

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104089.D
 Acq On : 30 Mar 2018 9:14
 Operator : JU/SJ
 Sample : J2113-06
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 11:18:08 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

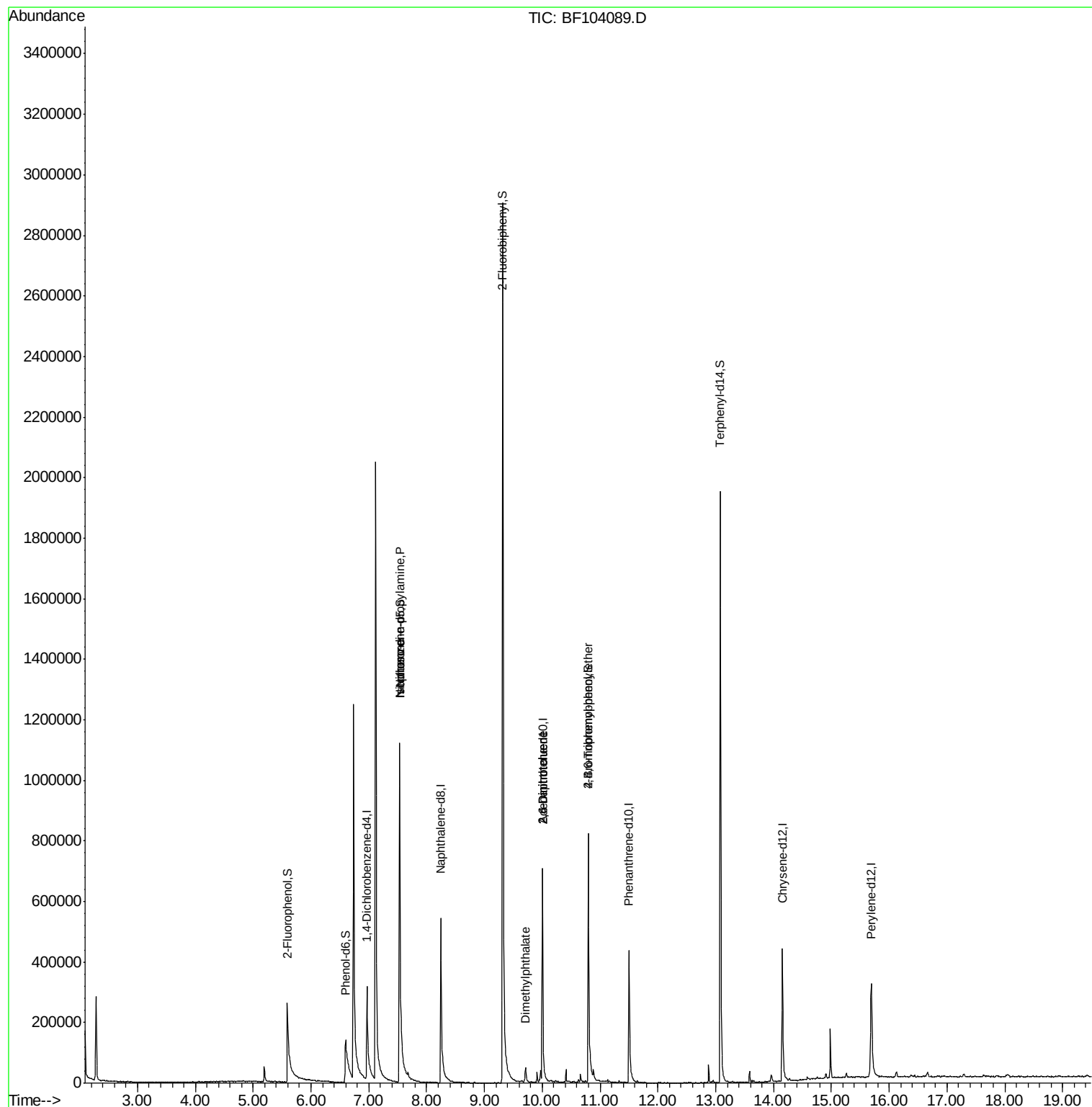
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	107756	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	456433	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	186228	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	270466	20.00	ng	0.00
75) Chrysene-d12	14.15	240	228234	20.00	ng	0.00
86) Perylene-d12	15.69	264	222341	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	225585	33.39	ng	0.00
7) Phenol-d6	6.60	99	211942	25.50	ng	0.00
23) Nitrobenzene-d5	7.53	82	695581	93.20	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	154669	74.59	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1304688	110.48	ng	0.00
78) Terphenyl-d14	13.08	244	814197	82.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	84795	17.188	ng	# 71
25) Isophorone	7.53	82	695581	50.571	ng	# 64
49) Dimethylphthalate	9.71	163	31879	2.168	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	23084	7.297	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	23647	5.858	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	9444	3.264	ng	# 1

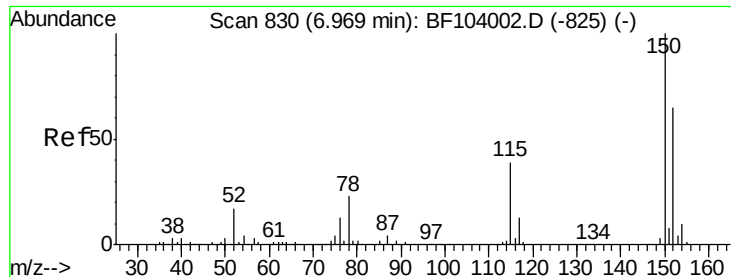
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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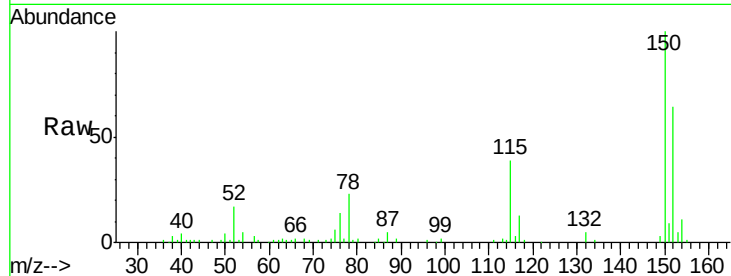


