

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103544.D
 Acq On : 9 Mar 2018 4:44
 Operator : SJ/JU
 Sample : J1817-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 05:31:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

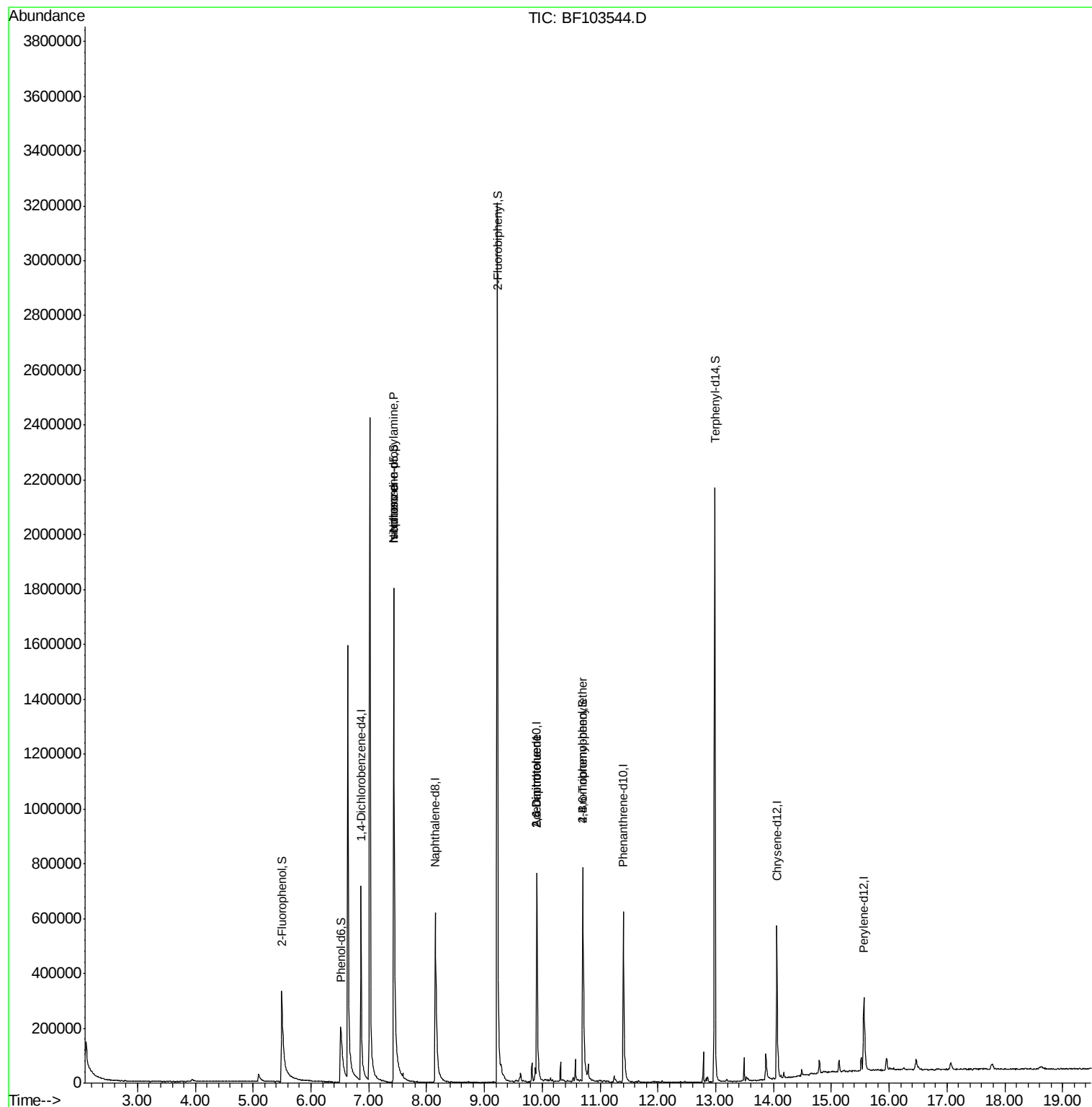
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	137373	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	563268	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	218251	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	337583	20.00	ng	0.00
75) Chrysene-d12	14.06	240	233958	20.00	ng	0.00
86) Perylene-d12	15.56	264	168285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	271932	29.94	ng	0.00
7) Phenol-d6	6.52	99	220303	19.82	ng	0.01
23) Nitrobenzene-d5	7.43	82	903268	91.58	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	107834	58.37	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1240165	102.85	ng	0.00
78) Terphenyl-d14	12.99	244	795983	81.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	114959	16.619	ng	# 84
25) Isophorone	7.43	82	907339	46.709	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	28185	7.671	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	28294	6.089	ng	# 23
66) 4-Bromophenyl-phenylether	10.70	248	7866	2.237	ng	# 1

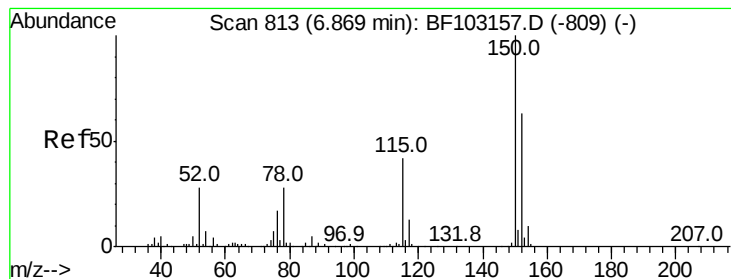
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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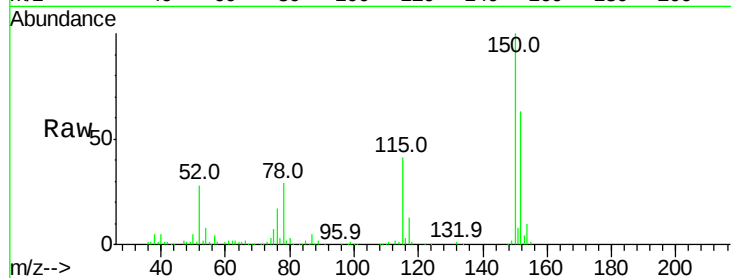


