

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104051.D
 Acq On : 29 Mar 2018 15:23
 Operator : JU/SJ
 Sample : J2120-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 16:29:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

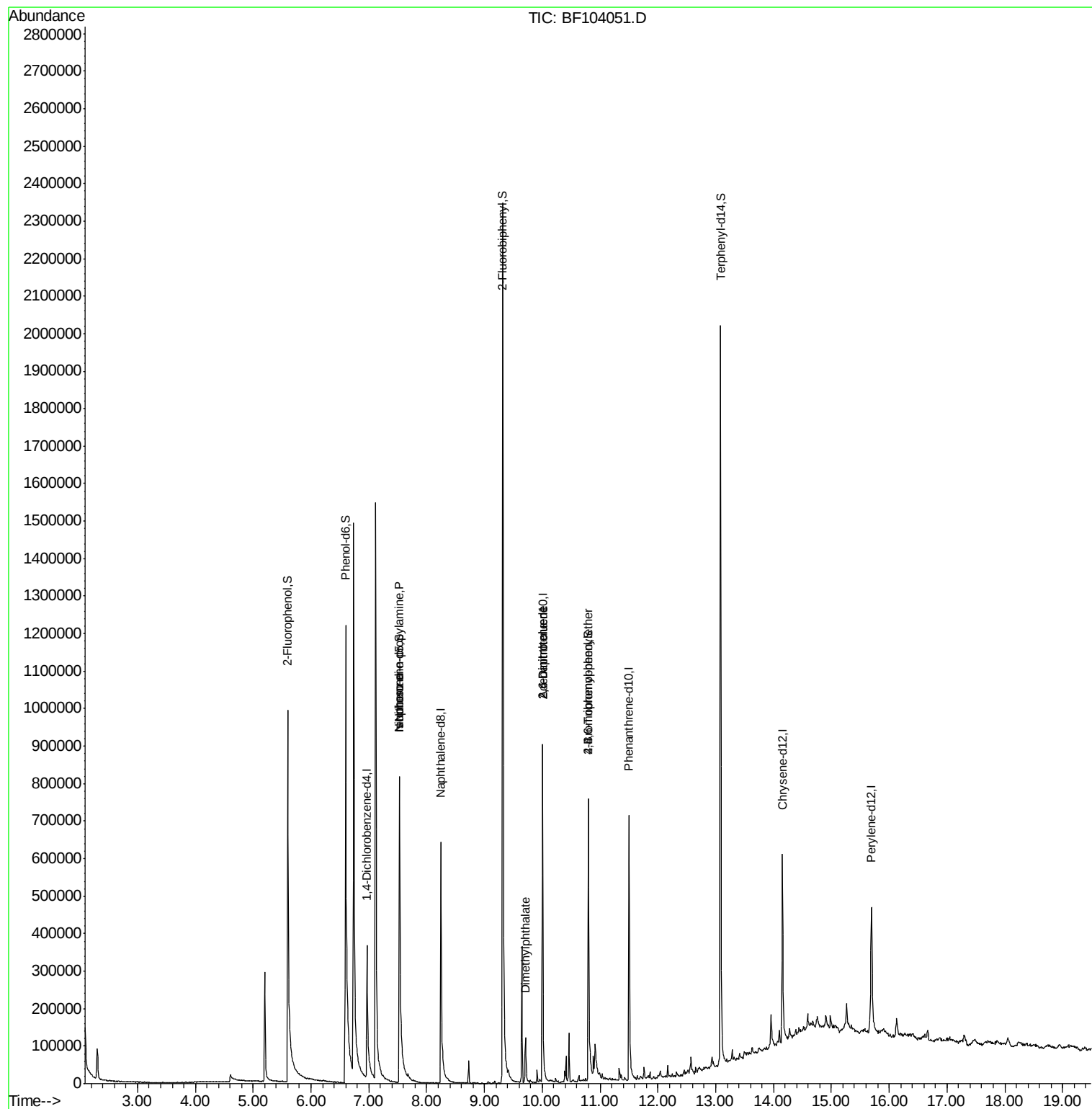
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	114833	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	489003	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	214839	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	359797	20.00	ng	0.00
75) Chrysene-d12	14.15	240	231442	20.00	ng	0.00
86) Perylene-d12	15.70	264	222036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	549051	76.25	ng	0.00
7) Phenol-d6	6.60	99	854471	96.45	ng	0.00
23) Nitrobenzene-d5	7.53	82	519471	64.97	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	137535	57.49	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1043050	76.56	ng	0.00
78) Terphenyl-d14	13.09	244	804871	80.30	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	820	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	62096	11.811 ng	#	1
25) Isophorone	7.53	82	519471	35.252 ng	#	72
49) Dimethylphthalate	9.71	163	70113	4.133 ng	#	64
50) 2,6-Dinitrotoluene	10.00	165	27161	7.443 ng	#	99
56) 2,4-Dinitrotoluene	10.00	165	27534	5.913 ng	#	26
66) 4-Bromophenyl-phenylether	10.80	248	8243	2.141 ng	#	24
					#	1

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

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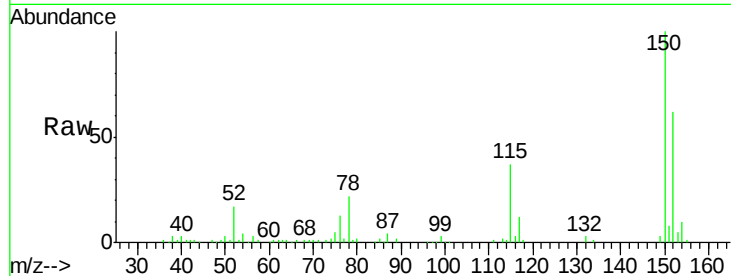


