

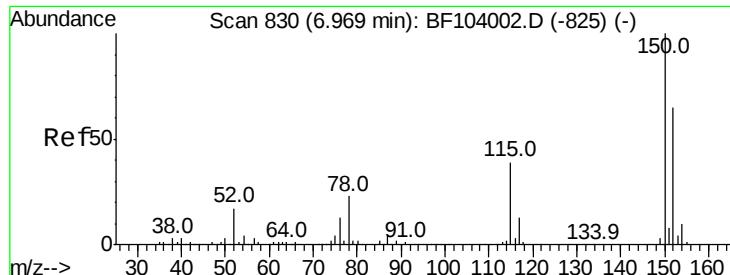
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104209.D
 Acq On : 4 Apr 2018 4:31
 Operator : JU/SJ
 Sample : J2183-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 05:14:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	109789	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	459457	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	224300	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	394755	20.00	ng	0.00
75) Chrysene-d12	14.15	240	255848	20.00	ng	0.00
86) Perylene-d12	15.69	264	238587	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	911821	132.45	ng	0.00
7) Phenol-d6	6.59	99	1235110	145.82	ng	0.00
23) Nitrobenzene-d5	7.53	82	746668	99.38	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	303573	121.55	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1274396	89.60	ng	0.00
78) Terphenyl-d14	13.08	244	1109285	100.11	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	19304	2.966	ng	88
19) n-Nitroso-di-n-propylamine	7.52	70	87281	17.364	ng	# 72
25) Isophorone	7.53	82	753784	54.442	ng	# 64
49) Dimethylphthalate	9.70	163	115997	6.550	ng	99
56) 2,4-Dinitrotoluene	10.00	165	27421	5.640	ng	# 23
66) 4-Bromophenyl-phenylether	10.79	248	18041	4.272	ng	# 1

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

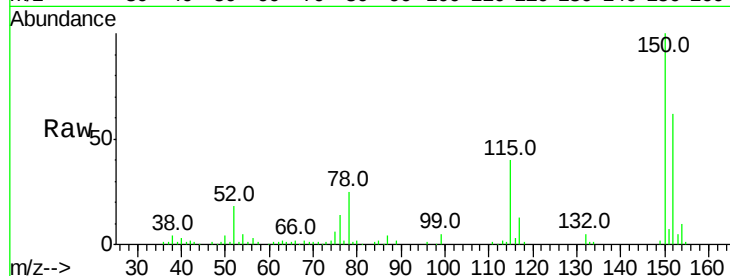


#1

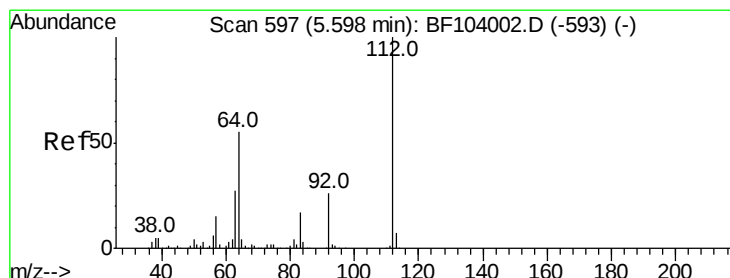
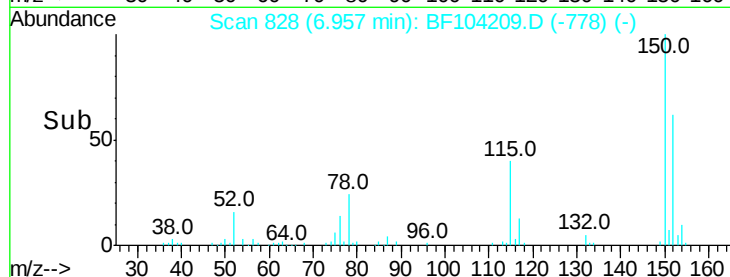
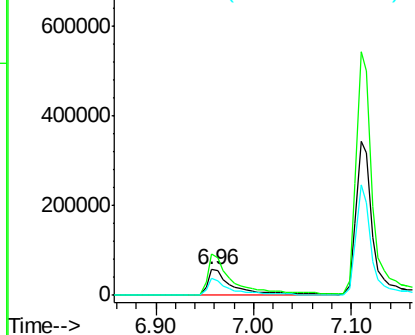
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104209.D
Acq: 4 Apr 2018 4:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109789
Ion Ratio Lower Upper
152 100
150 162.3 124.6 186.8
115 65.3 50.1 75.1



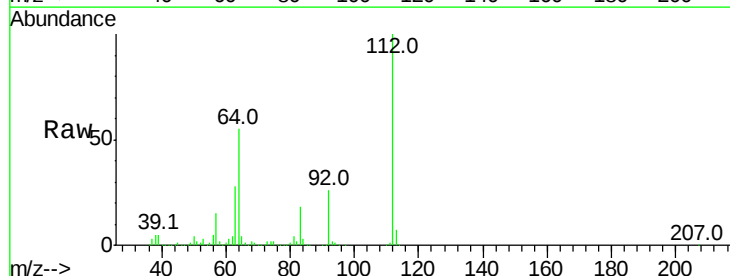
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



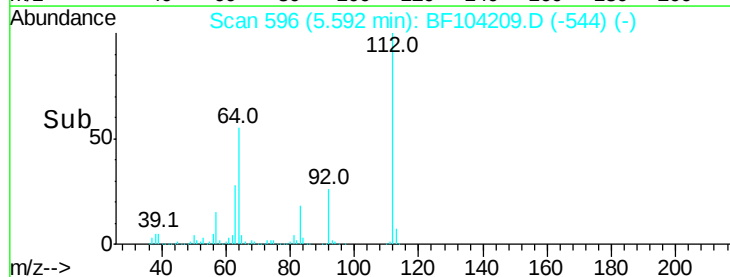
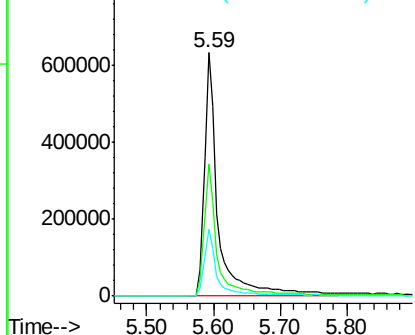
#5