#1

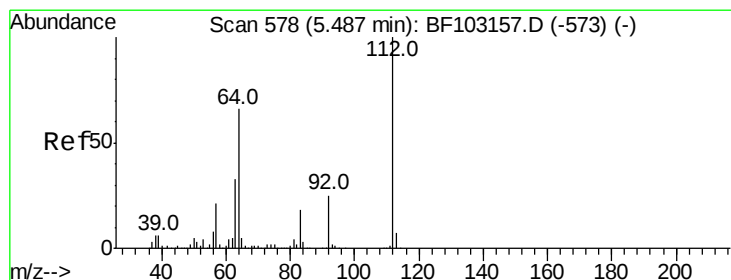
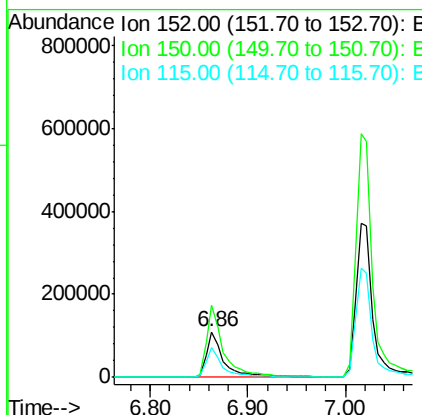
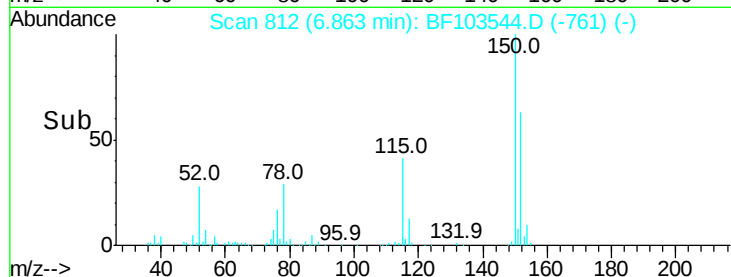
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103544.D
Acq: 9 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	65.1	50.1	75.1



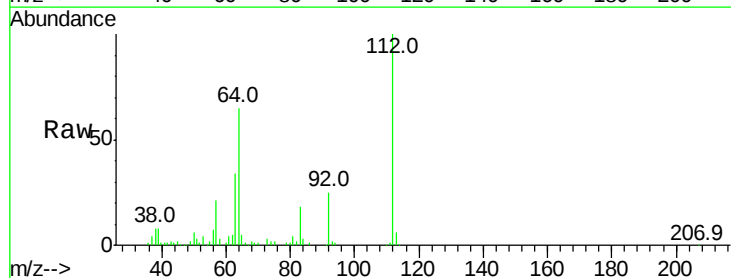
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



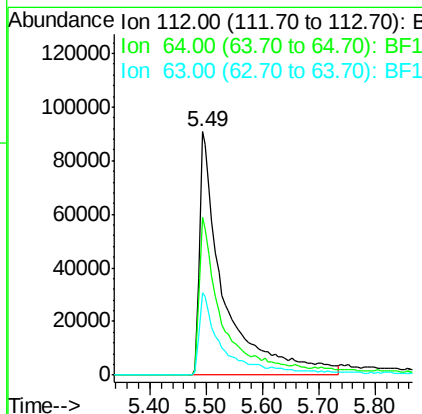
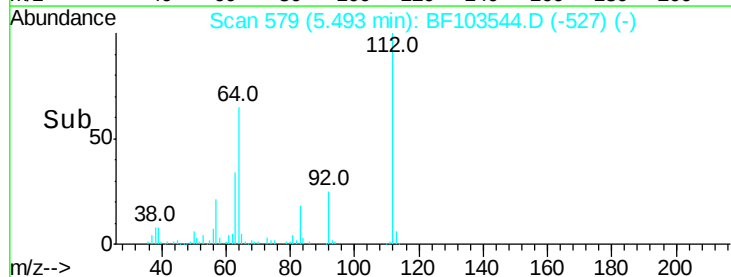
#5

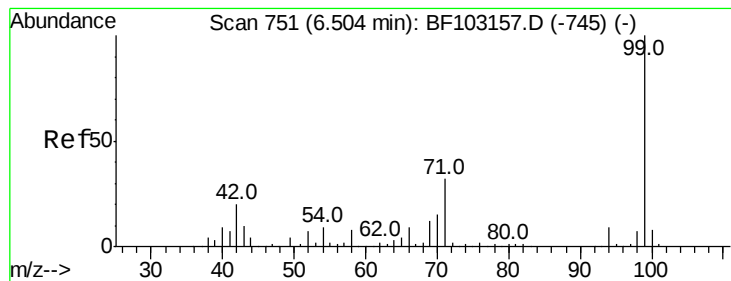
2-Fluorophenol
Concen: 29.939 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103544.D
Acq: 9 Mar 2018 4:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	47.9	71.9
63	33.7	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: 19.822 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103544.D

Acq: 9 Mar 2018 4:44

Instrument :

BNA_F

ClientSampleId :

