

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104254.D
 Acq On : 5 Apr 2018 5:00
 Operator : JU/SJ
 Sample : J2201-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 06:46:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	113275	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	491999	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	216506	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	349391	20.00	ng	0.00
75) Chrysene-d12	14.14	240	229533	20.00	ng	0.00
86) Perylene-d12	15.67	264	206122	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	963320	135.62	ng	0.00
7) Phenol-d6	6.59	99	1233843	141.19	ng	-0.01
23) Nitrobenzene-d5	7.52	82	785998	97.70	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	301799	125.19	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1450234	105.63	ng	0.00
78) Terphenyl-d14	13.07	244	1113684	112.03	ng	0.00

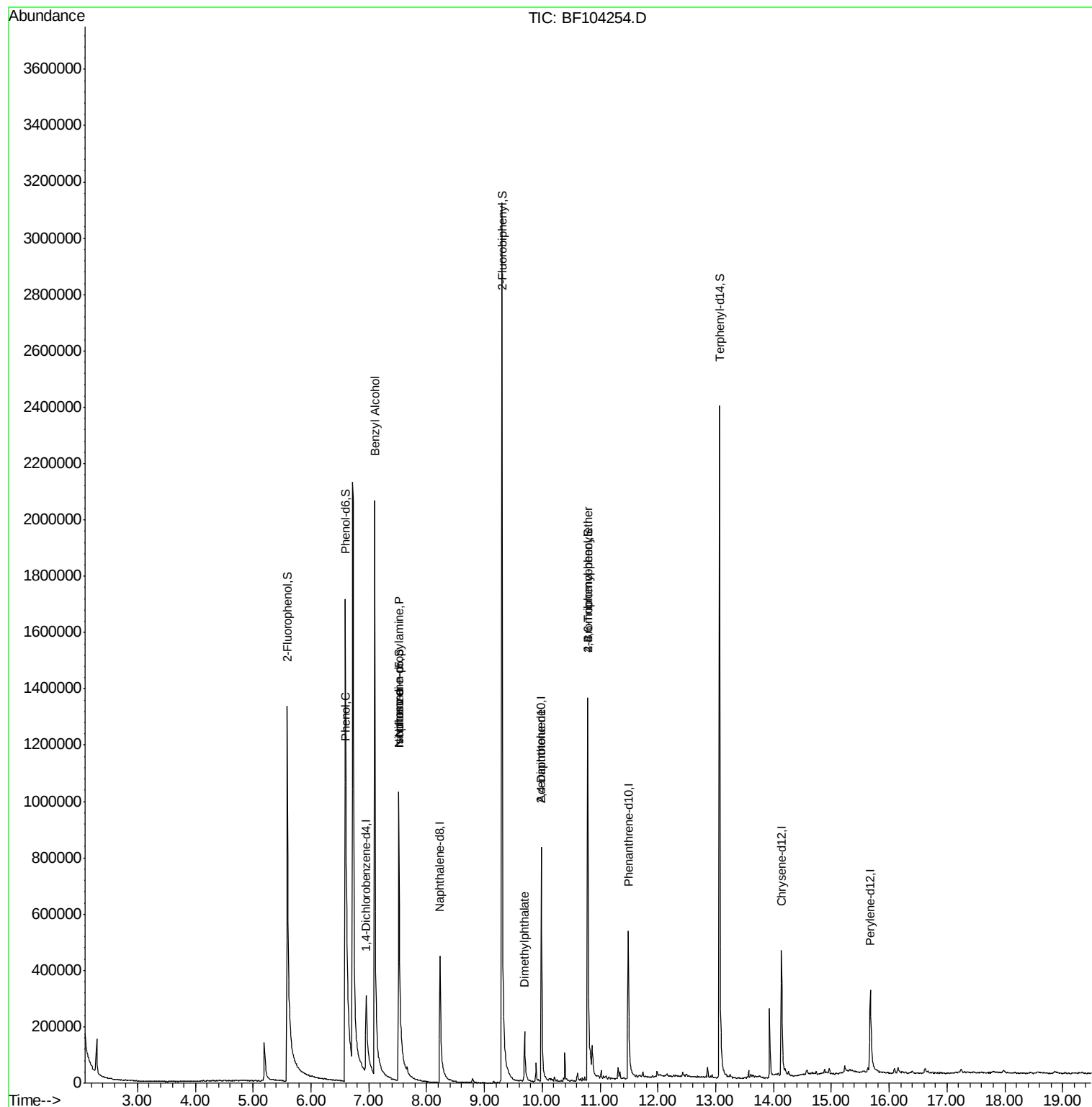
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.61	94	236660	24.442	ng	89
15) Benzyl Alcohol	7.10	79	11418	2.010	ng	# 41
19) n-Nitroso-di-n-propylamine	7.52	70	89811	17.317	ng	# 72
25) Isophorone	7.52	82	785998	53.014	ng	# 64
49) Dimethylphthalate	9.69	163	122748	7.181	ng	99
56) 2,4-Dinitrotoluene	9.99	165	26849	5.721	ng	# 23
66) 4-Bromophenyl-phenylether	10.79	248	17687	4.732	ng	# 1

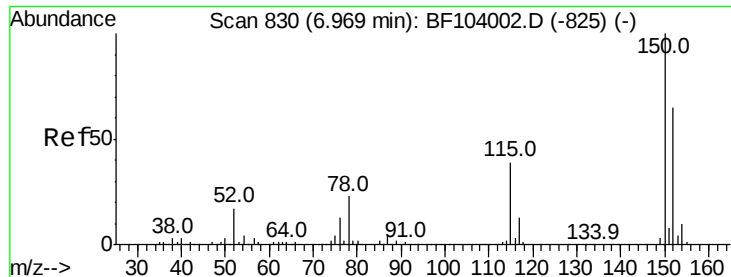
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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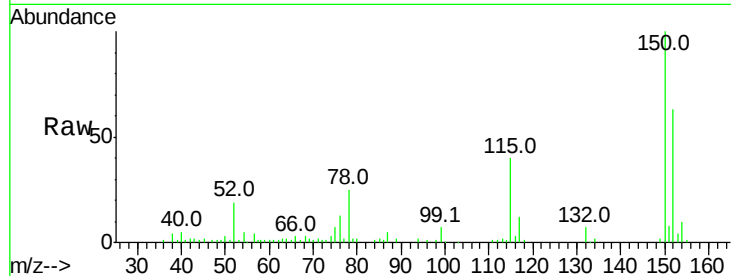