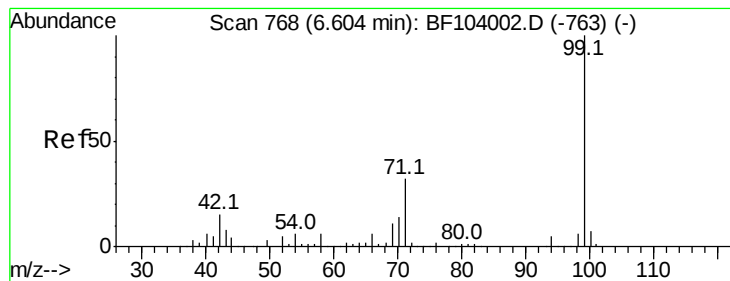
2-Fluorophenol
Concen: 132.447 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104209.D
Acq: 4 Apr 2018 4:31

Tgt Ion:112 Resp: 911821
Ion Ratio Lower Upper
112 100
64 54.6 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: 145.823 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104209.D

Acq: 4 Apr 2018 4:31

Instrument :

BNA_F

ClientSampled :

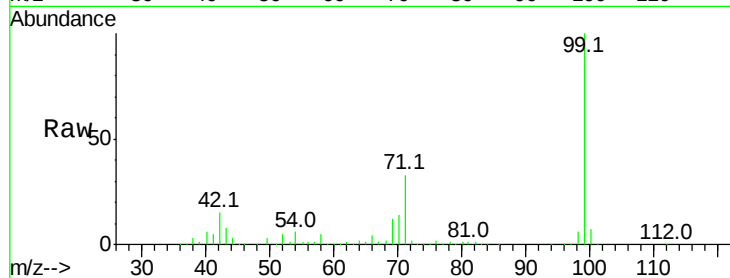
Tot Ion: 99 Resp: 1235110

Ion Ratio Lower Upper

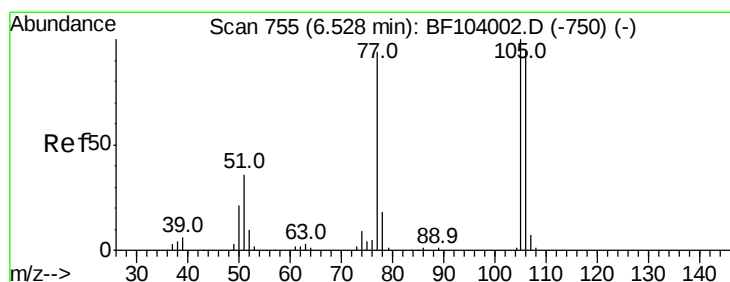
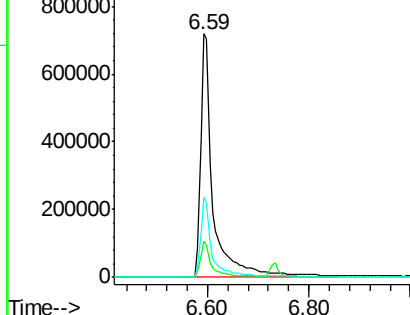
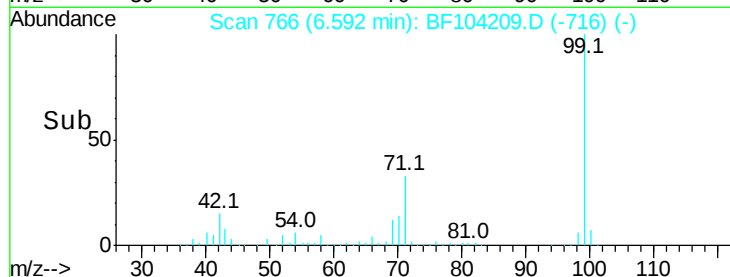
99 100

42 15.0 14.5 21.7

71 32.8 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



#9

Benzaldehyde

Concen: 2.966 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.21 min

Lab File: BF104209.D

Acq: 4 Apr 2018 4:31

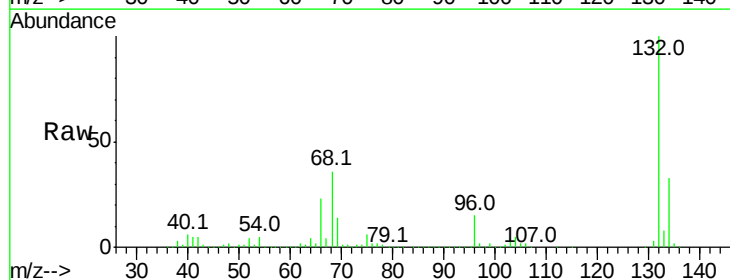
Tgt Ion: 77 Resp: 19304

Ion Ratio Lower Upper

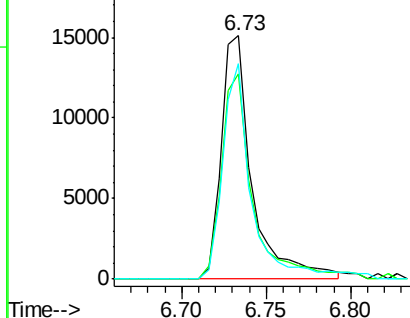
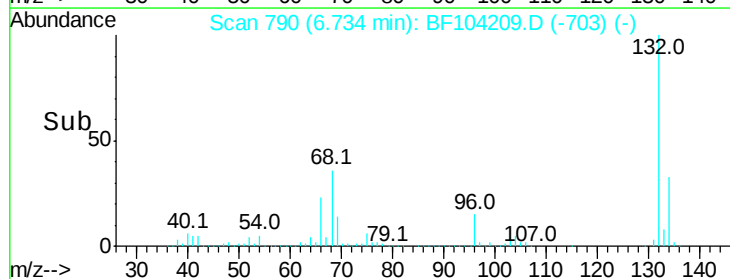
77 100