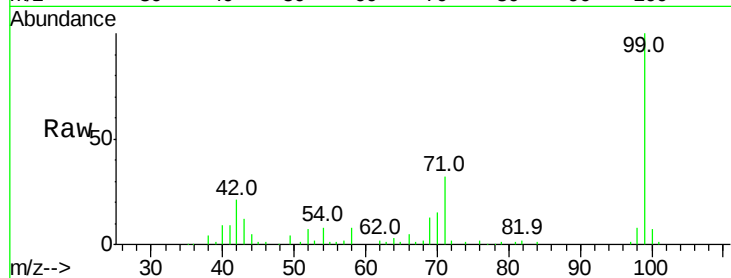
Tot Ion: 99 Resp: 220303

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

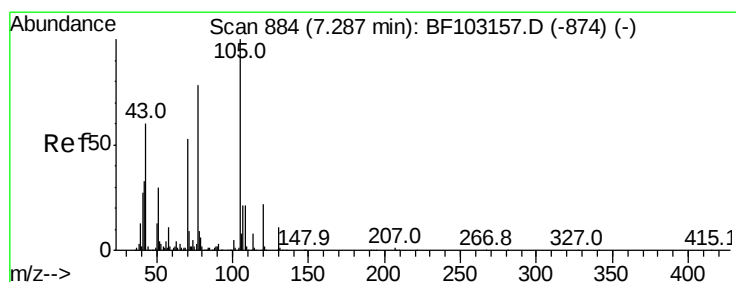
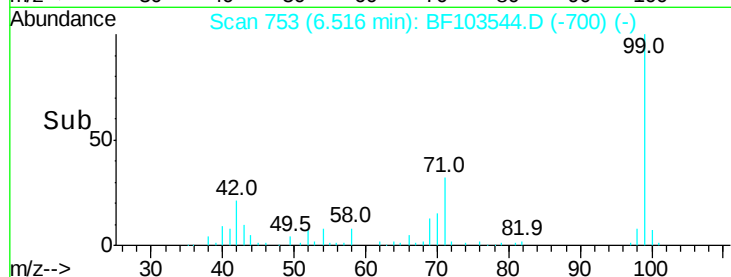
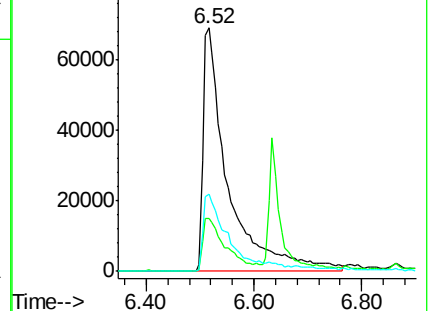
71 31.9 25.4 38.0



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: 16.619 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.16 min

Lab File: BF103544.D

Acq: 9 Mar 2018 4:44

Tgt Ion: 70 Resp: 114959

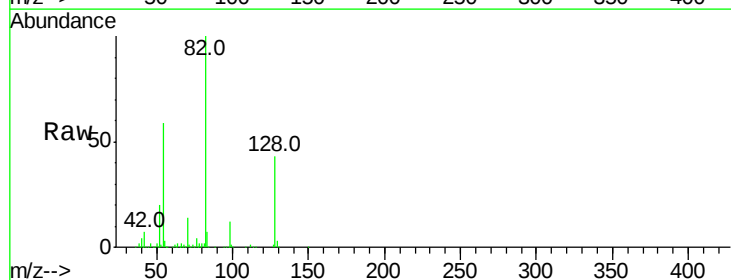
Ion Ratio Lower Upper

70 100

42 54.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

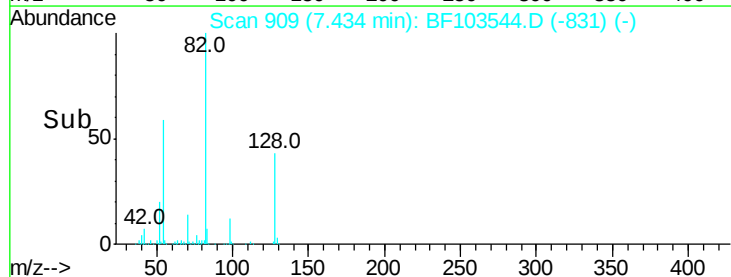
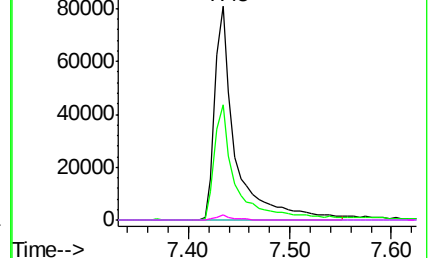


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

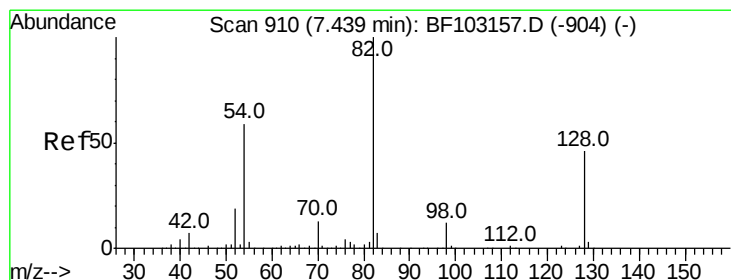
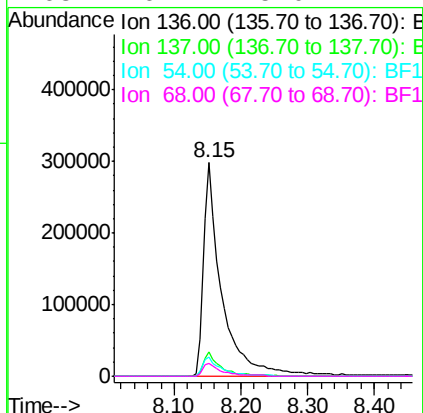
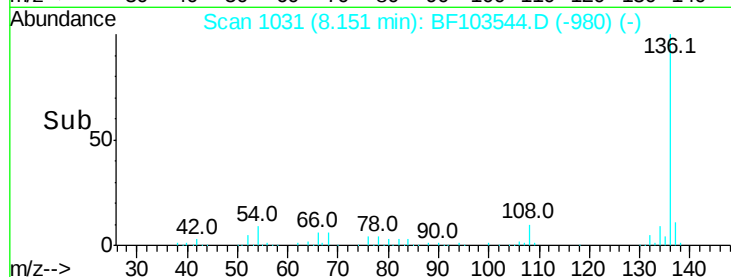
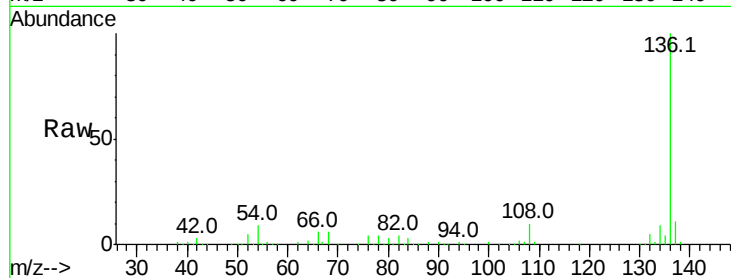