#1

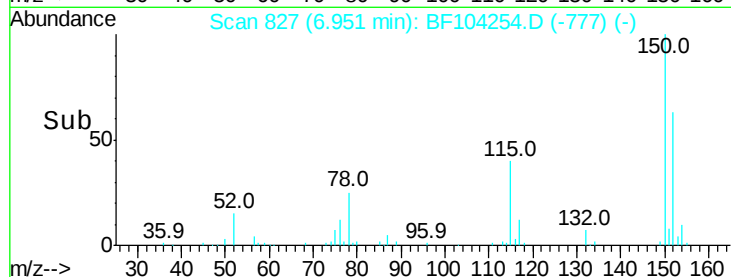
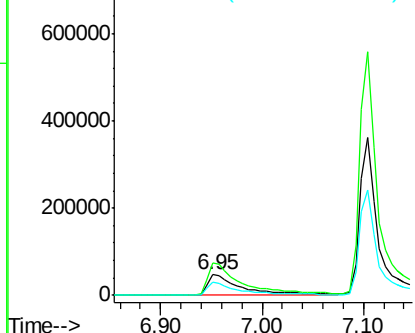
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104254.D
Acq: 5 Apr 2018 5:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113275
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 63.7 50.1 75.1



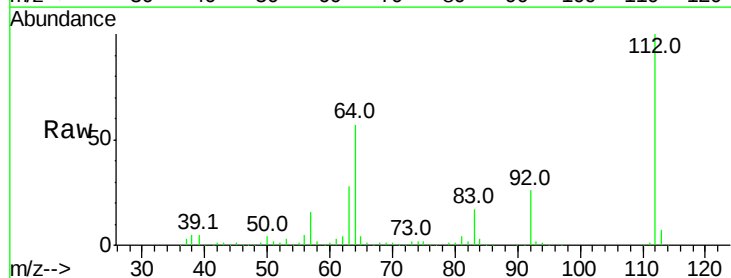
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



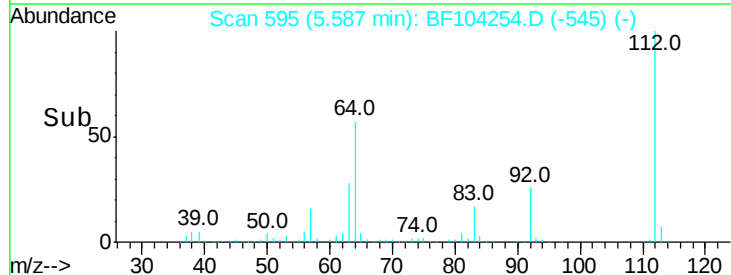
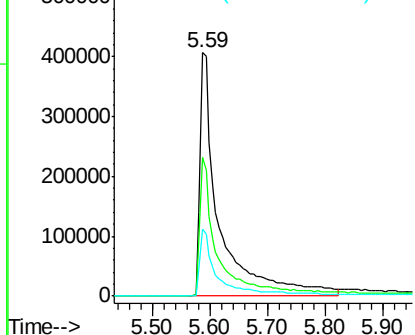
#5

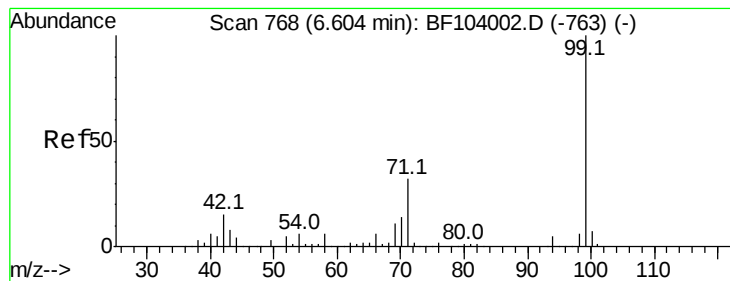
2-Fluorophenol
Concen: 135.621 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF104254.D
Acq: 5 Apr 2018 5:00

Tgt Ion:112 Resp: 963320
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 27.7 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: 141.191 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104254.D

Acq: 5 Apr 2018 5:00

Instrument :

BNA_F

ClientSampleId :

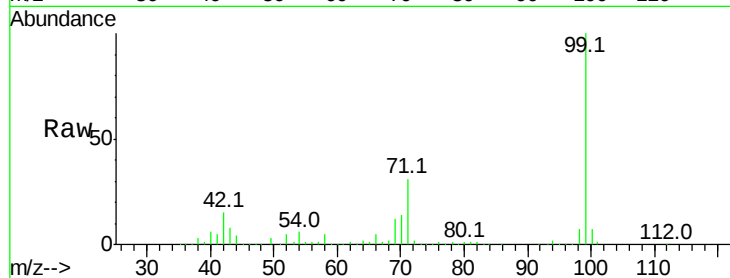
Tot Ion: 99 Resp: 1233843

Ion Ratio Lower Upper

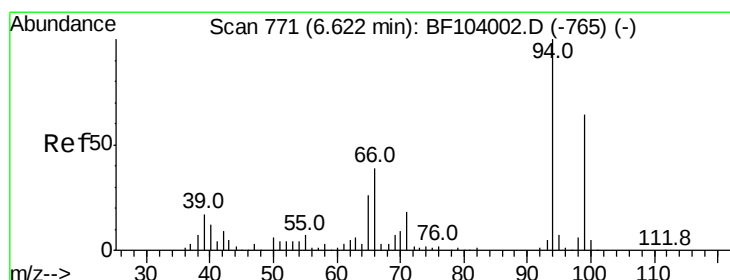
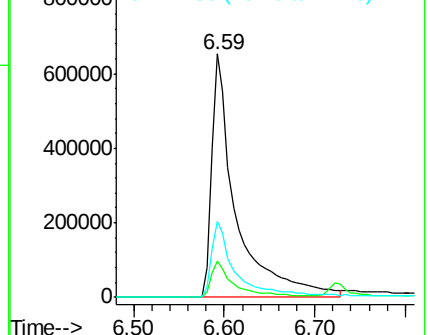
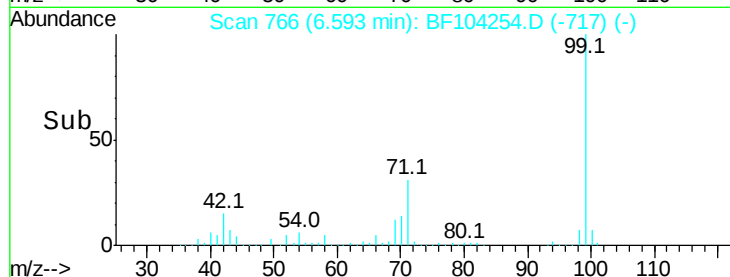
99 100

