

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104248.D
 Acq On : 5 Apr 2018 1:24
 Operator : JU/SJ
 Sample : J2170-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 02:09:16 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

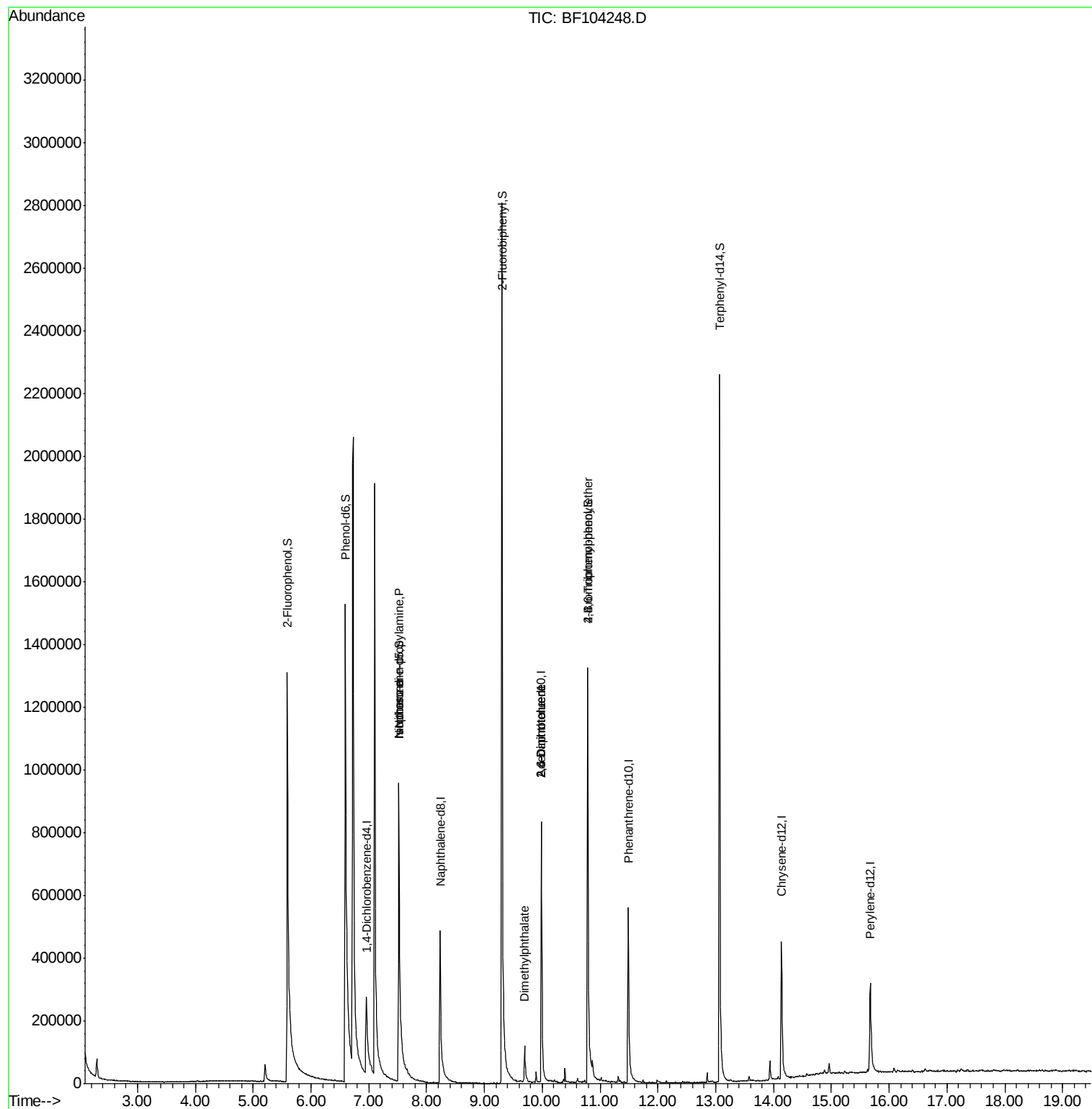
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	112565	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	501397	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	224408	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	365826	20.00	ng	0.00
75) Chrysene-d12	14.14	240	236617	20.00	ng	0.00
86) Perylene-d12	15.67	264	209156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	934952	132.46	ng	0.00
7) Phenol-d6	6.59	99	1275573	146.89	ng	-0.01
23) Nitrobenzene-d5	7.52	82	732392	89.33	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	280043	112.07	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1350453	94.90	ng	0.00
78) Terphenyl-d14	13.07	244	1016903	99.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	1412	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.52	70	84340	16.365 ng	#	74
25) Isophorone	7.52	82	733776	48.564 ng	#	64
49) Dimethylphthalate	9.70	163	83142	4.693 ng	#	98
50) 2,6-Dinitrotoluene	9.99	165	27300	7.162 ng	#	25
56) 2,4-Dinitrotoluene	9.99	165	28238	5.805 ng	#	22
66) 4-Bromophenyl-phenylether	10.79	248	16484	4.212 ng	#	1

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

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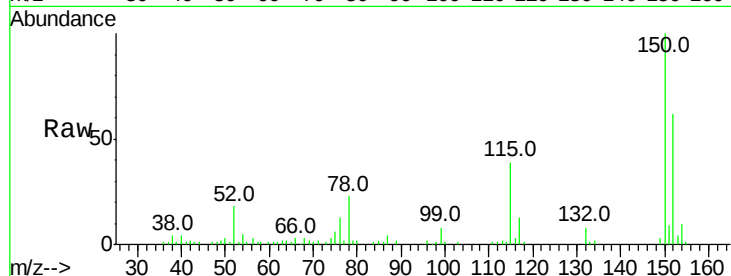