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103544.D
Acq: 9 Mar 2018 4:44

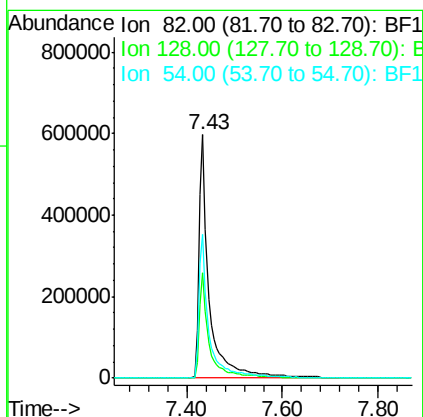
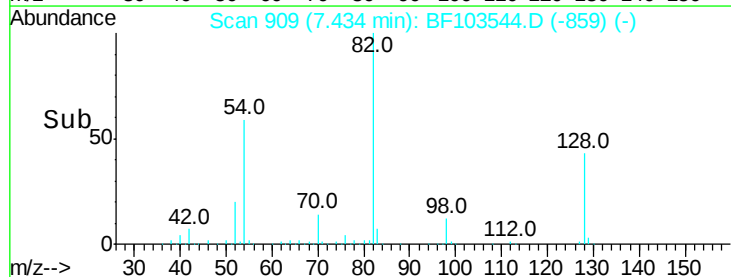
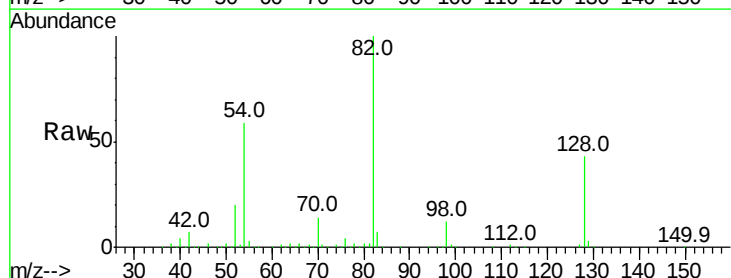
Instrument :
BNA_F
ClientSampleId :

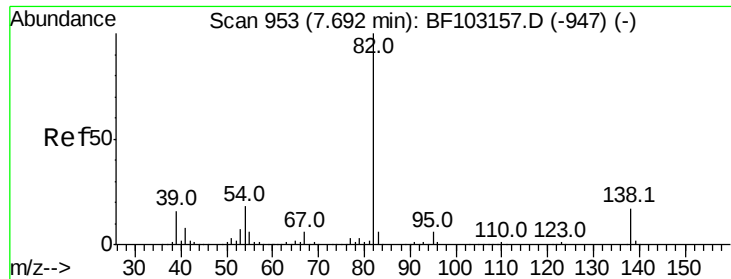
Tot Ion:	136	Resp:	563268
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.1	6.6	9.8
68	6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 91.580 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103544.D
Acq: 9 Mar 2018 4:44

Tgt Ion:	82	Resp:	903268
Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	59.0	41.4	62.2





#25

Isophorone

Concen: 46.709 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103544.D

Acq: 9 Mar 2018 4:44

Instrument :

BNA_F

ClientSampleId :

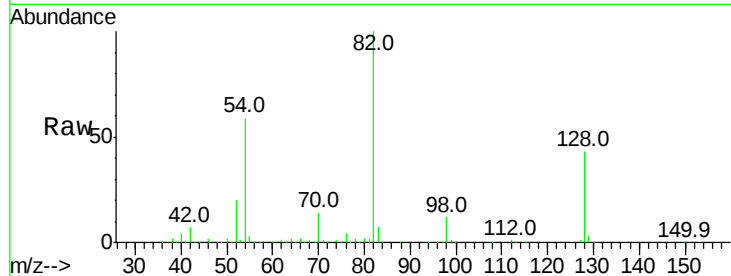
Tot Ion: 82 Resp: 907339

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

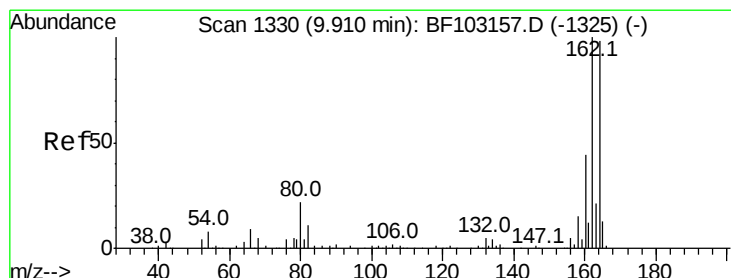
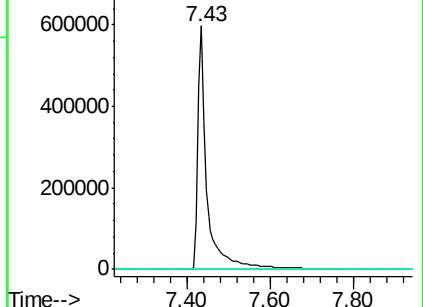
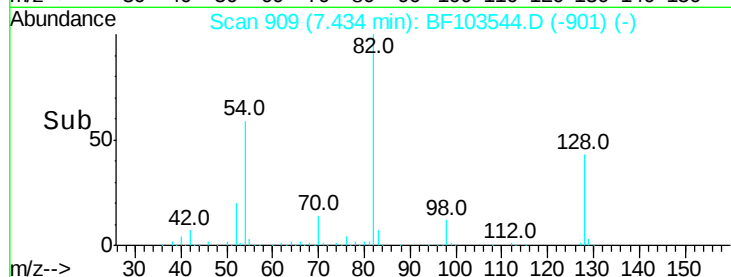
138 0.0 14.9 22.3#



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: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103544.D

