

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104088.D
 Acq On : 30 Mar 2018 8:48
 Operator : JU/SJ
 Sample : J2113-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 11:17:54 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

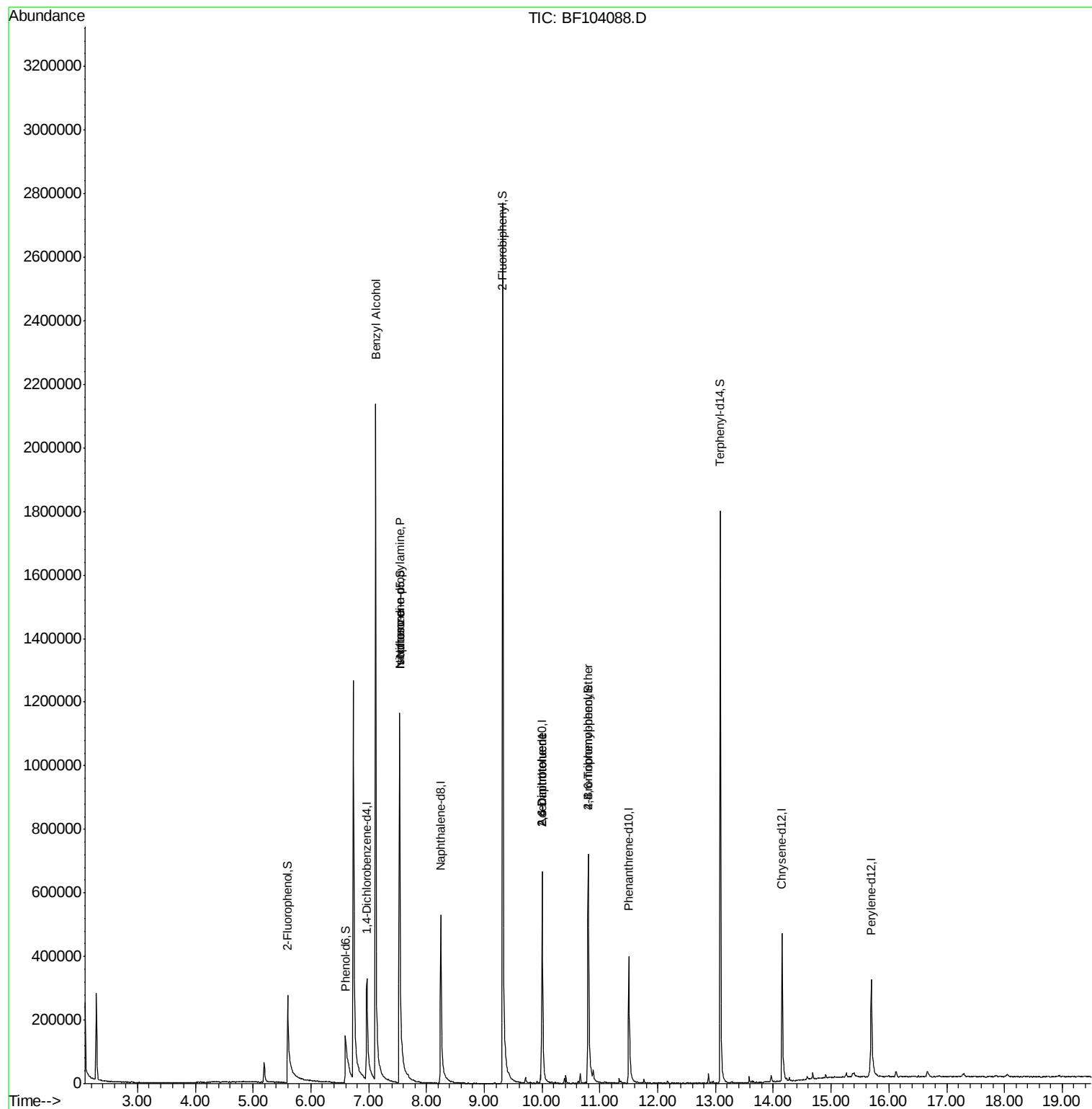
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	109557	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	455079	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	183074	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	257121	20.00	ng	0.00
75) Chrysene-d12	14.15	240	231305	20.00	ng	0.00
86) Perylene-d12	15.70	264	222679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	268003	39.01	ng	0.00
7) Phenol-d6	6.60	99	223910	26.49	ng	0.00
23) Nitrobenzene-d5	7.53	82	703914	94.60	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	144843	71.05	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1279981	110.25	ng	0.00
78) Terphenyl-d14	13.08	244	780627	77.92	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.12	79	11527	2.098	ng	# 37
19) n-Nitroso-di-n-propylamine	7.53	70	84815	16.909	ng	# 72
25) Isophorone	7.53	82	707602	51.598	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	22665	7.288	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	22791	5.744	ng	# 23
66) 4-Bromophenyl-phenylether	10.80	248	8496	3.089	ng	# 1

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

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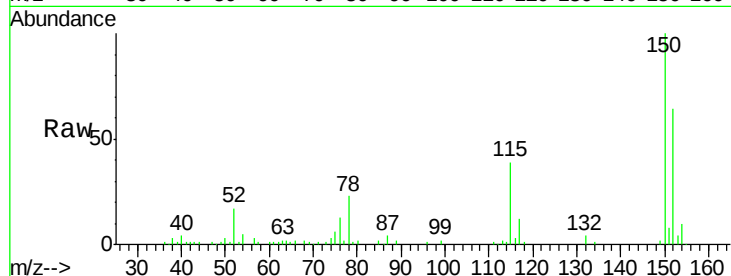


