

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104255.D
 Acq On : 5 Apr 2018 5:26
 Operator : JU/SJ
 Sample : J2201-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 06:46:34 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

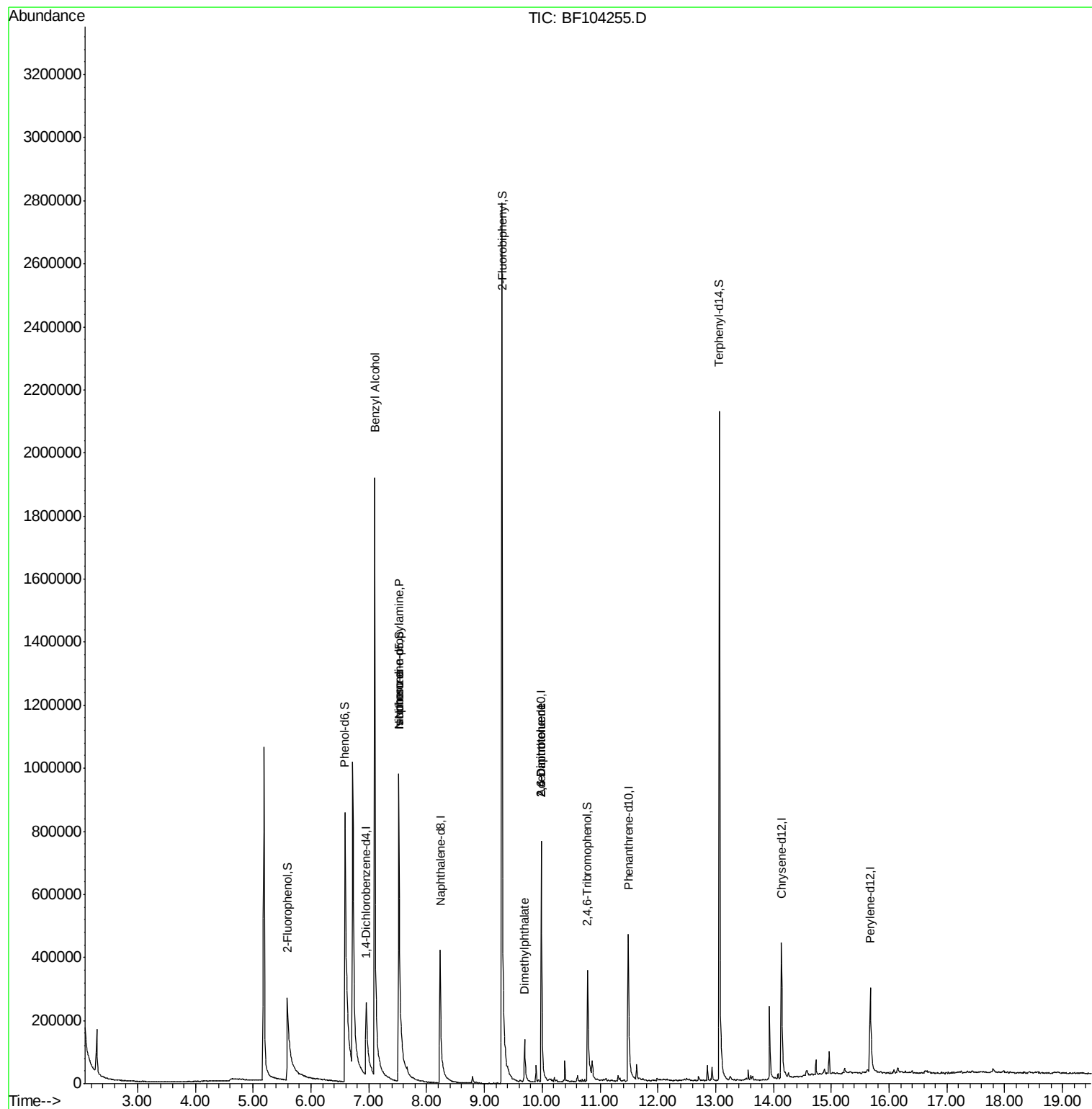
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	108078	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	462522	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	208057	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	326496	20.00	ng	0.00
75) Chrysene-d12	14.14	240	229657	20.00	ng	0.00
86) Perylene-d12	15.67	264	197721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	335121	49.45	ng	0.00
7) Phenol-d6	6.59	99	930169	111.56	ng	-0.02
23) Nitrobenzene-d5	7.52	82	767136	101.43	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	94424	40.76	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1377315	104.39	ng	0.00
78) Terphenyl-d14	13.07	244	1006105	101.15	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	12169	2.245	ng	# 48
19) n-Nitroso-di-n-propylamine	7.52	70	87017	17.586	ng	# 73
25) Isophorone	7.52	82	789141	56.618	ng	# 64
49) Dimethylphthalate	9.69	163	98126	5.974	ng	100
50) 2,6-Dinitrotoluene	9.99	165	24954	7.061	ng	# 25
56) 2,4-Dinitrotoluene	9.99	165	25552	5.666	ng	# 22

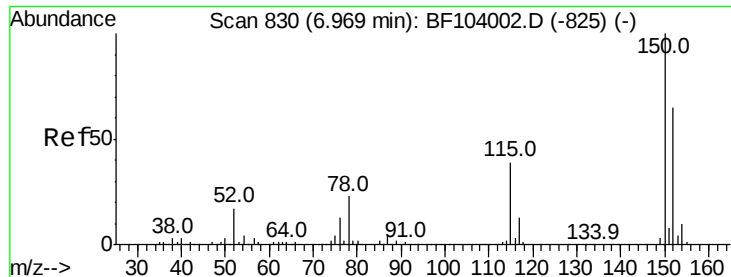
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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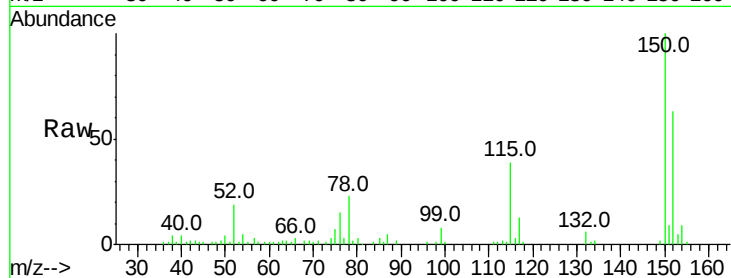