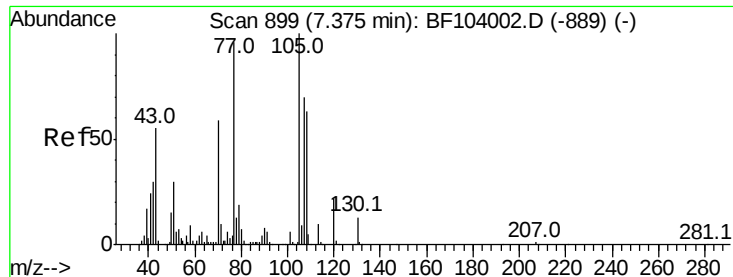
105 84.5 81.1 121.1

106 88.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

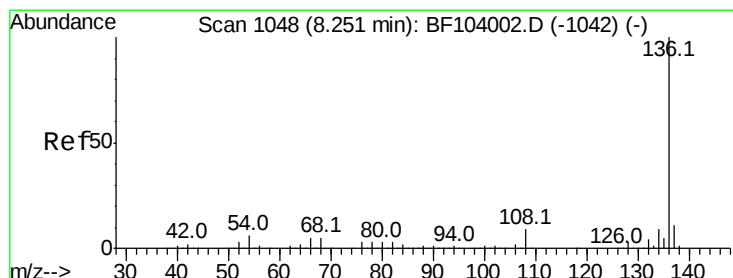
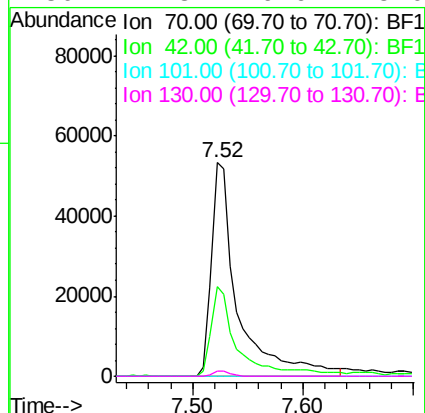
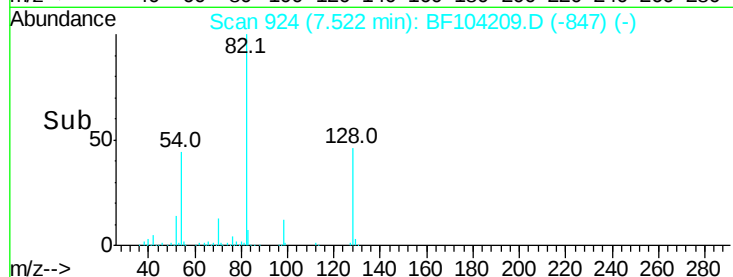
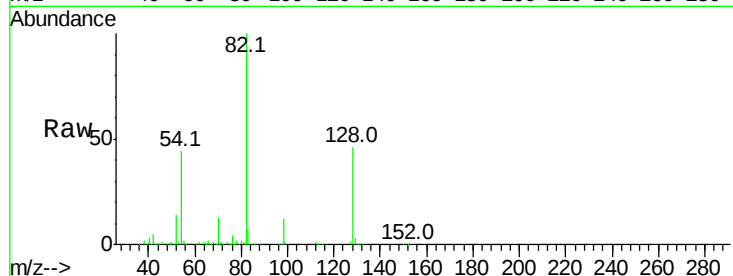




#19
n-Nitroso-di-n-propylamine
Concen: 17.364 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.15 min
Lab File: BF104209.D
Acq: 4 Apr 2018 4:31

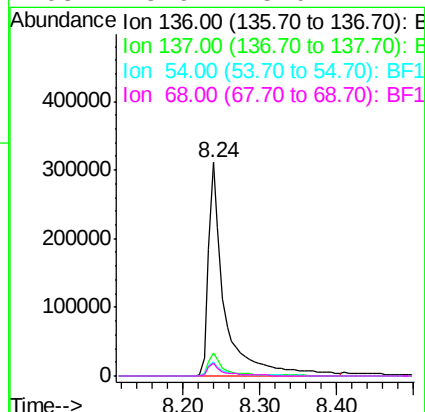
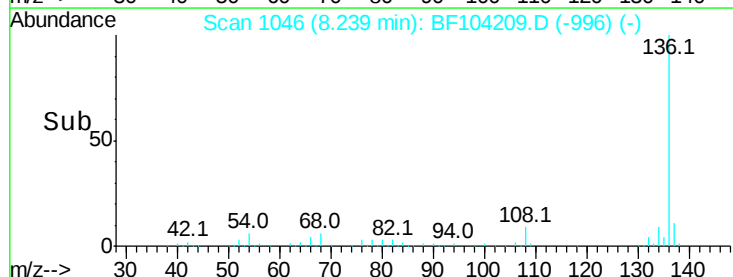
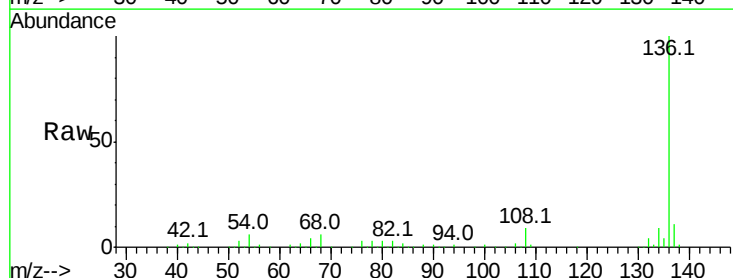
Instrument :
BNA_F
ClientSampleId :

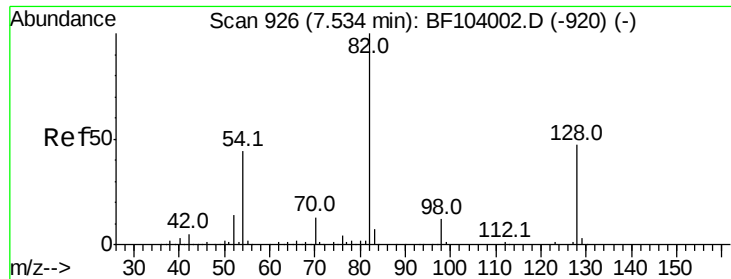
Tot Ion: 70 Resp: 87281
Ion Ratio Lower Upper
70 100
42 41.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104209.D
Acq: 4 Apr 2018 4:31

Tgt Ion: 136 Resp: 459457
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.4 6.6 9.8#
68 5.9 5.0 7.4

