

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103499.D
 Acq On : 7 Mar 2018 14:28
 Operator : SJ/JU
 Sample : J1699-13RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 15:30:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 07 11:40:36 2018
 Response via : Initial Calibration

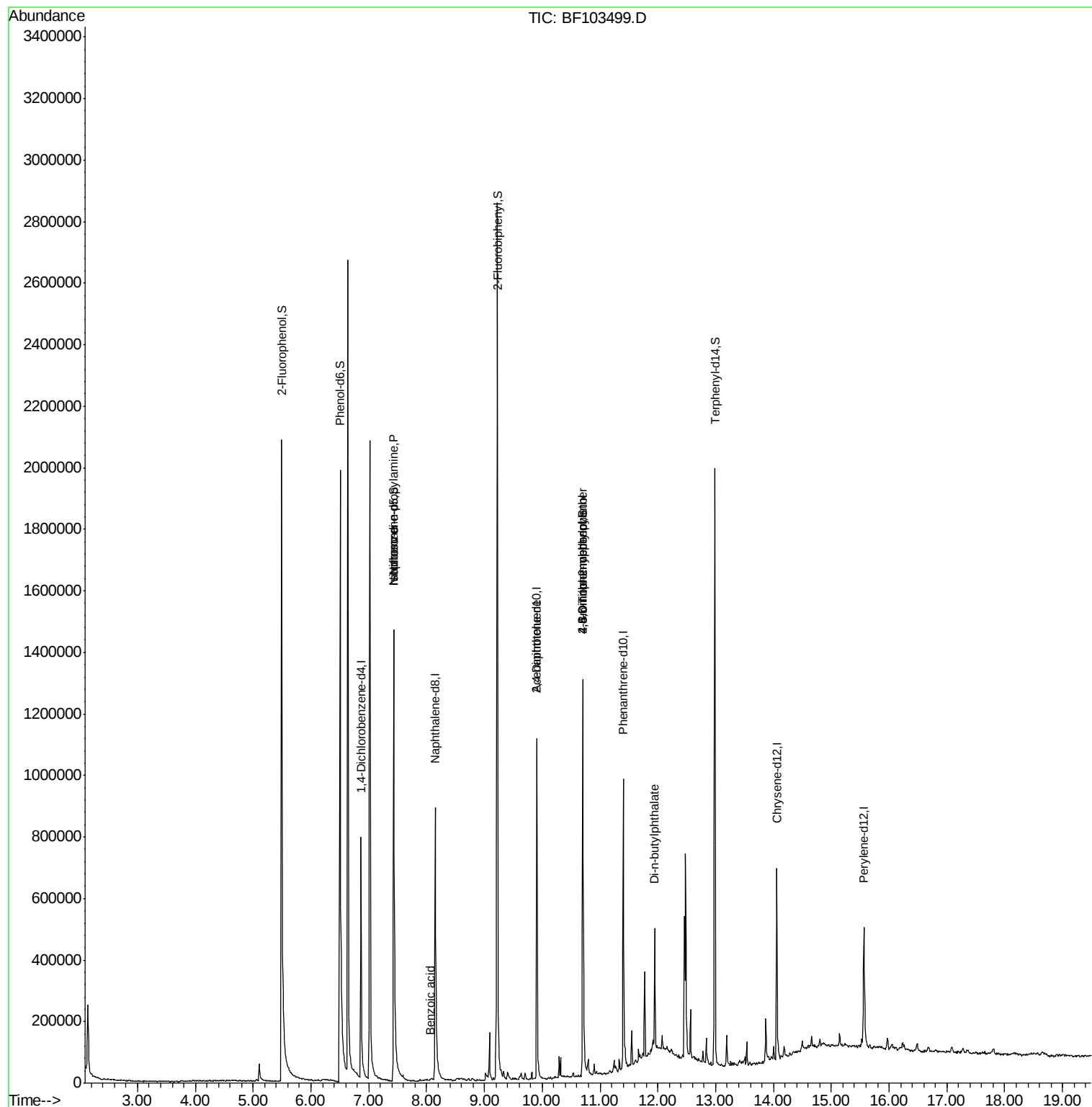
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	139068	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	629017	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	257596	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	417171	20.00	ng	0.00
75) Chrysene-d12	14.06	240	227408	20.00	ng	0.00
86) Perylene-d12	15.57	264	205777	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	849067	92.34	ng	0.00
7) Phenol-d6	6.50	99	1076781	95.70	ng	0.00
23) Nitrobenzene-d5	7.43	82	707968	64.28	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	167710	76.92	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	986476	61.71	ng	0.00
78) Terphenyl-d14	12.99	244	647713	68.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1464	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	93559	13.361 ng	#	82
25) Isophorone	7.43	82	707968	32.636 ng	#	64
32) Benzoic acid	8.06	122	110	6.928 ng	#	31
56) 2,4-Dinitrotoluene	9.90	165	32252	5.880 ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	324	5.060 ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	11181	2.573 ng	#	1
73) Di-n-butylphthalate	11.95	149	185177	6.312 ng		98

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

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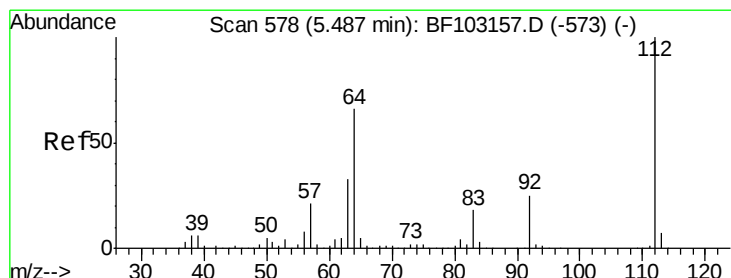
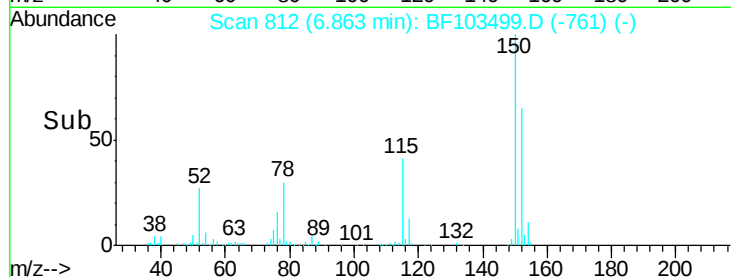
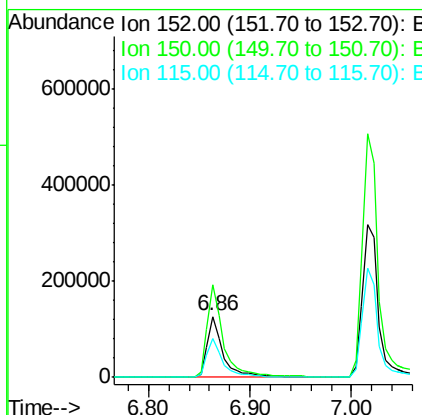
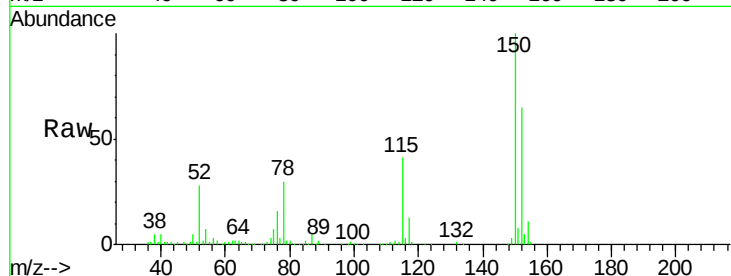


