

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104206.D
 Acq On : 4 Apr 2018 3:12
 Operator : JU/SJ
 Sample : J2182-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 05:13:20 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

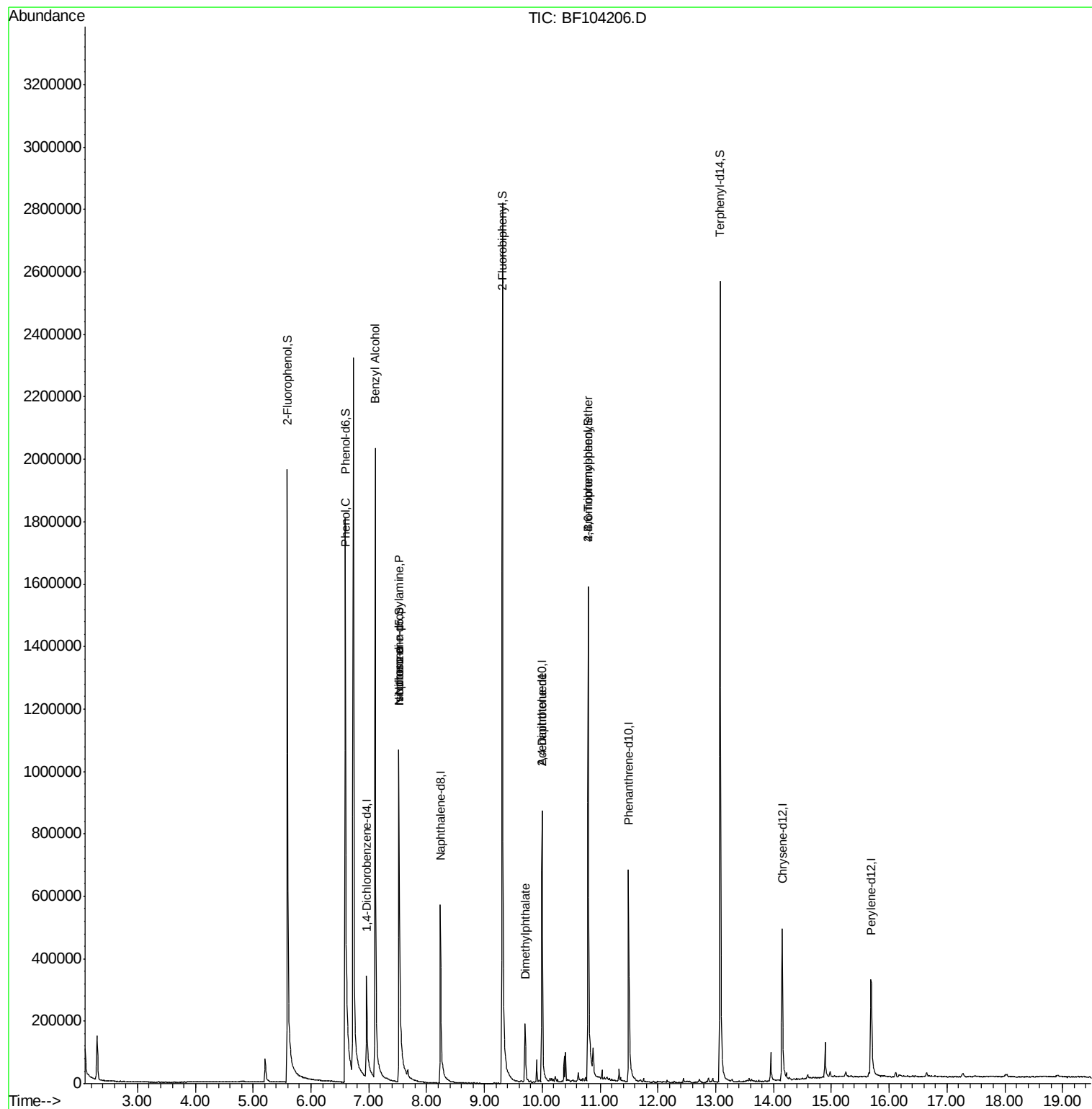
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	102166	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	439324	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	214470	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	400121	20.00	ng	0.00
75) Chrysene-d12	14.15	240	261518	20.00	ng	0.00
86) Perylene-d12	15.69	264	219351	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	840837	131.25	ng	0.00
7) Phenol-d6	6.59	99	1094549	138.87	ng	0.00
23) Nitrobenzene-d5	7.52	82	678765	94.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	297458	124.56	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1234482	90.77	ng	0.00
78) Terphenyl-d14	13.08	244	1123974	99.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	1466	Below Cal	Qvalue	# 1
10) Phenol	6.60	94	20963	2.400 ng	#	1
15) Benzyl Alcohol	7.11	79	10257	2.002 ng	#	42
19) n-Nitroso-di-n-propylamine	7.52	70	81350	17.392 ng	#	72
25) Isophorone	7.52	82	678765	51.270 ng	#	64
49) Dimethylphthalate	9.70	163	109699	6.478 ng		100
56) 2,4-Dinitrotoluene	10.00	165	26867	5.780 ng	#	23
66) 4-Bromophenyl-phenylether	10.79	248	17479	4.083 ng	#	1

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

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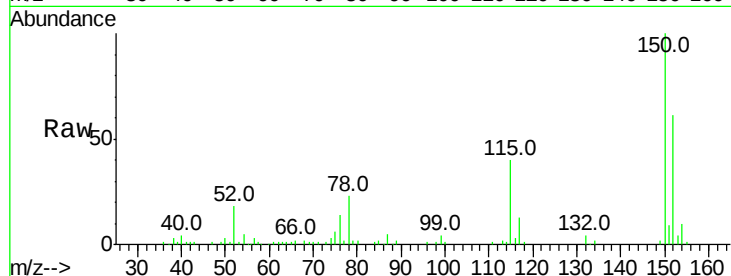


#1

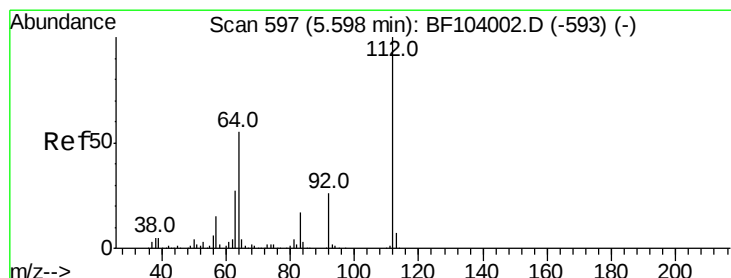
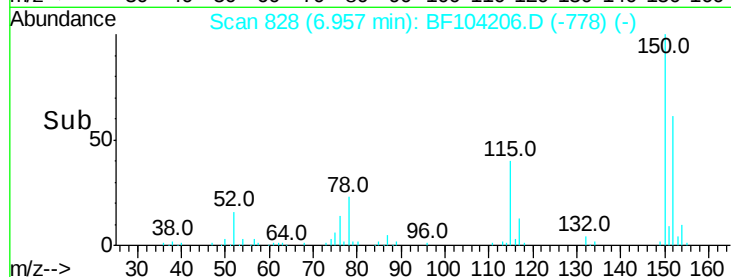
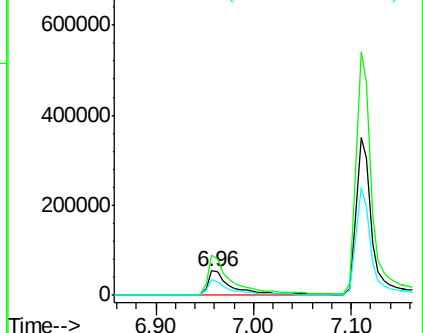
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104206.D
Acq: 4 Apr 2018 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.2	124.6	186.8
115	66.2	50.1	75.1



