

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103564.D
 Acq On : 9 Mar 2018 18:27
 Operator : SJ/JU
 Sample : J1855-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 22:01:19 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

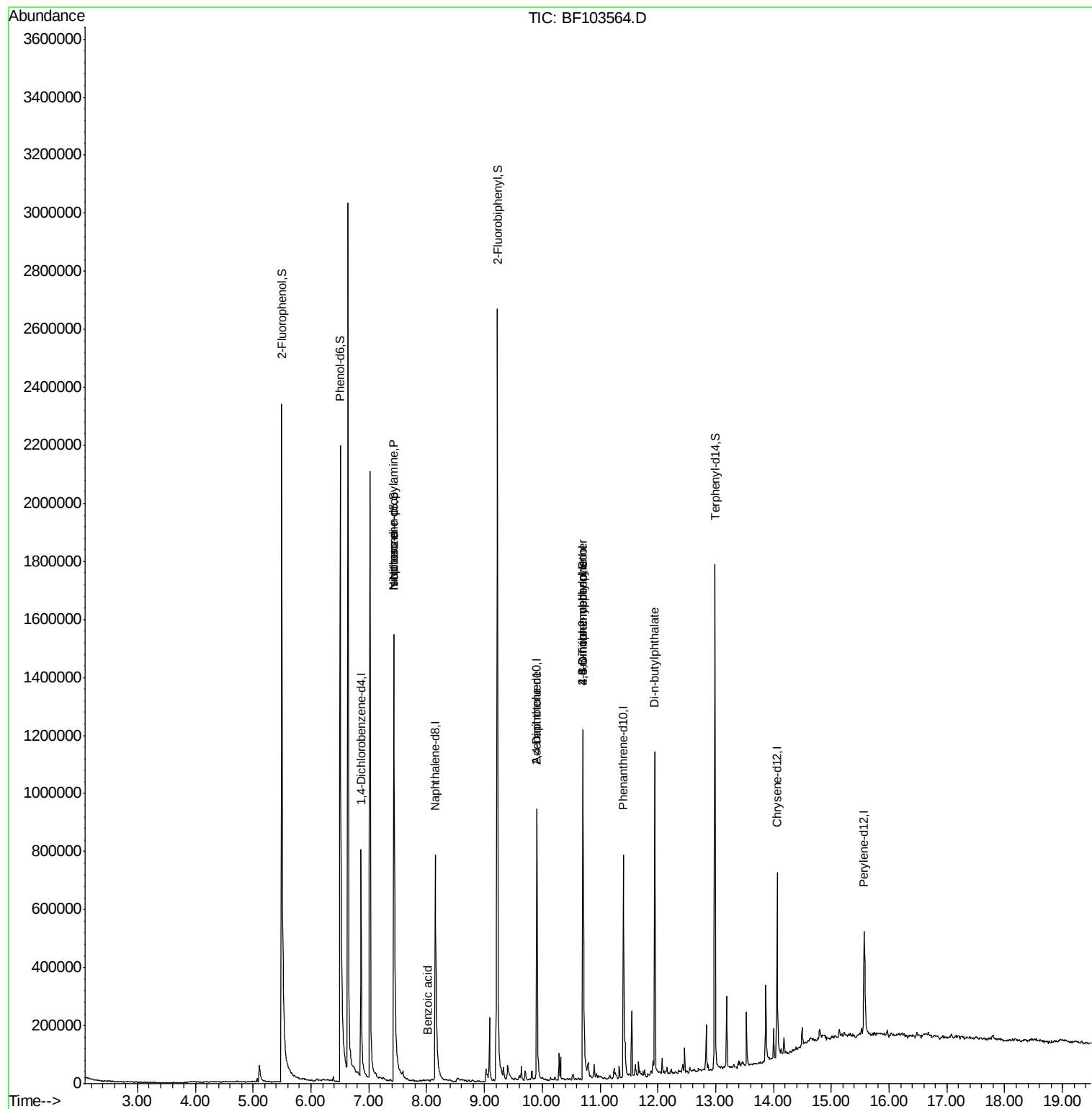
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	145106	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	590435	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	231162	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	339965	20.00	ng	0.00
75) Chrysene-d12	14.06	240	246055	20.00	ng	0.00
86) Perylene-d12	15.57	264	204698	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	971578	101.27	ng	0.00
7) Phenol-d6	6.50	99	1162472	99.02	ng	0.00
23) Nitrobenzene-d5	7.43	82	771442	74.62	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	146423	74.83	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	950622	67.38	ng	0.00
78) Terphenyl-d14	12.99	244	576690	56.34	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	1952	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	97400	13.330 ng	#	1
25) Isophorone	7.43	82	771438	37.885 ng	#	83
32) Benzoic acid	8.01	122	113	6.930 ng	#	64
56) 2,4-Dinitrotoluene	9.90	165	28982	5.889 ng	#	93
64) 4,6-Dinitro-2-methylphenol	10.70	198	138	5.005 ng	#	24
66) 4-Bromophenyl-phenylether	10.70	248	10589	2.990 ng	#	1
73) Di-n-butylphthalate	11.95	149	541478	22.650 ng		1
						100

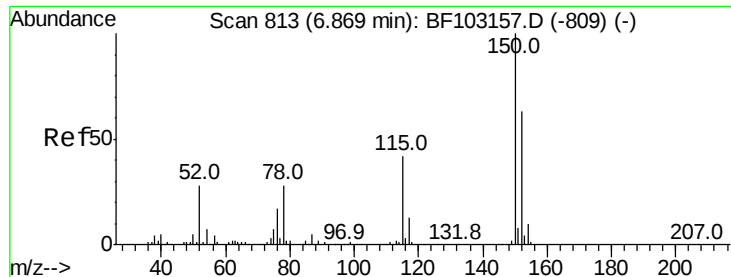
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
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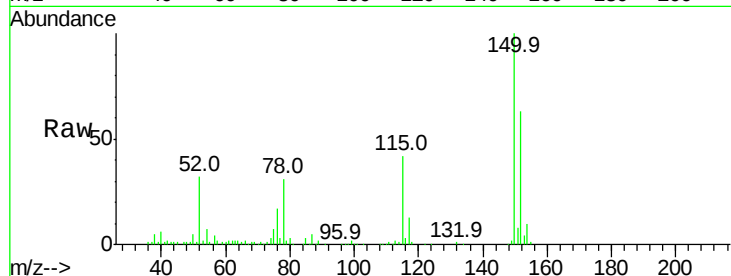