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103499.D
Acq: 7 Mar 2018 14:28

Instrument :
BNA_F
ClientSampleId :

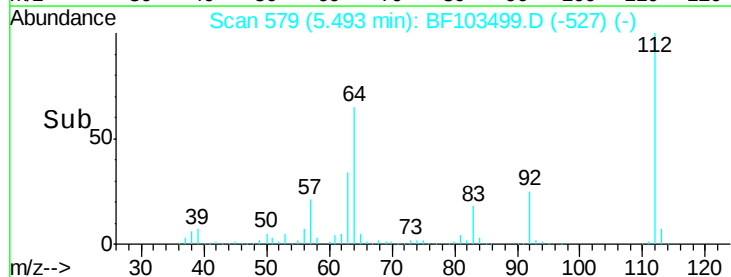
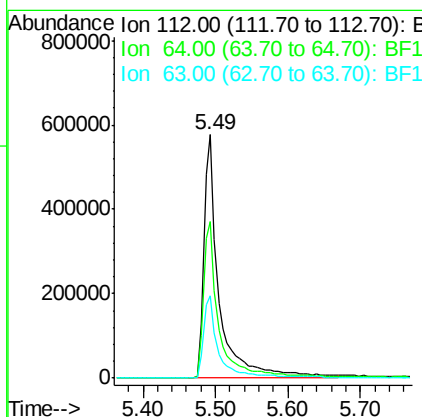
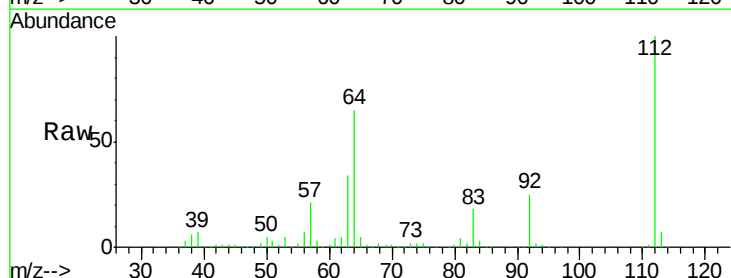
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	63.7	50.1	75.1

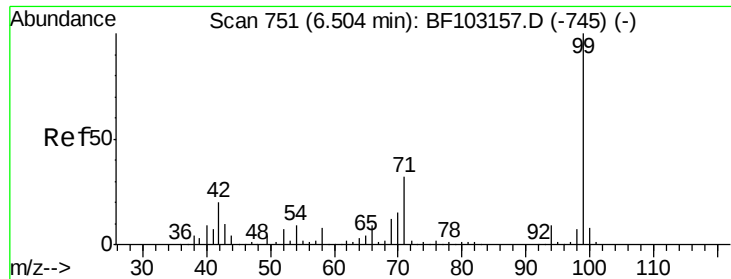


#5

2-Fluorophenol
Concen: 92.340 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103499.D
Acq: 7 Mar 2018 14:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	47.9	71.9
63	33.6	23.7	35.5





#7

Phenol-d6

Concen: 95.701 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103499.D

Acq: 7 Mar 2018 14:28

Instrument :

BNA_F

ClientSampleId :

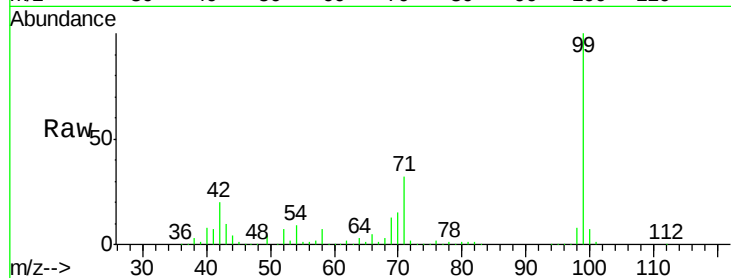
Tot Ion: 99 Resp: 1076781

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

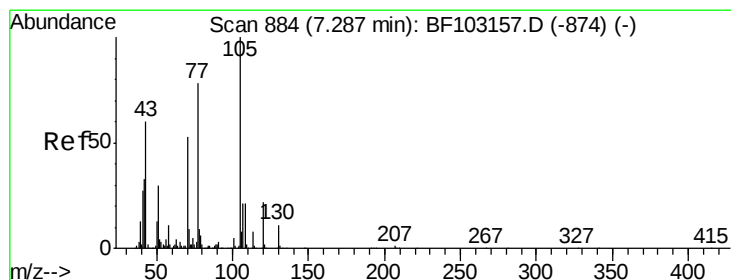
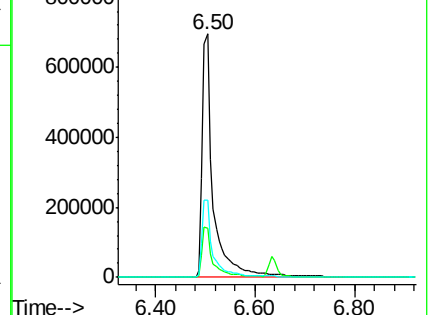
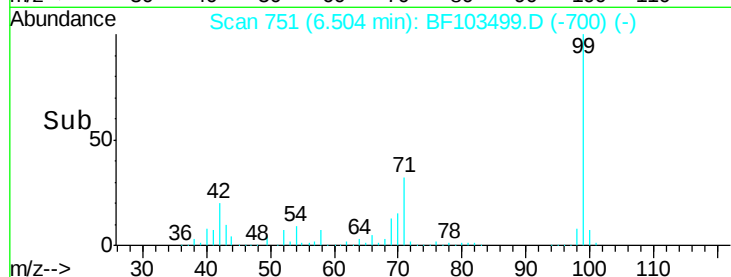
71 32.0 25.4 38.0



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: 13.361 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.15 min