#1

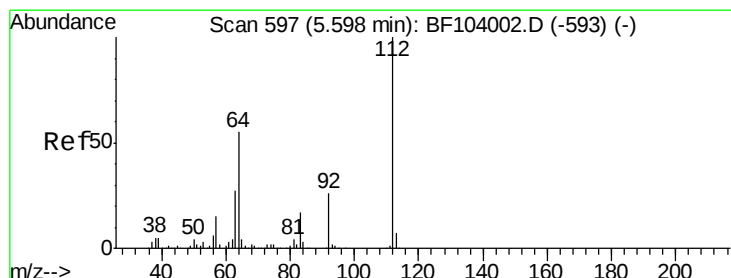
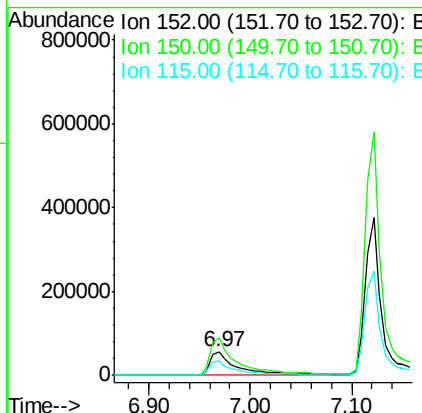
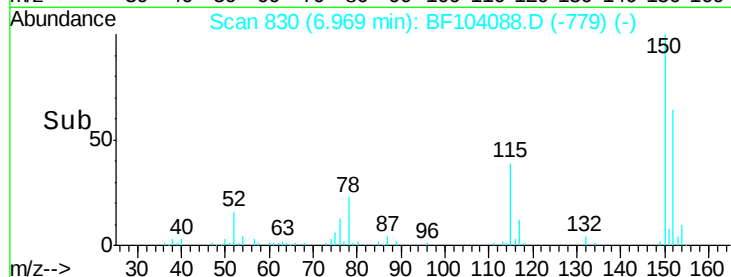
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF104088.D
 Acq: 30 Mar 2018 8:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	60.3	50.1	75.1



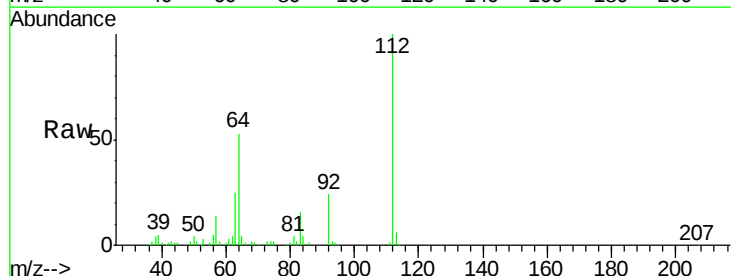
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



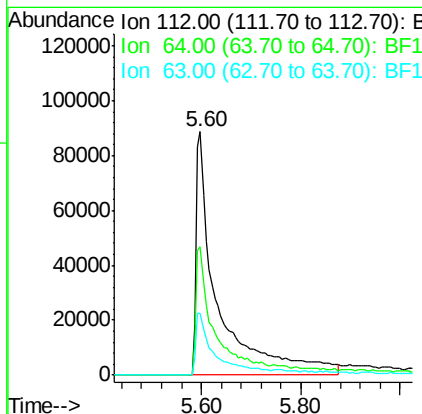
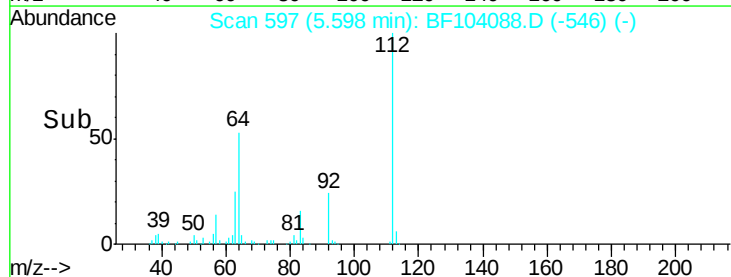
#5

2-Fluorophenol
 Concen: 39.011 ng
 RT: 5.60 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF104088.D
 Acq: 30 Mar 2018 8:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	47.9	71.9
63	25.3	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: 26.492 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104088.D

Acq: 30 Mar 2018 8:48

Instrument :

BNA_F

ClientSampleId :

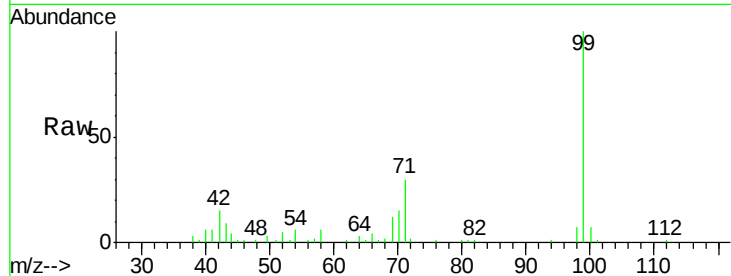
Tot Ion: 99 Resp: 223910

Ion Ratio Lower Upper

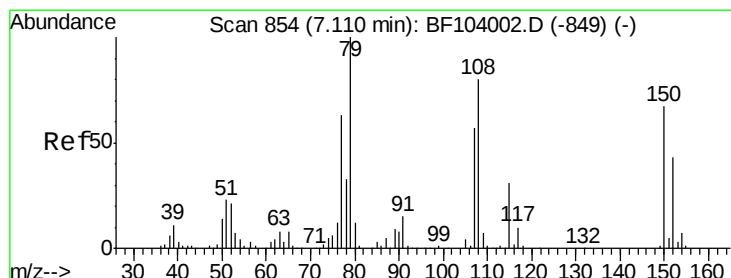
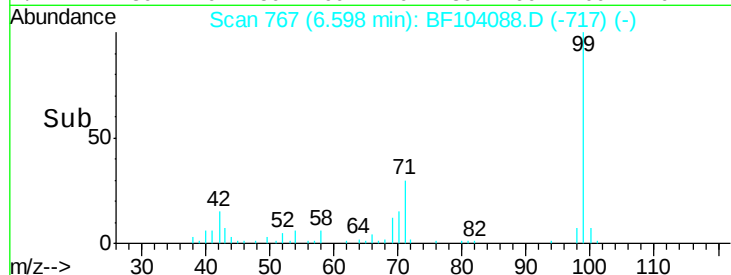
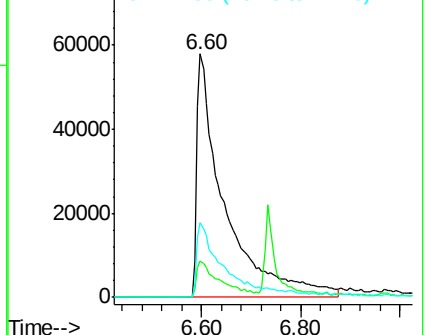
99 100

42 15.1 14.5 21.7

71 30.5 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: 2.098 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF104088.D