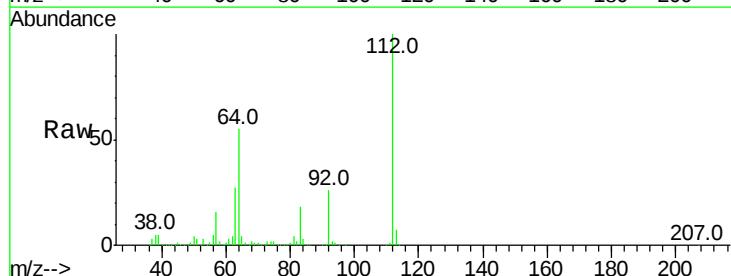
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



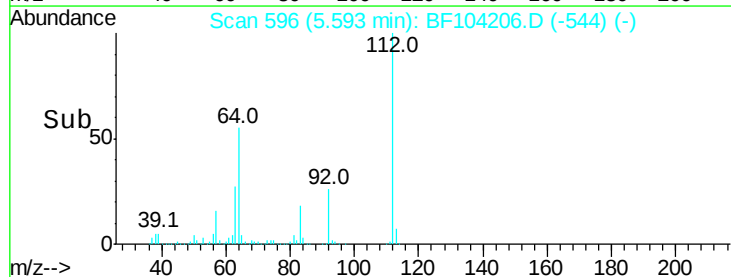
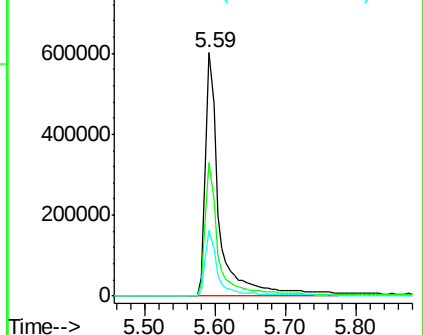
#5

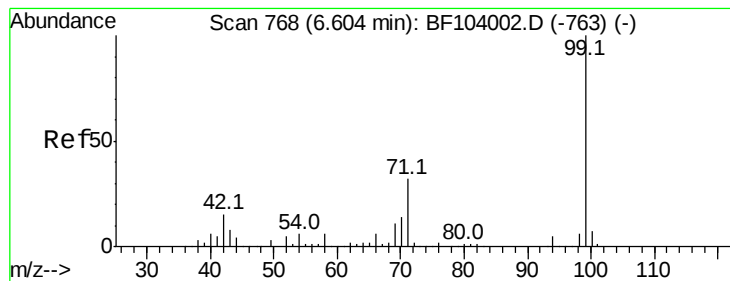
2-Fluorophenol
Concen: 131.249 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104206.D
Acq: 4 Apr 2018 3:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	27.2	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: 138.870 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104206.D

Acq: 4 Apr 2018 3:12

Instrument :

BNA_F

ClientSampleId :

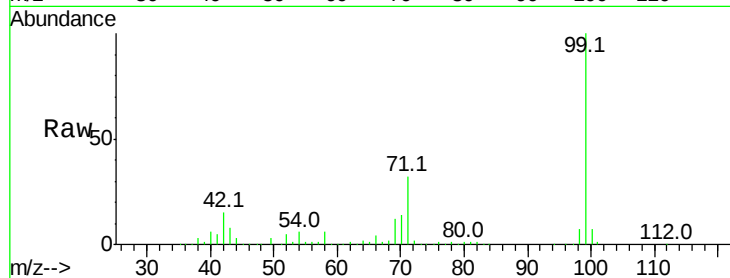
Tot Ion: 99 Resp: 1094549

Ion Ratio Lower Upper

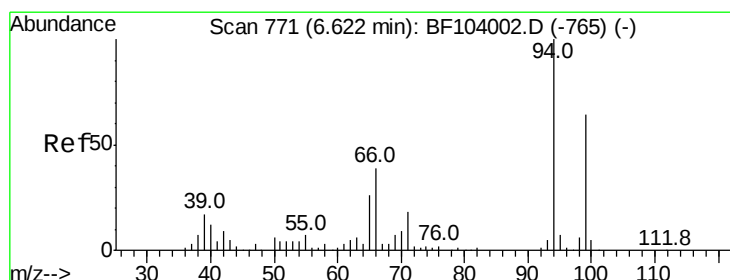
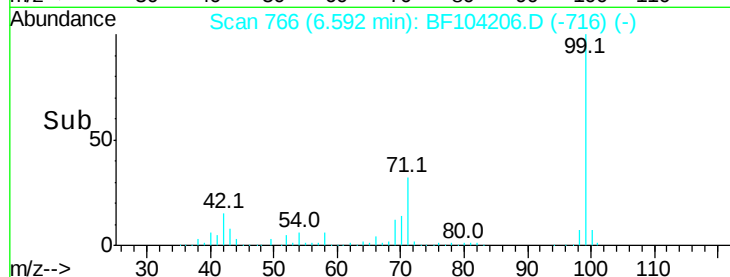
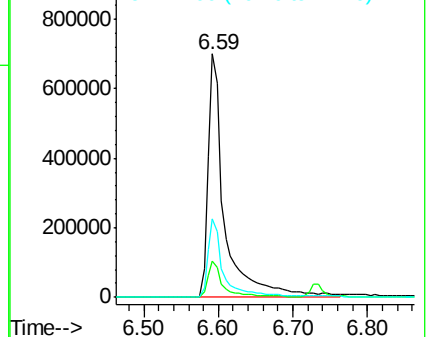
99 100

42 14.9 14.5 21.7

71 32.3 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: 2.400 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF104206.D