Lab File: BF103499.D

Acq: 7 Mar 2018 14:28

Tgt Ion: 70 Resp: 93559

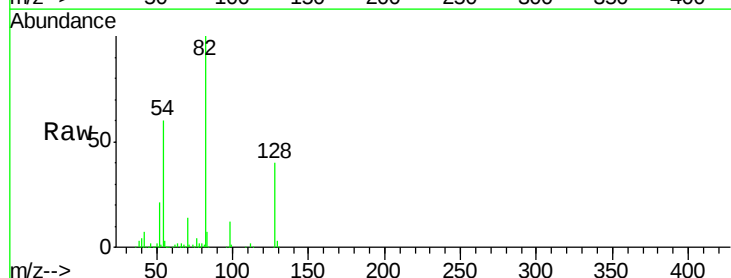
Ion Ratio Lower Upper

70 100

42 53.1 47.5 71.3

101 0.0 7.4 11.2#

130 1.6 16.6 25.0#

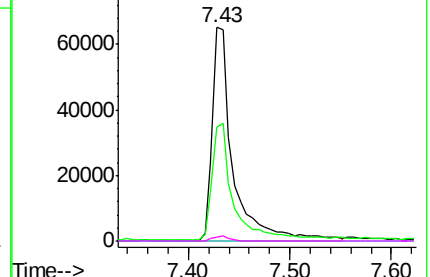
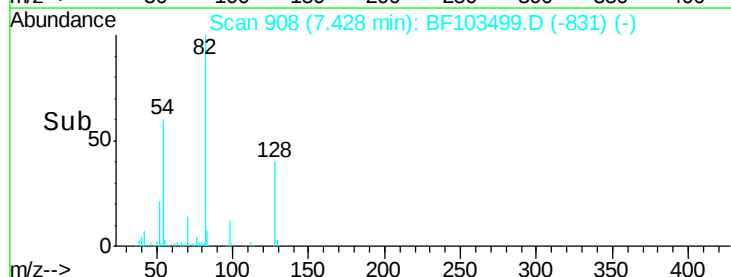


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

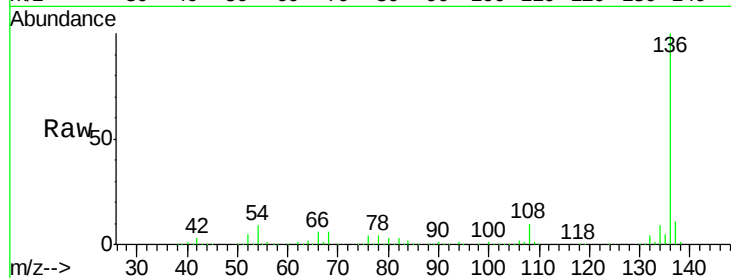




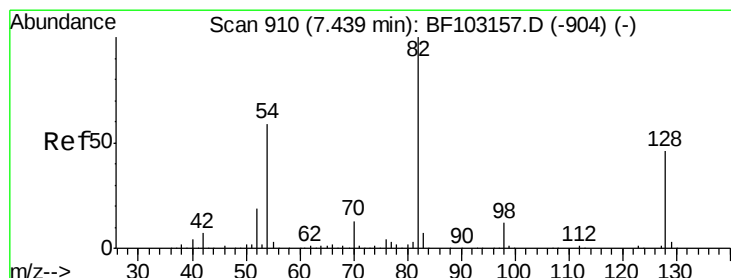
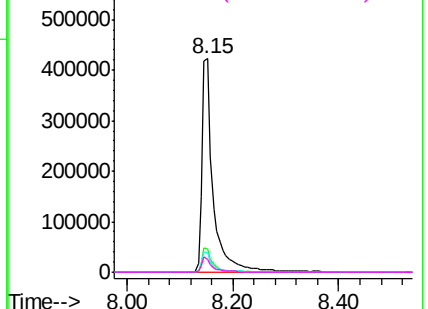
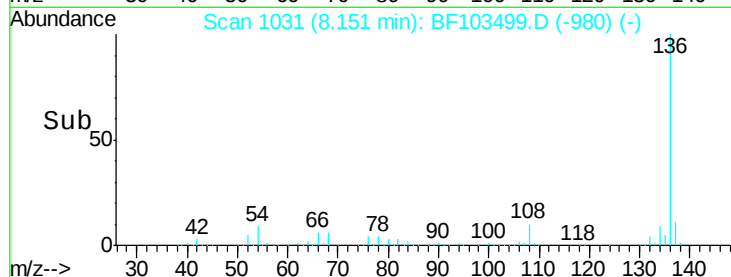
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103499.D
Acq: 7 Mar 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 629017
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 8.9	6.6 9.8
68 6.2	5.0 7.4

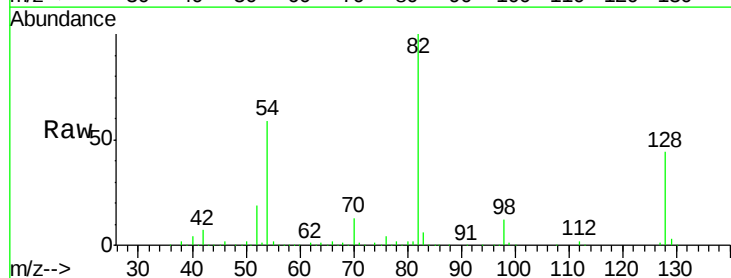


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

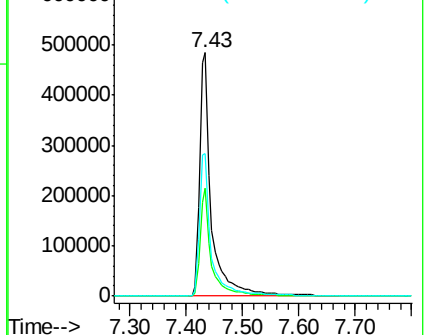
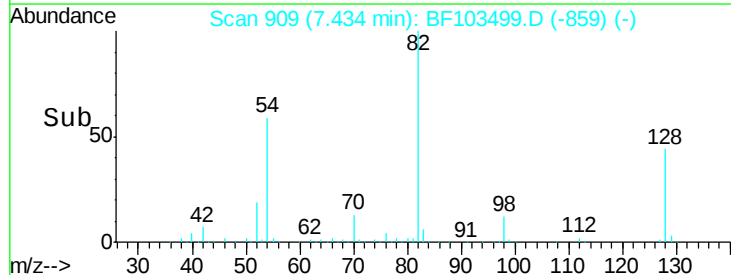


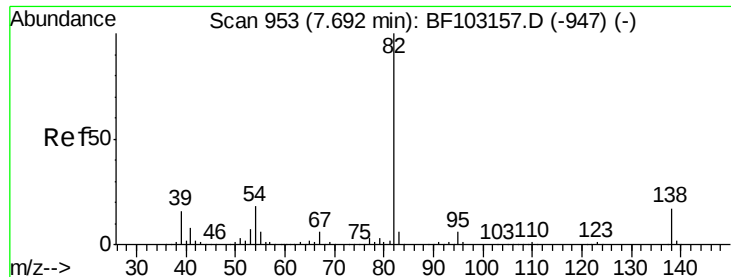
#23
Nitrobenzene-d5
Concen: 64.276 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103499.D
Acq: 7 Mar 2018 14:28

Tgt Ion: 82	Resp: 707968
Ion Ratio	Lower Upper
82 100	
128 44.2	36.1 54.1
54 58.6	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.636 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103499.D