#1

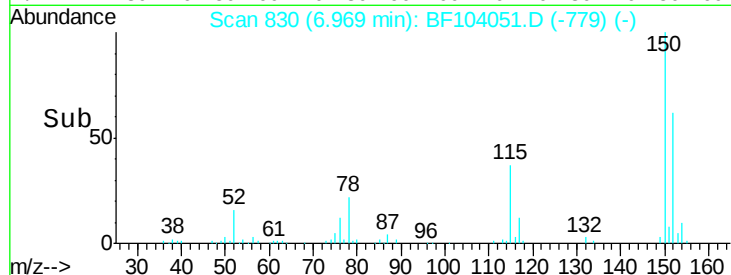
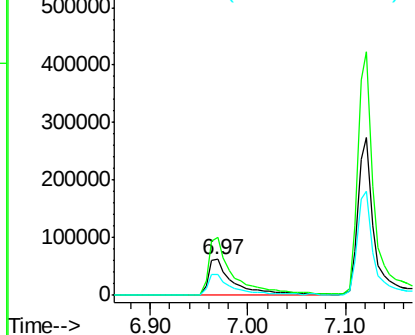
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104051.D
Acq: 29 Mar 2018 15:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 114833
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 59.0 50.1 75.1



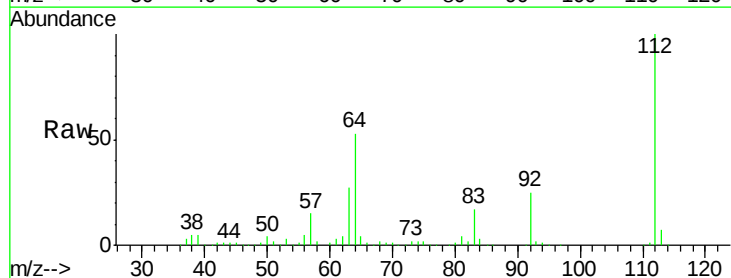
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



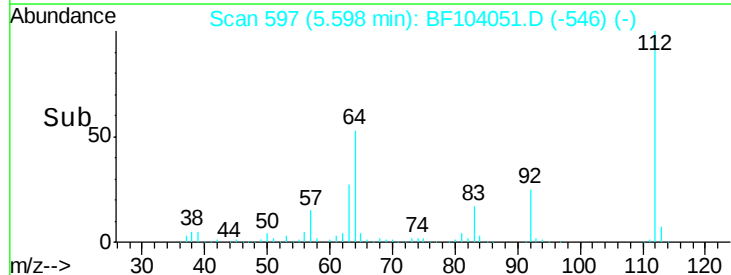
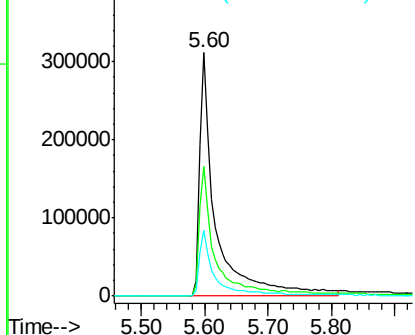
#5

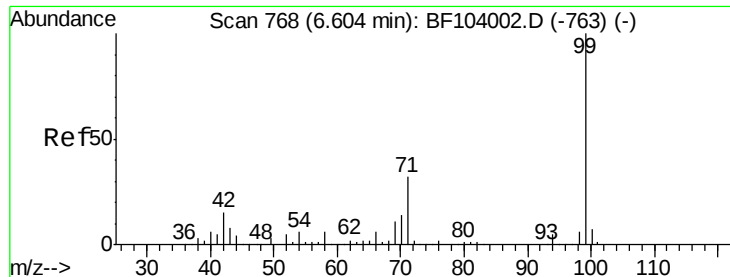
2-Fluorophenol
Concen: 76.250 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104051.D
Acq: 29 Mar 2018 15:23

Tgt Ion:112 Resp: 549051
Ion Ratio Lower Upper
112 100
64 53.5 47.9 71.9
63 26.9 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: 96.452 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104051.D

Acq: 29 Mar 2018 15:23

Instrument :

BNA_F

ClientSampleId :

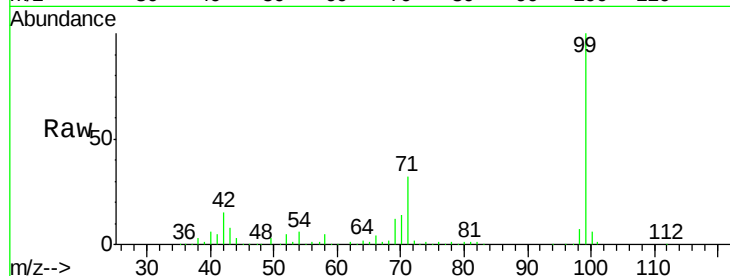
Tot Ion: 99 Resp: 854471

Ion Ratio Lower Upper

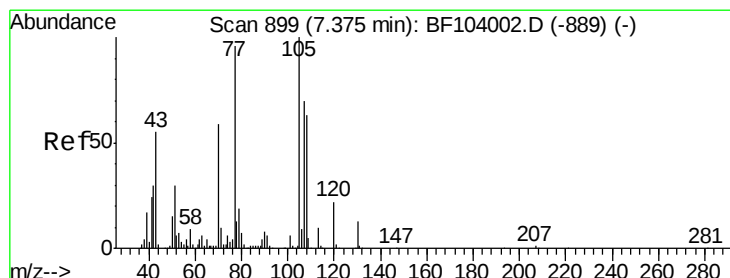
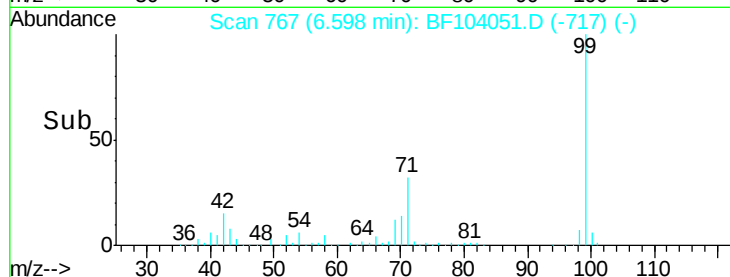
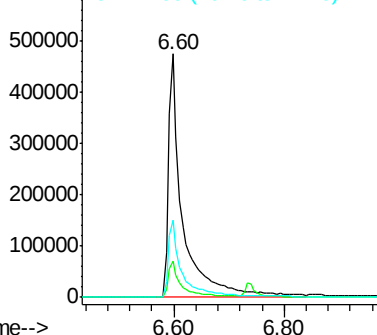
99 100

