

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104108.D
 Acq On : 30 Mar 2018 22:13
 Operator : JU/SJ
 Sample : J1752-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 31 00:11:29 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

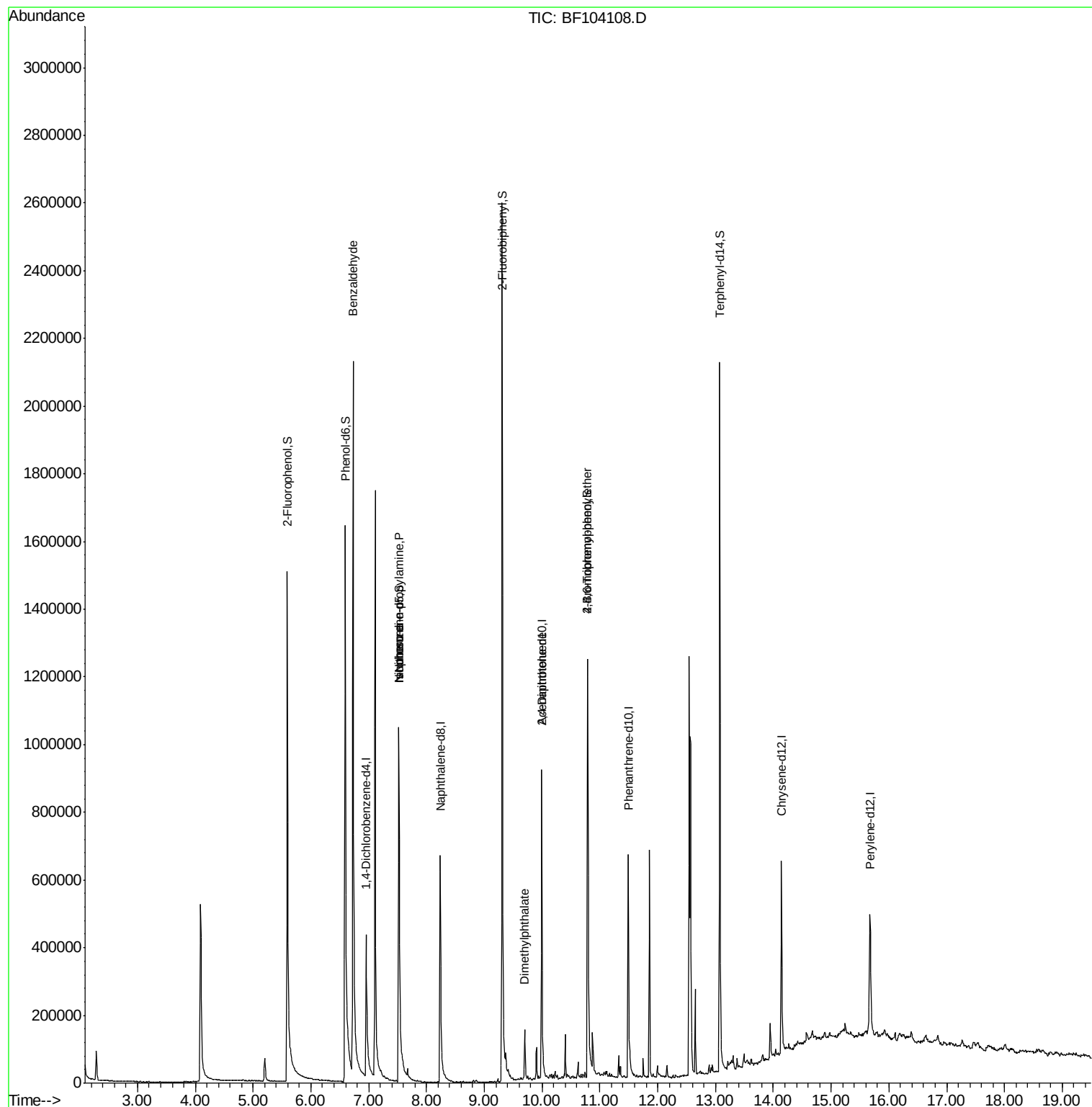
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	122701	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	509911	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	221827	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	366615	20.00	ng	0.00
75) Chrysene-d12	14.14	240	256989	20.00	ng	0.00
86) Perylene-d12	15.67	264	226342	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	738478	95.98	ng	0.01
7) Phenol-d6	6.59	99	1003847	106.05	ng	0.00
23) Nitrobenzene-d5	7.52	82	591485	70.94	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	232321	94.06	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1014864	72.14	ng	0.00
78) Terphenyl-d14	13.07	244	793153	71.26	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	16150	2.087	ng	83
19) n-Nitroso-di-n-propylamine	7.52	70	71054	12.648	ng	# 73
25) Isophorone	7.52	82	595019	38.723	ng	# 64
49) Dimethylphthalate	9.70	163	68776	3.927	ng	98
56) 2,4-Dinitrotoluene	9.99	165	28937	6.018	ng	# 23
66) 4-Bromophenyl-phenylether	10.79	248	13483	3.438	ng	# 1

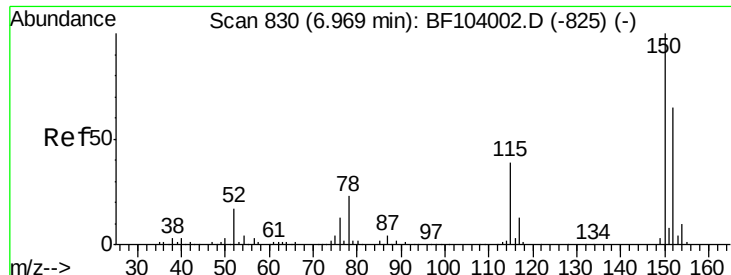
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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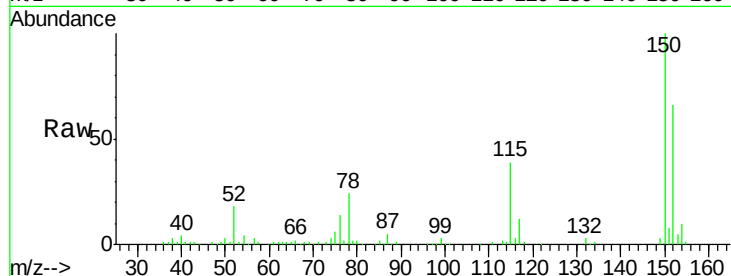