#1

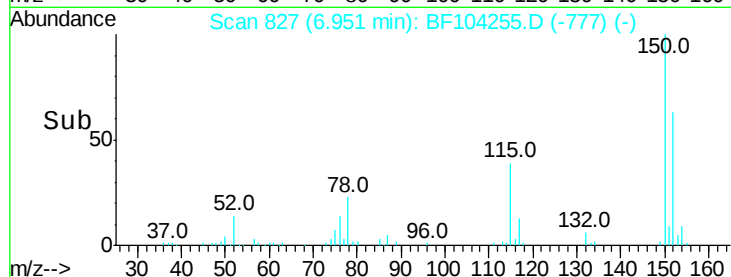
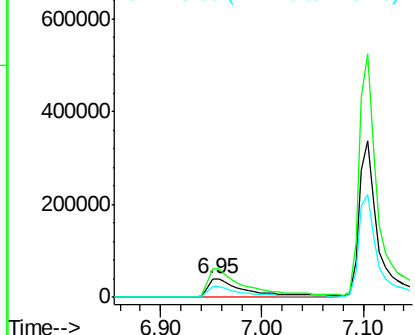
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104255.D
Acq: 5 Apr 2018 5:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 108078
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 61.2 50.1 75.1



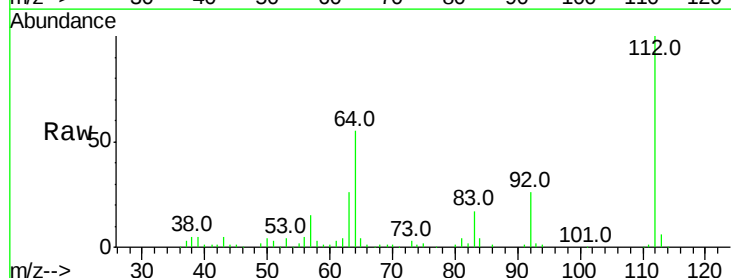
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



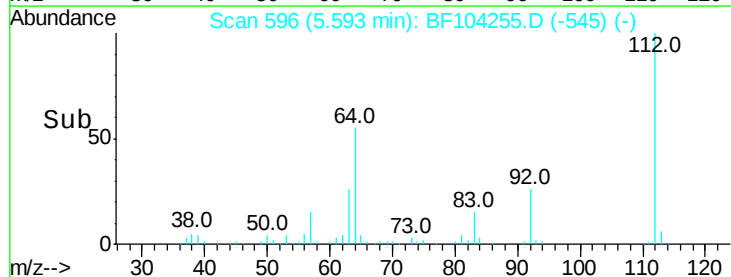
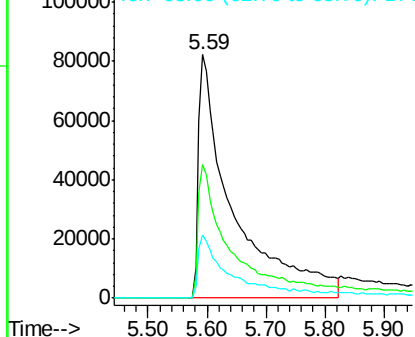
#5

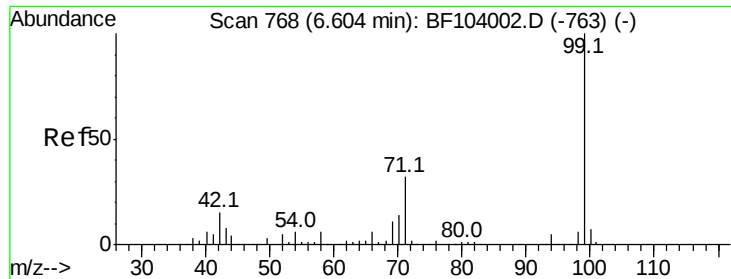
2-Fluorophenol
Concen: 49.449 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF104255.D
Acq: 5 Apr 2018 5:26

Tgt Ion:112 Resp: 335121
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 26.0 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: 111.559 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF104255.D

Acq: 5 Apr 2018 5:26

Instrument :

BNA_F

ClientSampleId :

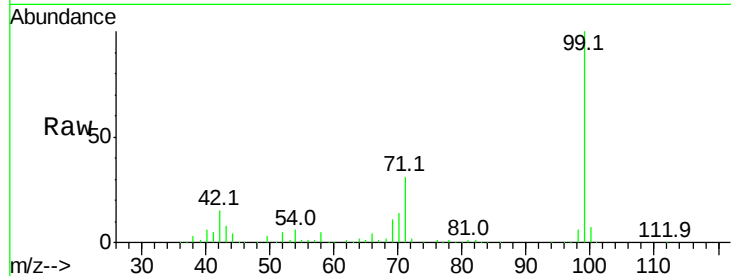
Tot Ion: 99 Resp: 930169

Ion Ratio Lower Upper

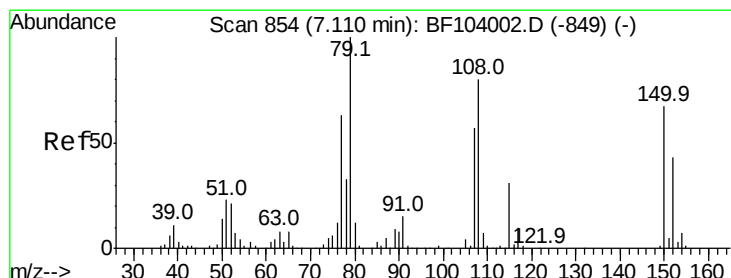
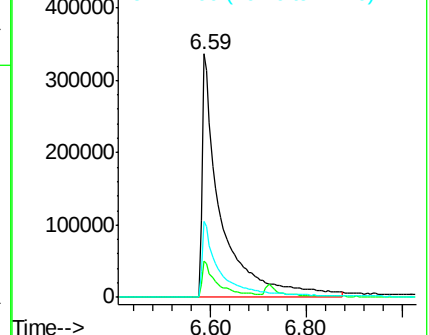
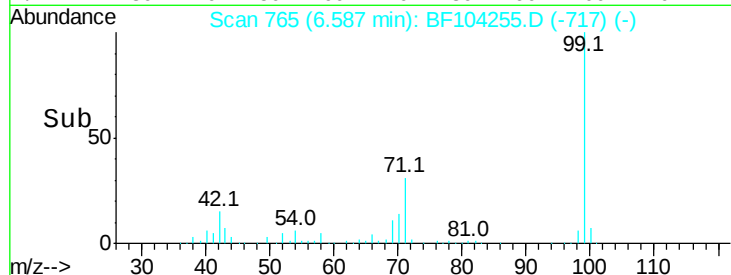
99 100