42 14.7 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: 11.811 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF104051.D

Acq: 29 Mar 2018 15:23

Tgt Ion: 70 Resp: 62096

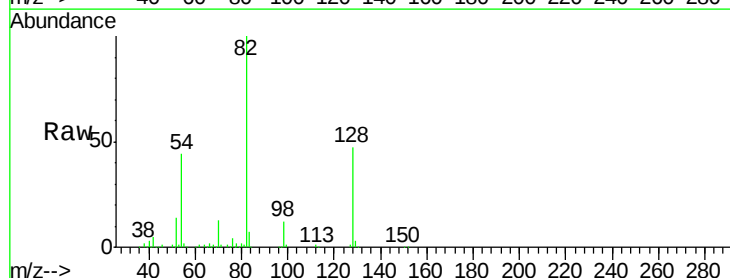
Ion Ratio Lower Upper

70 100

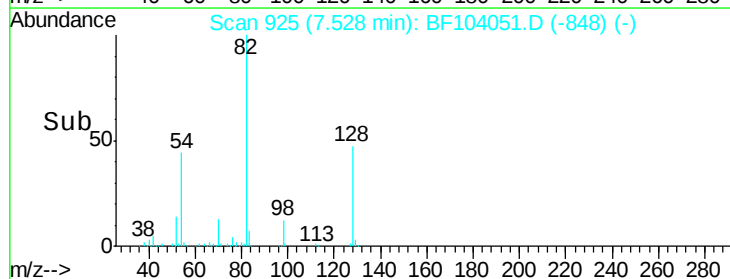
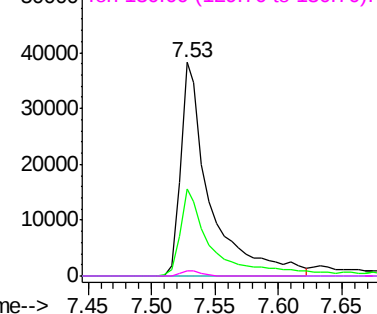
42 40.8 47.5 71.3#

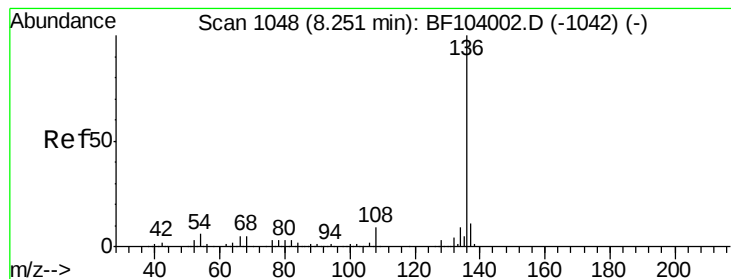
101 0.0 7.4 11.2#

130 2.5 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: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104051.D

Acq: 29 Mar 2018 15:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 489003

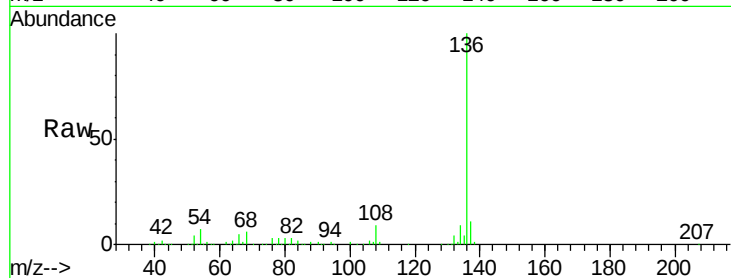
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.1 6.6 9.8

68 5.9 5.0 7.4

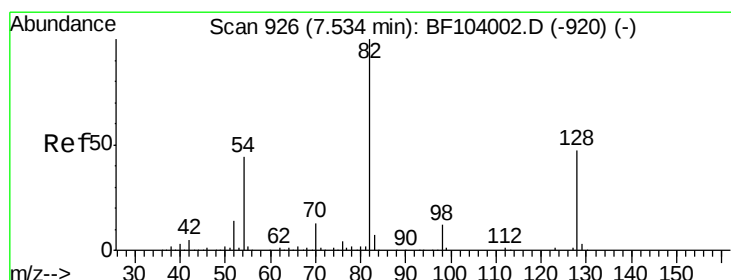
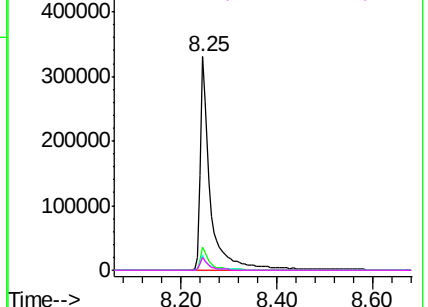
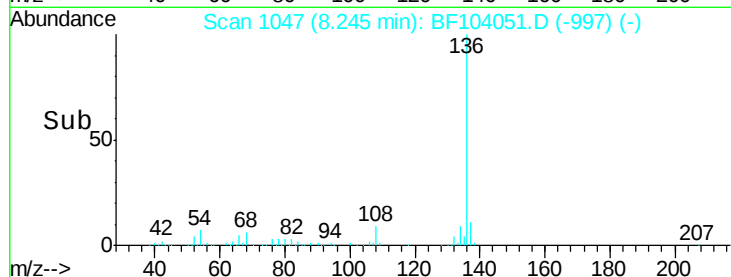


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.966 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF104051.D

