

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104226.D
 Acq On : 4 Apr 2018 15:42
 Operator : JU/SJ
 Sample : PB107885BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 18:08:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

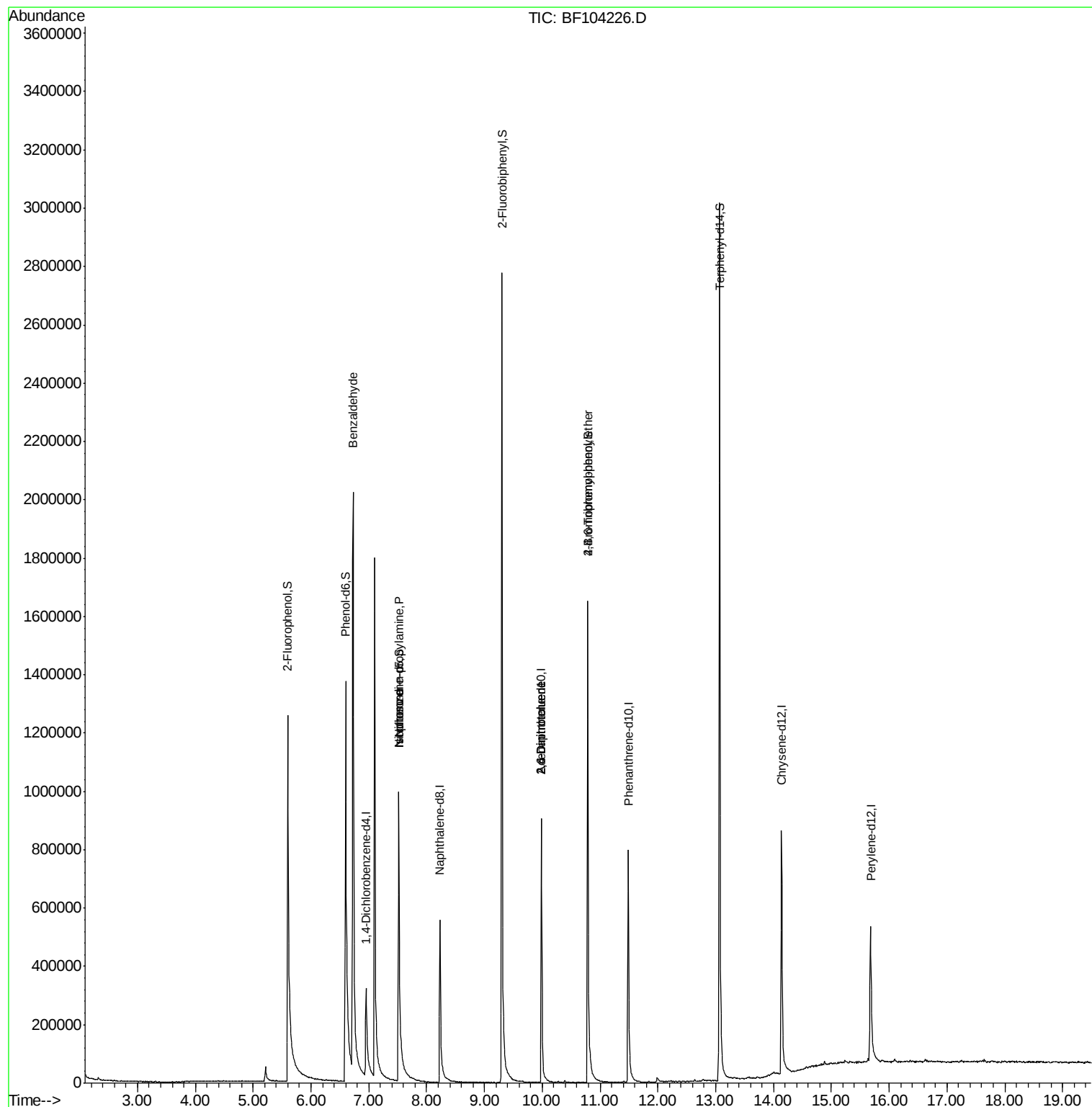
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	111533	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	495401	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	236595	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	471651	20.00	ng	0.00
75) Chrysene-d12	14.14	240	408498	20.00	ng	0.00
86) Perylene-d12	15.68	264	327748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	861675	123.21	ng	0.00
7) Phenol-d6	6.60	99	1137403	132.19	ng	0.00
23) Nitrobenzene-d5	7.52	82	669997	82.71	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	315268	119.67	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1309267	87.26	ng	0.00
78) Terphenyl-d14	13.07	244	1398008	79.02	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	17670	2.618	ng	87
19) n-Nitroso-di-n-propylamine	7.52	70	79679	15.604	ng	# 70
25) Isophorone	7.52	82	669997	44.880	ng	# 64
50) 2,6-Dinitrotoluene	9.99	165	28949	7.203	ng	# 26
56) 2,4-Dinitrotoluene	9.99	165	29255	5.705	ng	# 23
66) 4-Bromophenyl-phenylether	10.79	248	18546	3.675	ng	# 1

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

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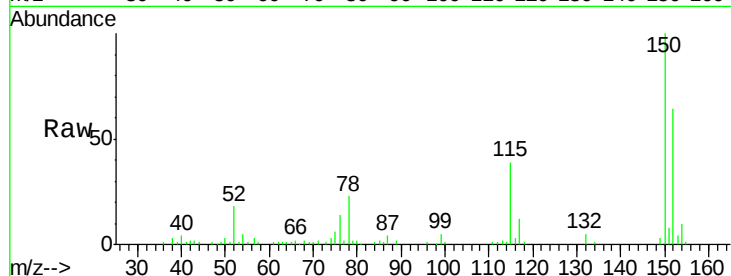


#1

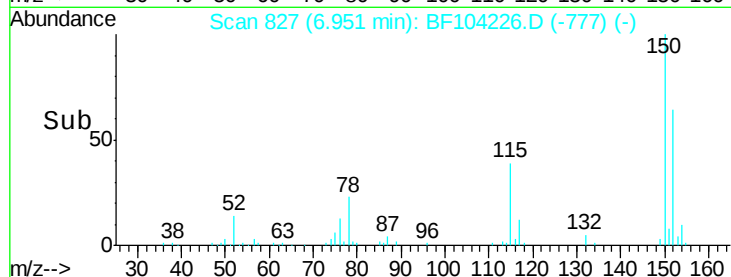
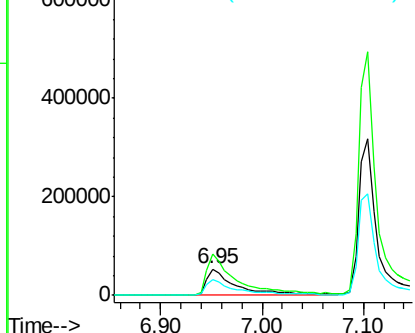
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104226.D
Acq: 4 Apr 2018 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111533
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 61.0 50.1 75.1