Acq: 7 Mar 2018 14:28

Instrument :

BNA_F

ClientSampleId :

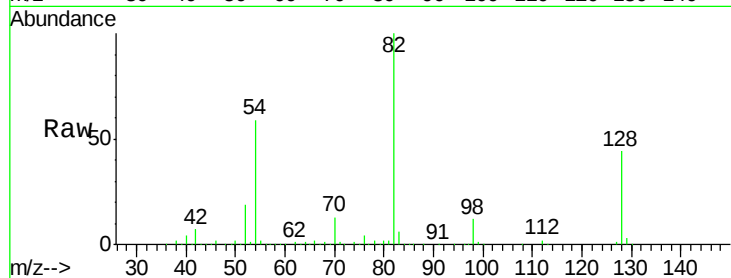
Tot Ion: 82 Resp: 707968

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

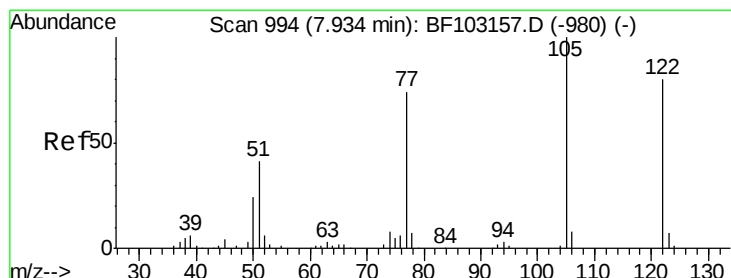
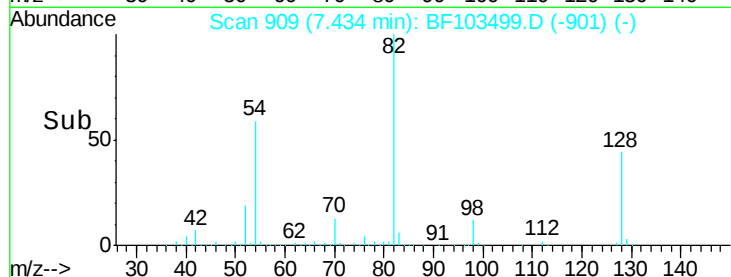
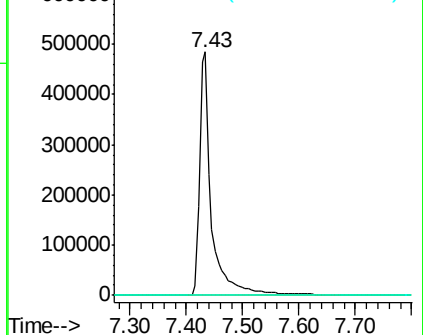
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 6.928 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.10 min

Lab File: BF103499.D

Acq: 7 Mar 2018 14:28

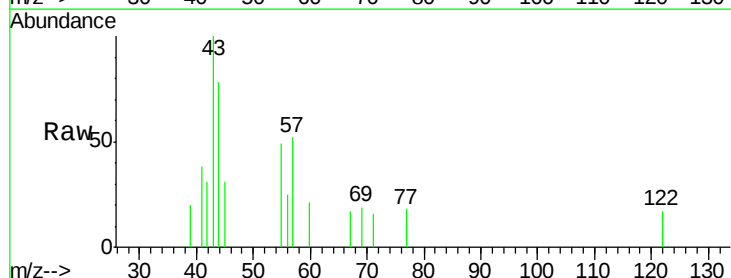
Tgt Ion: 122 Resp: 110

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

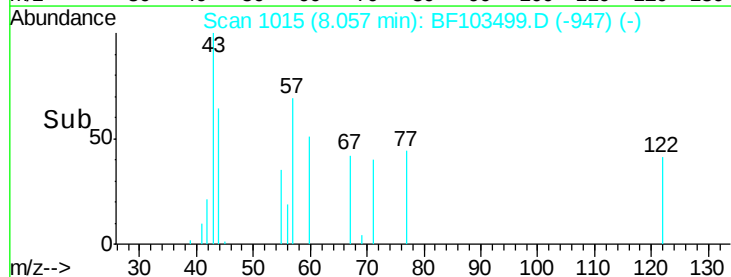
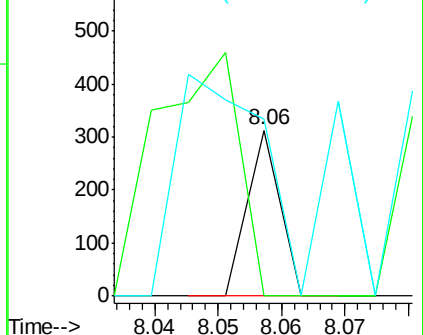
77 107.0 70.7 110.7

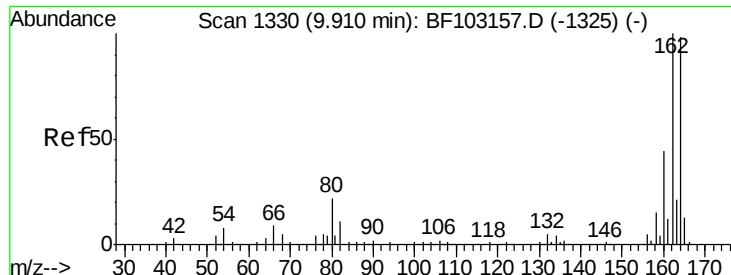


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103499.D

Acq: 7 Mar 2018 14:28

Instrument :

BNA_F

ClientSampleId :

