

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104377.D
 Acq On : 9 Apr 2018 17:30
 Operator : JU/SJ
 Sample : J2155-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 01:17:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

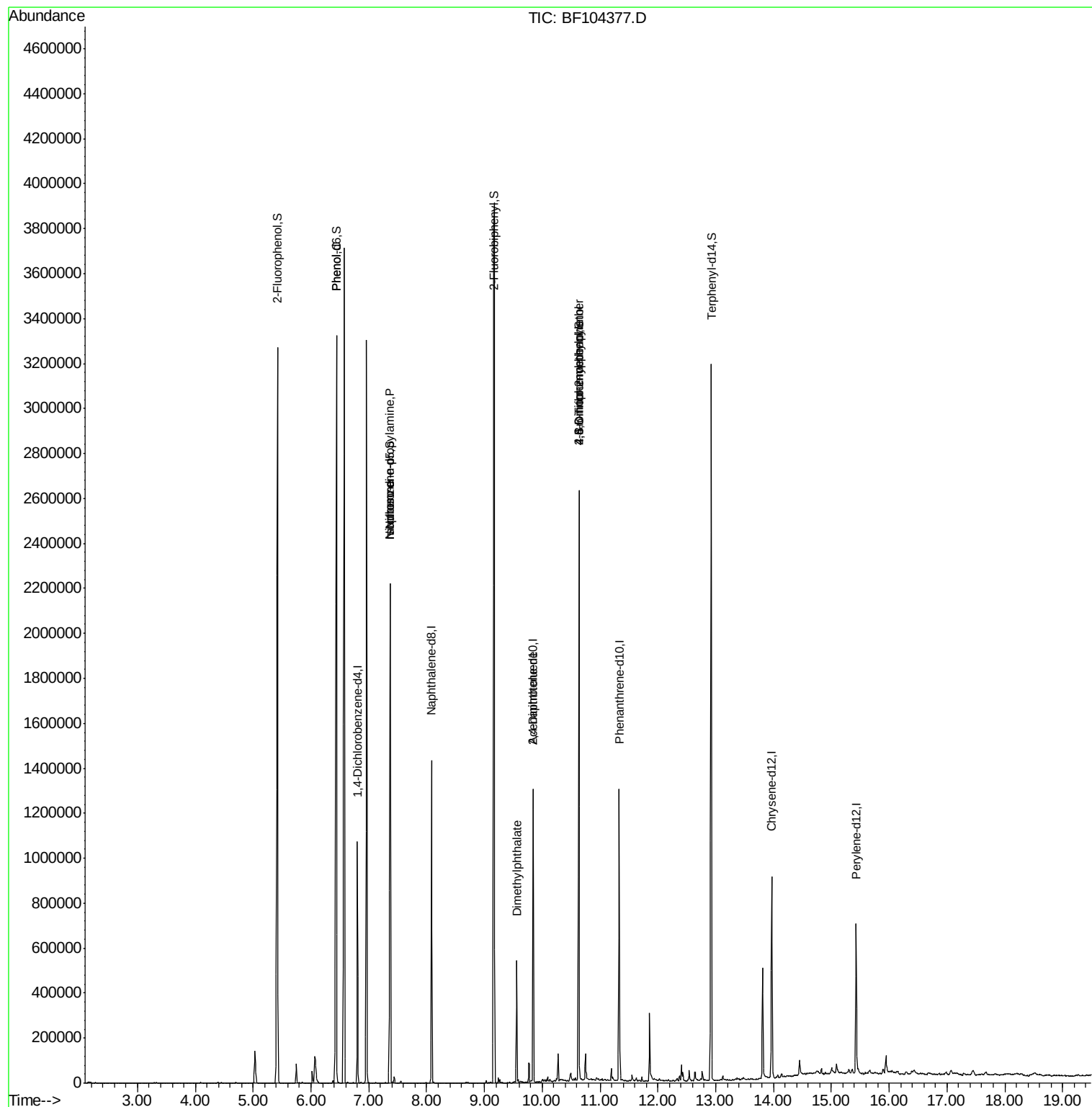
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	139989	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	576063	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	259133	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	427740	20.00	ng	0.00
75) Chrysene-d12	13.97	240	269906	20.00	ng	0.00
86) Perylene-d12	15.43	264	291639	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1158348	126.52	ng	0.02
7) Phenol-d6	6.44	99	1430322	127.15	ng	0.01
23) Nitrobenzene-d5	7.37	82	895595	101.52	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	337587	125.59	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1380514	84.16	ng	0.00
78) Terphenyl-d14	12.92	244	1090767	92.13	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	2167	Below Cal	Qvalue	# 1
10) Phenol	6.45	94	24920	2.088 ng		83
19) n-Nitroso-di-n-propylamine	7.37	70	118529	16.125 ng	#	74
25) Isophorone	7.37	82	895293	47.991 ng	#	64
49) Dimethylphthalate	9.56	163	184277	9.018 ng		100
56) 2,4-Dinitrotoluene	9.84	165	32993	6.652 ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.63	198	691	7.628 ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	19925	4.379 ng	#	1
76) Benzidine	12.92	184	14343	Below Cal		98

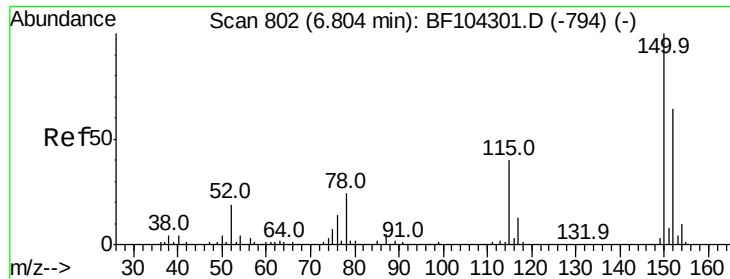
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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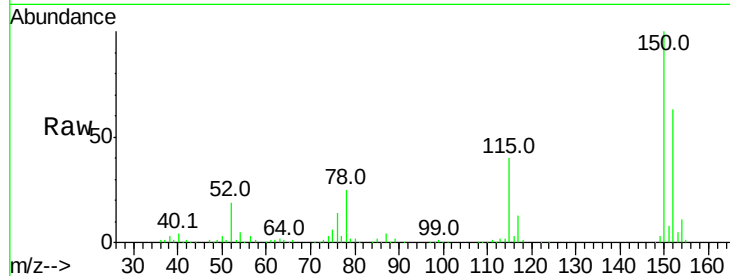