Acq: 30 Mar 2018 8:48

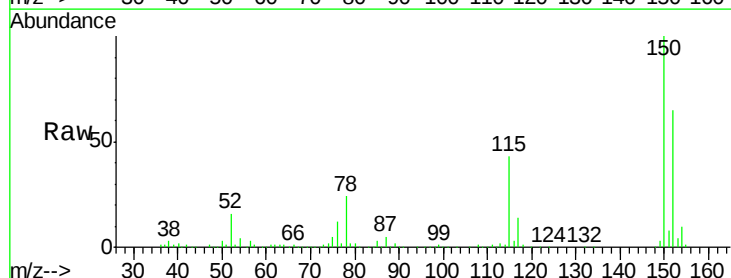
Tgt Ion: 79 Resp: 11527

Ion Ratio Lower Upper

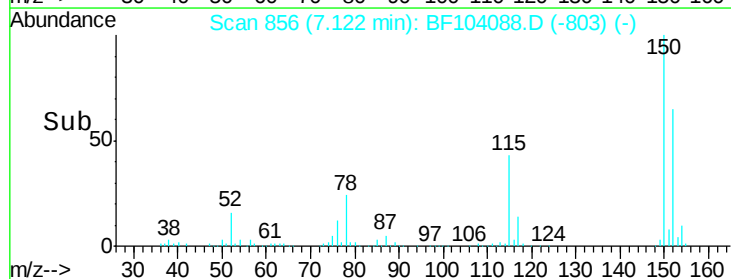
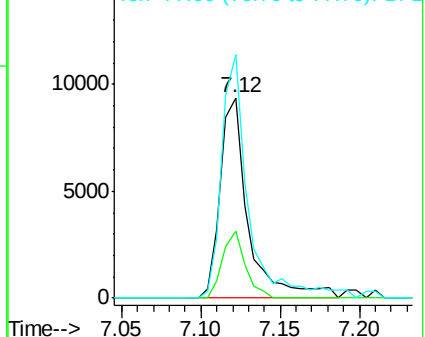
79 100

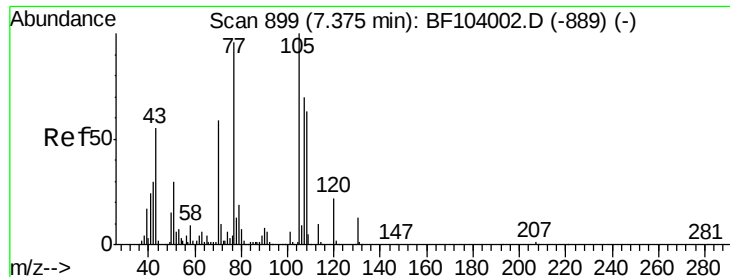
108 33.1 65.1 97.7#

77 121.5 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

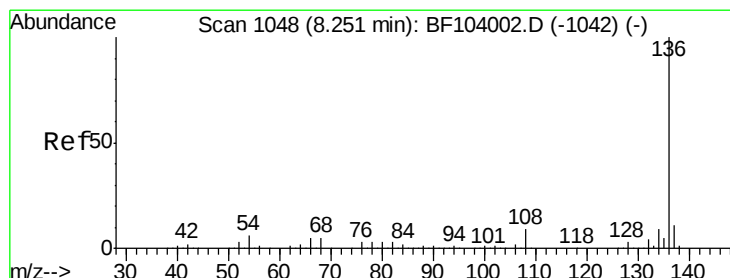
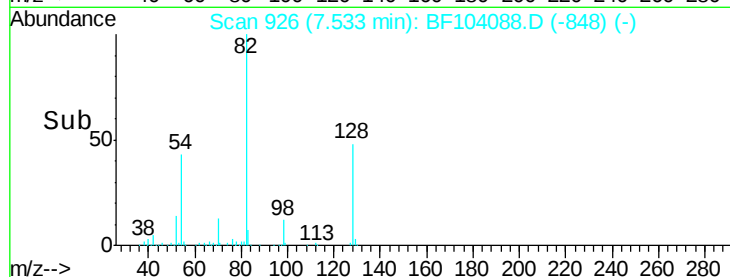
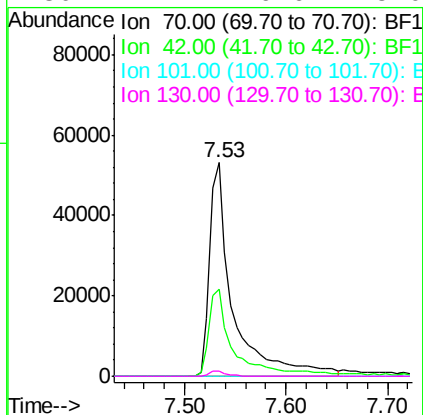
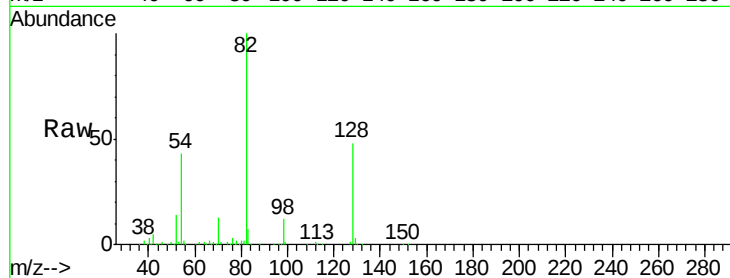




#19
n-Nitroso-di-n-propylamine
Concen: 16.909 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF104088.D
Acq: 30 Mar 2018 8:48