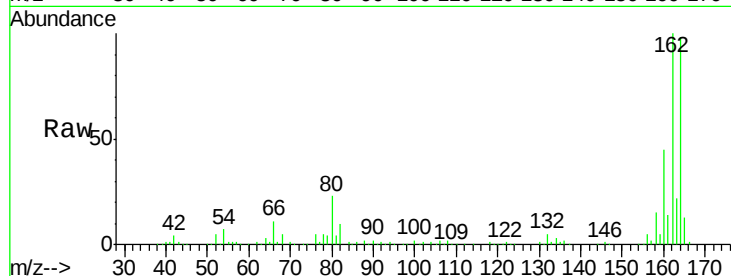
Tot Ion:164 Resp: 257596

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

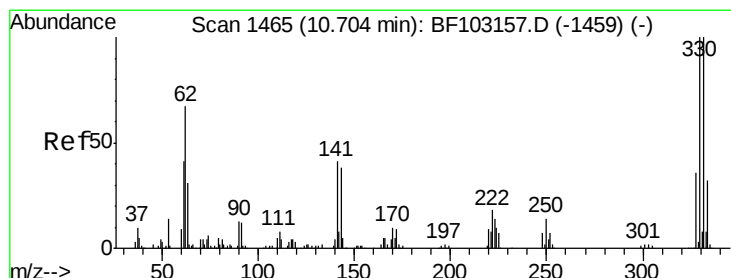
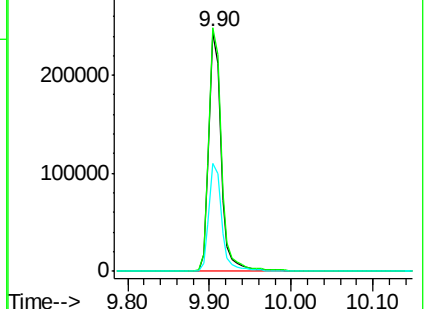
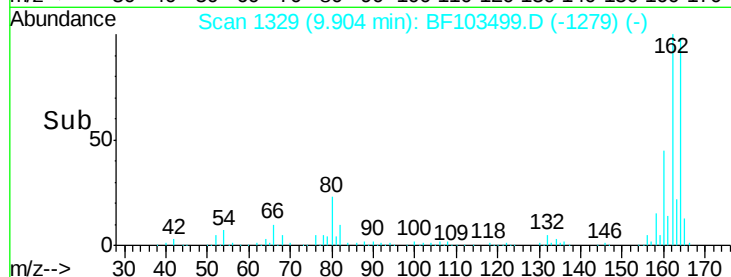
160 45.5 38.3 57.5



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: 76.917 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF103499.D

Acq: 7 Mar 2018 14:28

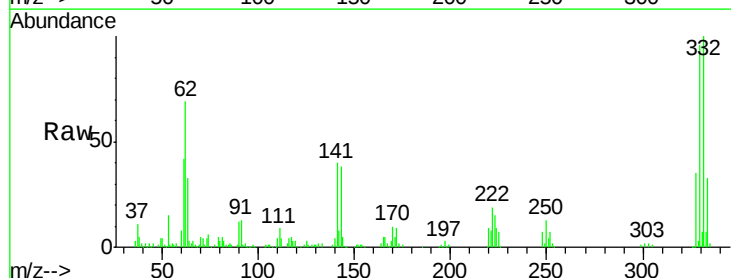
Tgt Ion:330 Resp: 167710

Ion Ratio Lower Upper

330 100

332 101.5 77.0 115.6

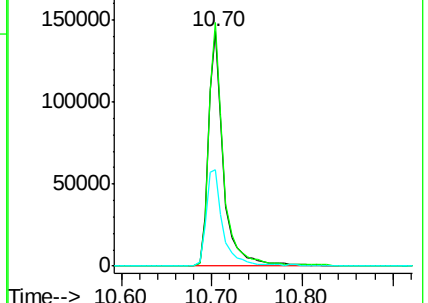
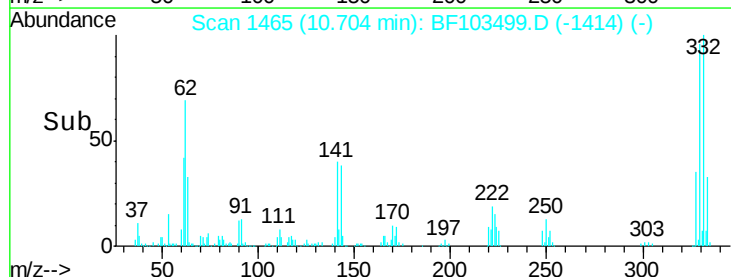
141 45.5 29.9 44.9#

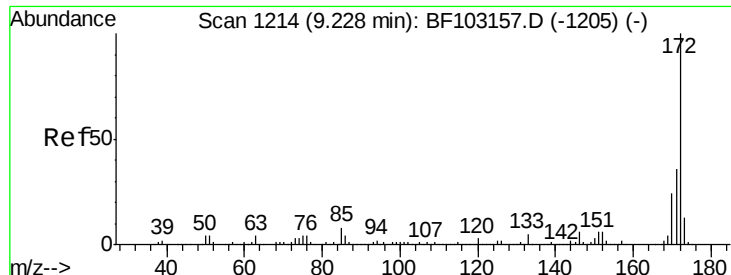


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

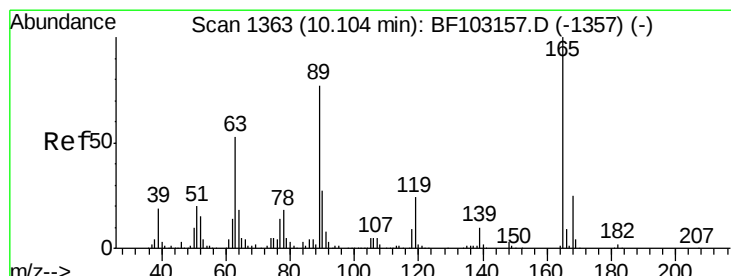
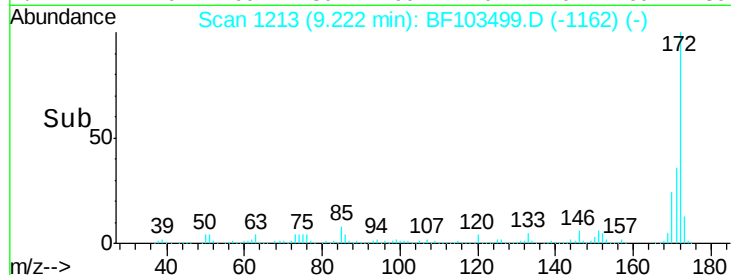
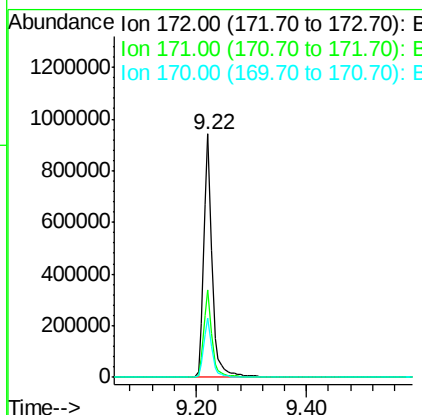
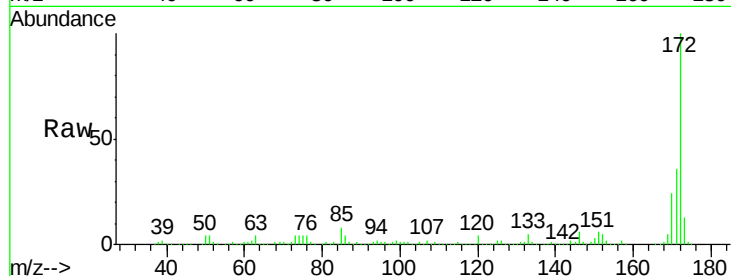




#44
 2-Fluorobiphenyl
 Concen: 61.713 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103499.D
 Acq: 7 Mar 2018 14:28