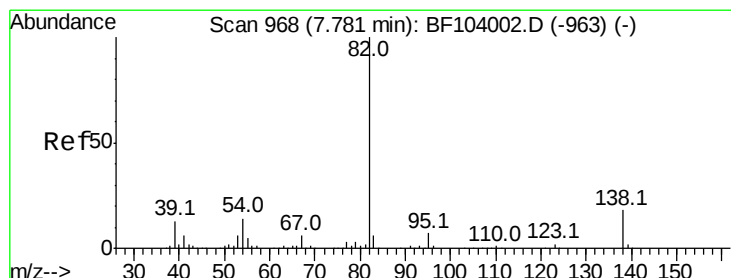
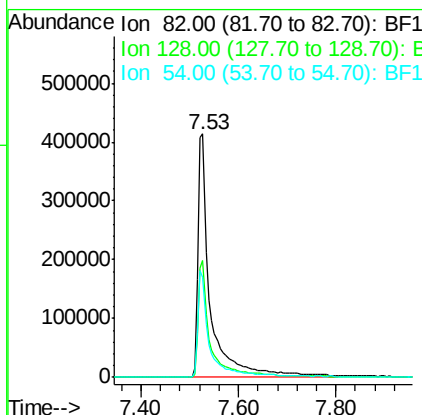
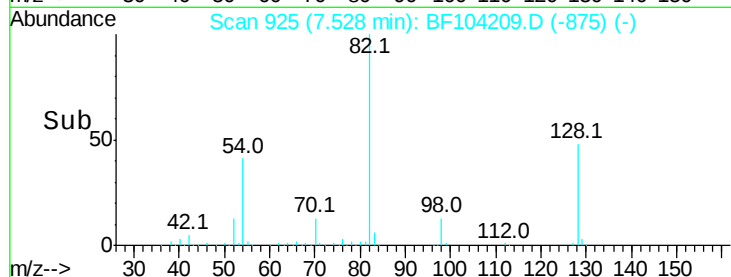
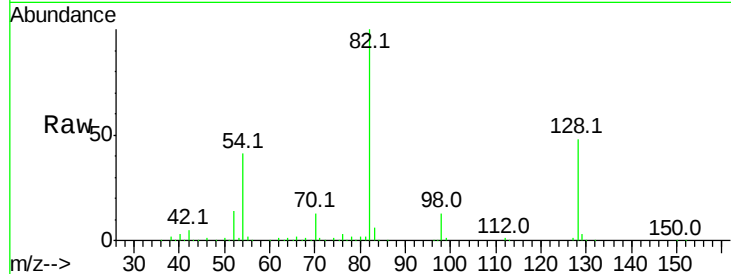




#23
 Nitrobenzene-d5
 Concen: 99.384 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF104209.D
 Acq: 4 Apr 2018 4:31

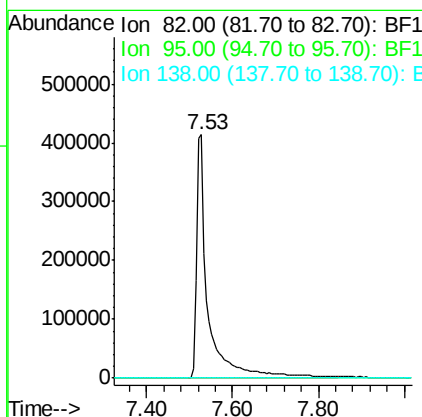
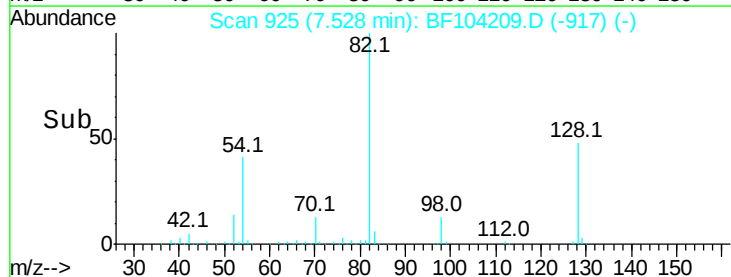
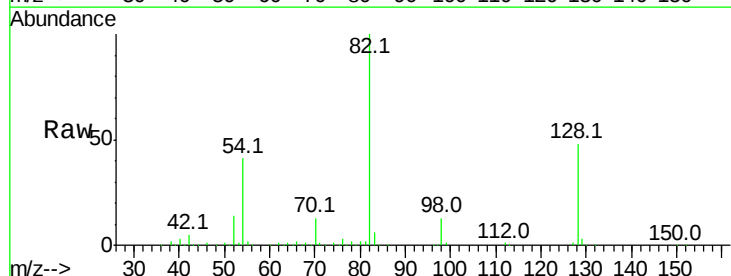
Instrument :
 BNA_F
 ClientSampled :

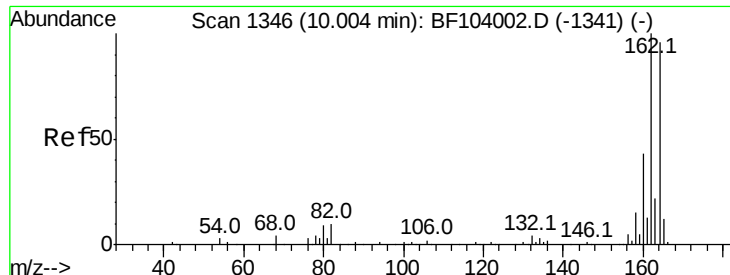
Tot Ion	82	Resp	746668
Ion Ratio	Lower	Upper	
82	100		
128	48.0	36.1	54.1
54	41.0	41.4	62.2#



#25
 Isophorone
 Concen: 54.442 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.25 min
 Lab File: BF104209.D
 Acq: 4 Apr 2018 4:31