#1

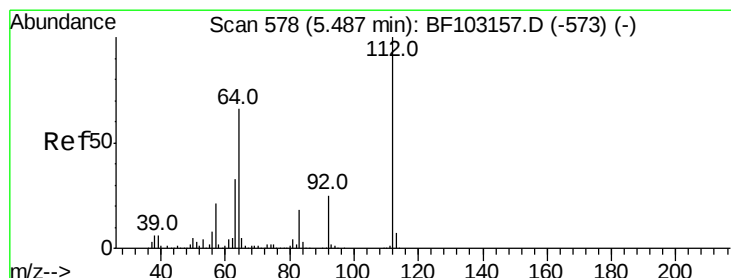
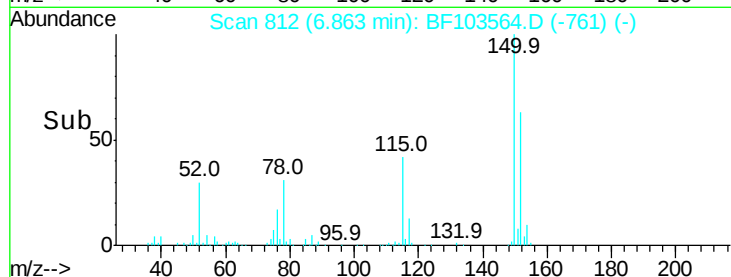
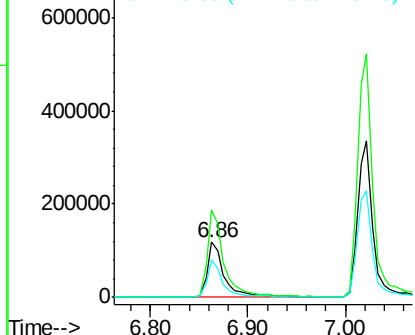
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103564.D
Acq: 9 Mar 2018 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145106
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 67.5 50.1 75.1



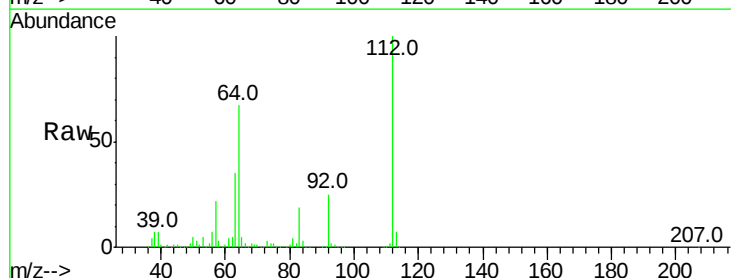
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



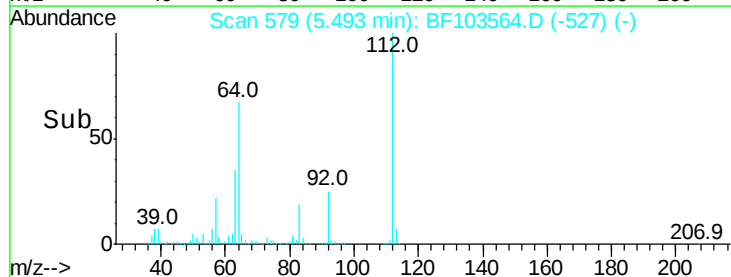
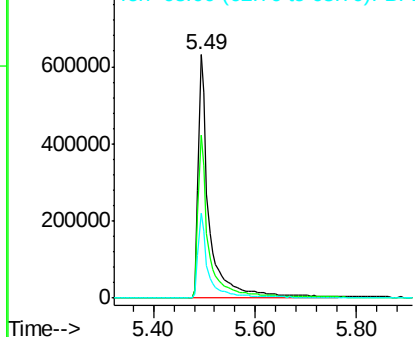
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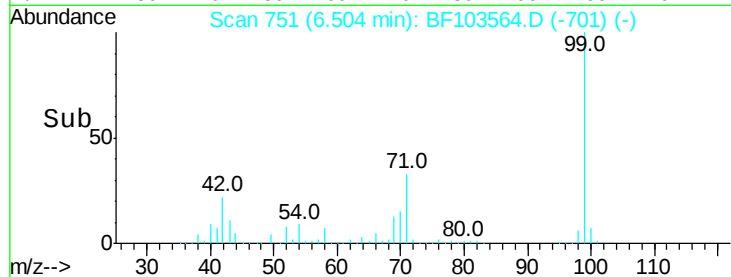
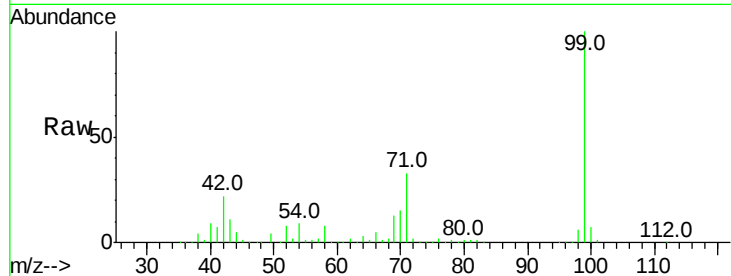
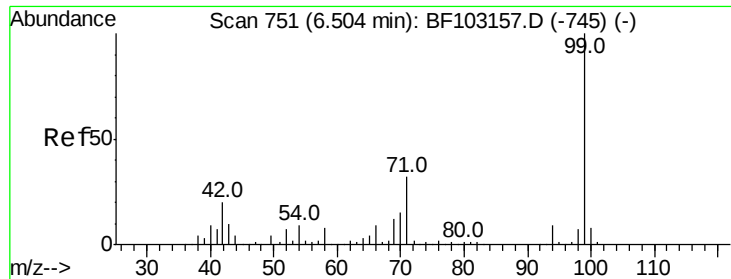
2-Fluorophenol
Concen: 101.267 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103564.D
Acq: 9 Mar 2018 18:27

Tgt Ion:112 Resp: 971578
Ion Ratio Lower Upper
112 100
64 66.8 47.9 71.9
63 34.9 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: 99.018 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103564.D

Acq: 9 Mar 2018 18:27

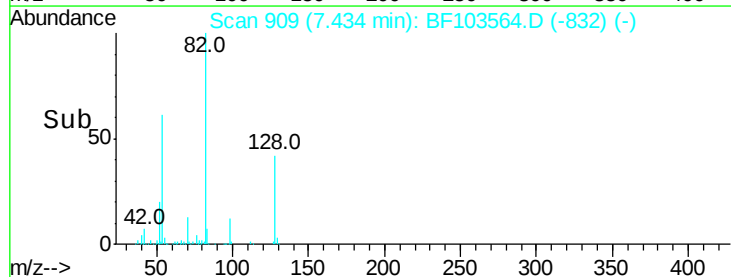
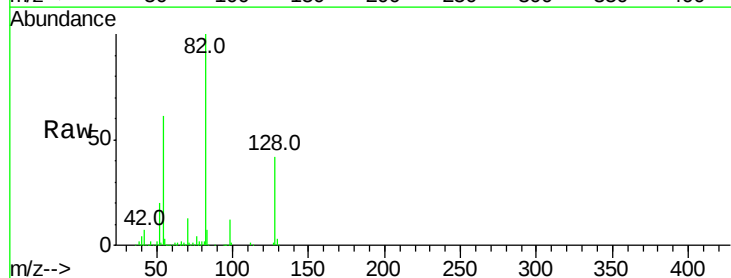
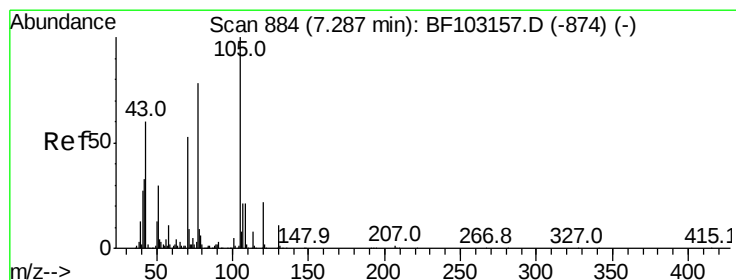
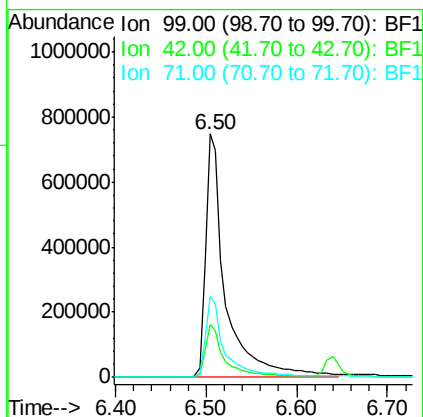
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1162472