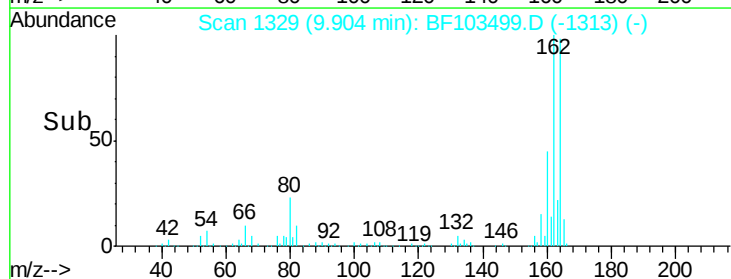
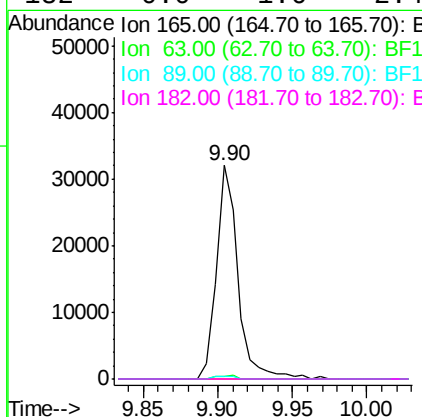
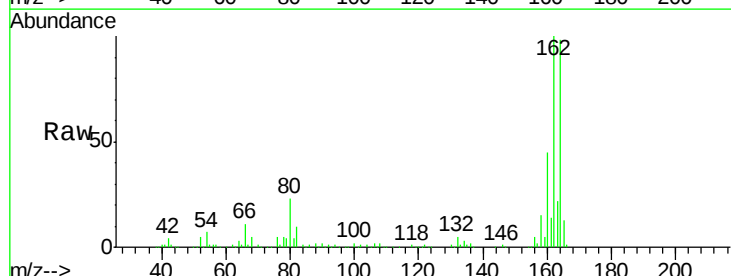
Instrument :
 BNA_F
 ClientSampleId :

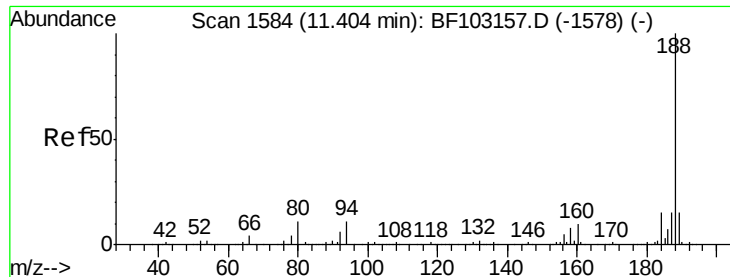
Tot Ion:172 Resp: 986476
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.3 19.6 29.4



#56
 2,4-Dinitrotoluene
 Concen: 5.880 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF103499.D
 Acq: 7 Mar 2018 14:28

Tgt Ion:165 Resp: 32252
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.4 54.6#
 89 1.1 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: BF103499.D

Acq: 7 Mar 2018 14:28

Instrument :

BNA_F

ClientSampled :

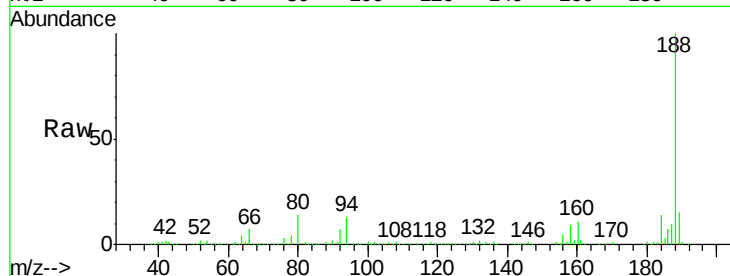
Tot Ion:188 Resp: 417171

Ion Ratio Lower Upper

188 100

94 13.0 8.5 12.7#

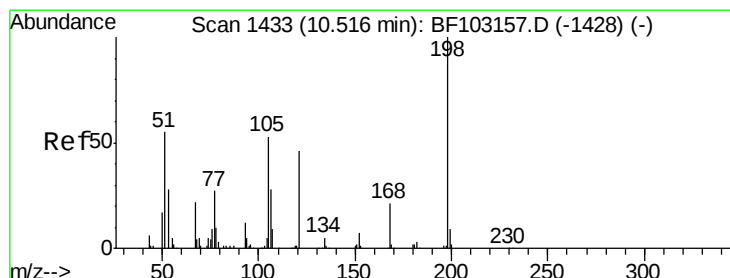
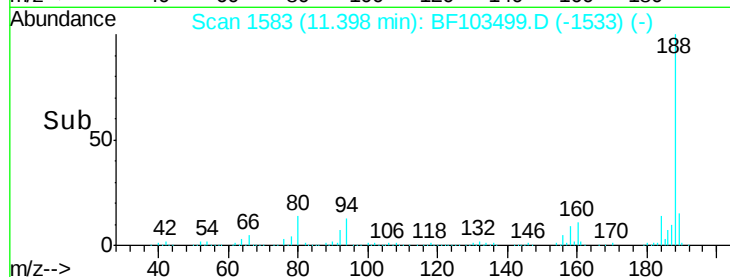
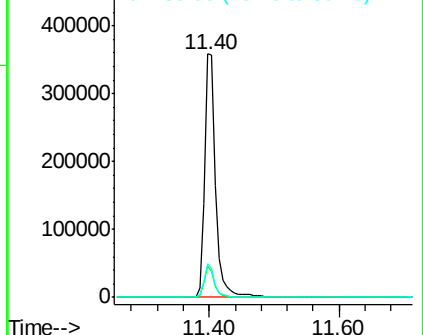
80 14.0 9.2 13.8#



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: 5.060 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.18 min

Lab File: BF103499.D

Acq: 7 Mar 2018 14:28

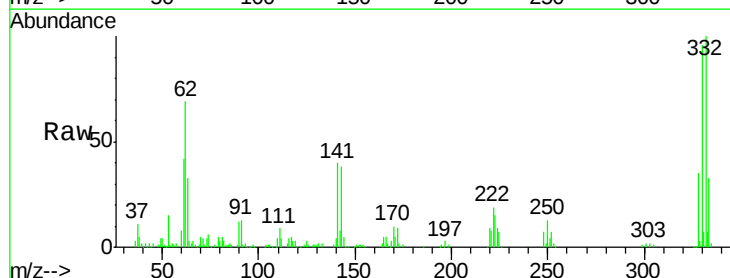
Tgt Ion:198 Resp: 324

Ion Ratio Lower Upper

198 100

51 182.6 37.7 77.7#

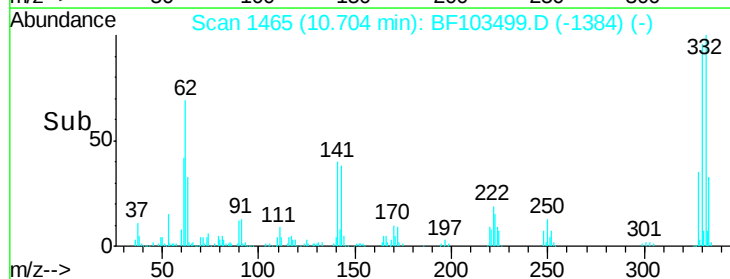
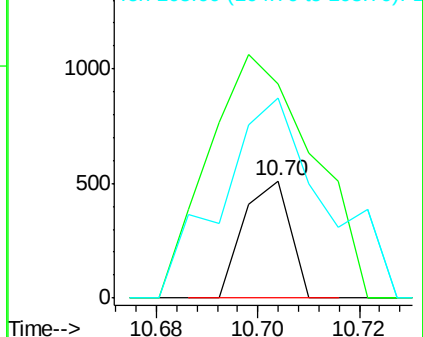
105 170.1 36.3 76.3#