Tgt Ion	82	Resp	753784
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

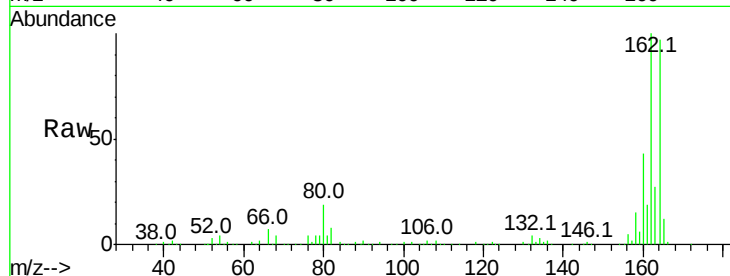




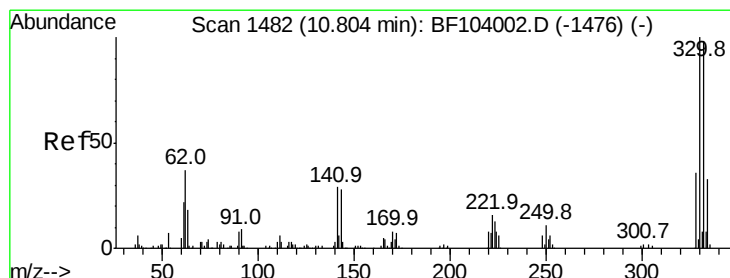
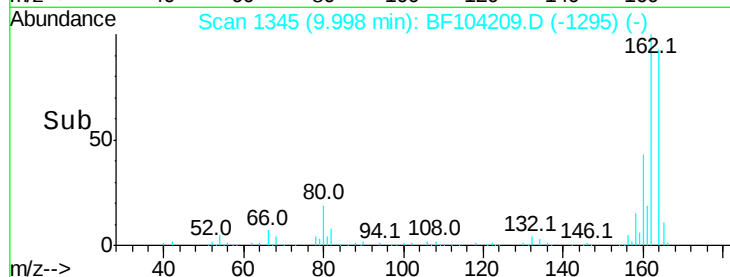
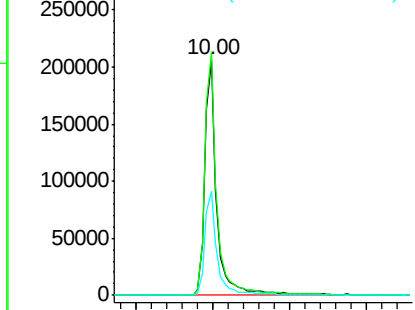
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF104209.D
 Acq: 4 Apr 2018 4:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 224300
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 44.4 38.3 57.5

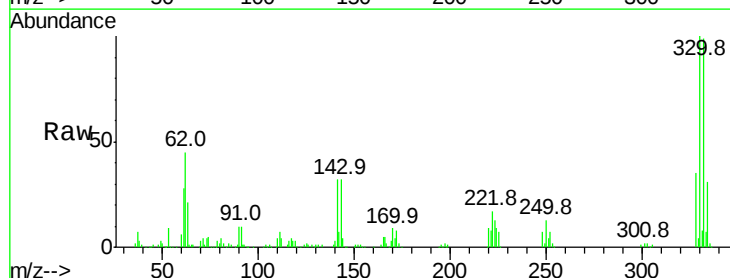


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

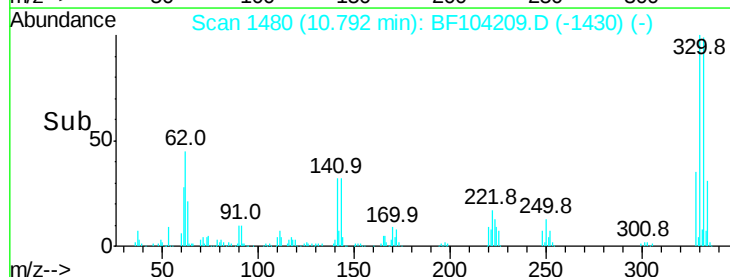
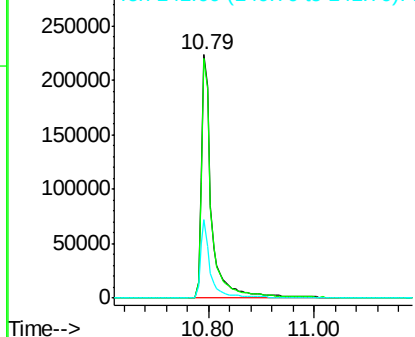


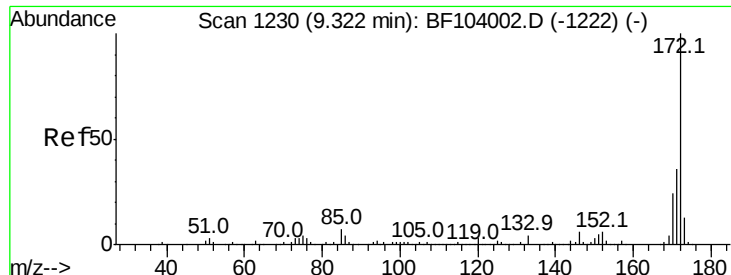
#41
 2,4,6-Tribromophenol
 Concen: 121.547 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104209.D
 Acq: 4 Apr 2018 4:31

Tgt Ion:330 Resp: 303573
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 31.6 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



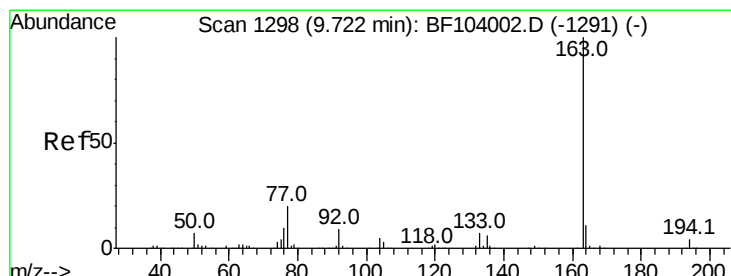
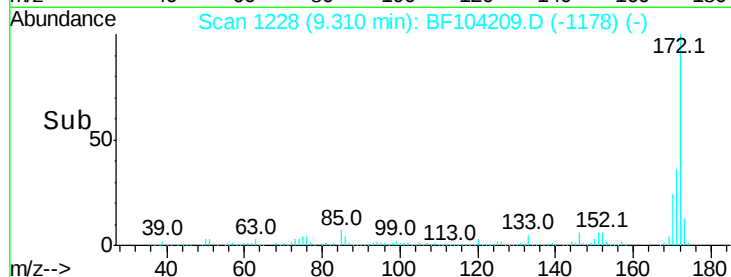
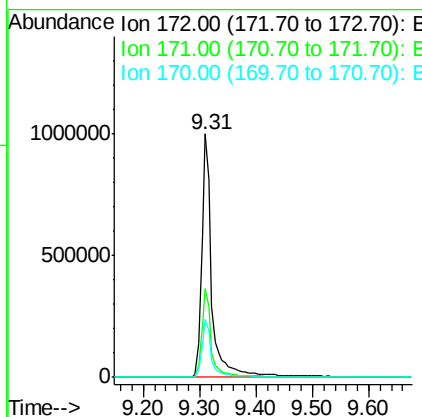
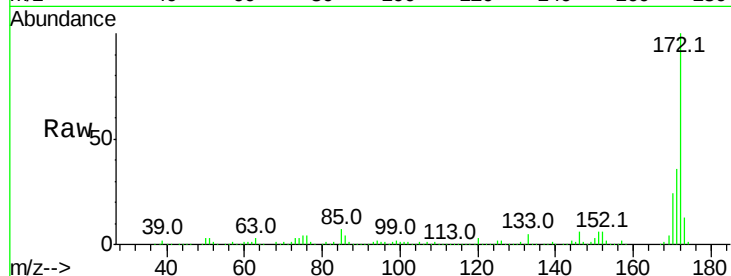


