

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103461.D
 Acq On : 6 Mar 2018 17:56
 Operator : SJ/JU
 Sample : J1792-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 00:12:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

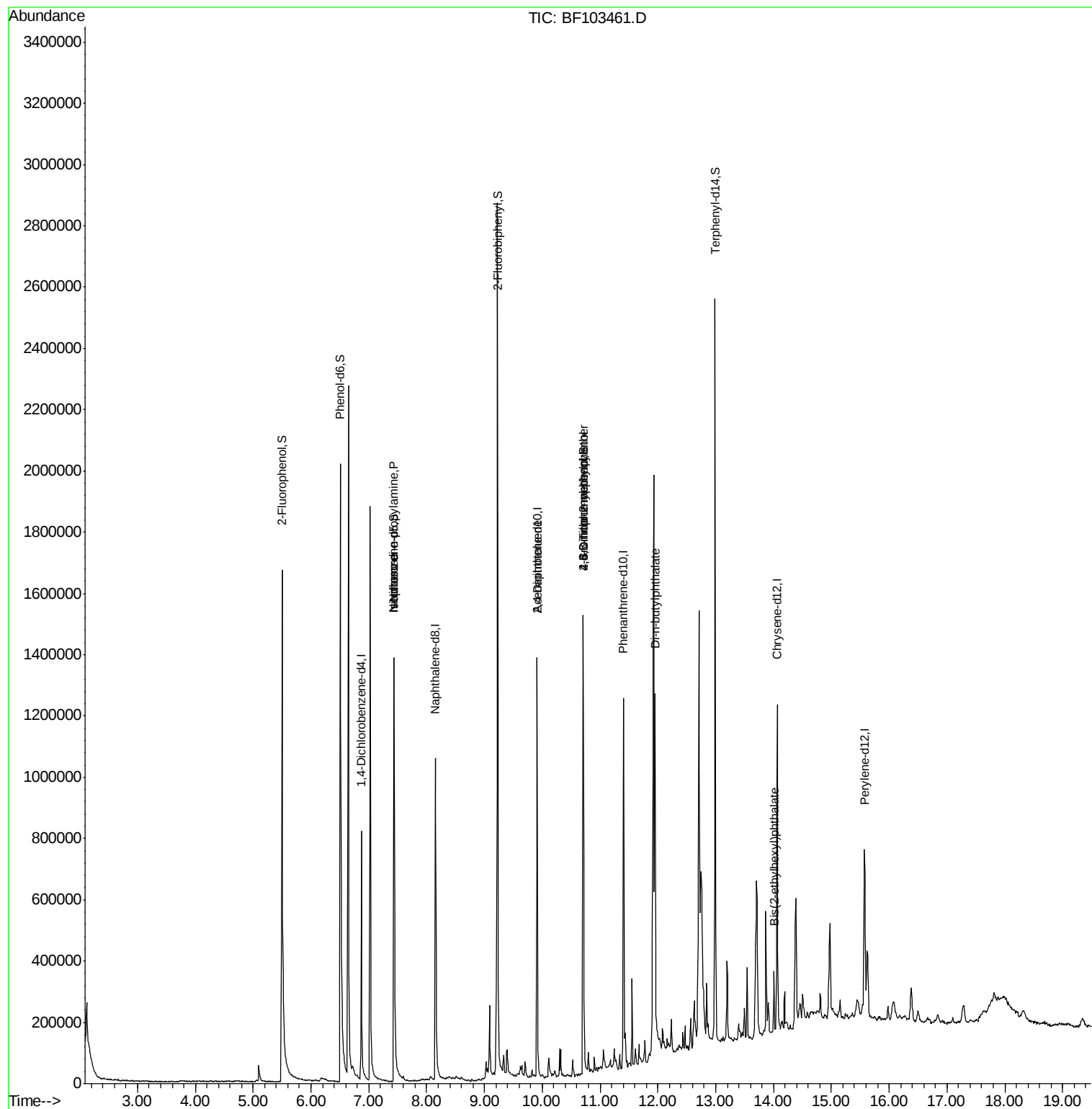
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	133287	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	600250	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	271194	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	495772	20.00	ng	0.00
75) Chrysene-d12	14.06	240	369096	20.00	ng	0.00
86) Perylene-d12	15.57	264	290984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	744561	84.49	ng	0.00
7) Phenol-d6	6.51	99	978108	90.70	ng	0.00
23) Nitrobenzene-d5	7.43	82	602422	57.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	176475	76.88	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	954466	55.69	ng	0.00
78) Terphenyl-d14	12.99	244	847714	55.21	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	1925	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	79368	11.826	ng	# 1
25) Isophorone	7.43	82	602422	29.101	ng	# 85
56) 2,4-Dinitrotoluene	9.91	165	34397	5.957	ng	# 64
64) 4,6-Dinitro-2-methylphenol	10.72	198	334	5.045	ng	# 24
66) 4-Bromophenyl-phenylether	10.71	248	11754	2.276	ng	# 1
73) Di-n-butylphthalate	11.95	149	544080	15.606	ng	# 99
83) Bis(2-ethylhexyl)phthalate	14.01	149	50010	2.437	ng	# 98

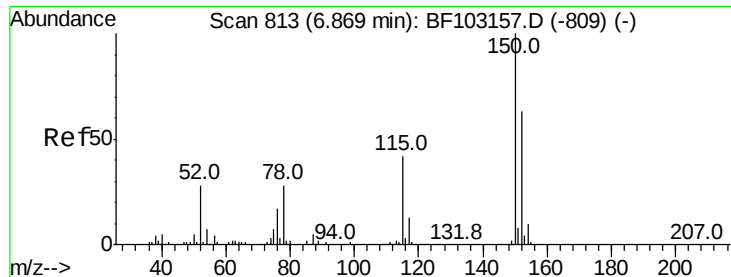
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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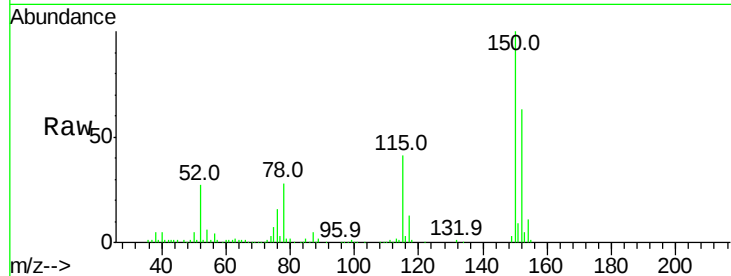