42 14.9 14.5 21.7

71 31.3 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



#10

Phenol

Concen: 24.442 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF104254.D

Acq: 5 Apr 2018 5:00

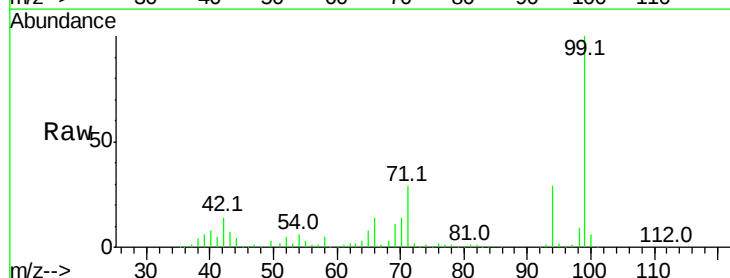
Tgt Ion: 94 Resp: 236660

Ion Ratio Lower Upper

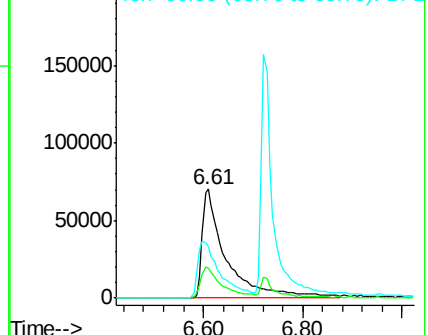
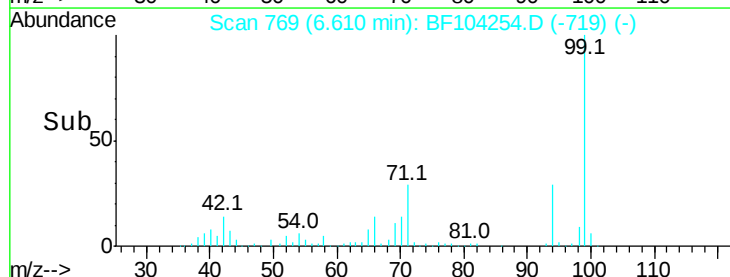
94 100

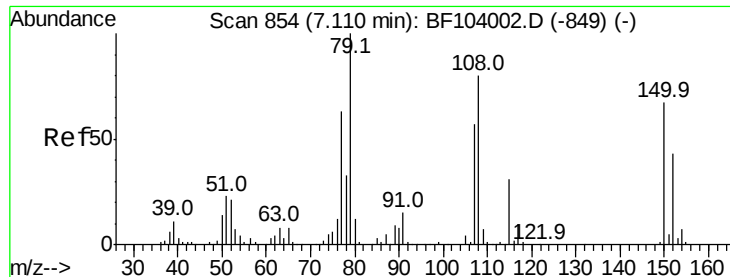
65 27.0 7.9 47.9

66 47.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

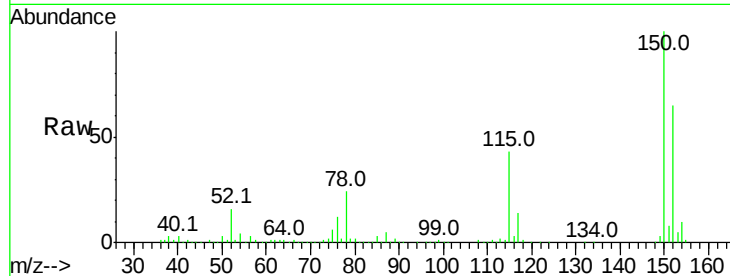




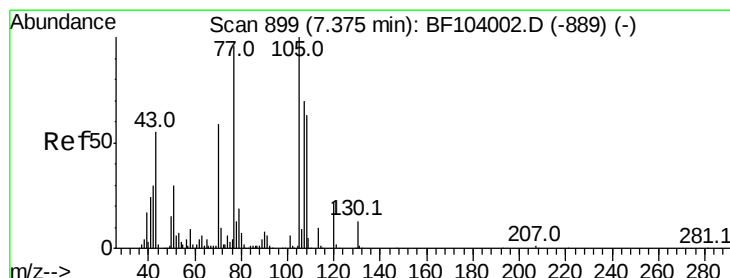
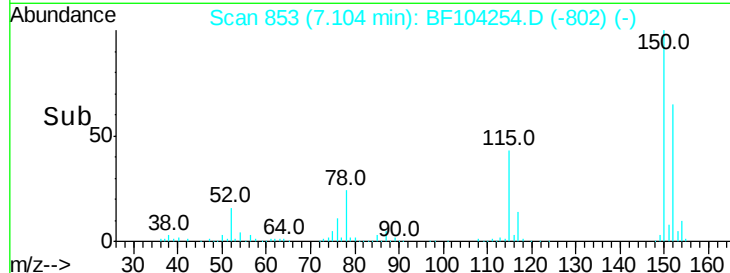
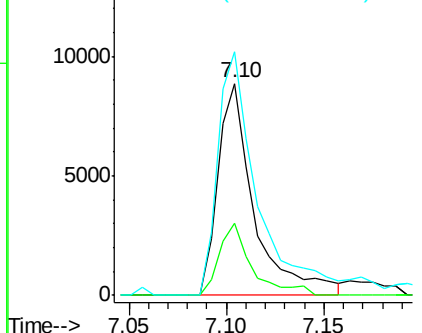
#15
Benzyl Alcohol
Concen: 2.010 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF104254.D
Acq: 5 Apr 2018 5:00

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 11418
Ion Ratio Lower Upper
79 100
108 33.9 65.1 97.7#
77 114.9 50.6 75.8#

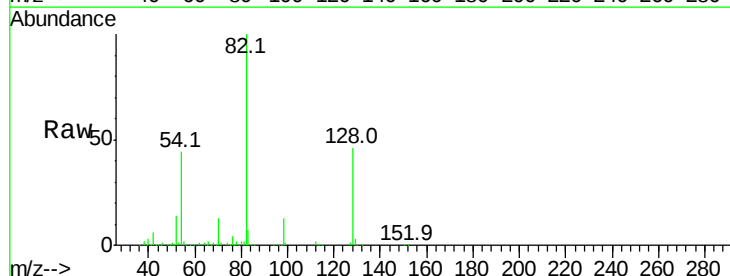


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

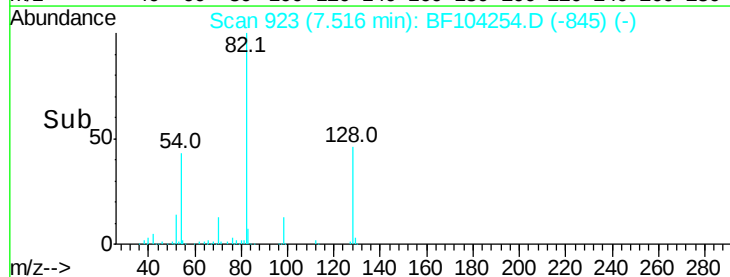
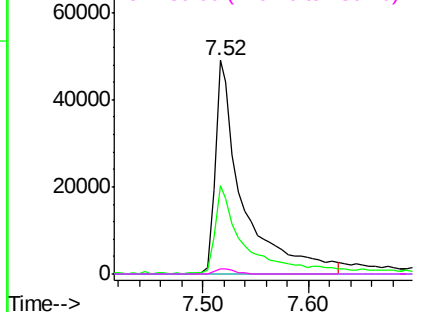