Acq: 4 Apr 2018 3:12

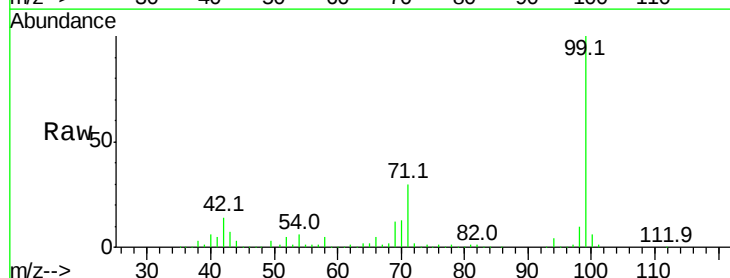
Tgt Ion: 94 Resp: 20963

Ion Ratio Lower Upper

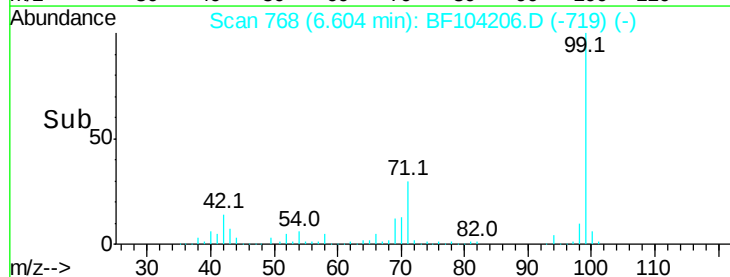
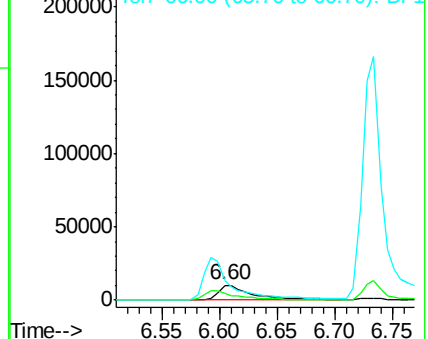
94 100

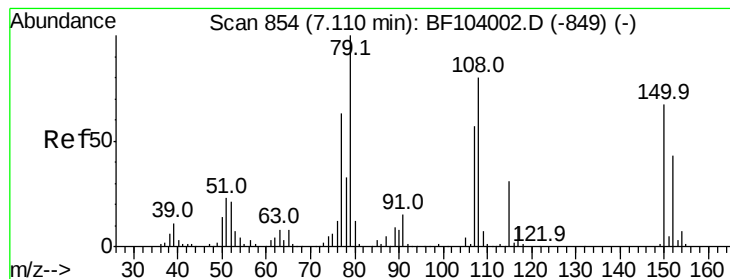
65 46.2 7.9 47.9

66 137.1 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





#15

Benzyl Alcohol

Concen: 2.002 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF104206.D

Acq: 4 Apr 2018 3:12

Instrument :
BNA_F
ClientSampled :

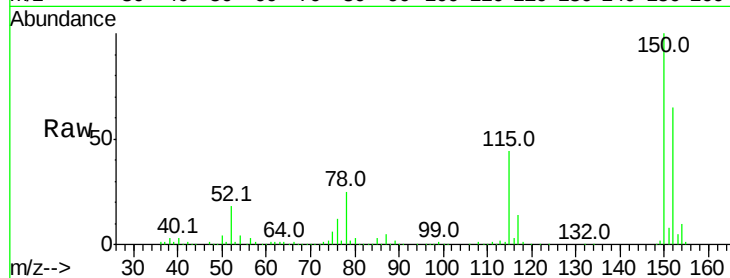
Tot Ion: 79 Resp: 10257

Ion Ratio Lower Upper

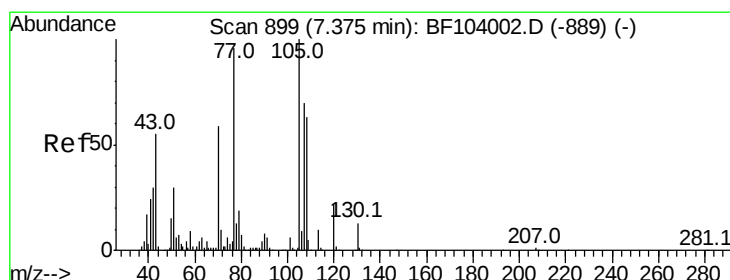
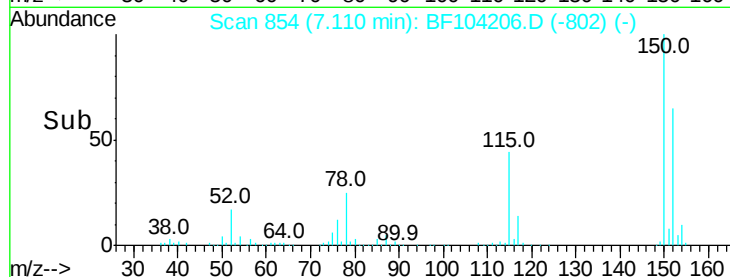
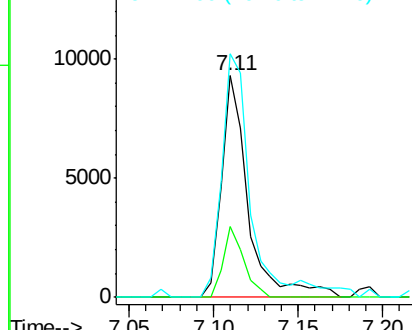
79 100

108 31.7 65.1 97.7#

77 109.9 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 17.392 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.15 min

Lab File: BF104206.D

Acq: 4 Apr 2018 3:12

Tgt Ion: 70 Resp: 81350

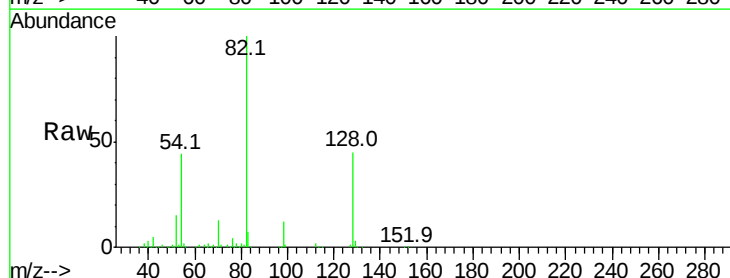
Ion Ratio Lower Upper

70 100

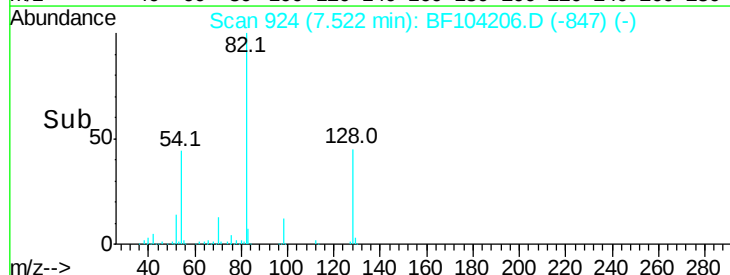
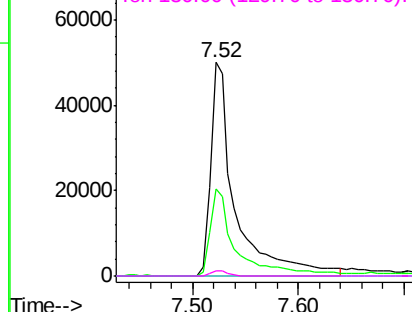
42 40.6 47.5 71.3#