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	33.3	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.330 ng

RT: 7.43 min Scan# 909

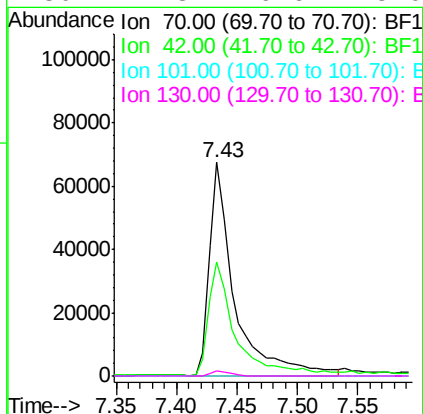
Delta R.T. 0.15 min

Lab File: BF103564.D

Acq: 9 Mar 2018 18:27

Tgt Ion: 70 Resp: 97400

Ion	Ratio	Lower	Upper
70	100		
42	53.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

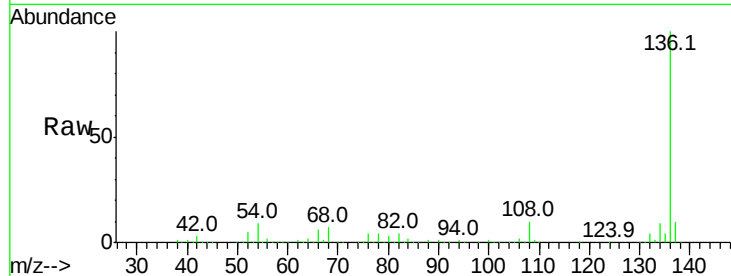




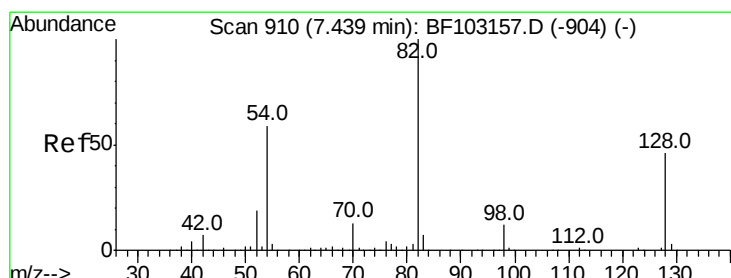
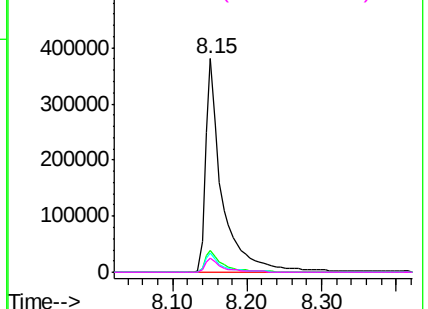
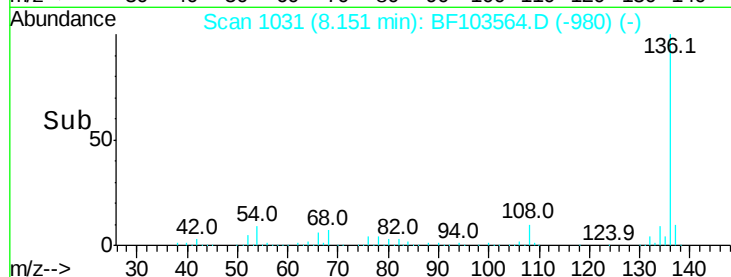
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103564.D
Acq: 9 Mar 2018 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	590435
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.9 13.3
54	8.9	6.6 9.8
68	6.5	5.0 7.4

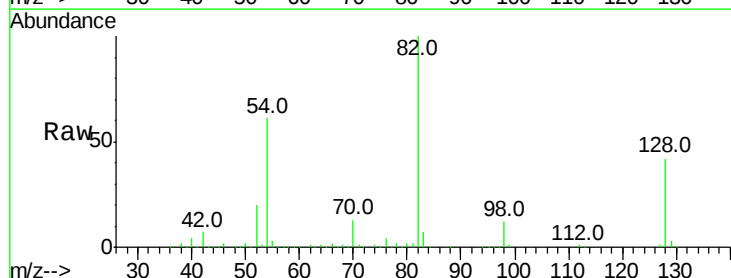


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

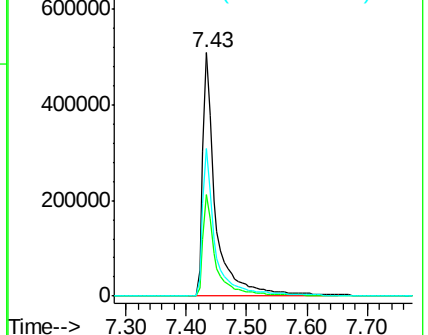
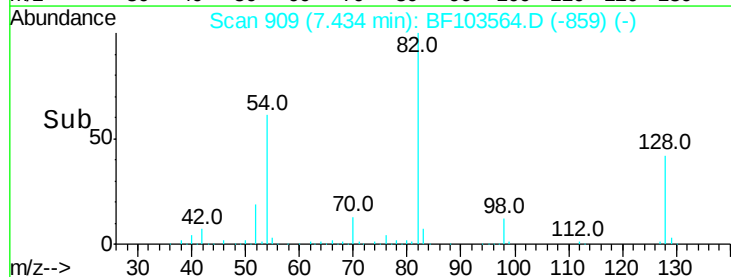