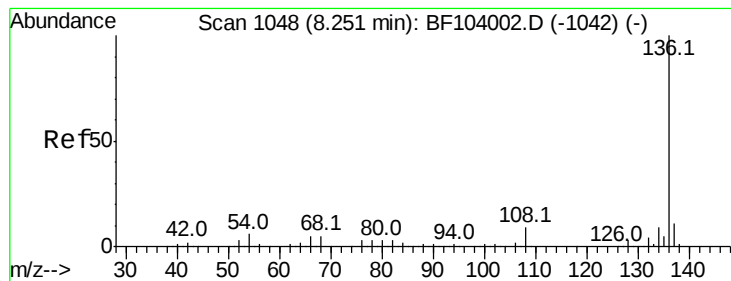
#19
n-Nitroso-di-n-propylamine
Concen: 17.317 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104254.D
Acq: 5 Apr 2018 5:00

Tgt Ion: 70 Resp: 89811
Ion Ratio Lower Upper
70 100
42 41.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 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: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104254.D

Acq: 5 Apr 2018 5:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 491999

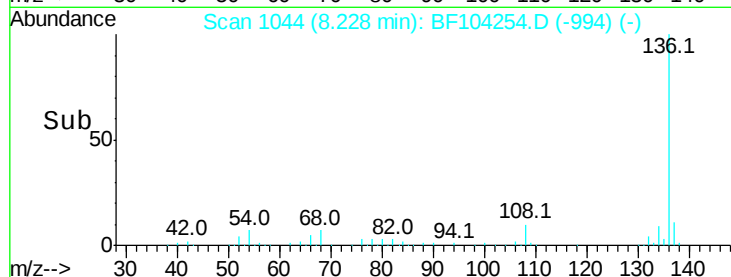
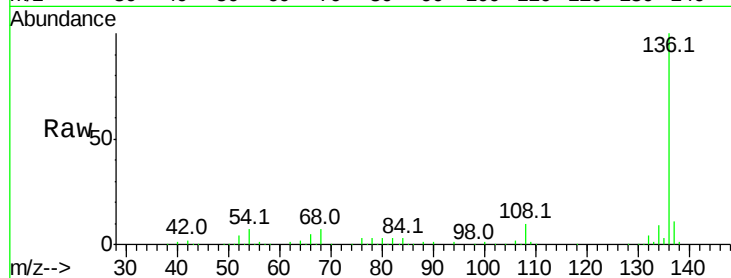
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.1 6.6 9.8

68 6.7 5.0 7.4

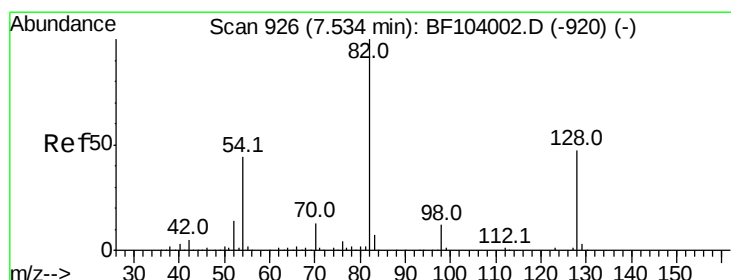
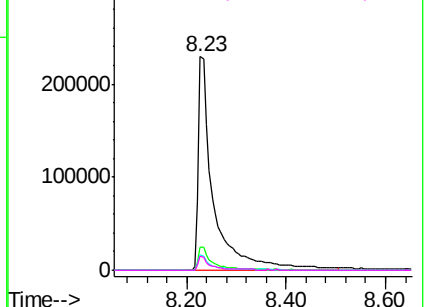


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.700 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF104254.D

Acq: 5 Apr 2018 5:00

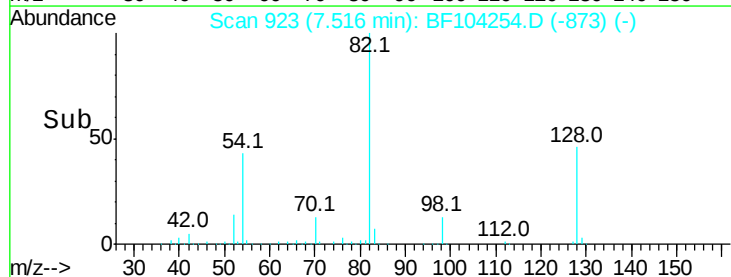
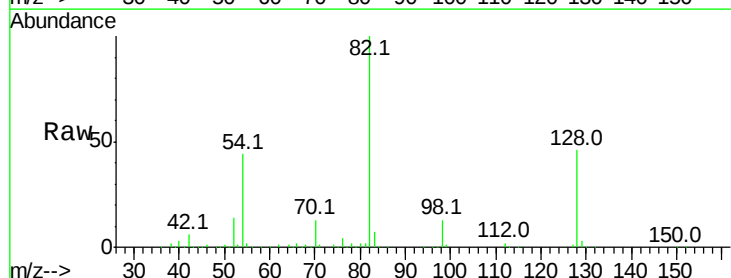
Tgt Ion: 82 Resp: 785998

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

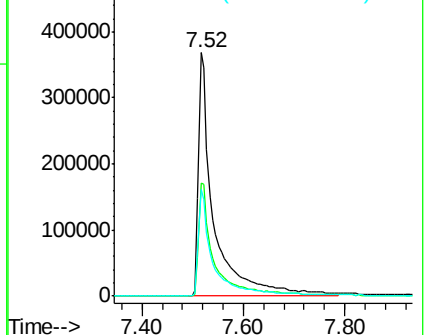
54 43.6 41.4 62.2

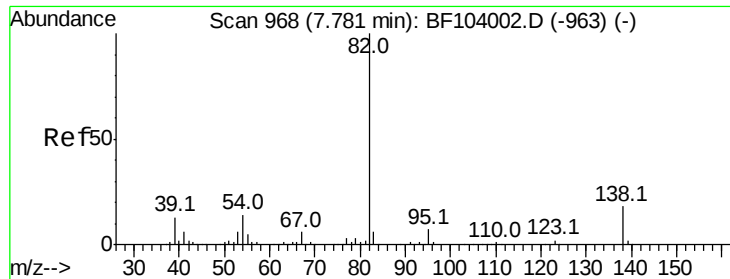


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 53.014 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.25 min

Lab File: BF104254.D

Acq: 5 Apr 2018 5:00

Instrument :

BNA_F

ClientSampleId :