#1

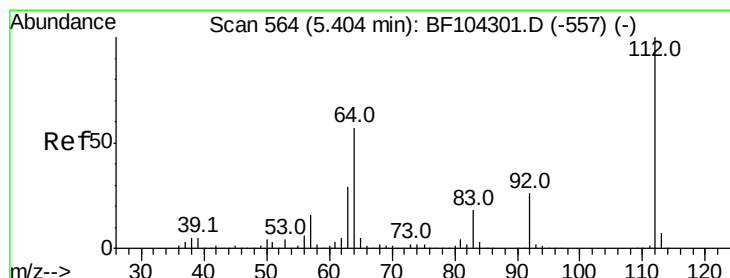
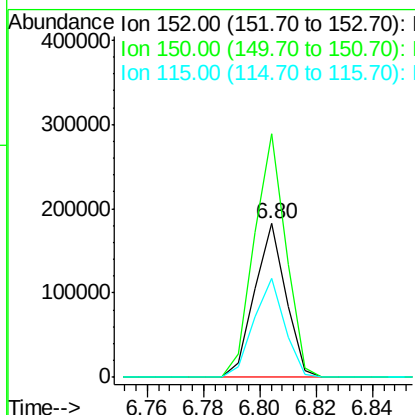
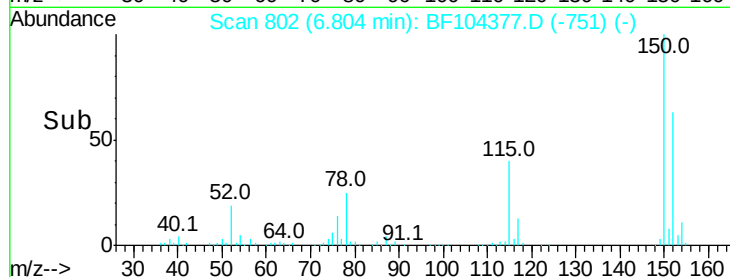
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104377.D
Acq: 9 Apr 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139989
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 64.2 50.1 75.1



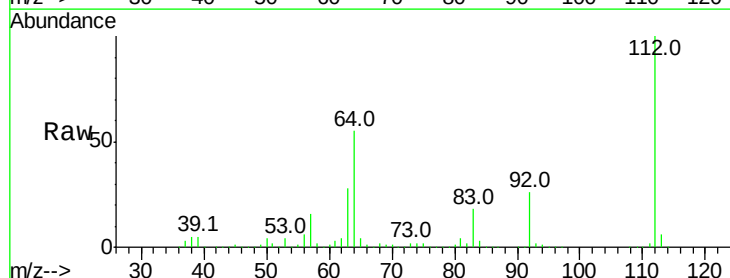
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



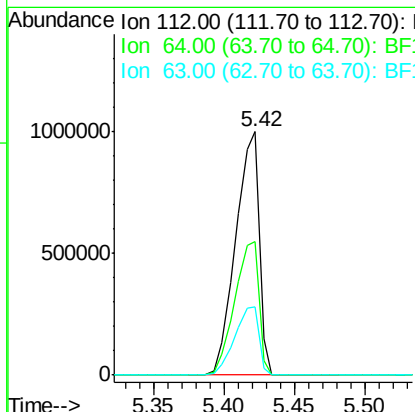
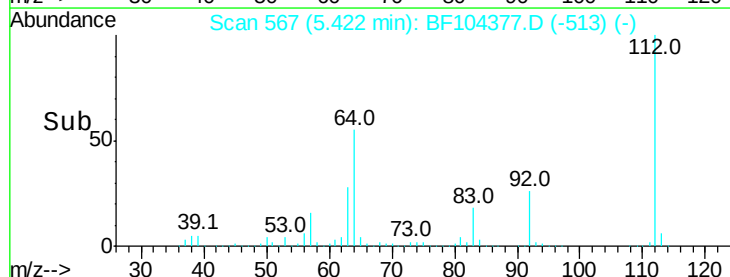
#5

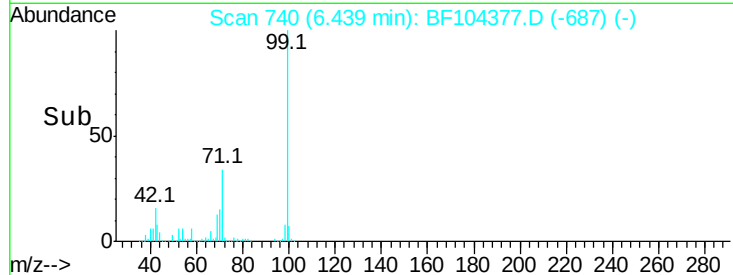
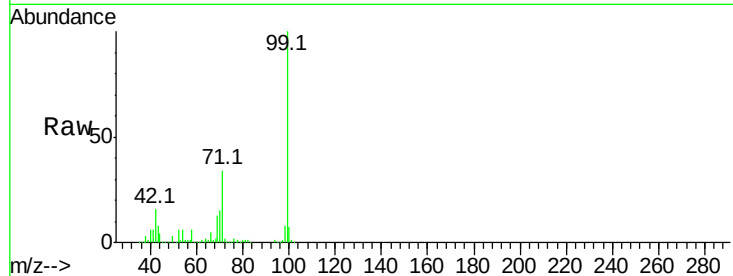
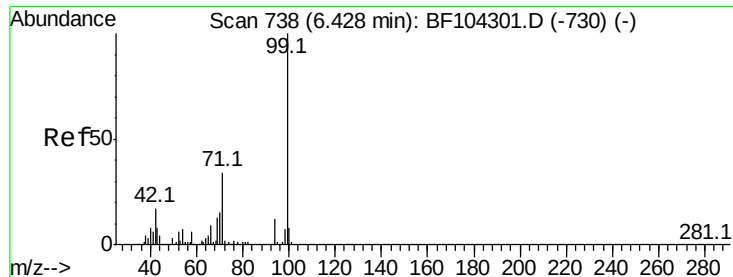
2-Fluorophenol
Concen: 126.523 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF104377.D
Acq: 9 Apr 2018 17:30