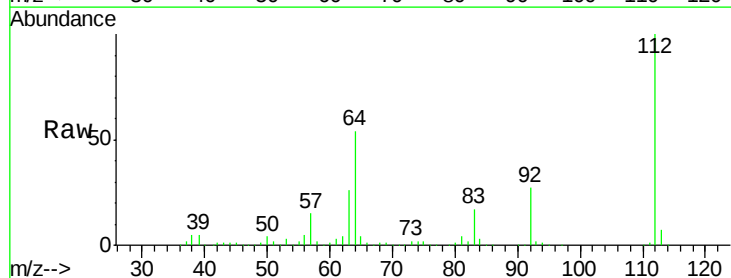
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



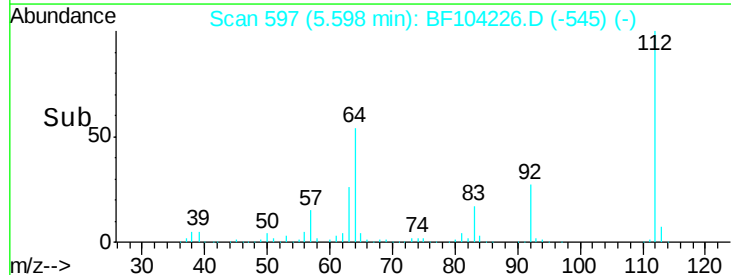
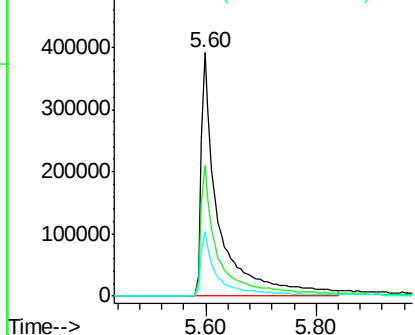
#5

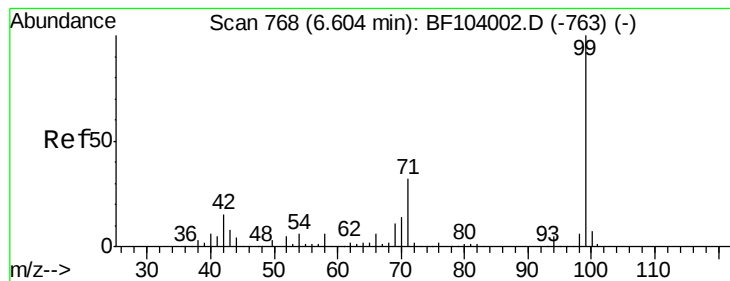
2-Fluorophenol
Concen: 123.206 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF104226.D
Acq: 4 Apr 2018 15:42

Tgt Ion:112 Resp: 861675
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 26.4 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: 132.188 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104226.D

Acq: 4 Apr 2018 15:42

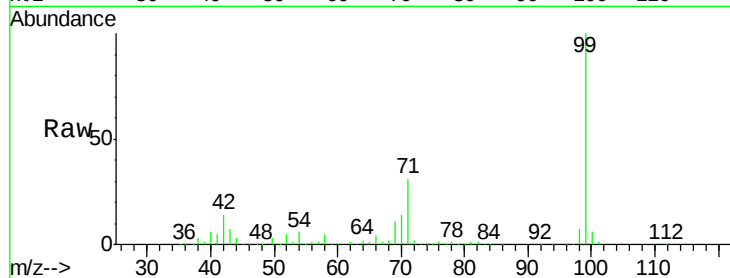
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1137403

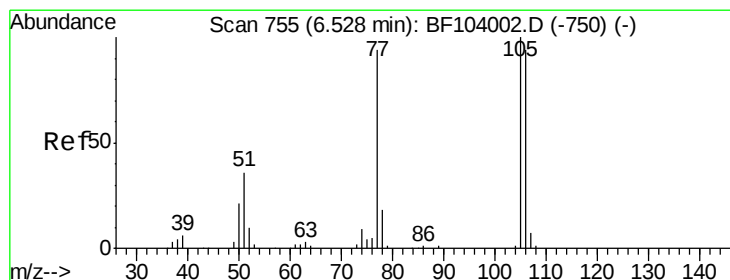
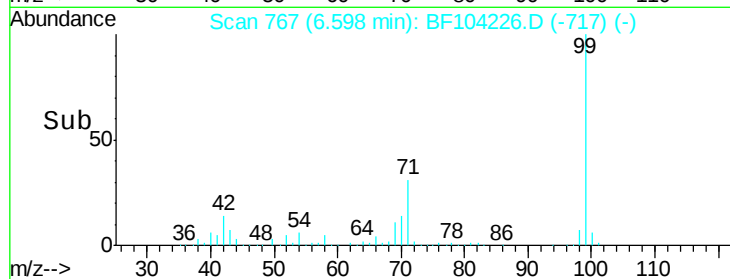
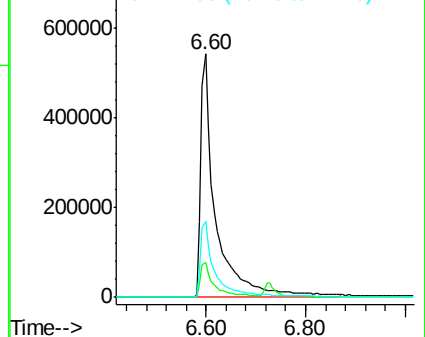
Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.5	21.7#
71	31.2	25.4	38.0