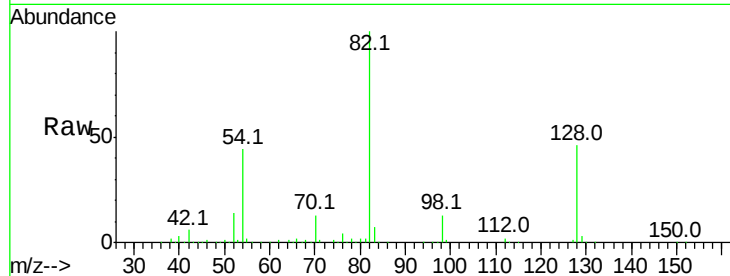
Tot Ion: 82 Resp: 785998

Ion Ratio Lower Upper

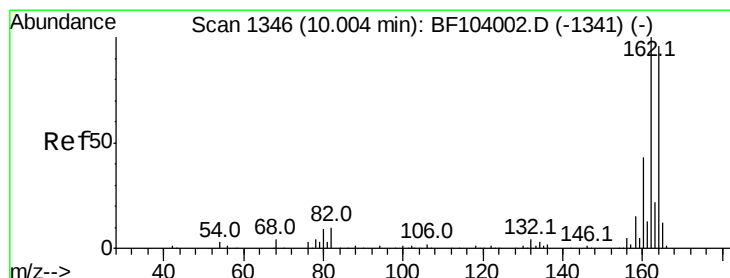
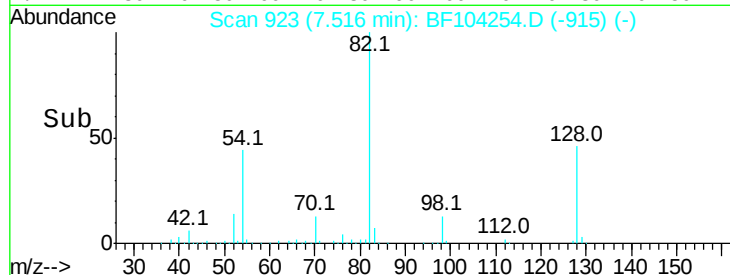
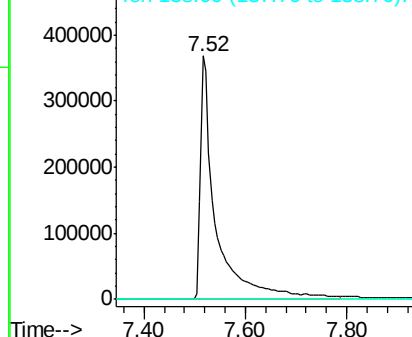
82 100

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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF104254.D

Acq: 5 Apr 2018 5:00

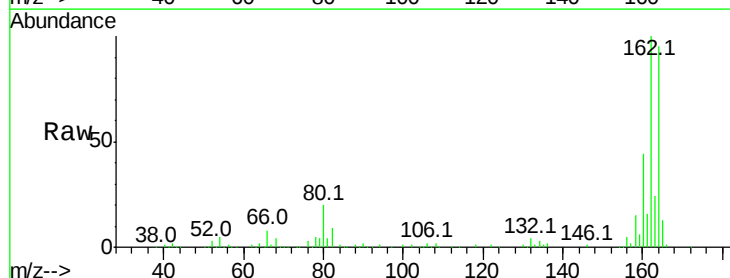
Tgt Ion:164 Resp: 216506

Ion Ratio Lower Upper

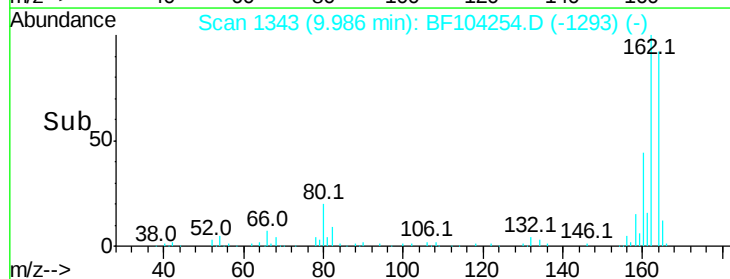
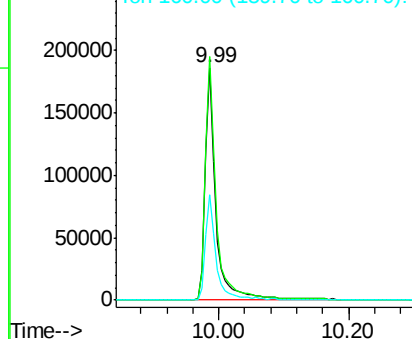
164 100

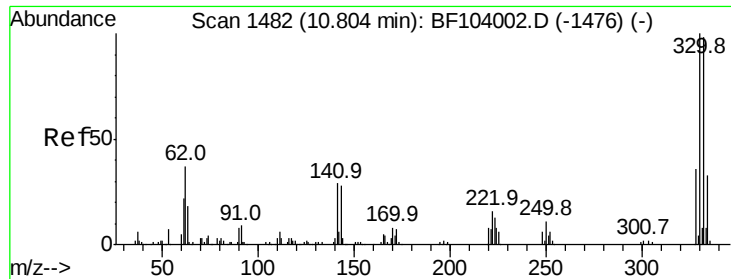
162 104.8 86.1 129.1

160 45.6 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

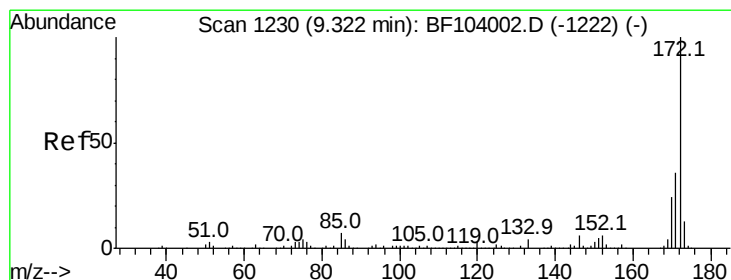
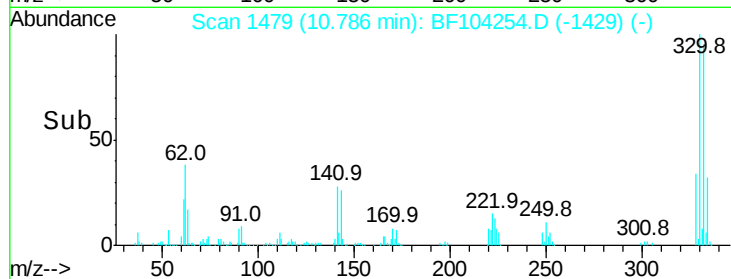
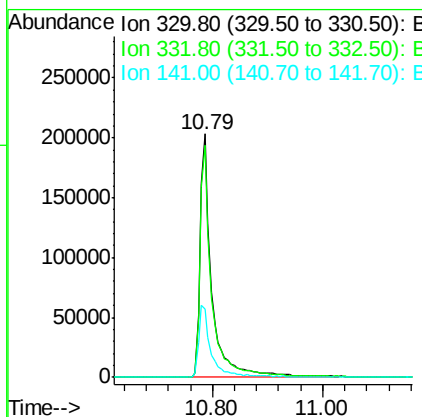
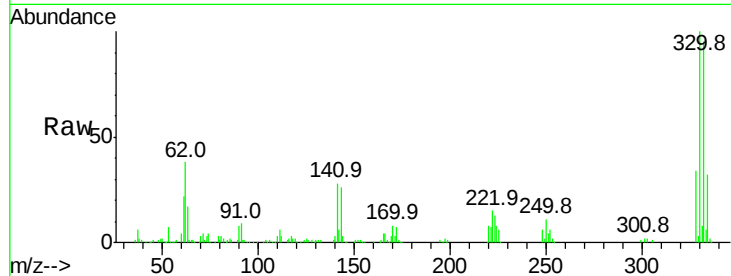