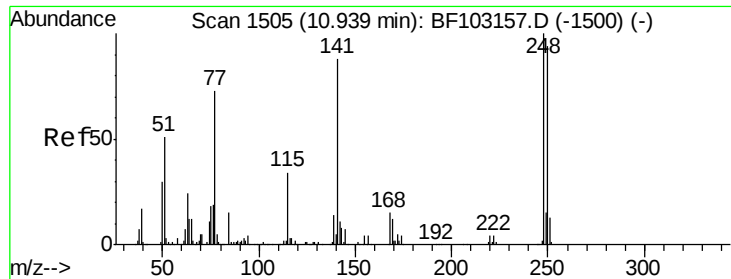


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

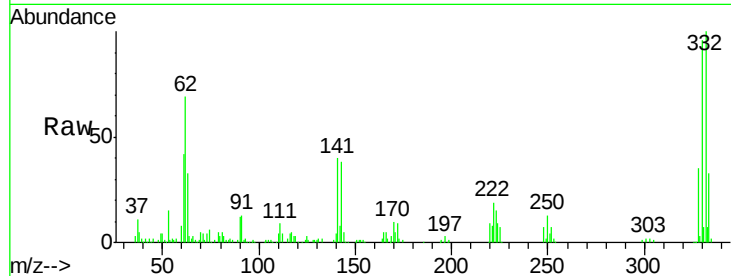




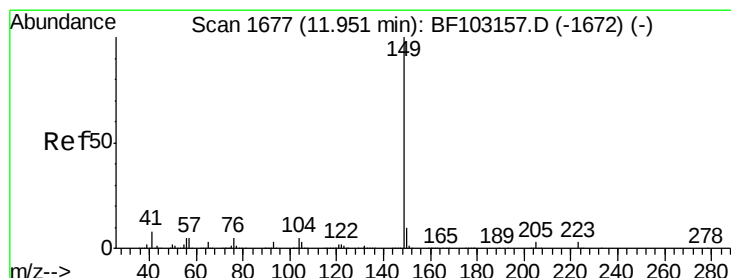
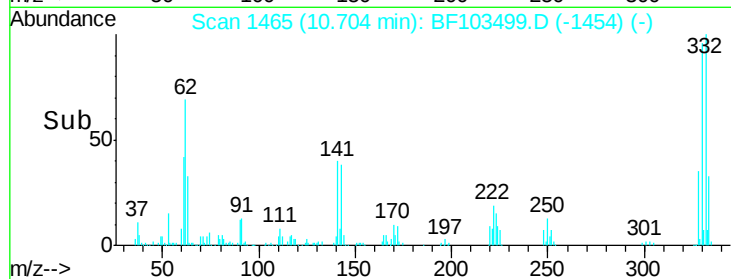
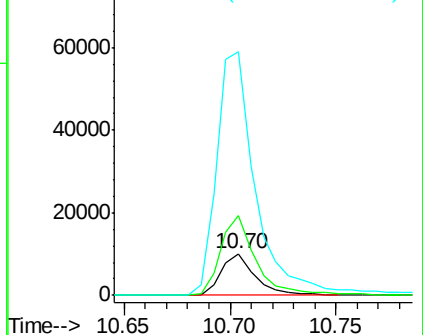
#66
4-Bromophenyl-phenylether
Concen: 2.573 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103499.D
Acq: 7 Mar 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11181
Ion Ratio Lower Upper
248 100
250 192.1 76.9 115.3#
141 588.7 74.4 111.6#

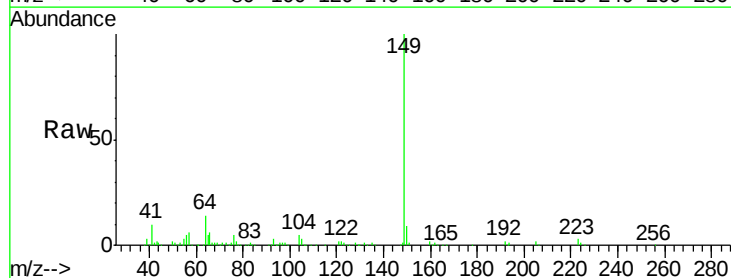


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

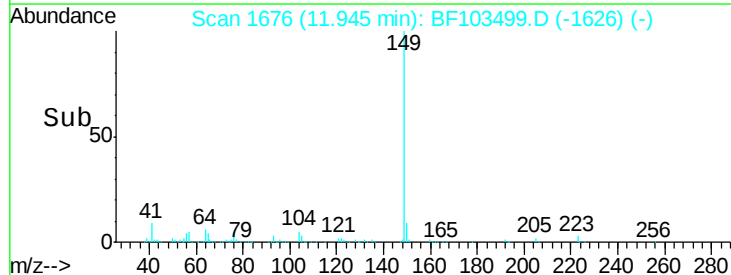
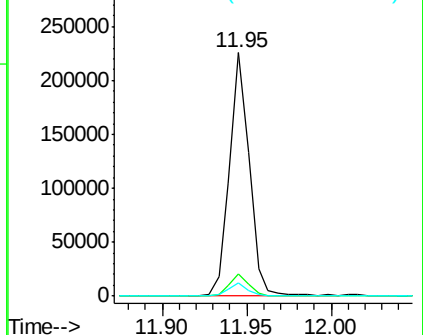


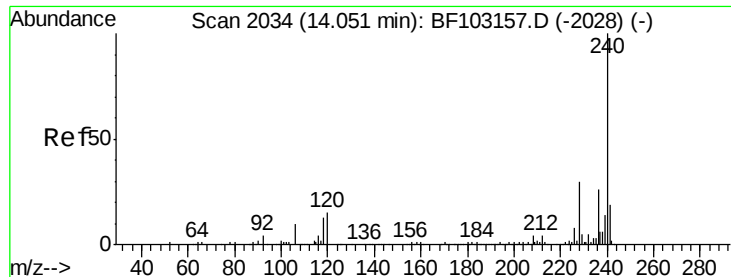
#73
Di-n-butylphthalate
Concen: 6.312 ng
RT: 11.95 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF103499.D
Acq: 7 Mar 2018 14:28

Tgt Ion:149 Resp: 185177
Ion Ratio Lower Upper
149 100
150 8.9 7.8 11.6
104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103499.D

