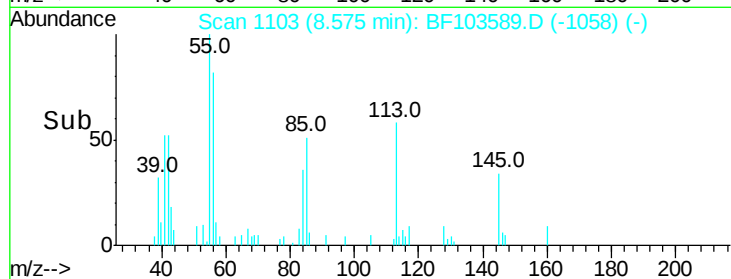
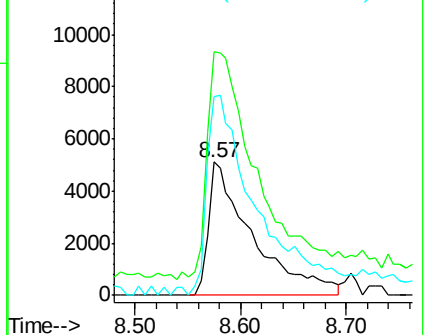
56 149.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF103589.D

Acq: 12 Mar 2018 18:35

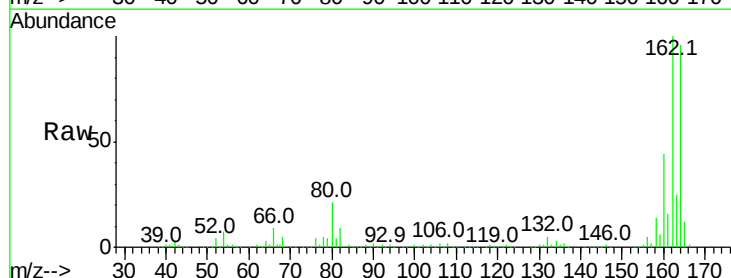
Tgt Ion:164 Resp: 229478

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

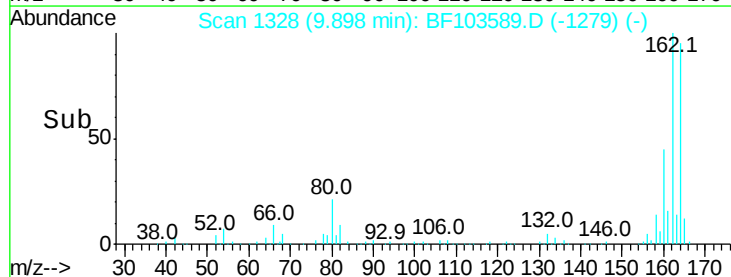
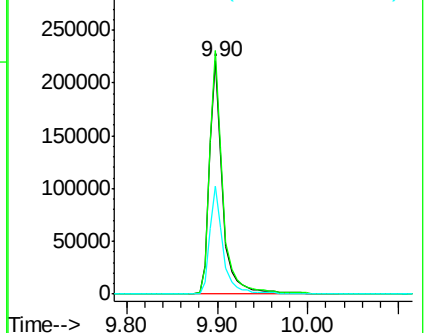
160 46.4 38.3 57.5