42 14.8 14.5 21.7

71 31.4 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



#15

Benzyl Alcohol

Concen: 2.245 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF104255.D

Acq: 5 Apr 2018 5:26

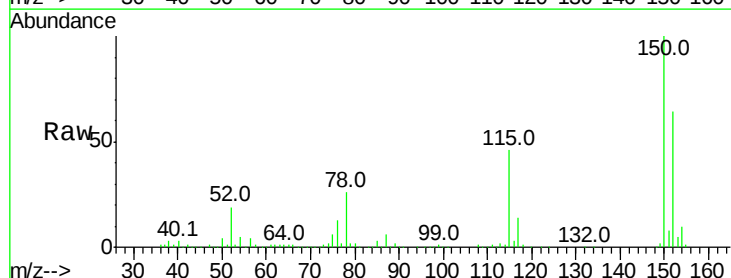
Tgt Ion: 79 Resp: 12169

Ion Ratio Lower Upper

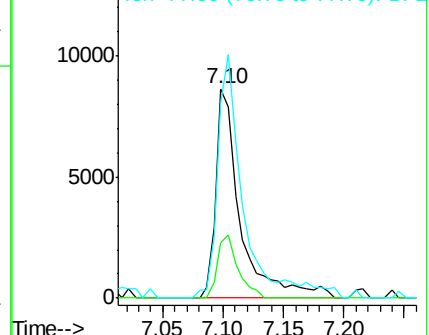
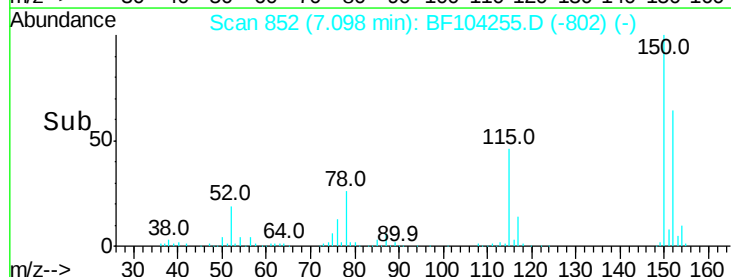
79 100

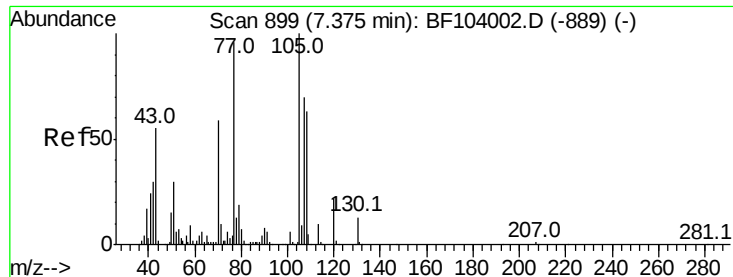
108 26.6 65.1 97.7#

77 93.4 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

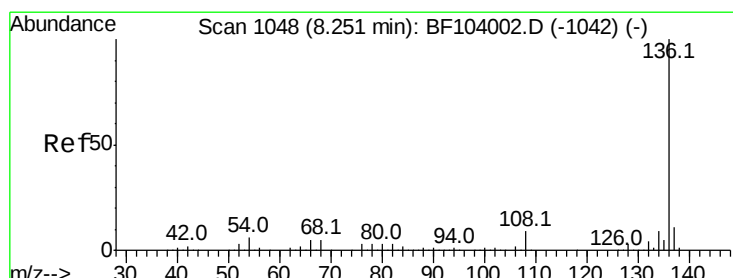
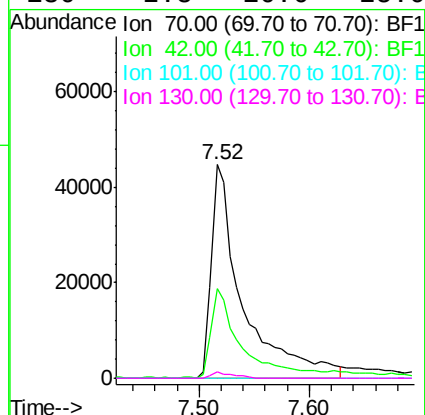
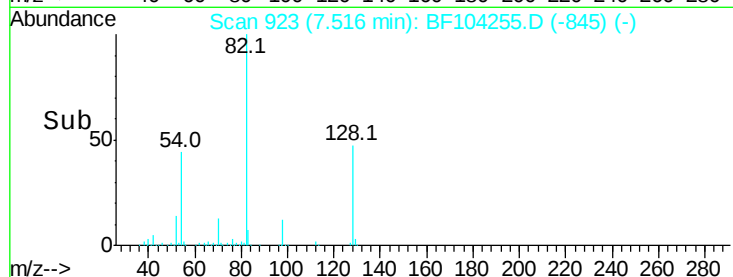
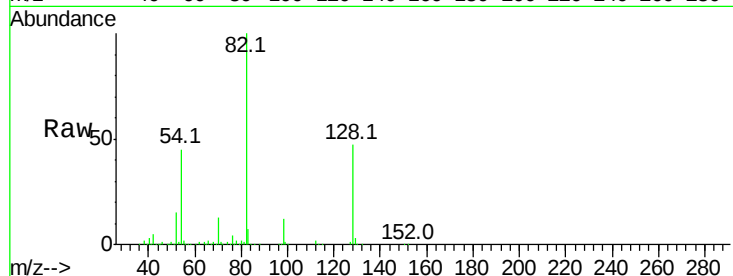




#19
n-Nitroso-di-n-propylamine
Concen: 17.586 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104255.D
Acq: 5 Apr 2018 5:26