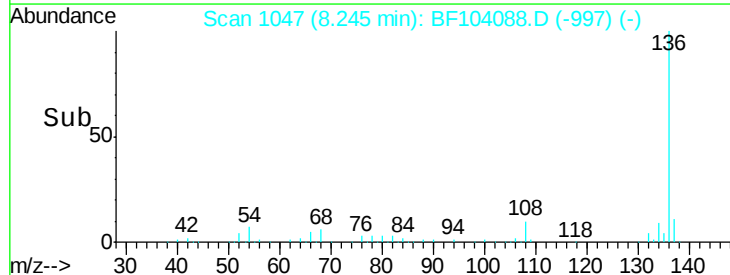
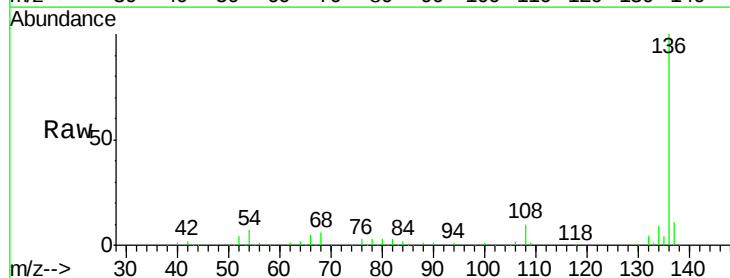
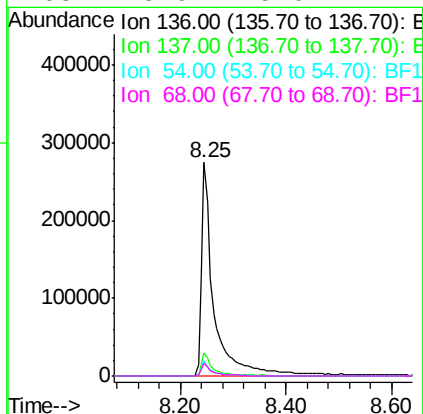
Instrument :
BNA_F
ClientSampleId :

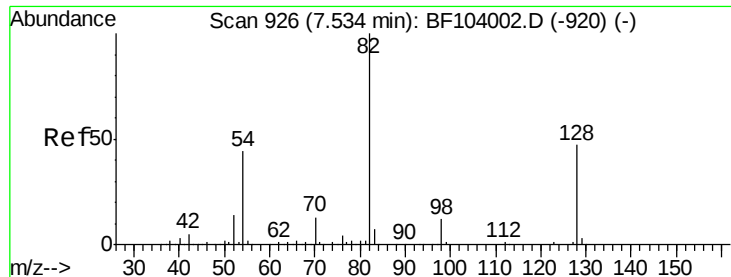
Tot Ion: 70 Resp: 84815
Ion Ratio Lower Upper
70 100
42 40.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104088.D
Acq: 30 Mar 2018 8:48

Tgt Ion: 136 Resp: 455079
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.9 6.6 9.8
68 5.9 5.0 7.4

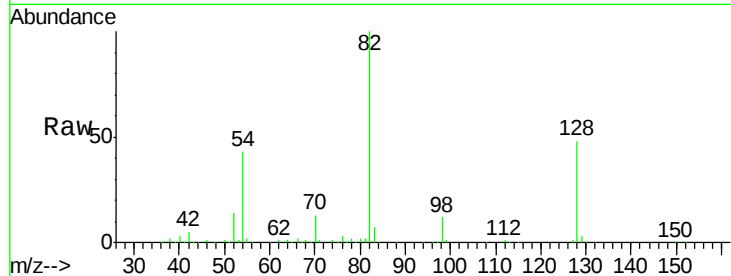




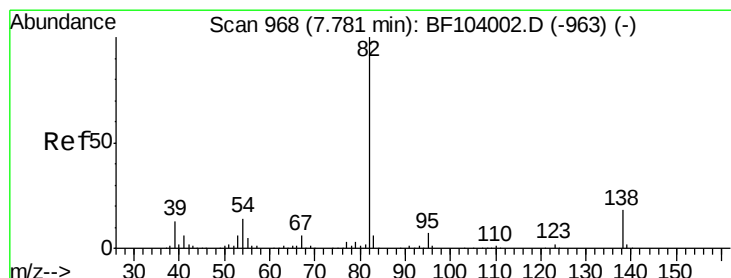
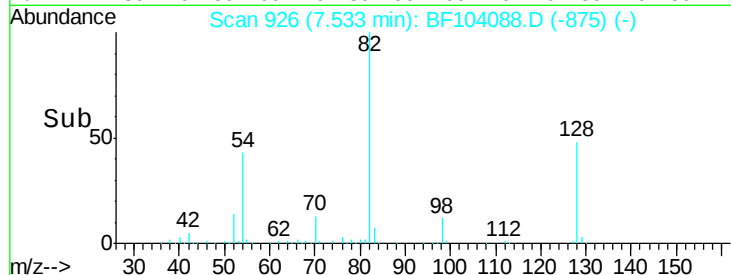
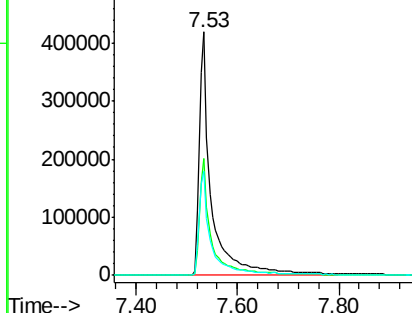
#23
Nitrobenzene-d5
Concen: 94.595 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104088.D
Acq: 30 Mar 2018 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 703914
Ion Ratio Lower Upper
82 100
128 48.1 36.1 54.1
54 42.9 41.4 62.2

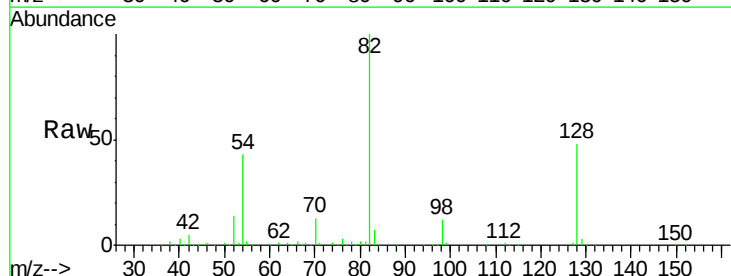


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

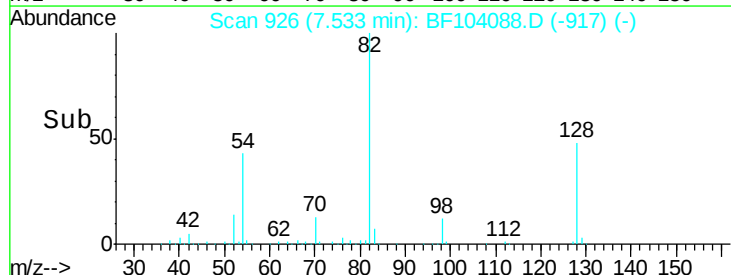
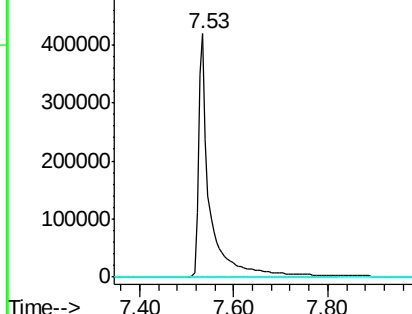


