

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104952.D
 Acq On : 30 Apr 2018 23:54
 Operator : JU/SJ
 Sample : J2597-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 04:40:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	109373	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	438287	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	181992	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	281694	20.00	ng	0.00
75) Chrysene-d12	13.97	240	216616	20.00	ng	0.00
86) Perylene-d12	15.43	264	167854	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	581600	81.31	ng	0.00
7) Phenol-d6	6.43	99	695007	79.08	ng	0.00
23) Nitrobenzene-d5	7.36	82	411696	61.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	141102	74.74	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	741941	64.40	ng	0.00
78) Terphenyl-d14	12.90	244	553991	58.31	ng	-0.01

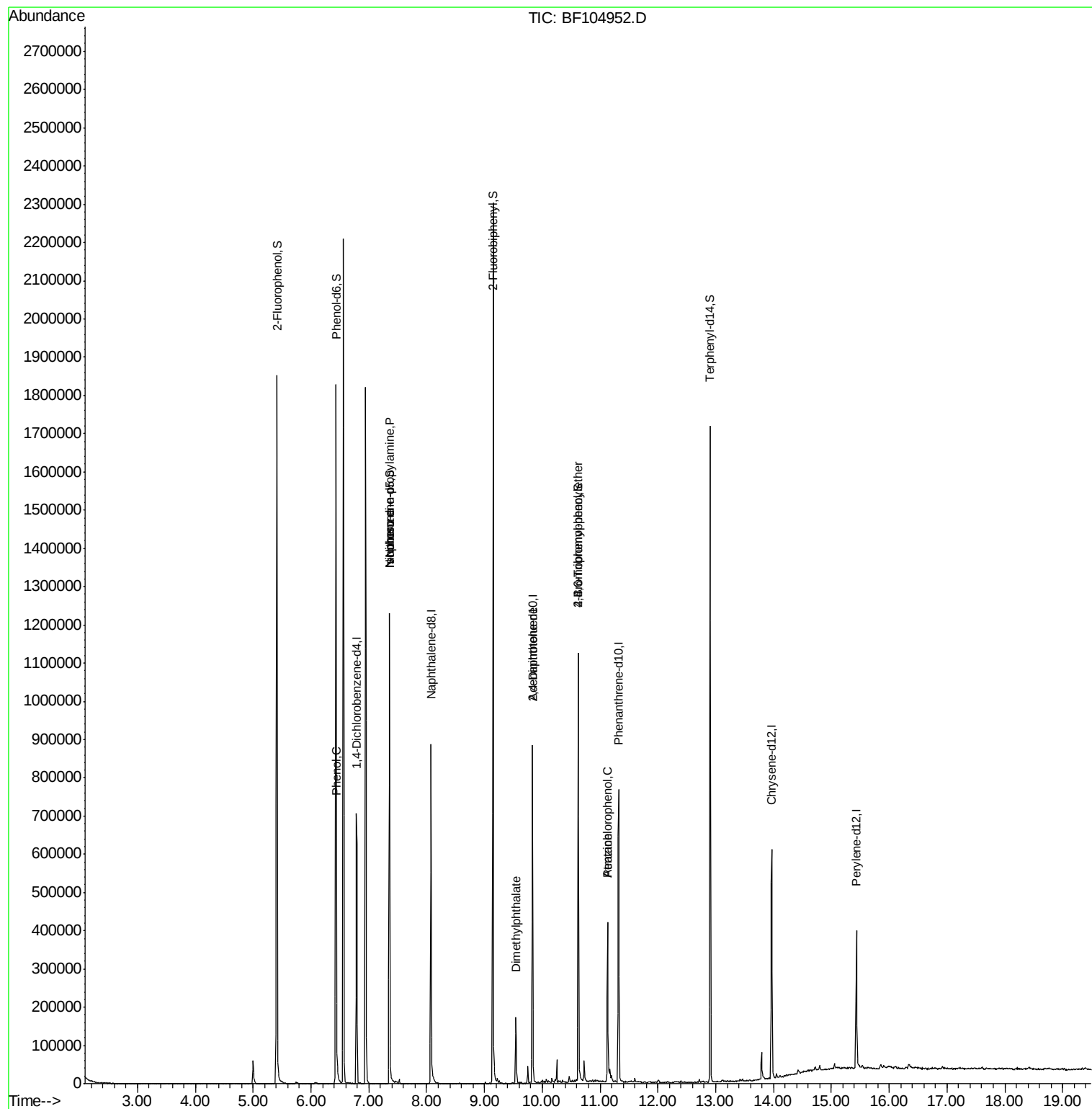
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	37789	4.05	ng	98
19) n-Nitroso-di-n-propylamine	7.36	70	52432	9.13	ng	# 71
25) Isophorone	7.36	82	411691	29.01	ng	# 64
49) Dimethylphthalate	9.55	163	79828	5.56	ng	97
56) 2,4-Dinitrotoluene	9.83	165	23481	6.74	ng	# 22
66) 4-Bromophenyl-phenylether	10.62	248	8924	2.98	ng	# 1
68) Atrazine	11.13	200	10620	3.60	ng	# 37
69) Pentachlorophenol	11.13	266	57870	27.75	ng	98
76) Benzidine	12.90	184	6914	Below Cal		98

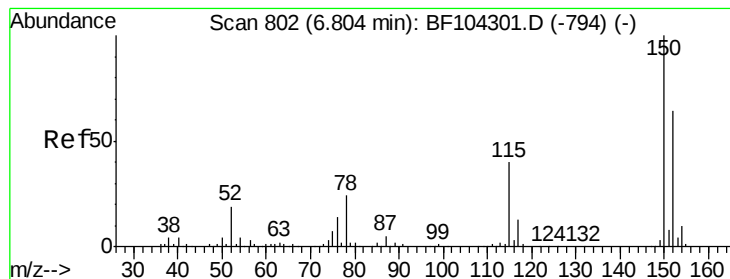
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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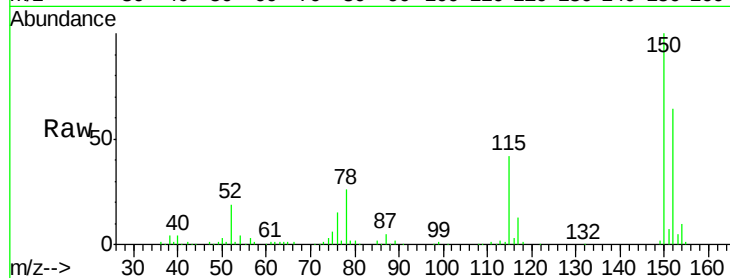