#1

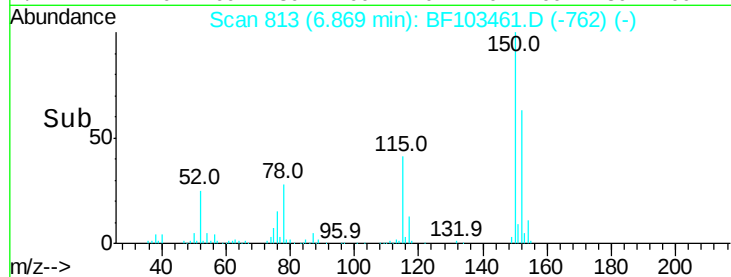
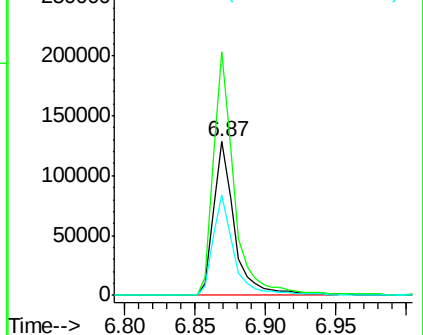
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103461.D
Acq: 6 Mar 2018 17:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 133287
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 65.4 50.1 75.1



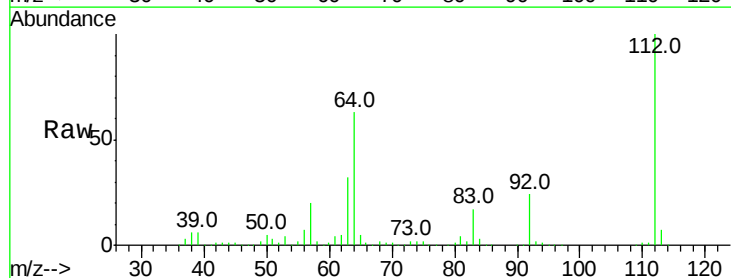
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



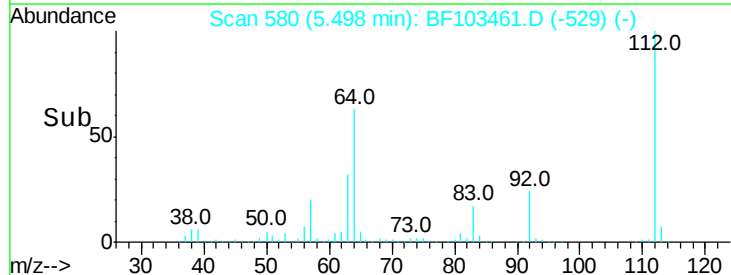
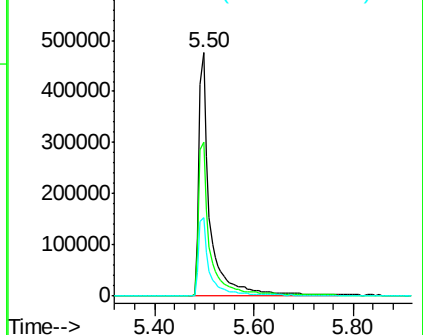
#5

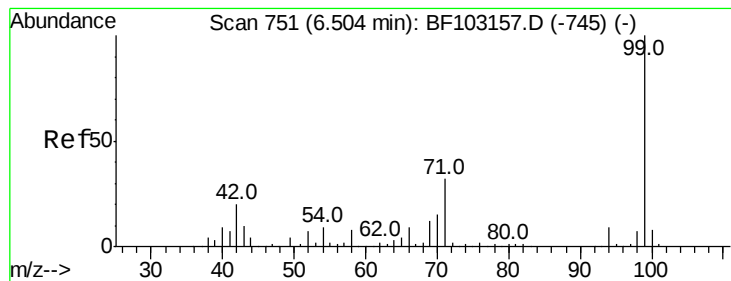
2-Fluorophenol
Concen: 84.487 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103461.D
Acq: 6 Mar 2018 17:56

Tgt Ion:112 Resp: 744561
Ion Ratio Lower Upper
112 100
64 63.4 47.9 71.9
63 32.1 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: 90.702 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103461.D

Acq: 6 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

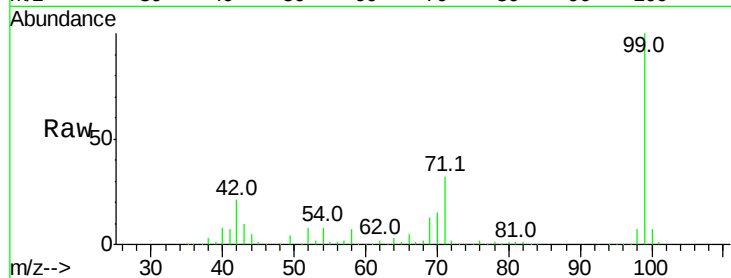
Tot Ion: 99 Resp: 978108

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

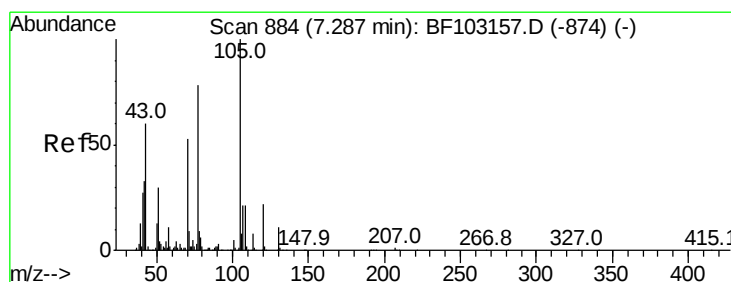
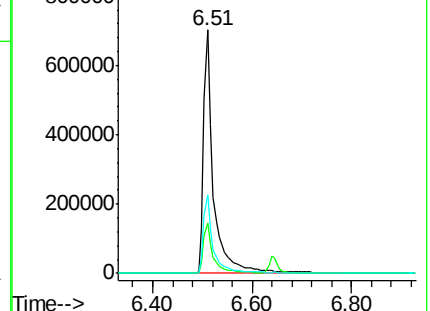
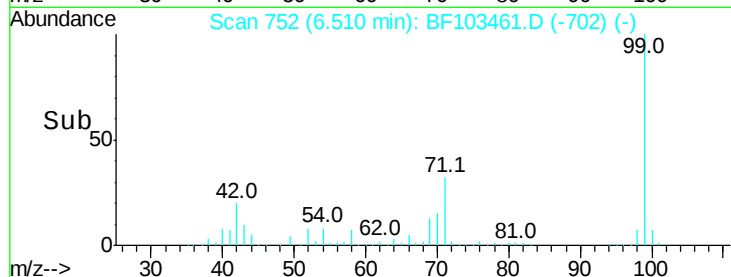
71 32.2 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.826 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF103461.D