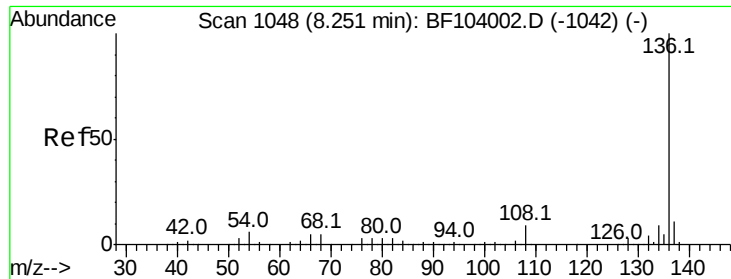
101 0.0 7.4 11.2#

130 2.6 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

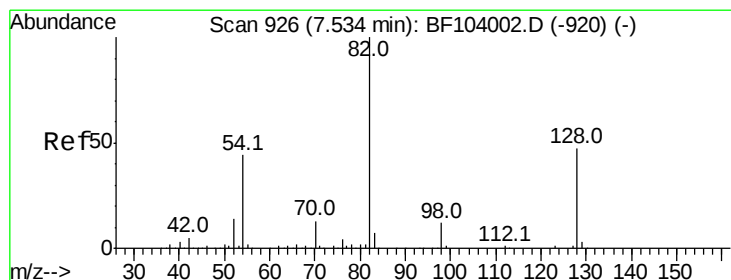
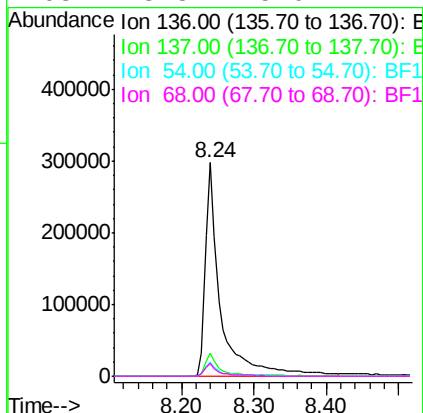
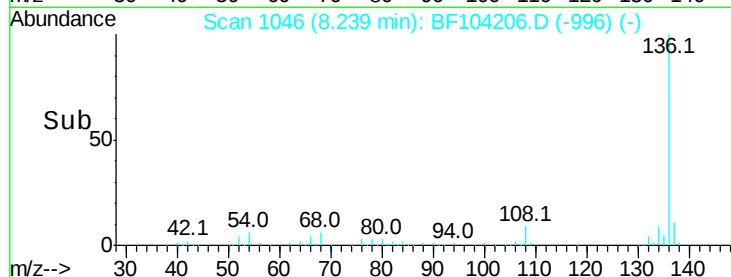
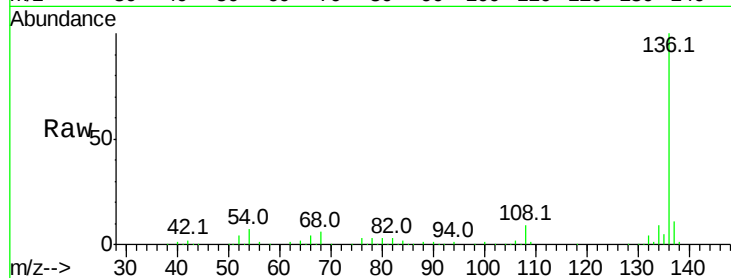




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104206.D
Acq: 4 Apr 2018 3:12

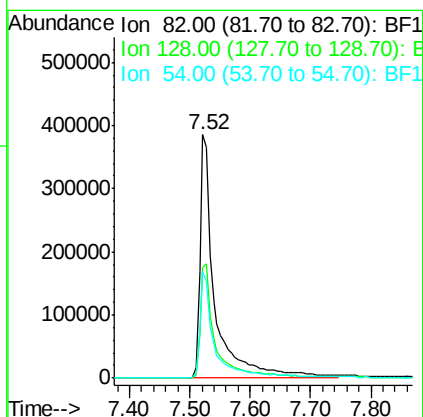
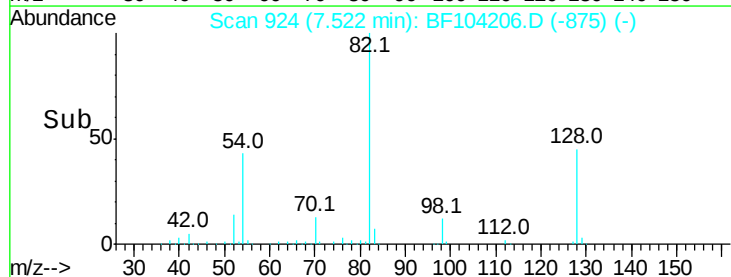
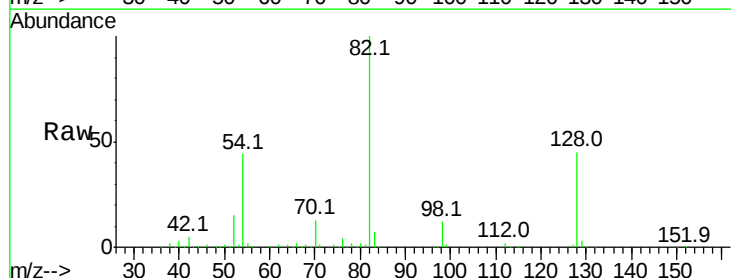
Instrument :
BNA_F
ClientSampled :

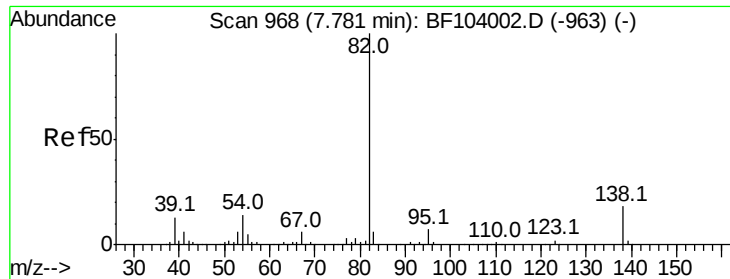
Tot Ion:	136	Resp:	439324
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.6	6.6	9.8
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 94.487 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104206.D
Acq: 4 Apr 2018 3:12

Tgt Ion:	82	Resp:	678765
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	43.6	41.4	62.2