#1

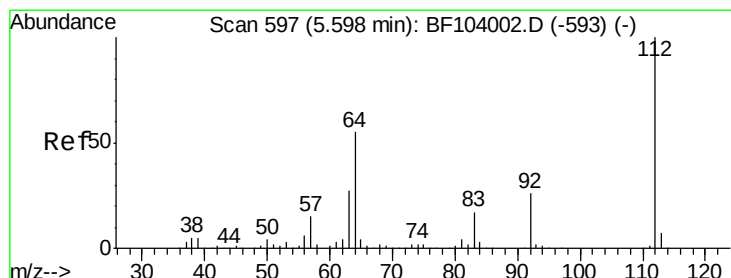
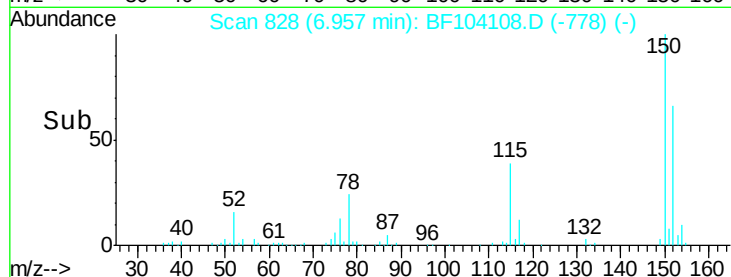
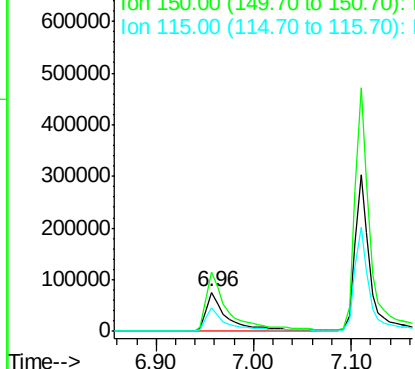
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104108.D
Acq: 30 Mar 2018 22:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 122701
Ion Ratio Lower Upper
152 100
150 152.2 124.6 186.8
115 59.7 50.1 75.1



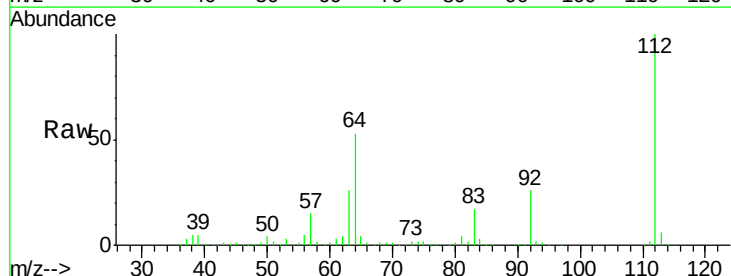
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



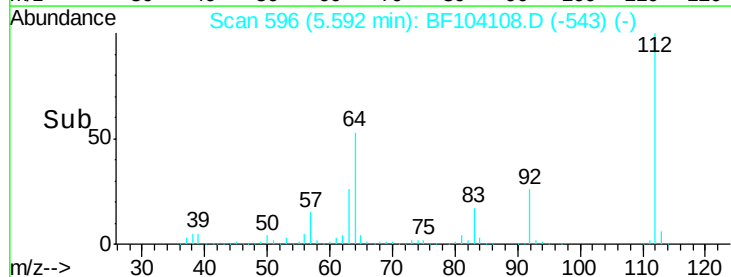
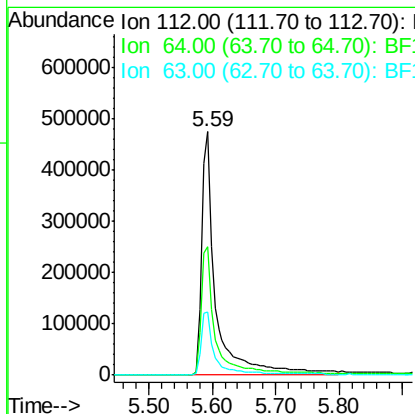
#5

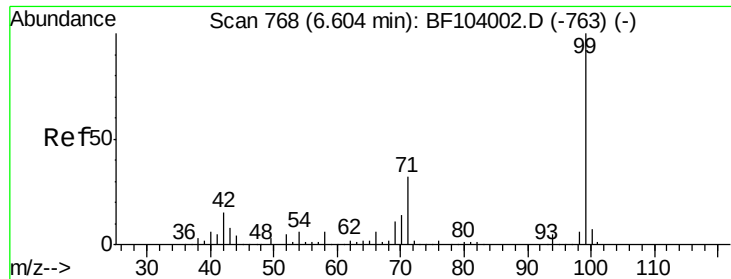
2-Fluorophenol
Concen: 95.980 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104108.D
Acq: 30 Mar 2018 22:13

Tgt Ion:112 Resp: 738478
Ion Ratio Lower Upper
112 100
64 52.9 47.9 71.9
63 26.1 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: 106.047 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104108.D

Acq: 30 Mar 2018 22:13

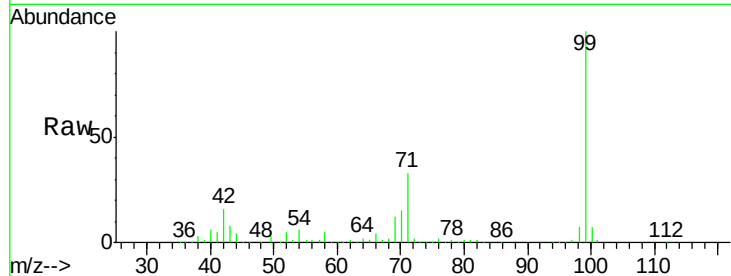
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1003847

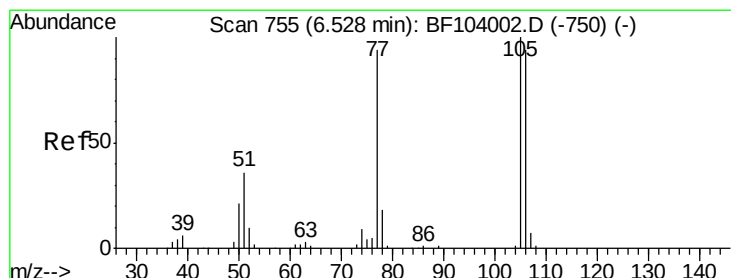
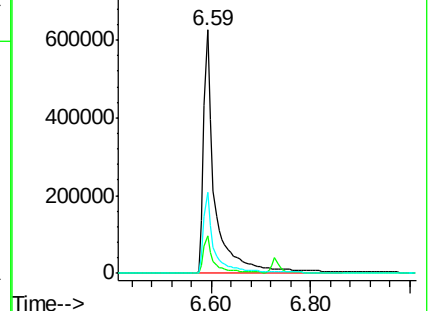
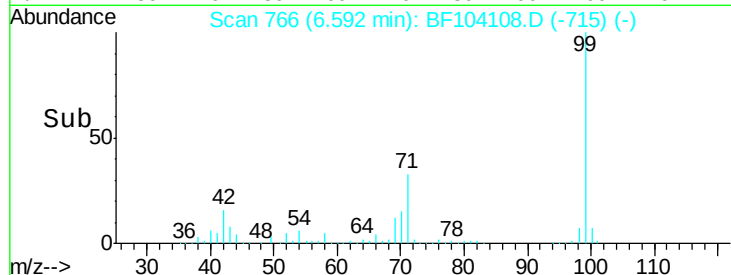
Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.5	21.7
71	33.4	25.4	38.0