Acq: 6 Mar 2018 17:56

Tgt Ion: 70 Resp: 79368

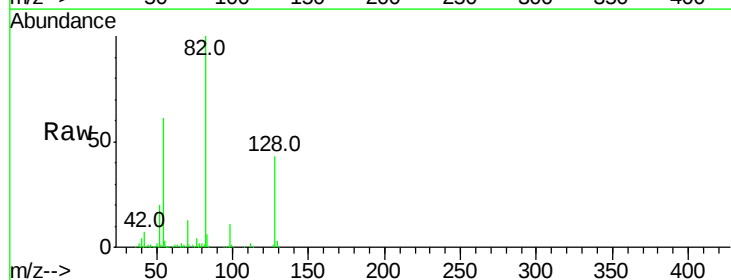
Ion Ratio Lower Upper

70 100

42 55.7 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

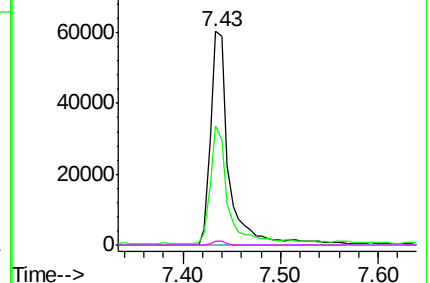
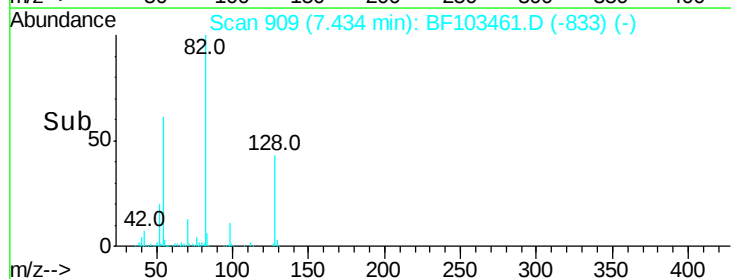


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

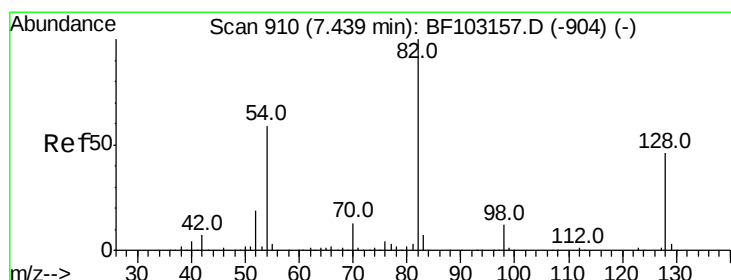
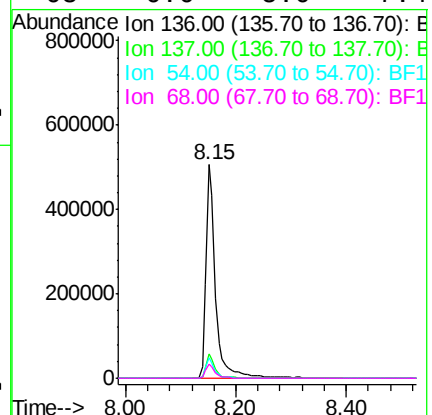
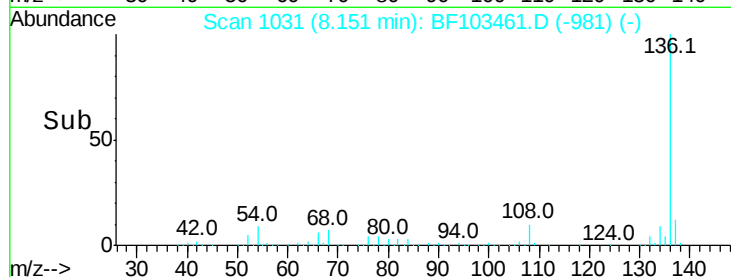
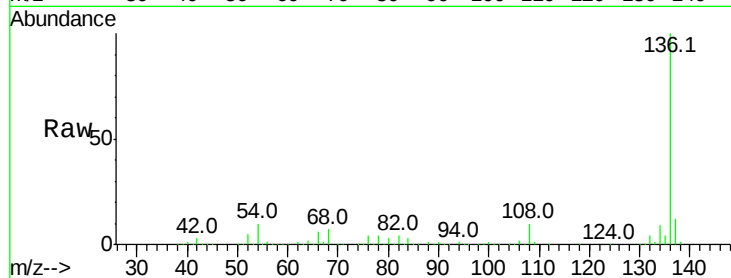




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103461.D
Acq: 6 Mar 2018 17:56

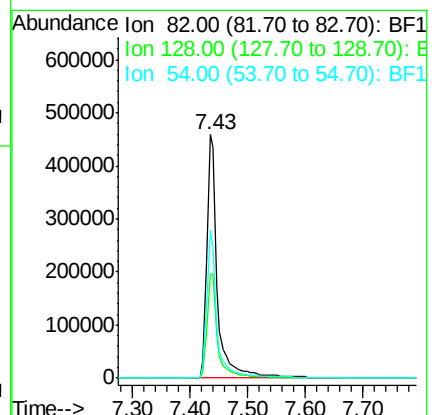
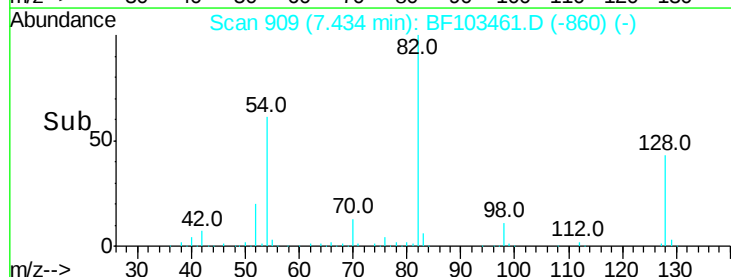
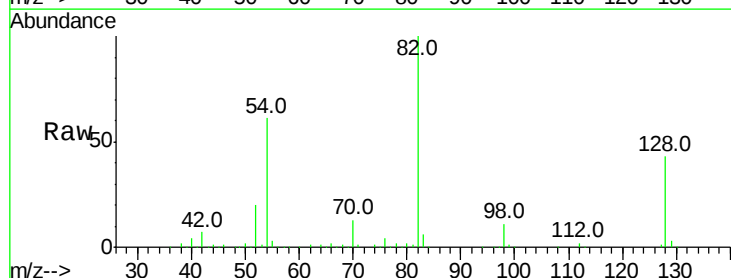
Instrument :
BNA_F
ClientSampleId :

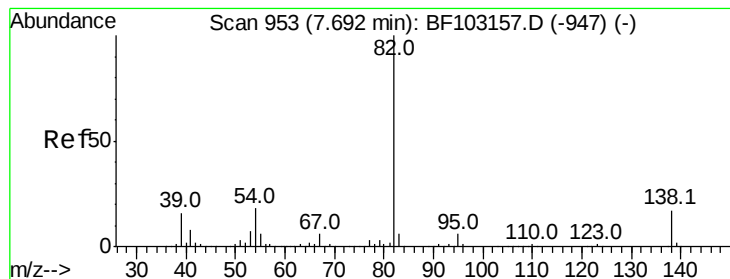
Tot Ion:	136	Resp:	600250
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	9.5	6.6	9.8
68	6.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 57.315 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103461.D
Acq: 6 Mar 2018 17:56