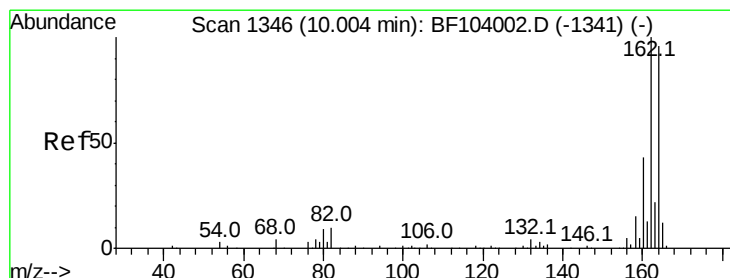
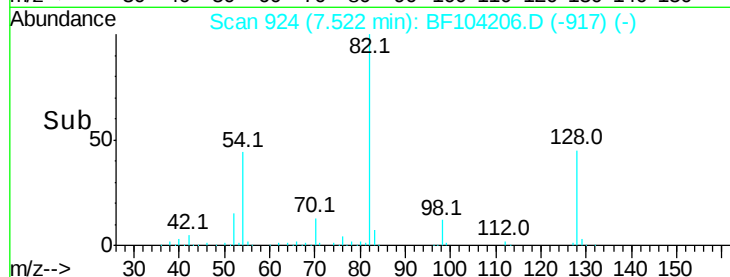
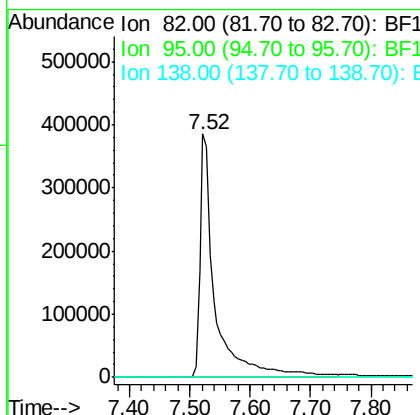
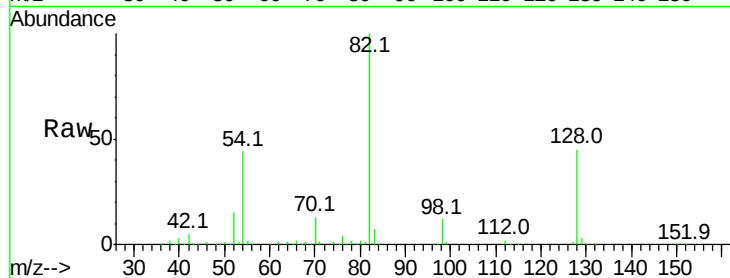




#25
Isophorone
Concen: 51.270 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.26 min
Lab File: BF104206.D
Acq: 4 Apr 2018 3:12

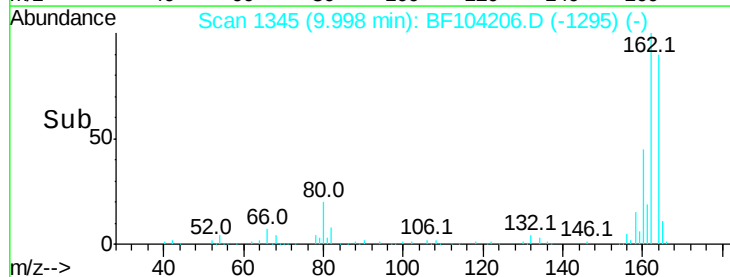
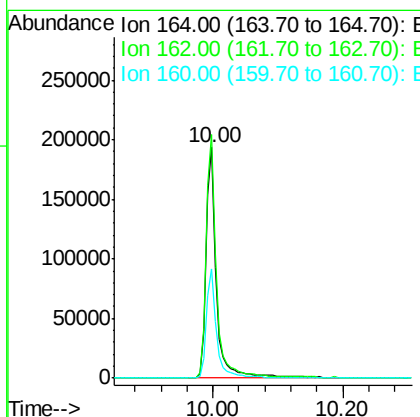
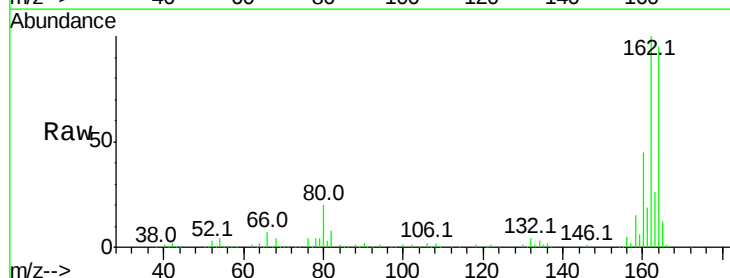
Instrument :
BNA_F
ClientSampled :

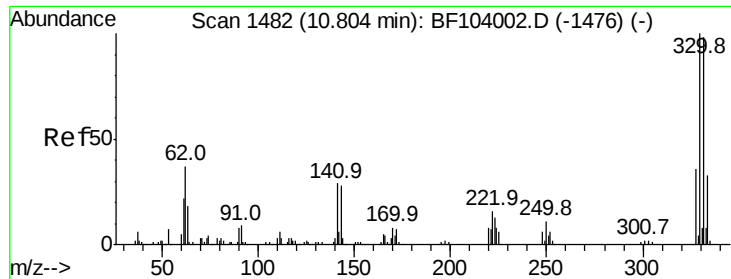
Tot Ion: 82 Resp: 678765
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF104206.D
Acq: 4 Apr 2018 3:12

Tgt Ion:164 Resp: 214470
Ion Ratio Lower Upper
164 100
162 105.7 86.1 129.1
160 47.2 38.3 57.5

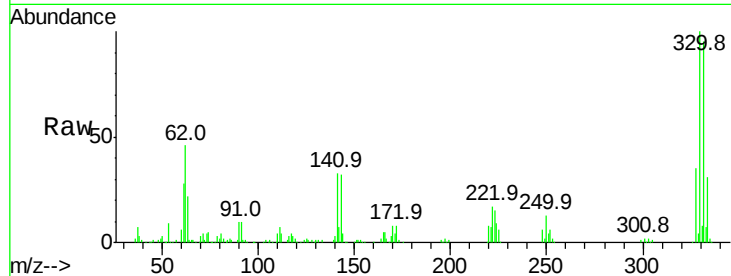




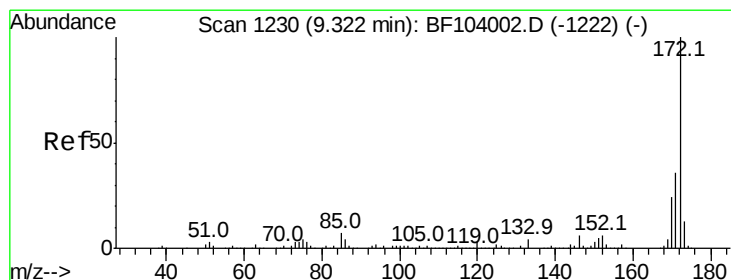
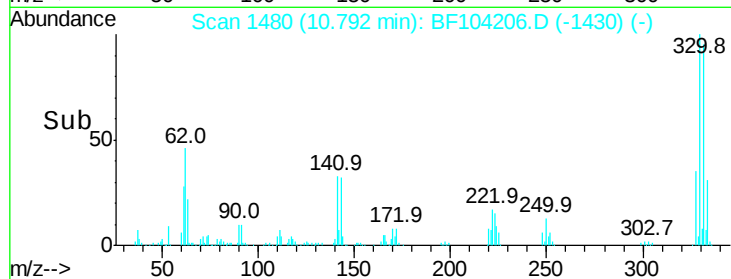
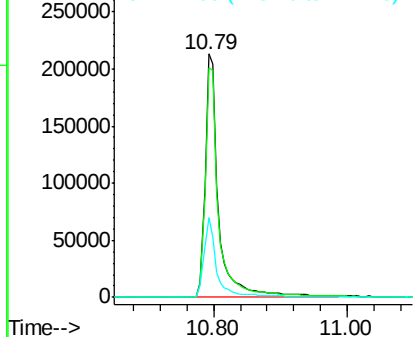
#41
 2,4,6-Tribromophenol
 Concen: 124.557 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104206.D
 Acq: 4 Apr 2018 3:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	31.1	29.9	44.9