#44
 2-Fluorobiphenyl
 Concen: 89.595 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104209.D
 Acq: 4 Apr 2018 4:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1274396

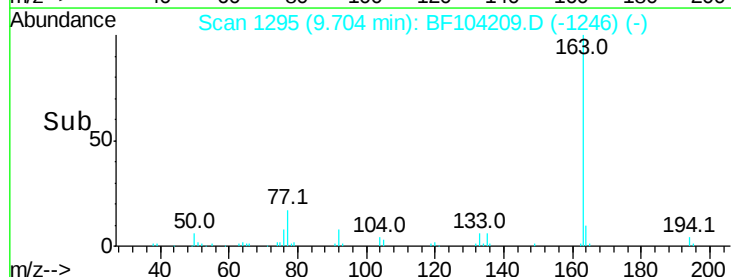
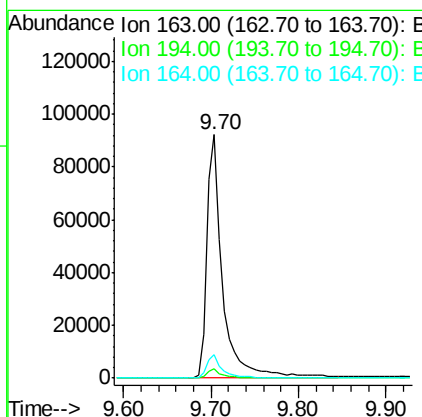
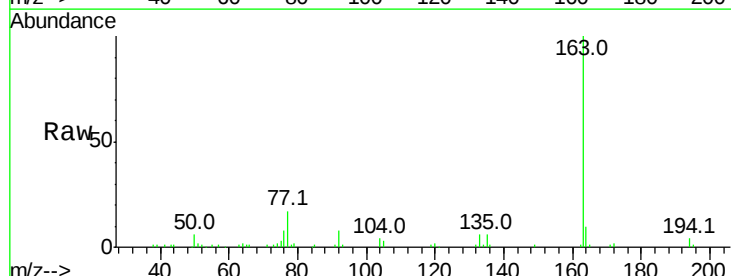
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.6	19.6	29.4

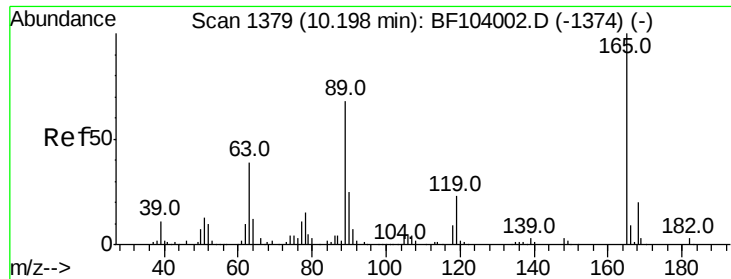


#49
 Dimethylphthalate
 Concen: 6.550 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF104209.D
 Acq: 4 Apr 2018 4:31

Tgt Ion:163 Resp: 115997

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.8	8.2	12.2

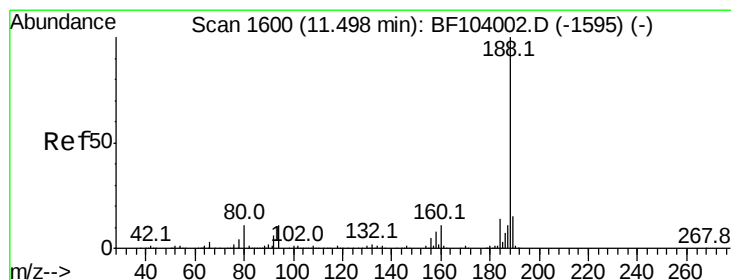
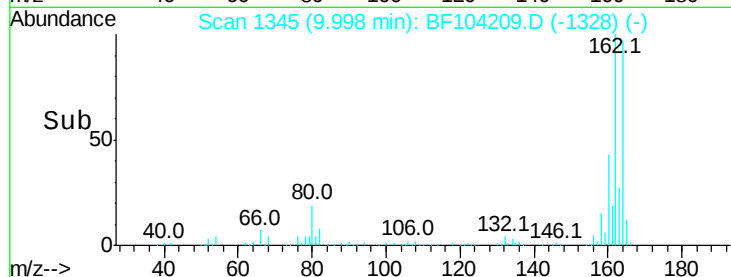
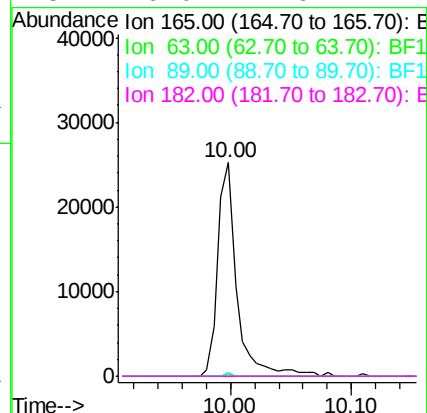
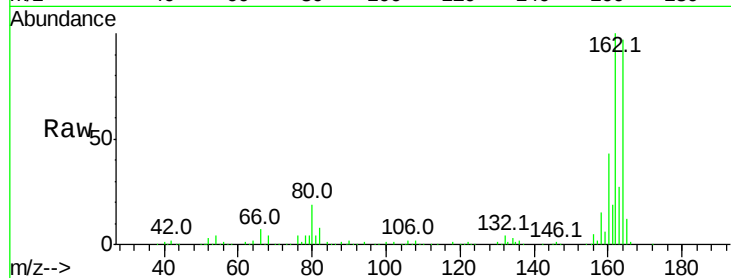




