

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104105.D
 Acq On : 30 Mar 2018 20:54
 Operator : JU/SJ
 Sample : PB107829BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 23:09:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

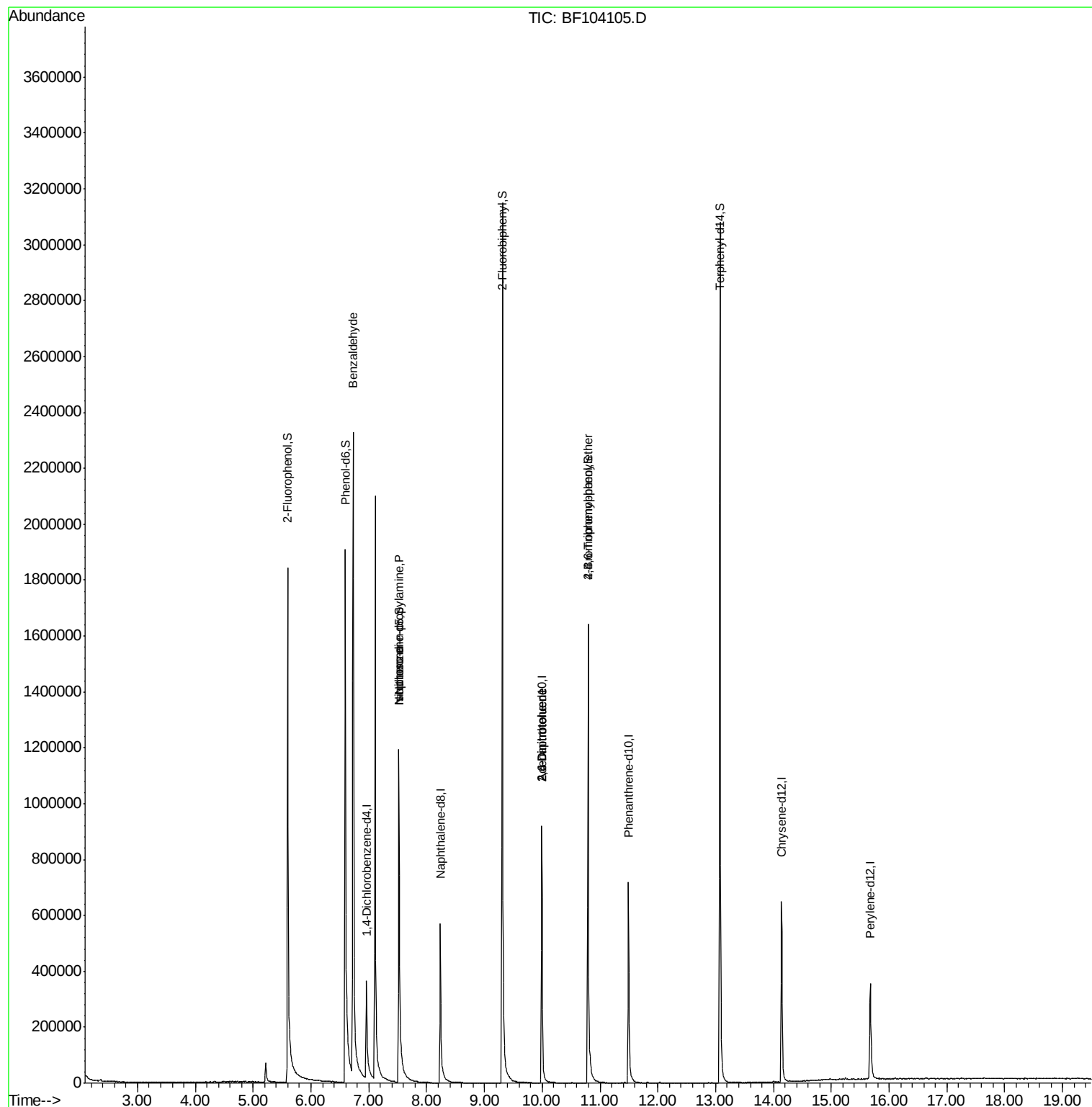
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	107954	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	471044	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	227842	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	421164	20.00	ng	0.00
75) Chrysene-d12	14.14	240	300115	20.00	ng	0.00
86) Perylene-d12	15.67	264	230084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	868332	128.27	ng	0.02
7) Phenol-d6	6.59	99	1140423	136.93	ng	0.00
23) Nitrobenzene-d5	7.52	82	685740	89.03	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	304894	120.18	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1338736	92.66	ng	0.00
78) Terphenyl-d14	13.07	244	1336446	102.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	18309	2.841	ng	85
19) n-Nitroso-di-n-propylamine	7.52	70	82727	16.738	ng	# 75
25) Isophorone	7.52	82	685740	48.309	ng	# 64
50) 2,6-Dinitrotoluene	9.99	165	27180	7.023	ng	# 25
56) 2,4-Dinitrotoluene	9.99	165	27463	5.561	ng	# 23
66) 4-Bromophenyl-phenylether	10.79	248	18537	4.114	ng	# 1

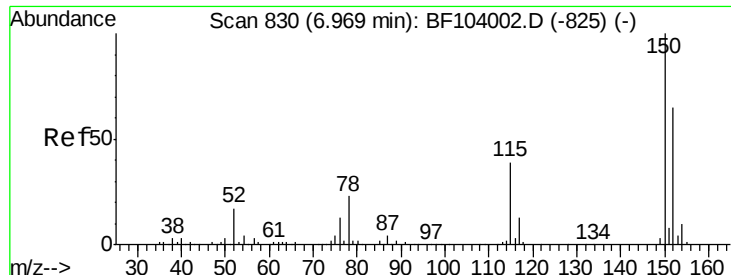
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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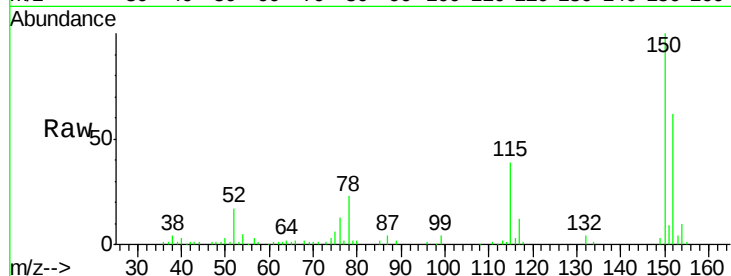