Acq: 29 Mar 2018 15:23

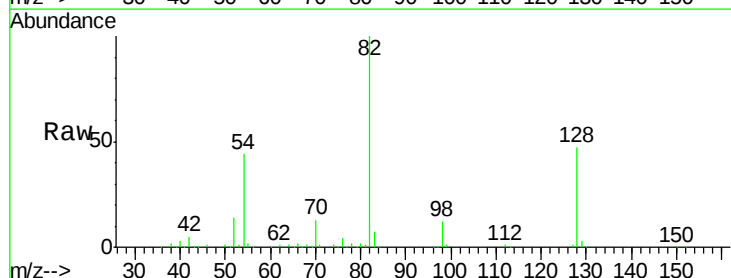
Tgt Ion: 82 Resp: 519471

Ion Ratio Lower Upper

82 100

128 47.3 36.1 54.1

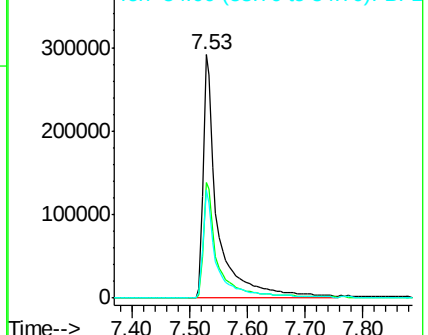
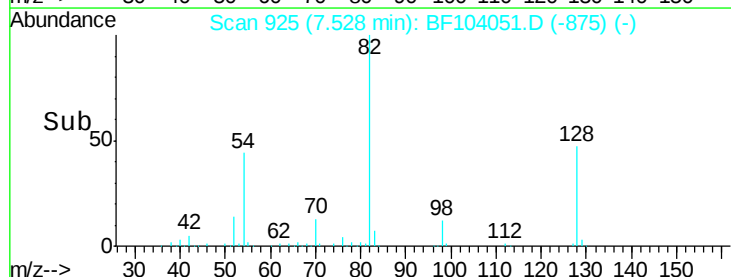
54 44.4 41.4 62.2

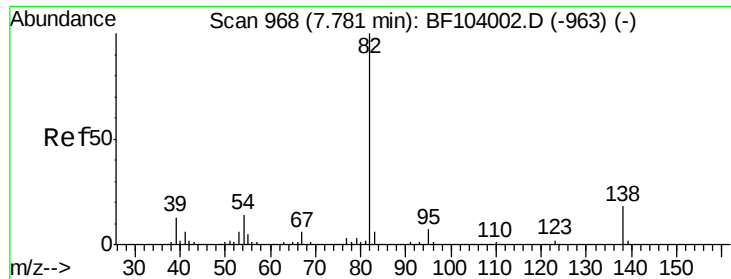


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 35.252 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.25 min

Lab File: BF104051.D

Acq: 29 Mar 2018 15:23

Instrument :

BNA_F

ClientSampleId :

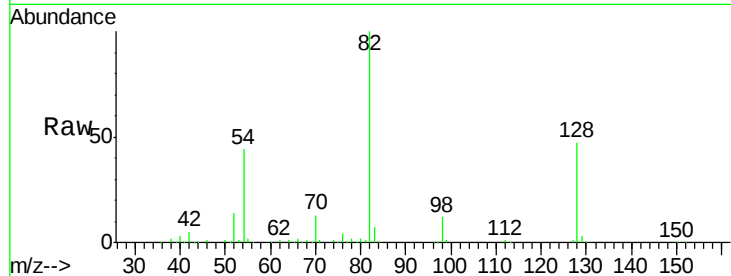
Tot Ion: 82 Resp: 519471

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

7.53

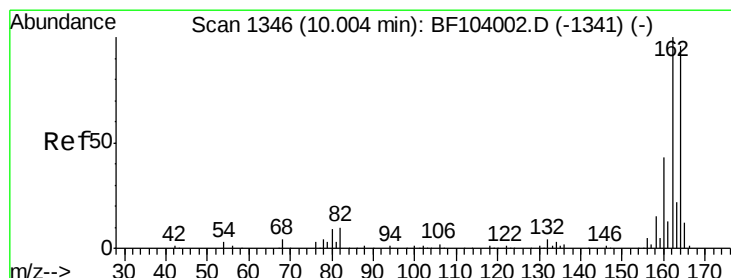
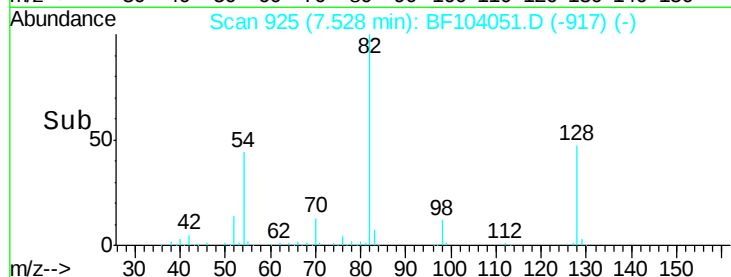
300000