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: 2.618 ng

RT: 6.73 min Scan# 789

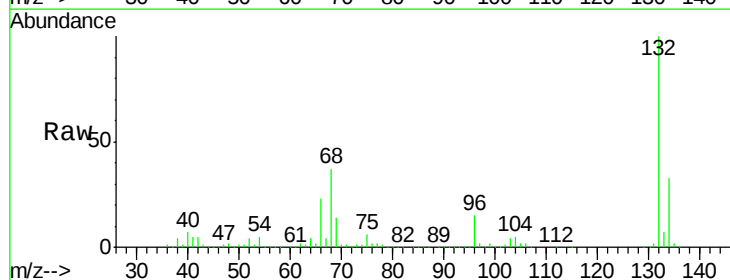
Delta R.T. 0.21 min

Lab File: BF104226.D

Acq: 4 Apr 2018 15:42

Tgt Ion: 77 Resp: 17670

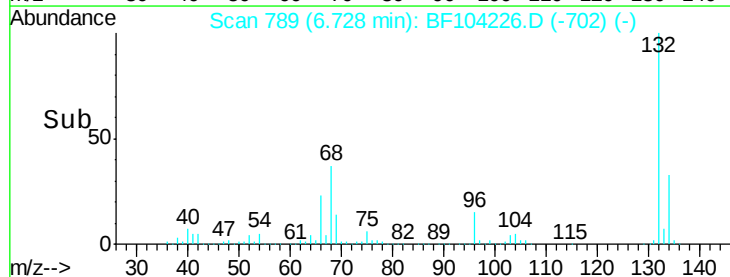
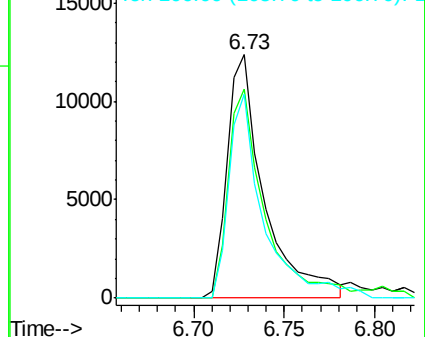
Ion	Ratio	Lower	Upper
77	100		
105	85.7	81.1	121.1
106	83.6	74.5	114.5

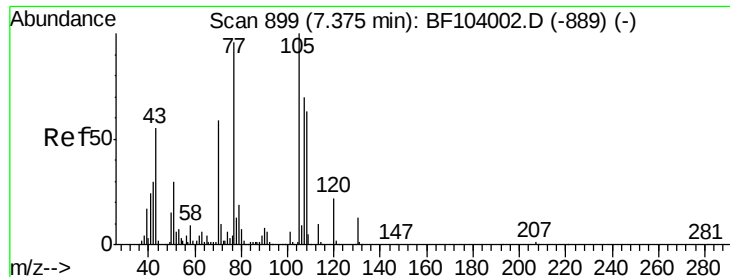


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

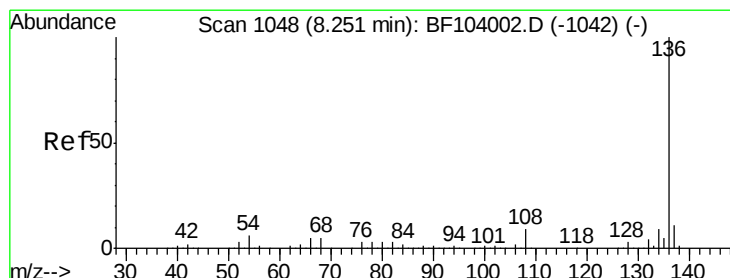
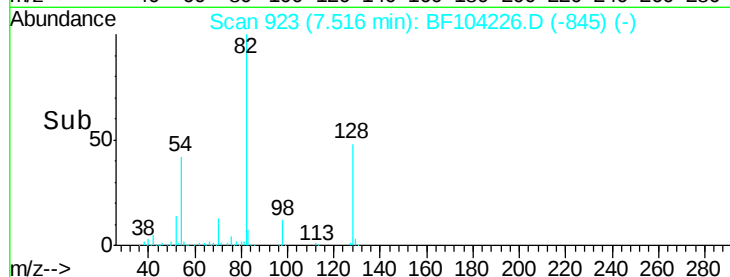
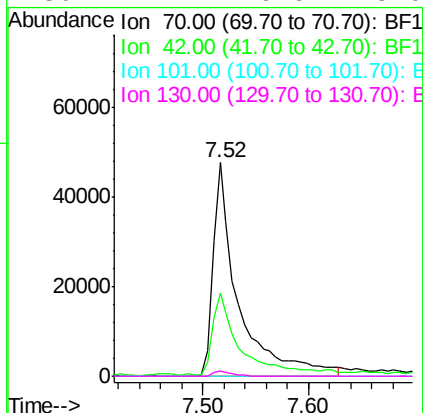
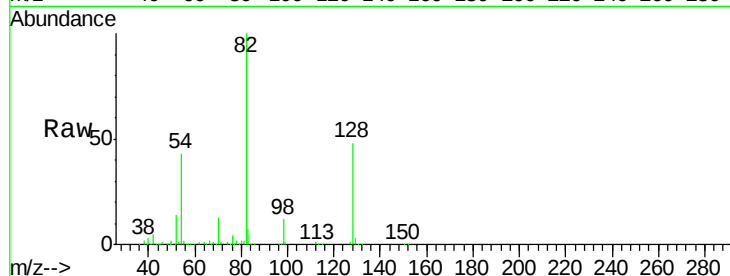




#19
n-Nitroso-di-n-propylamine
Concen: 15.604 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104226.D
Acq: 4 Apr 2018 15:42

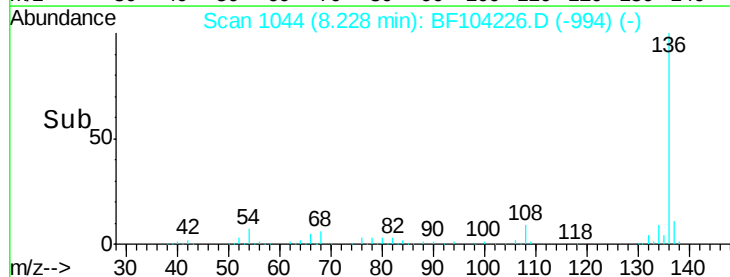
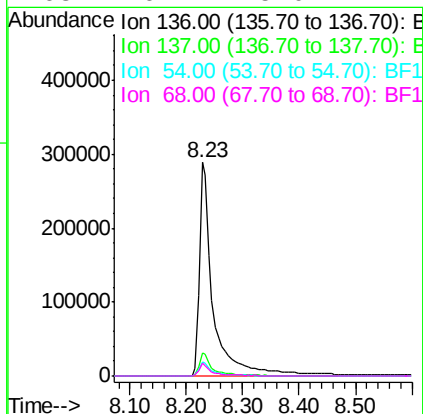
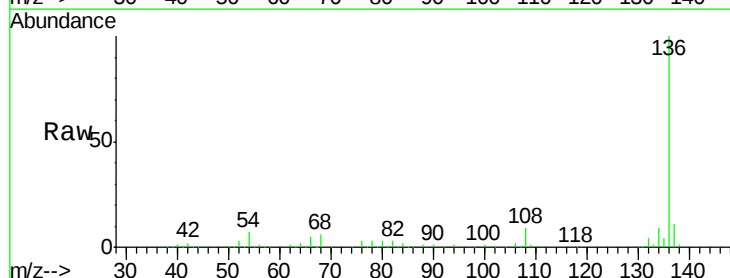
Instrument :
BNA_F
ClientSampleId :