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: 2.087 ng

RT: 6.73 min Scan# 789

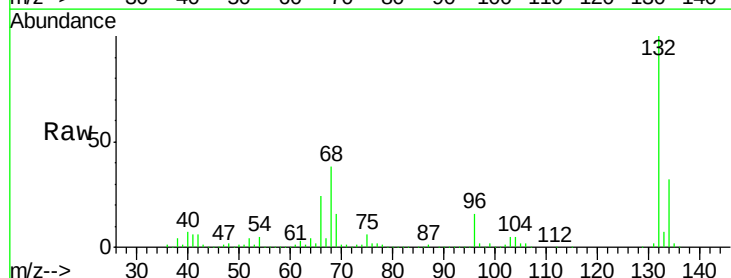
Delta R.T. 0.21 min

Lab File: BF104108.D

Acq: 30 Mar 2018 22:13

Tgt Ion: 77 Resp: 16150

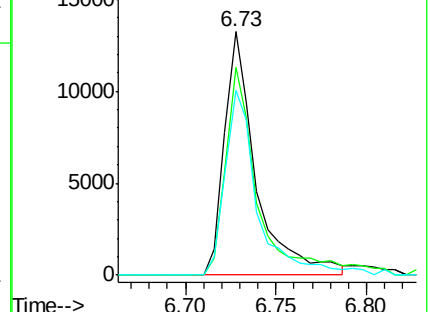
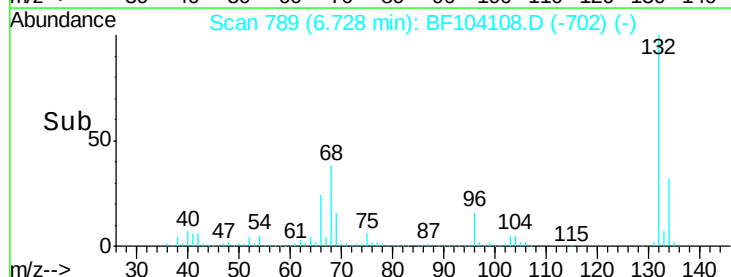
Ion	Ratio	Lower	Upper
77	100		
105	85.1	81.1	121.1
106	76.1	74.5	114.5

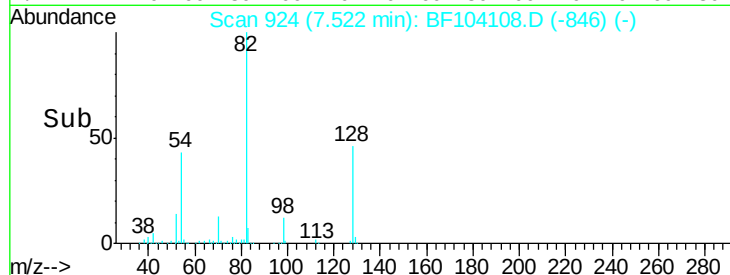
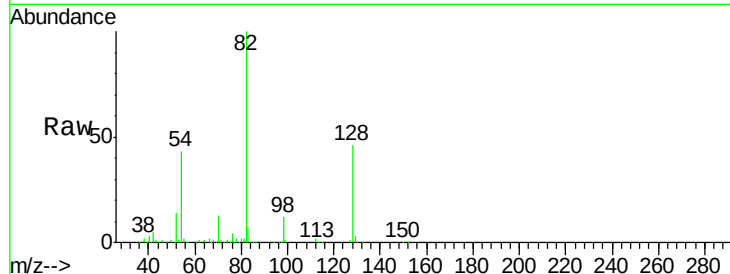
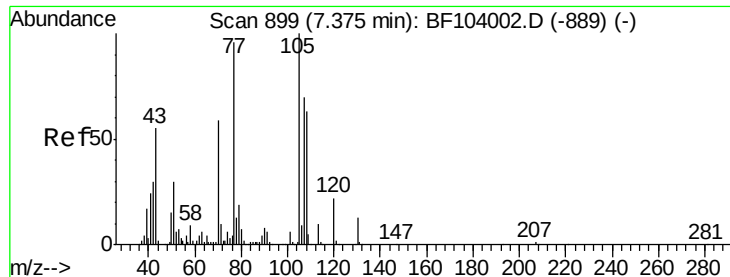


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

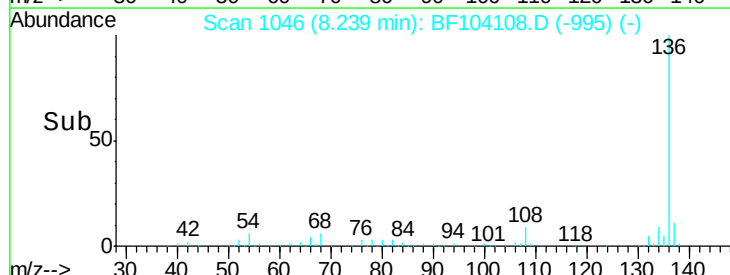
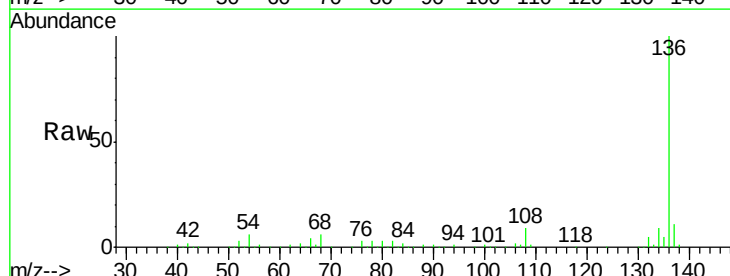
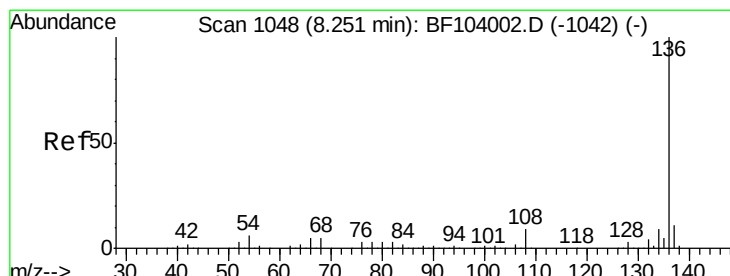
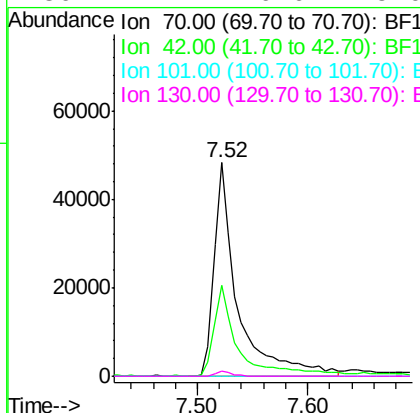