#1

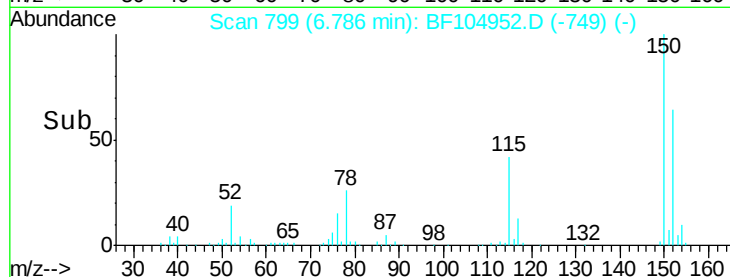
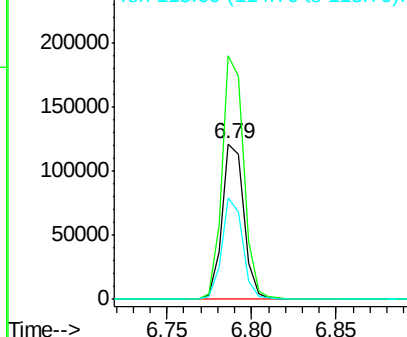
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104952.D
Acq: 30 Apr 2018 23:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109373
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 65.4 50.1 75.1



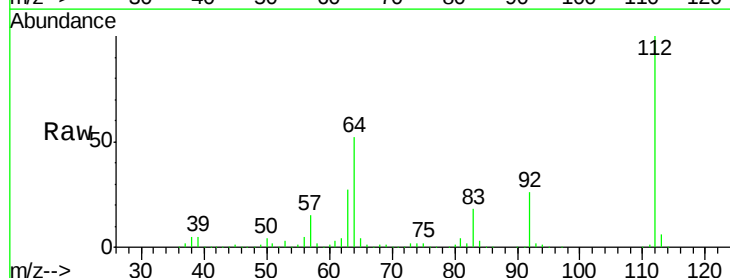
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



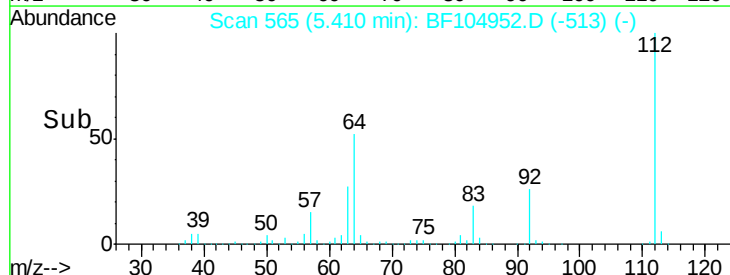
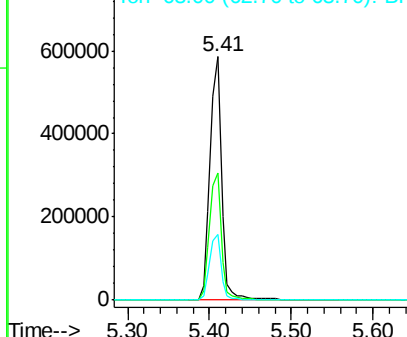
#5

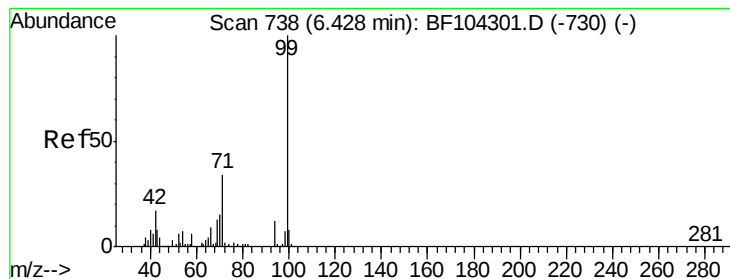
2-Fluorophenol
Concen: 81.31 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104952.D
Acq: 30 Apr 2018 23:54

Tgt Ion:112 Resp: 581600
Ion Ratio Lower Upper
112 100
64 52.5 47.9 71.9
63 26.9 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: 79.08 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104952.D

Acq: 30 Apr 2018 23:54

Instrument :

BNA_F

ClientSampleId :

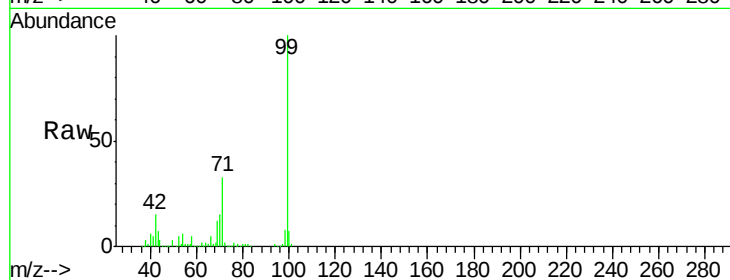
Tot Ion: 99 Resp: 695007

Ion Ratio Lower Upper

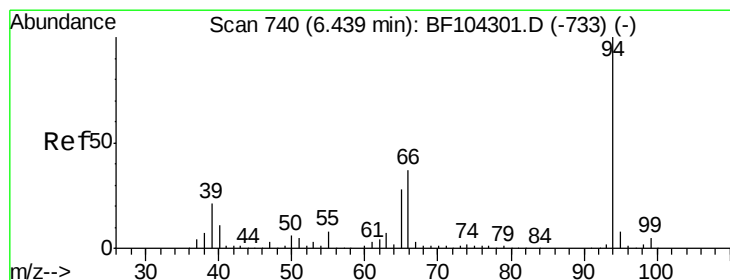
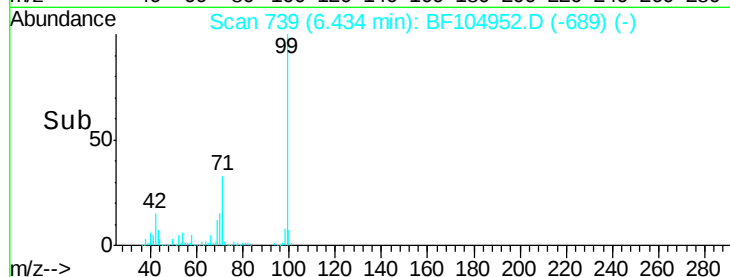
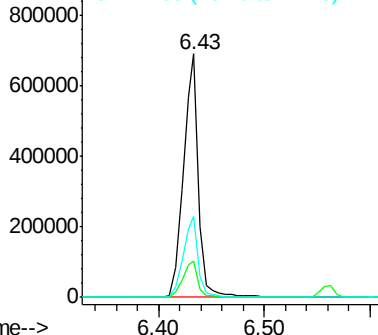
99 100