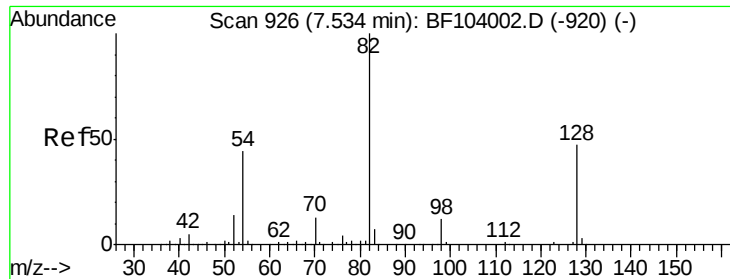
Tot Ion: 70 Resp: 79679
Ion Ratio Lower Upper
70 100
42 39.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104226.D
Acq: 4 Apr 2018 15:42

Tgt Ion: 136 Resp: 495401
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.8 6.6 9.8
68 6.1 5.0 7.4

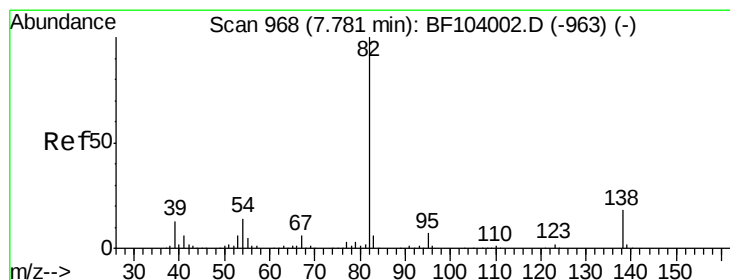
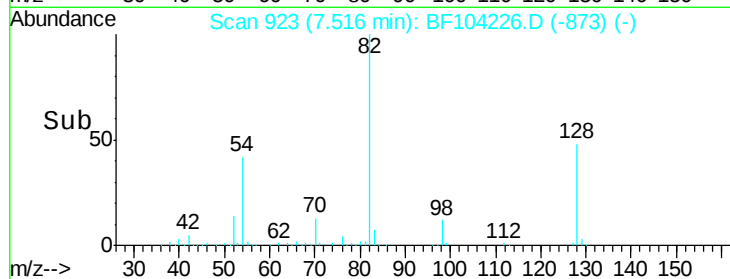
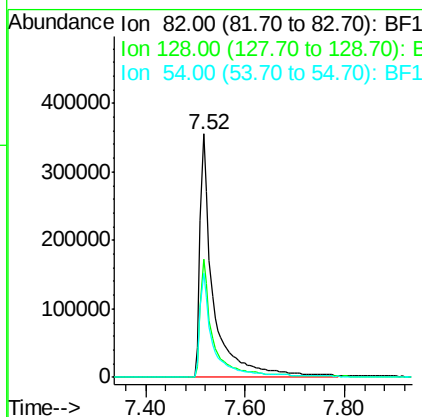
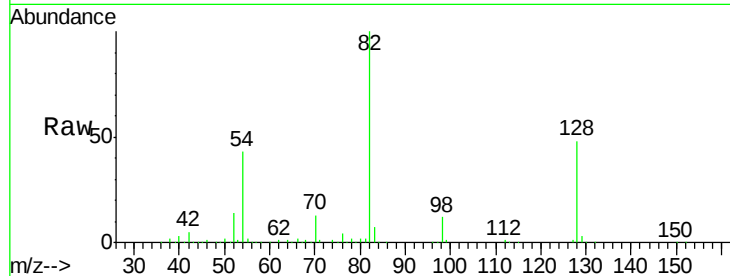




#23
Nitrobenzene-d5
Concen: 82.709 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104226.D
Acq: 4 Apr 2018 15:42

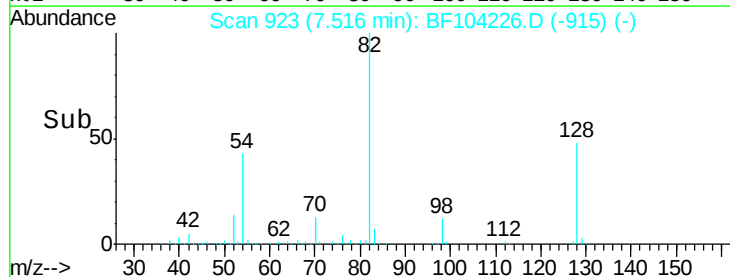
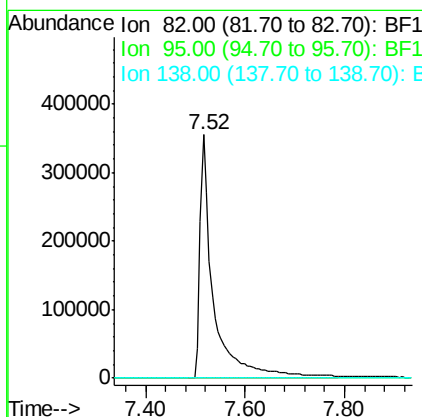
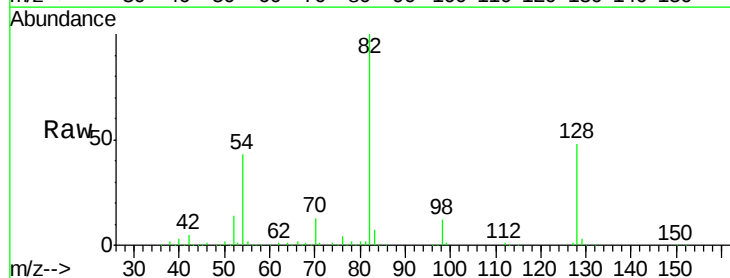
Instrument :
BNA_F
ClientSampleId :