#19
n-Nitroso-di-n-propylamine
Concen: 12.648 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF104108.D
Acq: 30 Mar 2018 22:13

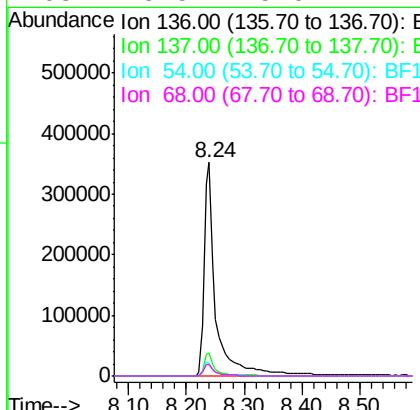
Instrument :
BNA_F
ClientSampleId :

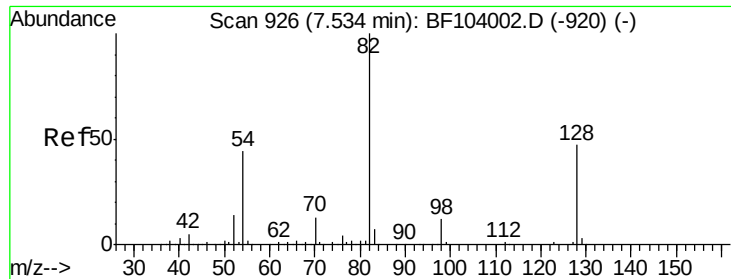
Tot Ion: 70 Resp: 71054
Ion Ratio Lower Upper
70 100
42 42.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF104108.D
Acq: 30 Mar 2018 22:13

Tgt Ion: 136 Resp: 509911
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.0 6.6 9.8#
68 5.5 5.0 7.4

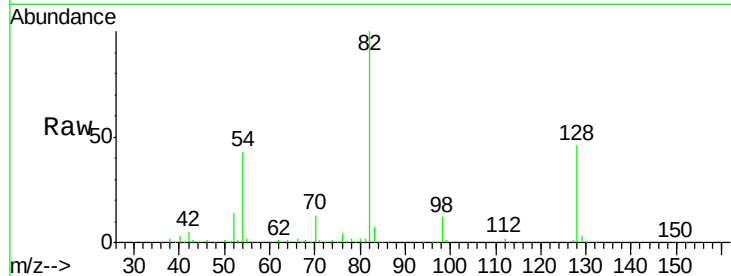




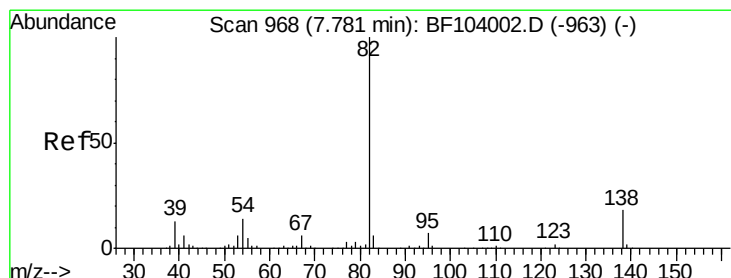
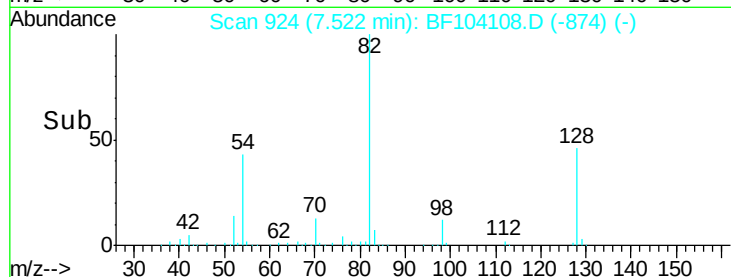
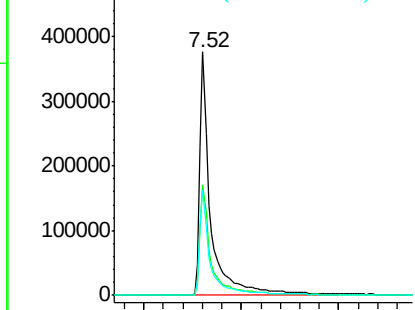
#23
Nitrobenzene-d5
Concen: 70.939 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104108.D
Acq: 30 Mar 2018 22:13

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	591485
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.1	54.1
54	43.4	41.4	62.2

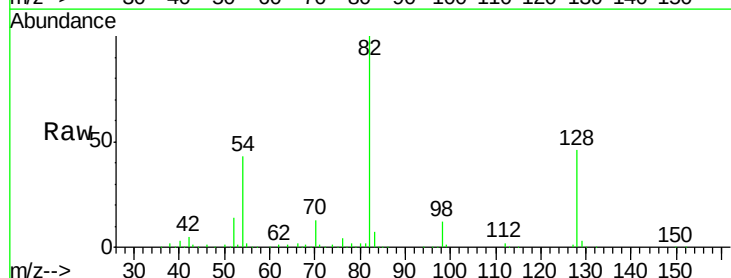


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

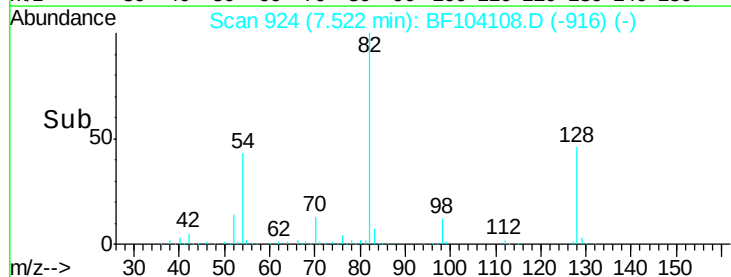
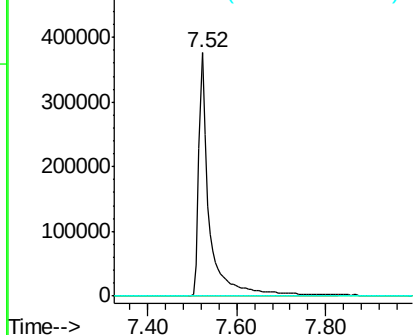