42 15.1 14.5 21.7

71 33.5 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



#10

Phenol

Concen: 4.05 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF104952.D

Acq: 30 Apr 2018 23:54

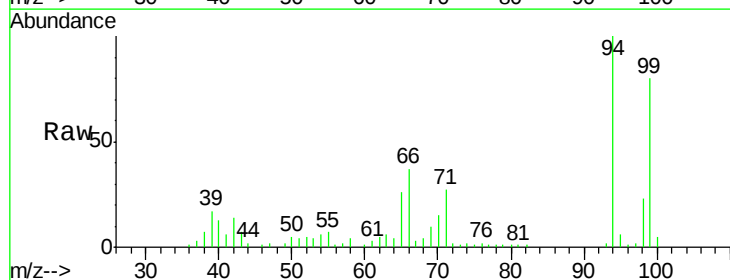
Tgt Ion: 94 Resp: 37789

Ion Ratio Lower Upper

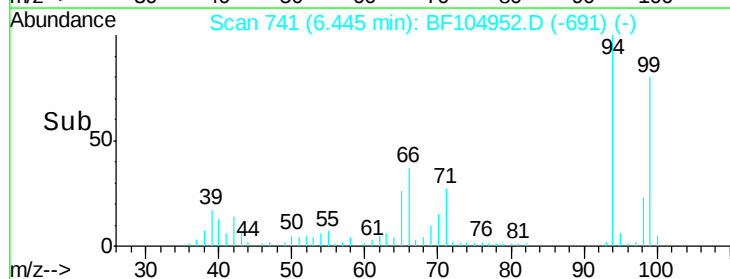
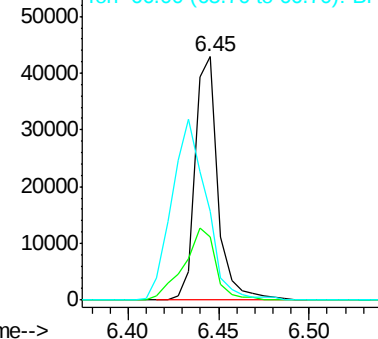
94 100

65 26.2 7.9 47.9

66 36.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

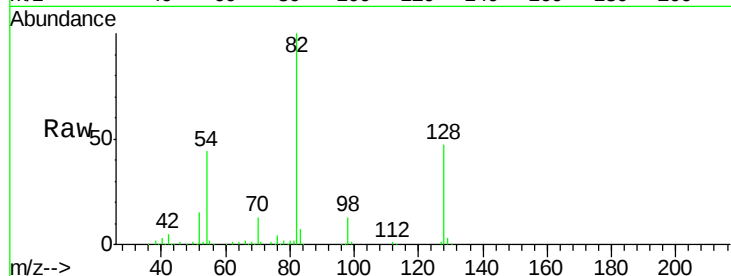




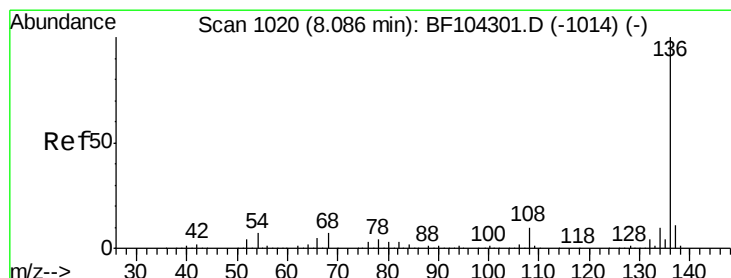
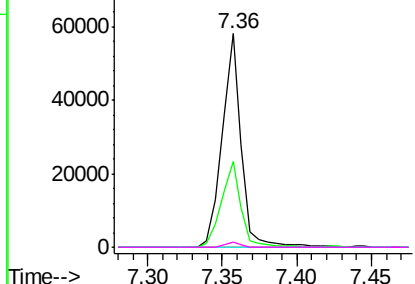
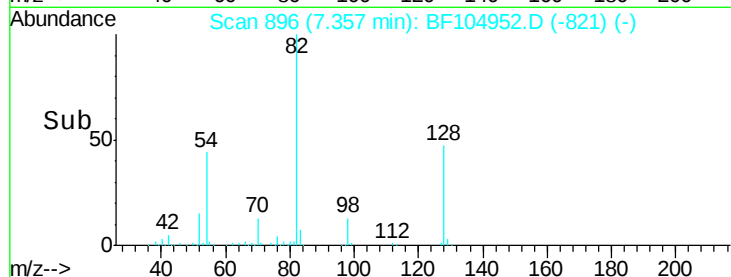
#19
n-Nitroso-di-n-propylamine
Concen: 9.13 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF104952.D
Acq: 30 Apr 2018 23:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 52432
Ion Ratio Lower Upper
70 100
42 40.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#

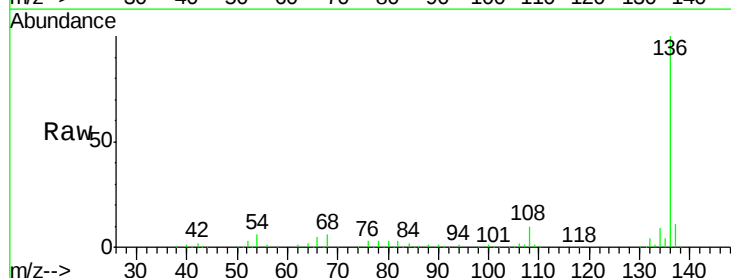


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

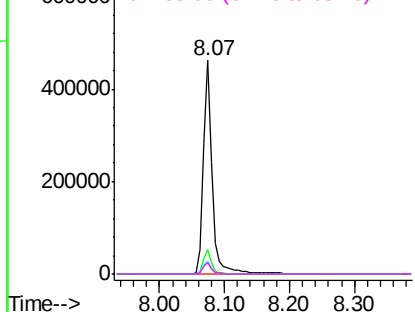
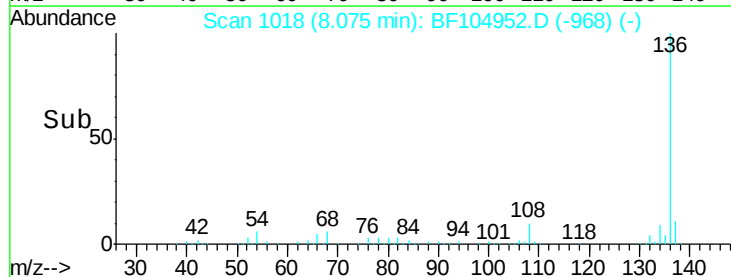


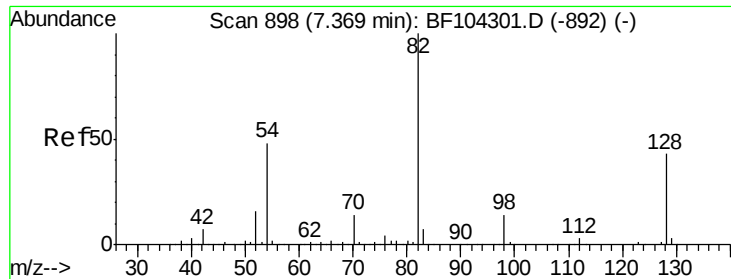
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104952.D
Acq: 30 Apr 2018 23:54

Tgt Ion: 136 Resp: 438287
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 6.3 6.6 9.8#
68 5.6 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