Tgt Ion:	82	Resp:	602422
Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	60.9	41.4	62.2





#25

Isophorone

Concen: 29.101 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103461.D

Acq: 6 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

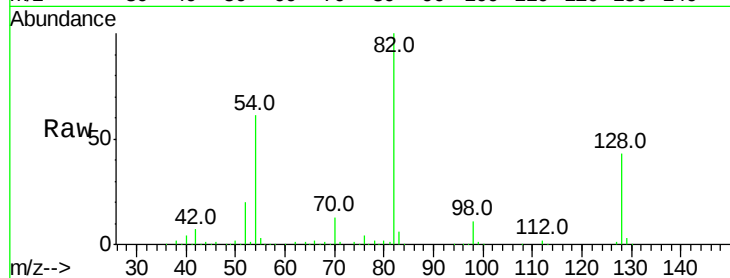
Tot Ion: 82 Resp: 602422

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

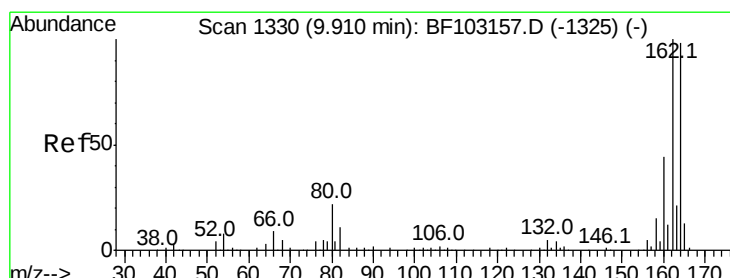
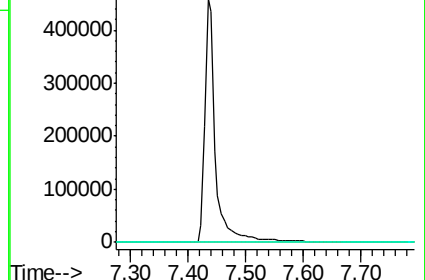
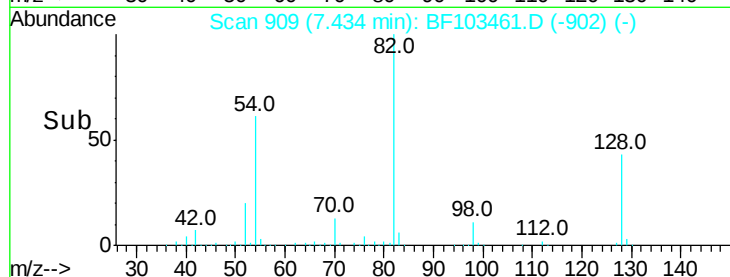
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103461.D

Acq: 6 Mar 2018 17:56

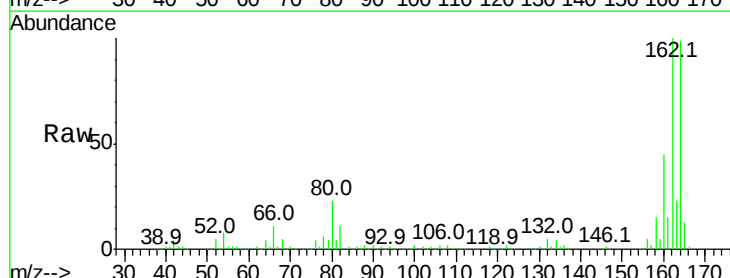
Tgt Ion:164 Resp: 271194

Ion Ratio Lower Upper

164 100

162 100.7 86.1 129.1

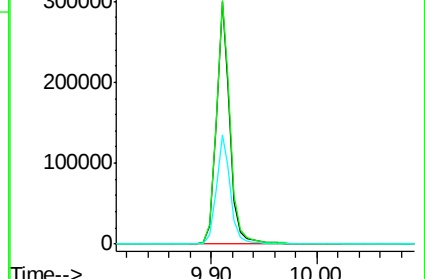
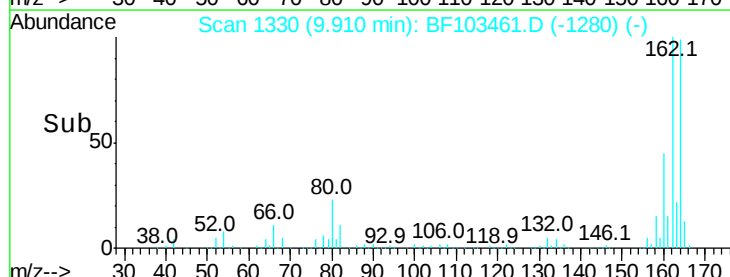
160 45.2 38.3 57.5