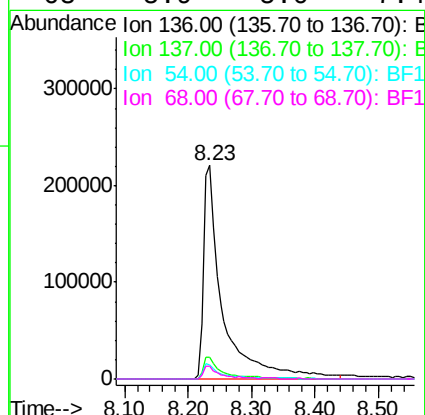
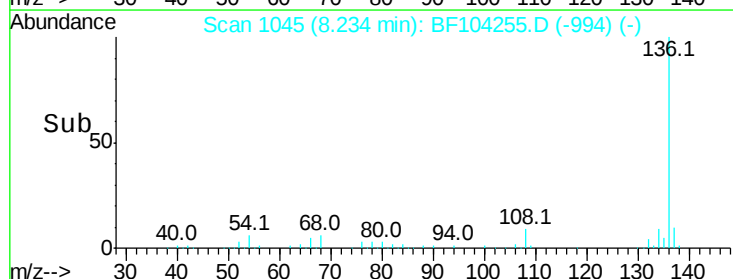
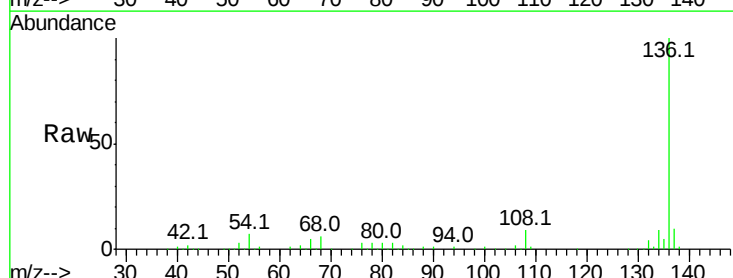
Instrument :
BNA_F
ClientSampleId :

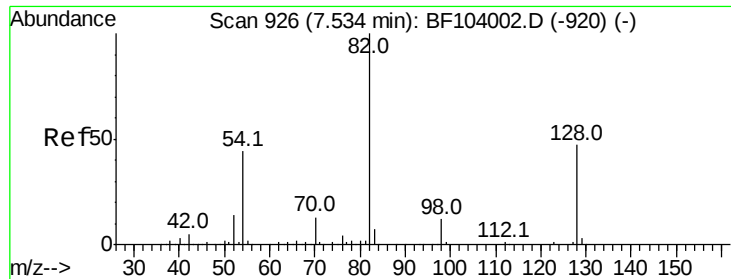
Tot Ion: 70 Resp: 87017
Ion Ratio Lower Upper
70 100
42 41.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF104255.D
Acq: 5 Apr 2018 5:26

Tgt Ion: 136 Resp: 462522
Ion Ratio Lower Upper
136 100
137 10.1 8.9 13.3
54 6.5 6.6 9.8#
68 5.9 5.0 7.4

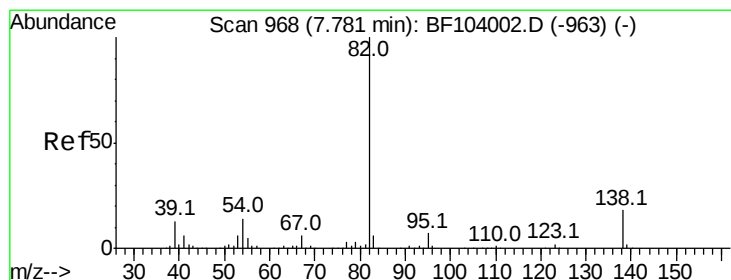
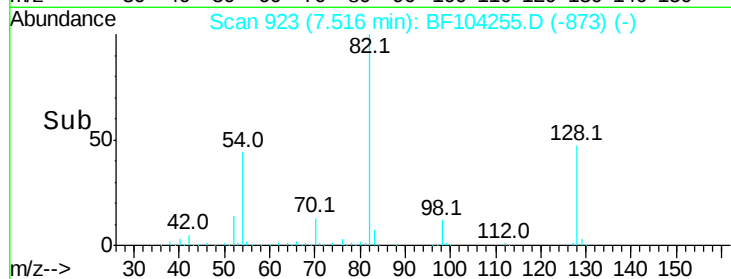
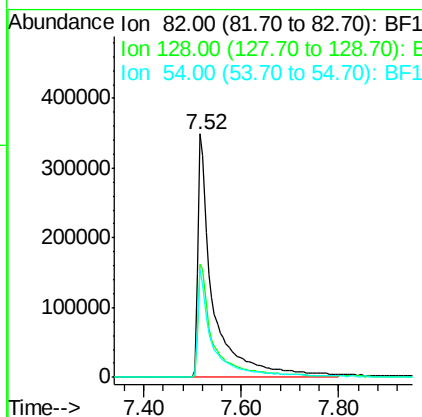
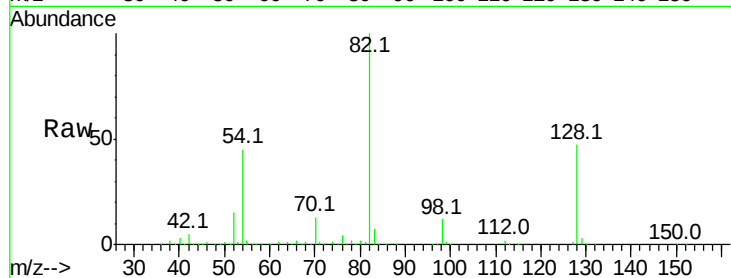




#23
 Nitrobenzene-d5
 Concen: 101.432 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104255.D
 Acq: 5 Apr 2018 5:26

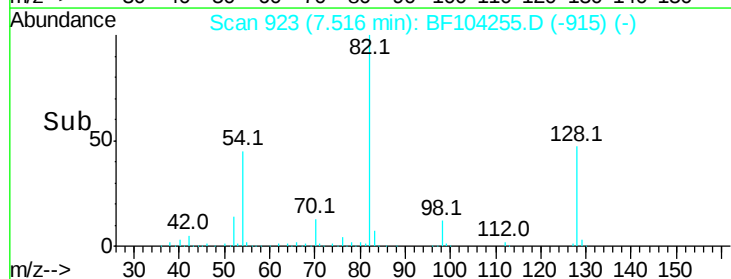
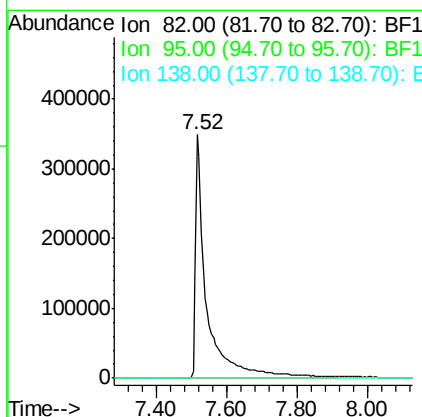
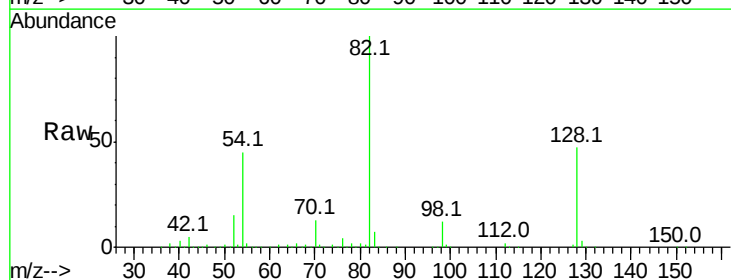
Instrument :
 BNA_F
 ClientSampleId :