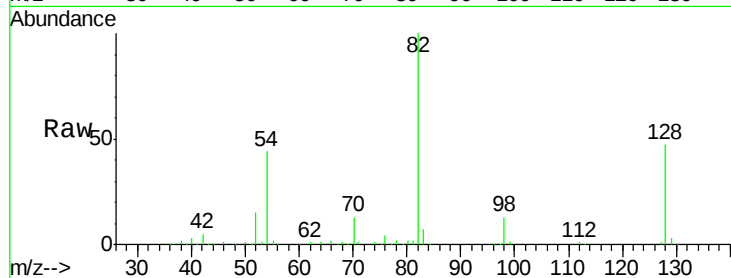




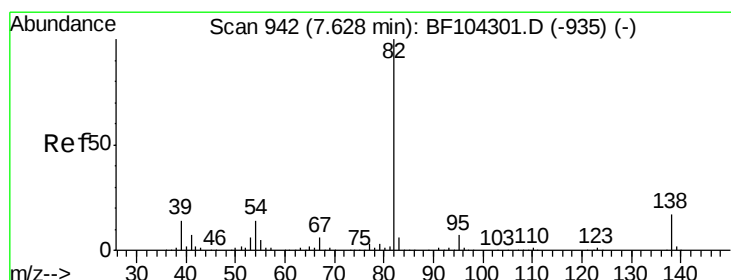
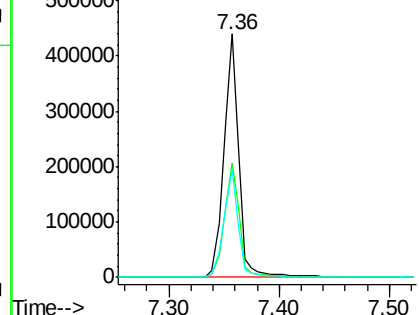
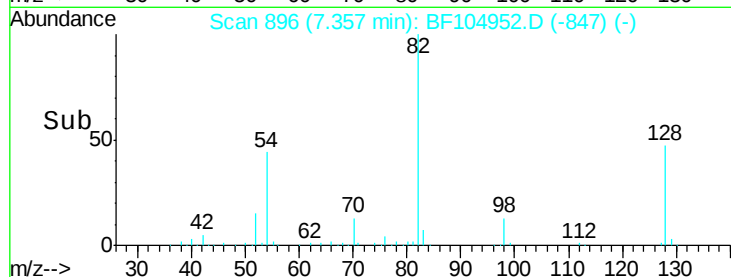
#23
Nitrobenzene-d5
Concen: 61.34 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104952.D
Acq: 30 Apr 2018 23:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	411696
Ion Ratio	100	Lower	Upper
128	46.7	36.1	54.1
54	44.4	41.4	62.2

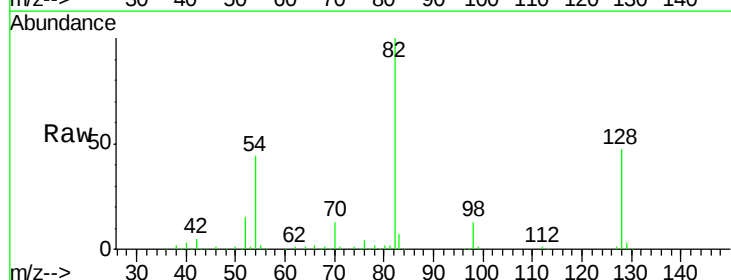


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

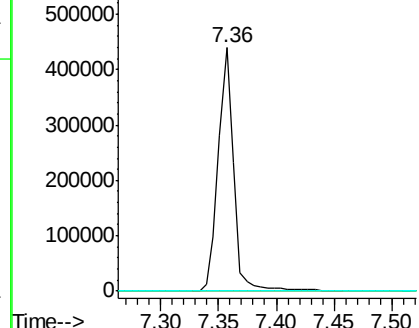
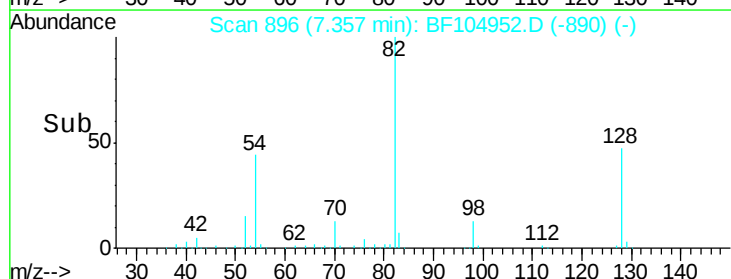


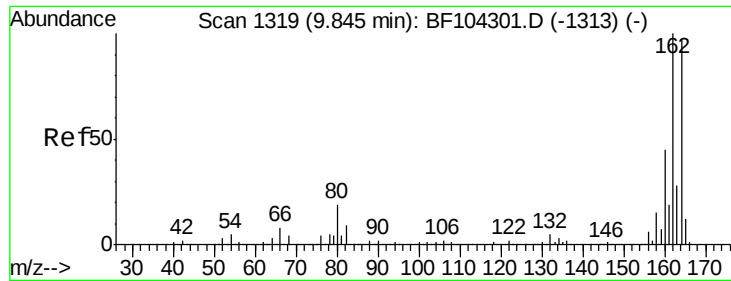
#25
Isophorone
Concen: 29.01 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF104952.D
Acq: 30 Apr 2018 23:54

Tgt Ion	82	Resp	411691
Ion Ratio	100	Lower	Upper
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

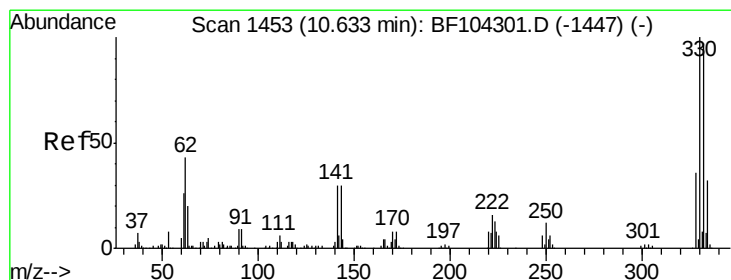
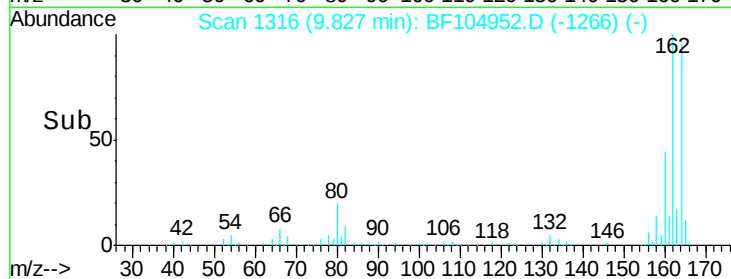
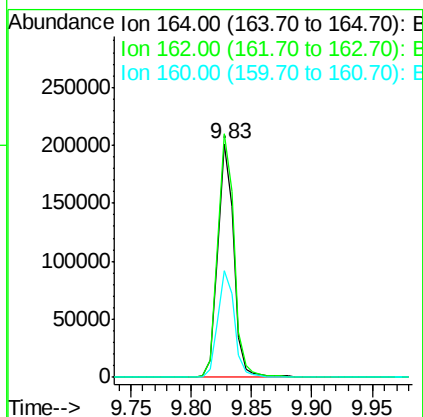
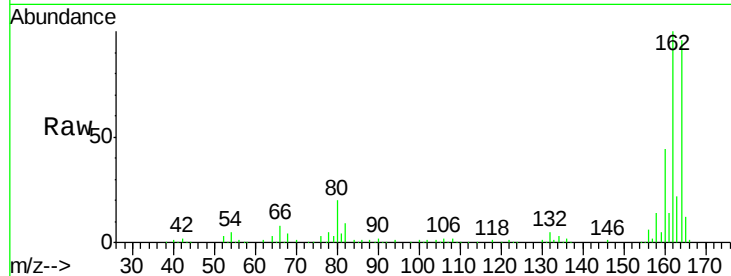