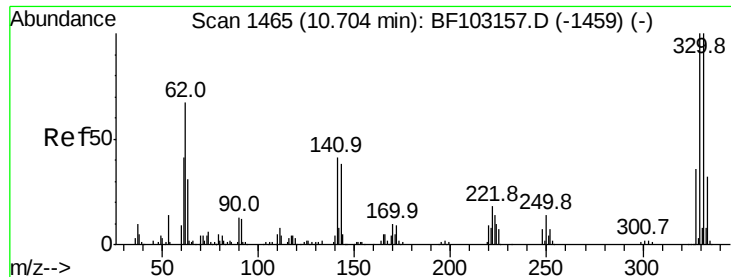


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

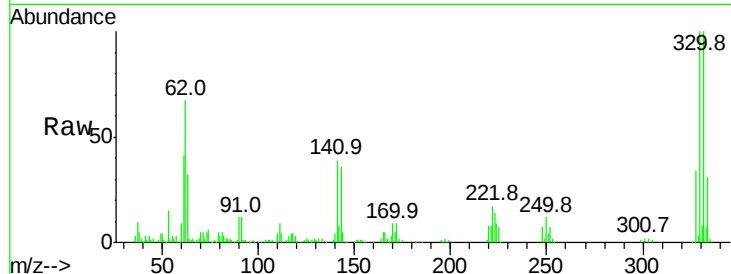




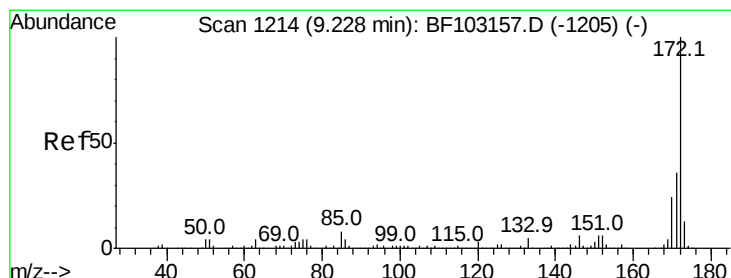
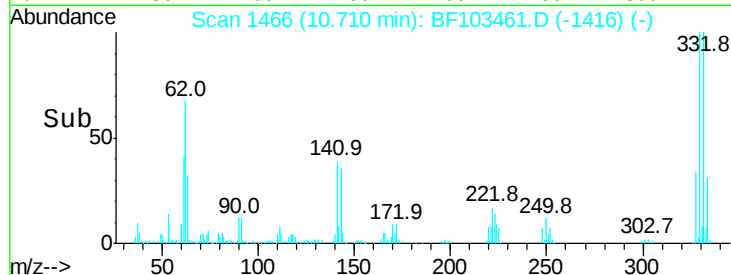
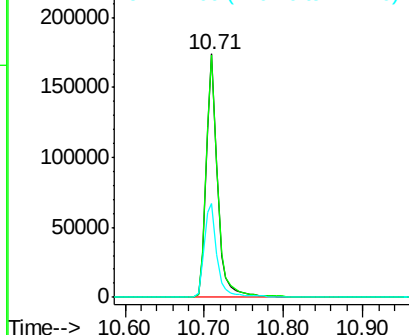
#41
 2,4,6-Tribromophenol
 Concen: 76.878 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103461.D
 Acq: 6 Mar 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 176475
 Ion Ratio Lower Upper
 330 100
 332 101.5 77.0 115.6
 141 44.1 29.9 44.9

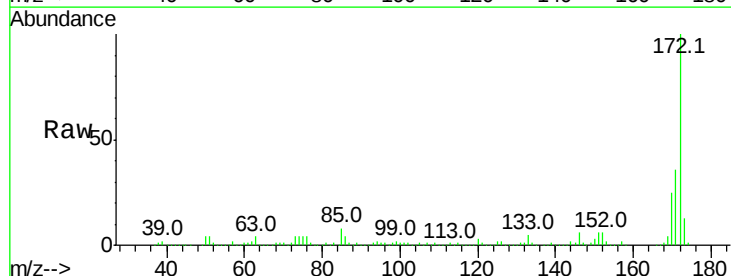


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

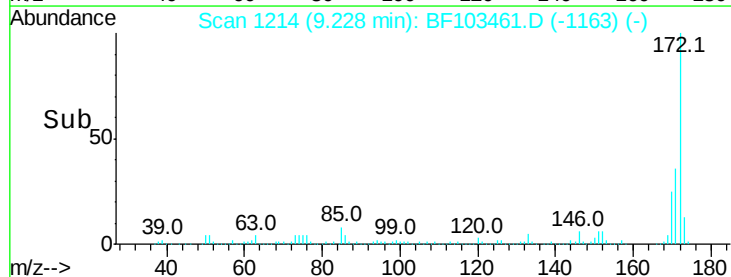
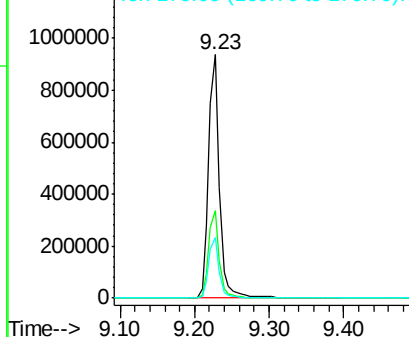


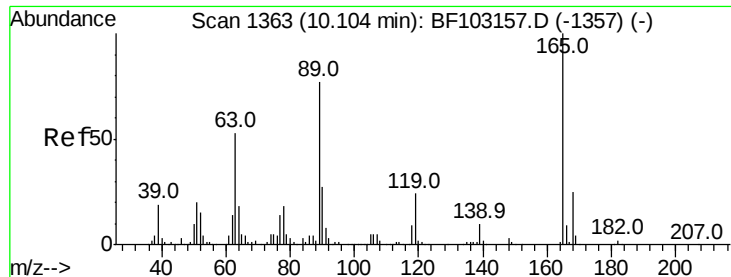
#44
 2-Fluorobiphenyl
 Concen: 55.688 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103461.D
 Acq: 6 Mar 2018 17:56

Tgt Ion:172 Resp: 954466
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

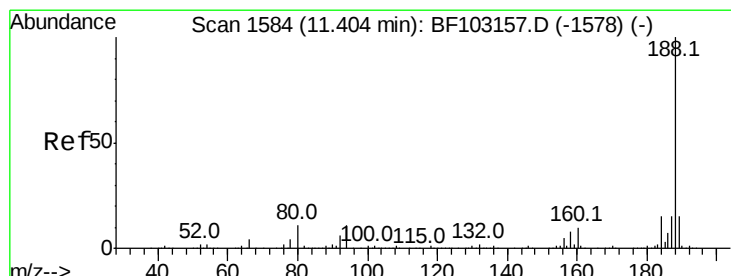
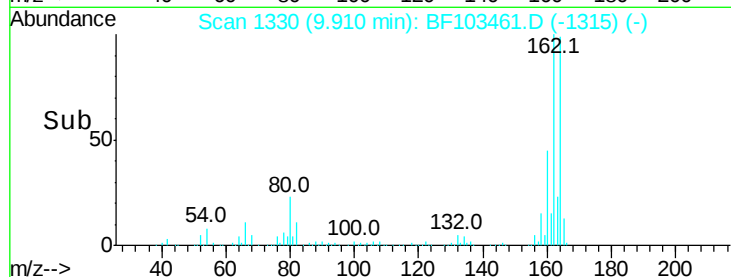
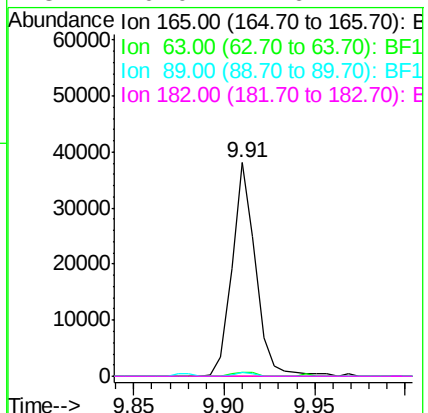
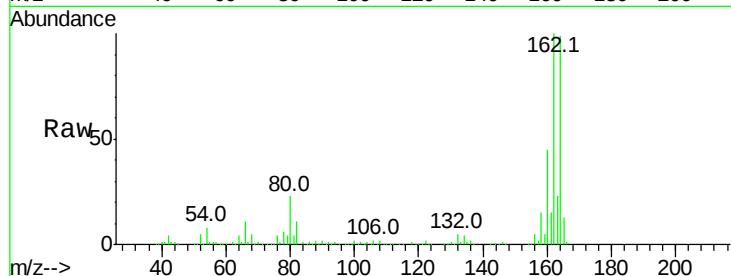




#56
 2,4-Dinitrotoluene
 Concen: 5.957 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.21 min
 Lab File: BF103461.D
 Acq: 6 Mar 2018 17:56