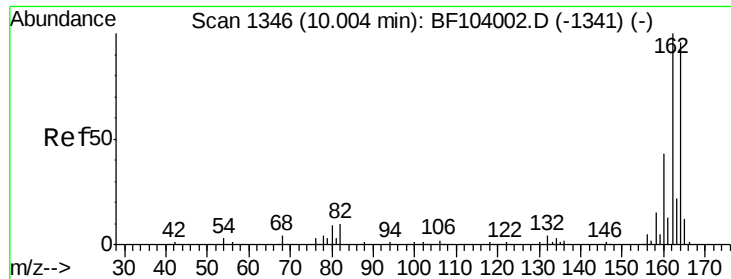
#25
Isophorone
Concen: 51.598 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF104088.D
Acq: 30 Mar 2018 8:48

Tgt Ion: 82 Resp: 707602
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

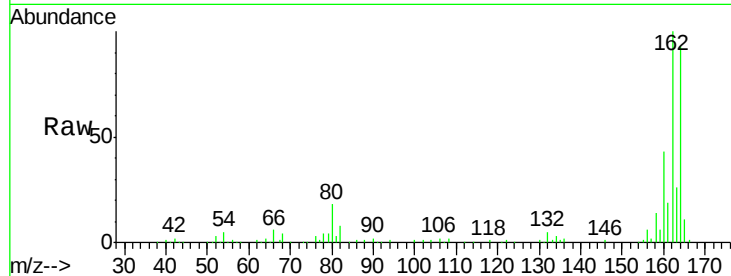




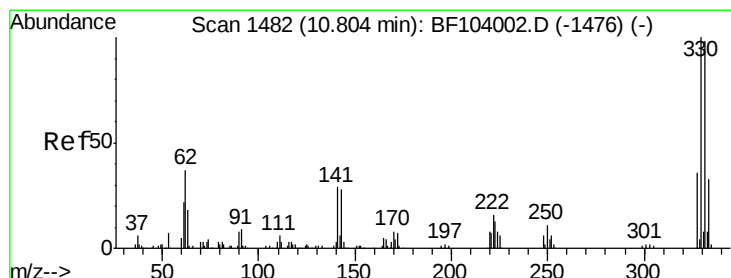
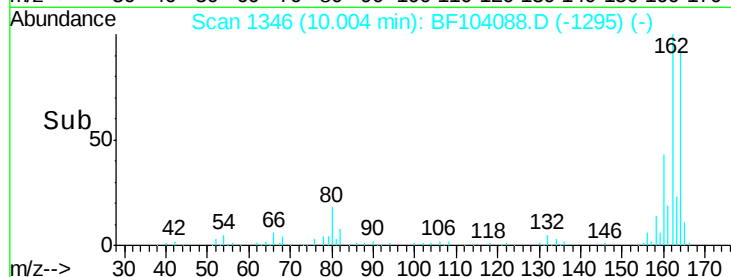
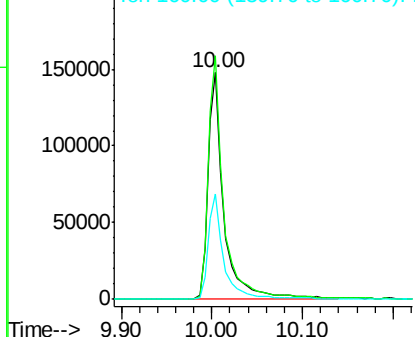
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104088.D
Acq: 30 Mar 2018 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 183074
Ion Ratio Lower Upper
164 100
162 107.3 86.1 129.1
160 46.4 38.3 57.5

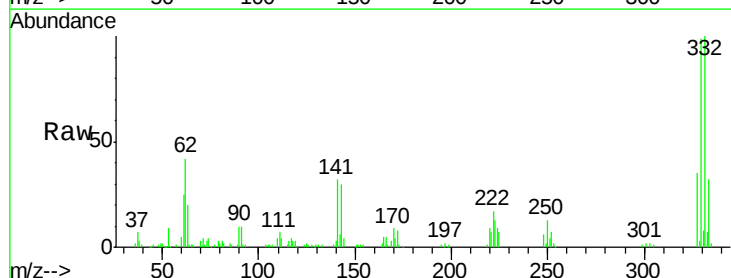


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

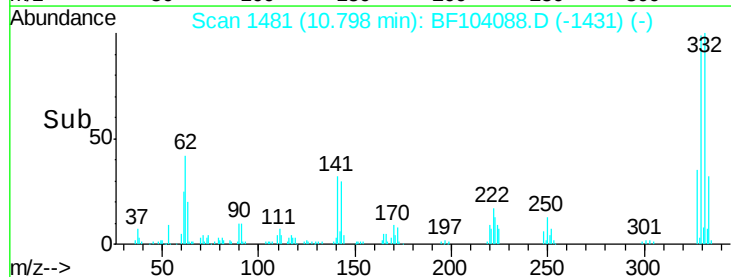
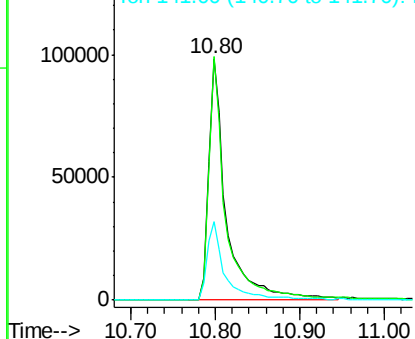


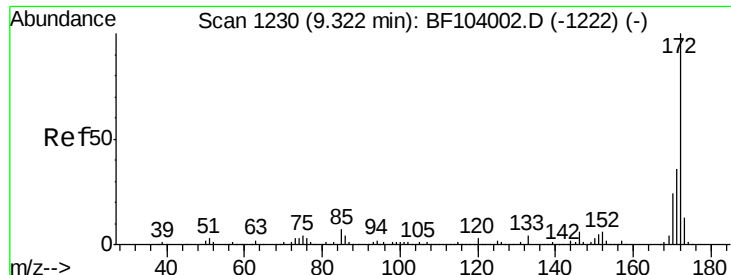
#41
2,4,6-Tribromophenol
Concen: 71.053 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF104088.D
Acq: 30 Mar 2018 8:48