#1

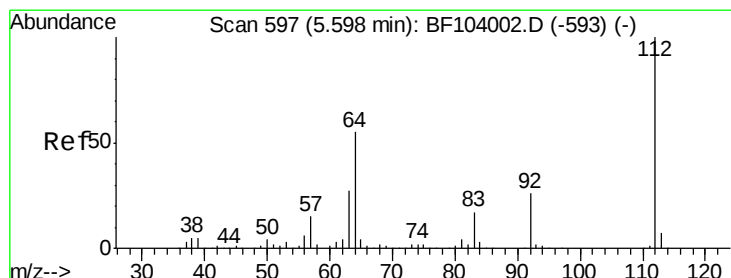
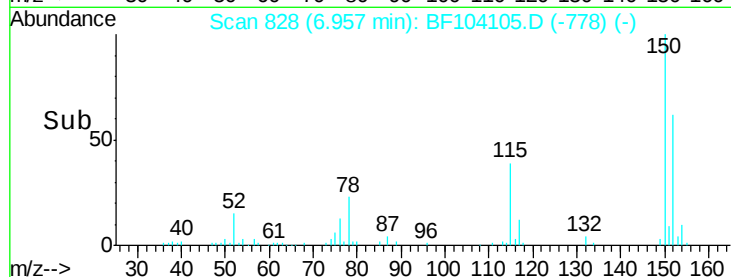
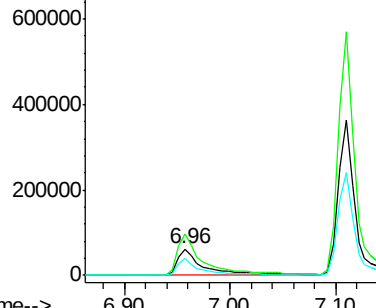
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF104105.D
 Acq: 30 Mar 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 107954
 Ion Ratio Lower Upper
 152 100
 150 160.0 124.6 186.8
 115 63.2 50.1 75.1



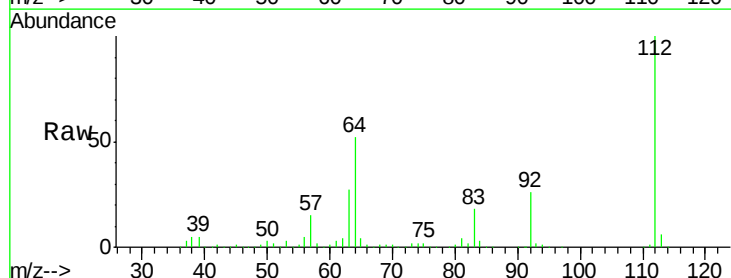
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



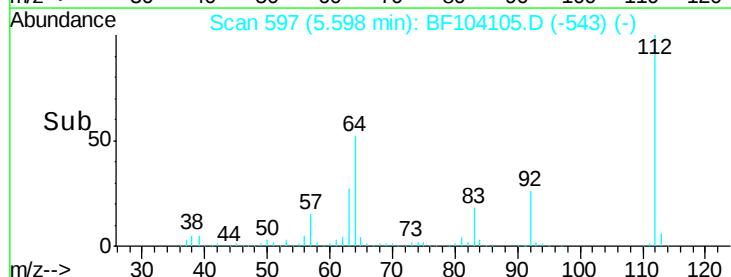
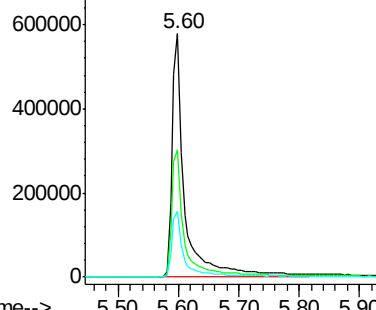
#5

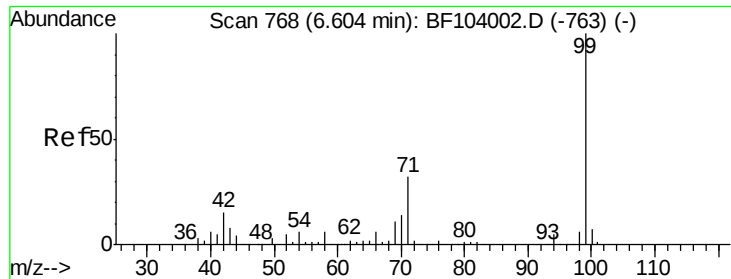
2-Fluorophenol
 Concen: 128.274 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.02 min
 Lab File: BF104105.D
 Acq: 30 Mar 2018 20:54

Tgt Ion:112 Resp: 868332
 Ion Ratio Lower Upper
 112 100
 64 52.4 47.9 71.9
 63 27.1 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: 136.933 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104105.D

Acq: 30 Mar 2018 20:54

Instrument :

BNA_F

ClientSampled :

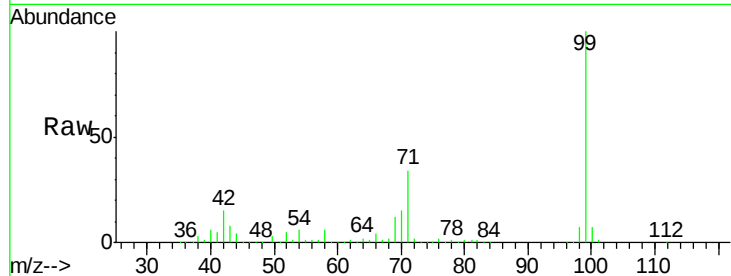
Tot Ion: 99 Resp: 1140423

Ion Ratio Lower Upper

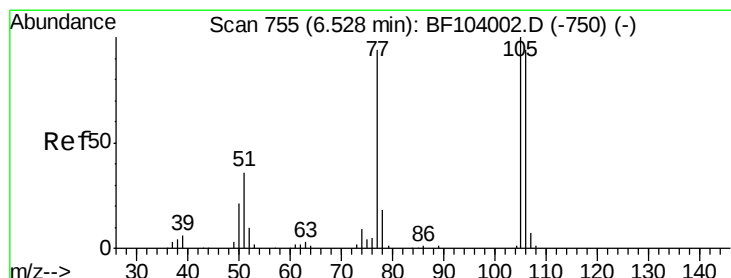
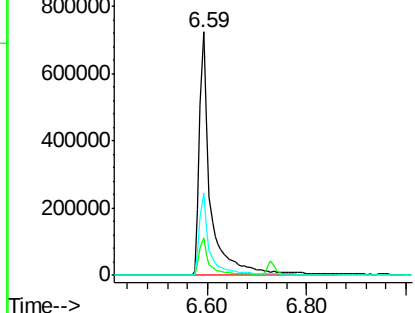
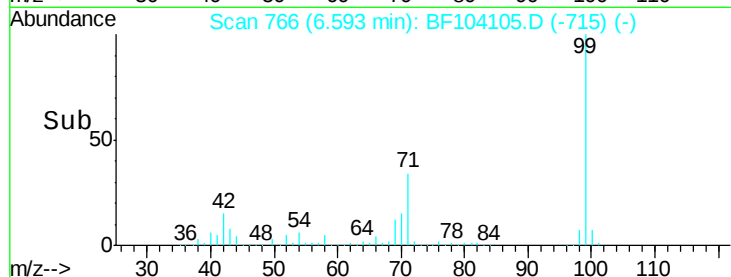
99 100