#1

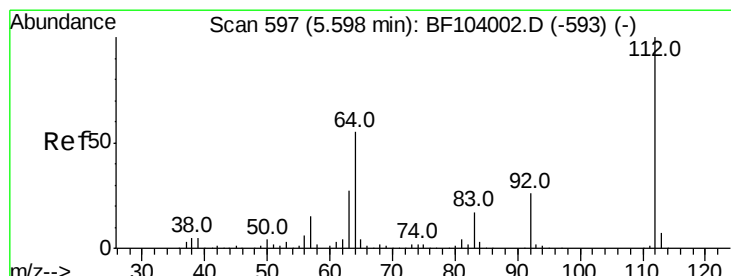
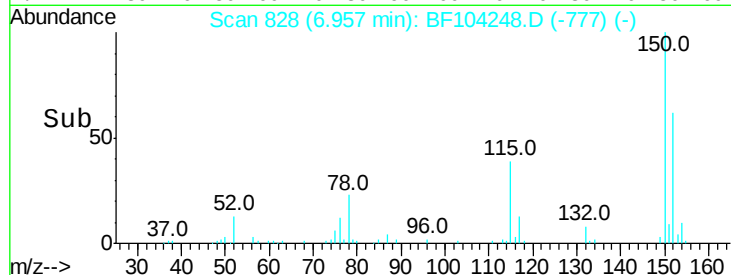
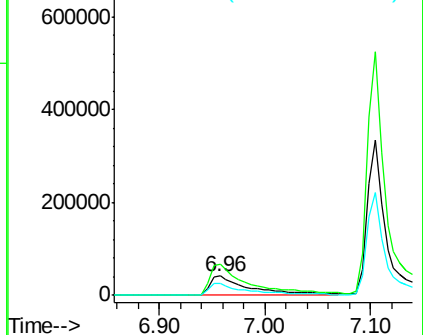
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF104248.D
Acq: 5 Apr 2018 1:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112565
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 63.7 50.1 75.1



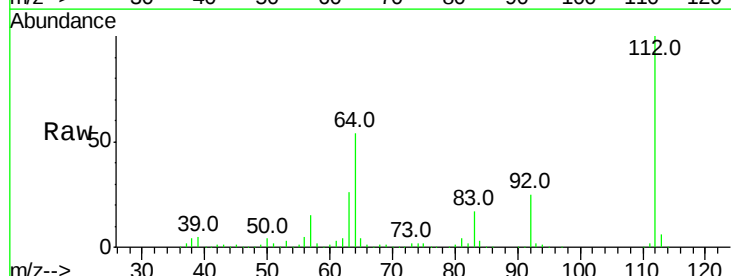
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



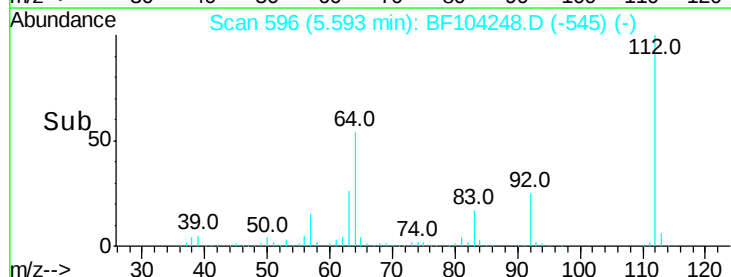
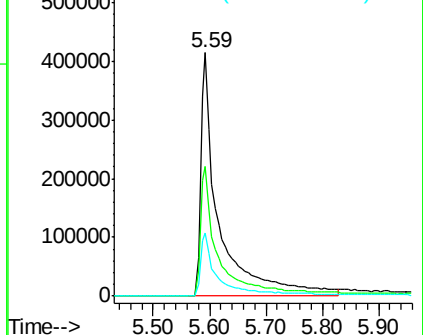
#5

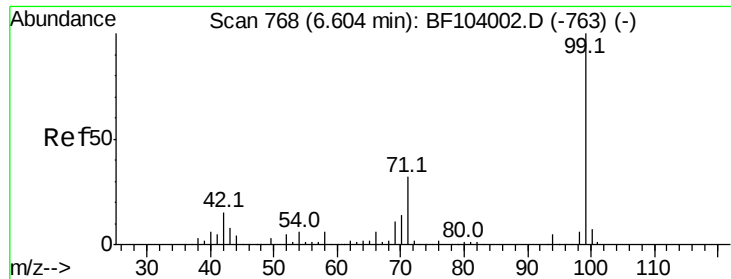
2-Fluorophenol
Concen: 132.458 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF104248.D
Acq: 5 Apr 2018 1:24

Tgt Ion:112 Resp: 934952
Ion Ratio Lower Upper
112 100
64 53.5 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: 146.887 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104248.D

Acq: 5 Apr 2018 1:24

Instrument :

BNA_F

ClientSampleId :

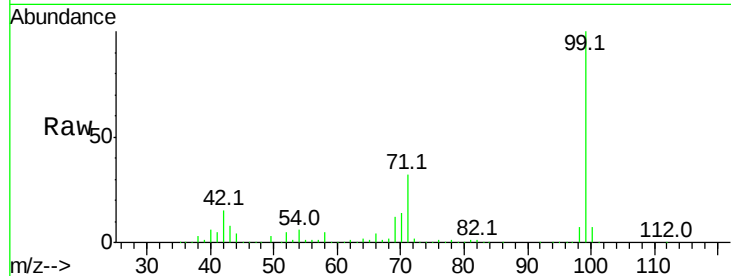
Tot Ion: 99 Resp: 1275573

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

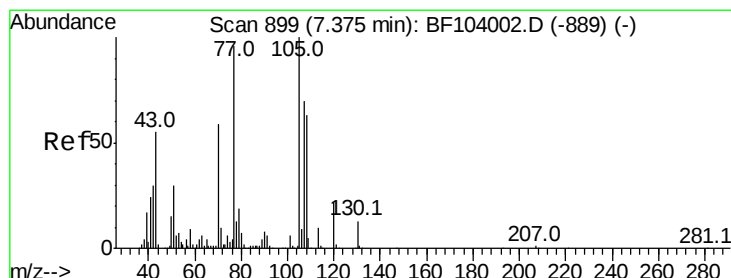
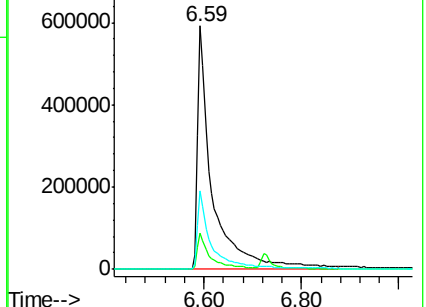
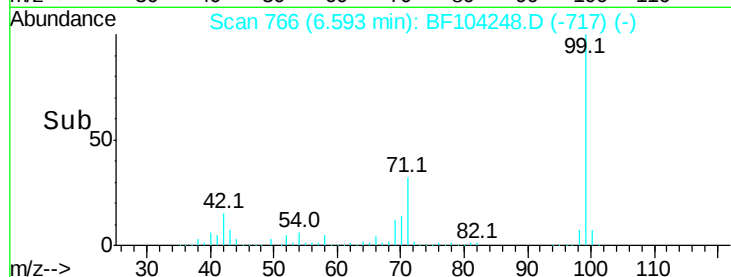
71 32.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.365 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.16 min