Tgt Ion:112 Resp: 1158348
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 28.2 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: 127.153 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF104377.D

Acq: 9 Apr 2018 17:30

Instrument :

BNA_F

ClientSampleId :

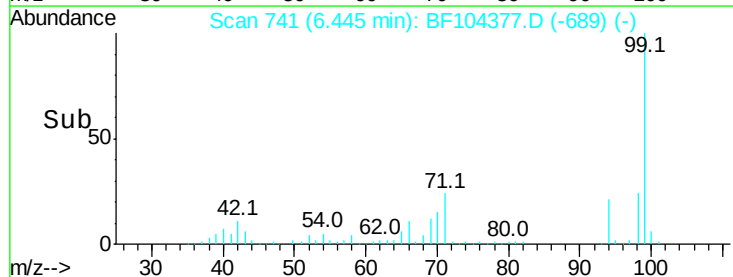
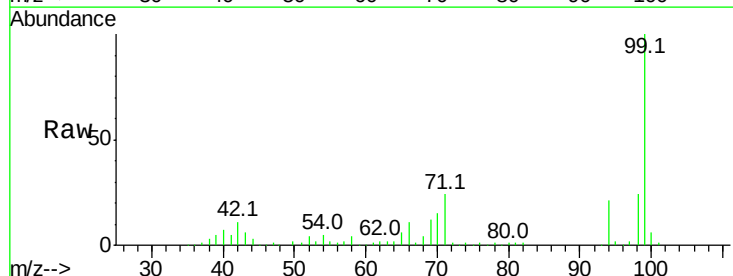
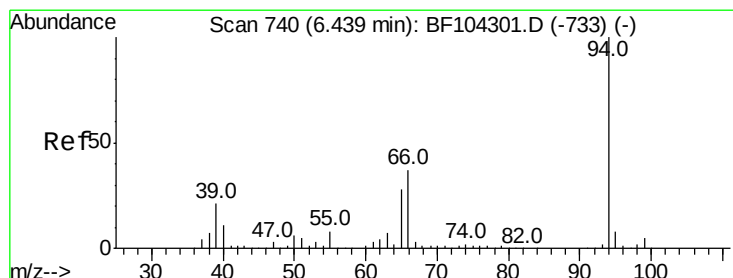
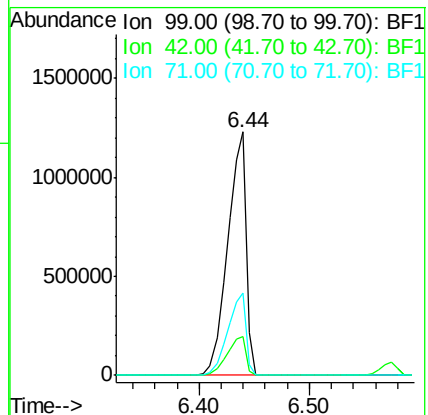
Tot Ion: 99 Resp: 1430322

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

71 33.8 25.4 38.0



#10

Phenol

Concen: 2.088 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104377.D

Acq: 9 Apr 2018 17:30

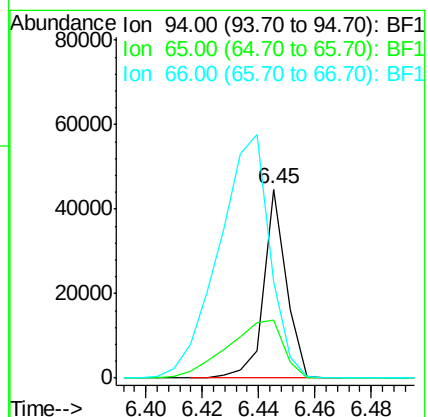
Tgt Ion: 94 Resp: 24920

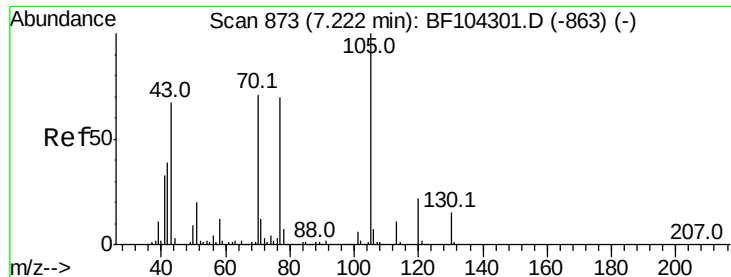
Ion Ratio Lower Upper

94 100

65 30.6 7.9 47.9

66 51.1 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 16.125 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104377.D