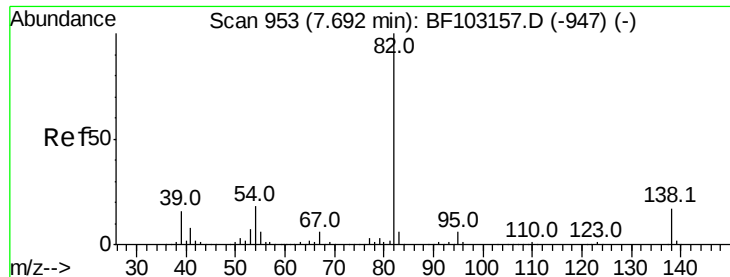
#23
Nitrobenzene-d5
Concen: 74.616 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103564.D
Acq: 9 Mar 2018 18:27

Tgt Ion: 82	Resp:	771442
Ion	Ratio	Lower Upper
82	100	
128	41.9	36.1 54.1
54	60.8	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: 37.885 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103564.D

Acq: 9 Mar 2018 18:27

Instrument :

BNA_F

ClientSampled :

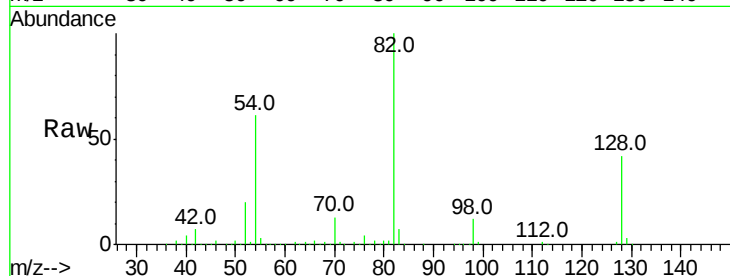
Tot Ion: 82 Resp: 771438

Ion Ratio Lower Upper

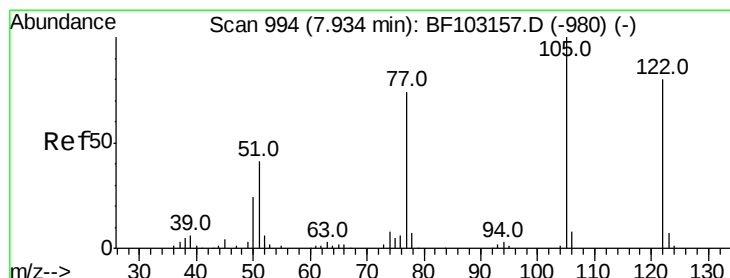
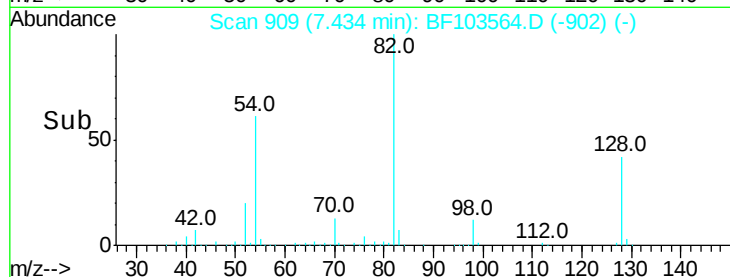
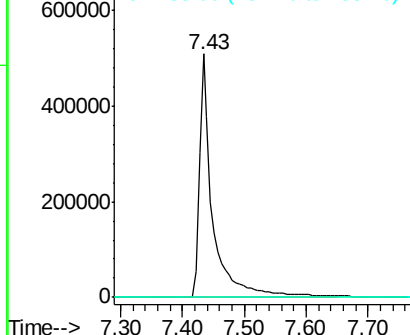
82 100

95 0.1 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: 6.930 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.04 min

Lab File: BF103564.D

Acq: 9 Mar 2018 18:27

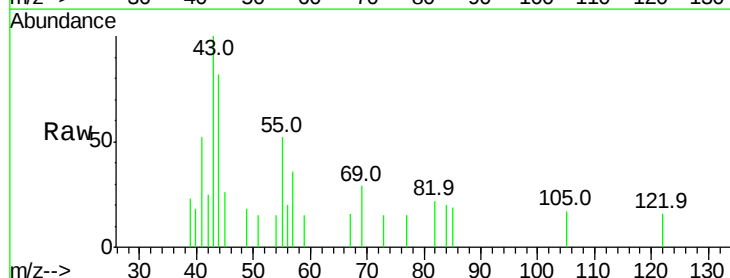
Tgt Ion:122 Resp: 113

Ion Ratio Lower Upper

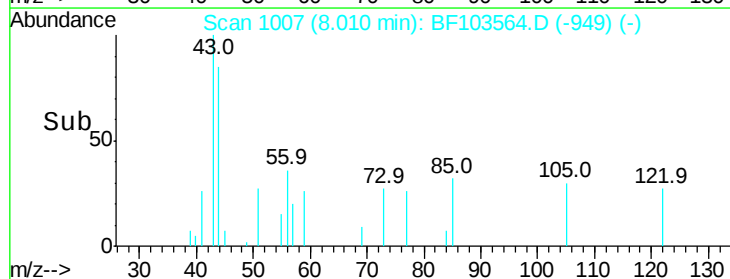
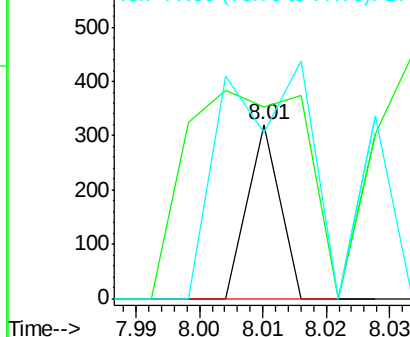
122 100