Lab File: BF104248.D

Acq: 5 Apr 2018 1:24

Tgt Ion: 70 Resp: 84340

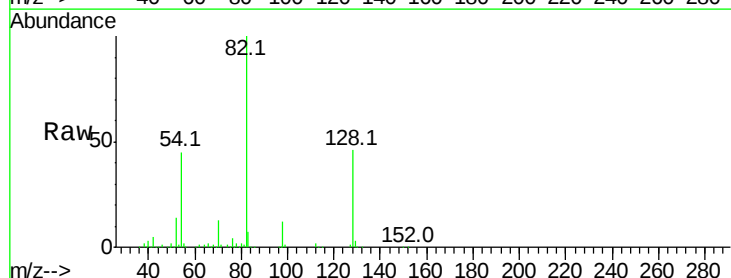
Ion Ratio Lower Upper

70 100

42 43.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

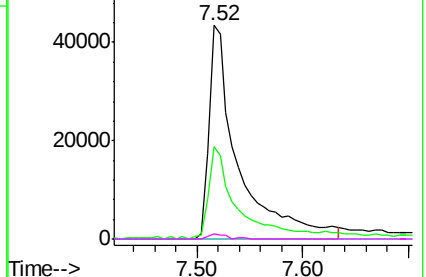
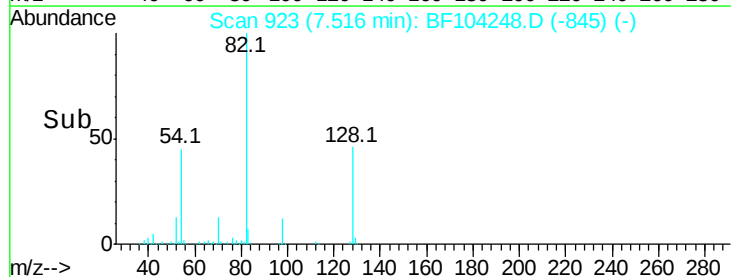


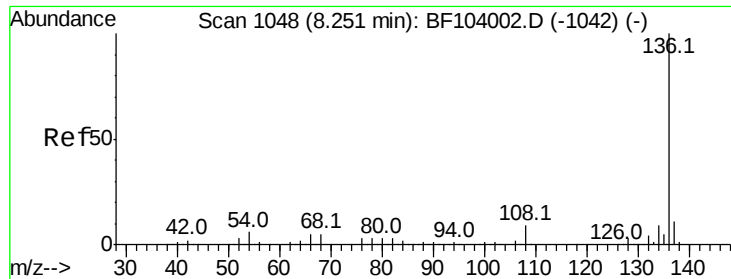
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

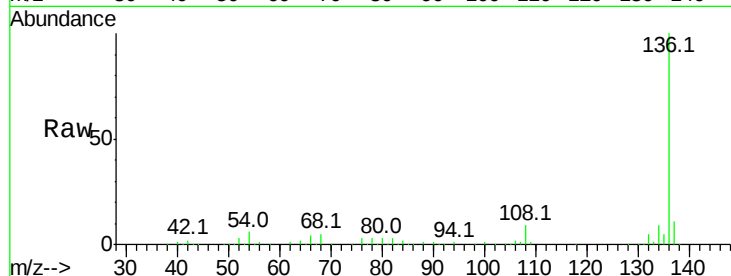




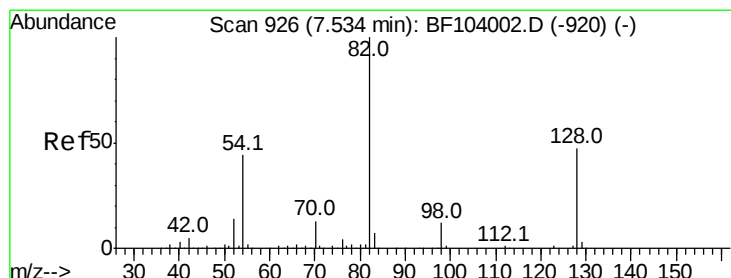
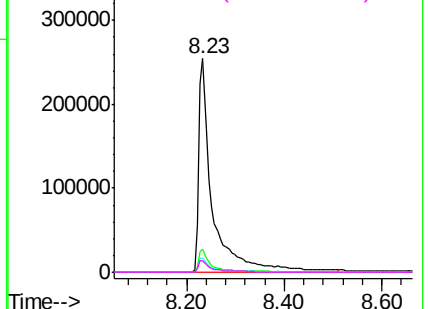
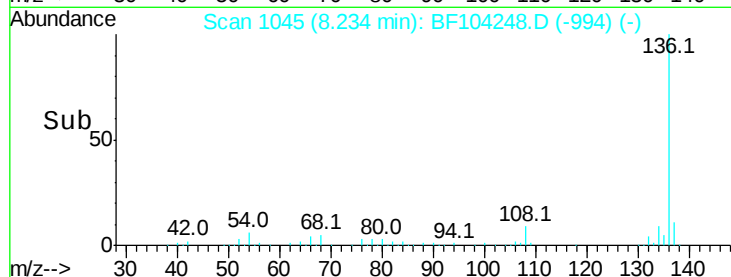
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF104248.D
Acq: 5 Apr 2018 1:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	501397
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.5	6.6	9.8#
68	5.3	5.0	7.4

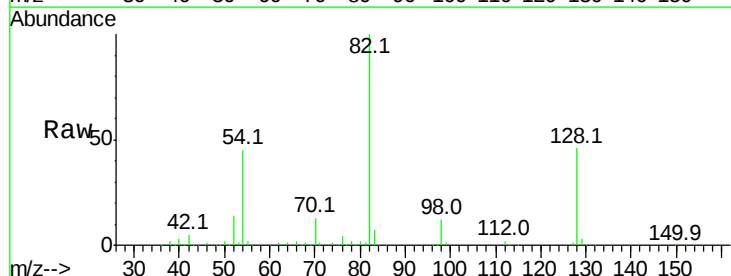


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

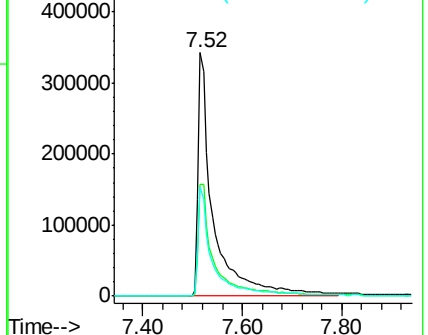
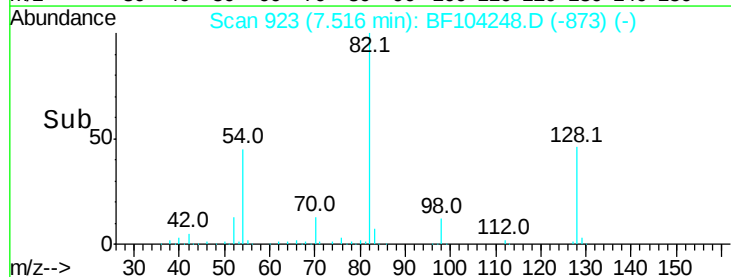