Tgt Ion:330 Resp: 144843
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



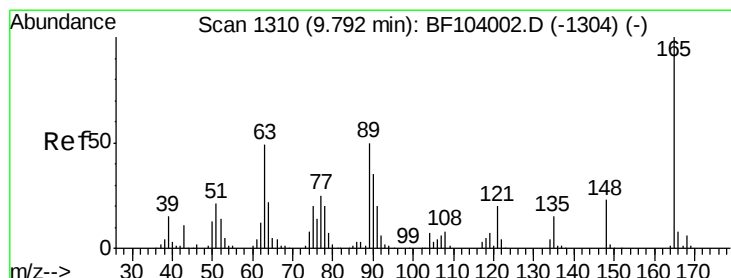
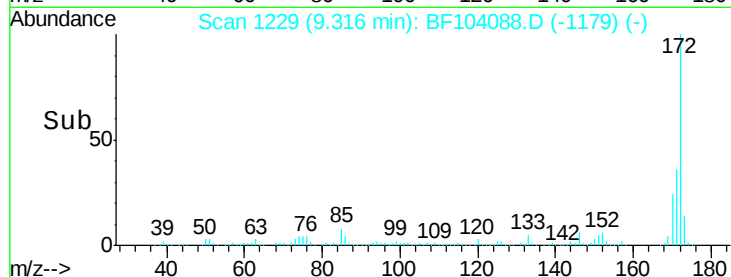
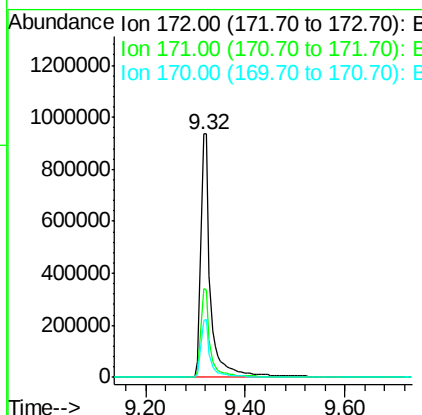
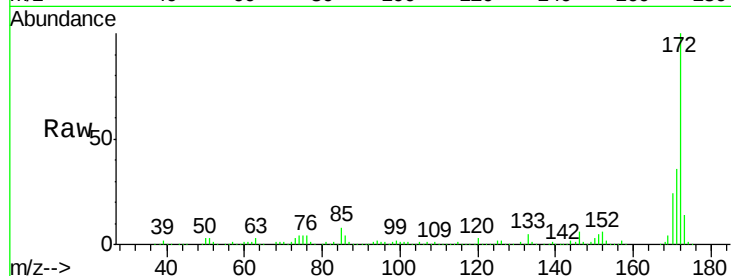


#44
 2-Fluorobiphenyl
 Concen: 110.252 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104088.D
 Acq: 30 Mar 2018 8:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1279981

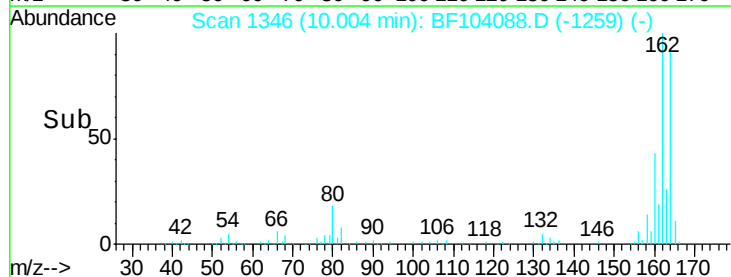
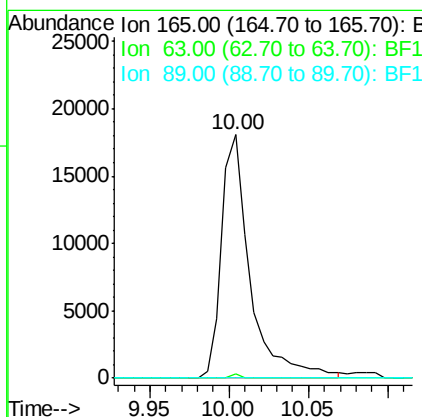
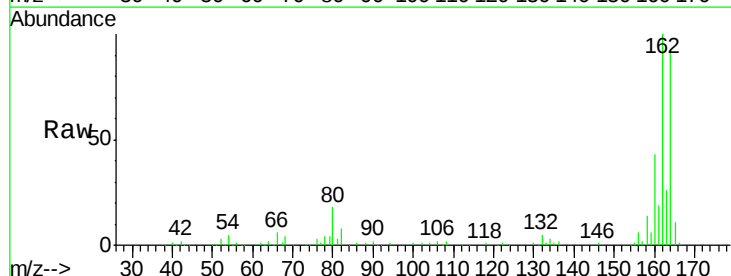
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.5	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.288 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.21 min
 Lab File: BF104088.D
 Acq: 30 Mar 2018 8:48

Tgt Ion:165 Resp: 22665

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	0.0	44.0	66.0#

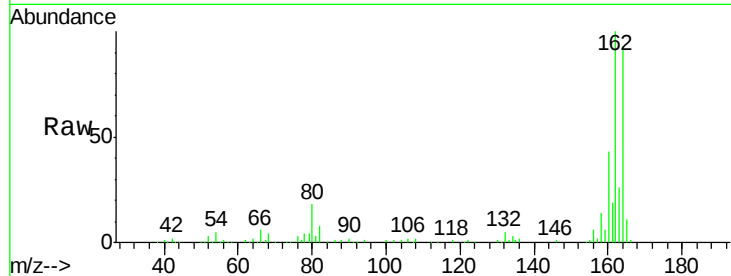




#56
2,4-Dinitrotoluene
Concen: 5.744 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF104088.D
Acq: 30 Mar 2018 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