200000

100000

0

Time--> 7.40 7.50 7.60 7.70 7.80



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF104051.D

Acq: 29 Mar 2018 15:23

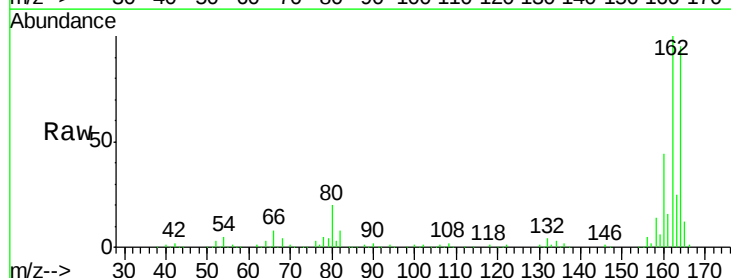
Tgt Ion:164 Resp: 214839

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

160 46.0 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

10.00

250000

200000

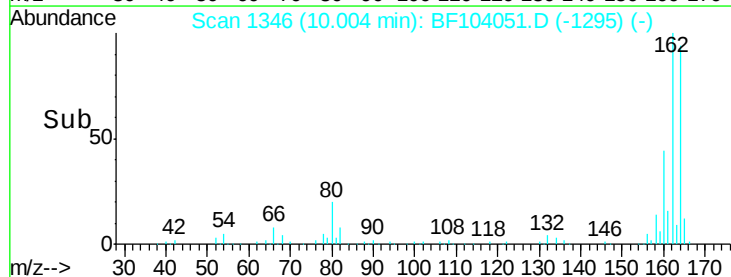
150000

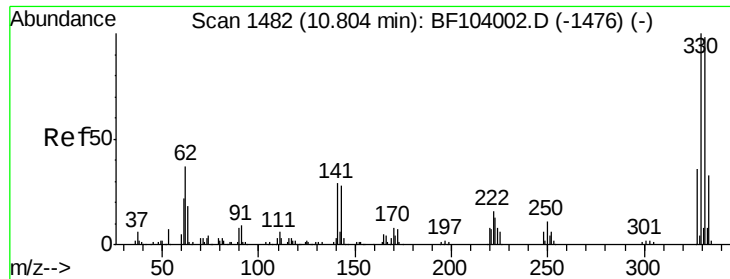
100000

50000

0

Time--> 10.00 10.10

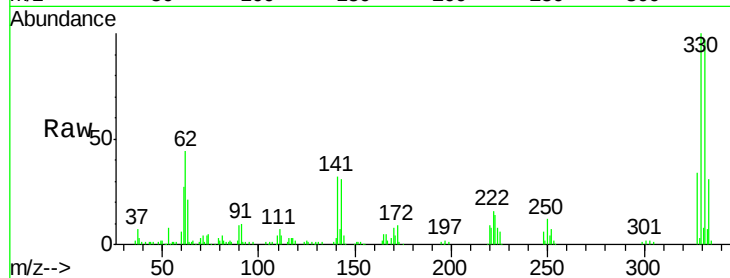




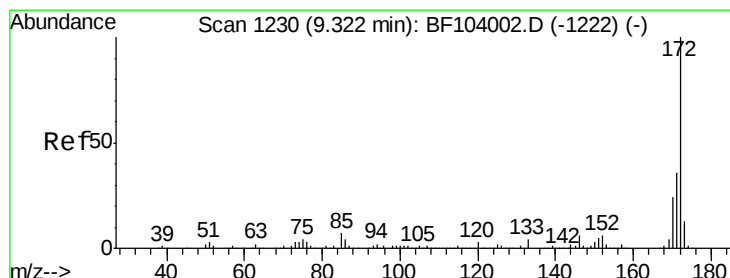
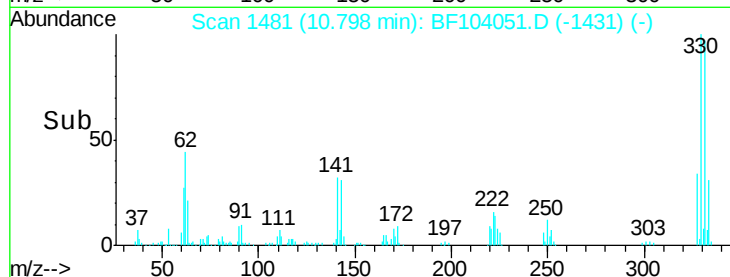
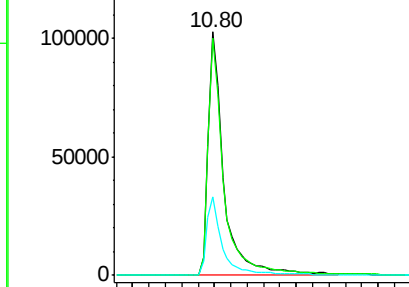
#41
 2,4,6-Tribromophenol
 Concen: 57.492 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104051.D
 Acq: 29 Mar 2018 15:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	32.4	29.9	44.9

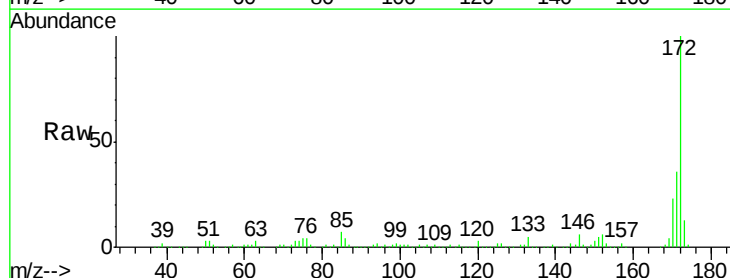


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

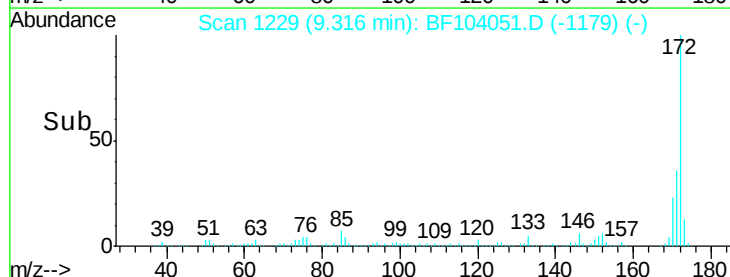
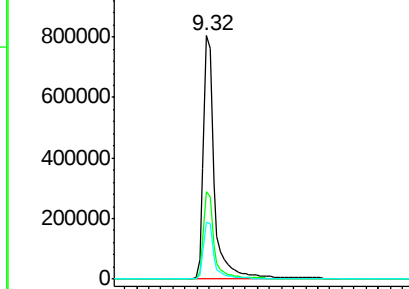


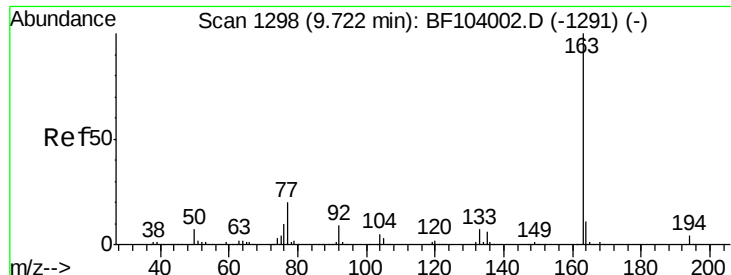
#44
 2-Fluorobiphenyl
 Concen: 76.560 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104051.D
 Acq: 29 Mar 2018 15:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.3	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