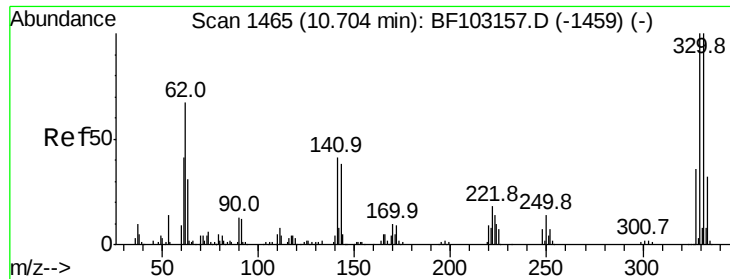


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

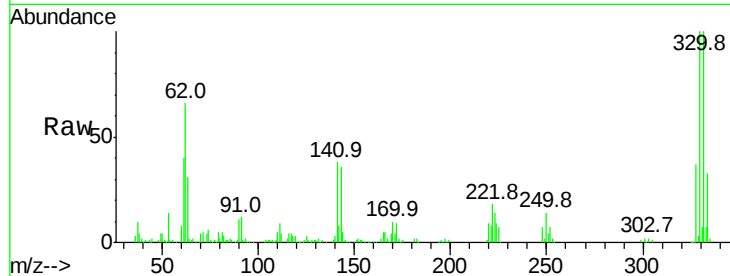




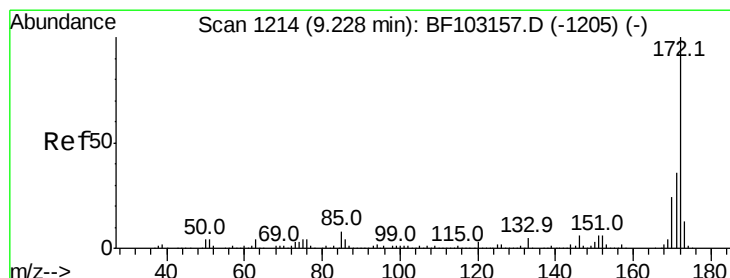
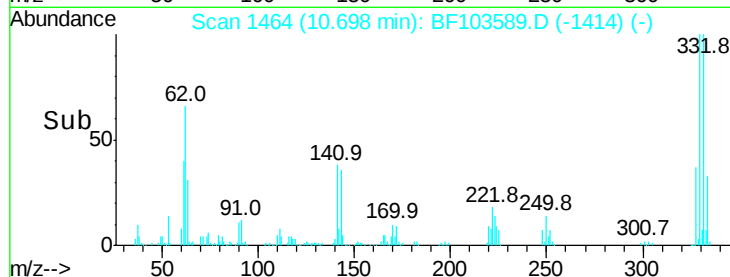
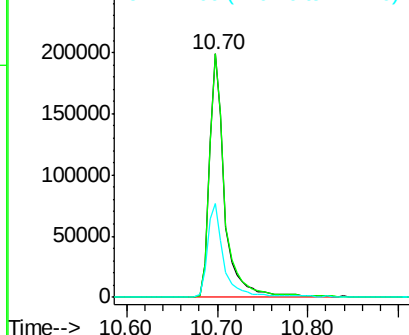
#41
 2,4,6-Tribromophenol
 Concen: 122.143 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103589.D
 Acq: 12 Mar 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 237251
 Ion Ratio Lower Upper
 330 100
 332 100.9 77.0 115.6
 141 40.8 29.9 44.9

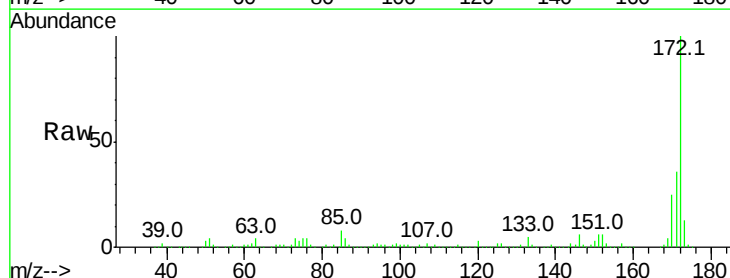


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

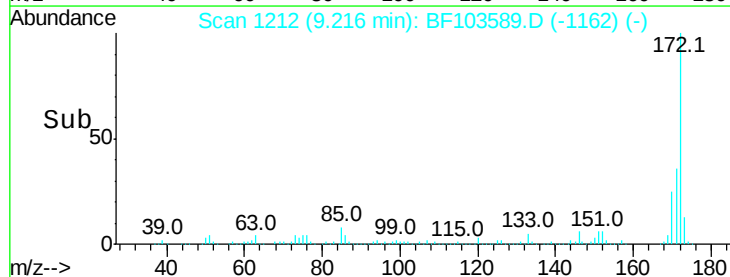
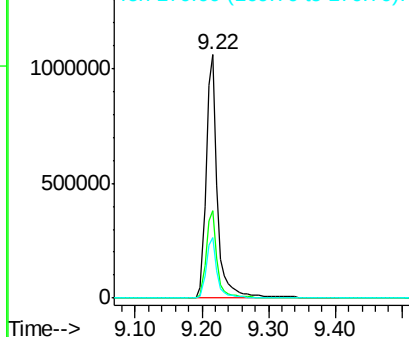