#1

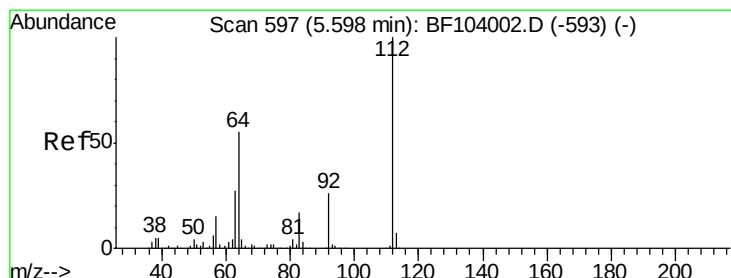
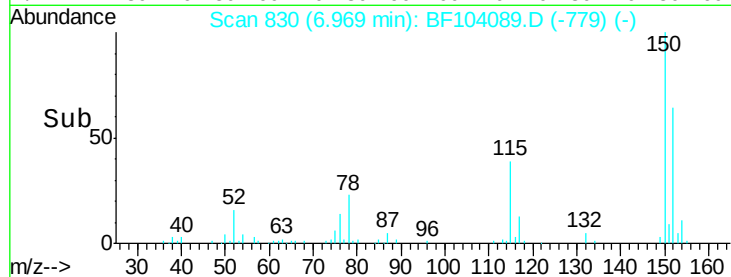
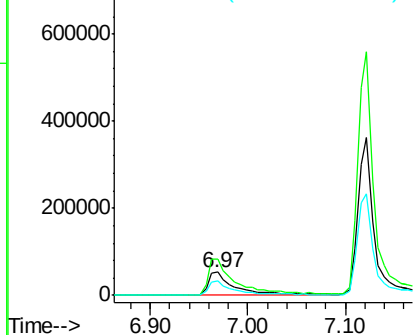
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104089.D
Acq: 30 Mar 2018 9:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	61.7	50.1	75.1



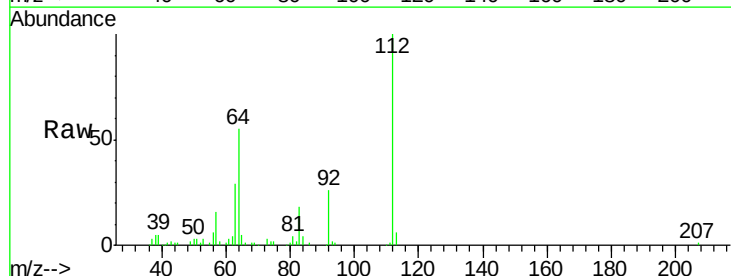
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



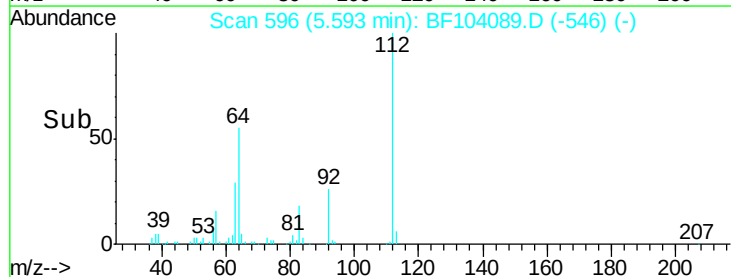
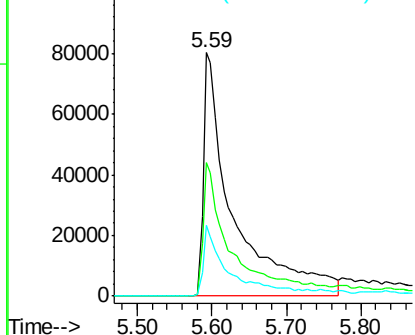
#5

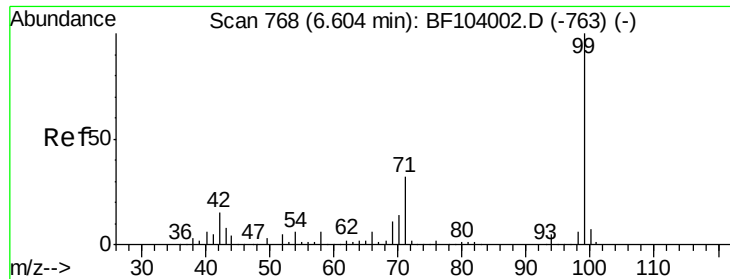
2-Fluorophenol
Concen: 33.386 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF104089.D
Acq: 30 Mar 2018 9:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	29.0	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: 25.495 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104089.D

Acq: 30 Mar 2018 9:14

Instrument :

BNA_F

ClientSampleId :

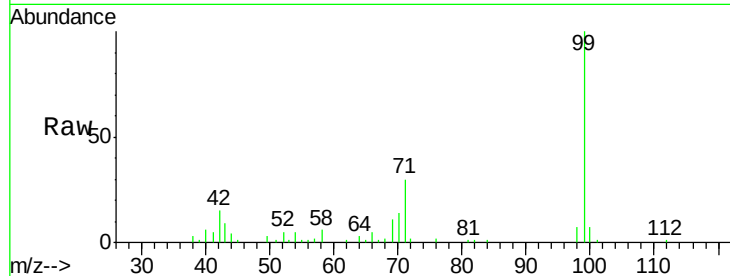
Tot Ion: 99 Resp: 211942

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

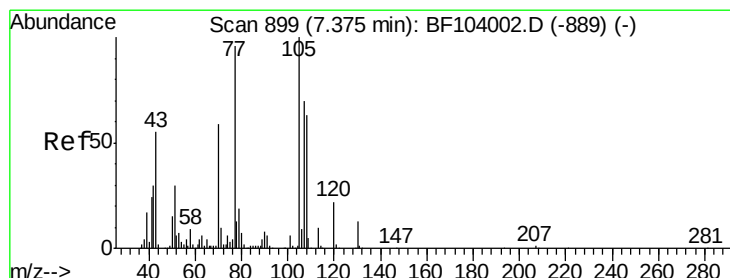
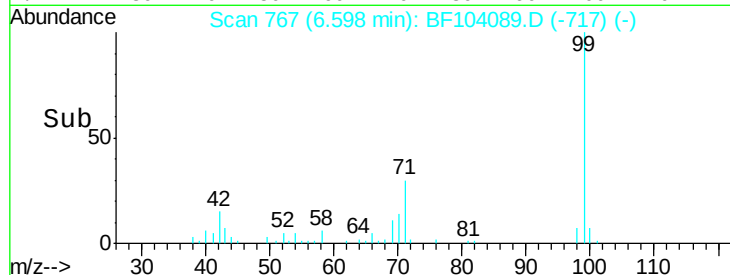
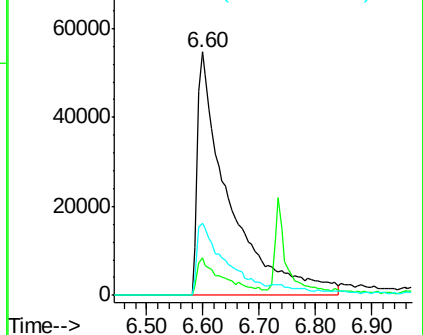
71 29.5 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.188 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.16 min