42 15.2 14.5 21.7

71 33.9 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



#9

Benzaldehyde

Concen: 2.841 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.21 min

Lab File: BF104105.D

Acq: 30 Mar 2018 20:54

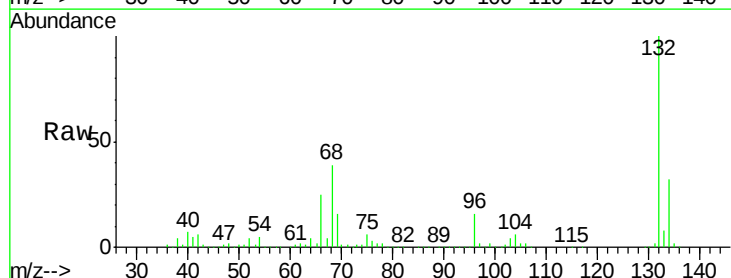
Tgt Ion: 77 Resp: 18309

Ion Ratio Lower Upper

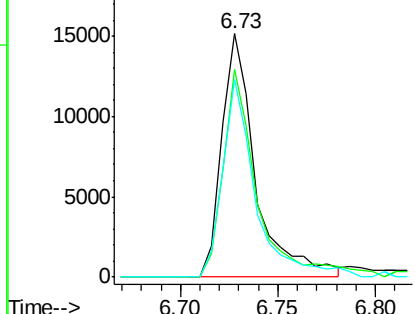
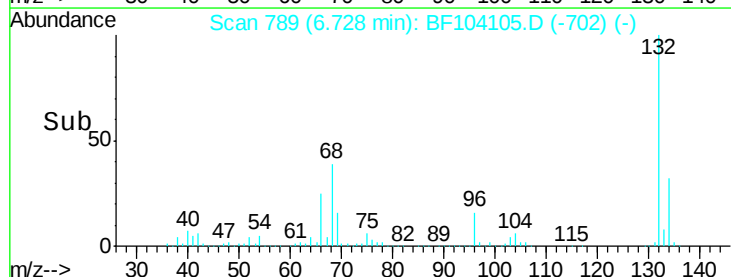
77 100

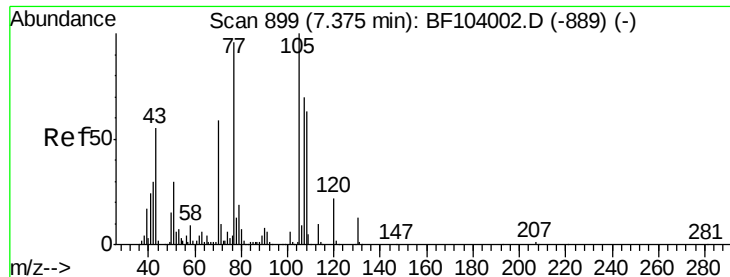
105 85.6 81.1 121.1

106 81.1 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

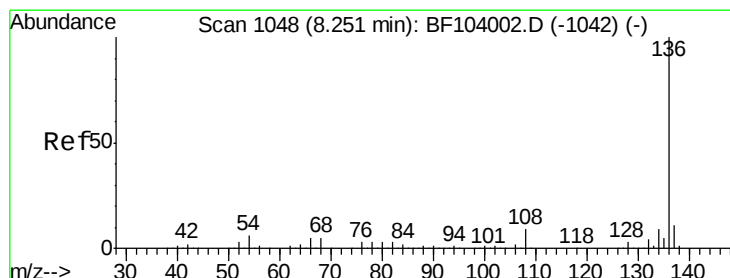
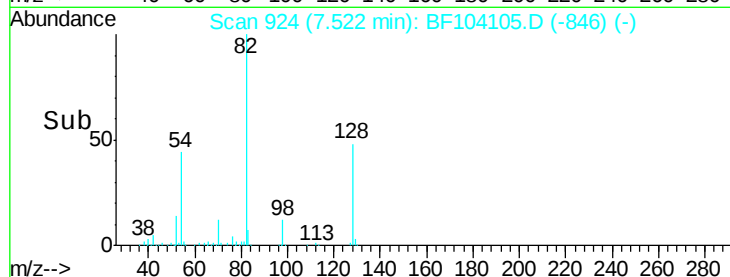
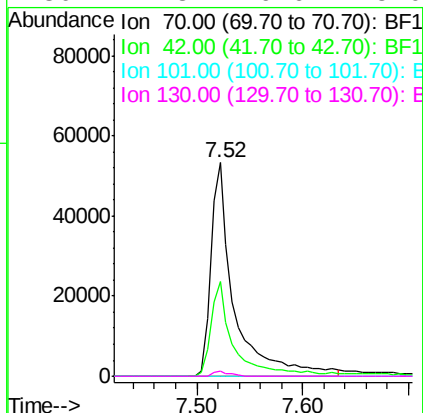
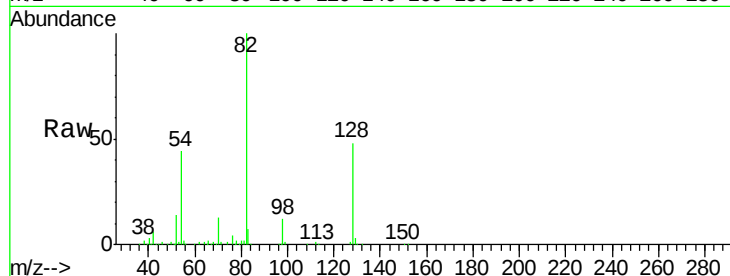




#19
n-Nitroso-di-n-propylamine
Concen: 16.738 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