Acq: 9 Mar 2018 4:44

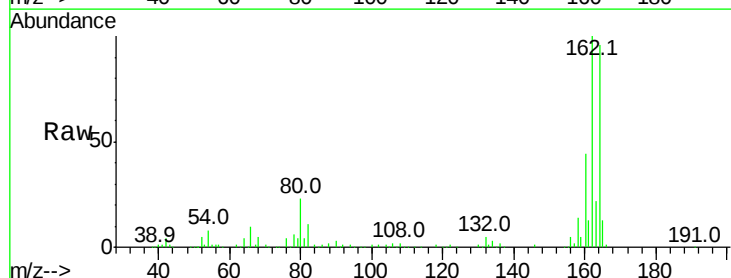
Tgt Ion:164 Resp: 218251

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

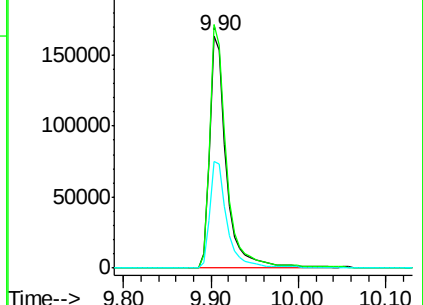
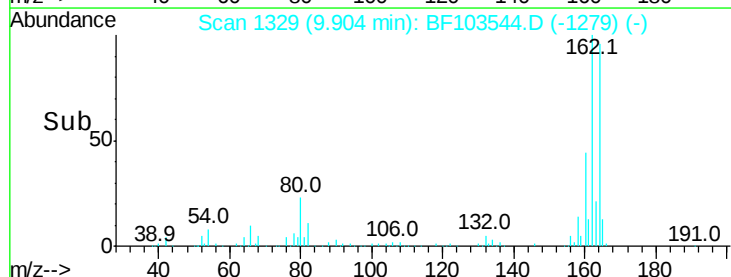
160 46.1 38.3 57.5



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

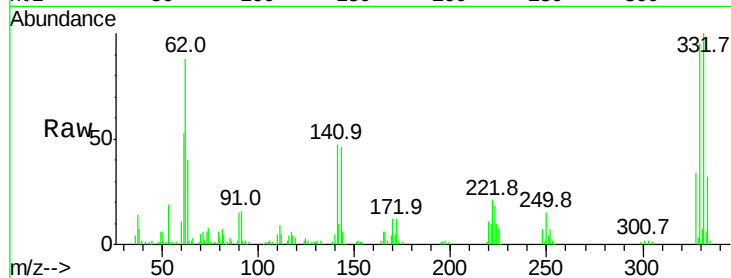




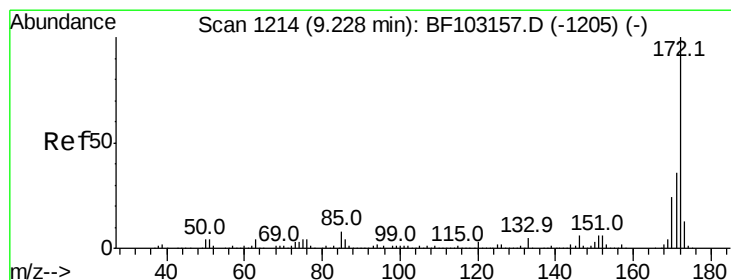
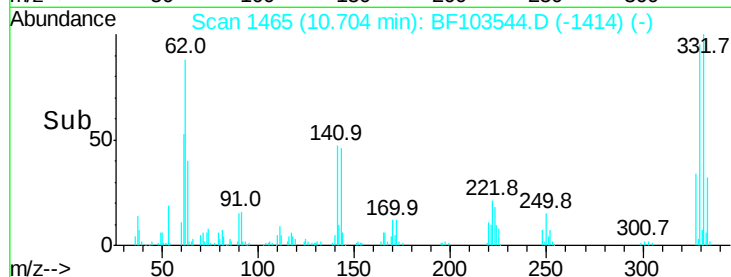
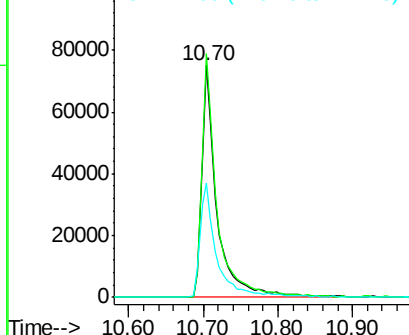
#41
 2,4,6-Tribromophenol
 Concen: 58.371 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103544.D
 Acq: 9 Mar 2018 4:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 107834
 Ion Ratio Lower Upper
 330 100
 332 104.6 77.0 115.6
 141 53.6 29.9 44.9#

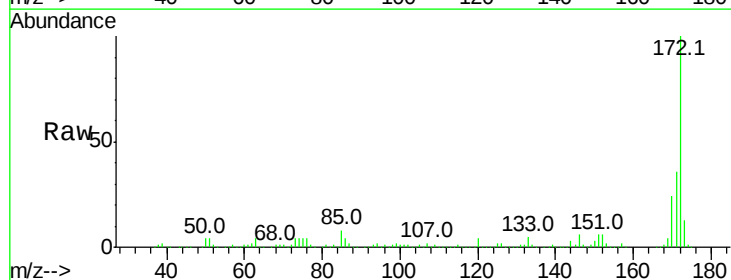


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

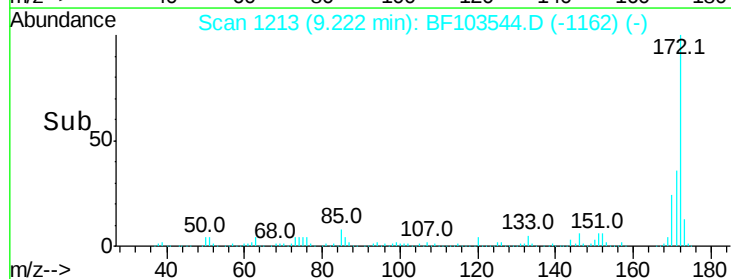
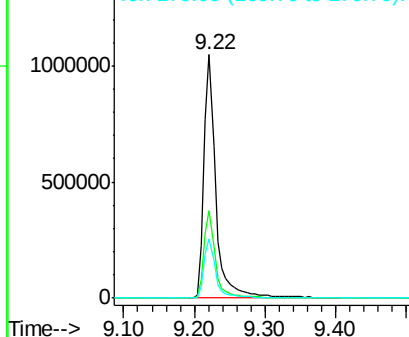