Lab File: BF104089.D

Acq: 30 Mar 2018 9:14

Tgt Ion: 70 Resp: 84795

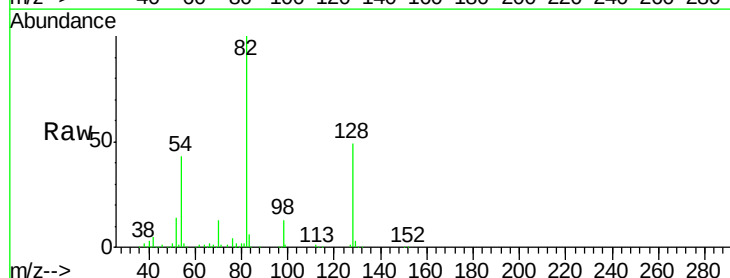
Ion Ratio Lower Upper

70 100

42 39.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

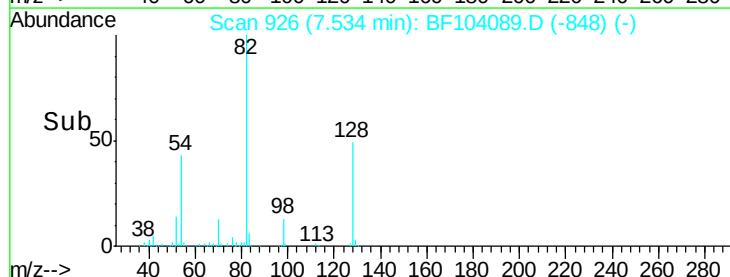
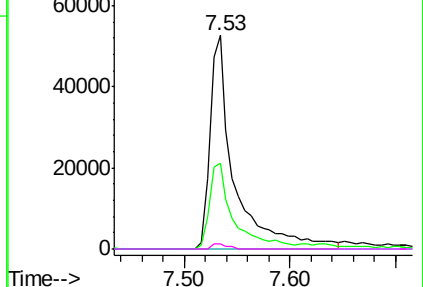


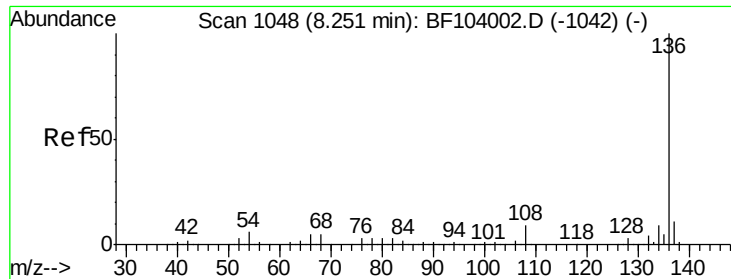
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF104089.D

Acq: 30 Mar 2018 9:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 456433

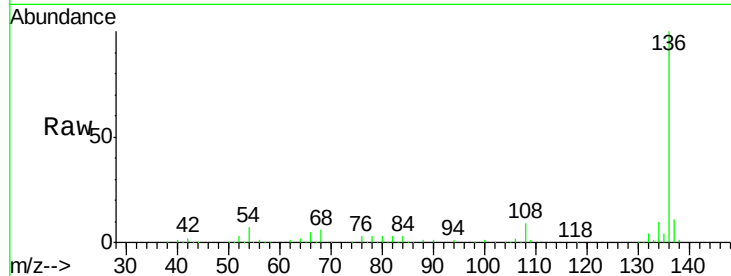
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.6 6.6 9.8

68 5.7 5.0 7.4

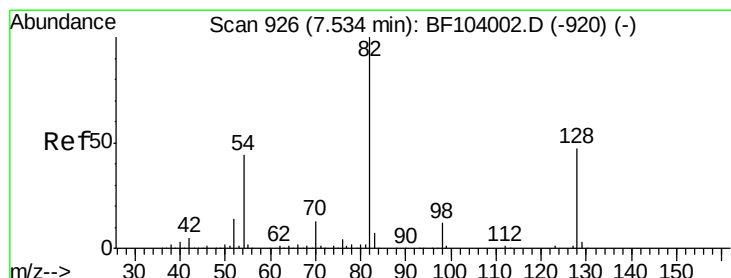
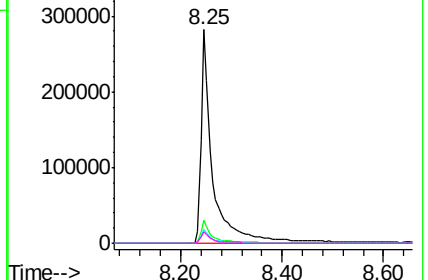
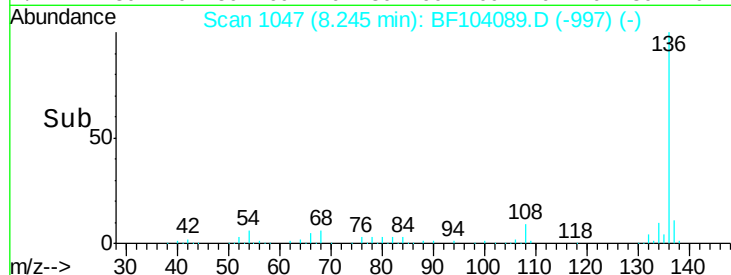


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.198 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF104089.D