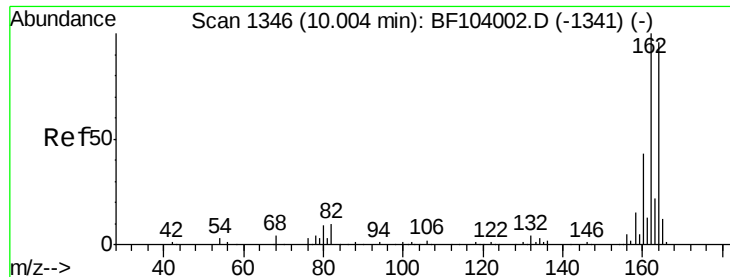
Tot Ion	82	Resp	669997
Ion Ratio	Lower	Upper	
82	100		
128	48.4	36.1	54.1
54	42.6	41.4	62.2



#25
Isophorone
Concen: 44.880 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF104226.D
Acq: 4 Apr 2018 15:42

Tgt Ion	82	Resp	669997
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

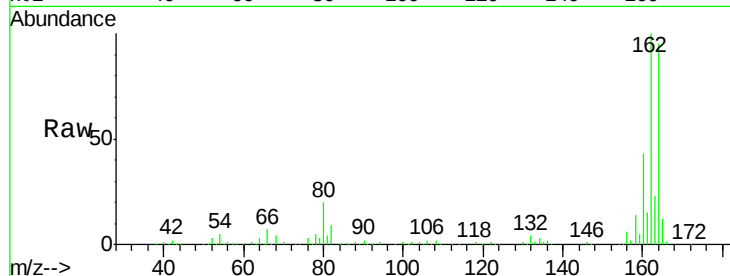




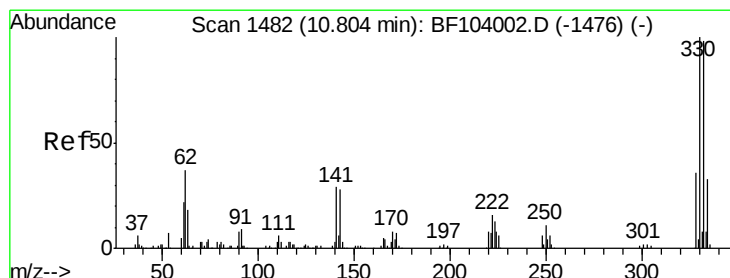
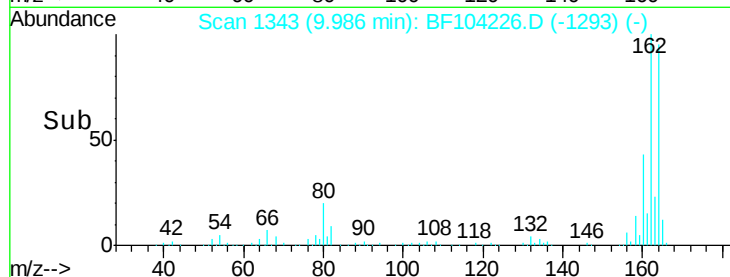
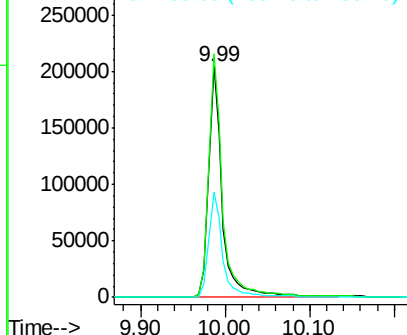
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF104226.D
Acq: 4 Apr 2018 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 236595
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 45.5 38.3 57.5

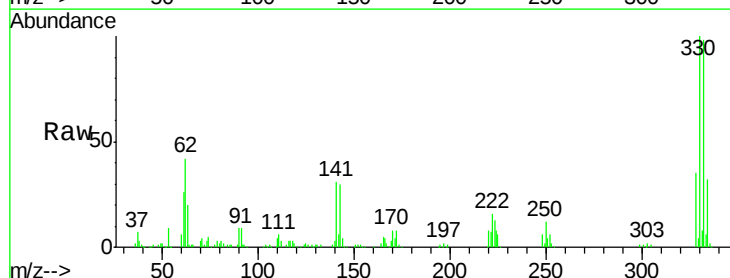


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

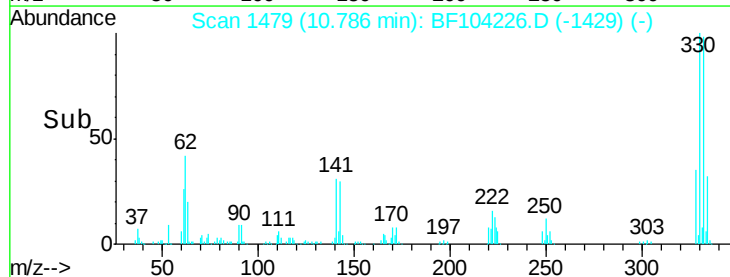
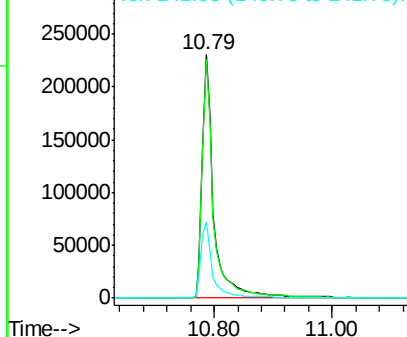


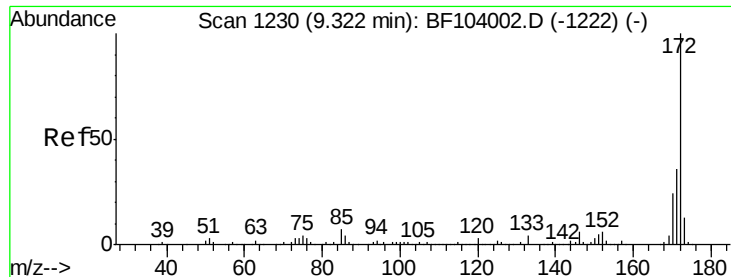
#41
2,4,6-Tribromophenol
Concen: 119.669 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF104226.D
Acq: 4 Apr 2018 15:42

Tgt Ion:330 Resp: 315268
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 31.5 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