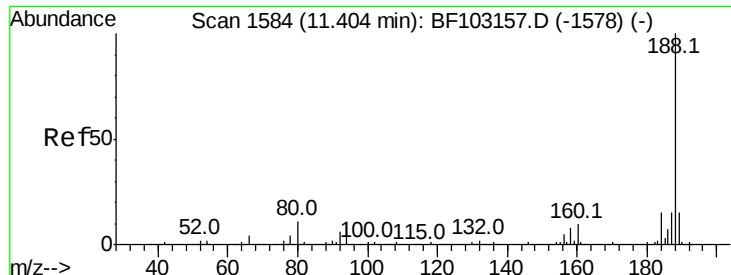
#44
 2-Fluorobiphenyl
 Concen: 96.468 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103589.D
 Acq: 12 Mar 2018 18:35

Tgt Ion:172 Resp: 1244944
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.7 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

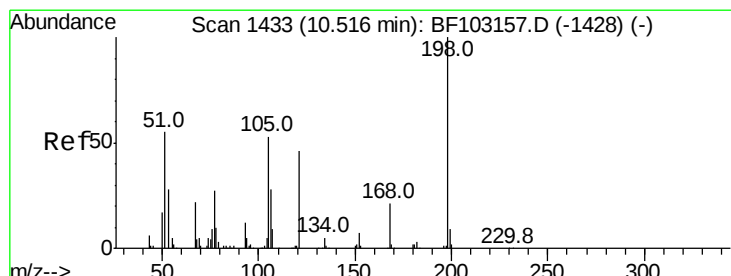
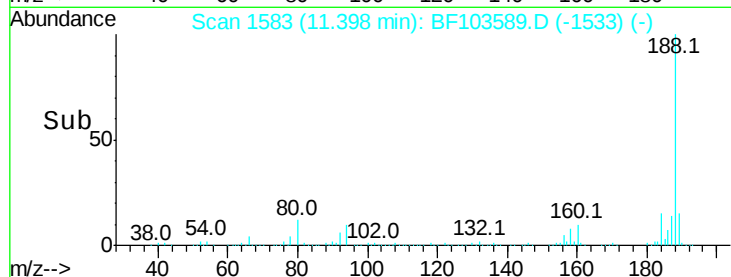
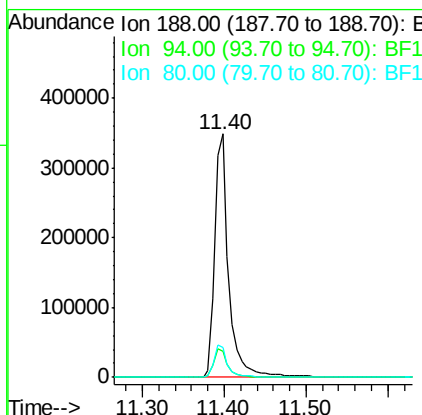
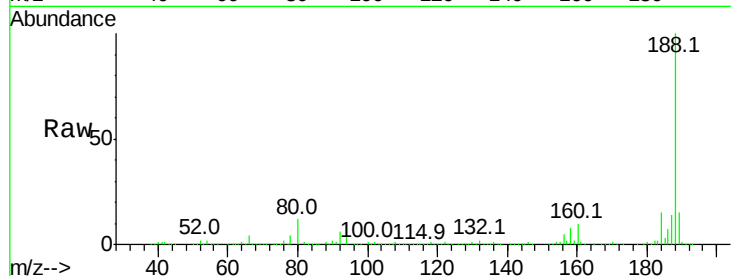