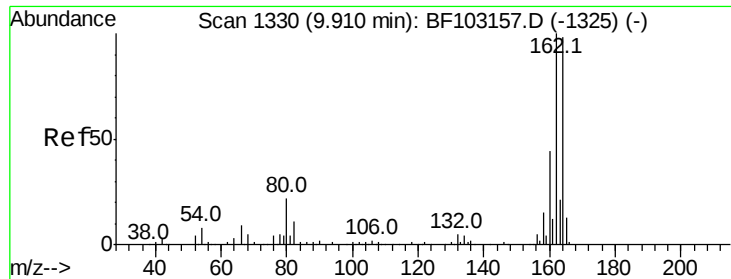
105 110.3 101.1 141.1

77 95.0 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

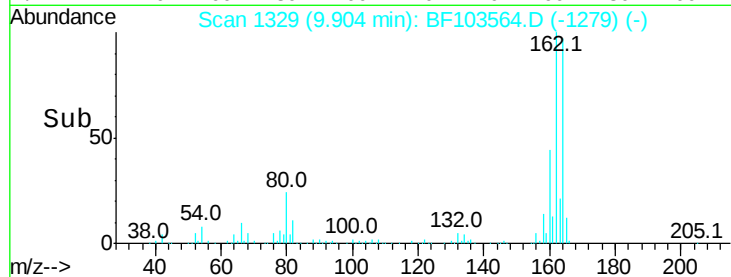
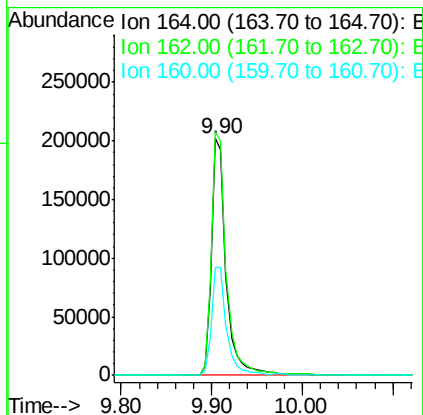
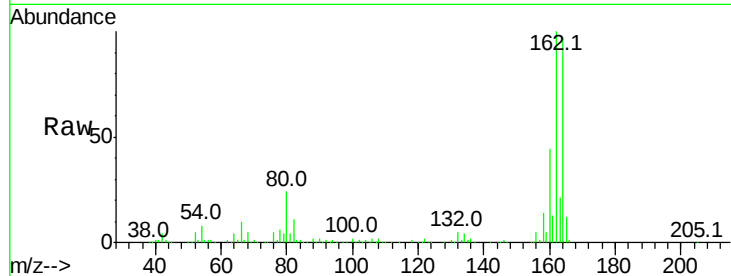




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF103564.D
 Acq: 9 Mar 2018 18:27

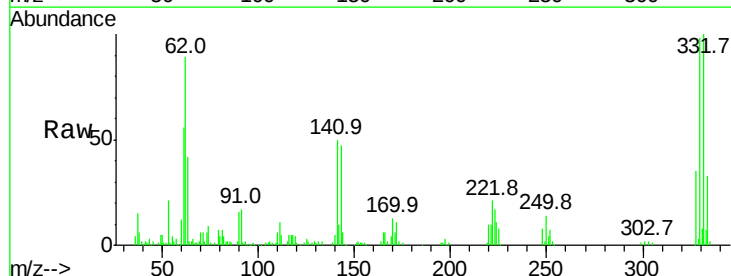
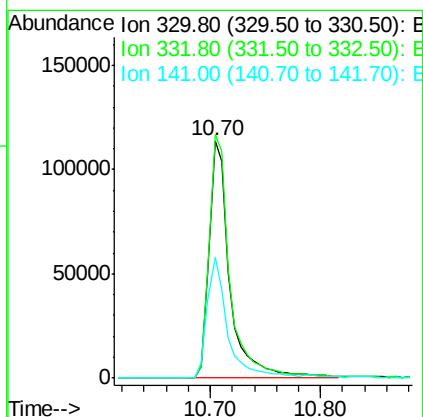
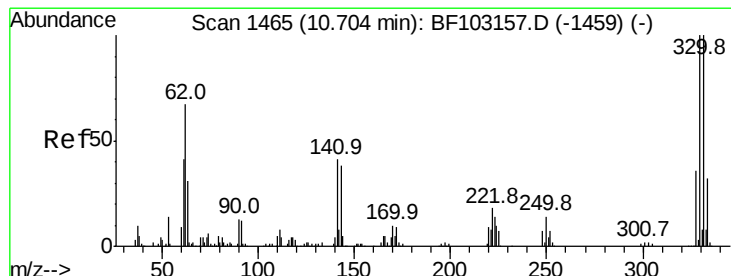
Instrument :
 BNA_F
 ClientSampleId :

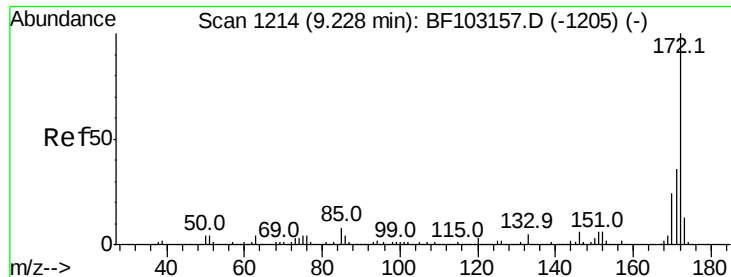
Tot Ion:164 Resp: 231162
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 45.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 74.833 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103564.D
 Acq: 9 Mar 2018 18:27

Tgt Ion:330 Resp: 146423
 Ion Ratio Lower Upper
 330 100
 332 104.4 77.0 115.6
 141 51.7 29.9 44.9#

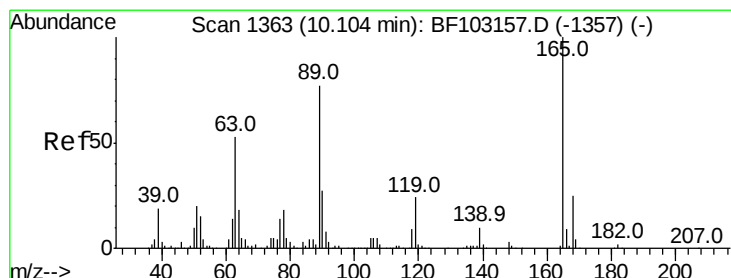
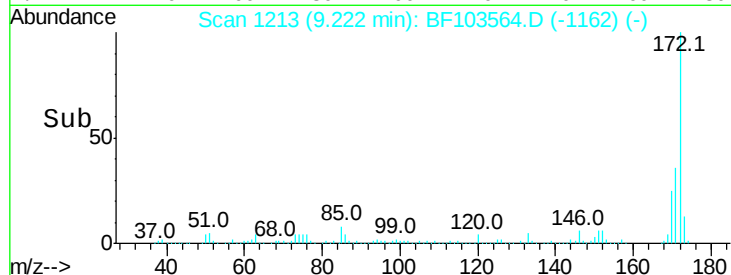
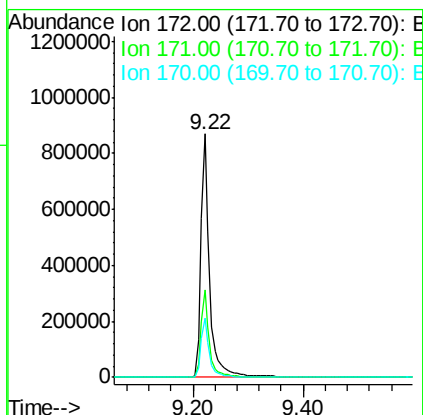
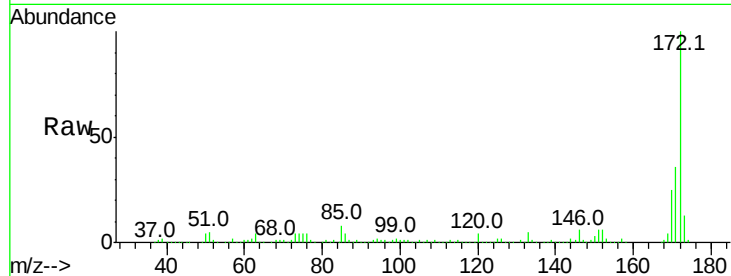




#44
 2-Fluorobiphenyl
 Concen: 67.383 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103564.D
 Acq: 9 Mar 2018 18:27