Acq: 30 Mar 2018 9:14

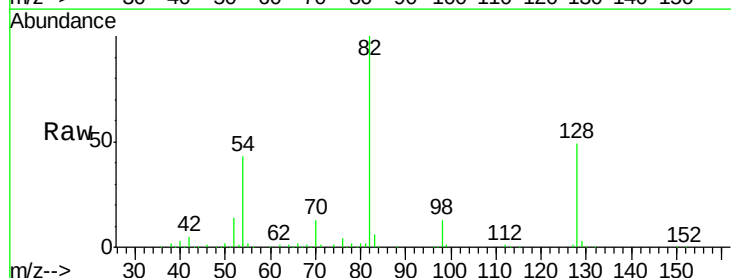
Tgt Ion: 82 Resp: 695581

Ion Ratio Lower Upper

82 100

128 48.6 36.1 54.1

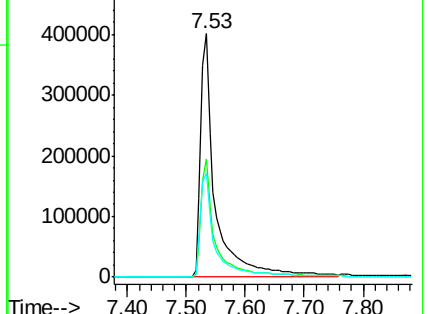
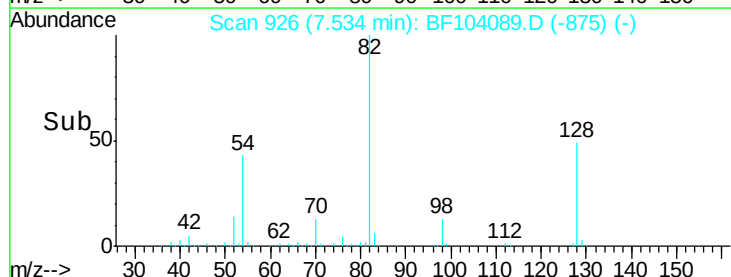
54 43.0 41.4 62.2

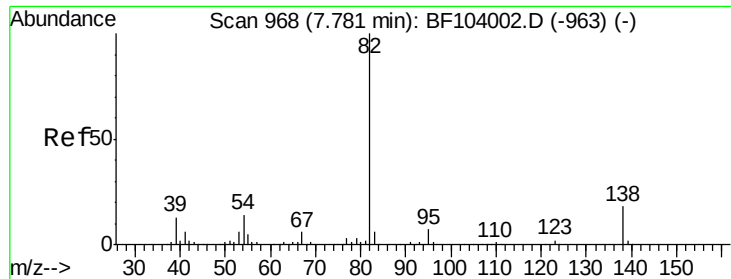


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.571 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.25 min

Lab File: BF104089.D

Acq: 30 Mar 2018 9:14

Instrument :

BNA_F

ClientSampleId :

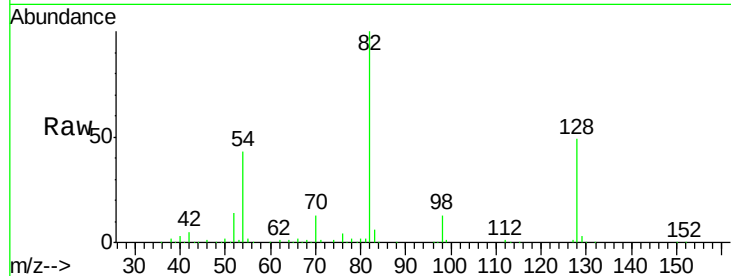
Tot Ion: 82 Resp: 695581

Ion Ratio Lower Upper

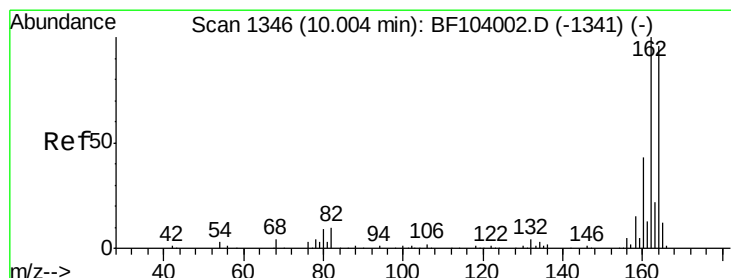
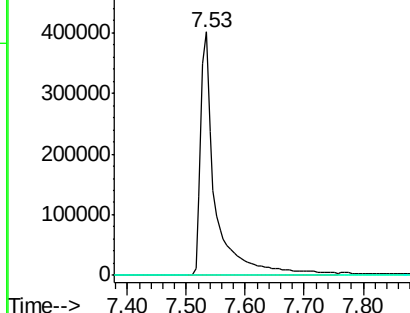
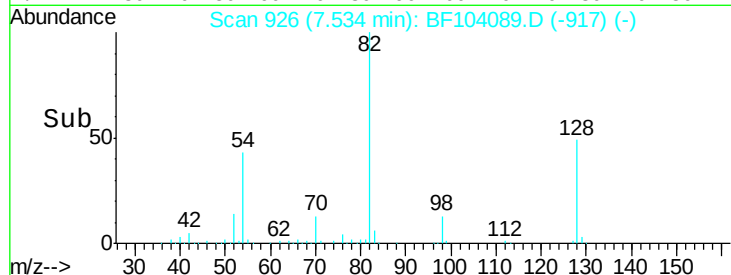
82 100

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: BF104089.D

Acq: 30 Mar 2018 9:14

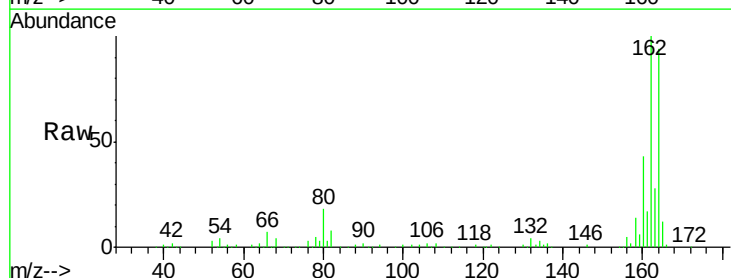
Tgt Ion:164 Resp: 186228

Ion Ratio Lower Upper

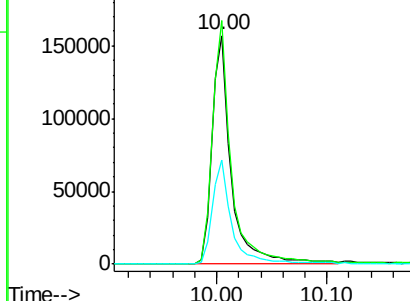
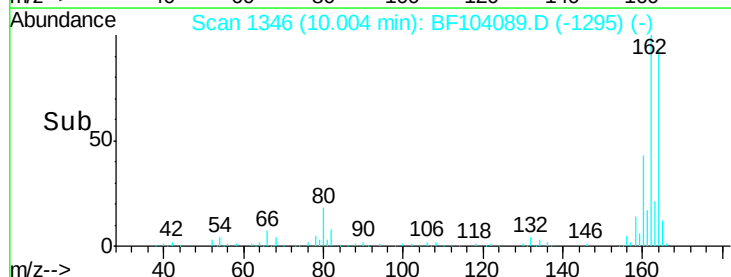
164 100