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104952.D
 Acq: 30 Apr 2018 23:54

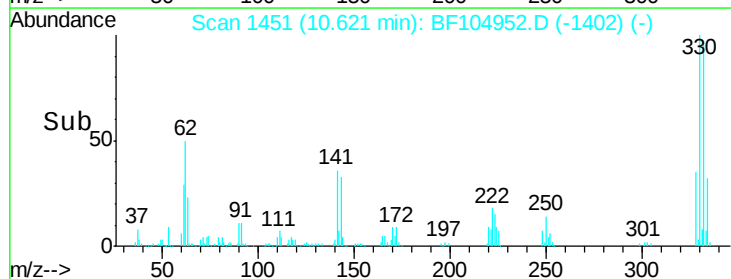
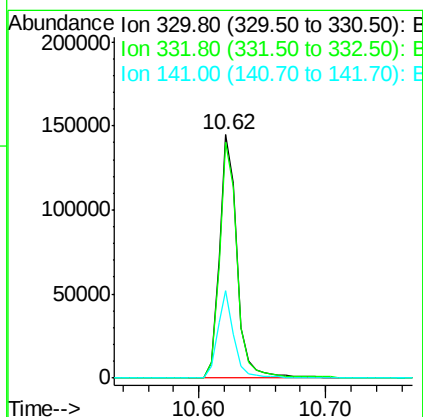
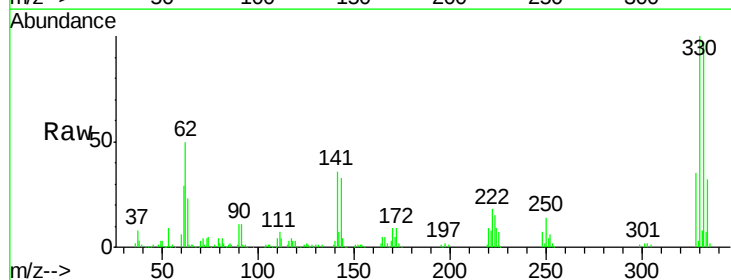
Instrument :
 BNA_F
 ClientSampleId :

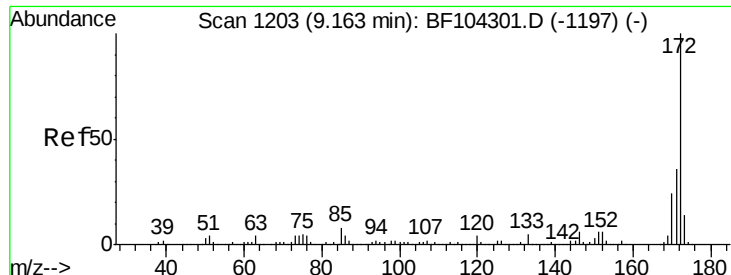
Tot Ion:164 Resp: 181992
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 45.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 74.74 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104952.D
 Acq: 30 Apr 2018 23:54

Tgt Ion:330 Resp: 141102
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 33.3 29.9 44.9

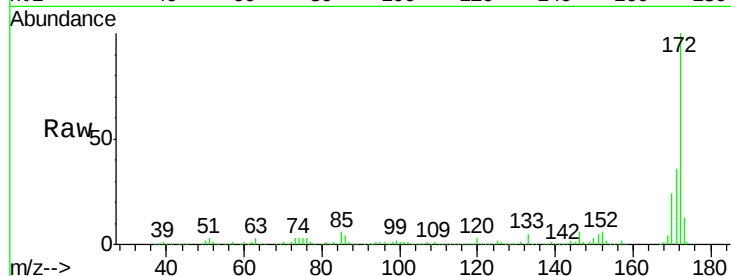




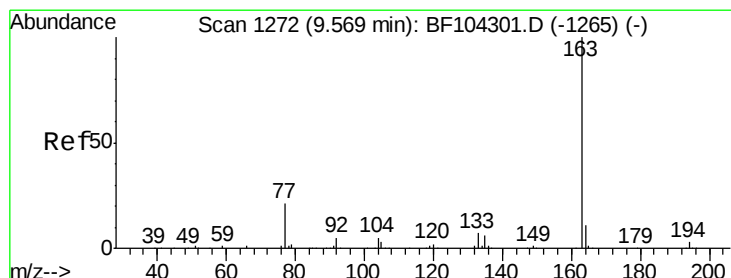
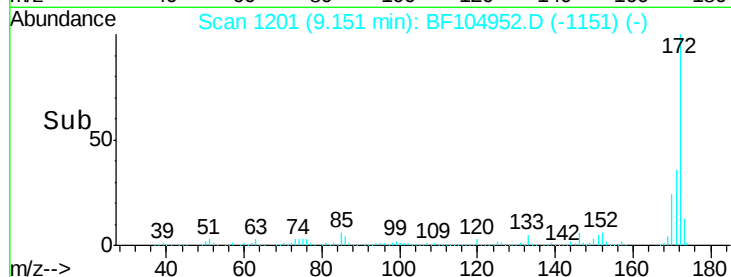
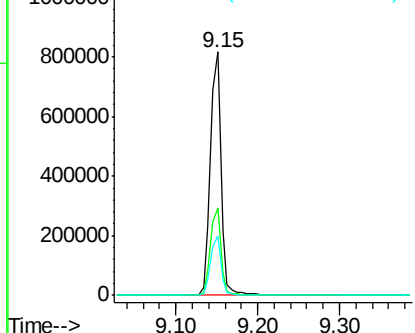
#44
2-Fluorobiphenyl
Concen: 64.40 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF104952.D
Acq: 30 Apr 2018 23:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 741941
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.1 19.6 29.4