#41
 2,4,6-Tribromophenol
 Concen: 125.186 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104254.D
 Acq: 5 Apr 2018 5:00

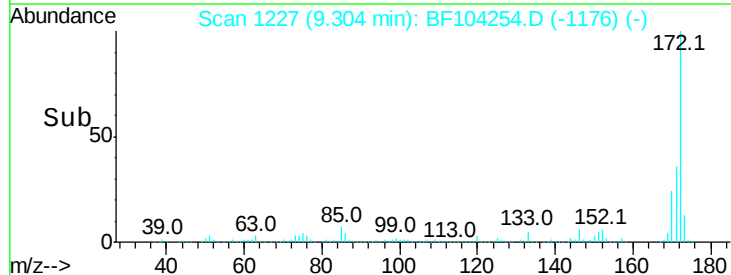
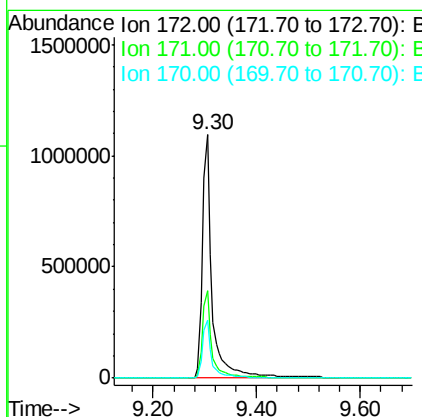
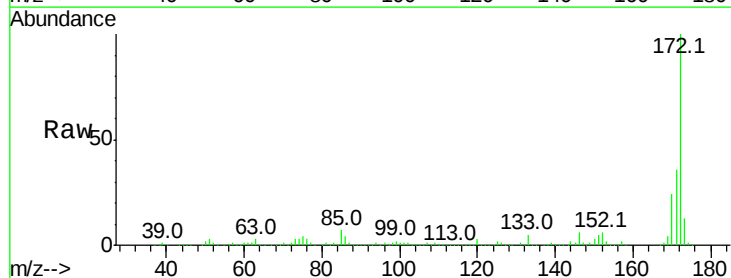
Instrument :
 BNA_F
 ClientSampleId :

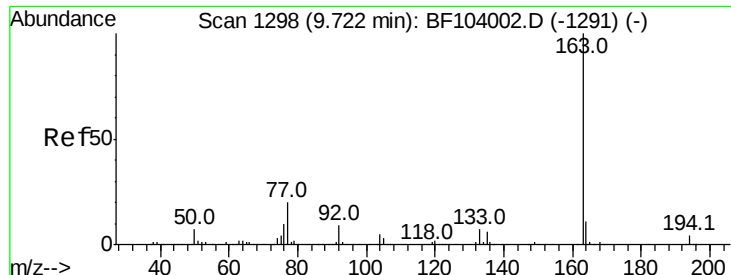
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	31.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 105.627 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF104254.D
 Acq: 5 Apr 2018 5:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4

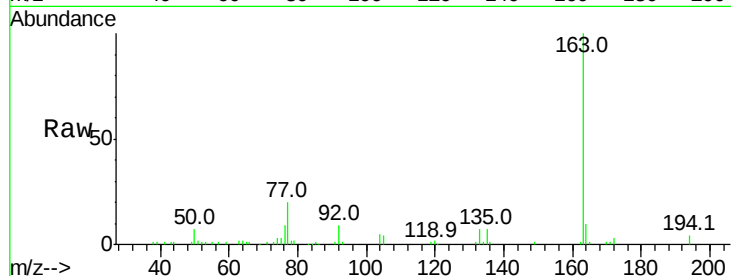




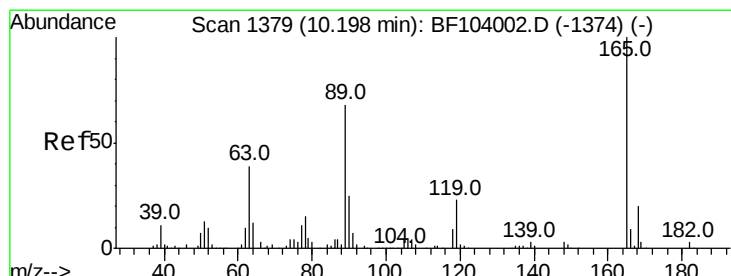
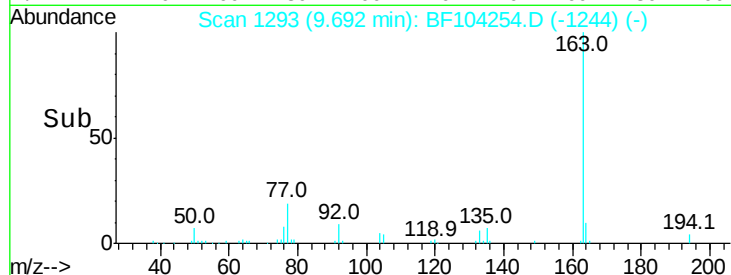
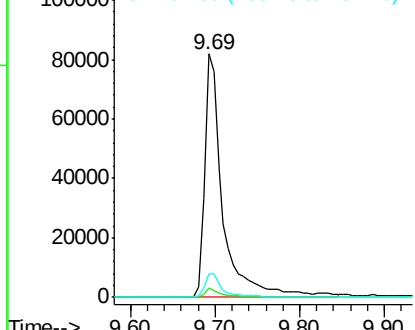
#49
Dimethylphthalate
Concen: 7.181 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF104254.D
Acq: 5 Apr 2018 5:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 122748
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.7 8.2 12.2

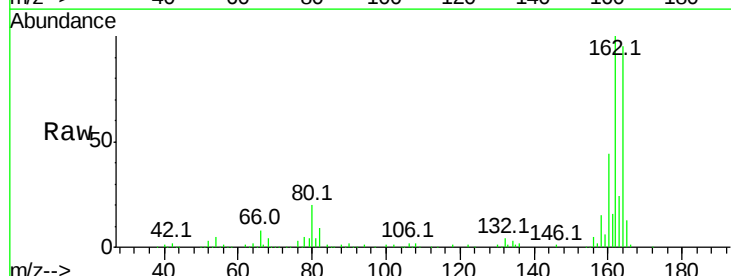


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

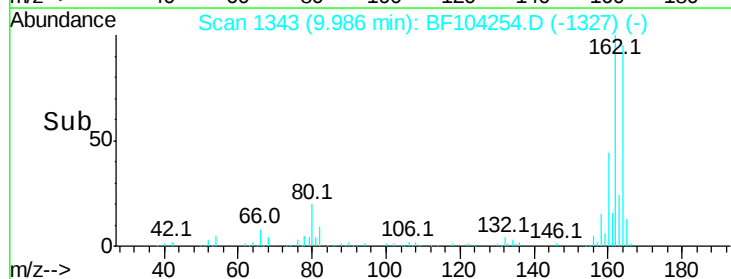
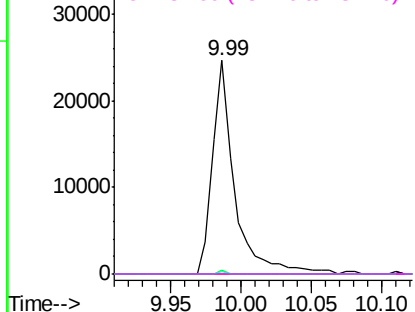