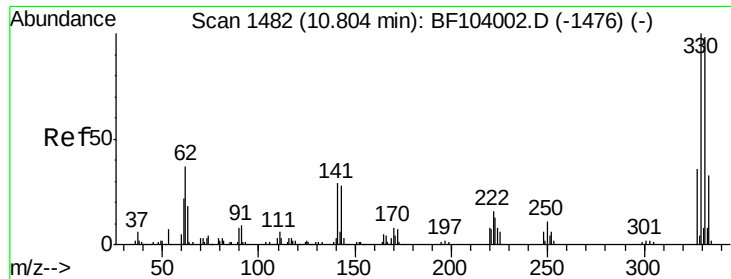
162 106.5 86.1 129.1

160 45.5 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

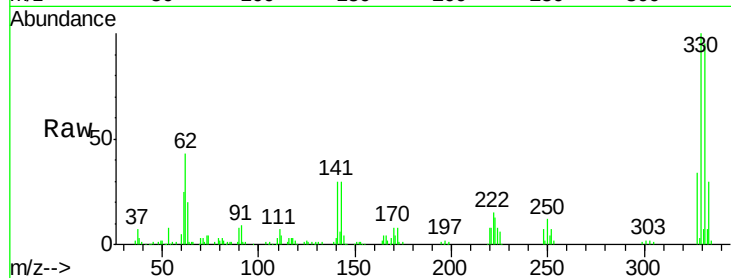




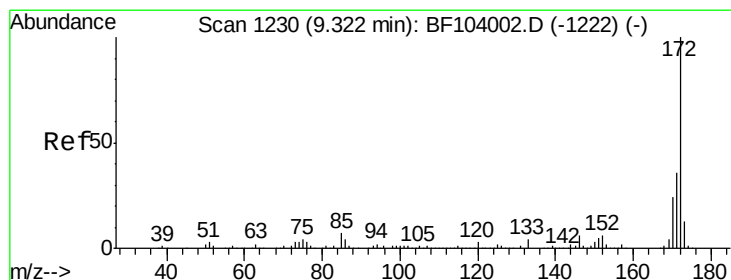
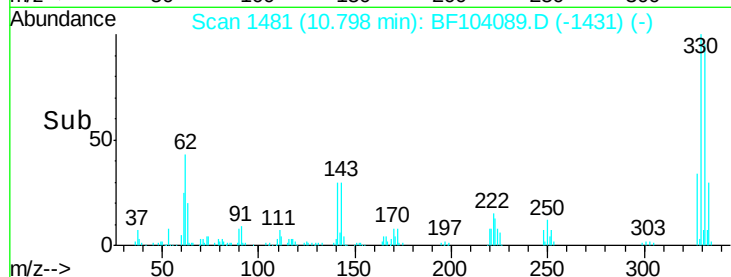
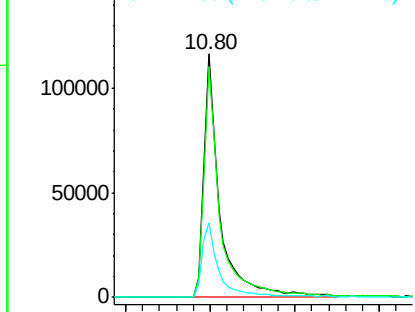
#41
 2,4,6-Tribromophenol
 Concen: 74.588 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104089.D
 Acq: 30 Mar 2018 9:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 154669
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 31.9 29.9 44.9

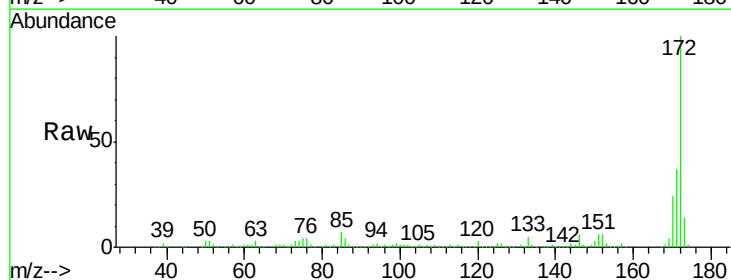


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

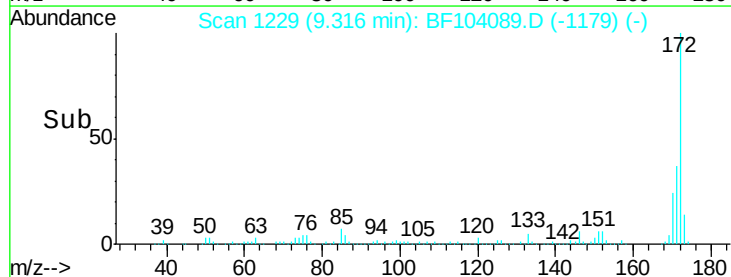
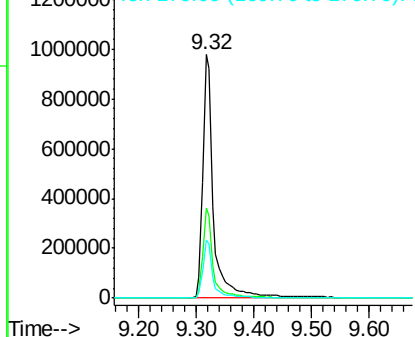


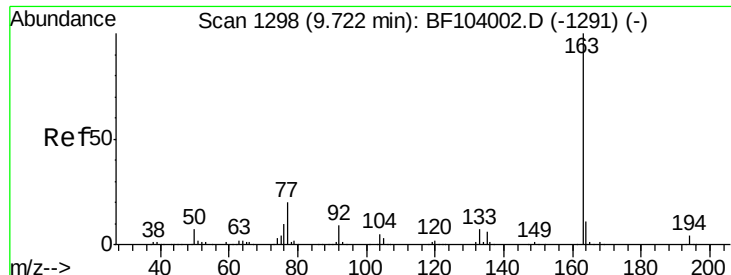
#44
 2-Fluorobiphenyl
 Concen: 110.477 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104089.D
 Acq: 30 Mar 2018 9:14

Tgt Ion:172 Resp: 1304688
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 23.9 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