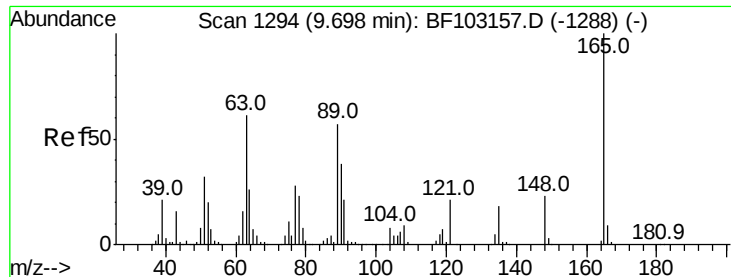
#44
 2-Fluorobiphenyl
 Concen: 102.850 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103544.D
 Acq: 9 Mar 2018 4:44

Tgt Ion:172 Resp: 1240165
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.3 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

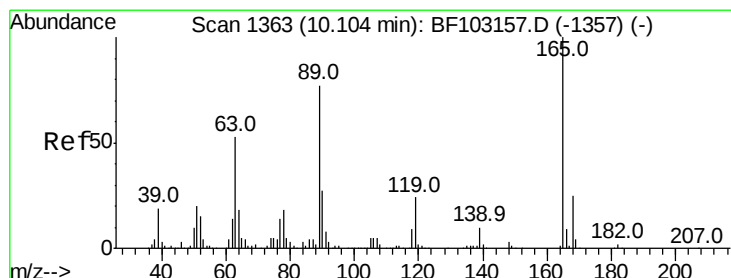
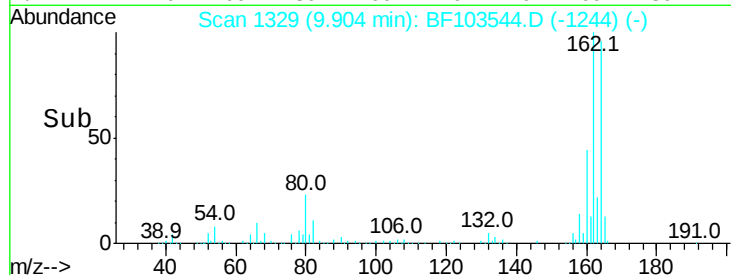
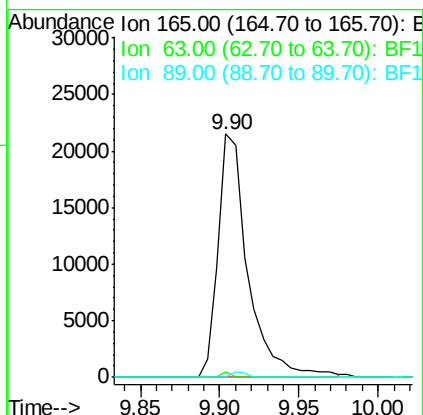
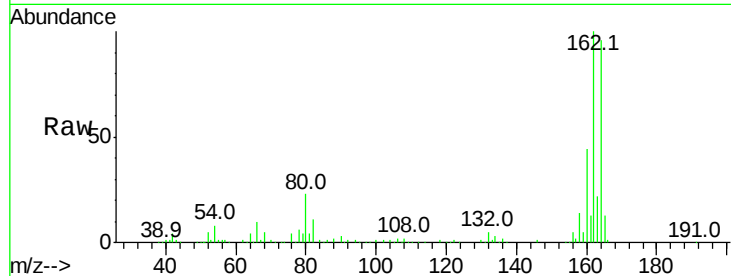




#50
 2,6-Dinitrotoluene
 Concen: 7.671 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.20 min
 Lab File: BF103544.D
 Acq: 9 Mar 2018 4:44

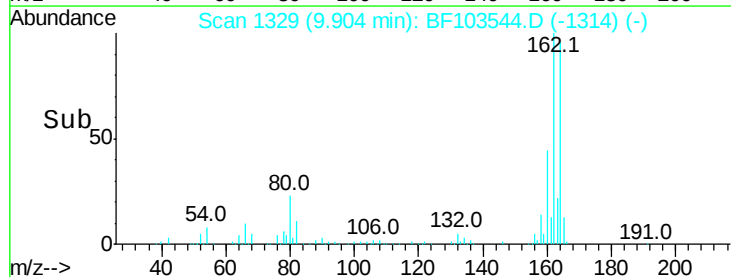
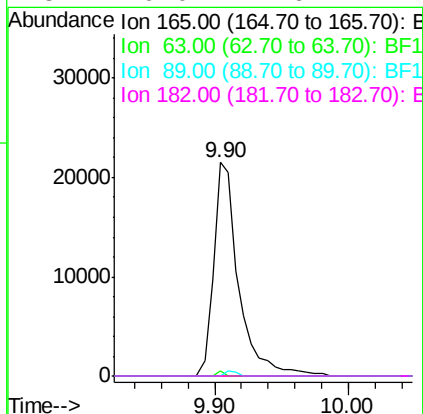
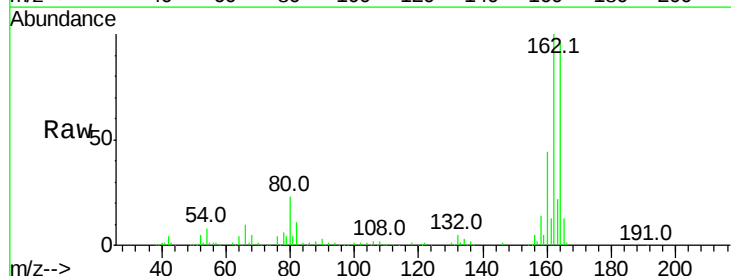
Instrument :
 BNA_F
 ClientSampleId :