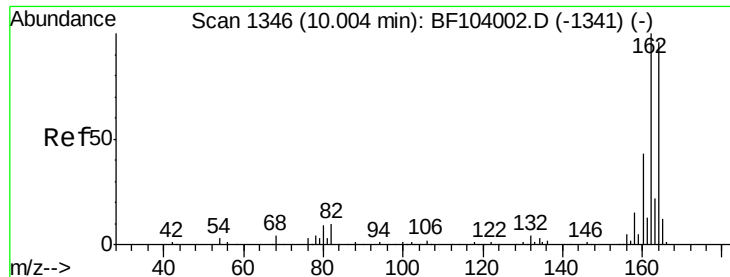
#25
Isophorone
Concen: 38.723 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF104108.D
Acq: 30 Mar 2018 22:13

Tgt Ion	82	Resp	595019
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

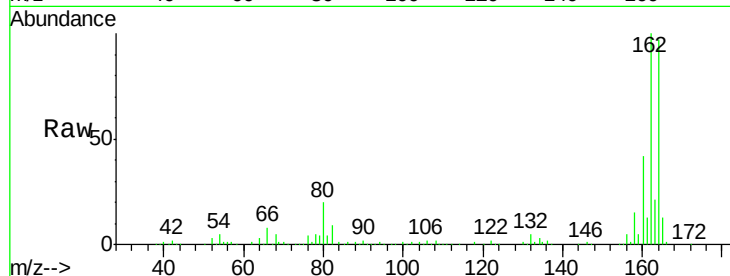




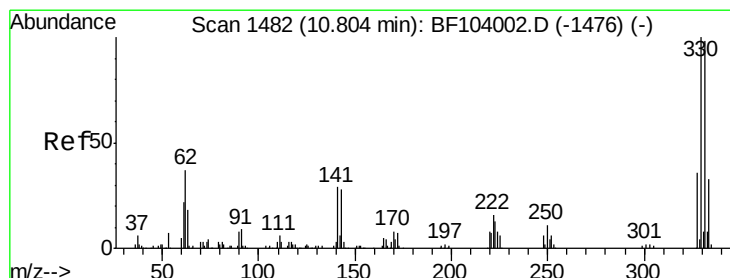
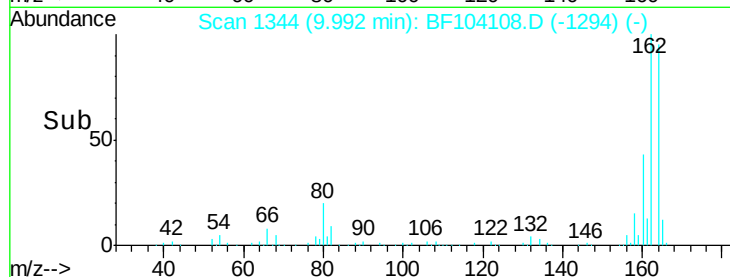
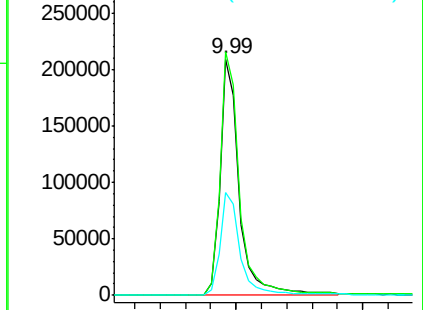
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF104108.D
 Acq: 30 Mar 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	43.7	38.3	57.5

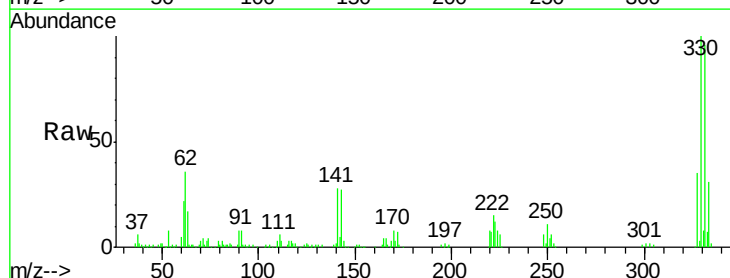


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

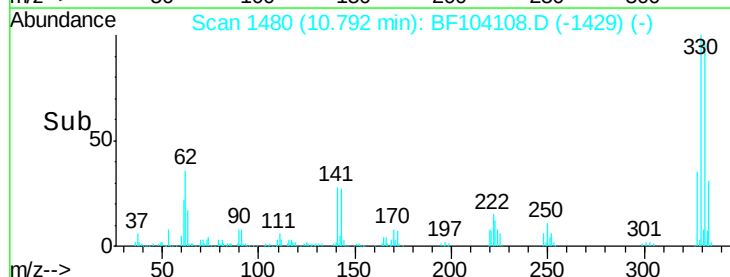
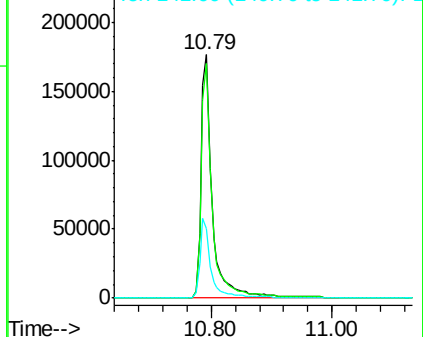


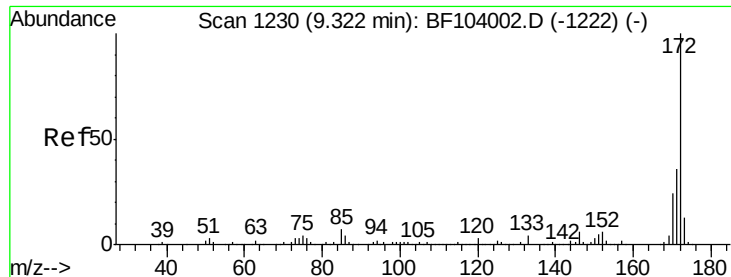
#41
 2,4,6-Tribromophenol
 Concen: 94.055 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF104108.D
 Acq: 30 Mar 2018 22:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	30.9	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