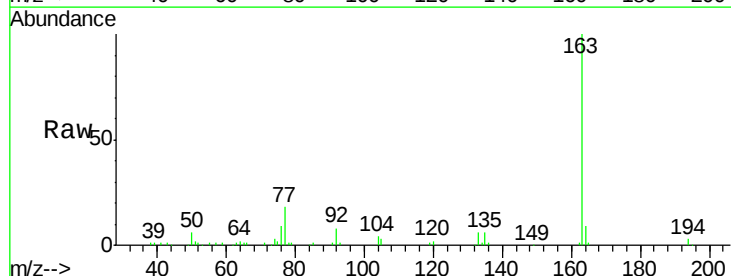


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

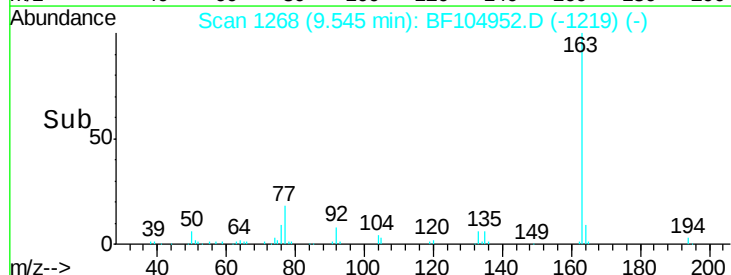
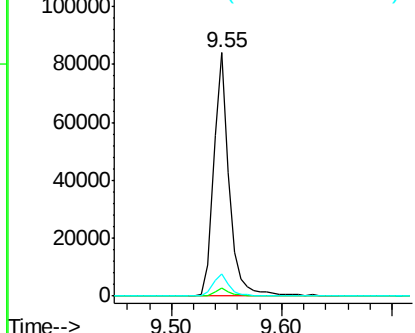


#49
Dimethylphthalate
Concen: 5.56 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104952.D
Acq: 30 Apr 2018 23:54

Tgt Ion:163 Resp: 79828
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 8.9 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

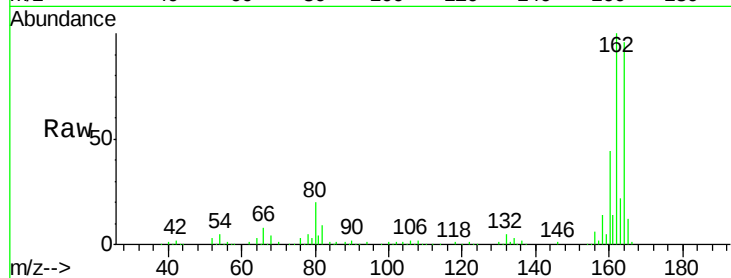




#56
 2,4-Dinitrotoluene
 Concen: 6.74 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF104952.D
 Acq: 30 Apr 2018 23:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	23481
Ion Ratio	Lower	Upper
165 100		
63 0.0	36.4	54.6#
89 1.5	57.8	86.6#
182 0.0	1.6	2.4#

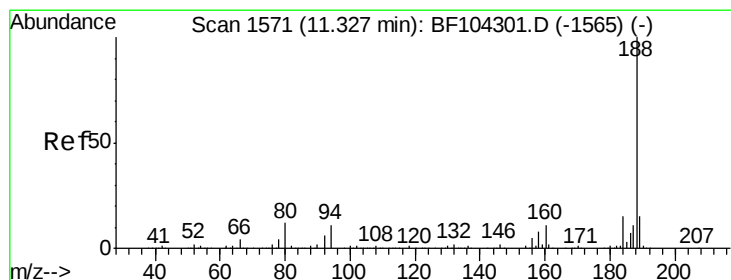
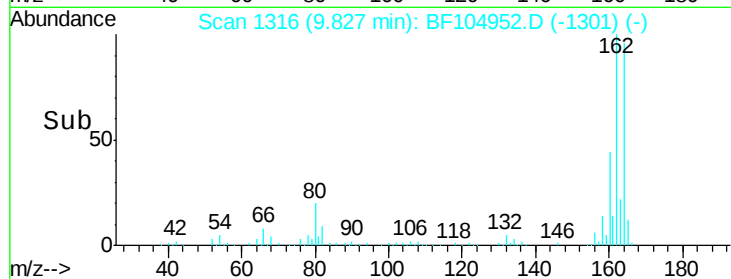
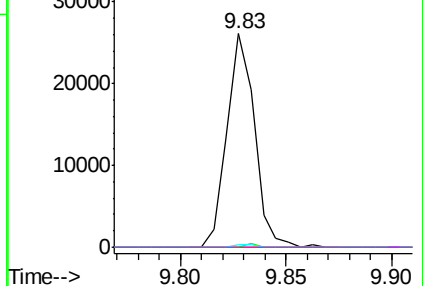


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

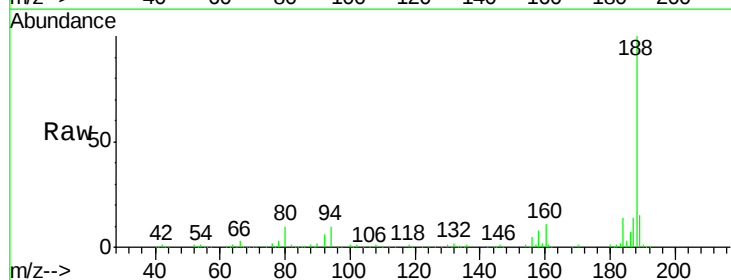
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF104952.D
 Acq: 30 Apr 2018 23:54

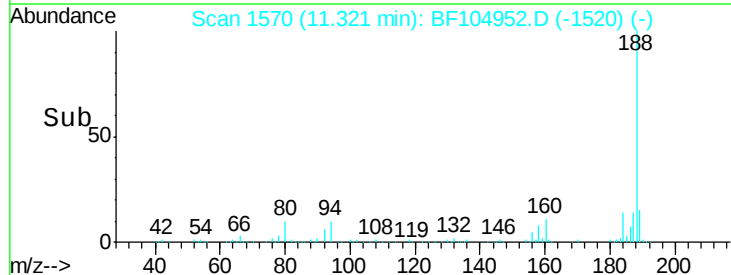
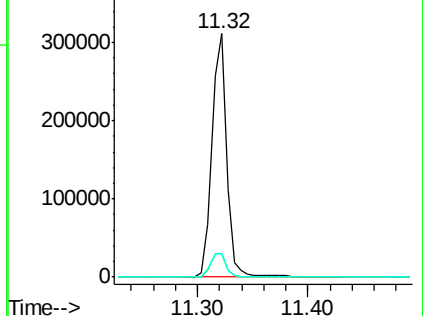
Tgt Ion:188	Resp:	281694
Ion Ratio	Lower	Upper
188 100		
94 9.6	8.5	12.7
80 9.8	9.2	13.8