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103589.D
Acq: 12 Mar 2018 18:35

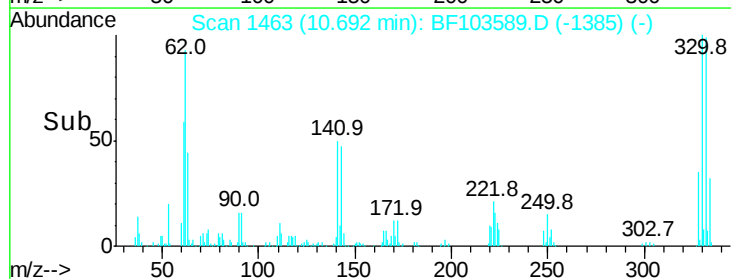
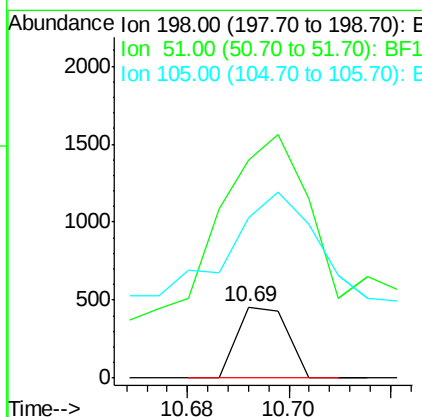
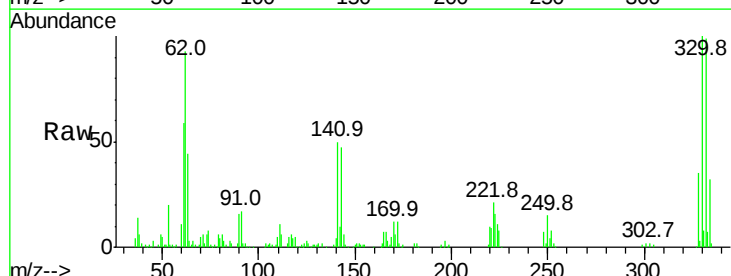
Instrument :
BNA_F
ClientSampleId :

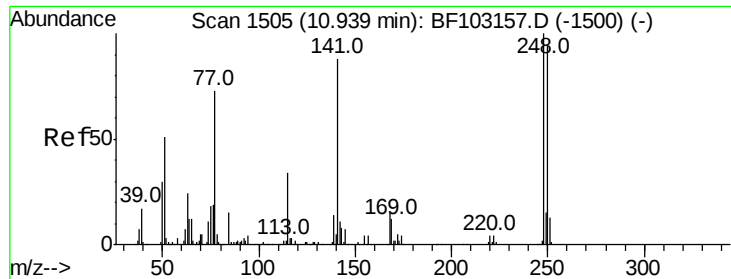
Tot Ion:188 Resp: 415557
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 12.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.056 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.16 min
Lab File: BF103589.D
Acq: 12 Mar 2018 18:35

Tgt Ion:198 Resp: 313
Ion Ratio Lower Upper
198 100
51 306.6 37.7 77.7#
105 224.3 36.3 76.3#