Acq: 9 Apr 2018 17:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 118529

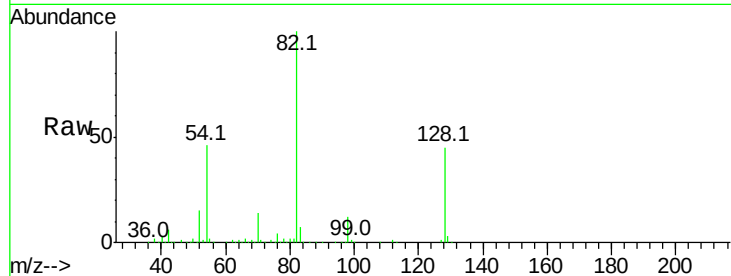
Ion Ratio Lower Upper

70 100

42 43.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

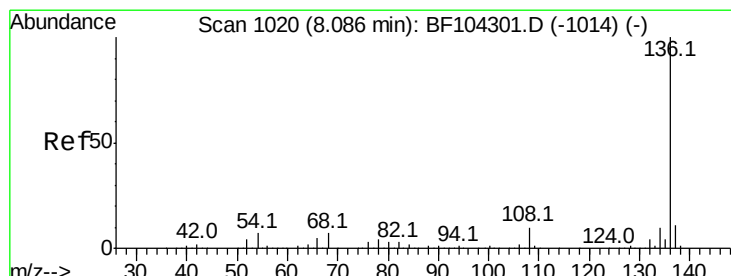
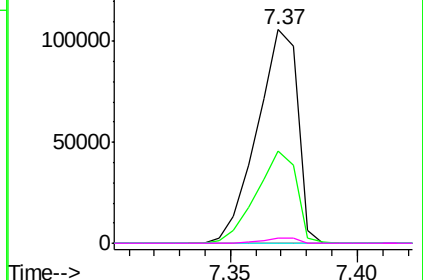
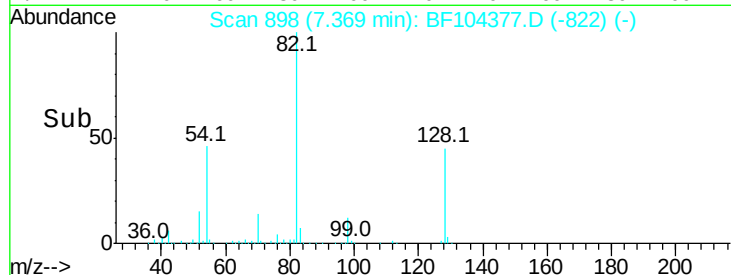


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104377.D

Acq: 9 Apr 2018 17:30

Tgt Ion:136 Resp: 576063

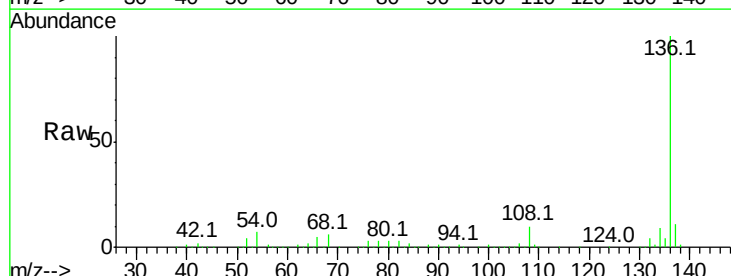
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.1 6.6 9.8

68 6.2 5.0 7.4

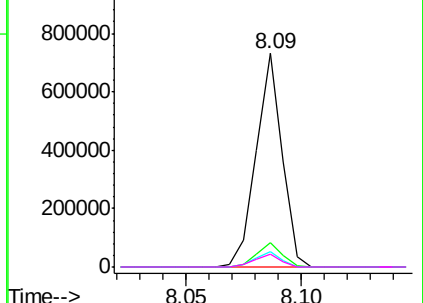
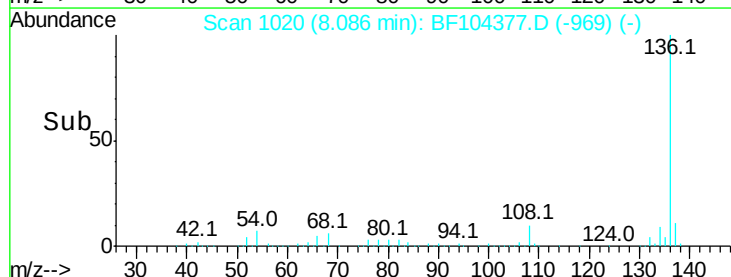


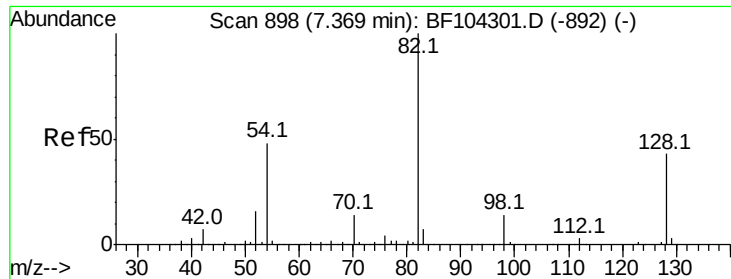
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