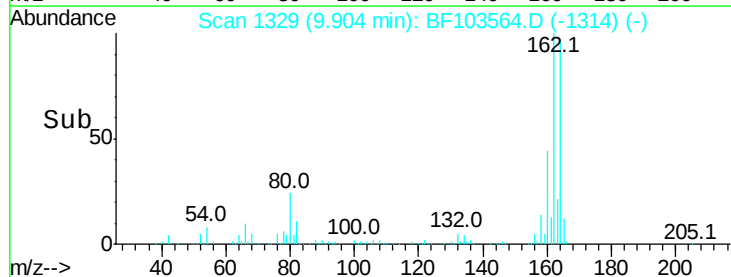
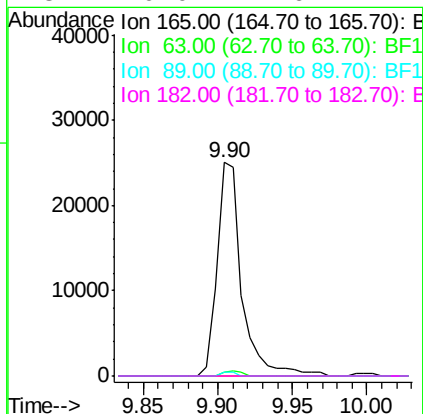
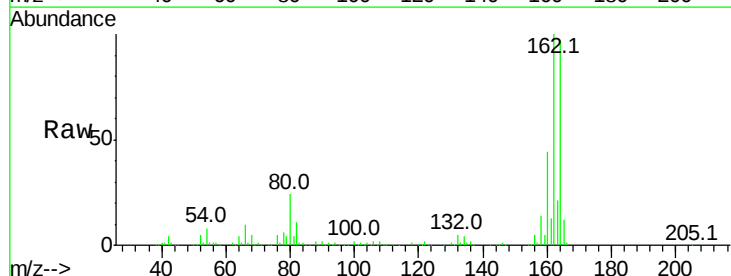
Instrument :
 BNA_F
 ClientSampleId :

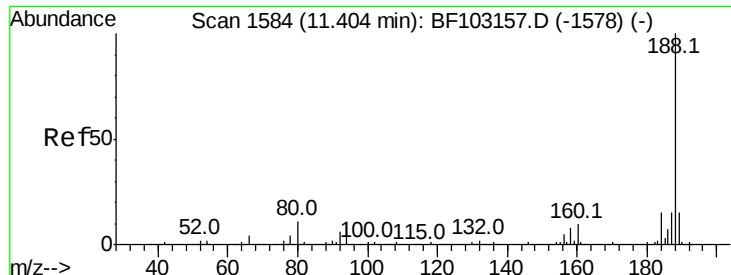
Tot Ion:172 Resp: 950622
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.6 19.6 29.4



#56
 2,4-Dinitrotoluene
 Concen: 5.889 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF103564.D
 Acq: 9 Mar 2018 18:27

Tgt Ion:165 Resp: 28982
 Ion Ratio Lower Upper
 165 100
 63 2.0 36.4 54.6#
 89 1.6 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. 0.00 min

Lab File: BF103564.D

Acq: 9 Mar 2018 18:27

Instrument :

BNA_F

ClientSampleId :

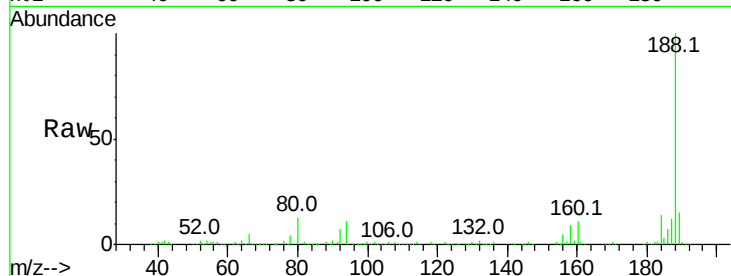
Tot Ion:188 Resp: 339965

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

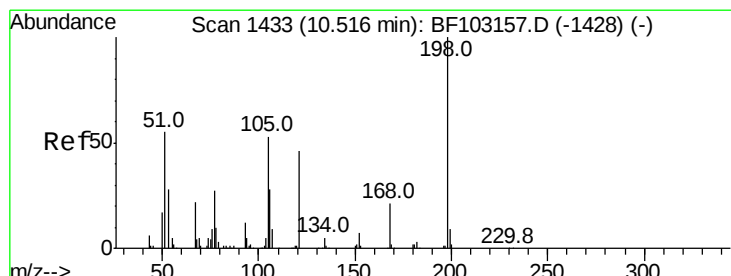
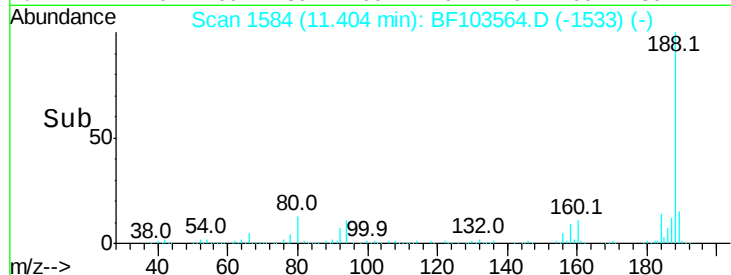
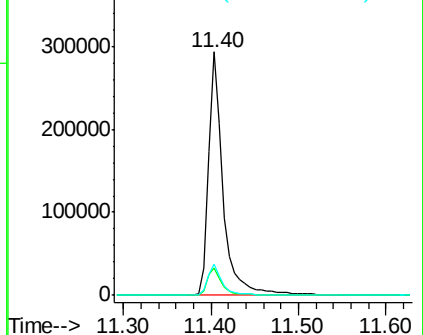
80 12.5 9.2 13.8



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: 5.005 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.17 min

Lab File: BF103564.D

Acq: 9 Mar 2018 18:27

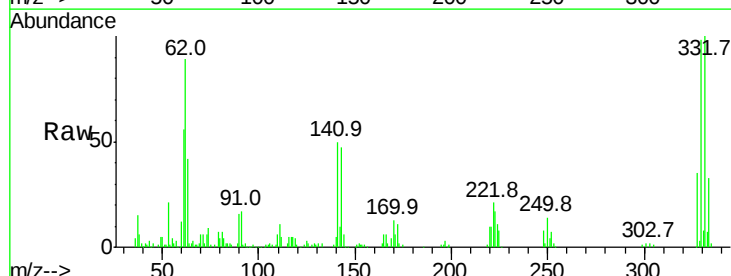
Tgt Ion:198 Resp: 138

Ion Ratio Lower Upper

198 100

51 252.0 37.7 77.7#

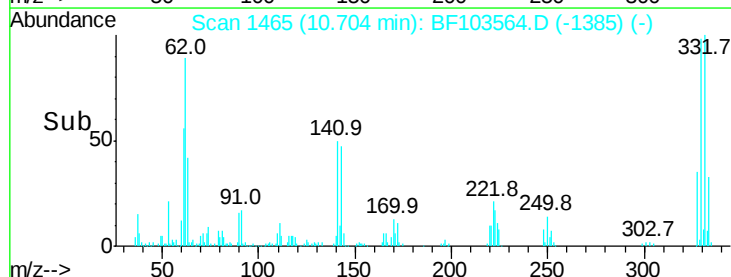
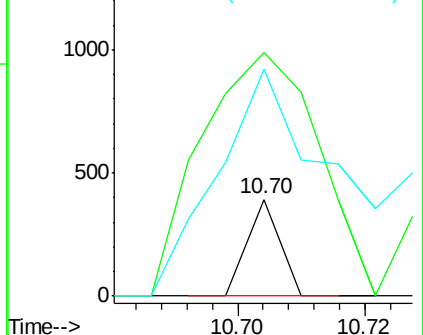
105 235.2 36.3 76.3#