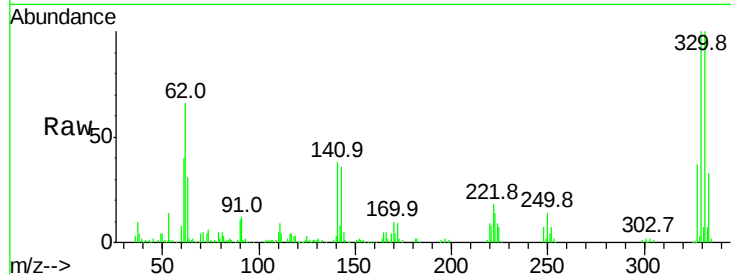




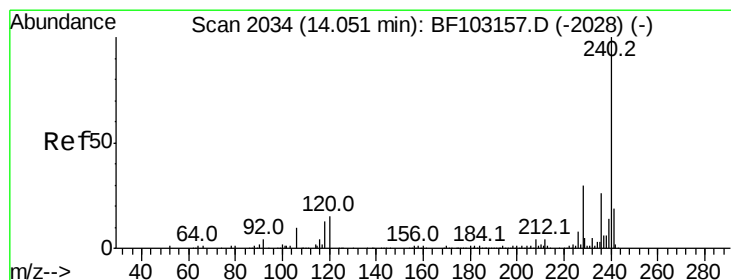
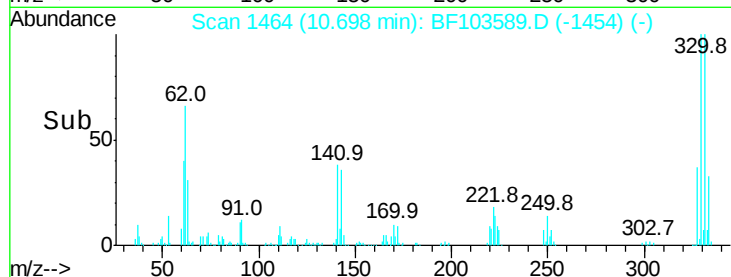
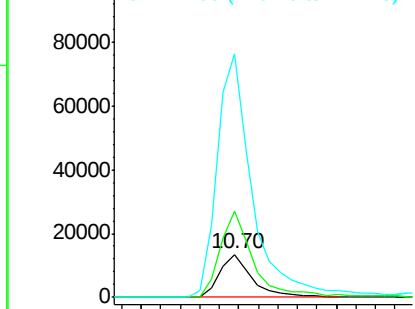
#66
4-Bromophenyl-phenylether
Concen: 3.492 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF103589.D
Acq: 12 Mar 2018 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 15115
Ion Ratio Lower Upper
248 100
250 201.7 76.9 115.3#
141 570.9 74.4 111.6#

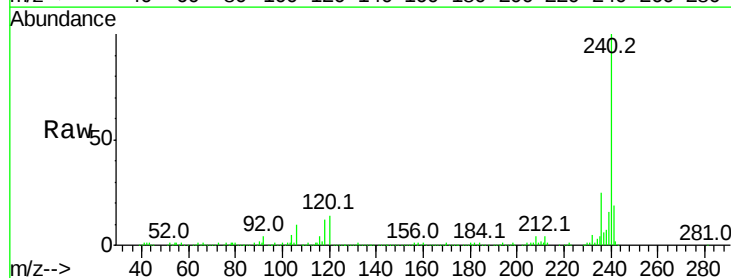


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

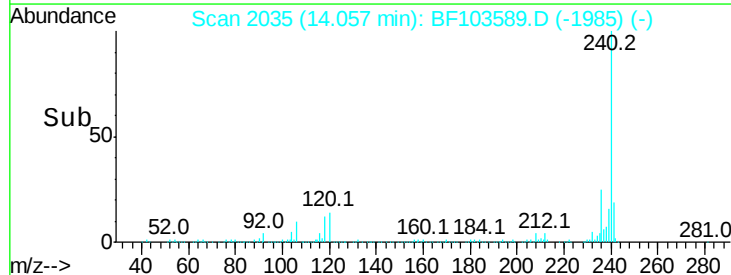
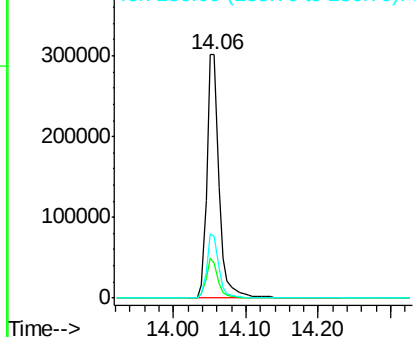