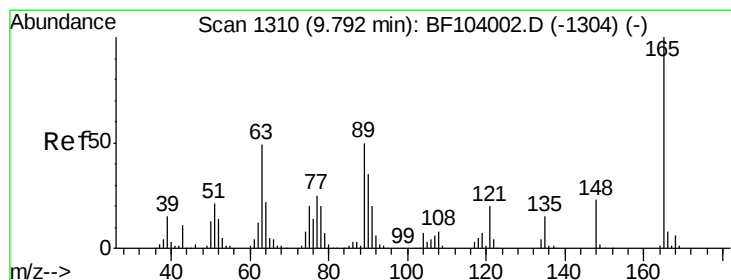
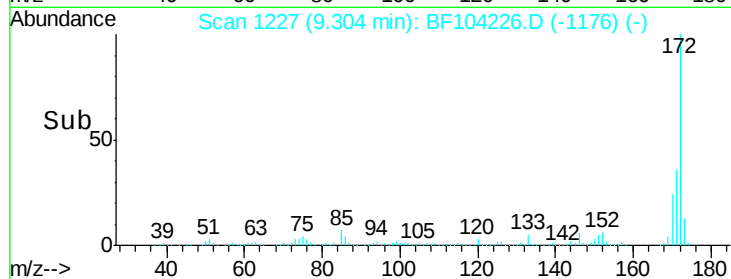
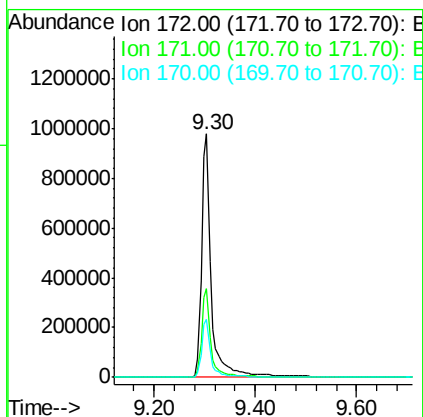
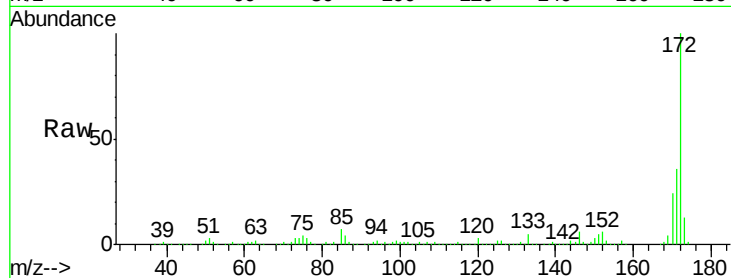




#44
 2-Fluorobiphenyl
 Concen: 87.263 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF104226.D
 Acq: 4 Apr 2018 15:42

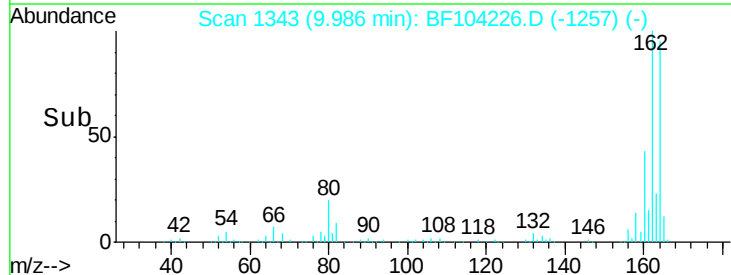
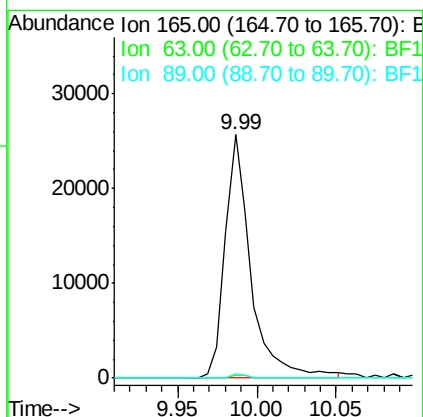
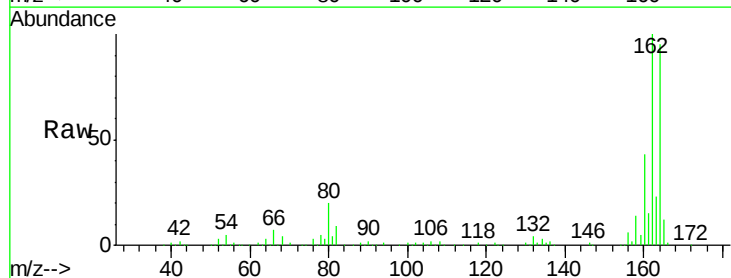
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1309267
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.8 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.203 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF104226.D
 Acq: 4 Apr 2018 15:42

Tgt Ion:165 Resp: 28949
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.7 67.1#
 89 1.5 44.0 66.0#

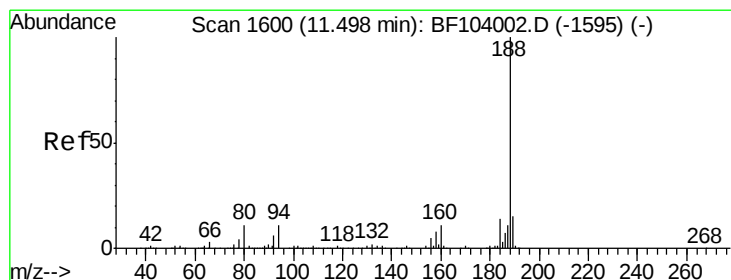
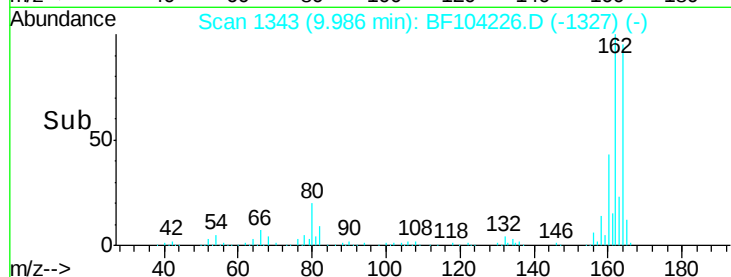
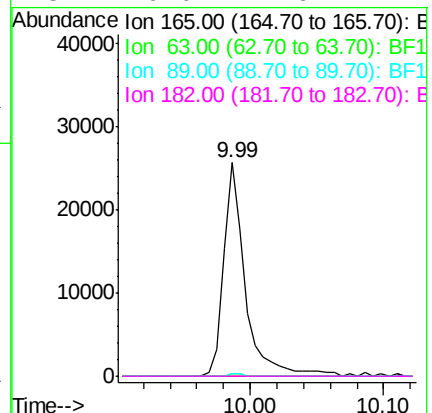
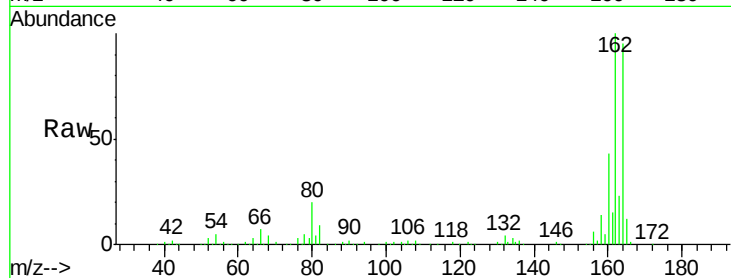