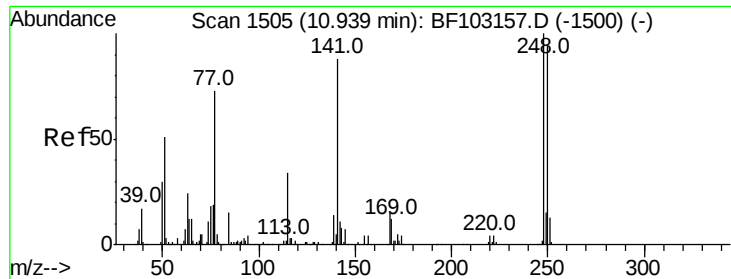


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

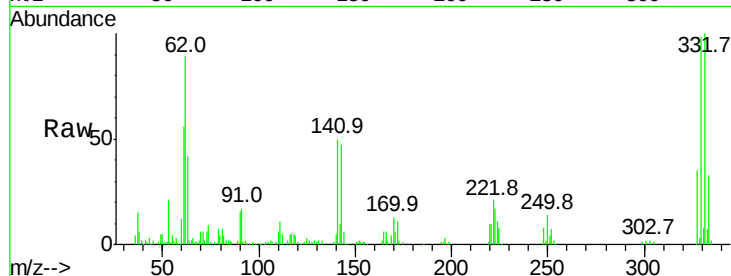




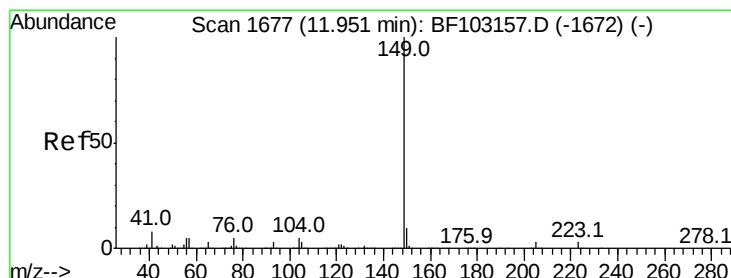
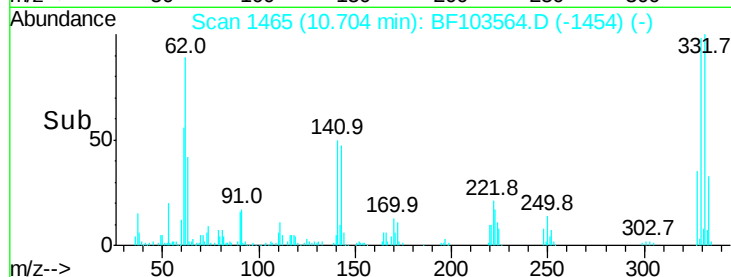
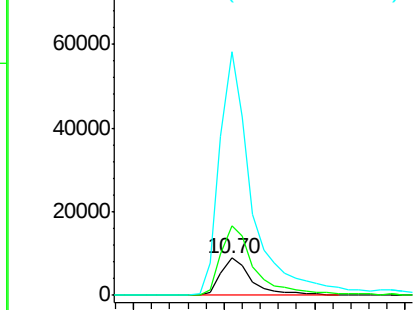
#66
4-Bromophenyl-phenylether
Concen: 2.990 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103564.D
Acq: 9 Mar 2018 18:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 10589
Ion Ratio Lower Upper
248 100
250 186.2 76.9 115.3#
141 654.6 74.4 111.6#

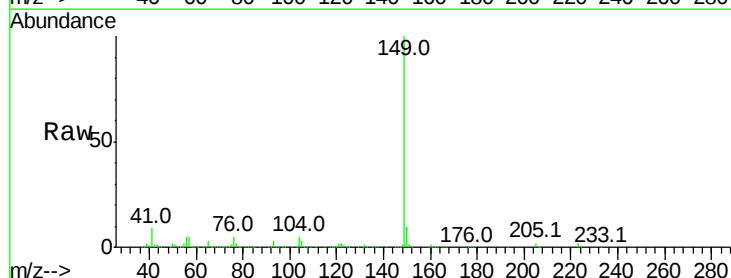


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

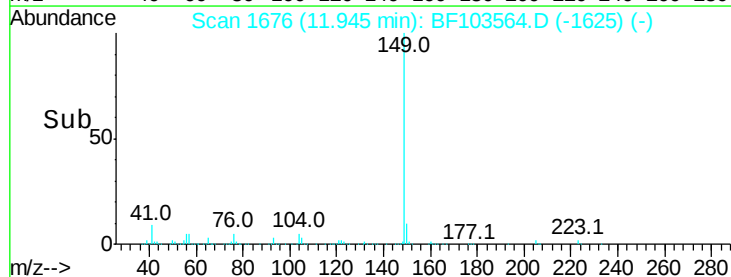
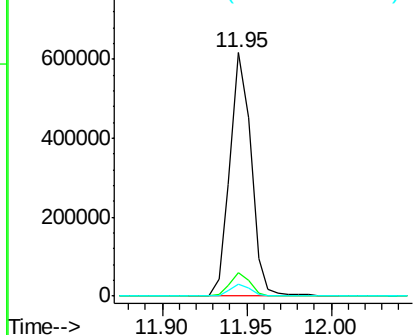


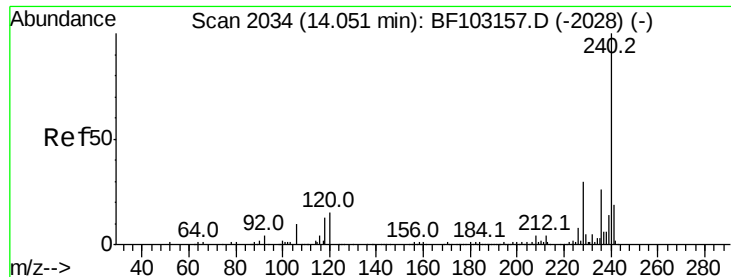
#73
Di-n-butylphthalate
Concen: 22.650 ng
RT: 11.95 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BF103564.D
Acq: 9 Mar 2018 18:27