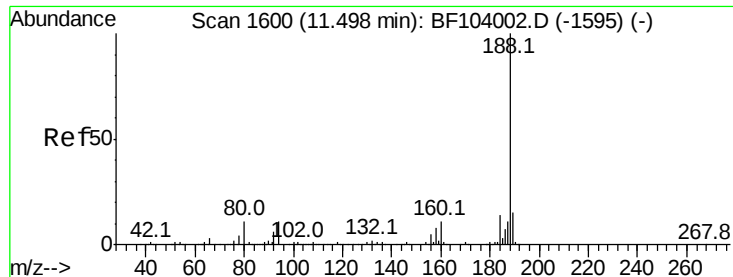
#56
2,4-Dinitrotoluene
Concen: 5.721 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.21 min
Lab File: BF104254.D
Acq: 5 Apr 2018 5:00

Tgt Ion:165 Resp: 26849
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

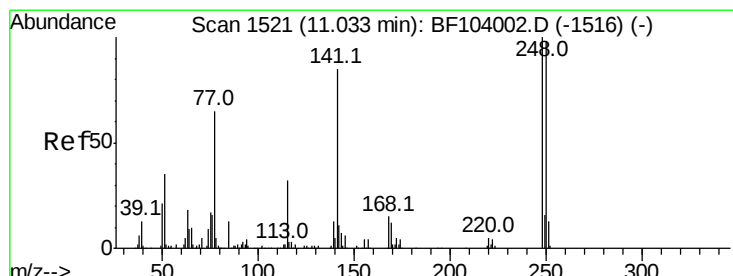
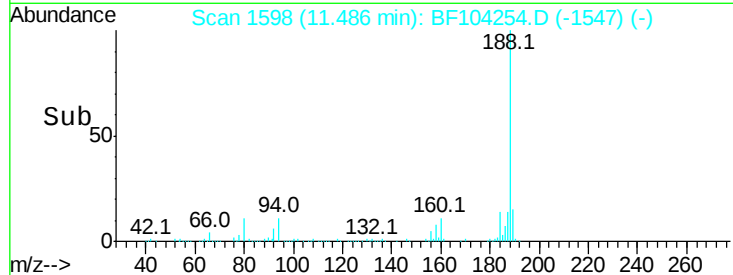
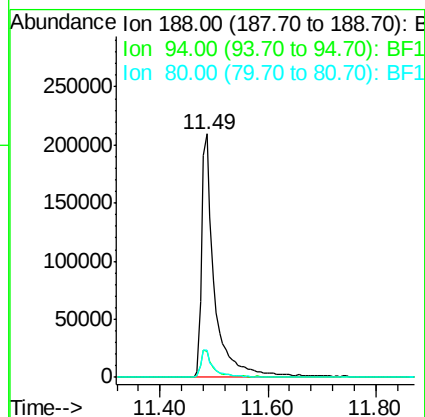
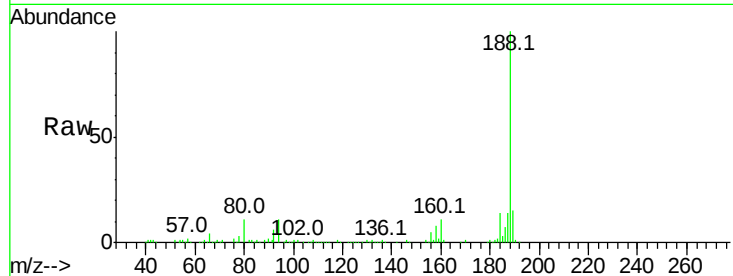




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF104254.D
Acq: 5 Apr 2018 5:00

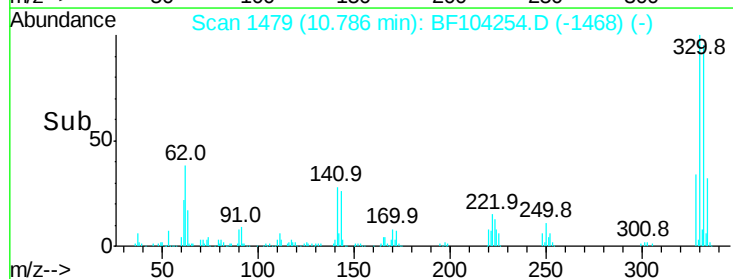
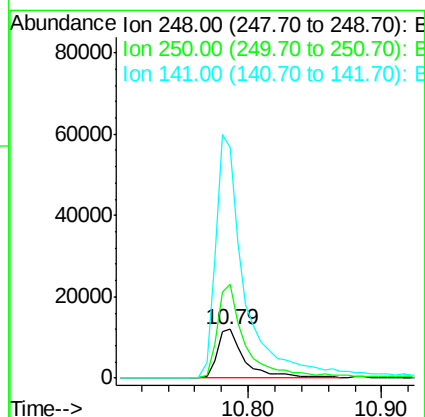
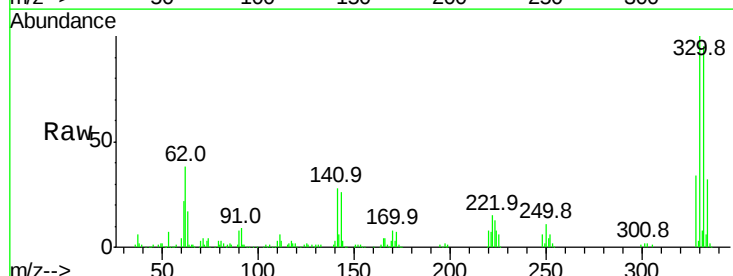
Instrument :
BNA_F
ClientSampleId :

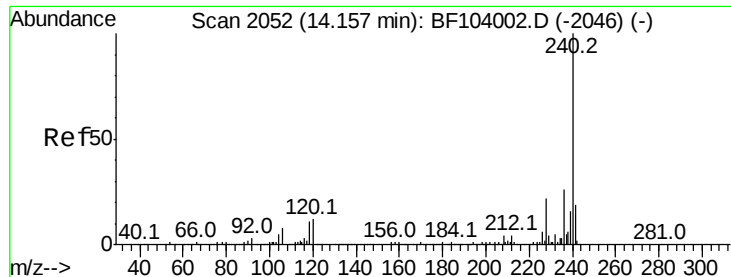
Tot Ion:188 Resp: 349391
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.0 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.732 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF104254.D
Acq: 5 Apr 2018 5:00