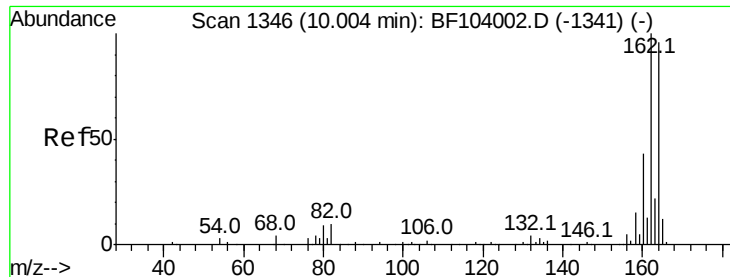
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	44.5	41.4	62.2



#25
 Isophorone
 Concen: 56.618 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.25 min
 Lab File: BF104255.D
 Acq: 5 Apr 2018 5:26

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF104255.D

Acq: 5 Apr 2018 5:26

Instrument :

BNA_F

ClientSampleId :

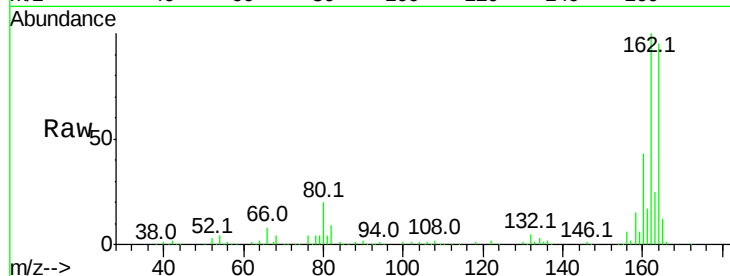
Tot Ion:164 Resp: 208057

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

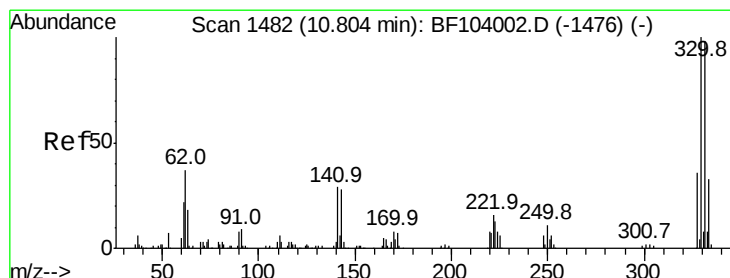
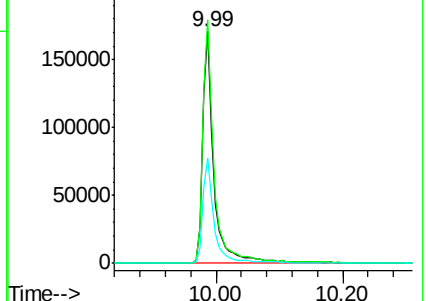
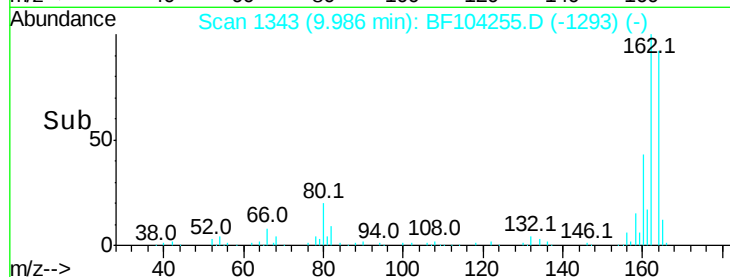
160 45.3 38.3 57.5



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: 40.758 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF104255.D

Acq: 5 Apr 2018 5:26

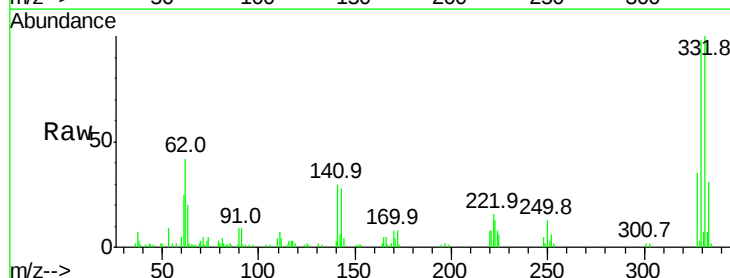
Tgt Ion:330 Resp: 94424

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

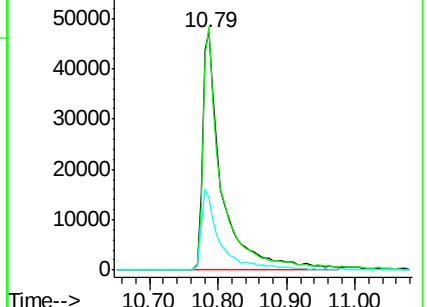
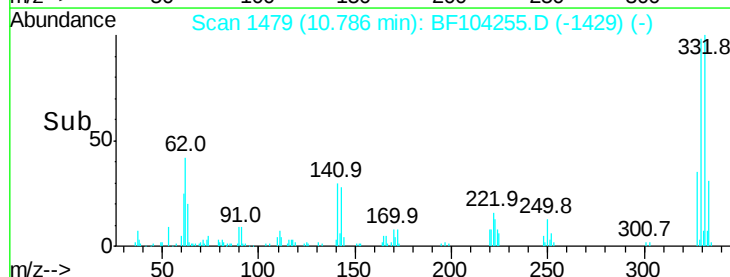
141 31.7 29.9 44.9