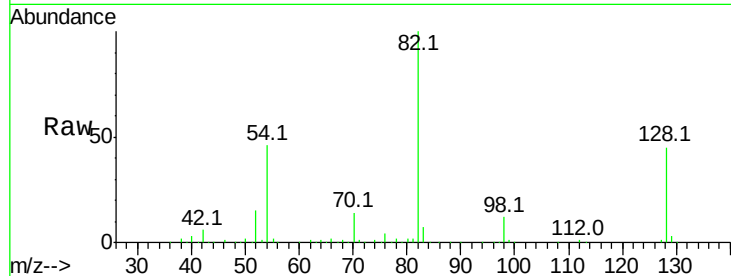




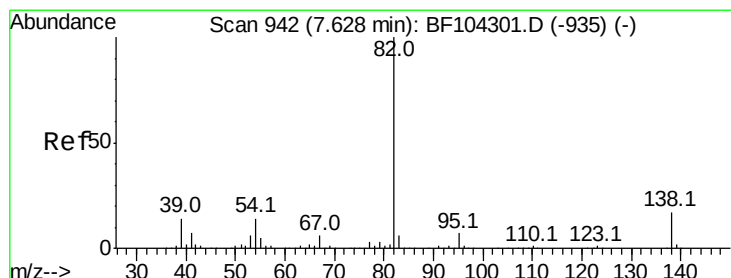
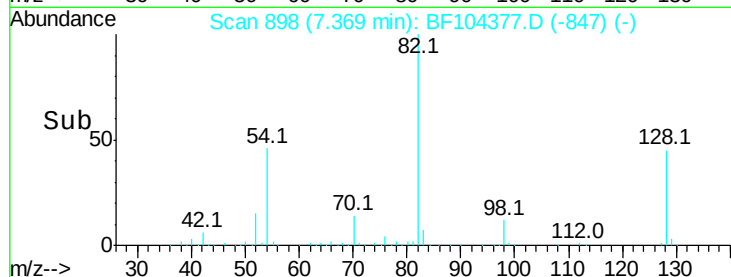
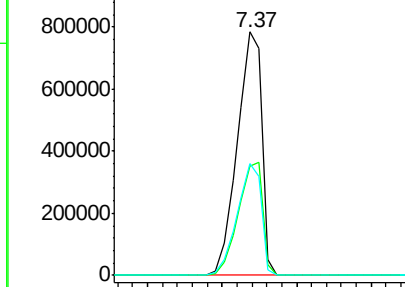
#23
 Nitrobenzene-d5
 Concen: 101.518 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF104377.D
 Acq: 9 Apr 2018 17:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 895595
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 45.9 41.4 62.2

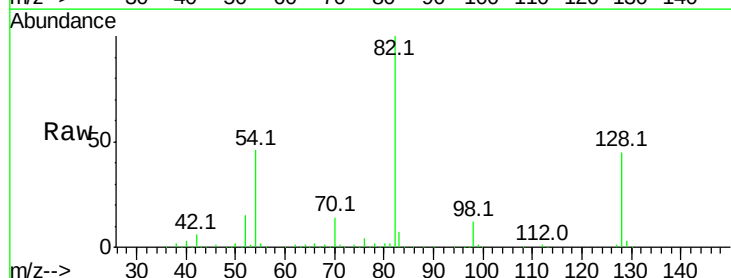


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

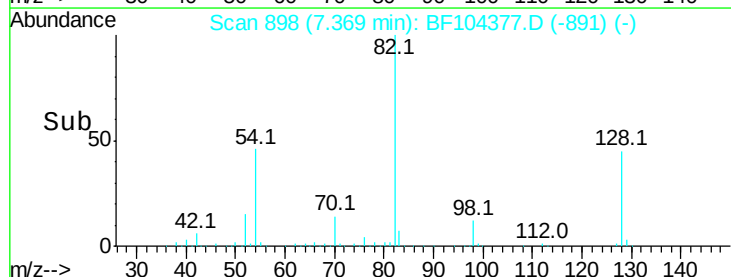
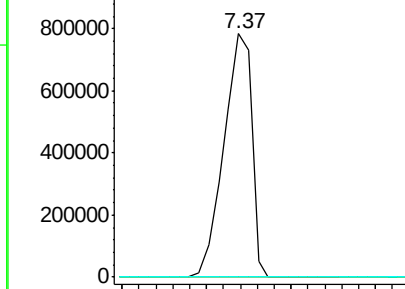


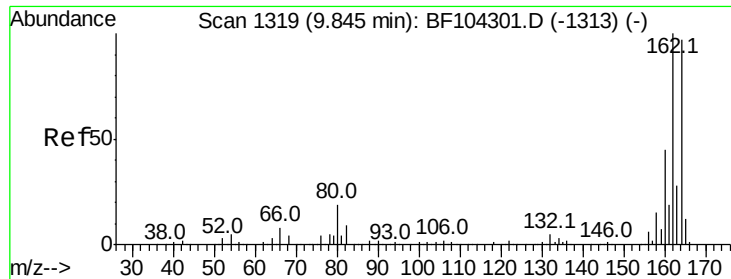
#25
 Isophorone
 Concen: 47.991 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.26 min
 Lab File: BF104377.D
 Acq: 9 Apr 2018 17:30

Tgt Ion: 82 Resp: 895293
 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

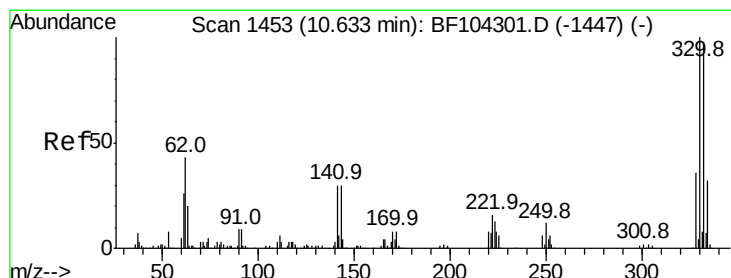
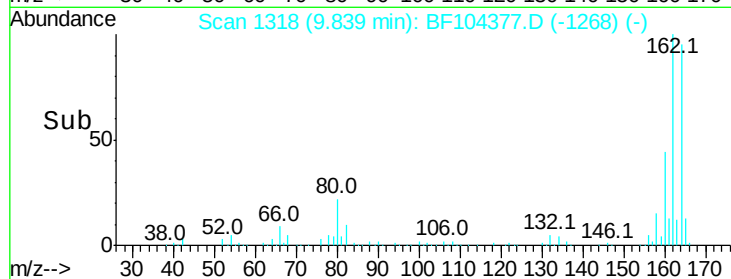
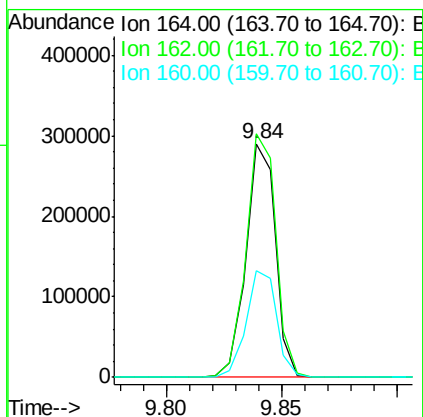
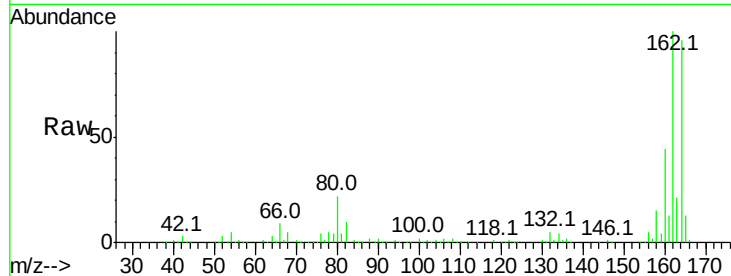