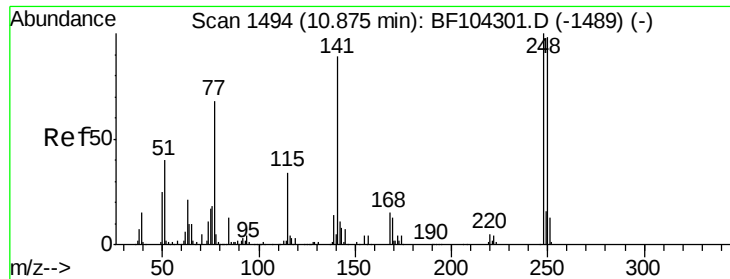


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

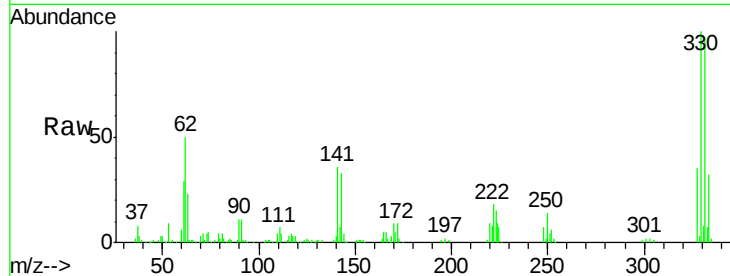




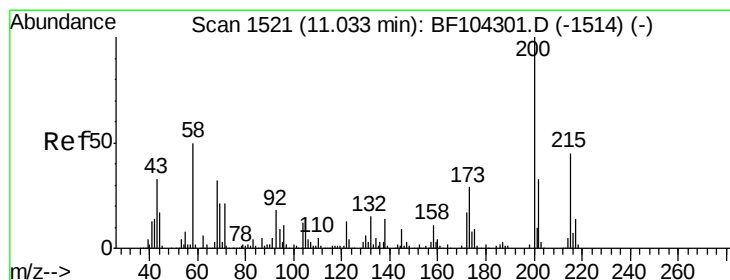
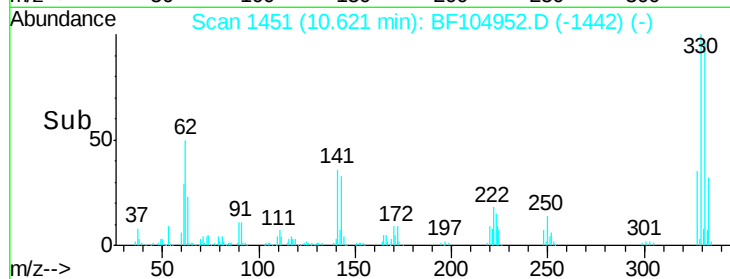
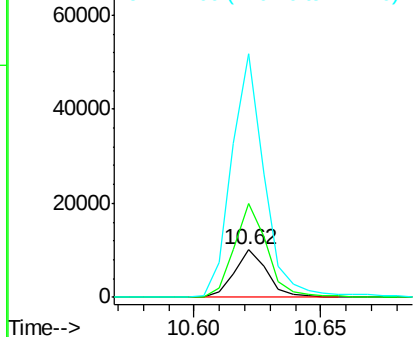
#66
4-Bromophenyl-phenylether
Concen: 2.98 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF104952.D
Acq: 30 Apr 2018 23:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8924
Ion Ratio Lower Upper
248 100
250 197.8 76.9 115.3#
141 516.4 74.4 111.6#

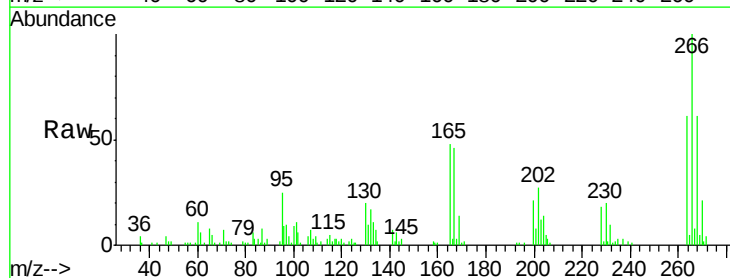


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

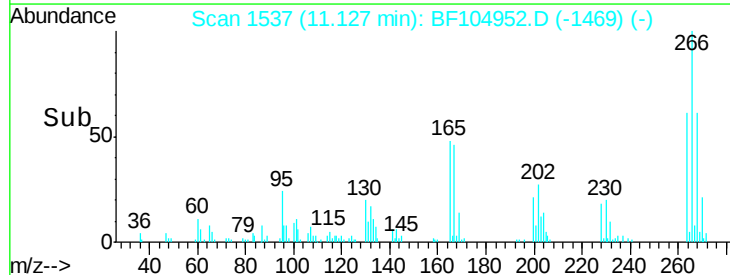
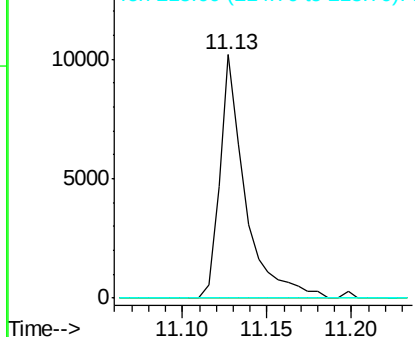


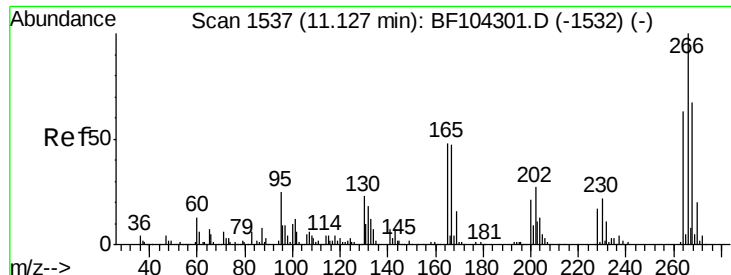
#68
Atrazine
Concen: 3.60 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.10 min
Lab File: BF104952.D
Acq: 30 Apr 2018 23:54

Tgt Ion:200 Resp: 10620
Ion Ratio Lower Upper
200 100
173 0.0 8.6 48.6#
215 0.0 25.1 65.1#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

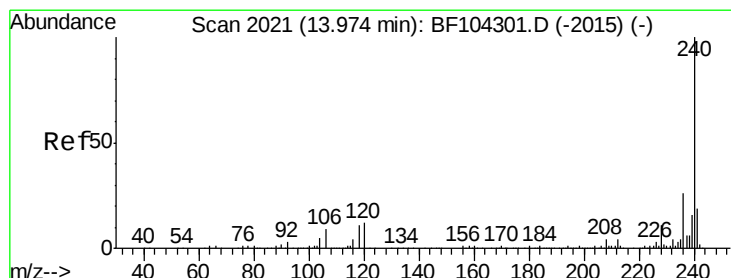
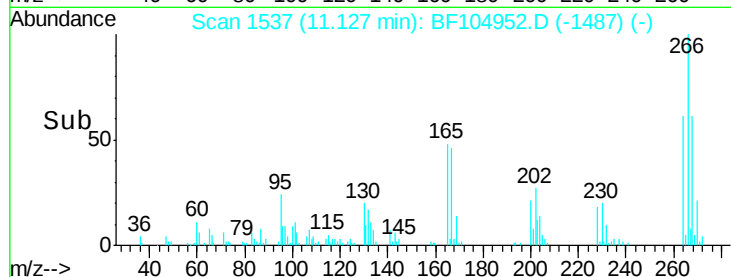
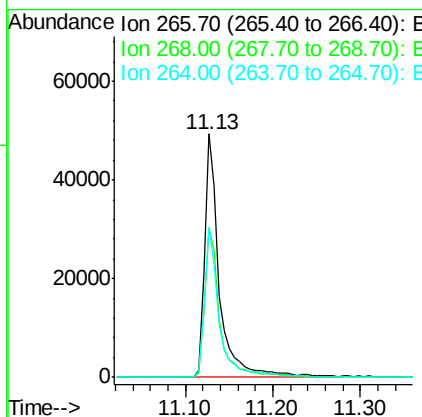
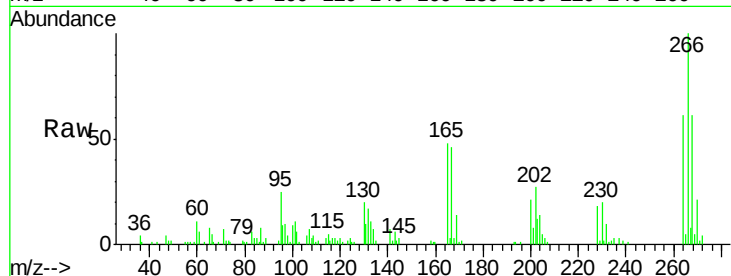