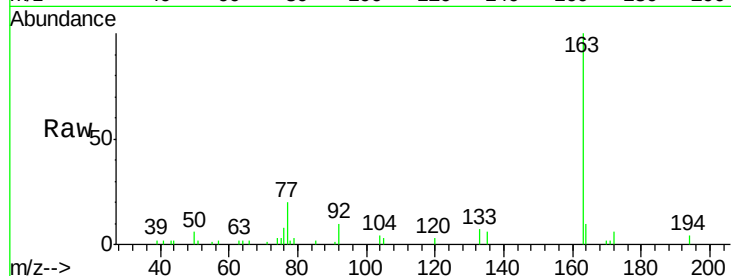




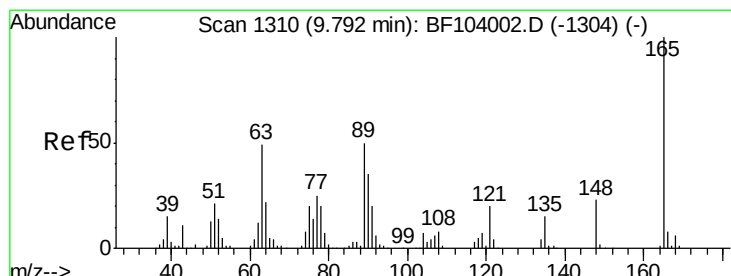
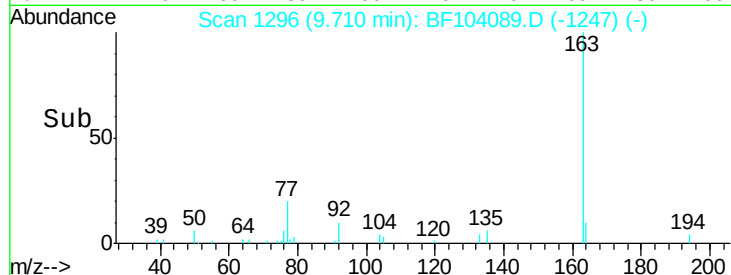
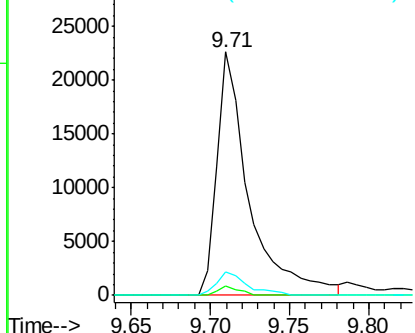
#49
Dimethylphthalate
Concen: 2.168 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104089.D
Acq: 30 Mar 2018 9:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 31879
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.6 8.2 12.2

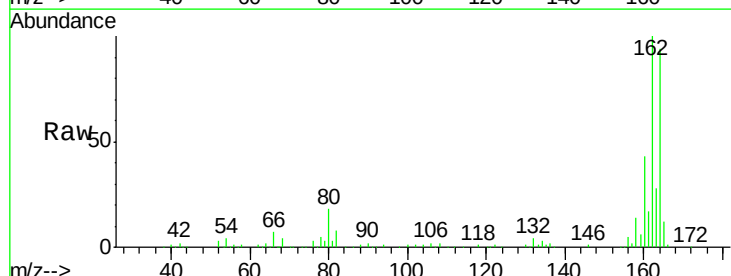


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

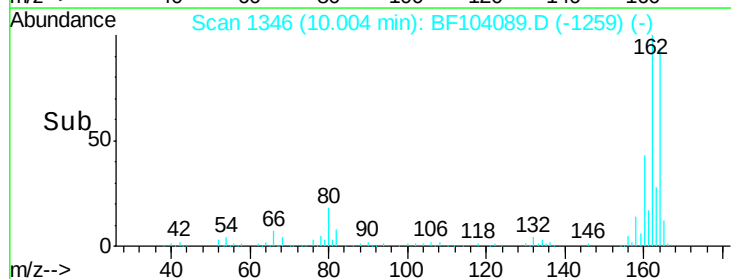
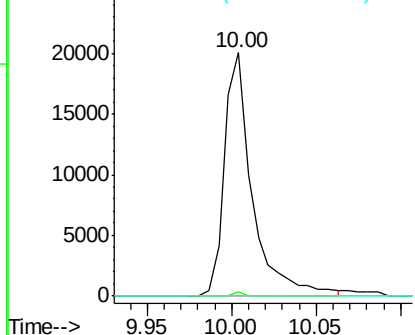


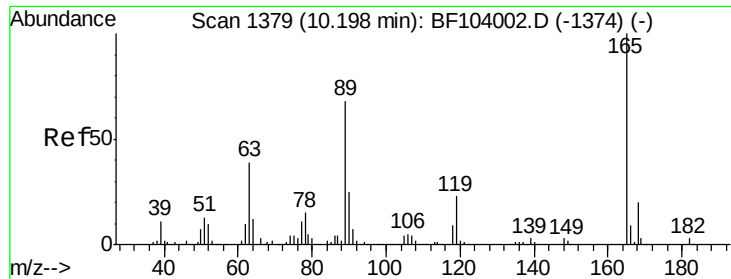
#50
2,6-Dinitrotoluene
Concen: 7.297 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104089.D
Acq: 30 Mar 2018 9:14

Tgt Ion:165 Resp: 23084
Ion Ratio Lower Upper
165 100
63 1.7 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

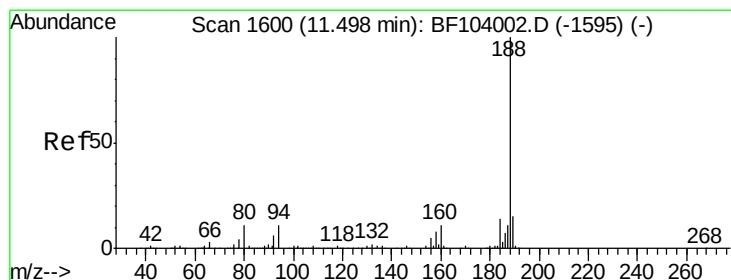
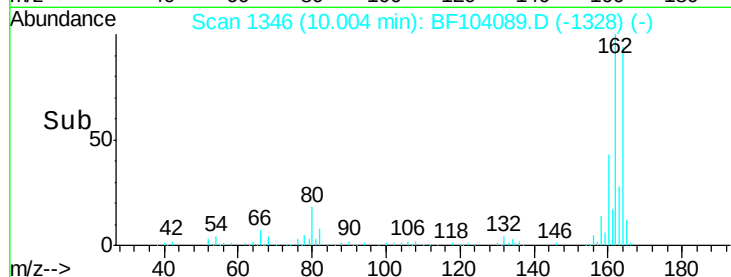
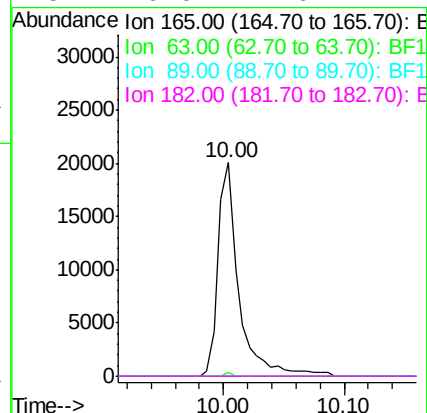
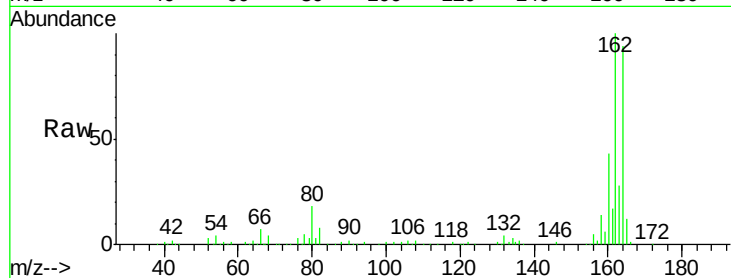