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104377.D
 Acq: 9 Apr 2018 17:30

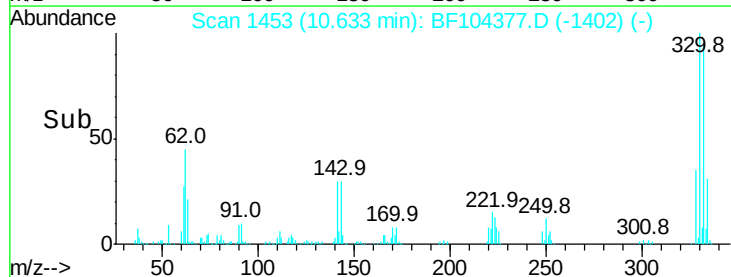
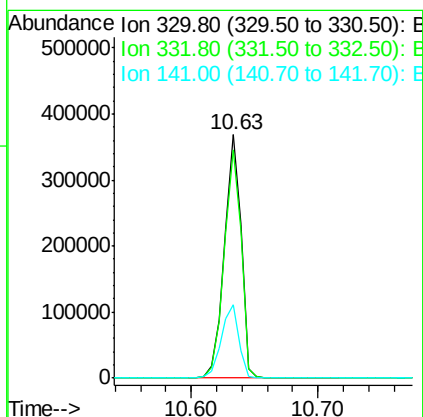
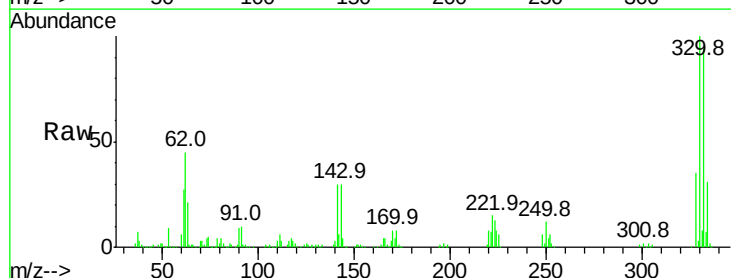
Instrument :
 BNA_F
 ClientSampleId :

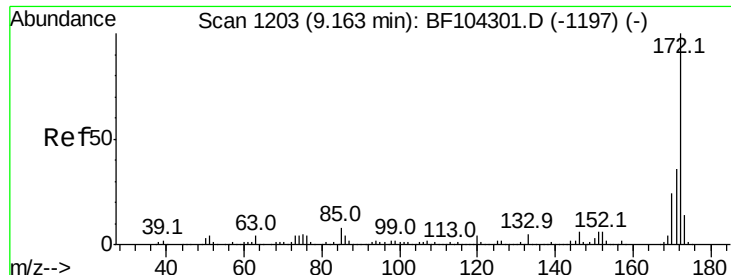
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	45.6	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 125.588 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF104377.D
 Acq: 9 Apr 2018 17:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	31.9	29.9	44.9

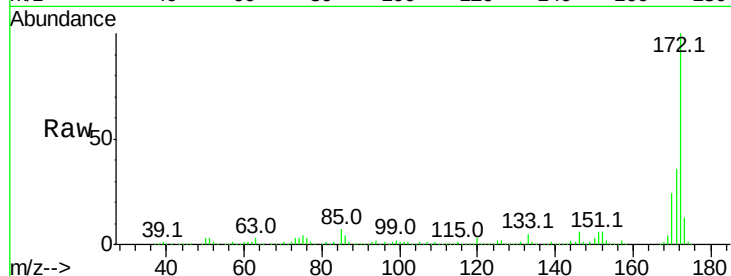




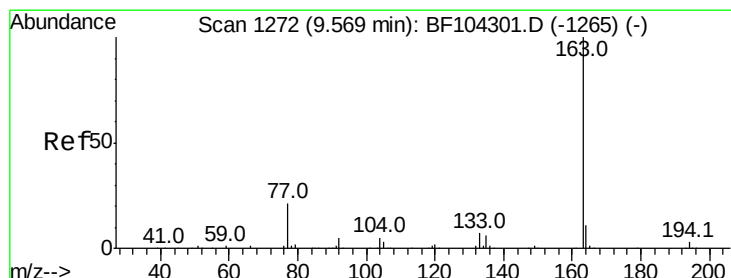
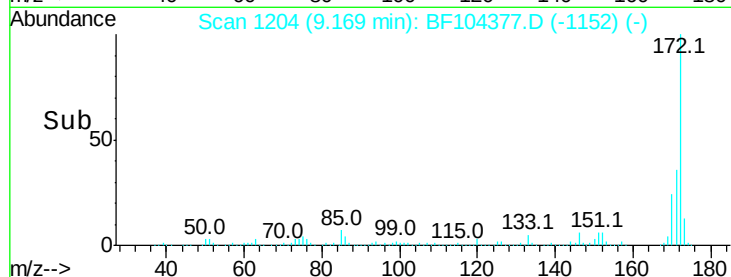
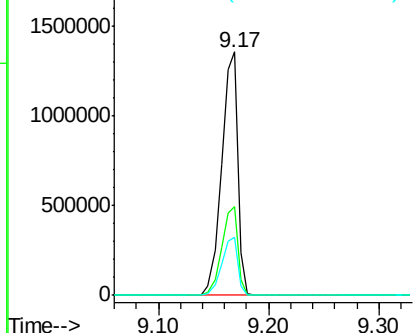
#44
2-Fluorobiphenyl
Concen: 84.160 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF104377.D
Acq: 9 Apr 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1380514
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.1 19.6 29.4