#69
 Pentachlorophenol
 Concen: 27.75 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF104952.D
 Acq: 30 Apr 2018 23:54

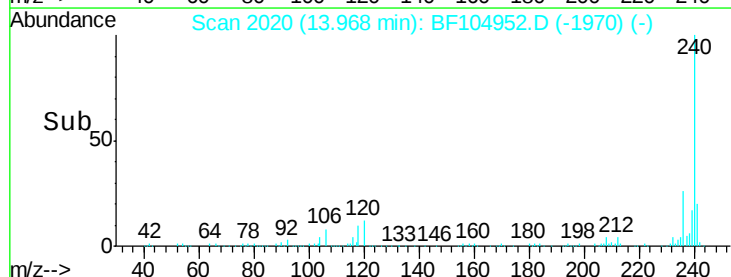
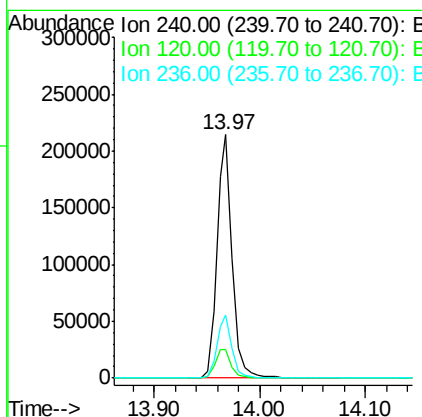
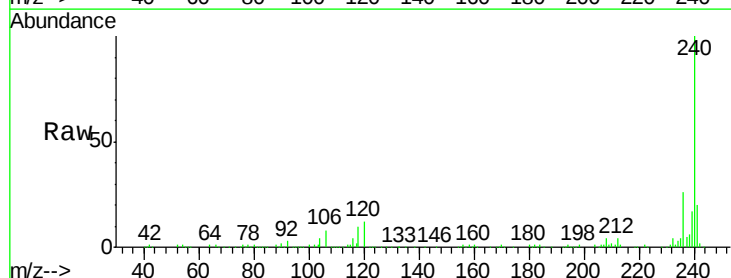
Instrument :
 BNA_F
 ClientSampleId :

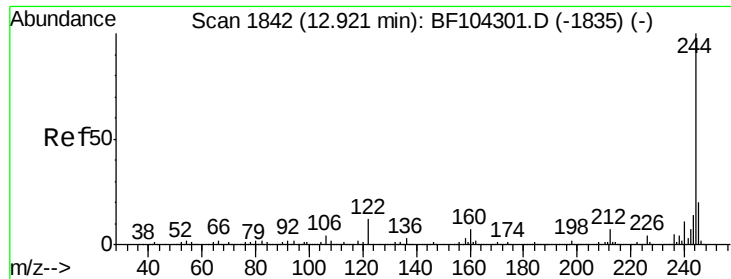
Tot Ion:266 Resp: 57870
 Ion Ratio Lower Upper
 266 100
 268 61.4 51.1 76.7
 264 61.5 49.5 74.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF104952.D
 Acq: 30 Apr 2018 23:54

Tgt Ion:240 Resp: 216616
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.5 14.3
 236 25.8 20.7 31.1

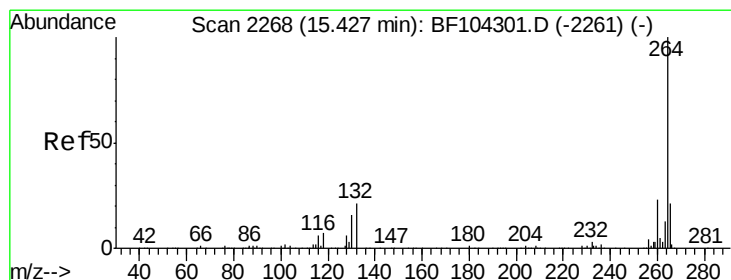
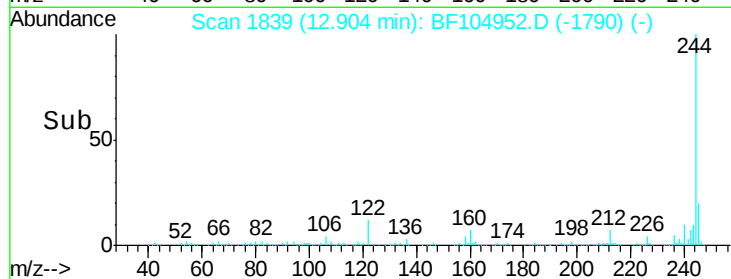
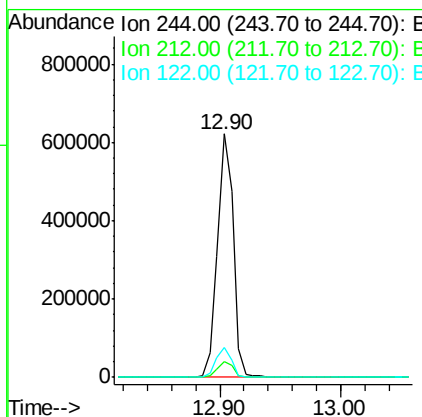
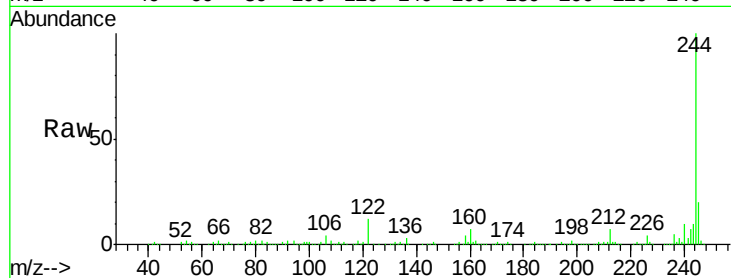




#78
 Terphenyl-d14
 Concen: 58.31 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF104952.D
 Acq: 30 Apr 2018 23:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 553991
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF104952.D
 Acq: 30 Apr 2018 23:54

Tgt Ion:264 Resp: 167854
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 22.8 17.5 26.3