#56
 2,4-Dinitrotoluene
 Concen: 5.858 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.19 min
 Lab File: BF104089.D
 Acq: 30 Mar 2018 9:14

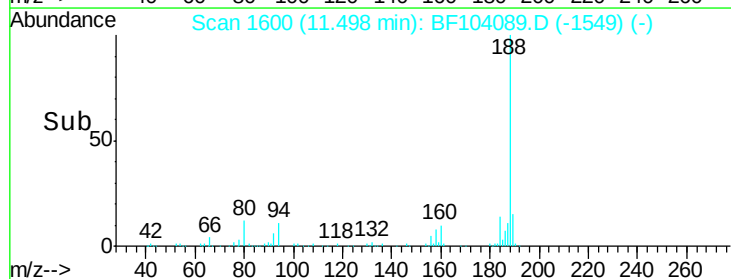
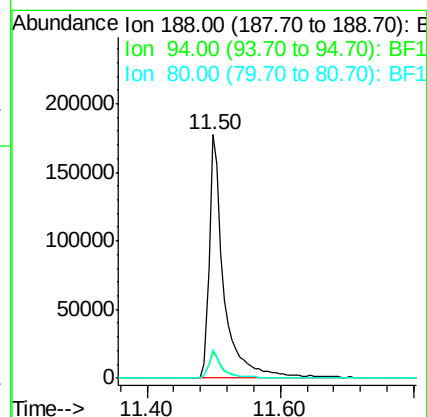
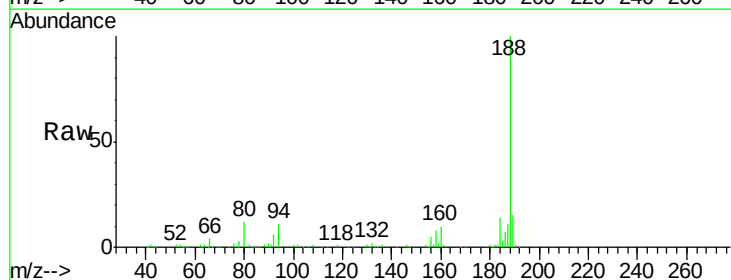
Instrument :
 BNA_F
 ClientSampleId :

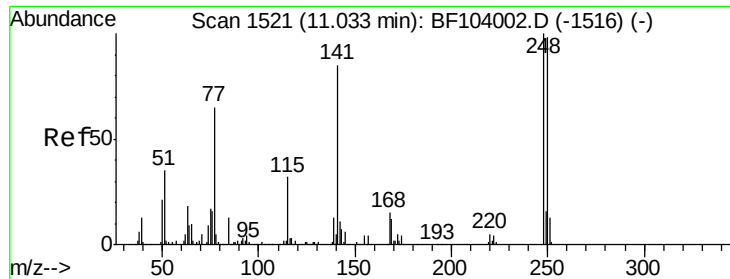
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF104089.D
 Acq: 30 Mar 2018 9:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.8	9.2	13.8

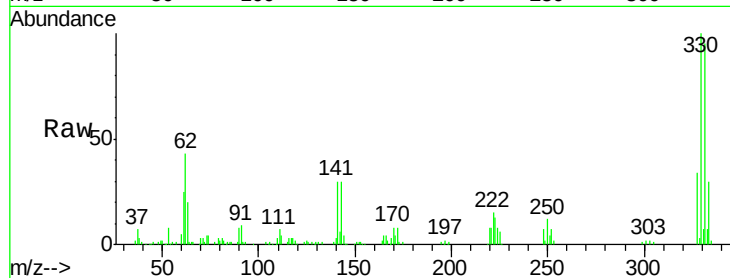




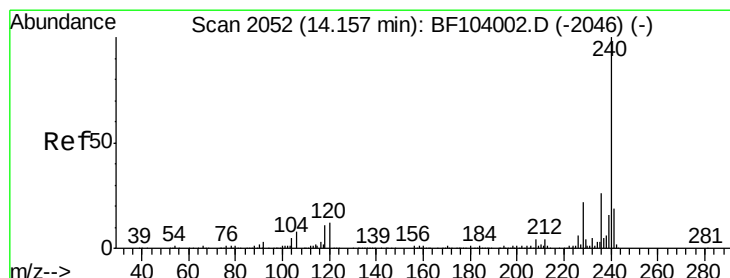
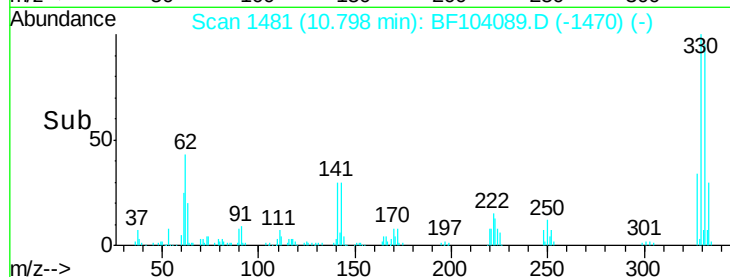
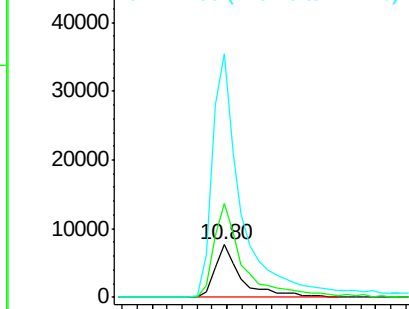
#66
4-Bromophenyl-phenylether
Concen: 3.264 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104089.D
Acq: 30 Mar 2018 9:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 9444
Ion Ratio Lower Upper
248 100
250 178.1 76.9 115.3#
141 462.5 74.4 111.6#