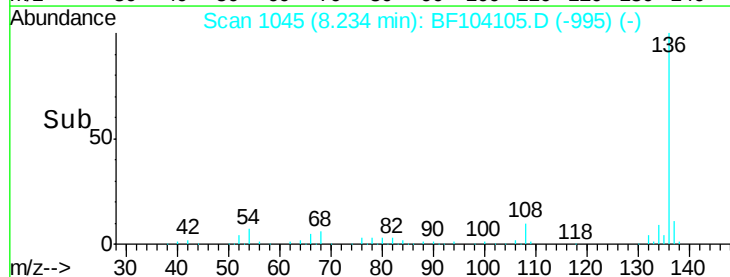
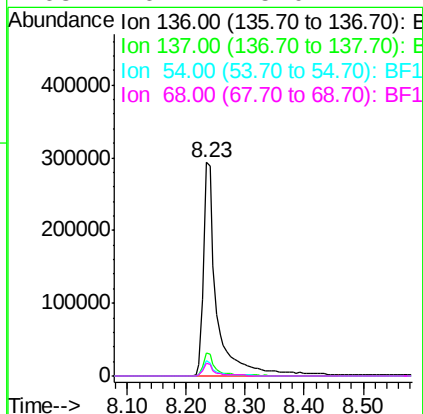
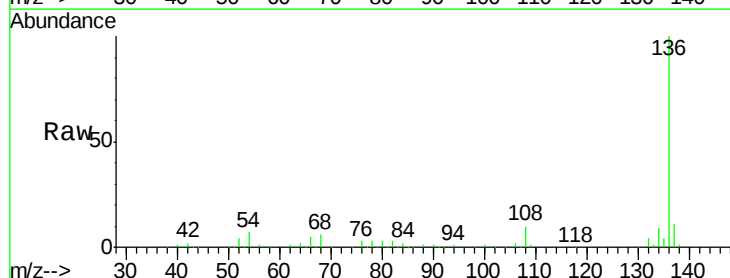
Instrument :
BNA_F
ClientSampleId :

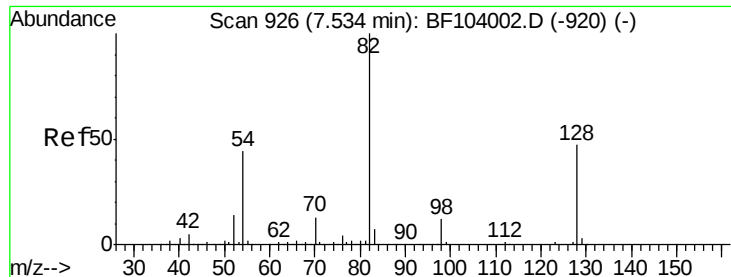
Tot Ion: 70 Resp: 82727
Ion Ratio Lower Upper
70 100
42 44.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Tgt Ion:136 Resp: 471044
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.2 6.6 9.8
68 6.2 5.0 7.4

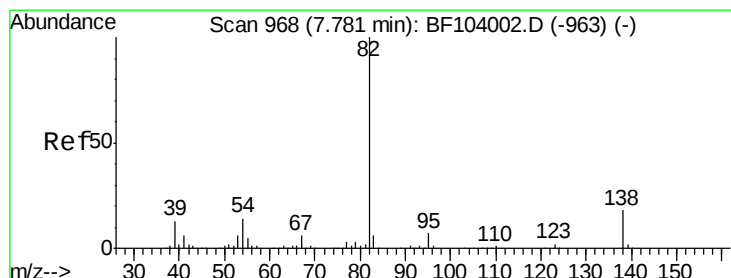
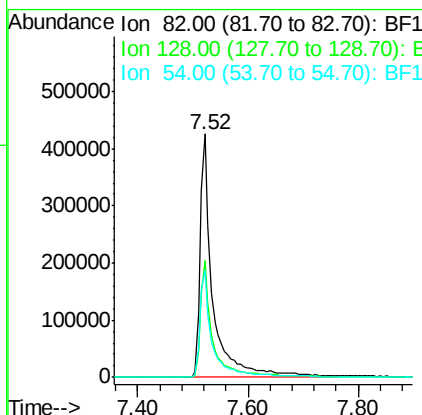
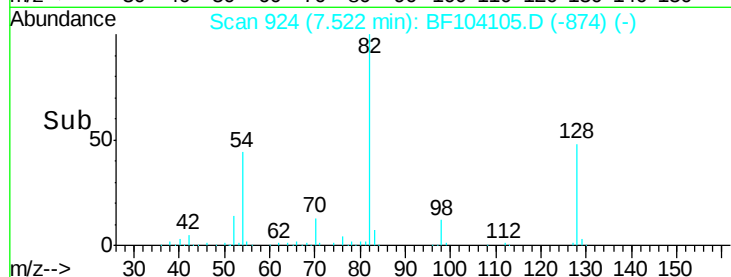
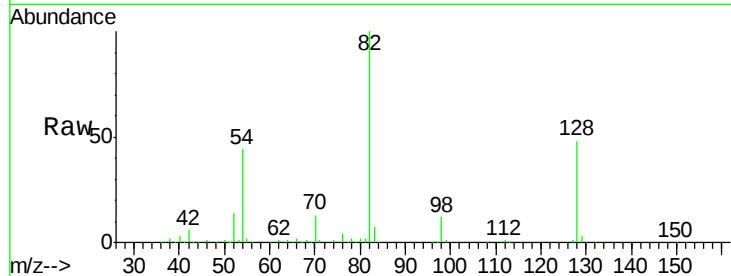




#23
Nitrobenzene-d5
Concen: 89.029 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

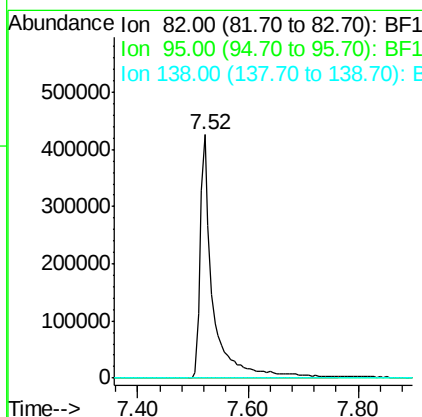
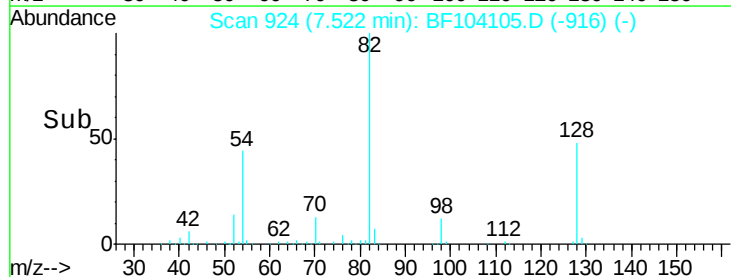
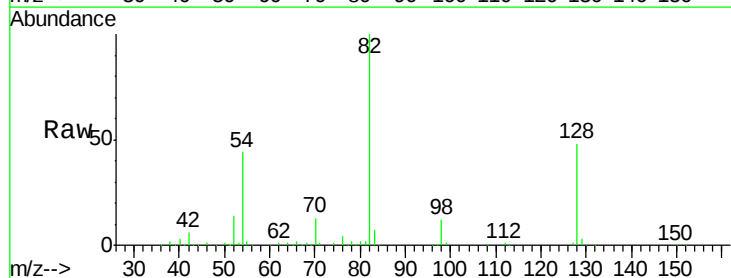
Instrument :
BNA_F
ClientSampleId :