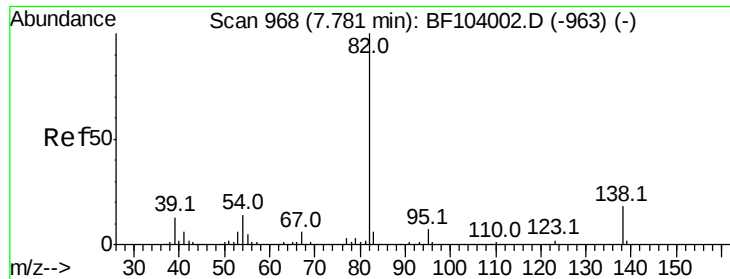
#23
Nitrobenzene-d5
Concen: 89.330 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104248.D
Acq: 5 Apr 2018 1:24

Tgt Ion:	82	Resp:	732392
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	45.1	41.4	62.2



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

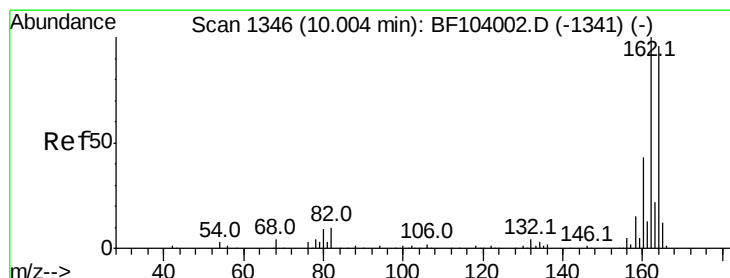
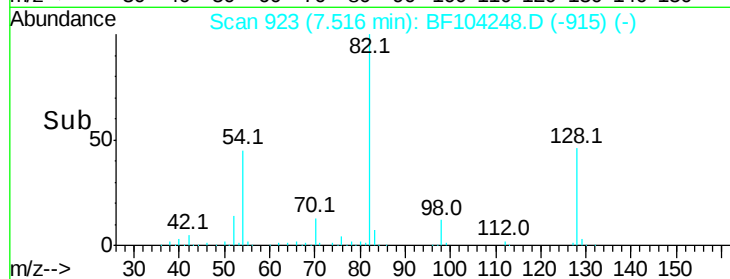
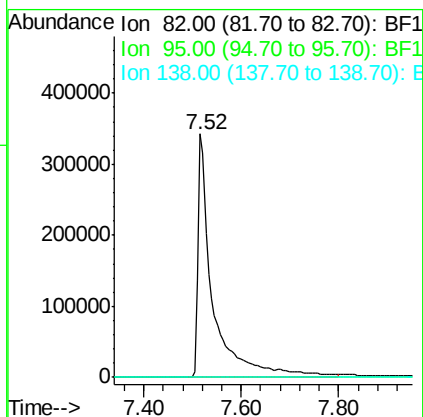
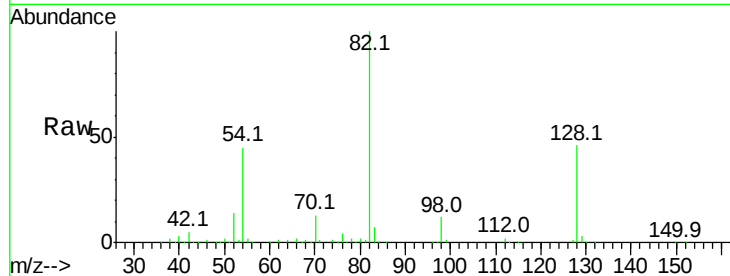




#25
Isophorone
Concen: 48.564 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF104248.D
Acq: 5 Apr 2018 1:24

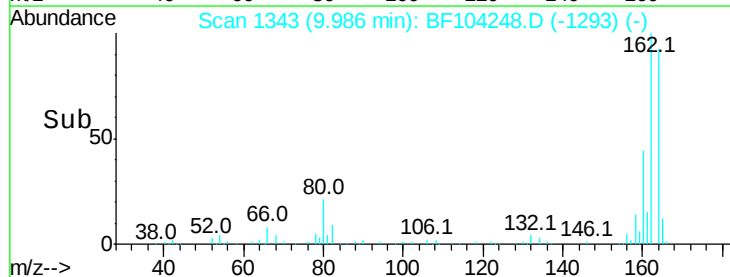
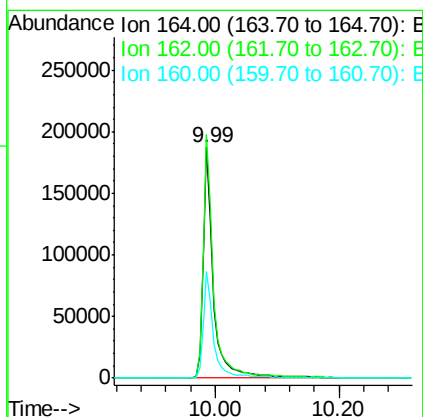
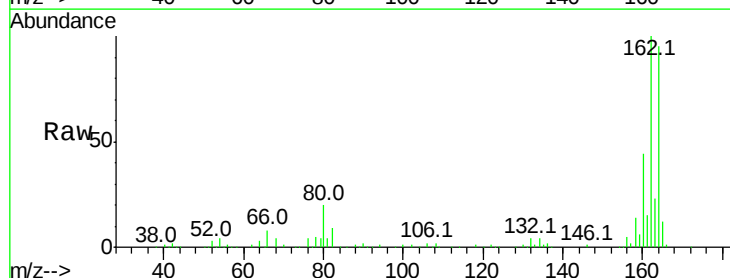
Instrument :
BNA_F
ClientSampleId :