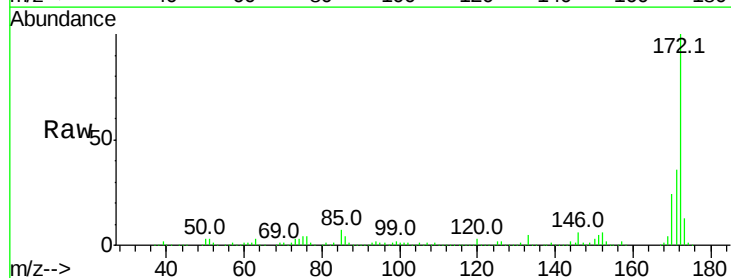


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

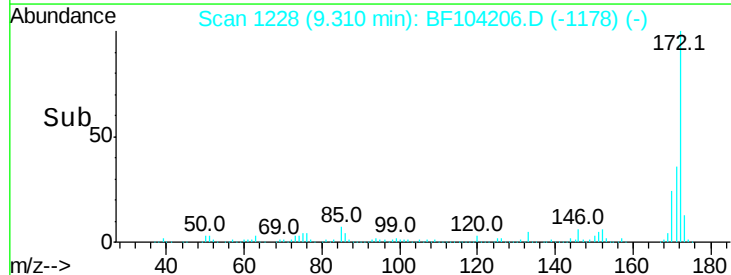
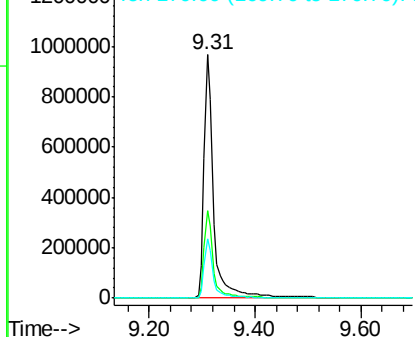


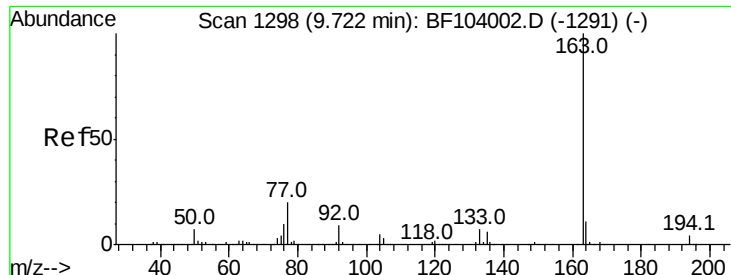
#44
 2-Fluorobiphenyl
 Concen: 90.767 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104206.D
 Acq: 4 Apr 2018 3:12

Tgt 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

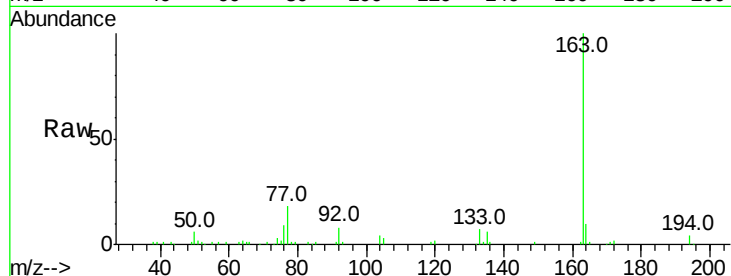




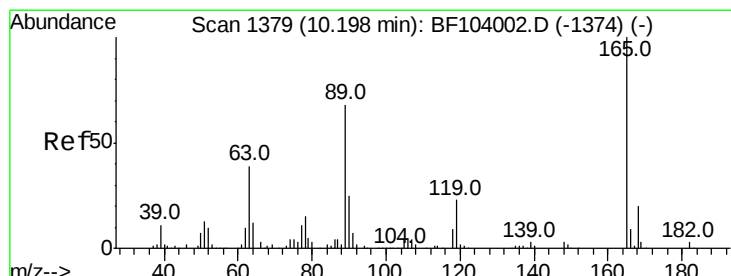
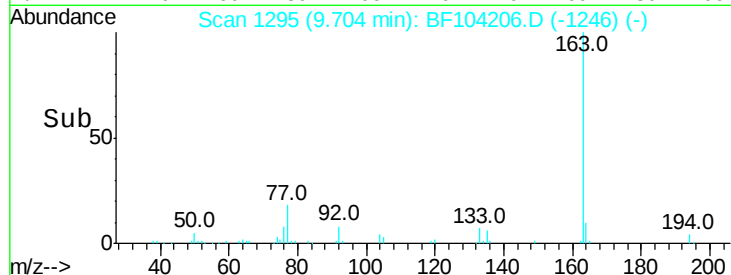
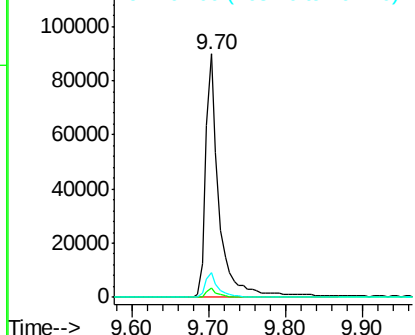
#49
Dimethylphthalate
Concen: 6.478 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104206.D
Acq: 4 Apr 2018 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 109699
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2

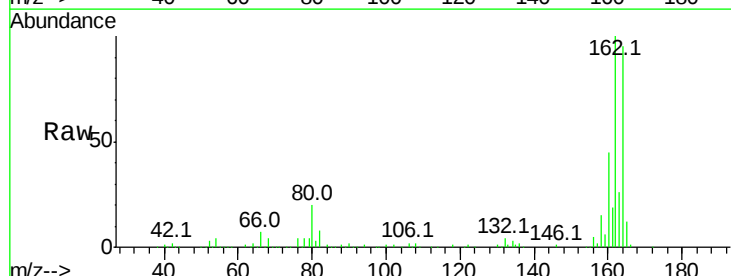


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

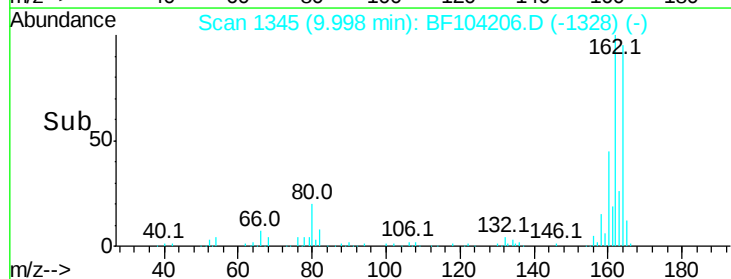
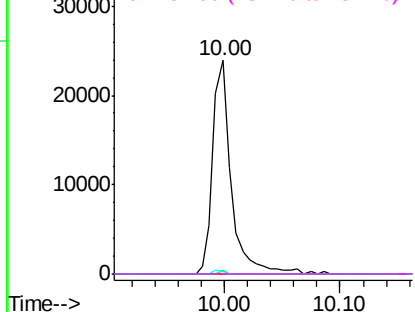