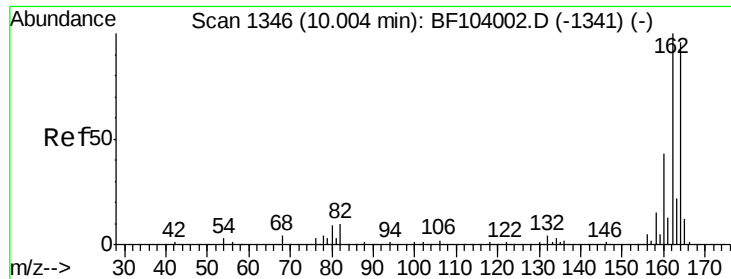
Tot Ion	82	Resp	685740
Ion Ratio	Lower	Upper	
82	100		
128	47.9	36.1	54.1
54	43.7	41.4	62.2



#25
Isophorone
Concen: 48.309 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Tgt Ion	82	Resp	685740
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

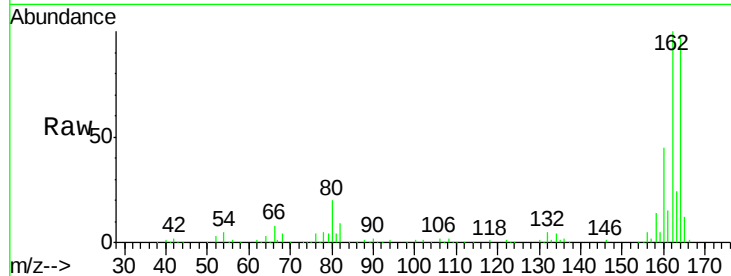




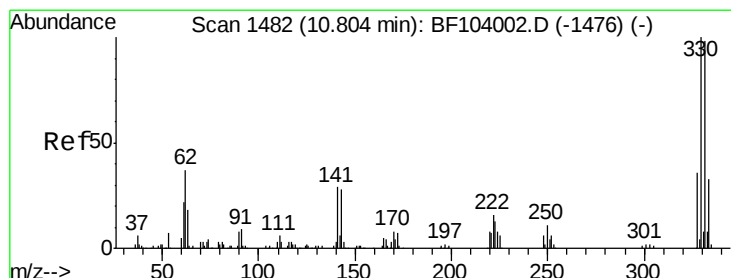
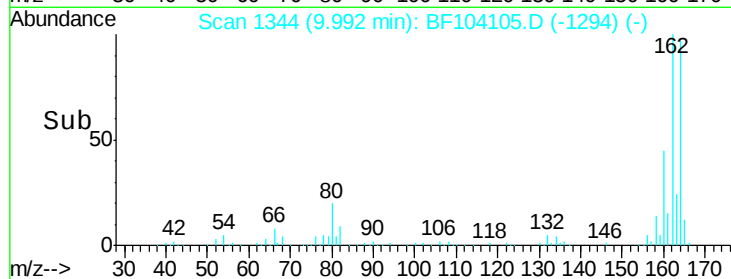
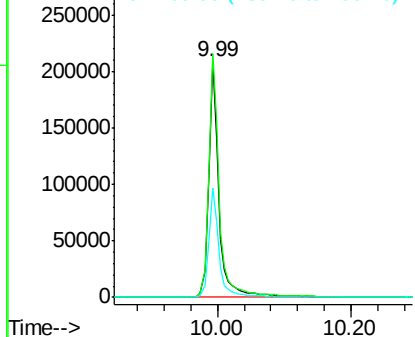
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 227842
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 46.4 38.3 57.5

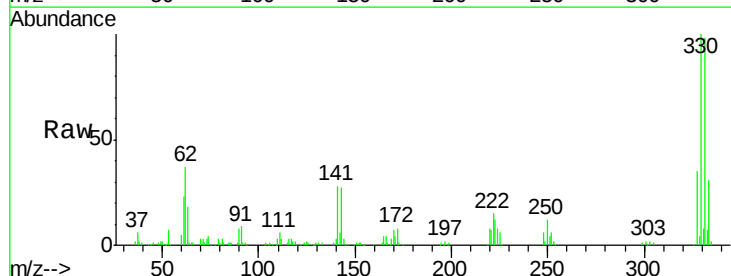


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

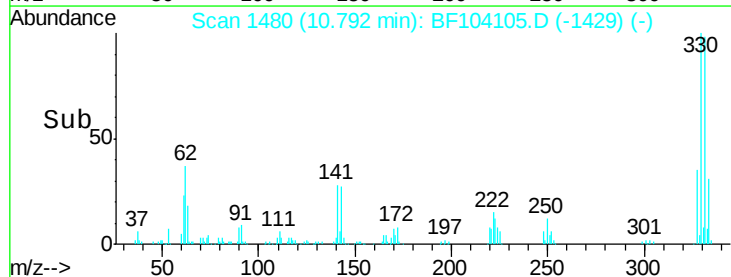
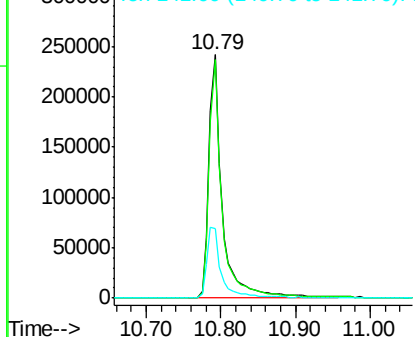


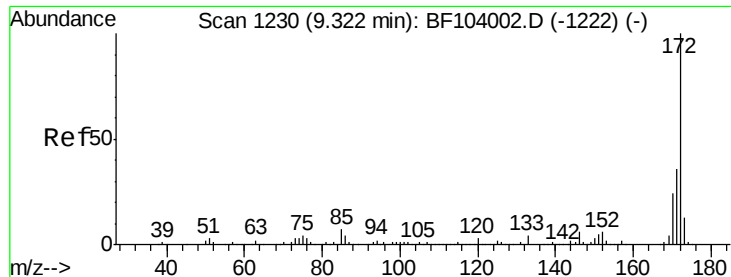
#41
2,4,6-Tribromophenol
Concen: 120.178 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Tgt Ion:330 Resp: 304894
Ion Ratio Lower Upper
330 100
332 97.0 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