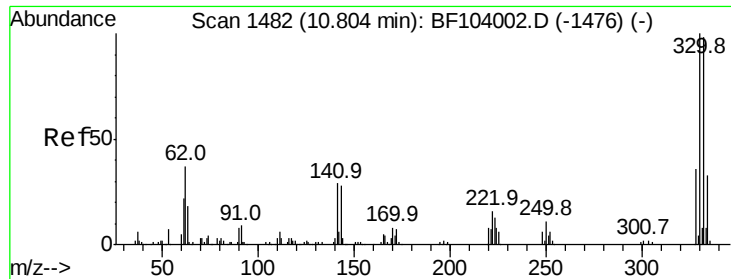
Tot Ion: 82 Resp: 733776
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF104248.D
Acq: 5 Apr 2018 1:24

Tgt Ion:164 Resp: 224408
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 46.1 38.3 57.5

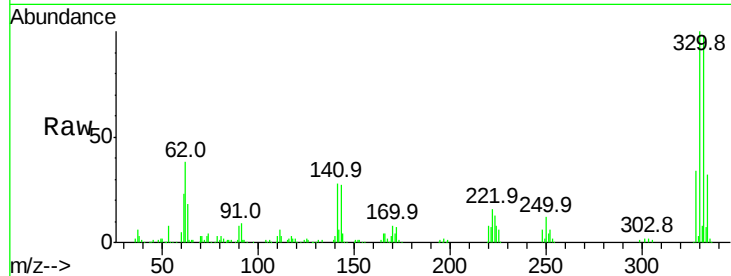




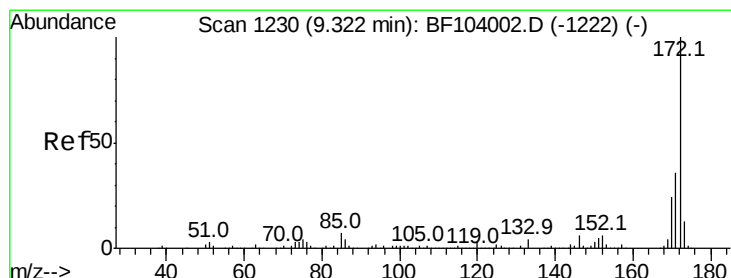
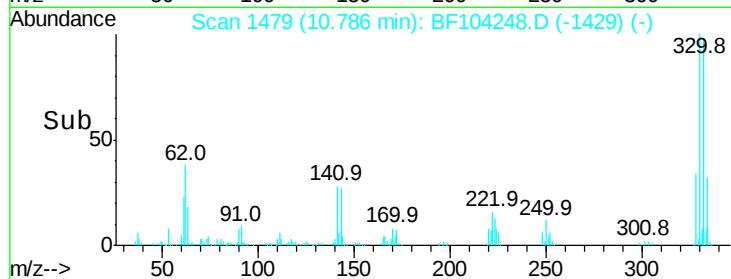
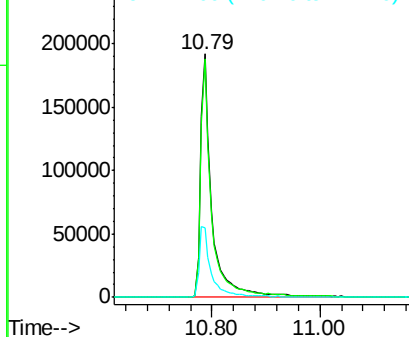
#41
 2,4,6-Tribromophenol
 Concen: 112.072 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104248.D
 Acq: 5 Apr 2018 1:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 280043
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 30.6 29.9 44.9

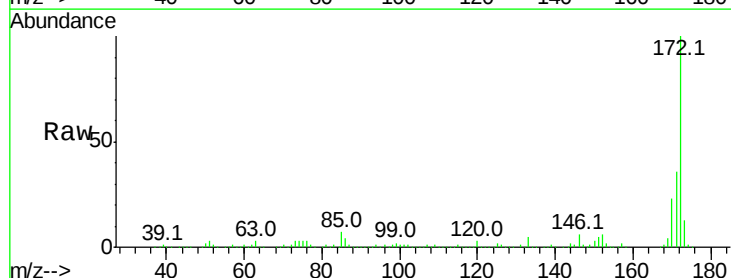


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

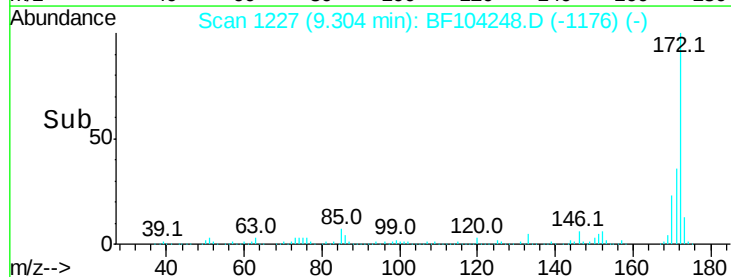
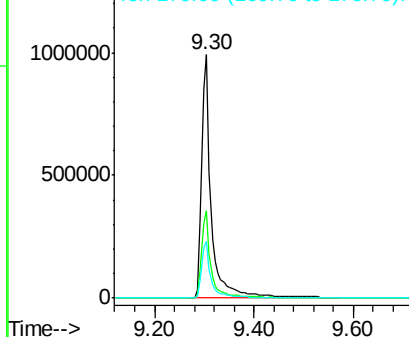


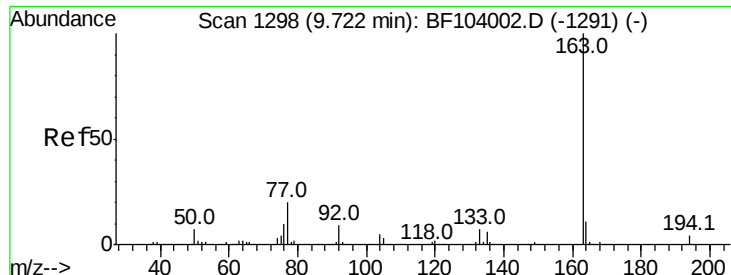
#44
 2-Fluorobiphenyl
 Concen: 94.896 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF104248.D
 Acq: 5 Apr 2018 1:24

Tgt Ion:172 Resp: 1350453
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.2 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