Tgt Ion:149 Resp: 541478
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.1 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# 2036

Delta R.T. 0.00 min

Lab File: BF103564.D

Acq: 9 Mar 2018 18:27

Instrument :

BNA_F

ClientSampled :

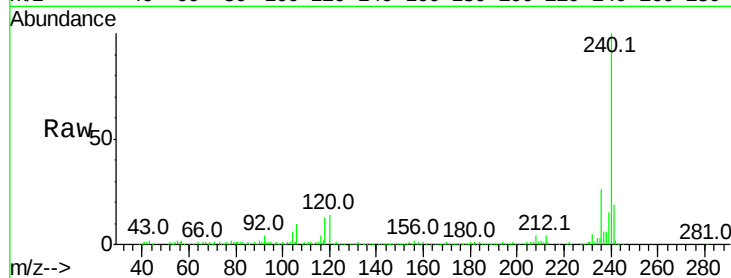
Tot Ion:240 Resp: 246055

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3

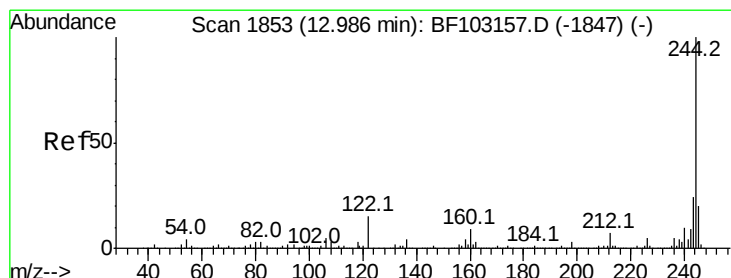
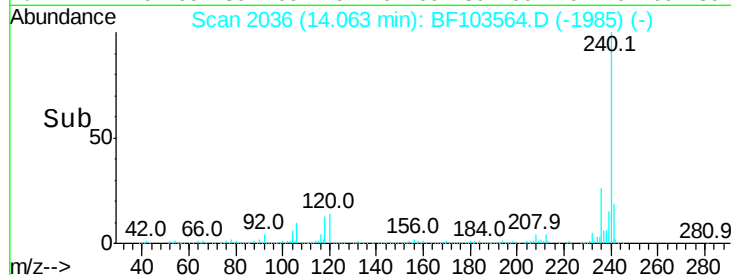
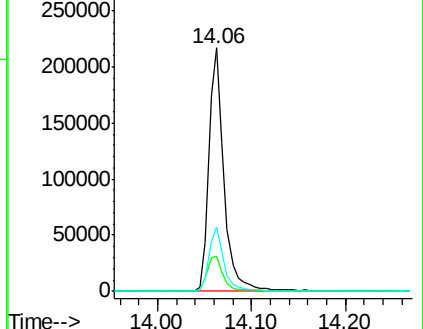
236 26.5 20.7 31.1



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: 56.340 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103564.D

Acq: 9 Mar 2018 18:27

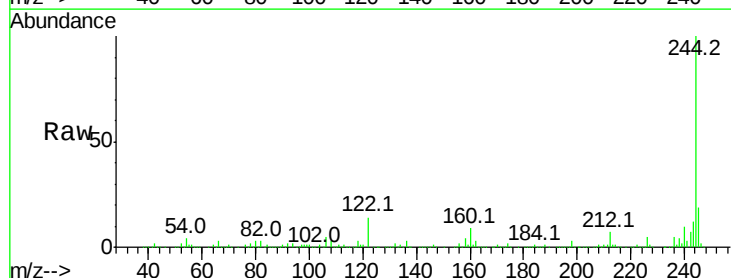
Tgt Ion:244 Resp: 576690

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

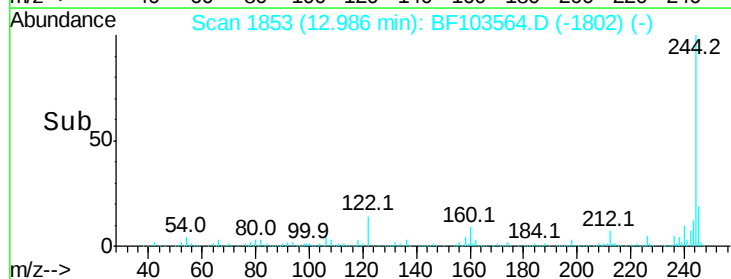
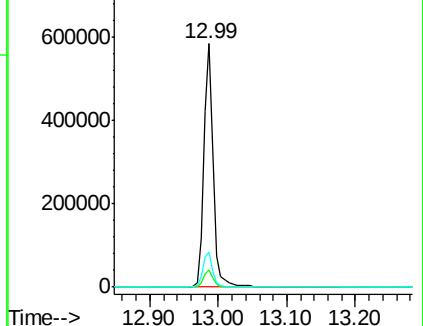
122 14.5 11.0 16.4

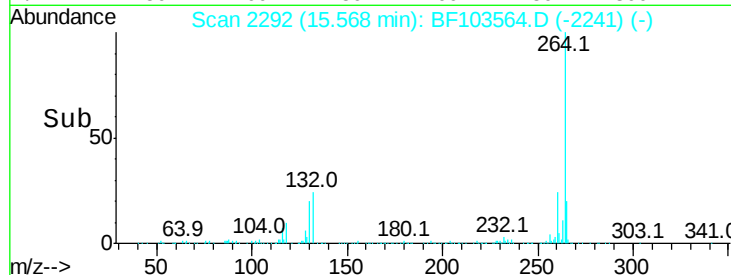
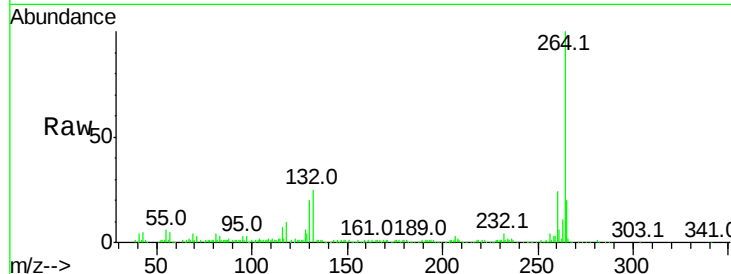
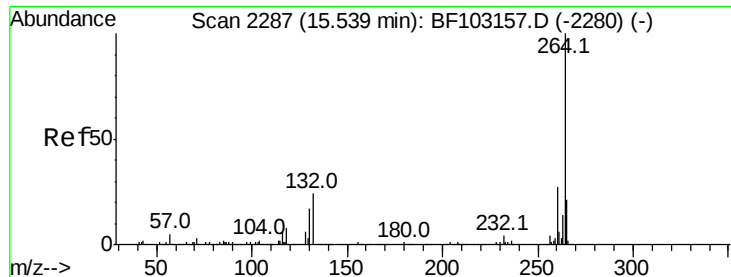


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103564.D
Acq: 9 Mar 2018 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.3	17.5	26.3