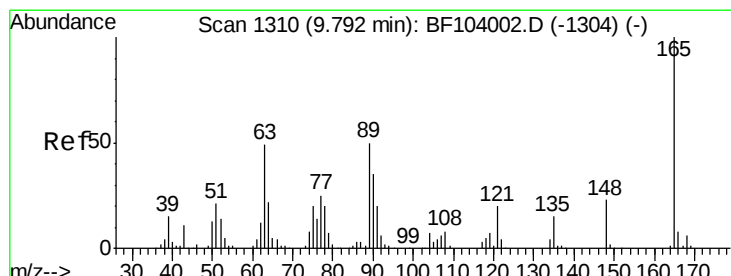
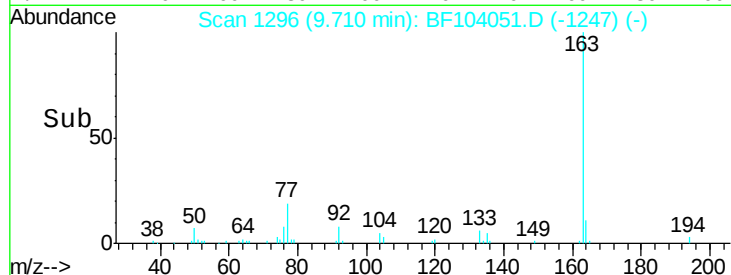
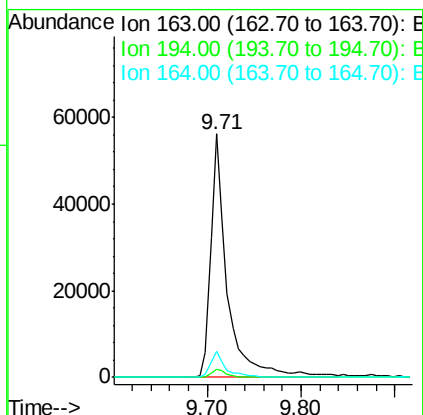
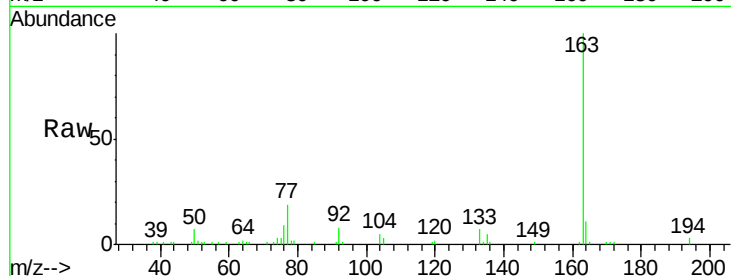




#49
Dimethylphthalate
Concen: 4.133 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104051.D
Acq: 29 Mar 2018 15:23

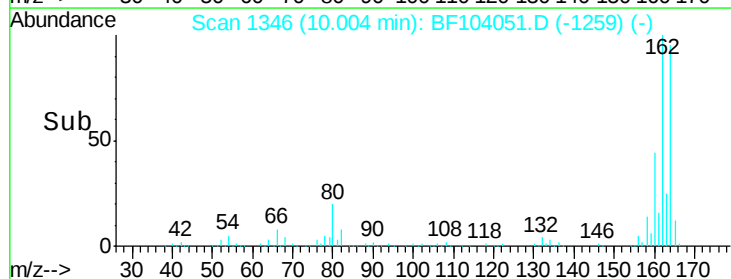
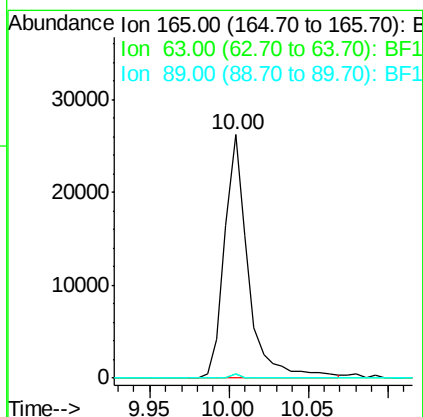
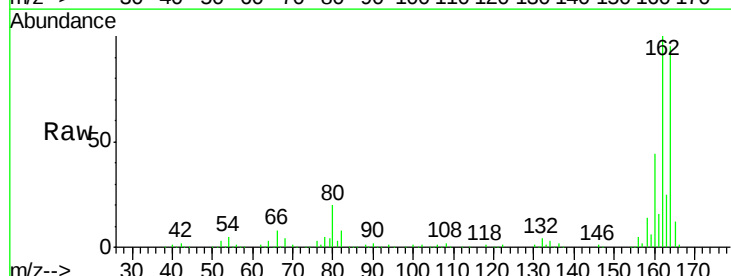
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 70113
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.7 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.443 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104051.D
Acq: 29 Mar 2018 15:23

Tgt Ion:165 Resp: 27161
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 1.7 44.0 66.0#

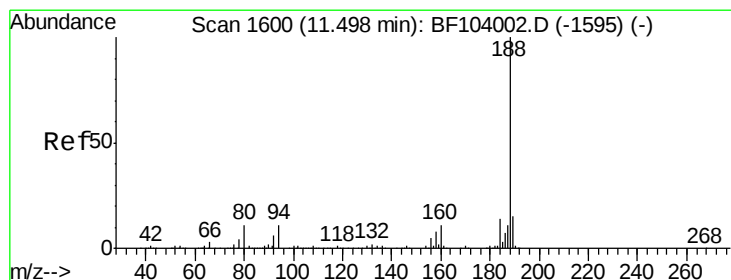
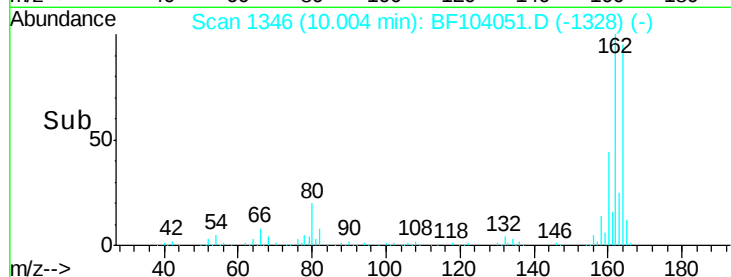
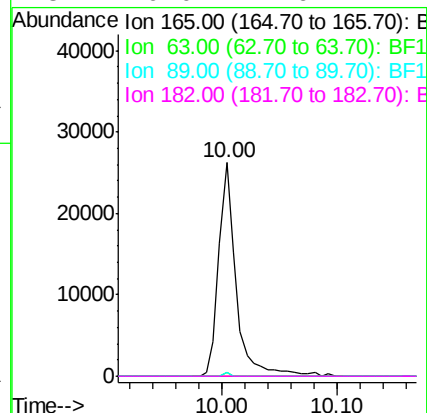
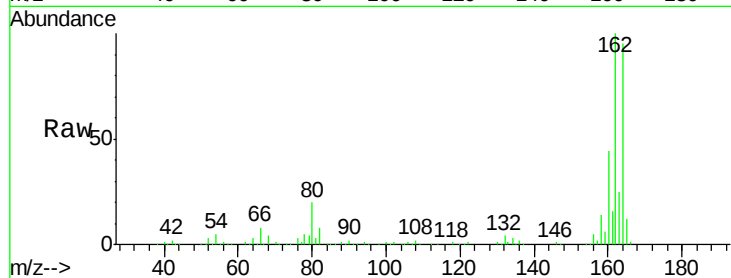