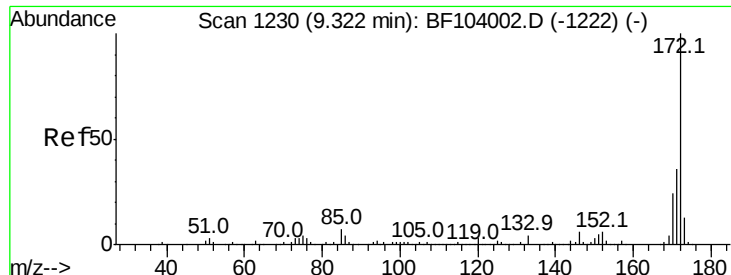


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



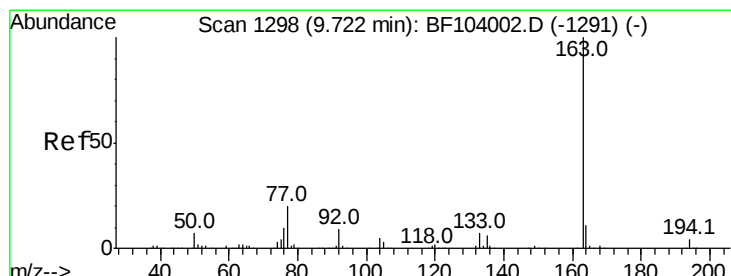
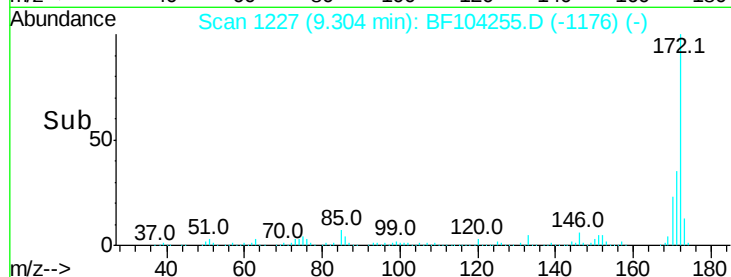
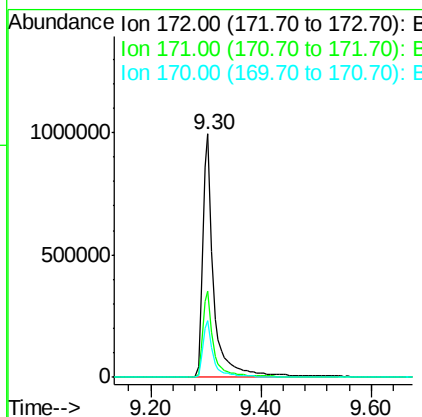
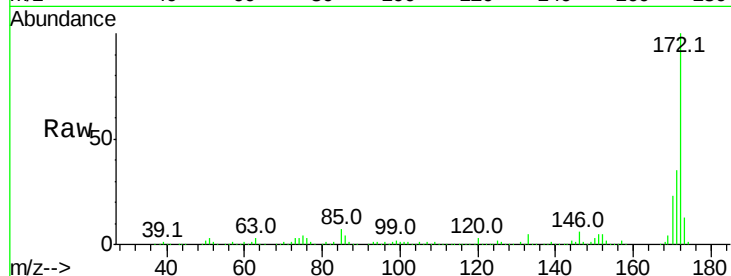


#44
 2-Fluorobiphenyl
 Concen: 104.390 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF104255.D
 Acq: 5 Apr 2018 5:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1377315

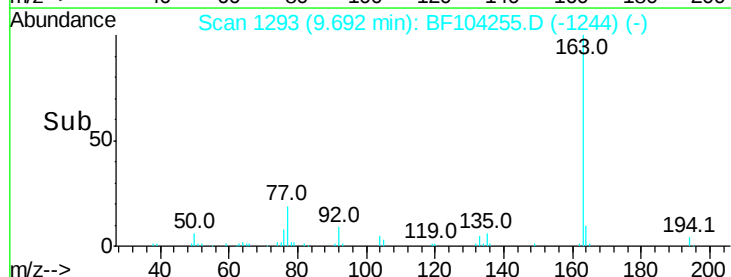
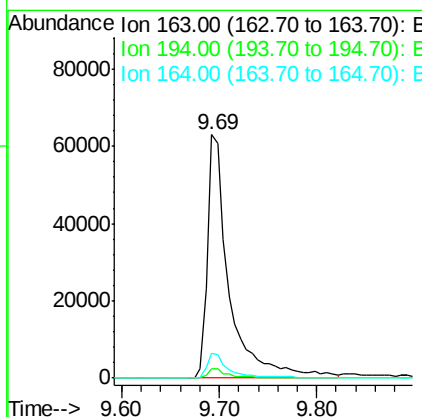
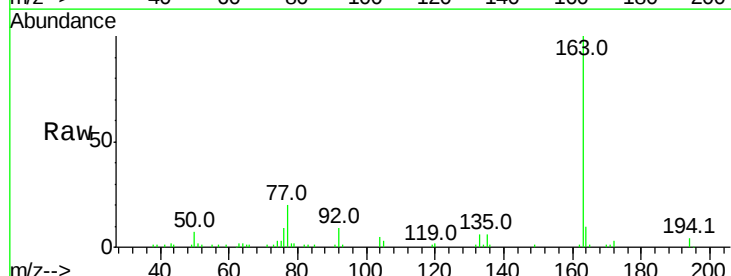
Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.2	19.6	29.4

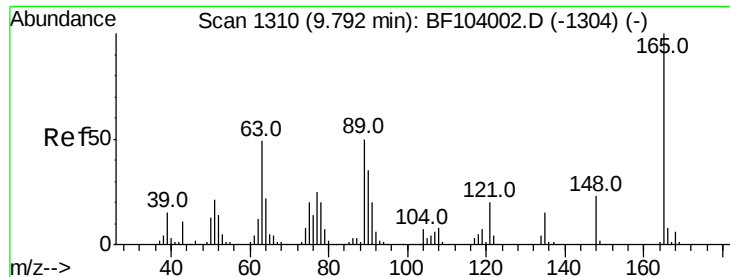


#49
 Dimethylphthalate
 Concen: 5.974 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF104255.D
 Acq: 5 Apr 2018 5:26