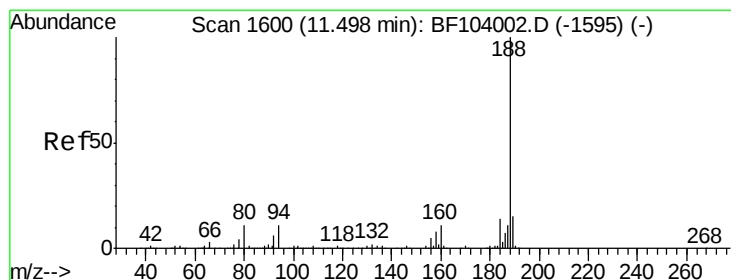
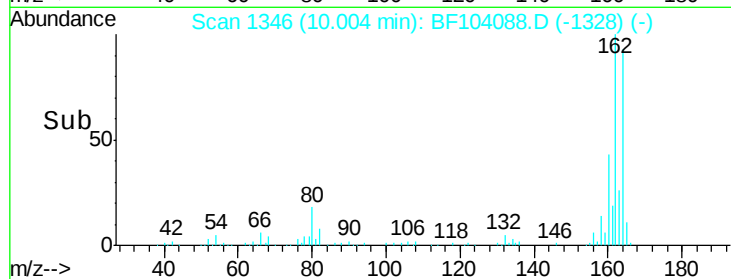
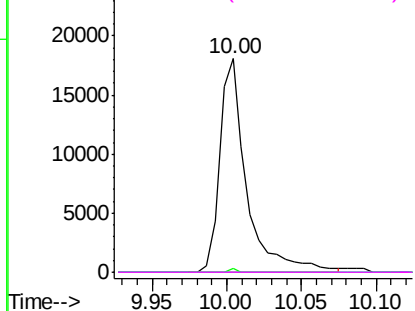


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

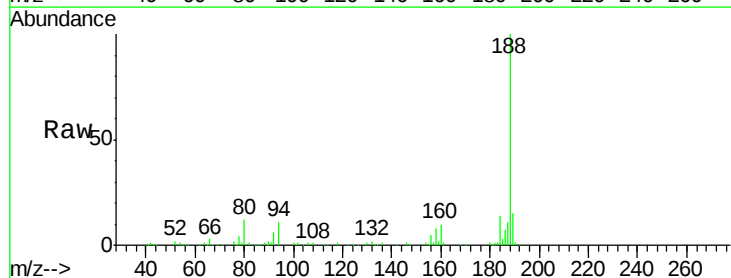
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104088.D
Acq: 30 Mar 2018 8:48

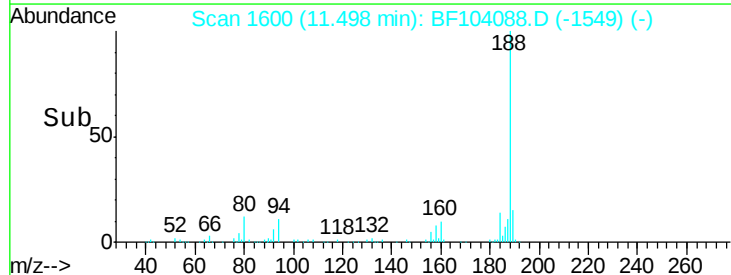
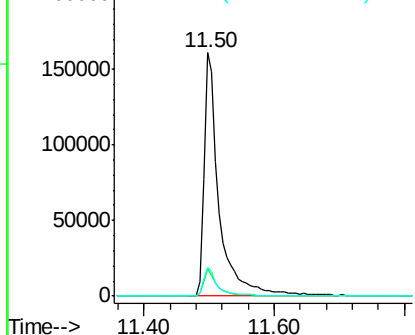
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.7	9.2	13.8

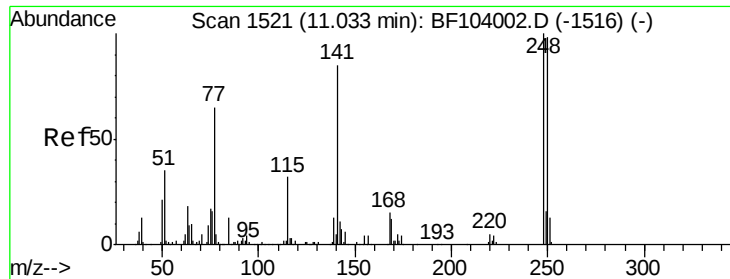


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

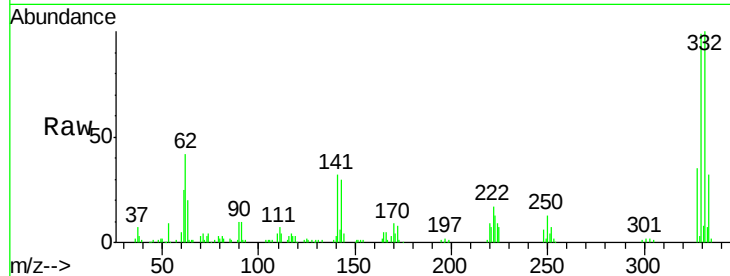




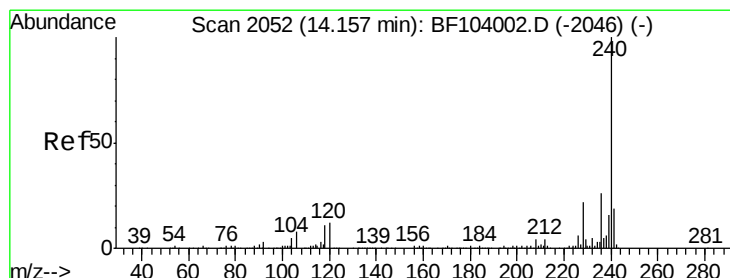
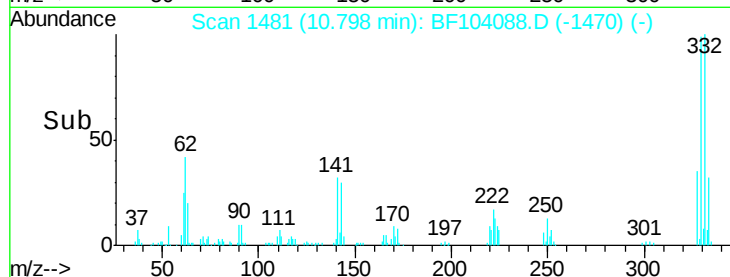
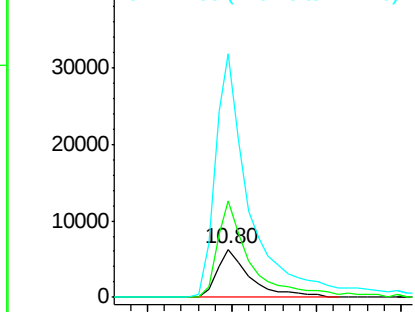
#66
4-Bromophenyl-phenylether
Concen: 3.089 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104088.D
Acq: 30 Mar 2018 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8496
Ion Ratio Lower Upper
248 100
250 200.8 76.9 115.3#
141 506.1 74.4 111.6#