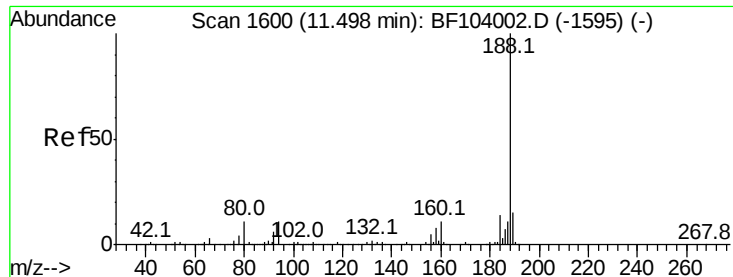
#56
2,4-Dinitrotoluene
Concen: 5.780 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.20 min
Lab File: BF104206.D
Acq: 4 Apr 2018 3:12

Tgt Ion:165 Resp: 26867
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 1.4 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

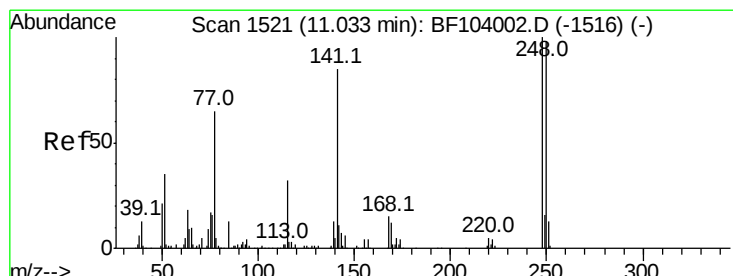
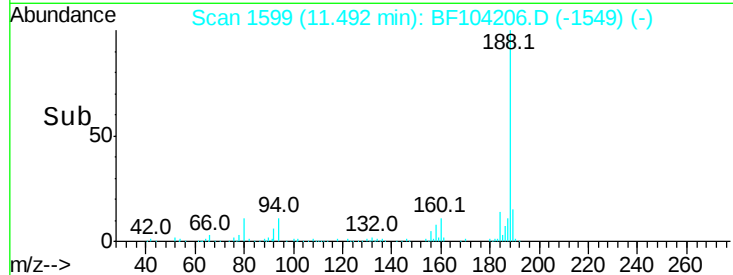
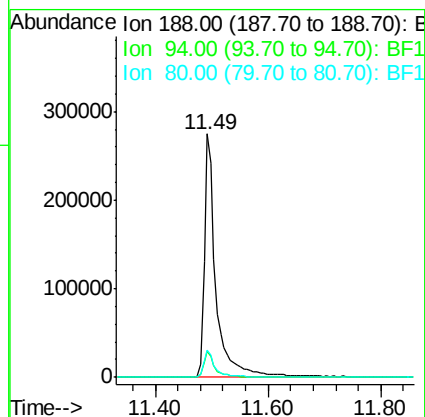
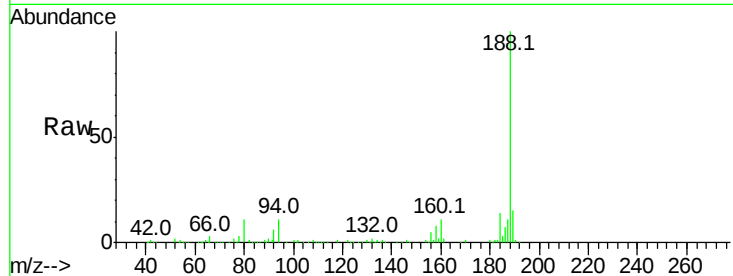




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104206.D
Acq: 4 Apr 2018 3:12

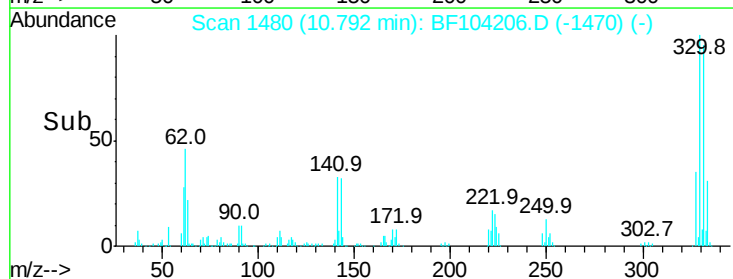
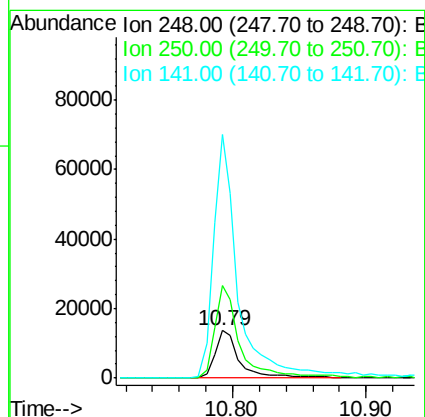
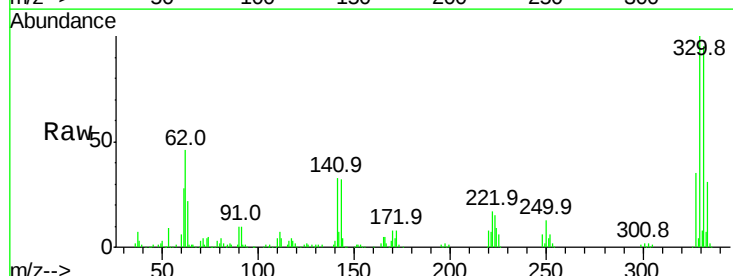
Instrument :
BNA_F
ClientSampleId :

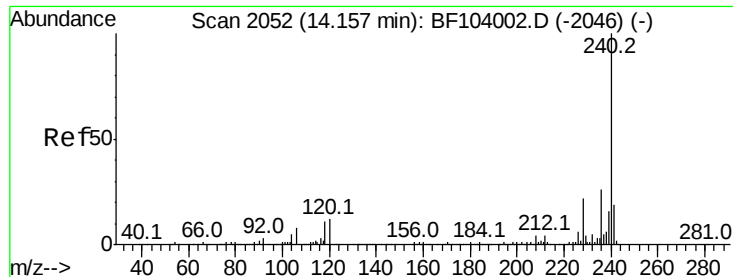
Tot Ion:188 Resp: 400121
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.083 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF104206.D
Acq: 4 Apr 2018 3:12