#56
2,4-Dinitrotoluene
Concen: 5.913 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF104051.D
Acq: 29 Mar 2018 15:23

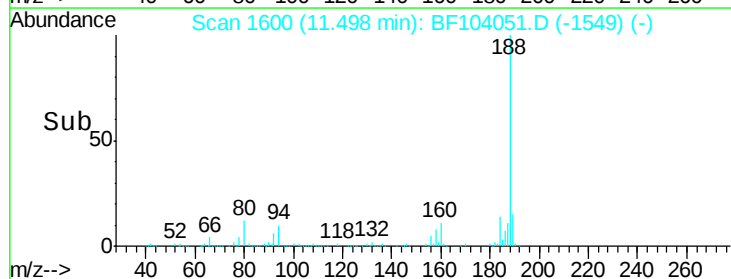
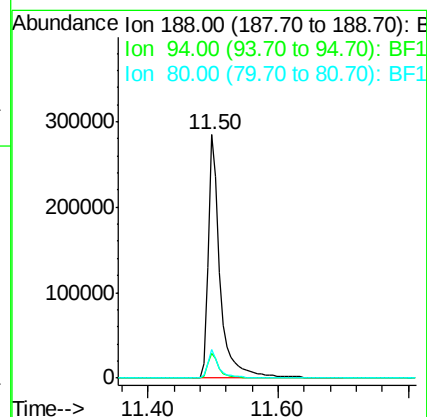
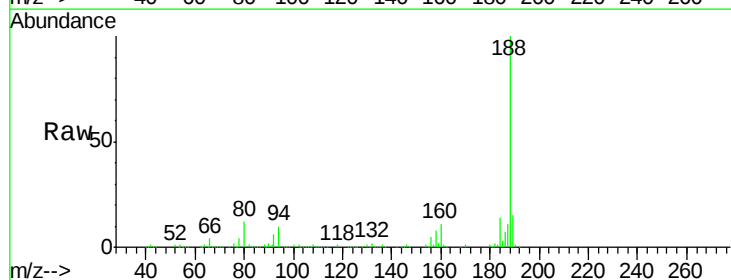
Instrument :
BNA_F
ClientSampleId :

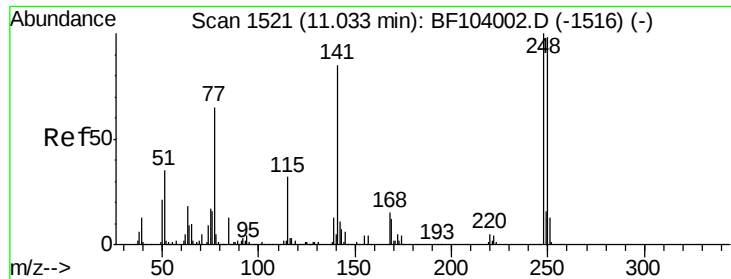
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104051.D
Acq: 29 Mar 2018 15:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.5	9.2	13.8

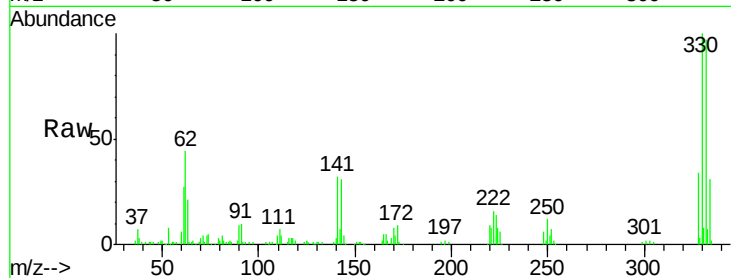




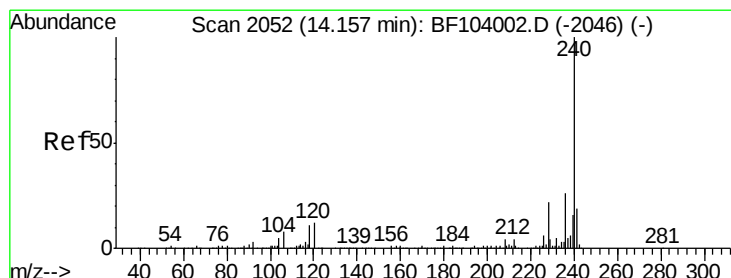
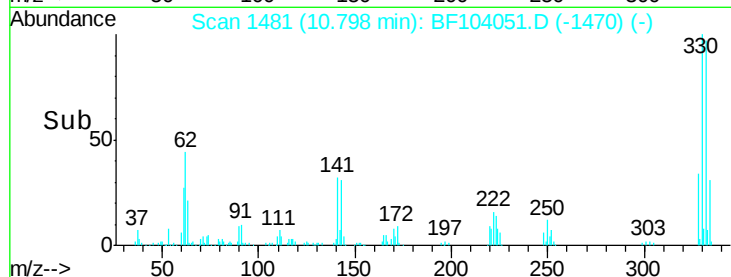
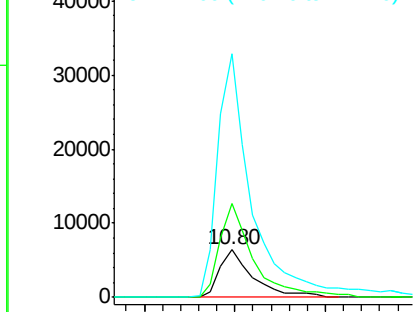
#66
4-Bromophenyl-phenylether
Concen: 2.141 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104051.D
Acq: 29 Mar 2018 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8243
Ion Ratio Lower Upper
248 100
250 196.4 76.9 115.3#
141 512.5 74.4 111.6#