#56
 2,4-Dinitrotoluene
 Concen: 5.640 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.20 min
 Lab File: BF104209.D
 Acq: 4 Apr 2018 4:31

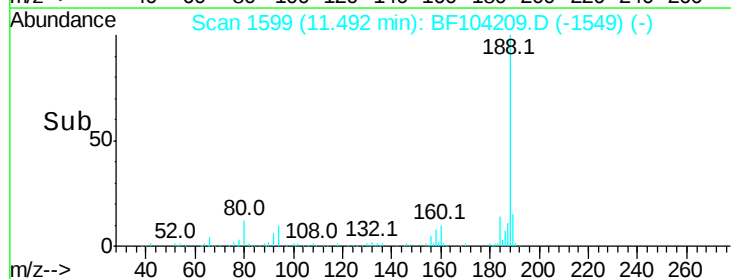
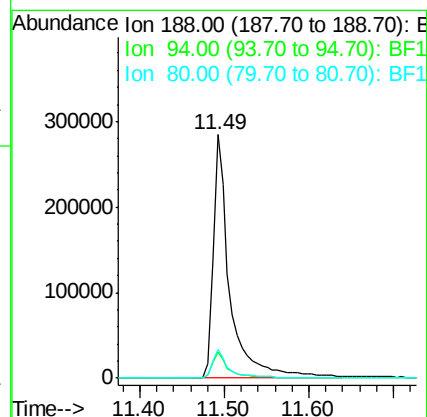
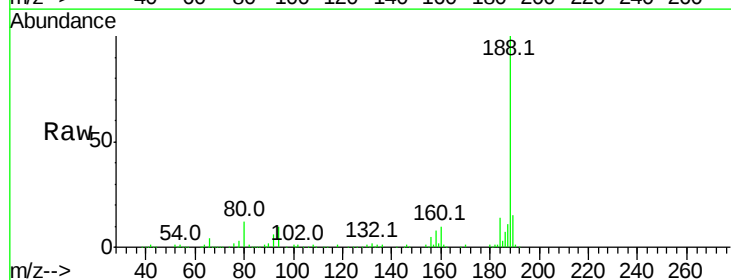
Instrument :
 BNA_F
 ClientSampleId :

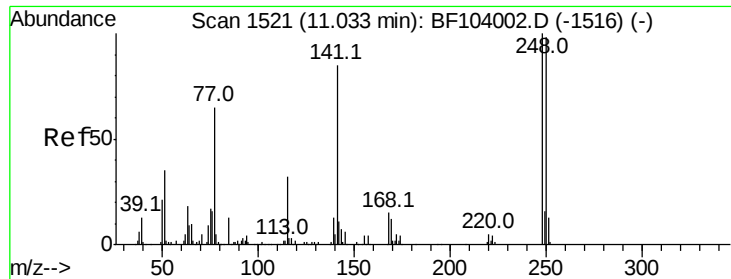
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF104209.D
 Acq: 4 Apr 2018 4:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.5	9.2	13.8

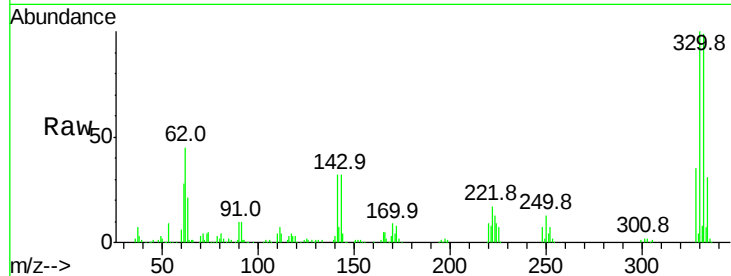




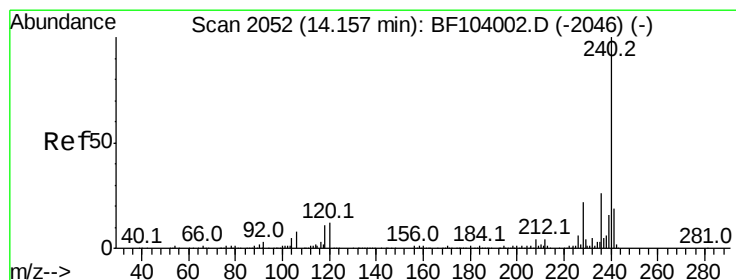
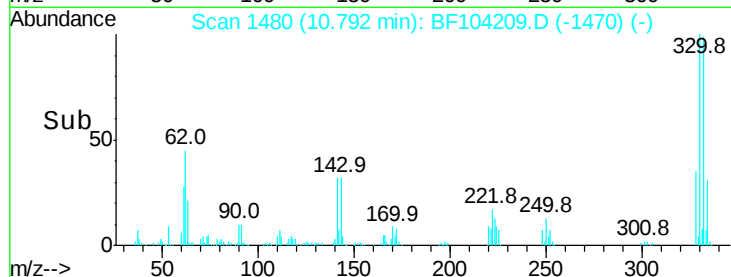
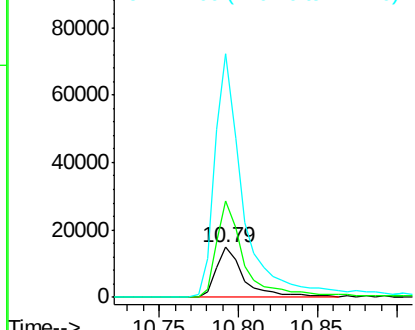
#66
4-Bromophenyl-phenylether
Concen: 4.272 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF104209.D
Acq: 4 Apr 2018 4:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 18041
Ion Ratio Lower Upper
248 100
250 192.3 76.9 115.3#
141 488.5 74.4 111.6#