#56
 2,4-Dinitrotoluene
 Concen: 5.705 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104226.D
 Acq: 4 Apr 2018 15:42

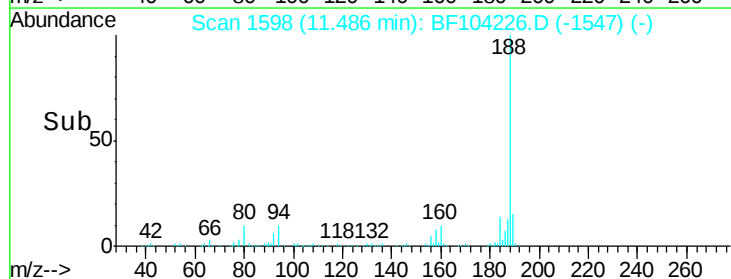
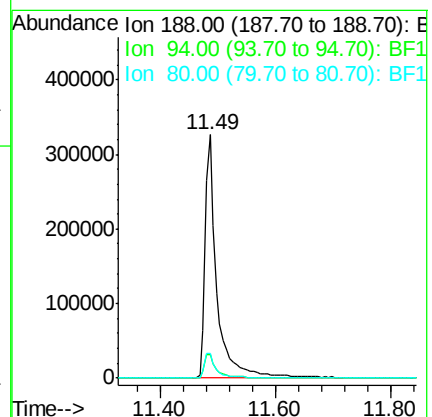
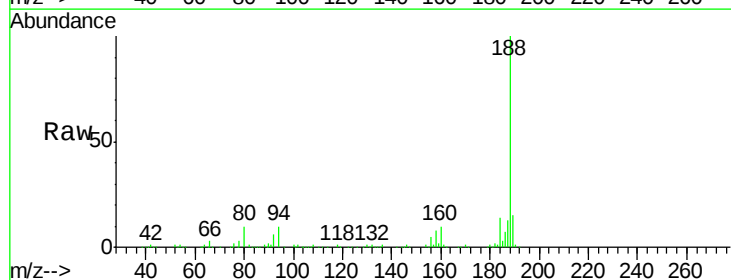
Instrument :
 BNA_F
 ClientSampleId :

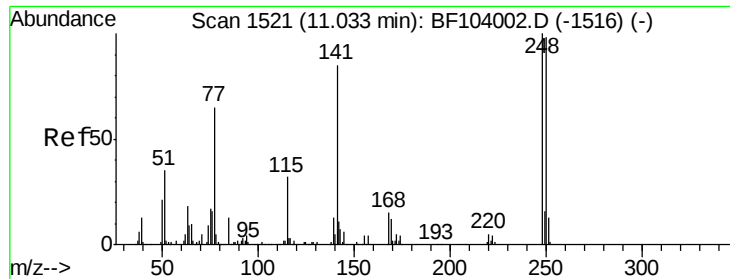
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF104226.D
 Acq: 4 Apr 2018 15:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.3	9.2	13.8

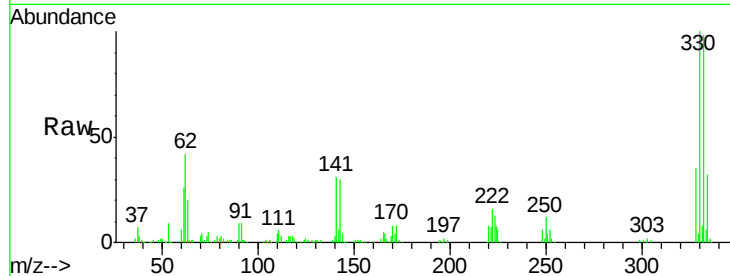




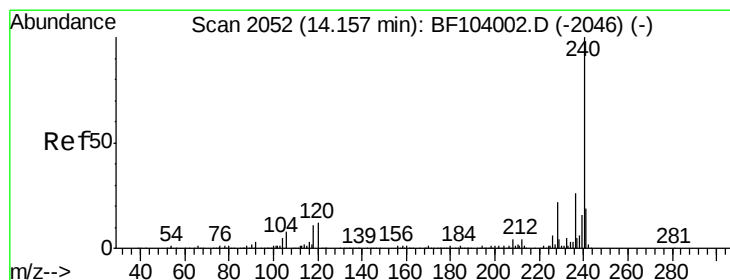
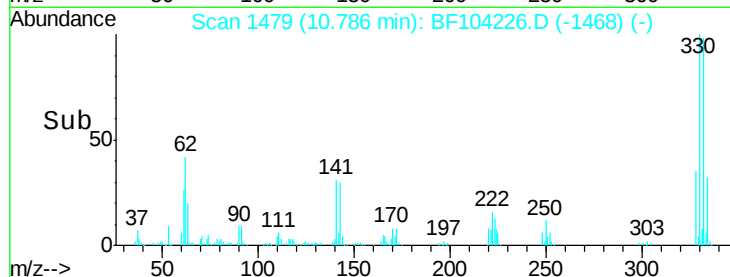
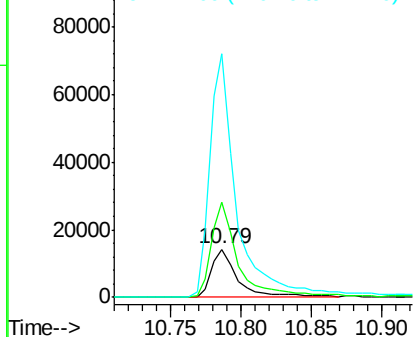
#66
4-Bromophenyl-phenylether
Concen: 3.675 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF104226.D
Acq: 4 Apr 2018 15:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18546
Ion Ratio Lower Upper
248 100
250 196.5 76.9 115.3#
141 503.1 74.4 111.6#