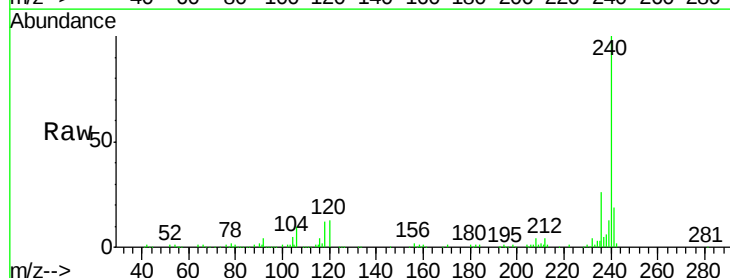


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

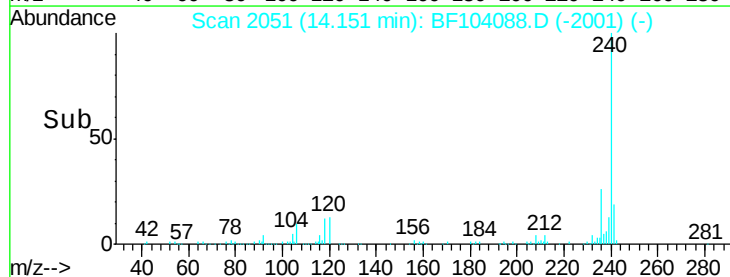
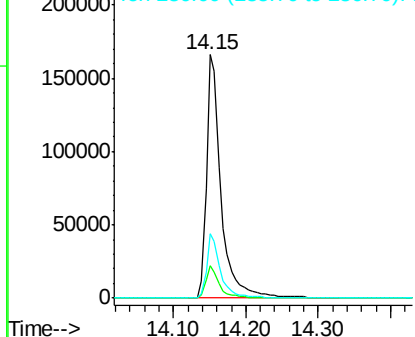


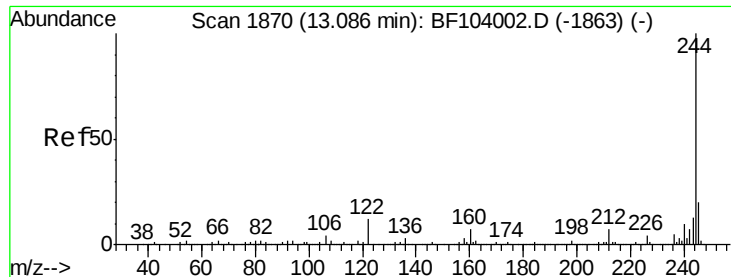
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104088.D
Acq: 30 Mar 2018 8:48

Tgt Ion:240 Resp: 231305
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 26.2 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: 77.924 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104088.D

Acq: 30 Mar 2018 8:48

Instrument :

BNA_F

ClientSampleId :

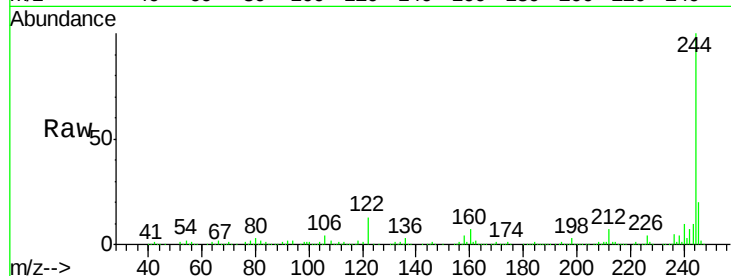
Tot Ion:244 Resp: 780627

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

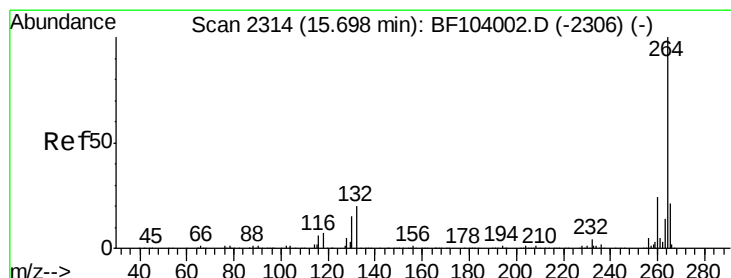
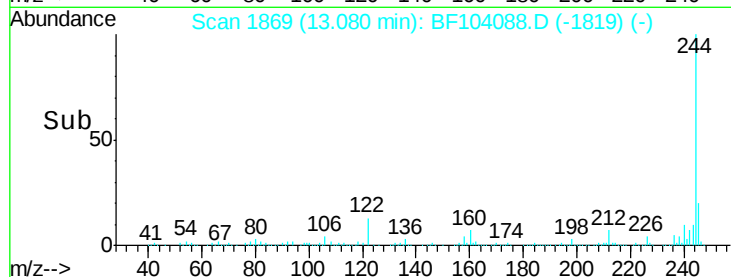
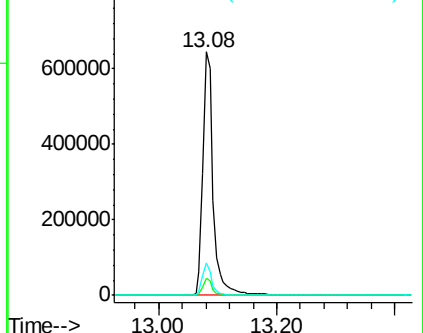
122 13.4 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BF104088.D

Acq: 30 Mar 2018 8:48

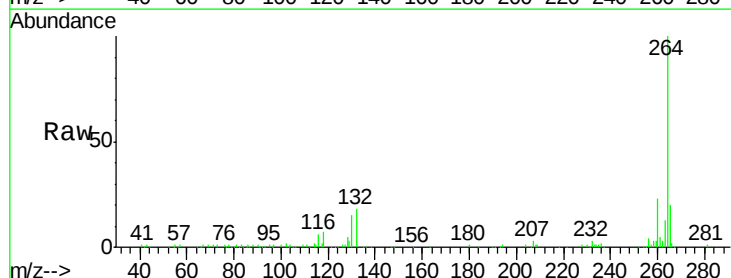
Tgt Ion:264 Resp: 222679

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 20.3 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