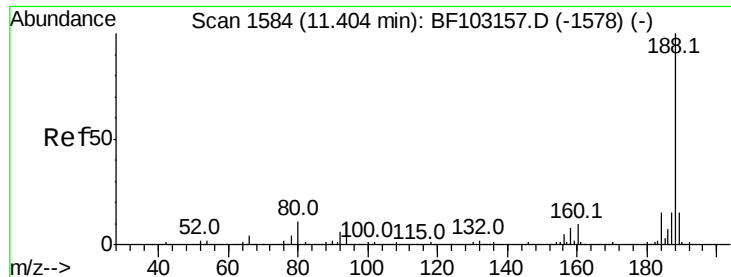
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.089 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF103544.D
 Acq: 9 Mar 2018 4:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

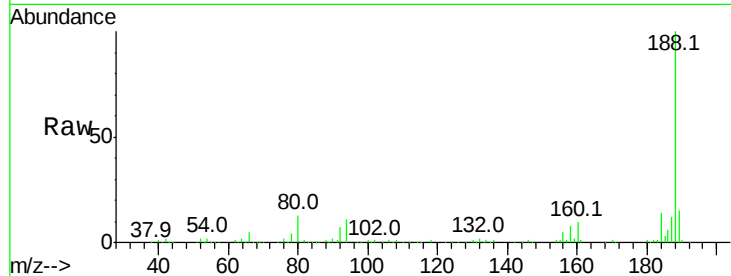




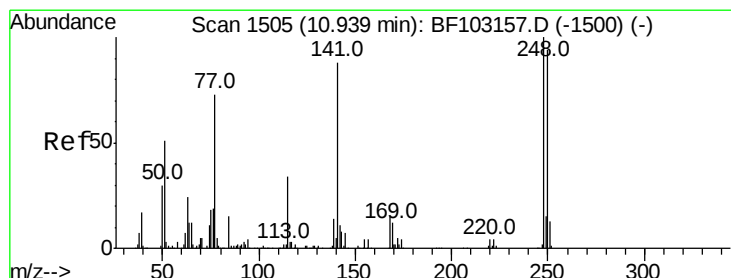
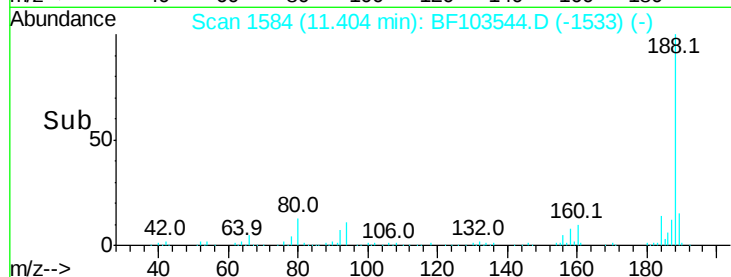
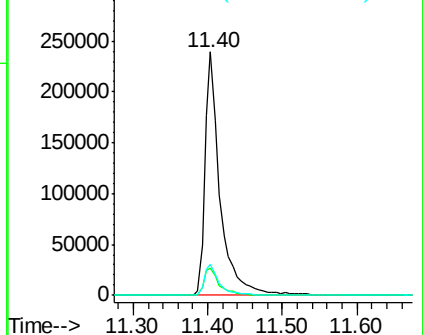
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103544.D
Acq: 9 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 337583
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.9 9.2 13.8

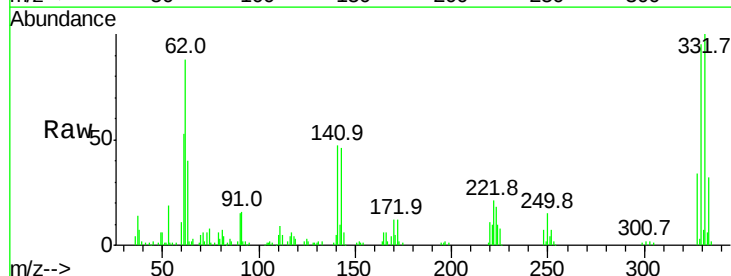


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

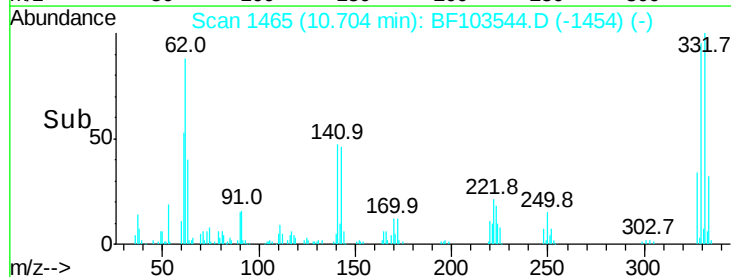
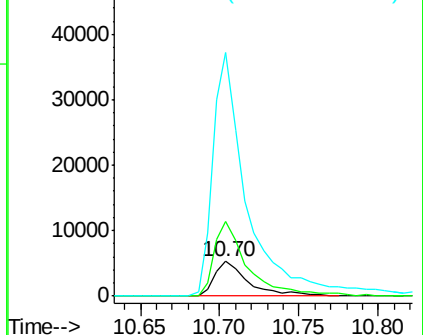


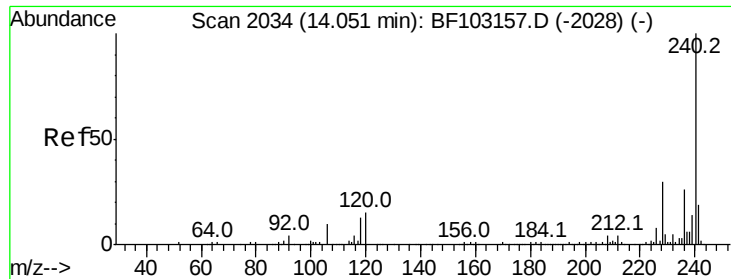
#66
4-Bromophenyl-phenylether
Concen: 2.237 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103544.D
Acq: 9 Mar 2018 4:44

Tgt Ion:248 Resp: 7866
Ion Ratio Lower Upper
248 100
250 216.9 76.9 115.3#
141 704.7 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103544.D

Acq: 9 Mar 2018 4:44

Instrument :

BNA_F

ClientSampleId :