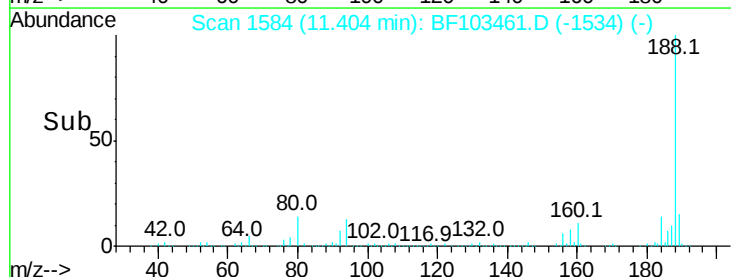
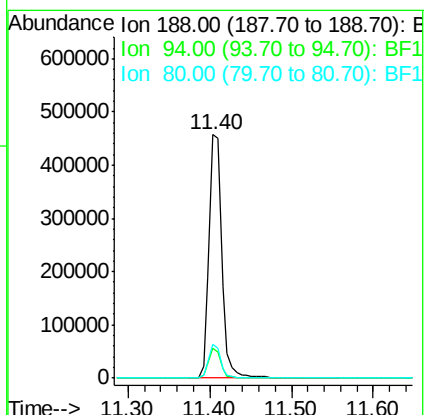
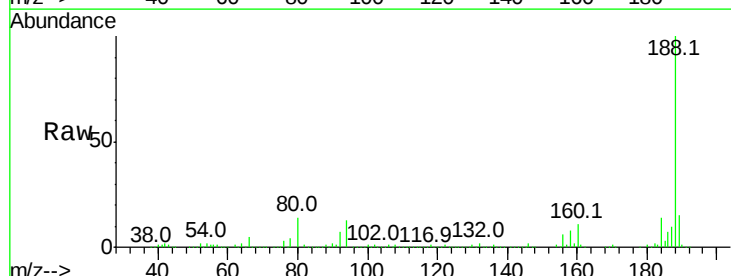
Instrument :
 BNA_F
 ClientSampleId :

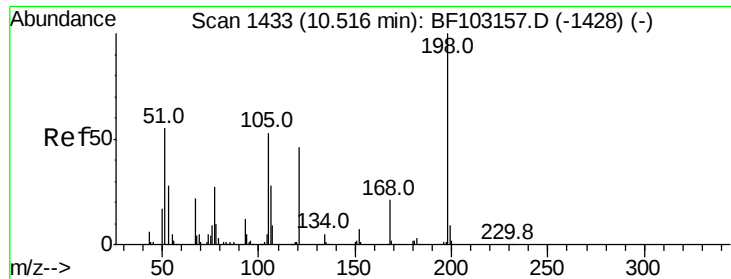
Tot Ion:165 Resp: 34397
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.4 54.6#
 89 2.1 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103461.D
 Acq: 6 Mar 2018 17:56

Tgt Ion:188 Resp: 495772
 Ion Ratio Lower Upper
 188 100
 94 12.5 8.5 12.7
 80 13.7 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 5.045 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.18 min

Lab File: BF103461.D

Acq: 6 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

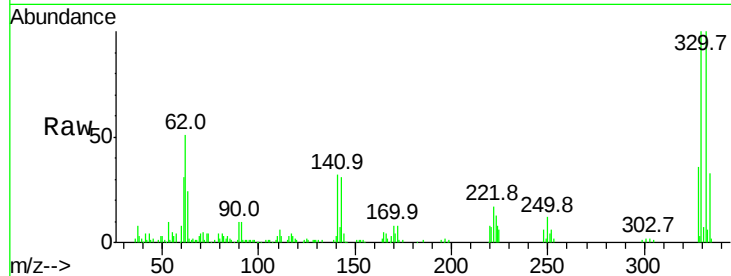
Tot Ion:198 Resp: 334

Ion Ratio Lower Upper

198 100

51 203.9 37.7 77.7#

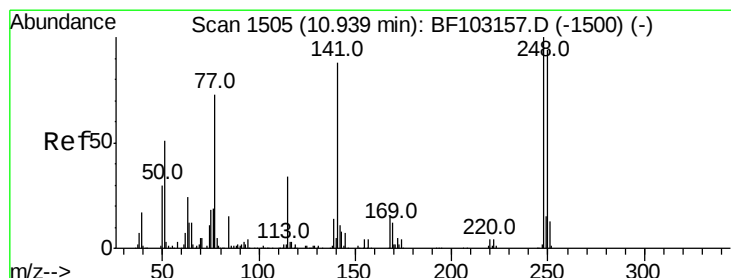
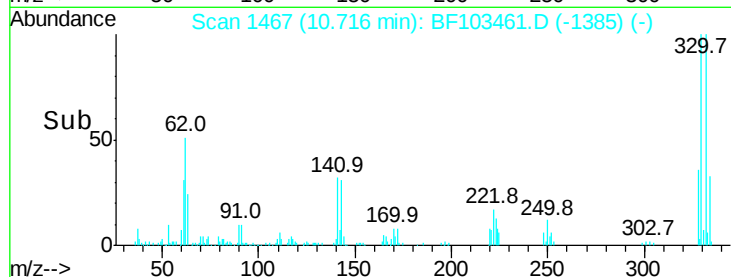
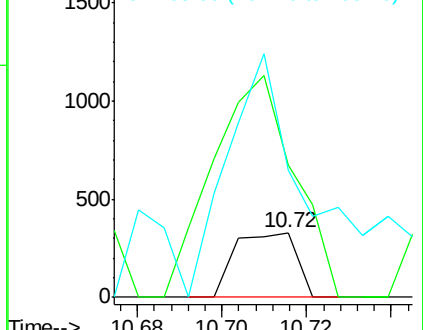
105 197.0 36.3 76.3#



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: 2.276 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.24 min

Lab File: BF103461.D

Acq: 6 Mar 2018 17:56

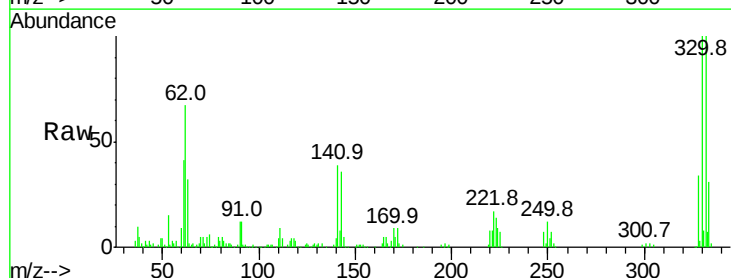
Tgt Ion:248 Resp: 11754

Ion Ratio Lower Upper

248 100

250 183.2 76.9 115.3#

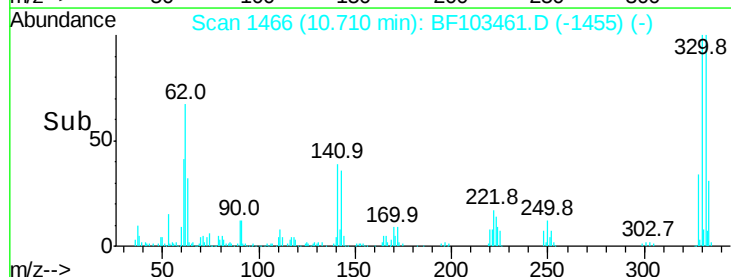
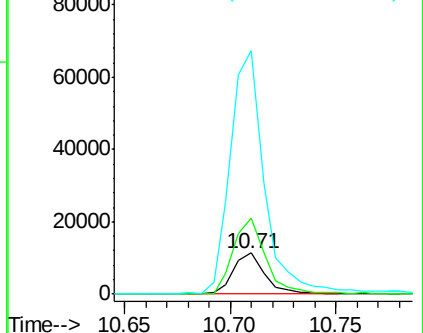
141 589.7 74.4 111.6#