Acq: 7 Mar 2018 14:28

Instrument :

BNA_F

ClientSampleId :

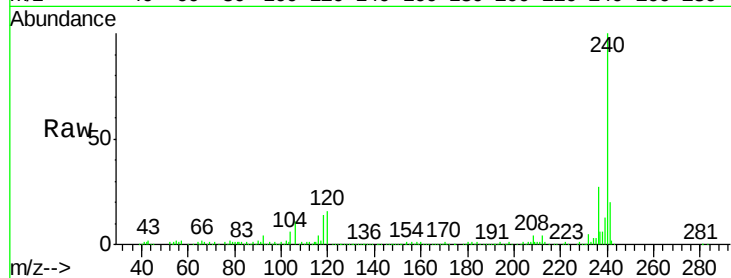
Tot Ion:240 Resp: 227408

Ion Ratio Lower Upper

240 100

120 16.0 9.5 14.3#

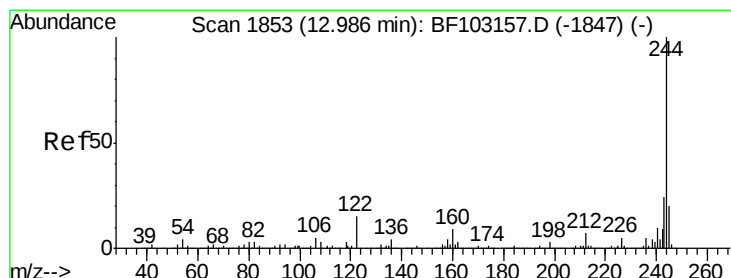
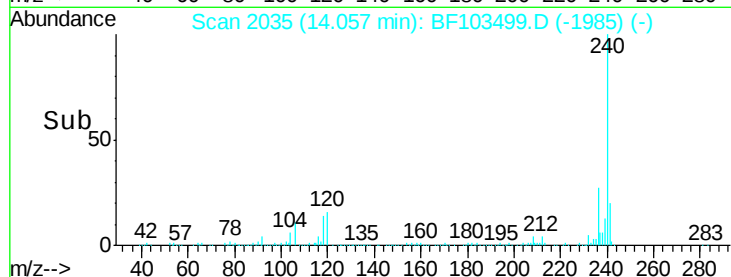
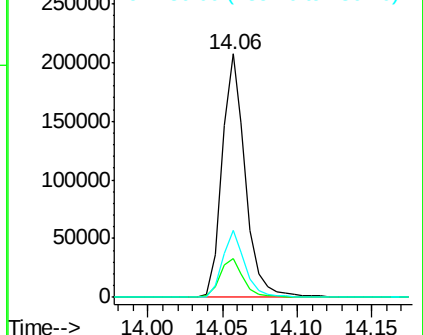
236 27.5 20.7 31.1



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: 68.468 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103499.D

Acq: 7 Mar 2018 14:28

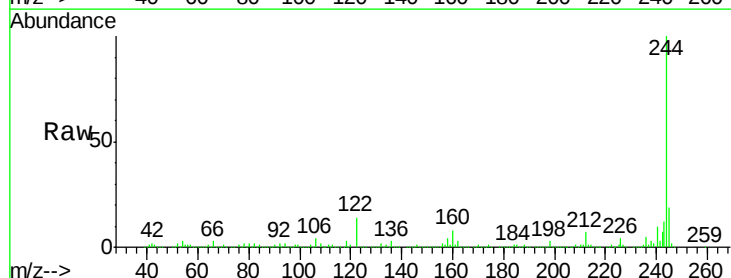
Tgt Ion:244 Resp: 647713

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

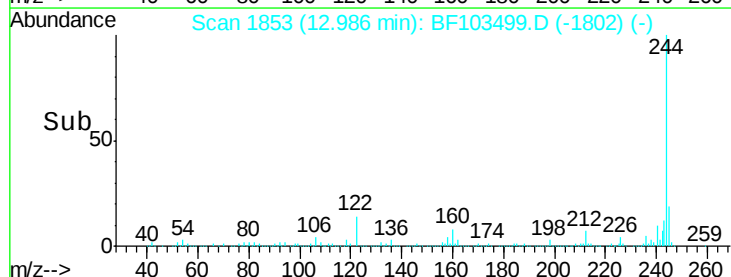
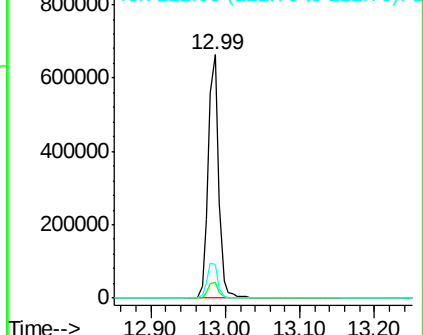
122 13.9 11.0 16.4

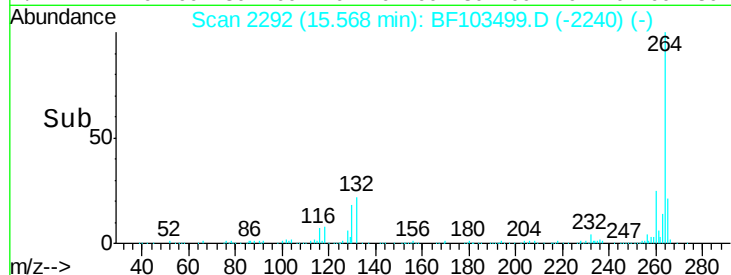
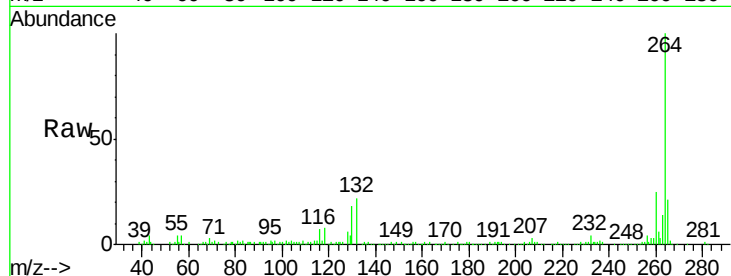
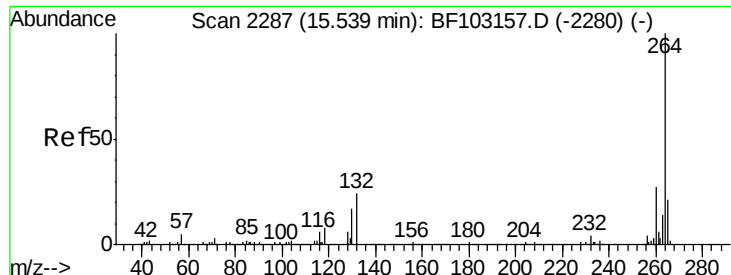


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.01 min
 Lab File: BF103499.D
 Acq: 7 Mar 2018 14:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	205777
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.2 28.8
265	21.0	17.5 26.3