Tgt Ion:248 Resp: 17479
Ion Ratio Lower Upper
248 100
250 197.0 76.9 115.3#
141 516.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104206.D

Acq: 4 Apr 2018 3:12

Instrument :

BNA_F

ClientSampleId :

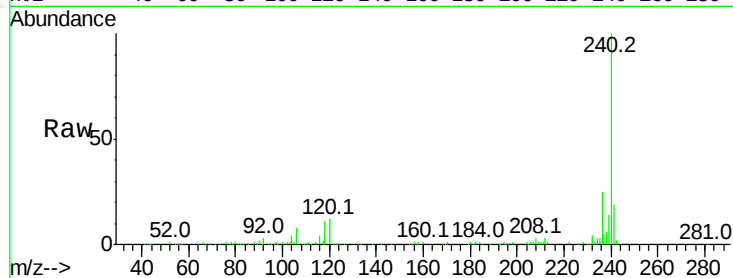
Tot Ion:240 Resp: 261518

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

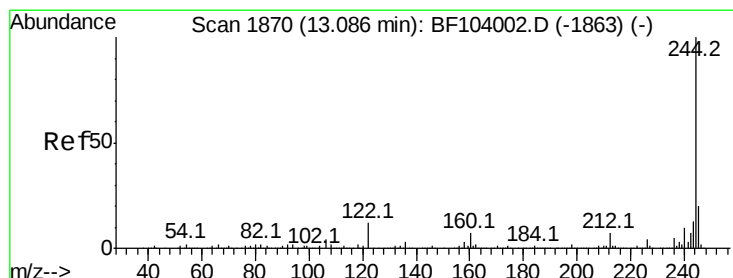
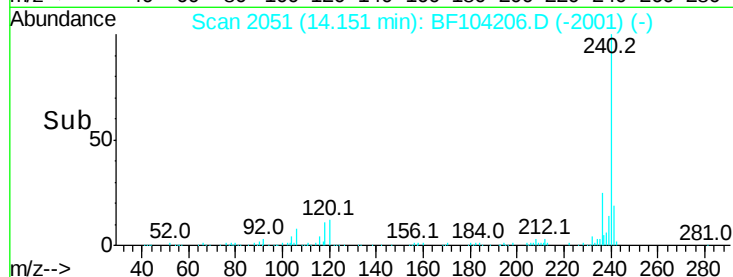
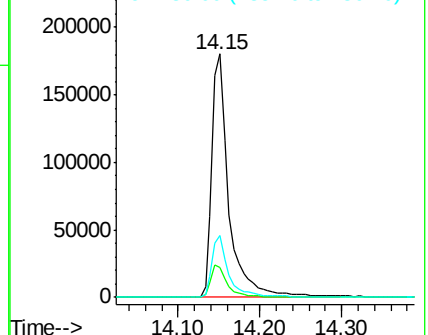
236 25.2 20.7 31.1



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: 99.236 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104206.D

Acq: 4 Apr 2018 3:12

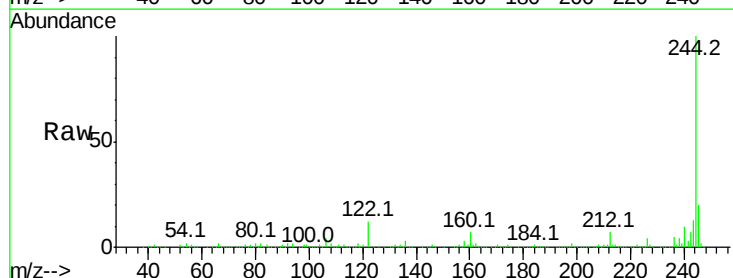
Tgt Ion:244 Resp: 1123974

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

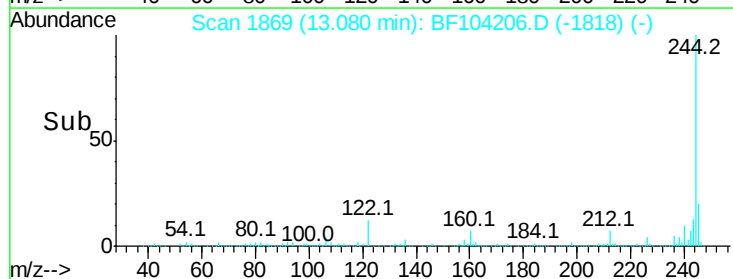
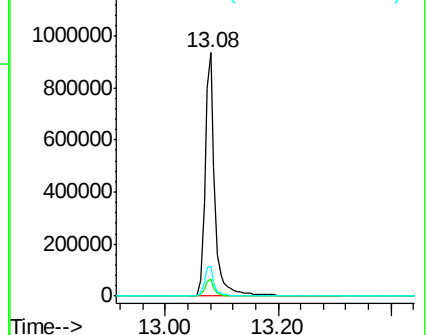
122 12.1 11.0 16.4

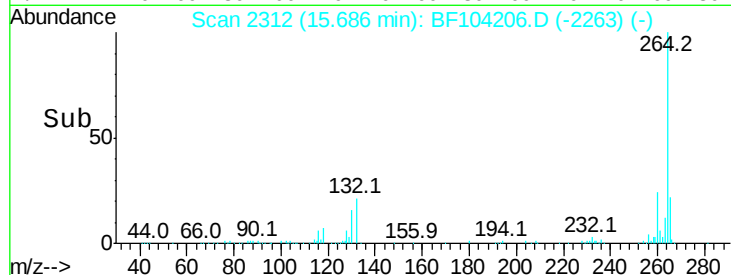
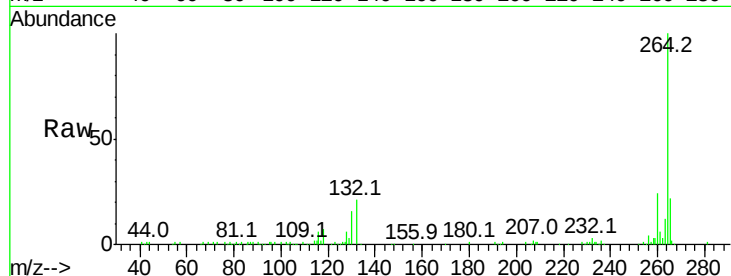
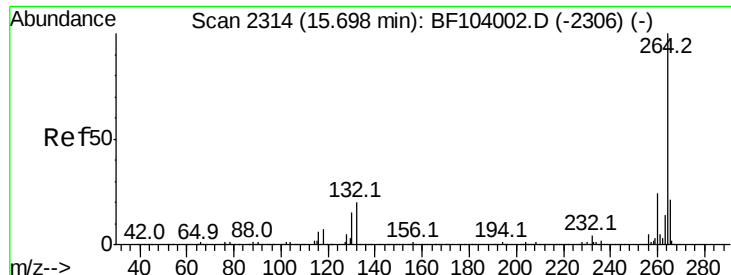


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BF104206.D
 Acq: 4 Apr 2018 3:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	219351
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.2 28.8
265	21.6	17.5 26.3