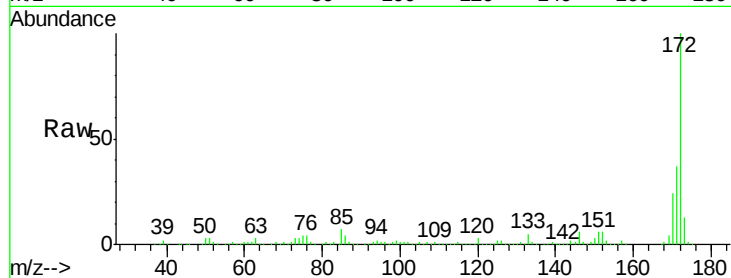


#44
 2-Fluorobiphenyl
 Concen: 92.655 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF104105.D
 Acq: 30 Mar 2018 20:54

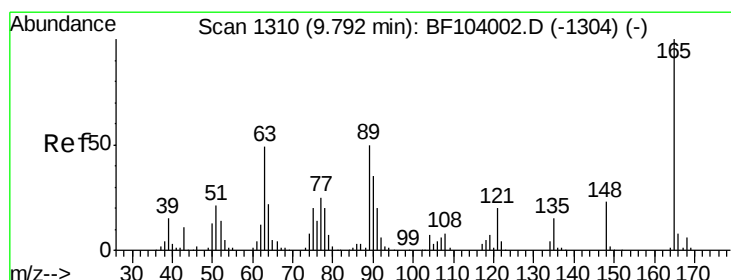
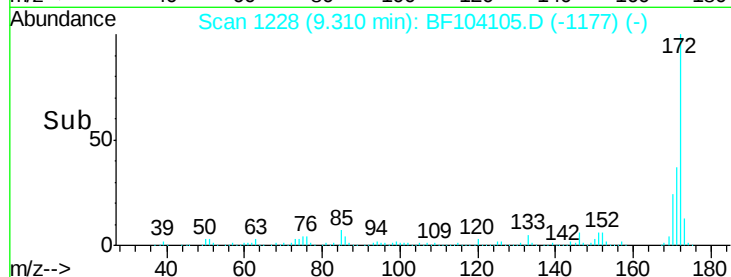
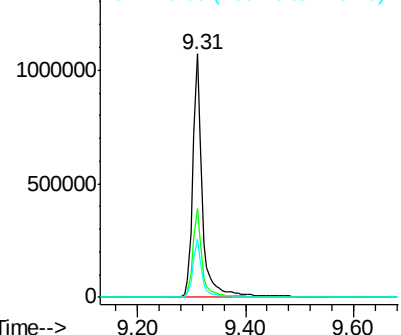
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1338736

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.8	19.6	29.4



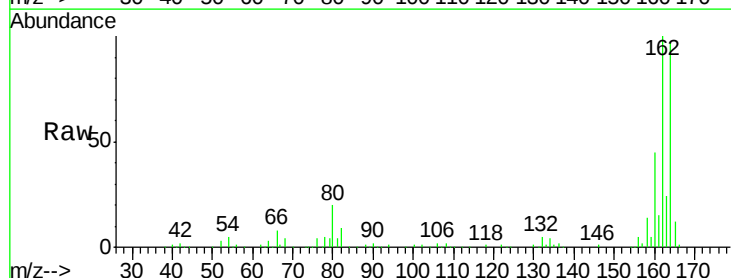
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



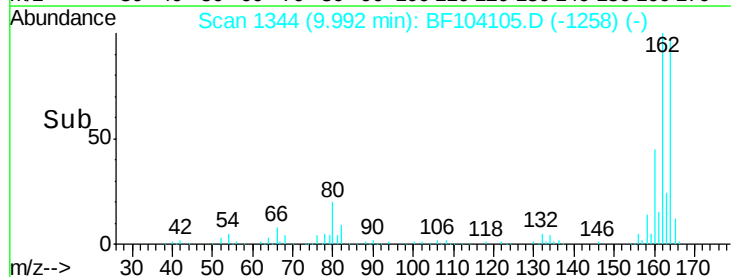
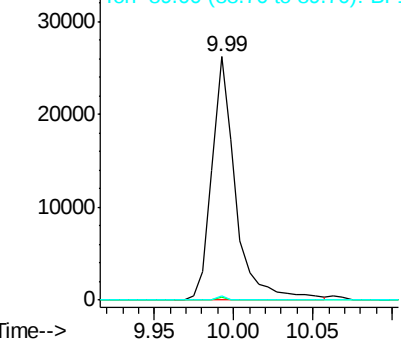
#50
 2,6-Dinitrotoluene
 Concen: 7.023 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.21 min
 Lab File: BF104105.D
 Acq: 30 Mar 2018 20:54

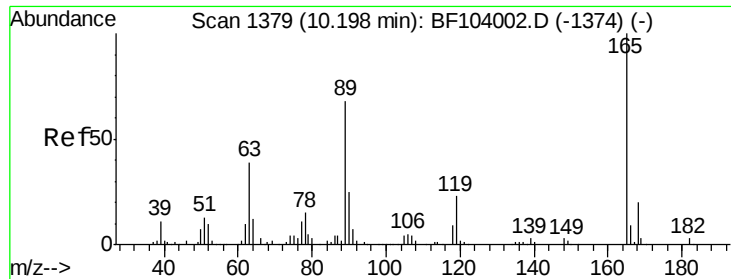
Tgt Ion:165 Resp: 27180

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.5	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

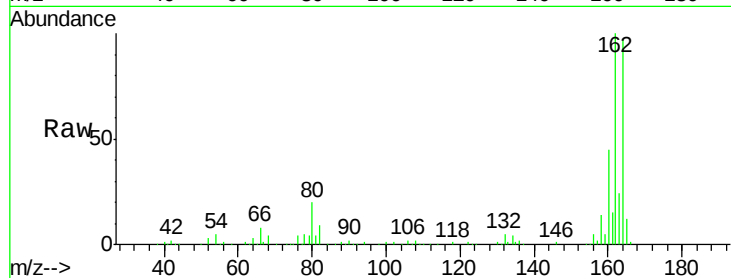




#56
2,4-Dinitrotoluene
Concen: 5.561 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