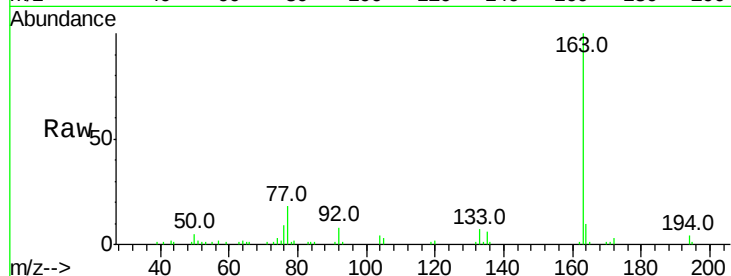




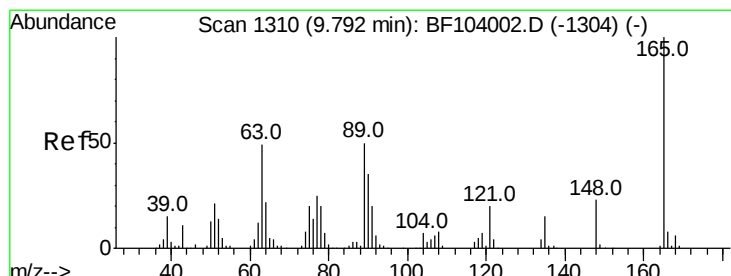
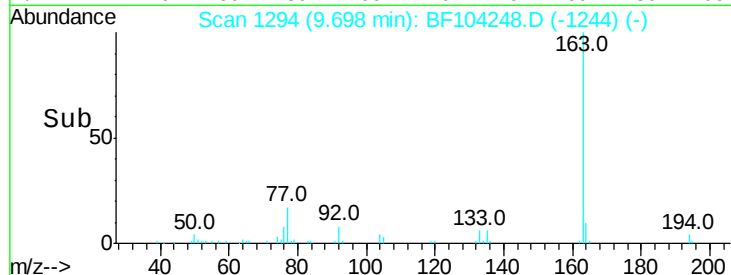
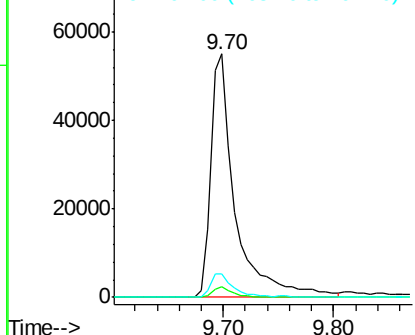
#49
Dimethylphthalate
Concen: 4.693 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104248.D
Acq: 5 Apr 2018 1:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 83142
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 9.7 8.2 12.2

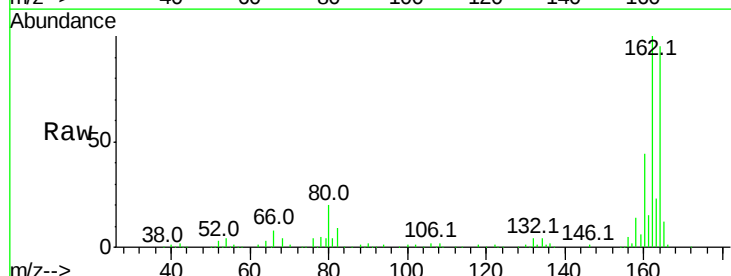


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

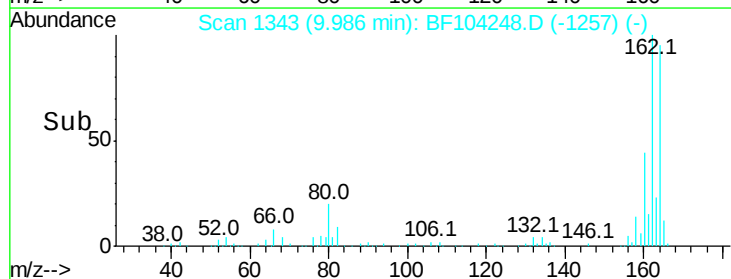
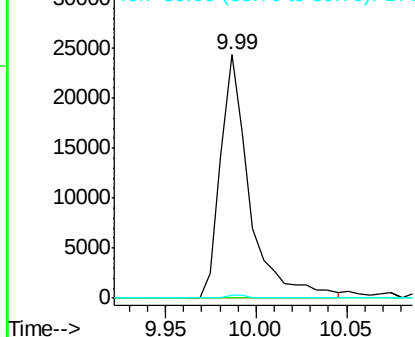


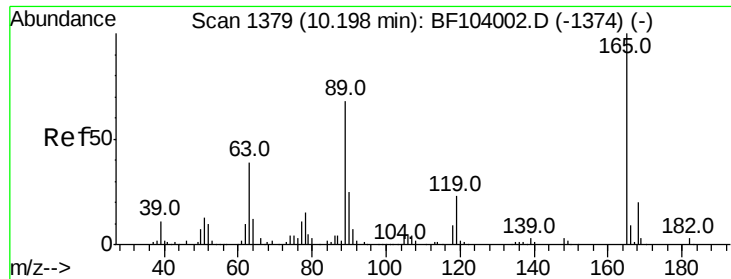
#50
2,6-Dinitrotoluene
Concen: 7.162 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF104248.D
Acq: 5 Apr 2018 1:24

Tgt Ion:165 Resp: 27300
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.4 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

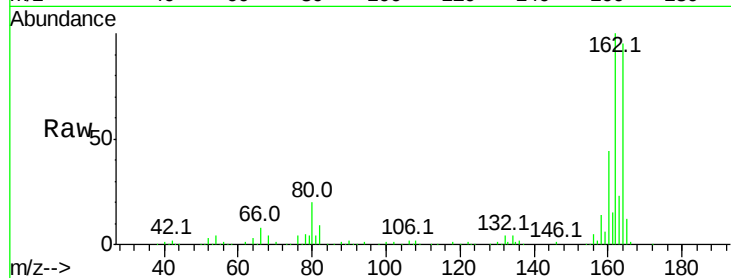




#56
 2,4-Dinitrotoluene
 Concen: 5.805 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104248.D
 Acq: 5 Apr 2018 1:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	28238
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.4	57.8 86.6#
182	0.0	1.6 2.4#