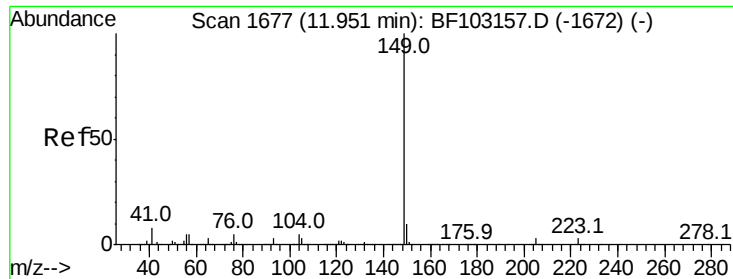


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

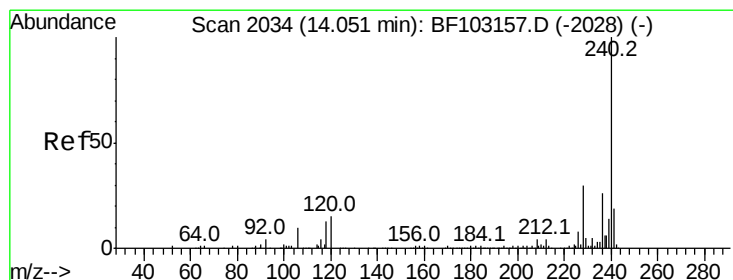
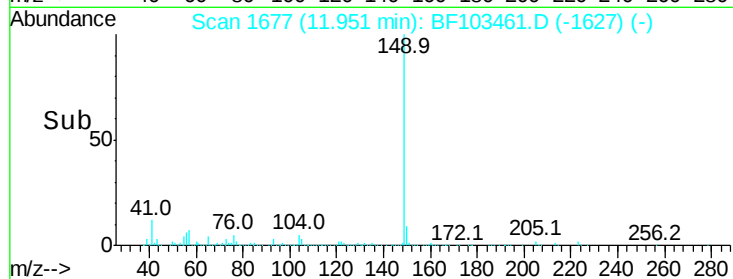
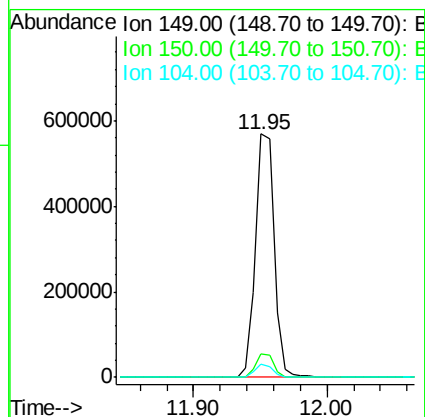
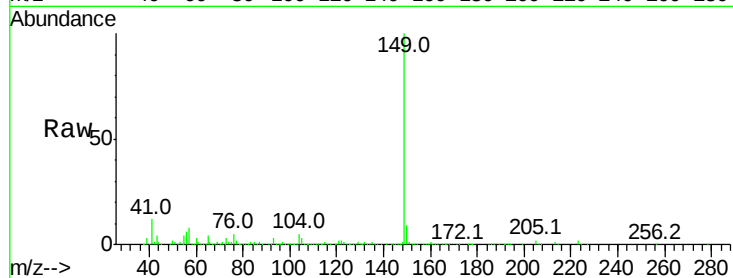




#73
Di-n-butylphthalate
Concen: 15.606 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BF103461.D
Acq: 6 Mar 2018 17:56

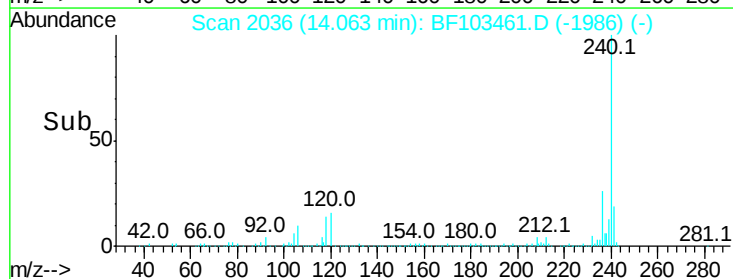
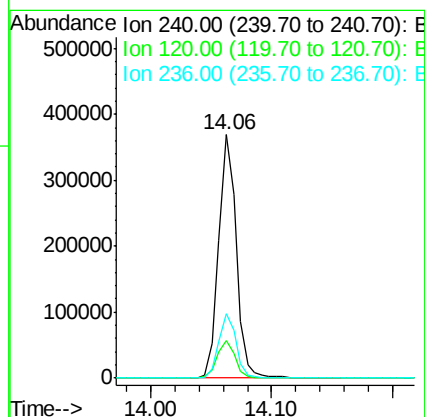
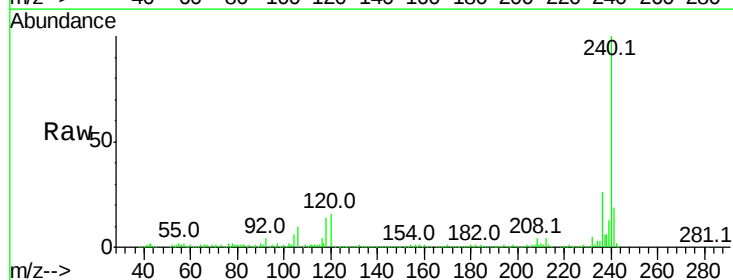
Instrument :
BNA_F
ClientSampleId :

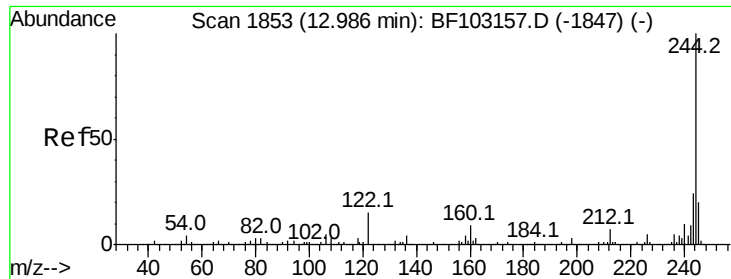
Tot Ion:149 Resp: 544080
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 5.3 3.8 5.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103461.D
Acq: 6 Mar 2018 17:56