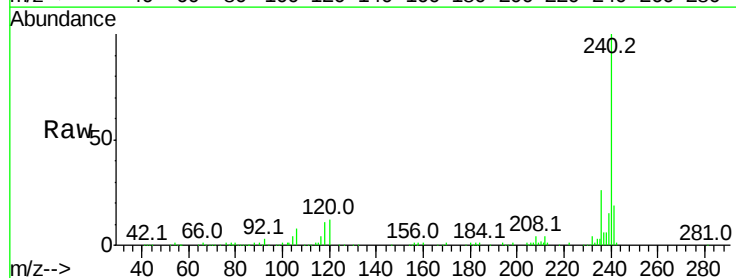


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

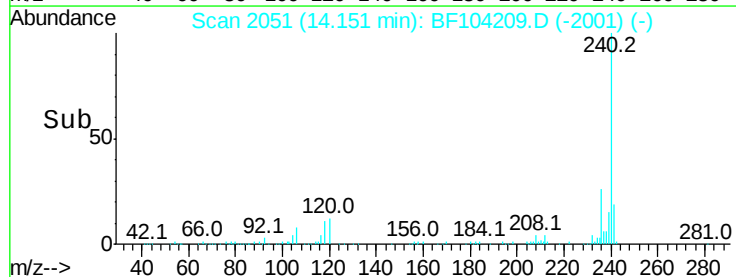
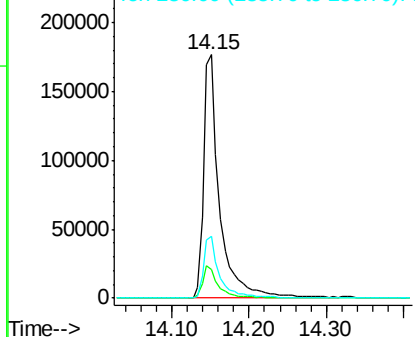


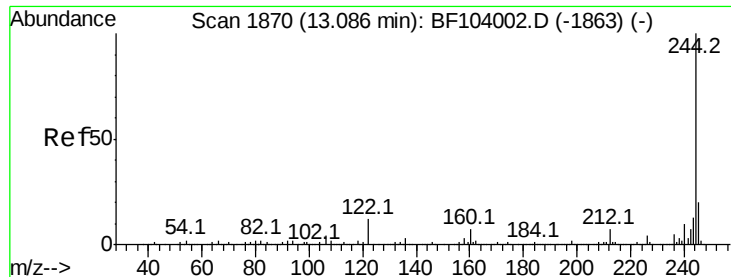
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104209.D
Acq: 4 Apr 2018 4:31

Tgt Ion:240 Resp: 255848
Ion Ratio Lower Upper
240 100
120 11.9 9.5 14.3
236 25.7 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: 100.110 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104209.D

Acq: 4 Apr 2018 4:31

Instrument :

BNA_F

ClientSampleId :

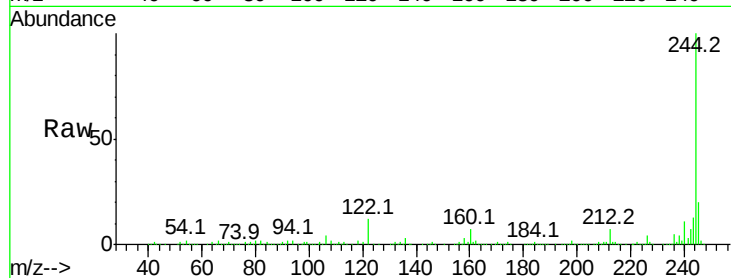
Tot Ion:244 Resp: 1109285

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

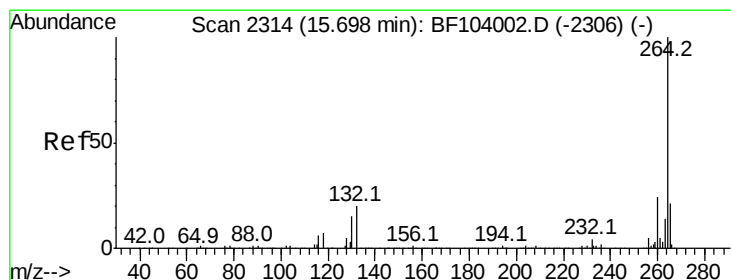
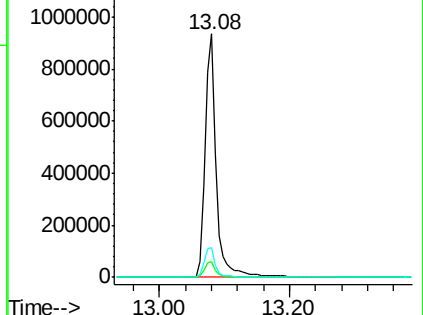
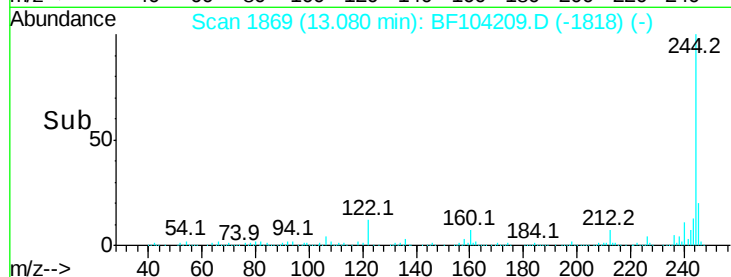
122 12.0 11.0 16.4



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# 2312

Delta R.T. -0.01 min

Lab File: BF104209.D

Acq: 4 Apr 2018 4:31

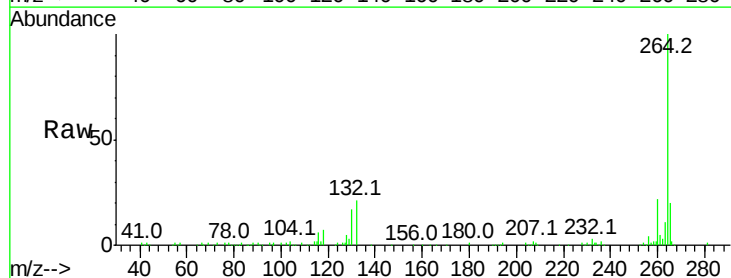
Tgt Ion:264 Resp: 238587

Ion Ratio Lower Upper

264 100

260 21.8 19.2 28.8

265 20.0 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