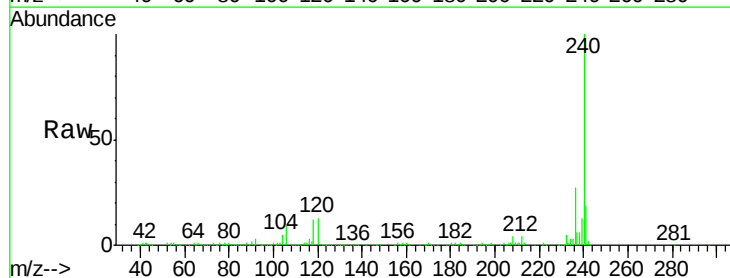


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

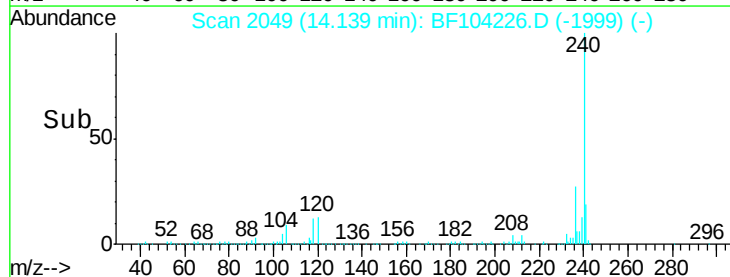
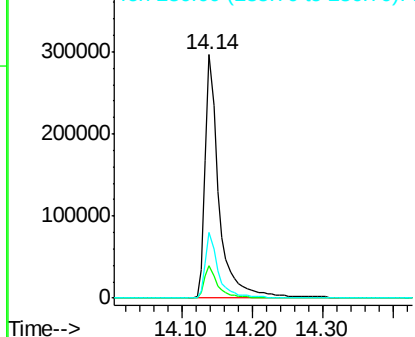


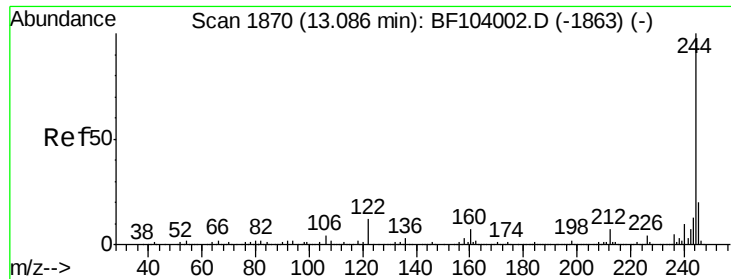
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104226.D
Acq: 4 Apr 2018 15:42

Tgt Ion:240 Resp: 408498
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 26.7 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

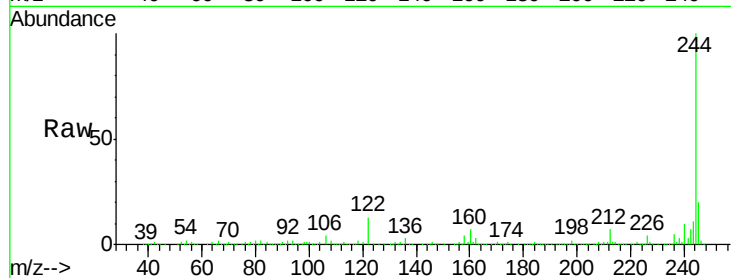




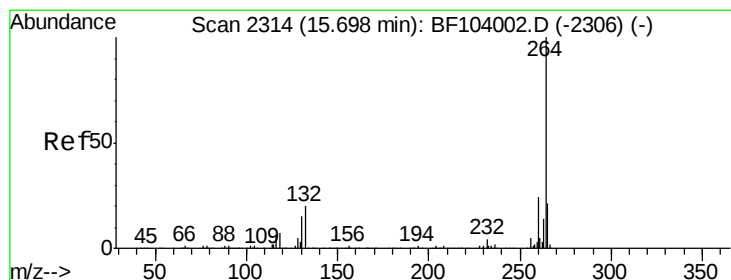
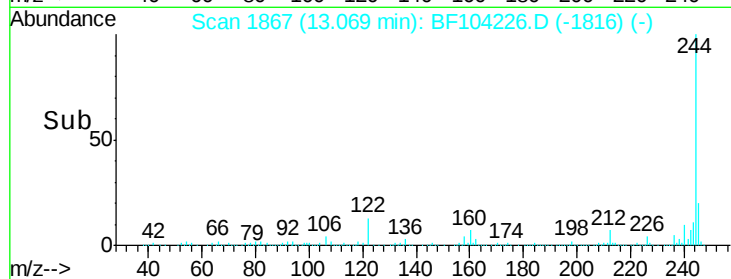
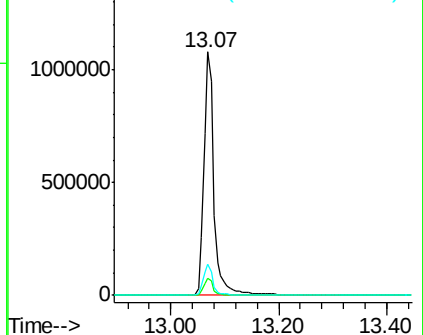
#78
 Terphenyl-d14
 Concen: 79.020 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: BF104226.D
 Acq: 4 Apr 2018 15:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1398008
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.6 11.0 16.4

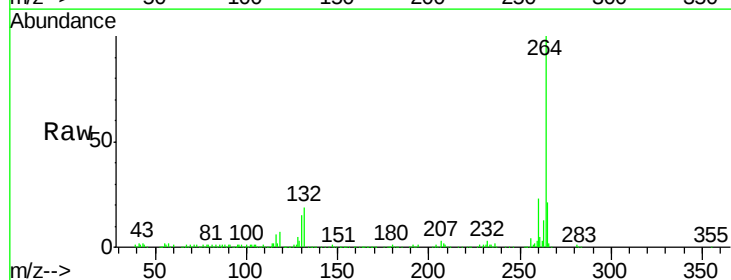


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: BF104226.D
 Acq: 4 Apr 2018 15:42

Tgt Ion:264 Resp: 327748
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.4 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