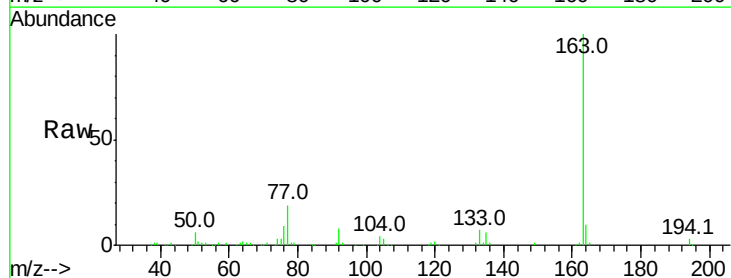


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

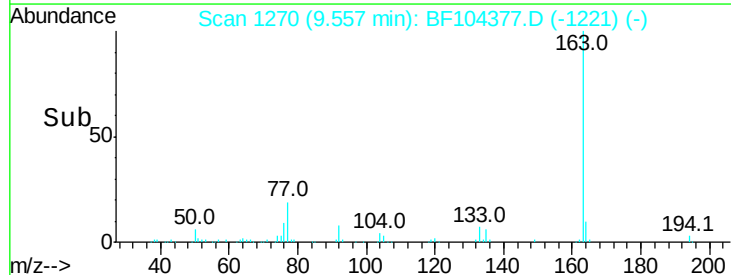
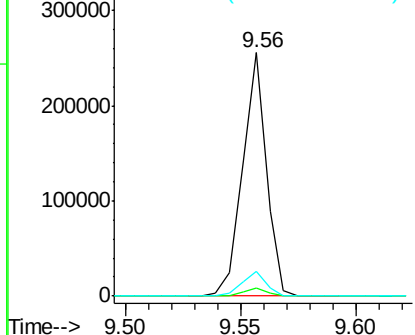


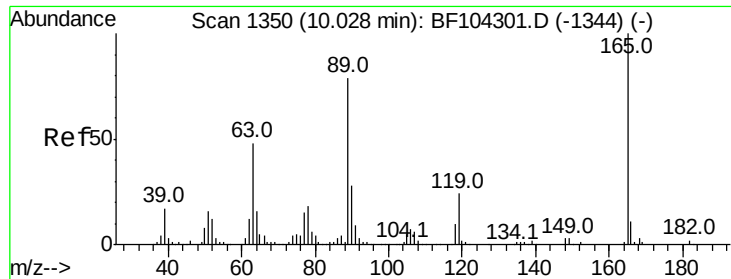
#49
Dimethylphthalate
Concen: 9.018 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104377.D
Acq: 9 Apr 2018 17:30

Tgt Ion:163 Resp: 184277
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.1 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

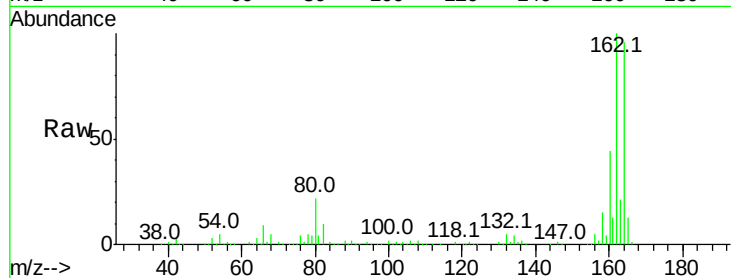




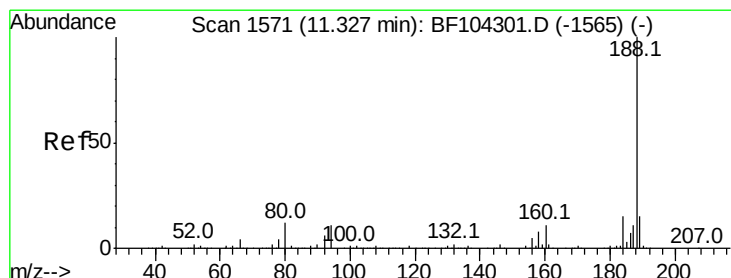
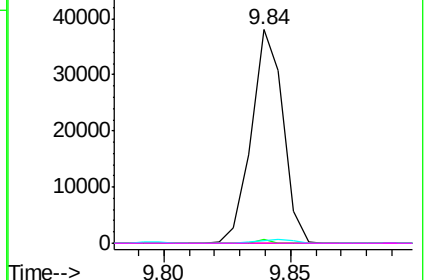
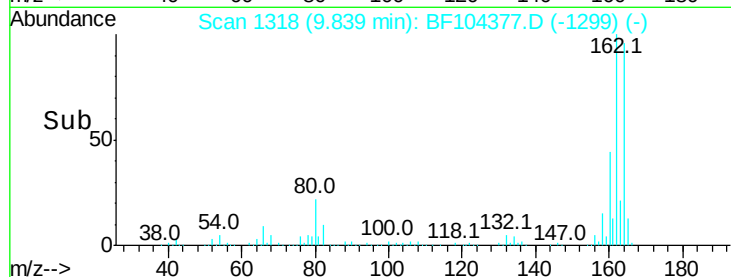
#56
 2,4-Dinitrotoluene
 Concen: 6.652 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.19 min
 Lab File: BF104377.D
 Acq: 9 Apr 2018 17:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	32993
Ion Ratio	Lower	Upper
165	100	
63	1.6	36.4 54.6#
89	1.4	57.8 86.6#
182	0.0	1.6 2.4#