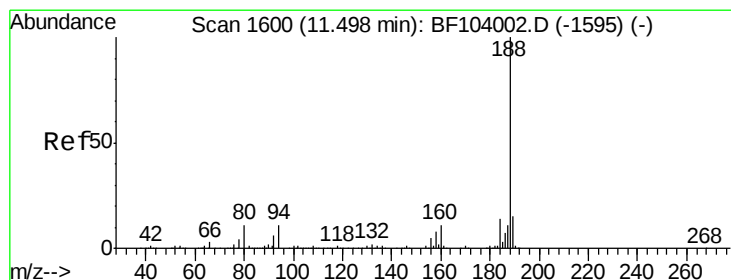
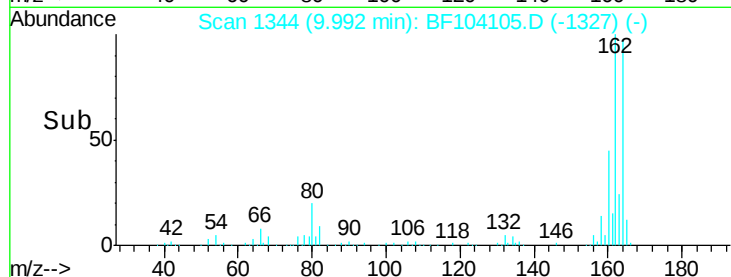
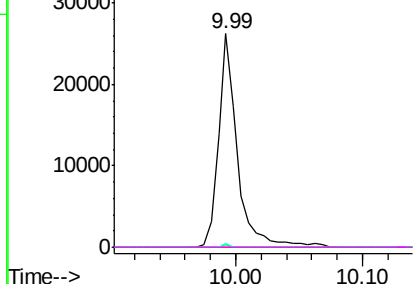


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

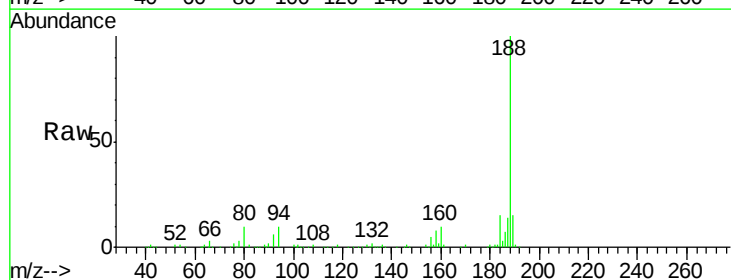
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

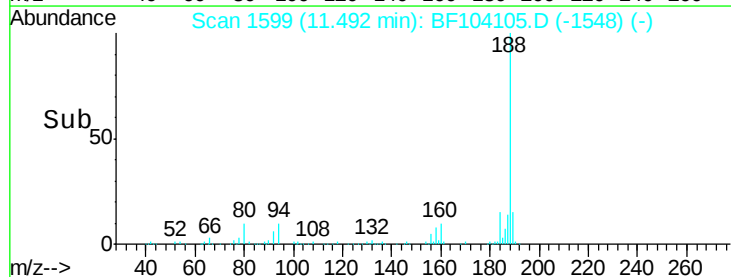
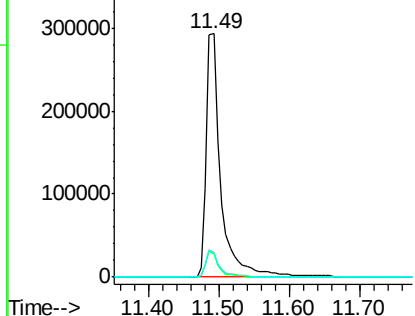
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.1	9.2	13.8

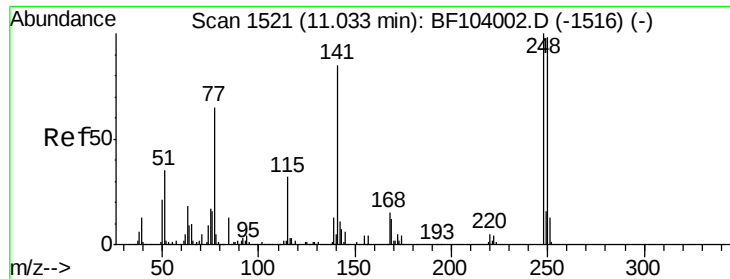


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

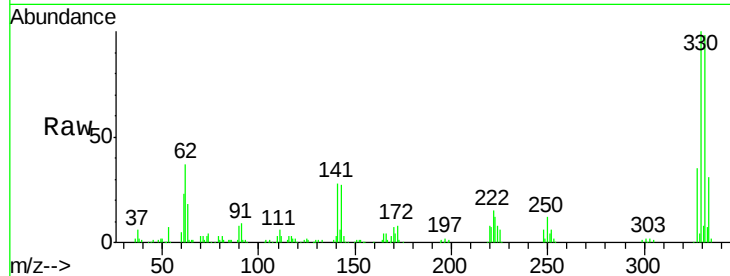




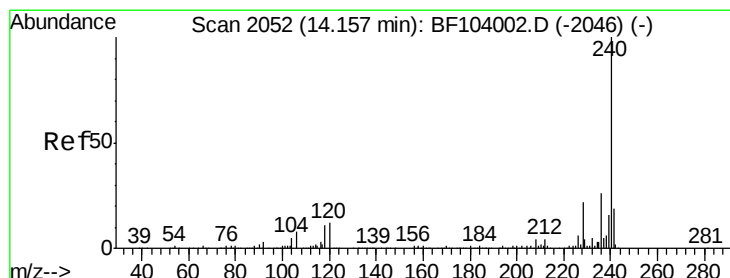
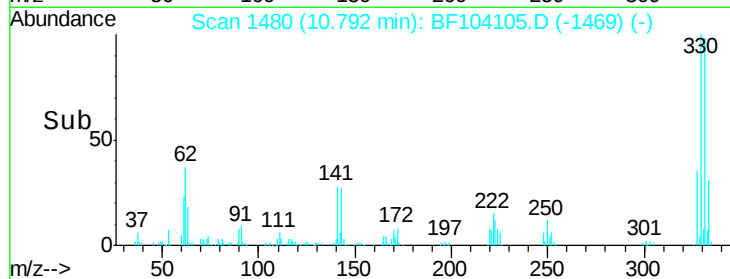
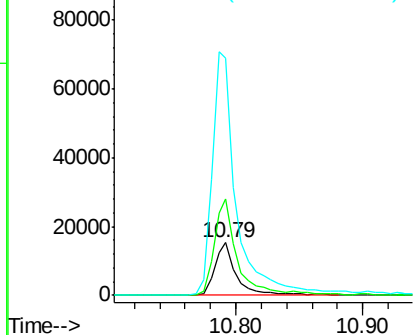
#66
4-Bromophenyl-phenylether
Concen: 4.114 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18537
Ion Ratio Lower Upper
248 100
250 183.3 76.9 115.3#
141 452.3 74.4 111.6#