Tgt Ion:163 Resp: 98126

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.3	8.2	12.2

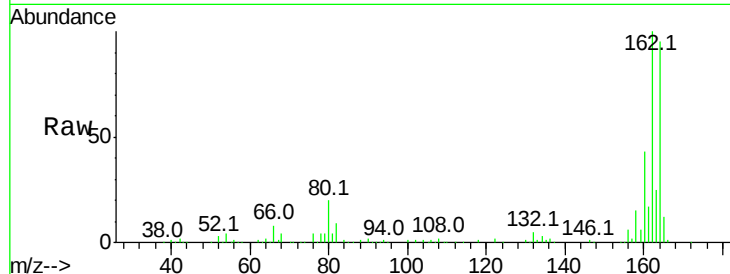




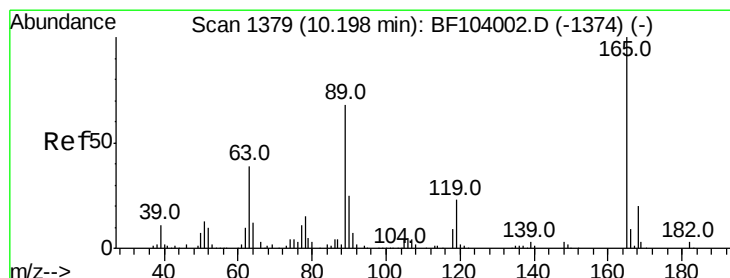
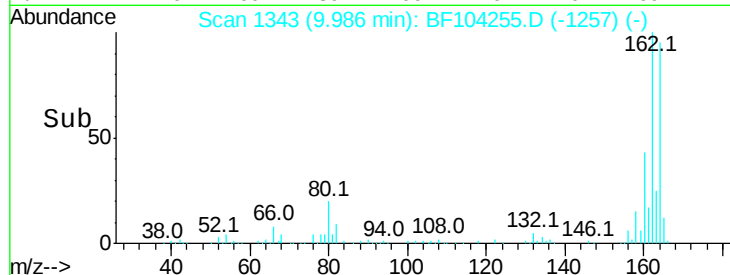
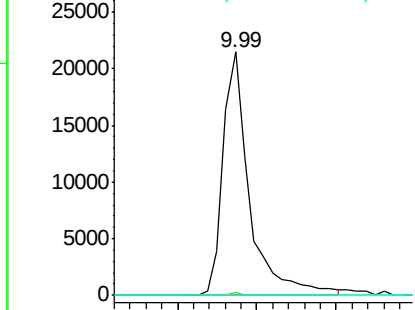
#50
 2,6-Dinitrotoluene
 Concen: 7.061 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF104255.D
 Acq: 5 Apr 2018 5:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	0.0	44.0	66.0#

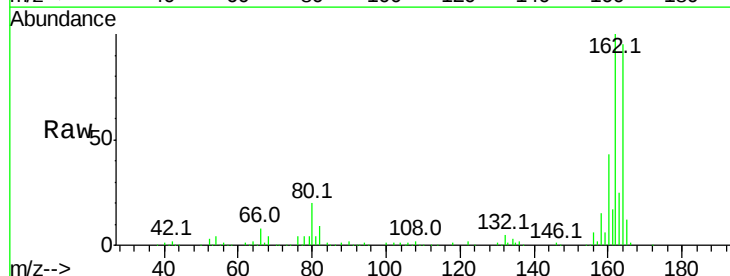


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

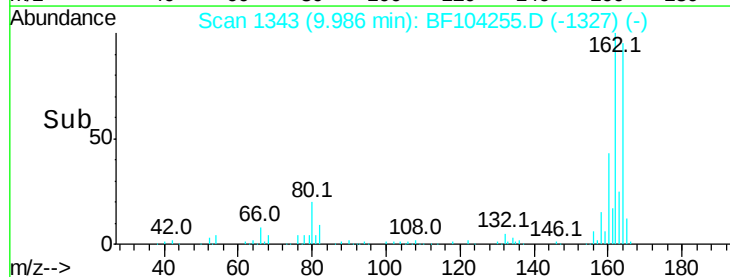
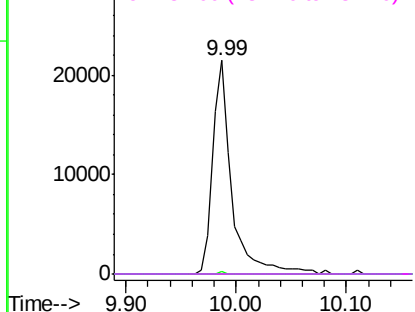


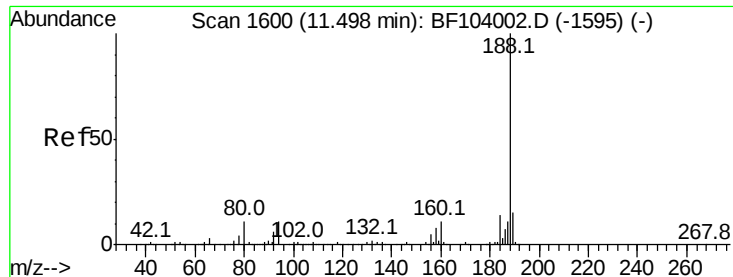
#56
 2,4-Dinitrotoluene
 Concen: 5.666 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104255.D
 Acq: 5 Apr 2018 5:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	0.0	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: BF104255.D

Acq: 5 Apr 2018 5:26

Instrument :

BNA_F

ClientSampleId :

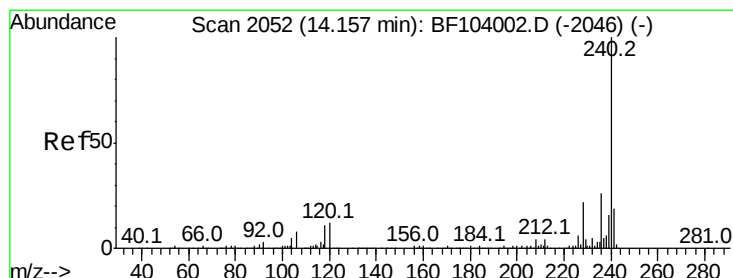
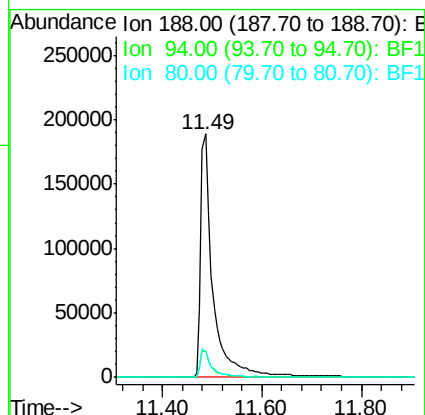
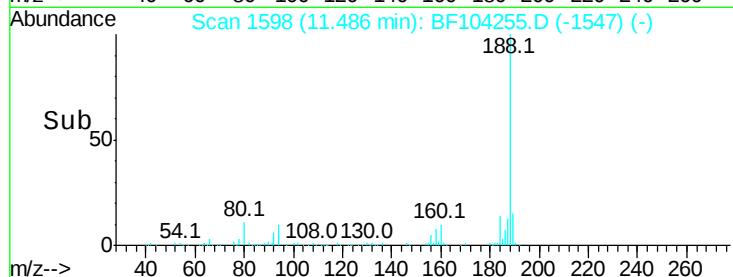
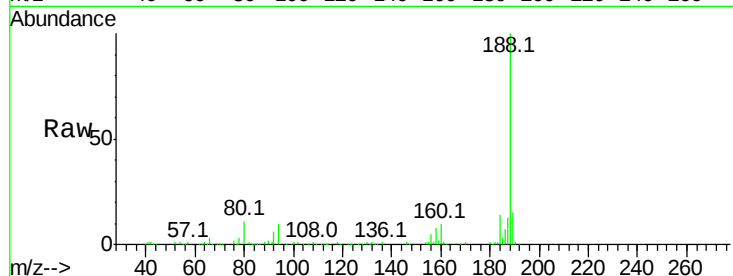
Tot Ion:188 Resp: 326496