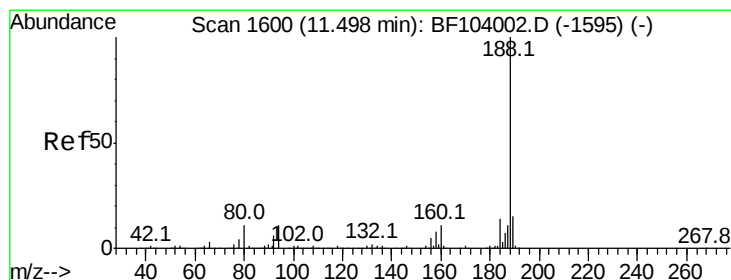
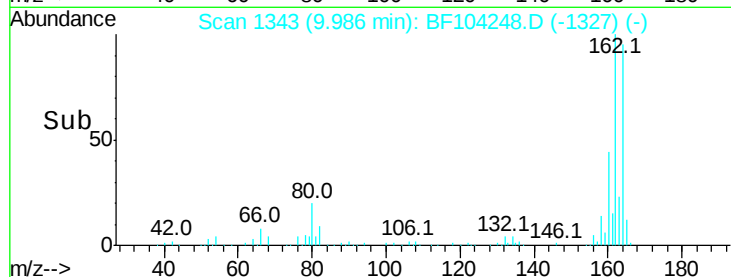
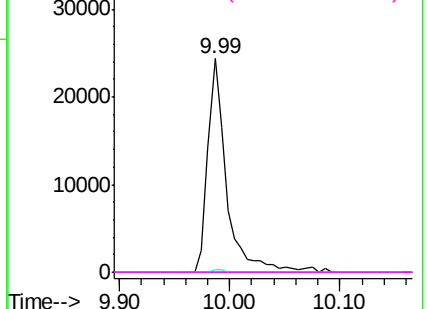


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

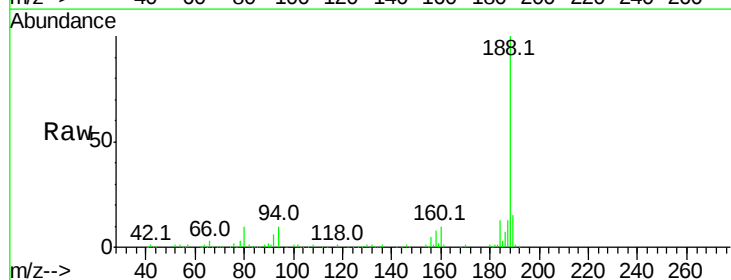
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF104248.D
 Acq: 5 Apr 2018 1:24

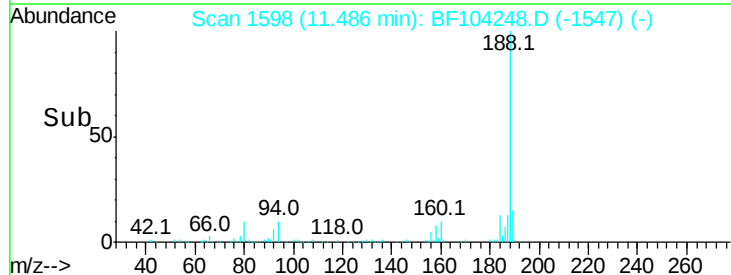
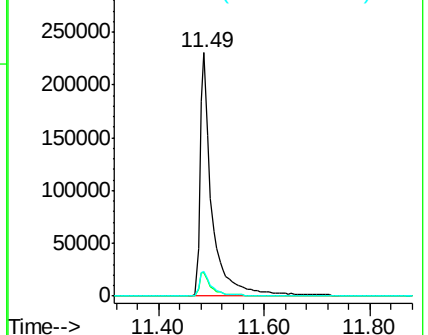
Tgt Ion:188	Resp:	365826
Ion Ratio	Lower	Upper
188	100	
94	9.9	8.5 12.7
80	10.0	9.2 13.8

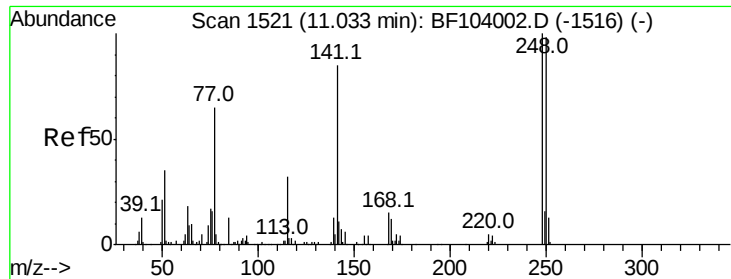


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

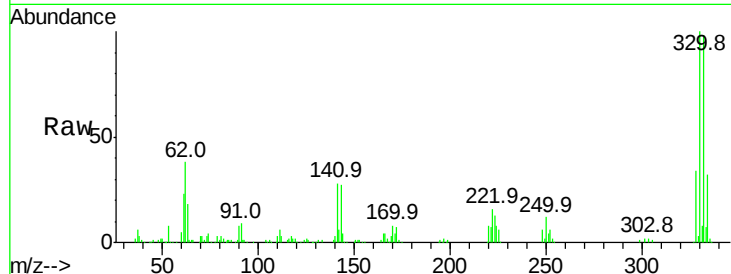




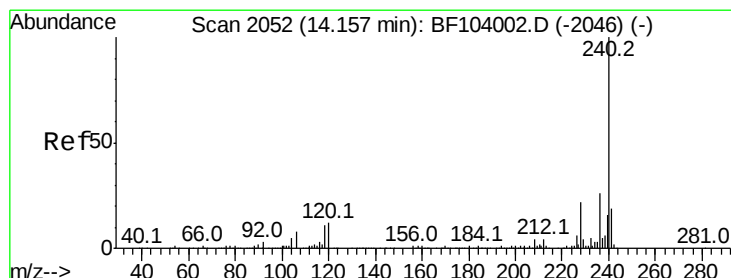
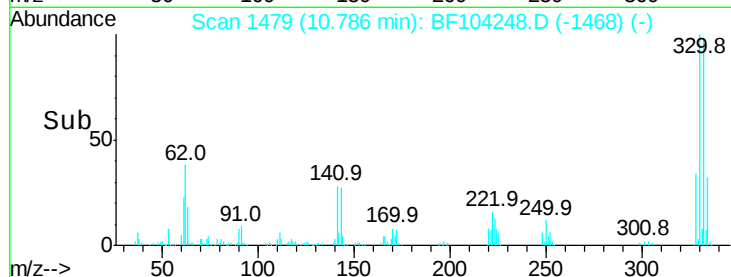
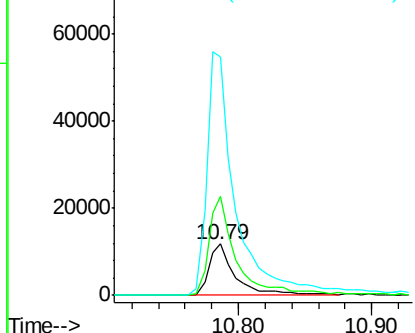
#66
4-Bromophenyl-phenylether
Concen: 4.212 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF104248.D
Acq: 5 Apr 2018 1:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 16484
Ion Ratio Lower Upper
248 100
250 192.6 76.9 115.3#
141 465.7 74.4 111.6#