Tgt Ion:248 Resp: 17687
Ion Ratio Lower Upper
248 100
250 191.6 76.9 115.3#
141 471.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104254.D

Acq: 5 Apr 2018 5:00

Instrument :

BNA_F

ClientSampleId :

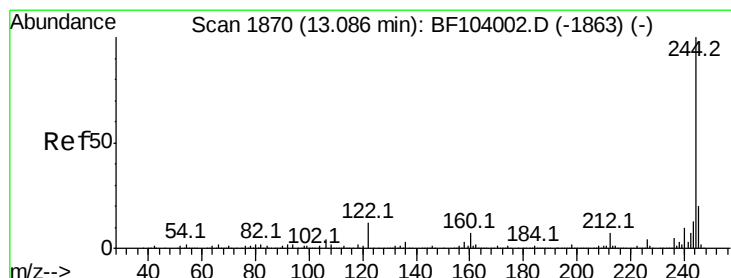
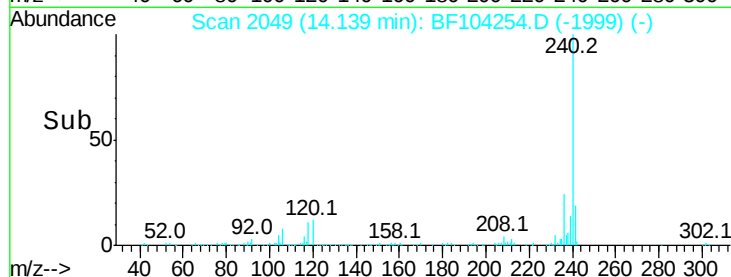
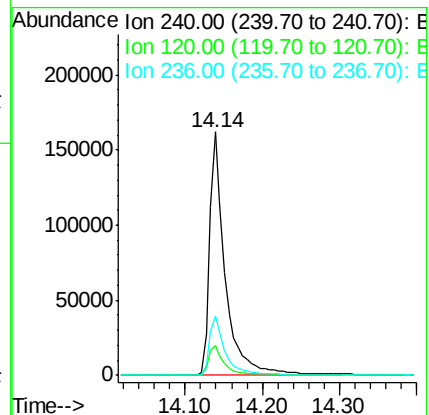
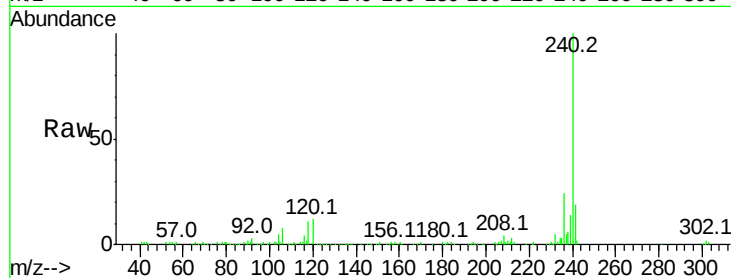
Tot Ion:240 Resp: 229533

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

236 24.3 20.7 31.1



#78

Terphenyl-d14

Concen: 112.029 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF104254.D

Acq: 5 Apr 2018 5:00

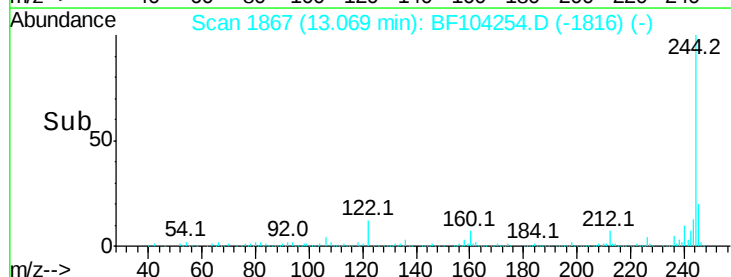
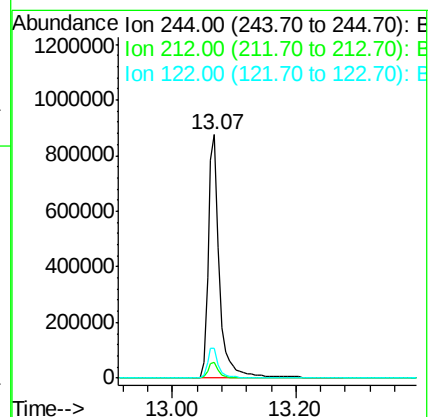
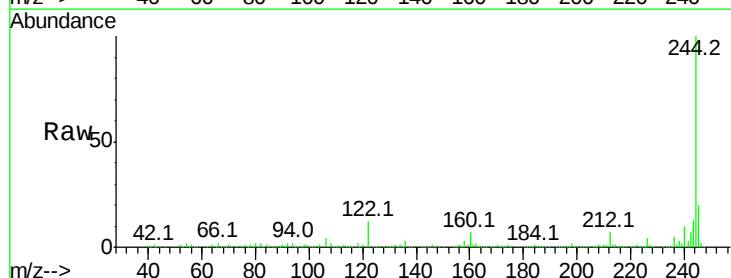
Tgt Ion:244 Resp: 1113684

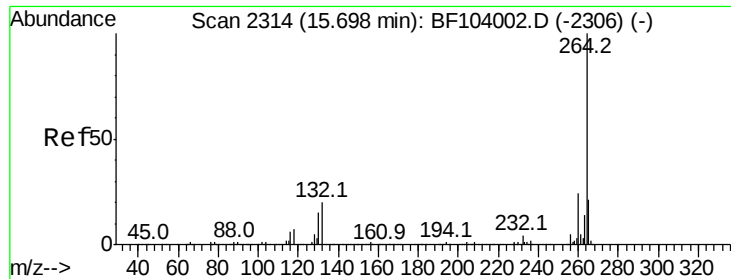
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 12.2 11.0 16.4

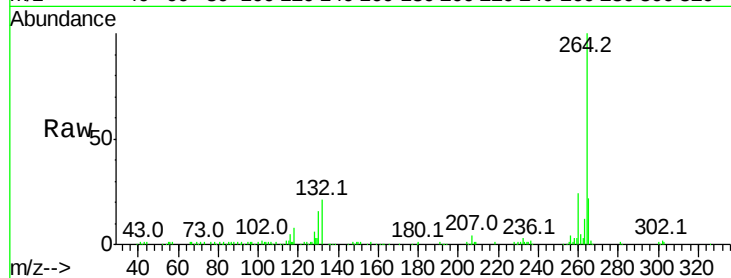




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BF104254.D
Acq: 5 Apr 2018 5:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	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