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

80 10.9 9.2 13.8



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104255.D

Acq: 5 Apr 2018 5:26

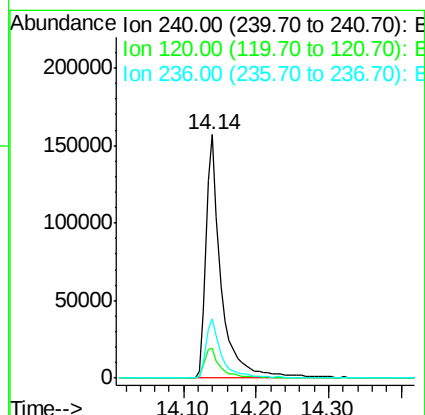
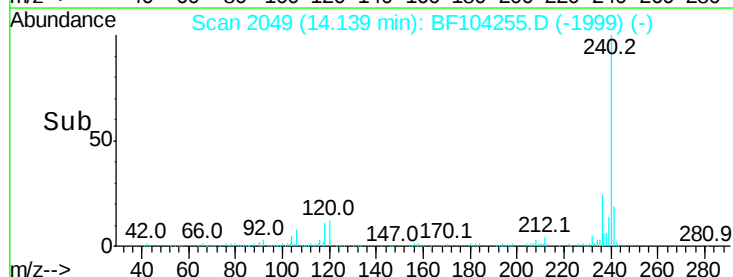
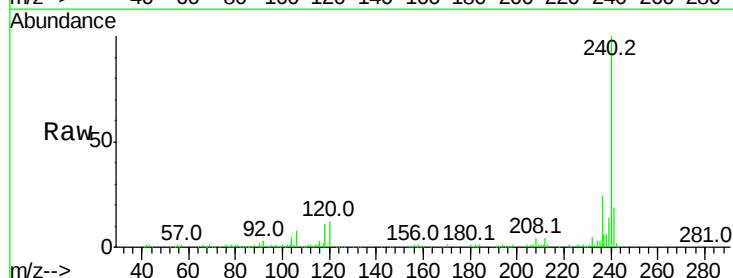
Tgt Ion:240 Resp: 229657

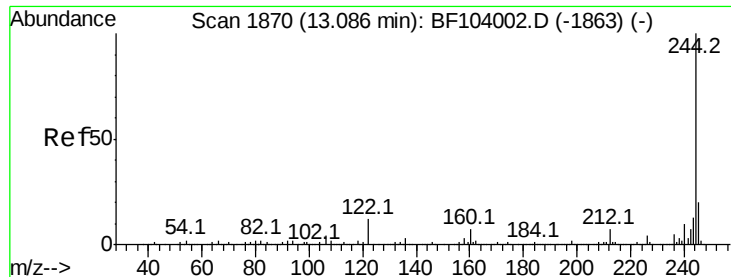
Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

236 24.5 20.7 31.1

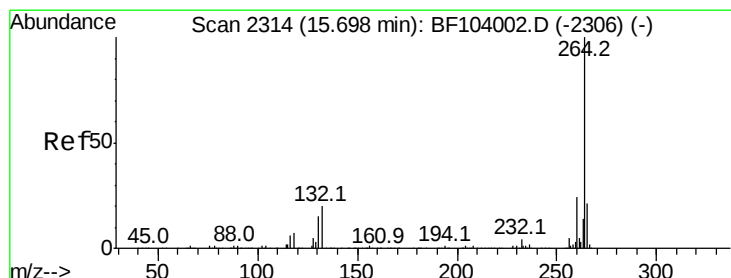
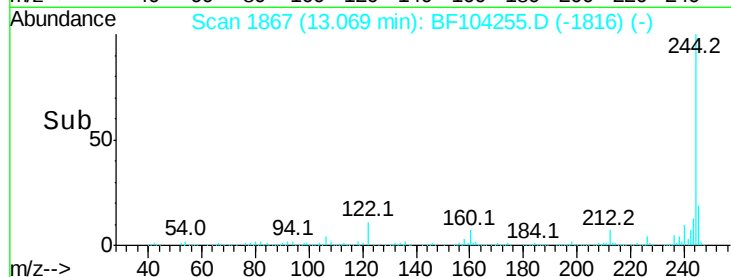
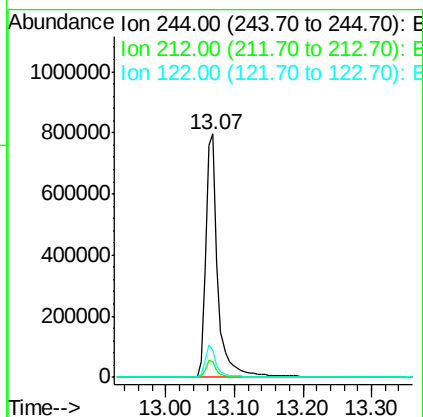
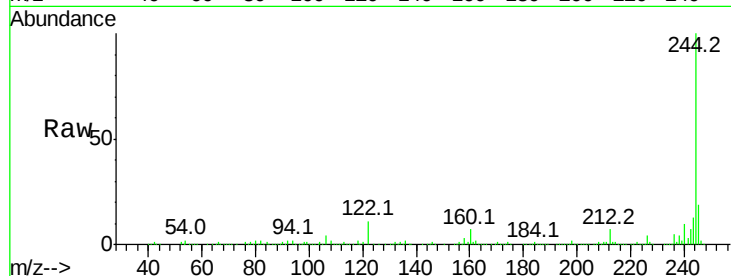




#78
 Terphenyl-d14
 Concen: 101.153 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: BF104255.D
 Acq: 5 Apr 2018 5:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1006105
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104255.D
 Acq: 5 Apr 2018 5:26

Tgt Ion:264 Resp: 197721
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.1 17.5 26.3