Tgt Ion:240 Resp: 369096
Ion Ratio Lower Upper
240 100
120 15.6 9.5 14.3#
236 26.4 20.7 31.1





#78

Terphenyl-d14

Concen: 55.210 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF103461.D

Acq: 6 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

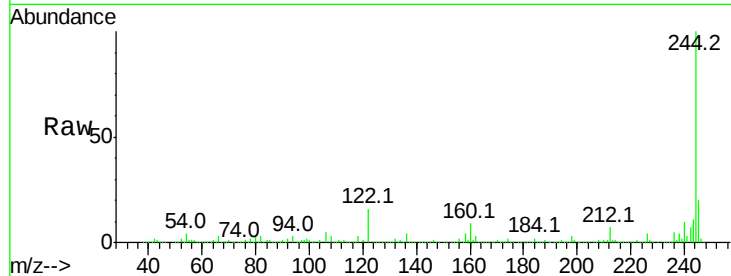
Tot Ion:244 Resp: 847714

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

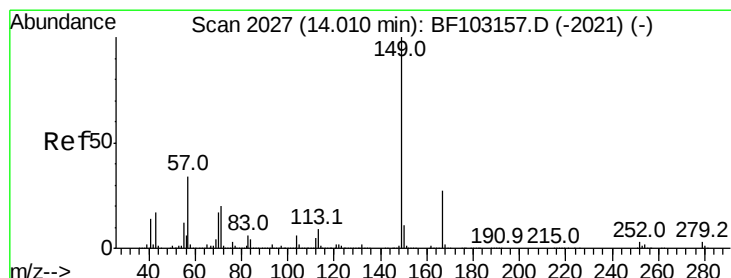
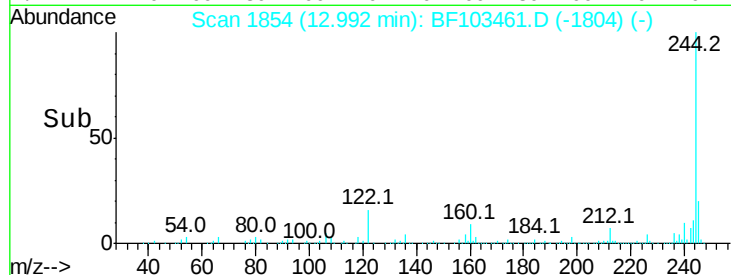
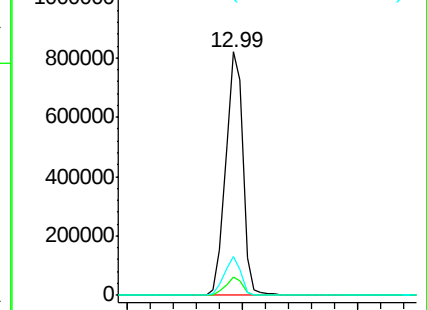
122 15.8 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.437 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF103461.D

Acq: 6 Mar 2018 17:56

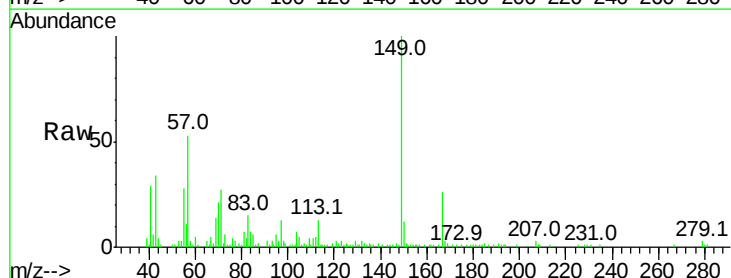
Tgt Ion:149 Resp: 50010

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

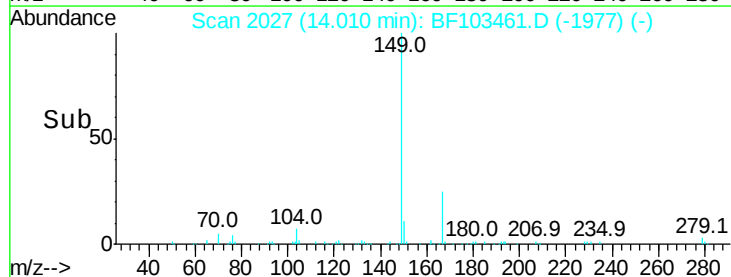
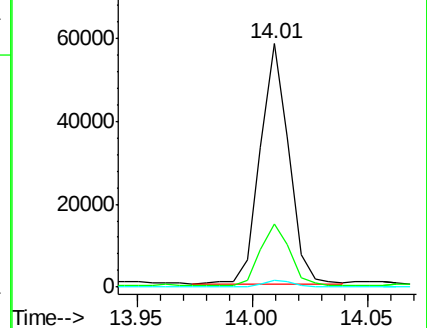
279 2.6 3.0 4.4#

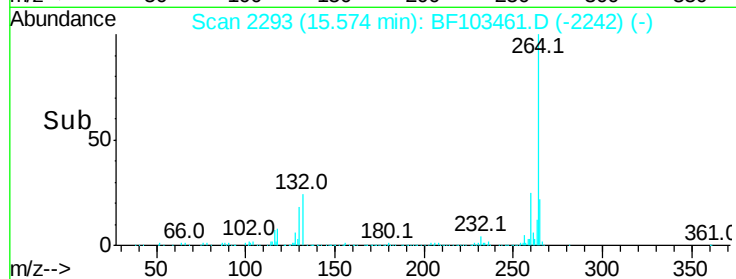
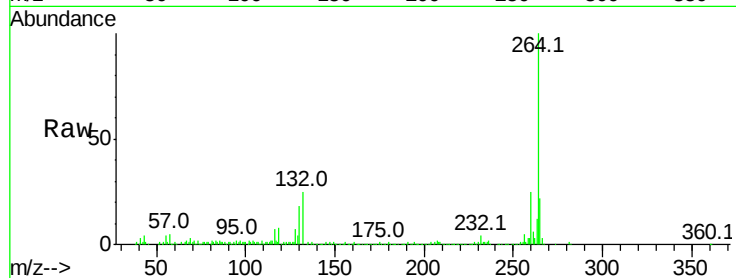
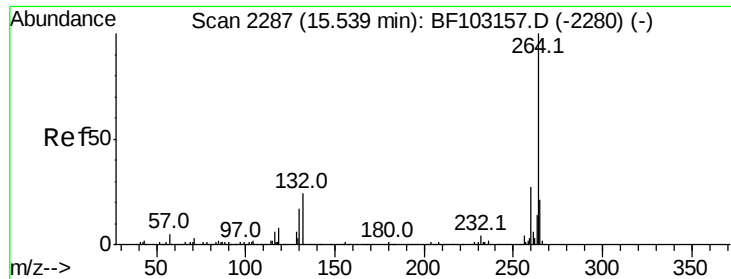


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BF103461.D

Acq: 6 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 264 Resp: 290984

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.9 17.5 26.3