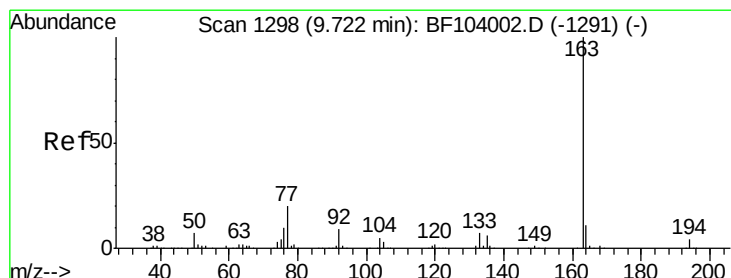
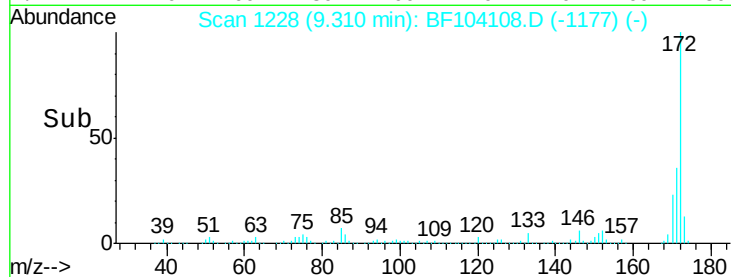
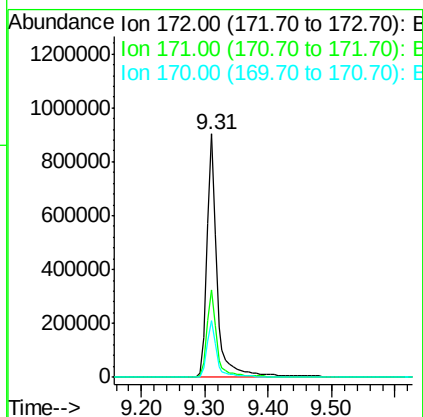
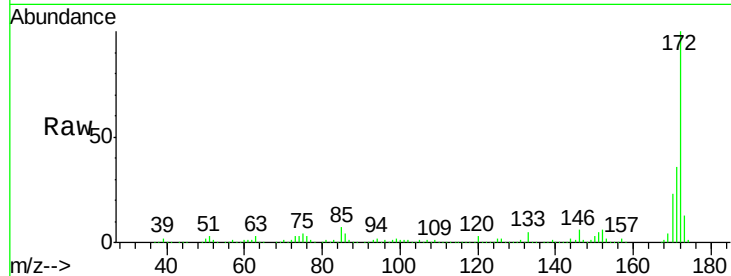


#44
 2-Fluorobiphenyl
 Concen: 72.144 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF104108.D
 Acq: 30 Mar 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1014864

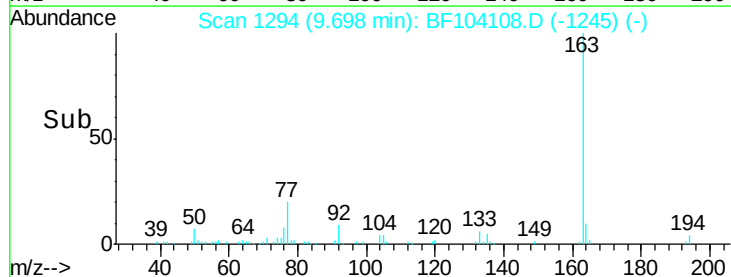
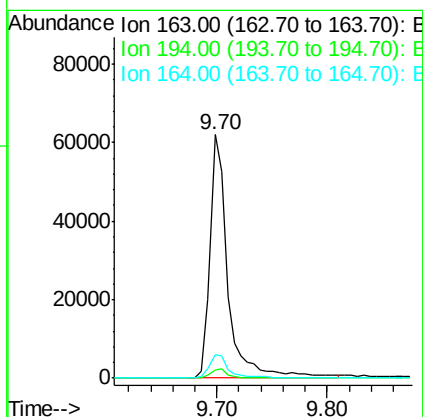
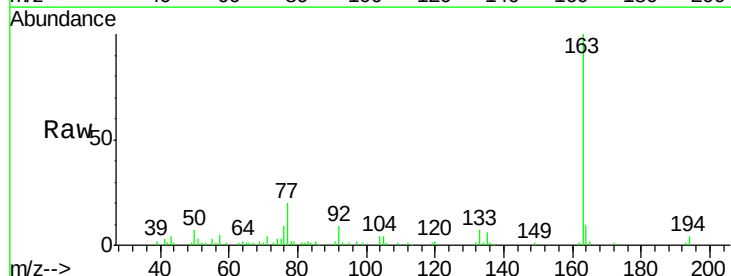
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.5	19.6	29.4

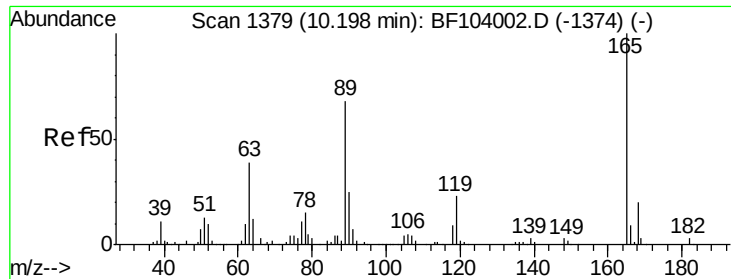


#49
 Dimethylphthalate
 Concen: 3.927 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF104108.D
 Acq: 30 Mar 2018 22:13