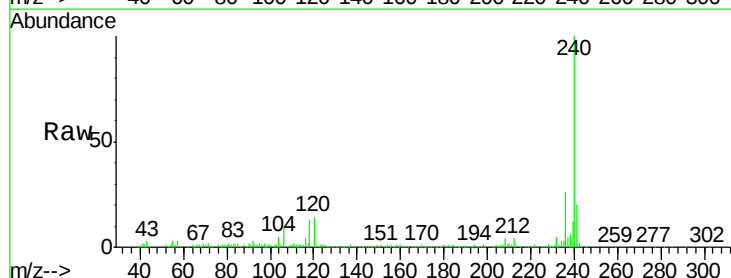


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

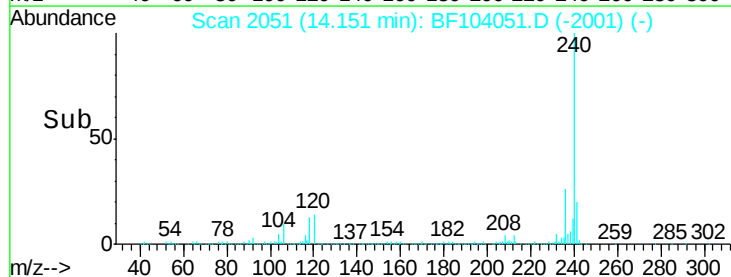
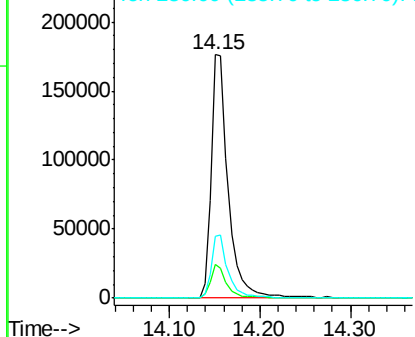


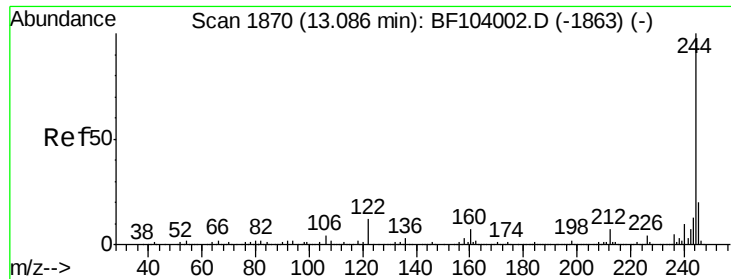
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104051.D
Acq: 29 Mar 2018 15:23

Tgt Ion:240 Resp: 231442
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 25.6 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

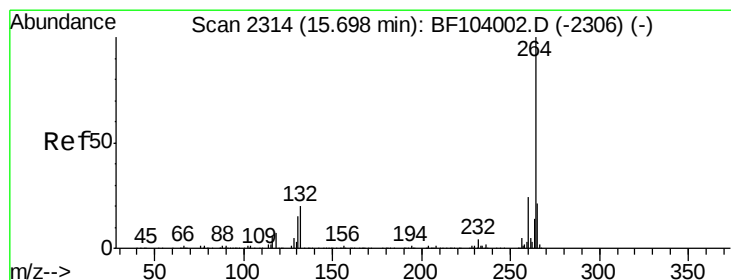
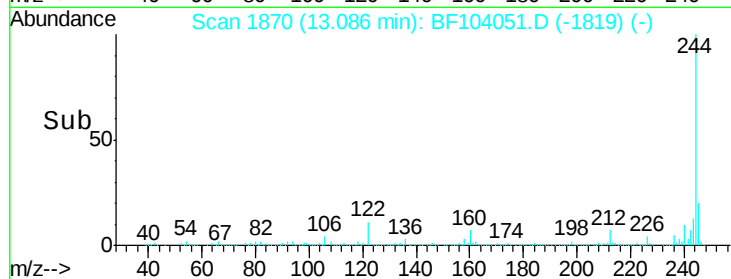
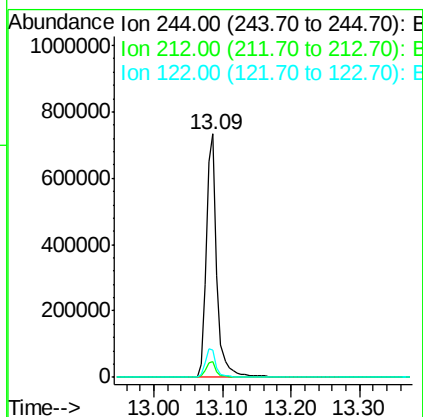
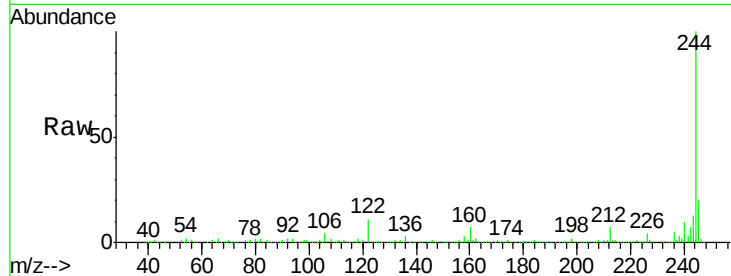




#78
 Terphenyl-d14
 Concen: 80.297 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF104051.D
 Acq: 29 Mar 2018 15:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 804871
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BF104051.D
 Acq: 29 Mar 2018 15:23

Tgt Ion:264 Resp: 222036
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.2 17.5 26.3