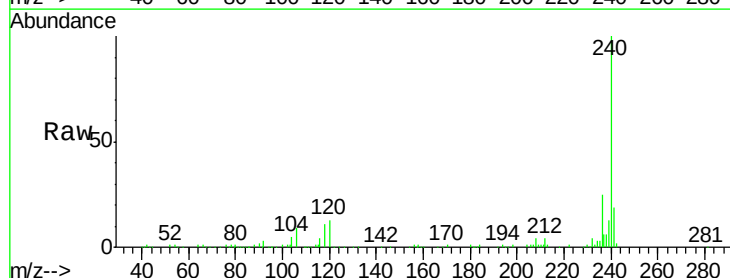


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

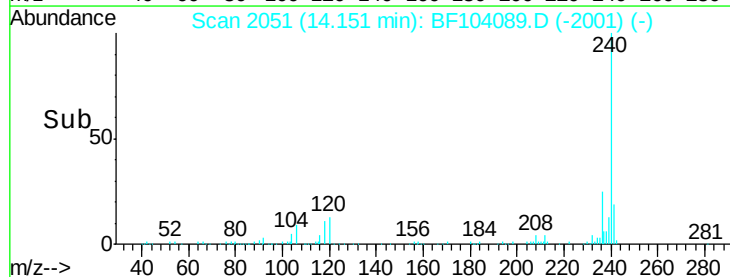
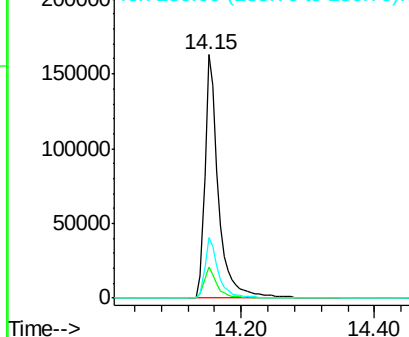


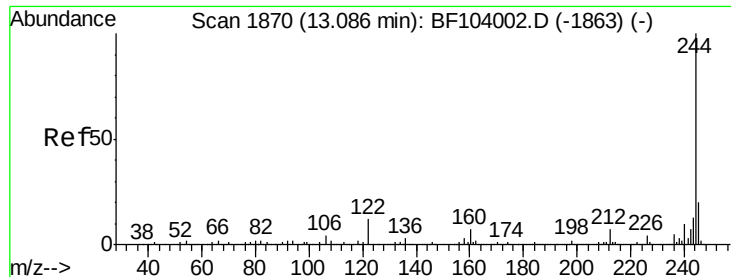
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104089.D
Acq: 30 Mar 2018 9:14

Tgt Ion:240 Resp: 228234
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 24.8 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: 82.369 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104089.D

Acq: 30 Mar 2018 9:14

Instrument :

BNA_F

ClientSampled :

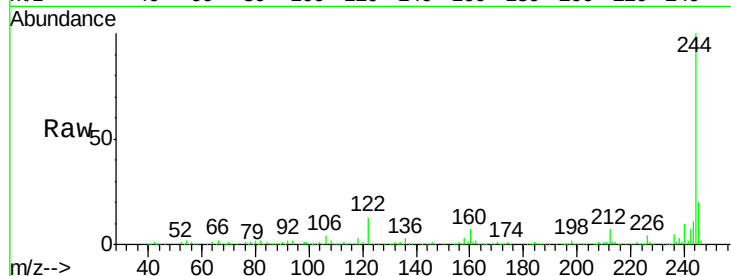
Tot Ion:244 Resp: 814197

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

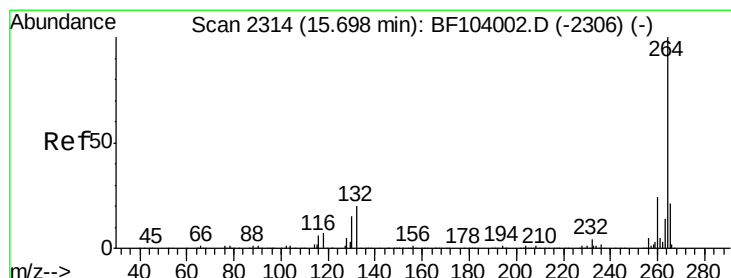
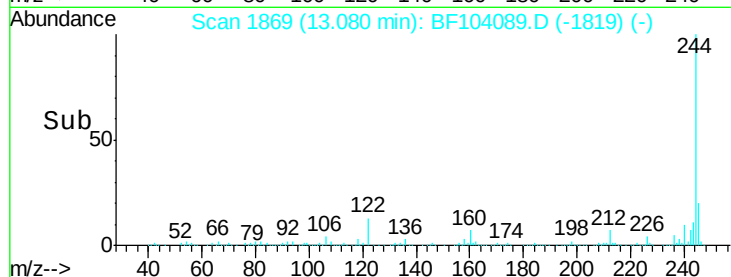
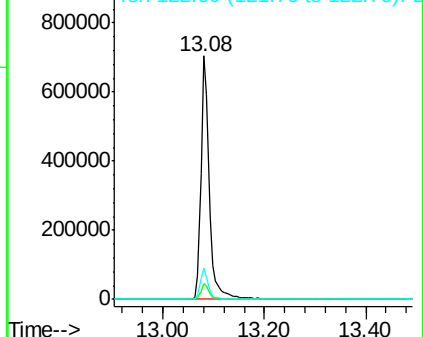
122 13.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BF104089.D

Acq: 30 Mar 2018 9:14

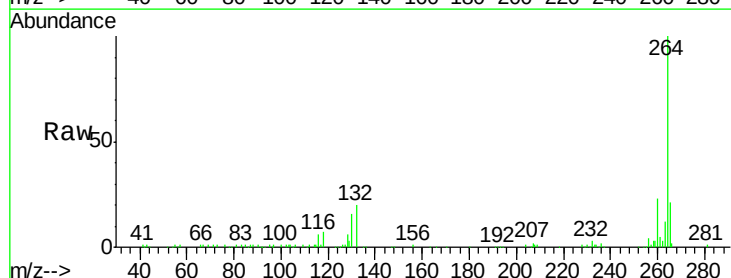
Tgt Ion:264 Resp: 222341

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.5 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