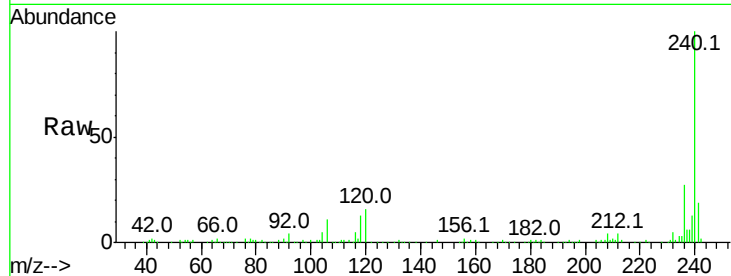
Tot Ion:240 Resp: 233958

Ion Ratio Lower Upper

240 100

120 16.1 9.5 14.3#

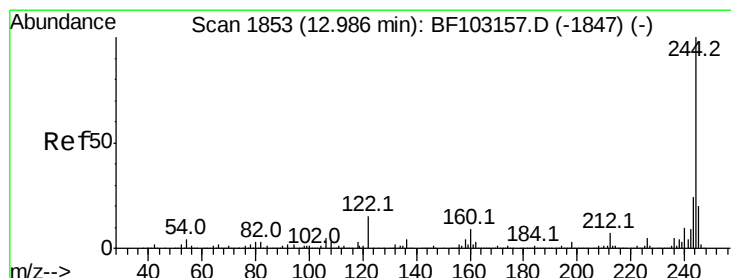
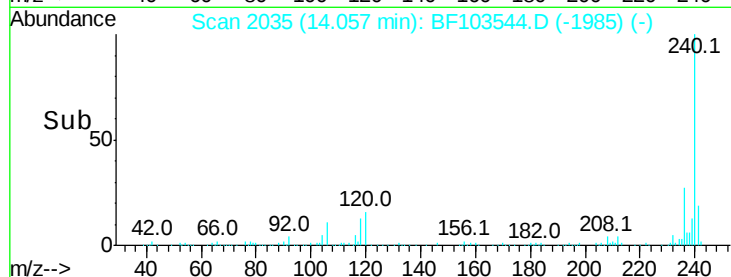
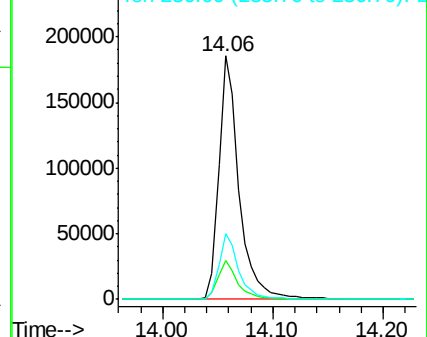
236 26.8 20.7 31.1



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: 81.785 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103544.D

Acq: 9 Mar 2018 4:44

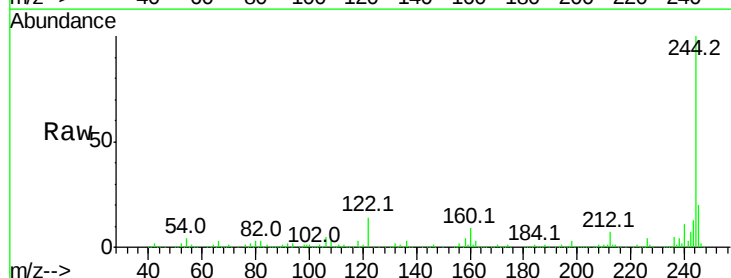
Tgt Ion:244 Resp: 795983

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

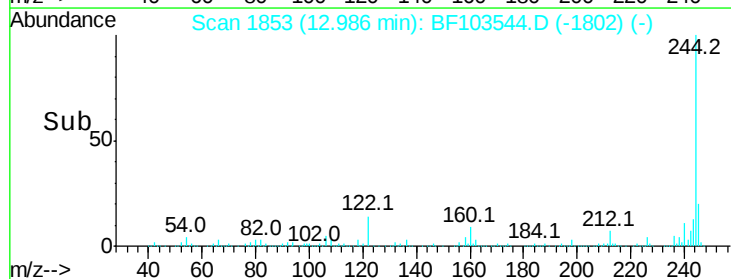
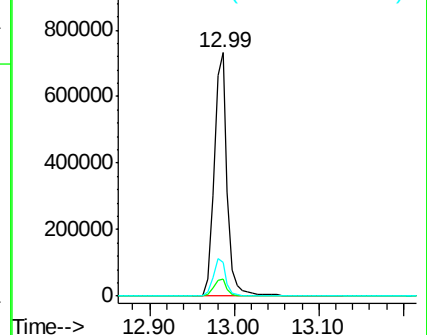
122 14.0 11.0 16.4

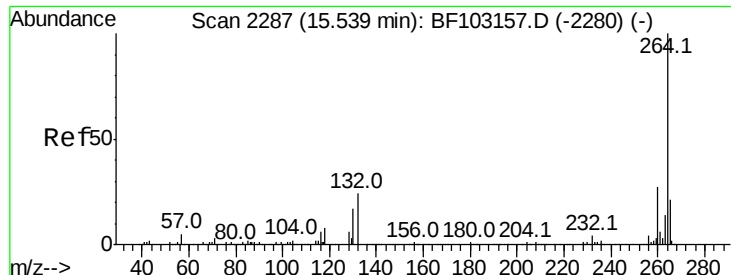


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

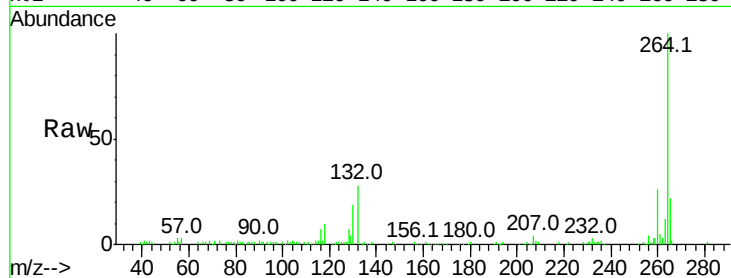




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103544.D
Acq: 9 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 168285
Ion Ratio Lower Upper
264 100
260 25.7 19.2 28.8
265 21.8 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