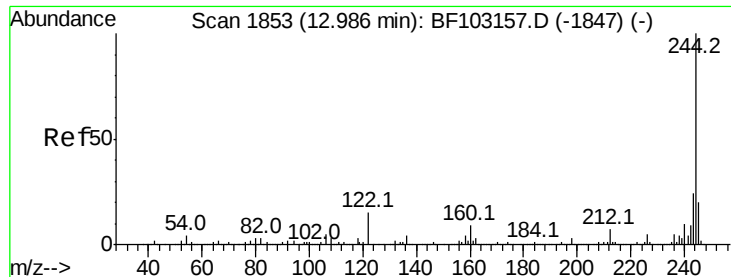
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103589.D
Acq: 12 Mar 2018 18:35

Tgt Ion:240 Resp: 355692
Ion Ratio Lower Upper
240 100
120 14.1 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: 70.396 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103589.D

Acq: 12 Mar 2018 18:35

Instrument :

BNA_F

ClientSampleId :

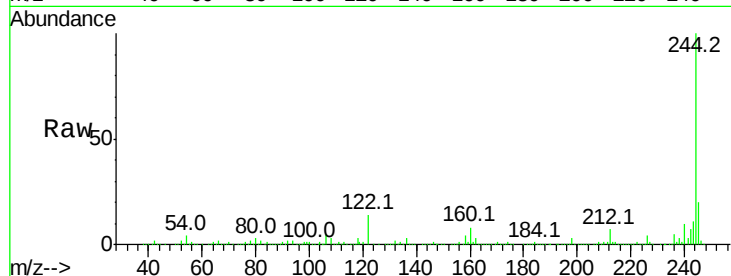
Tot Ion:244 Resp: 1041619

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

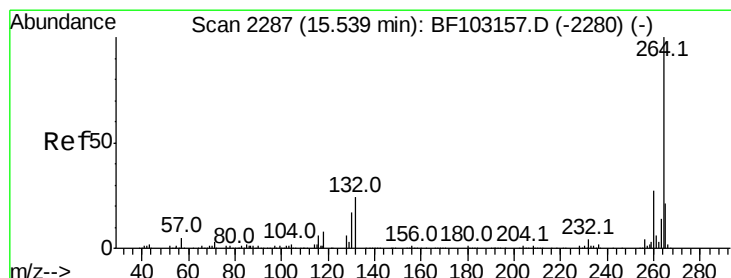
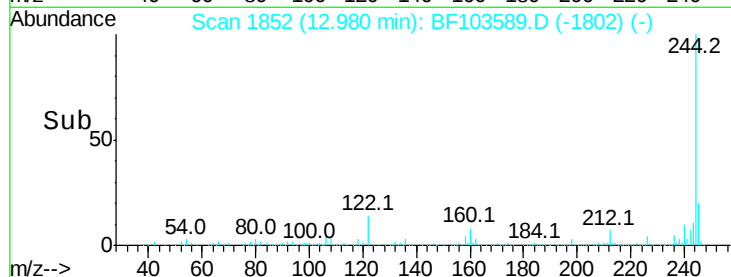
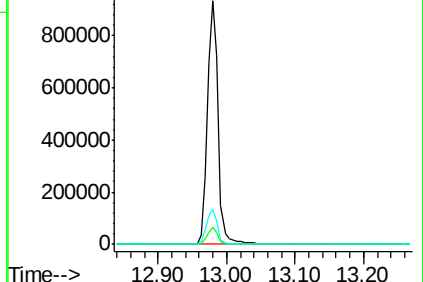
122 14.5 11.0 16.4



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: BF103589.D

Acq: 12 Mar 2018 18:35

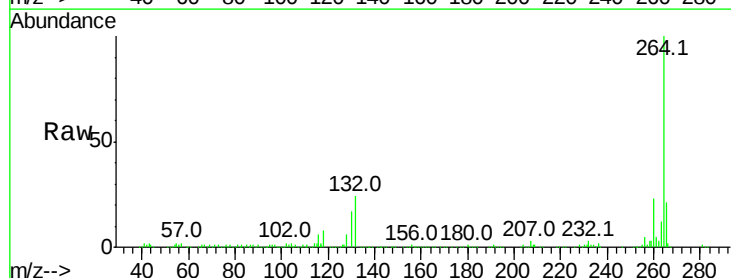
Tgt Ion:264 Resp: 317424

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.6 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