Tgt Ion:163 Resp: 68776

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.5	8.2	12.2

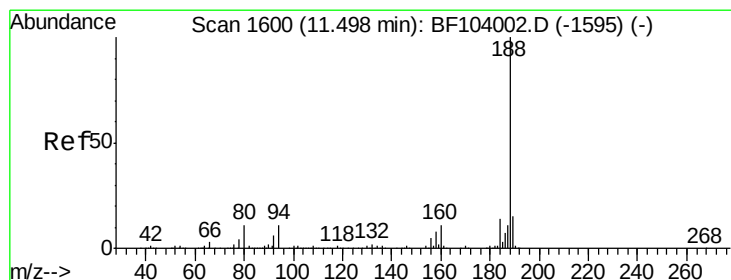
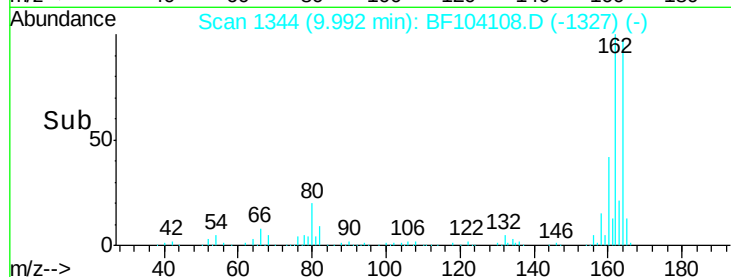
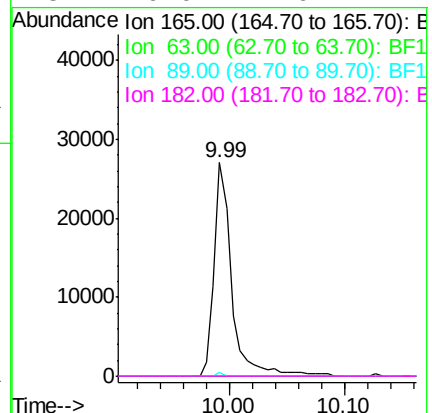
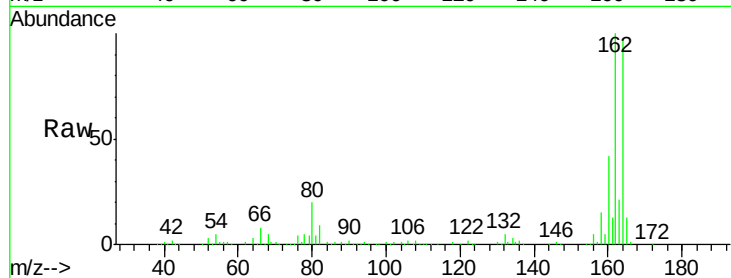




#56
 2,4-Dinitrotoluene
 Concen: 6.018 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.20 min
 Lab File: BF104108.D
 Acq: 30 Mar 2018 22:13

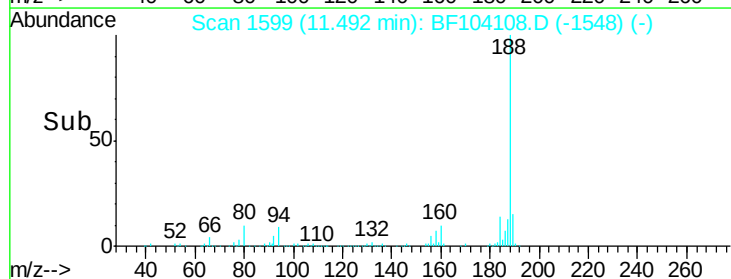
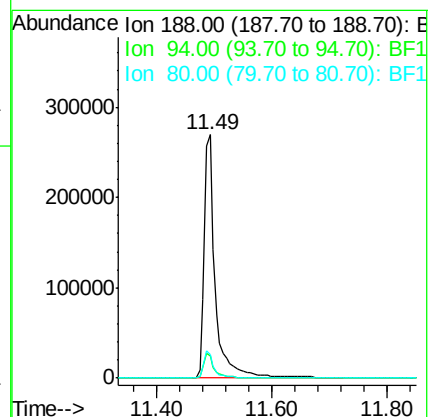
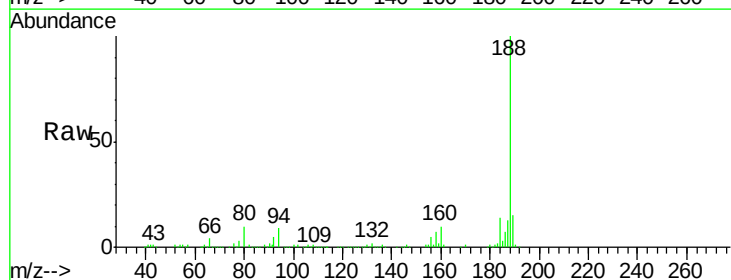
Instrument :
 BNA_F
 ClientSampleId :

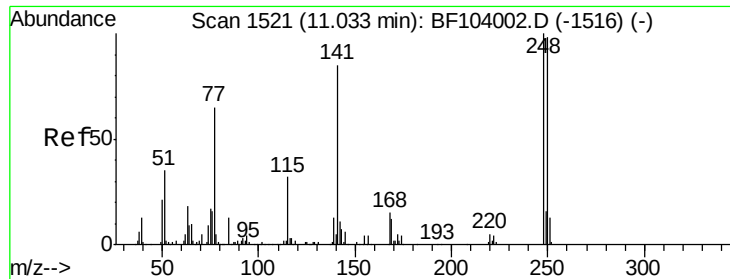
Tot Ion:	165	Resp:	28937
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BF104108.D
 Acq: 30 Mar 2018 22:13

Tgt Ion:	188	Resp:	366615
Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.7	9.2	13.8