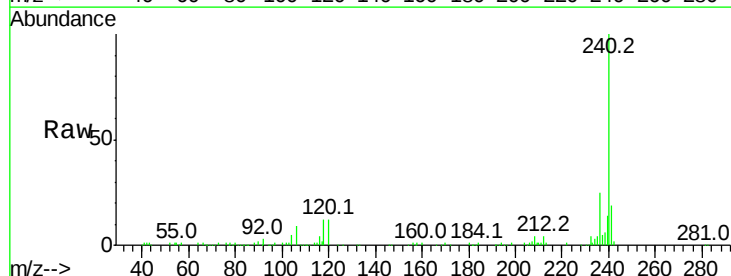


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

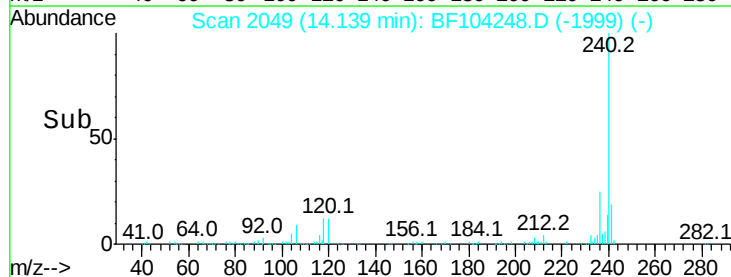
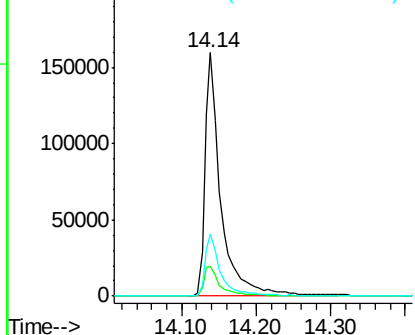


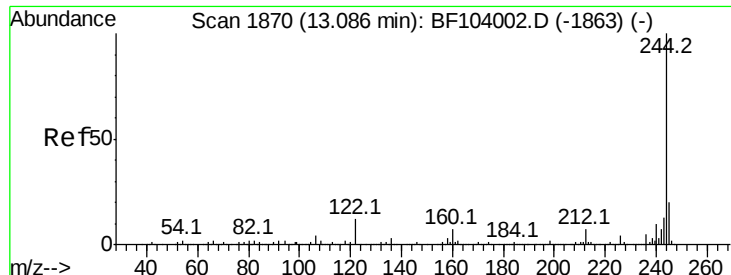
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104248.D
Acq: 5 Apr 2018 1:24

Tgt Ion:240 Resp: 236617
Ion Ratio Lower Upper
240 100
120 12.1 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: 99.231 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF104248.D

Acq: 5 Apr 2018 1:24

Instrument :

BNA_F

ClientSampleId :

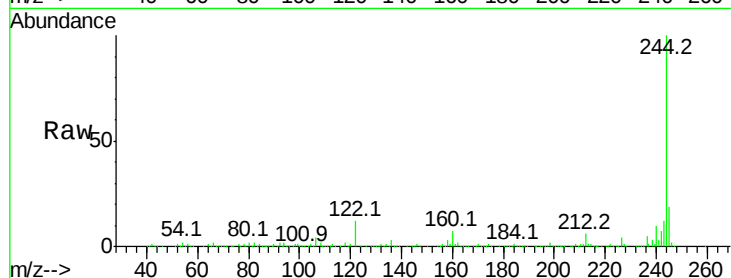
Tot Ion:244 Resp: 1016903

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

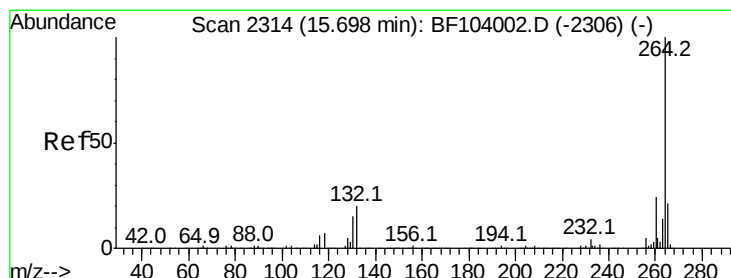
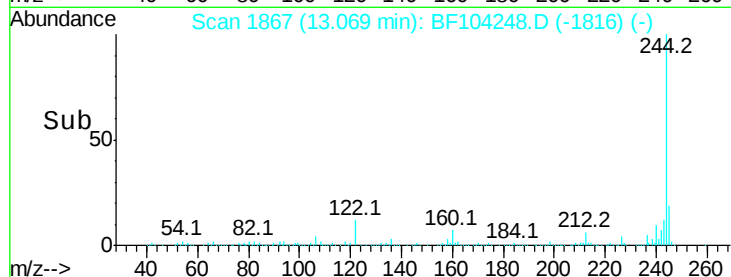
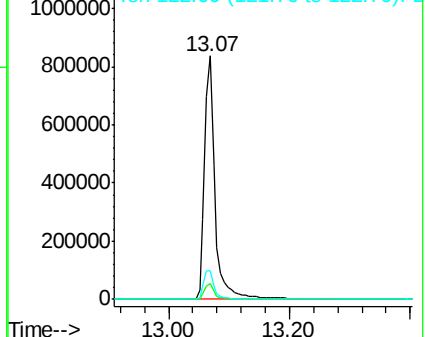
122 11.8 11.0 16.4



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: BF104248.D

Acq: 5 Apr 2018 1:24

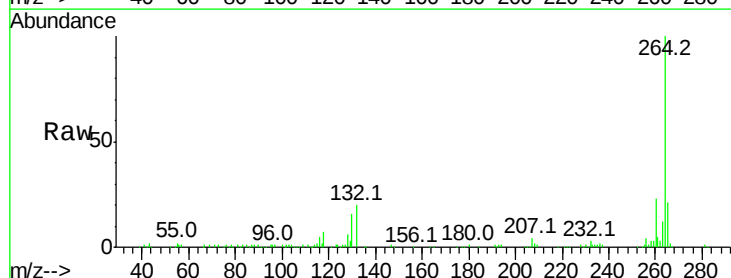
Tgt Ion:264 Resp: 209156

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 20.9 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