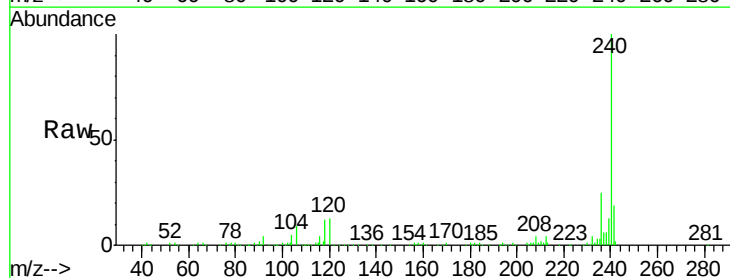


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

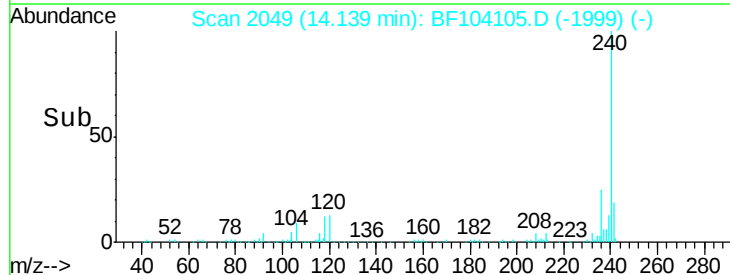
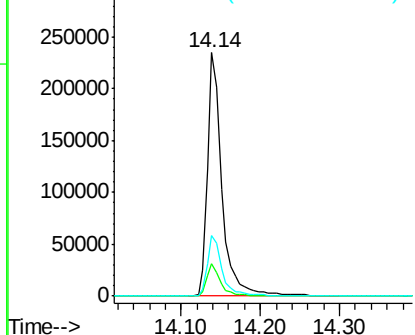


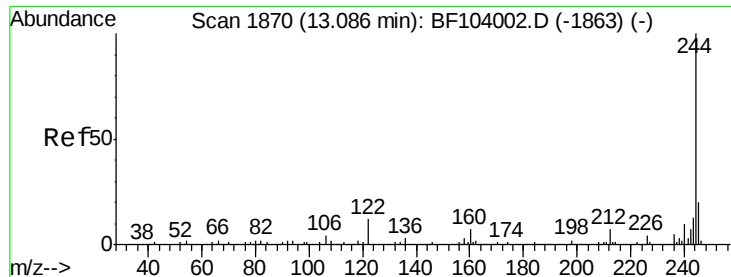
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Tgt Ion:240 Resp: 300115
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.0 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: 102.820 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF104105.D

Acq: 30 Mar 2018 20:54

Instrument :

BNA_F

ClientSampled :

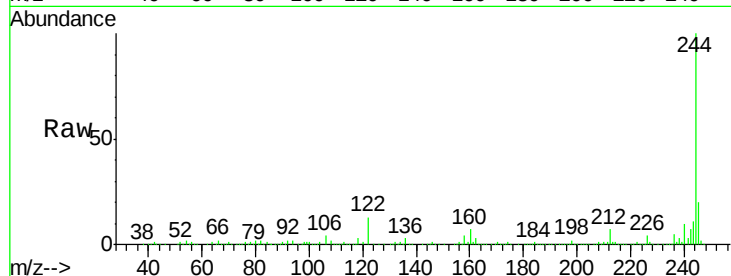
Tot Ion:244 Resp: 1336446

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

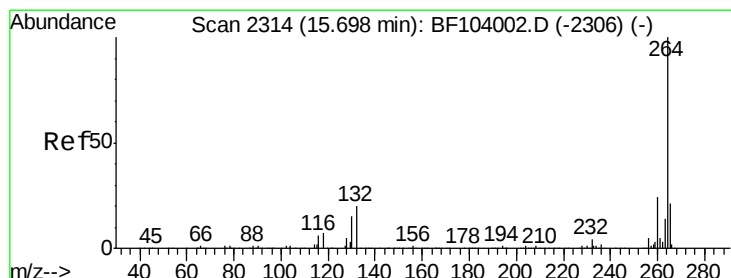
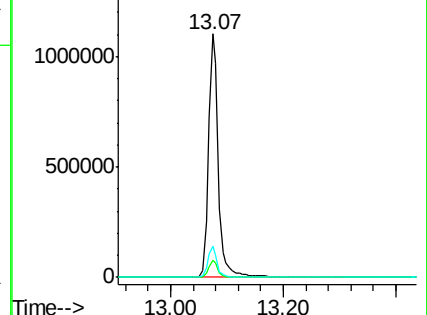
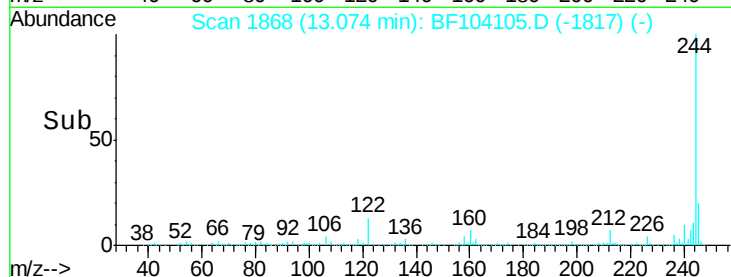
122 12.6 11.0 16.4



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: 15.67 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BF104105.D

Acq: 30 Mar 2018 20:54

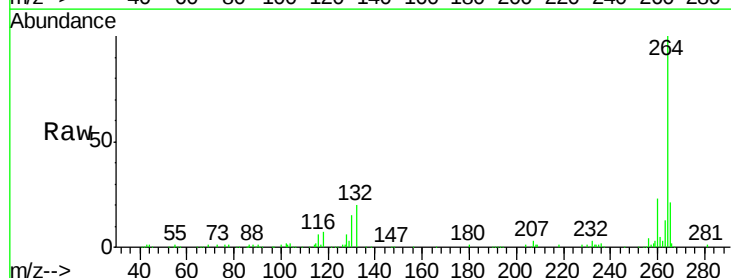
Tgt Ion:264 Resp: 230084

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.0 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