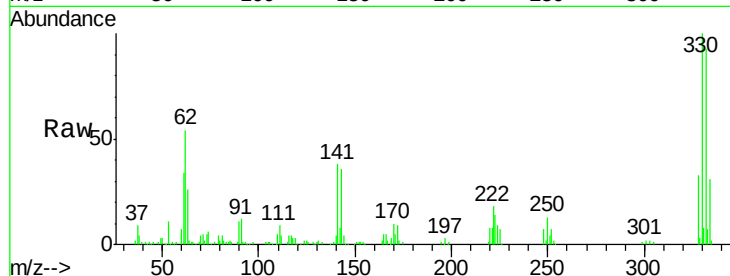




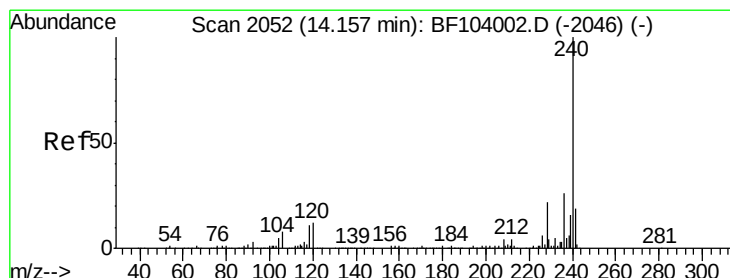
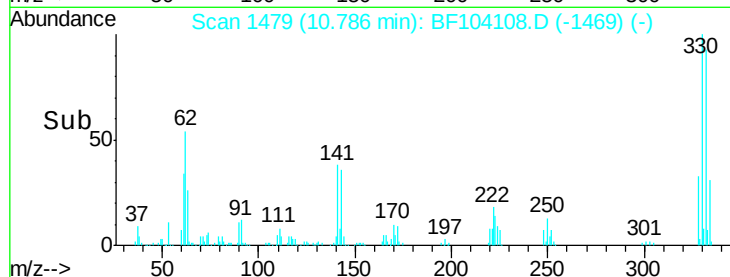
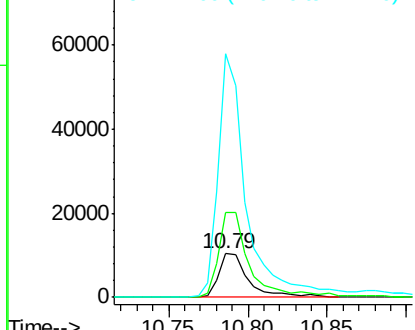
#66
4-Bromophenyl-phenylether
Concen: 3.438 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF104108.D
Acq: 30 Mar 2018 22:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13483
Ion Ratio Lower Upper
248 100
250 196.3 76.9 115.3#
141 560.3 74.4 111.6#

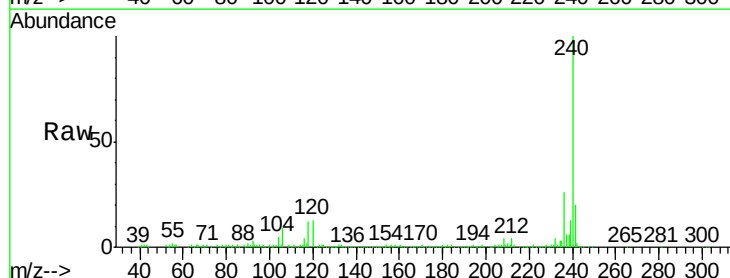


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

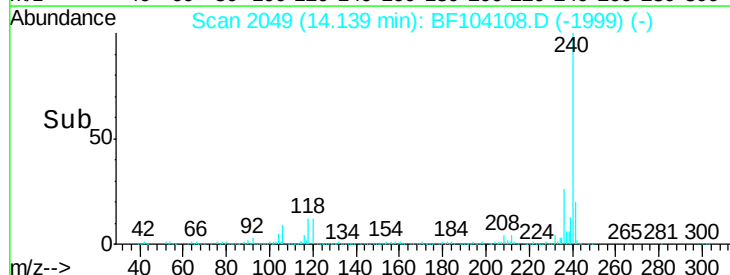
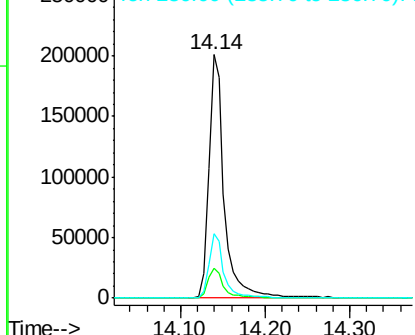


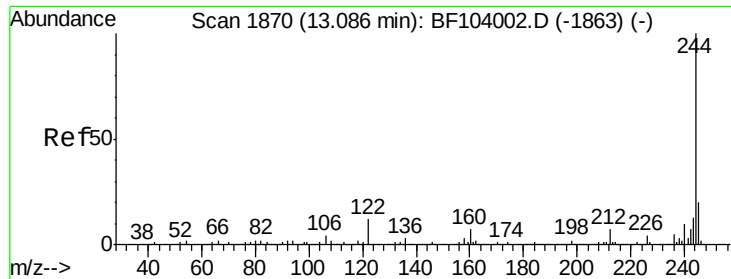
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104108.D
Acq: 30 Mar 2018 22:13

Tgt Ion:240 Resp: 256989
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 26.4 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

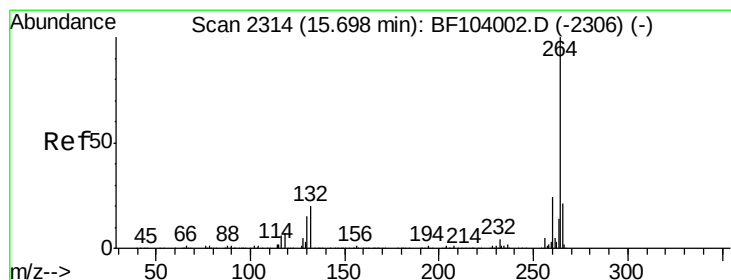
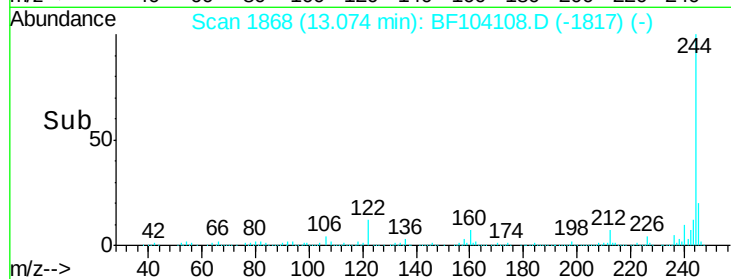
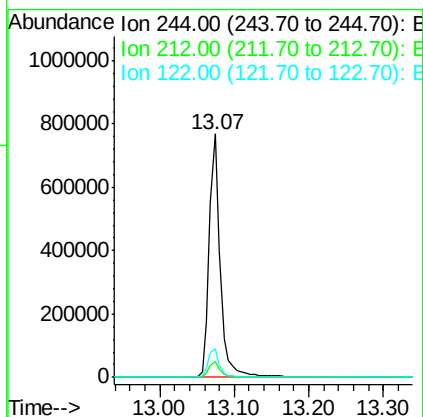
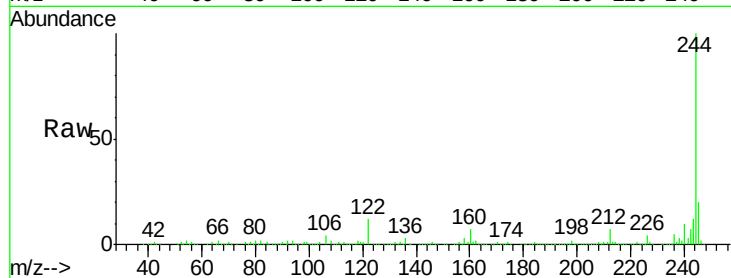




#78
 Terphenyl-d14
 Concen: 71.262 ng
 RT: 13.07 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: BF104108.D
 Acq: 30 Mar 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 793153
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104108.D
 Acq: 30 Mar 2018 22:13

Tgt Ion:264 Resp: 226342
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.3 17.5 26.3