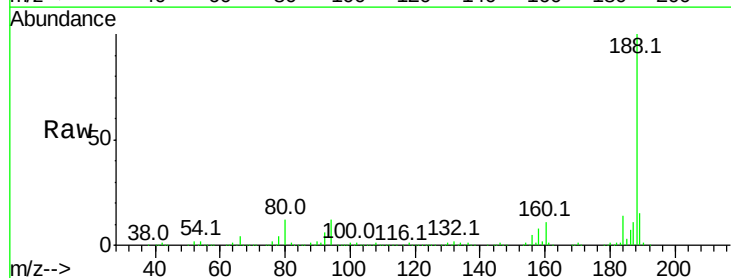


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

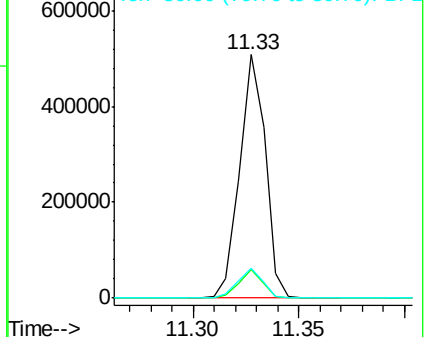
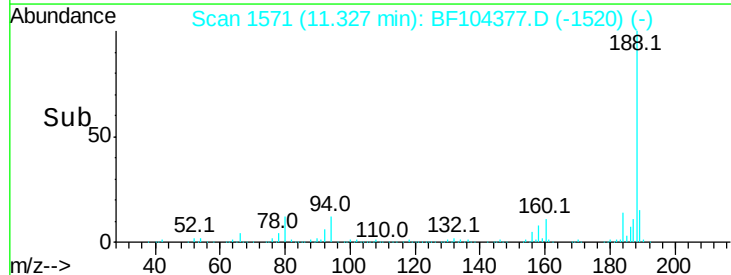


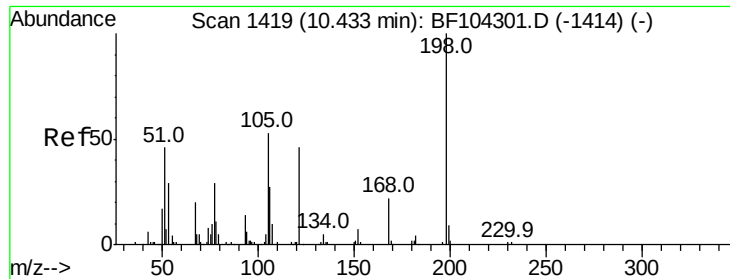
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF104377.D
 Acq: 9 Apr 2018 17:30

Tgt Ion:188	Resp:	427740
Ion Ratio	Lower	Upper
188	100	
94	11.6	8.5 12.7
80	12.3	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

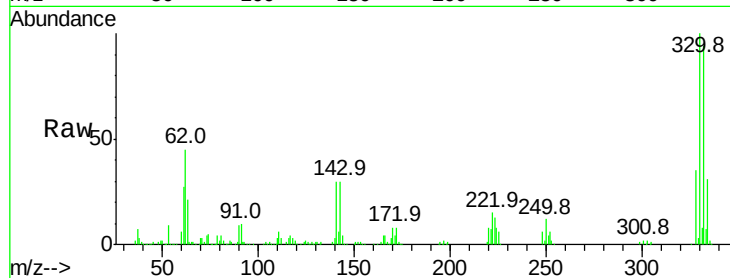




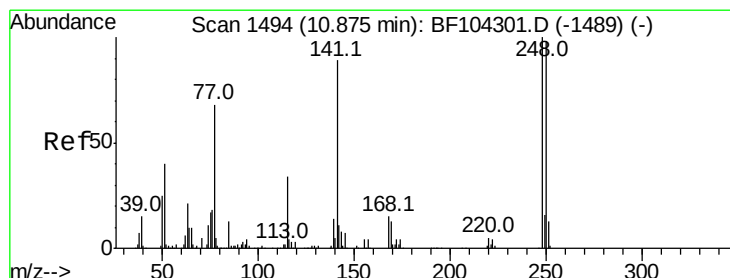
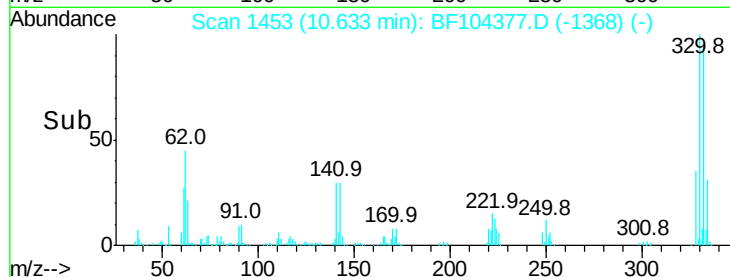
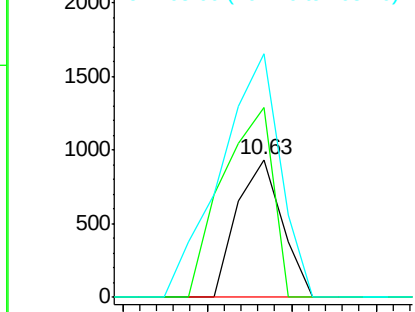
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.628 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.20 min
 Lab File: BF104377.D
 Acq: 9 Apr 2018 17:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 691
 Ion Ratio Lower Upper
 198 100
 51 138.2 37.7 77.7#
 105 177.2 36.3 76.3#

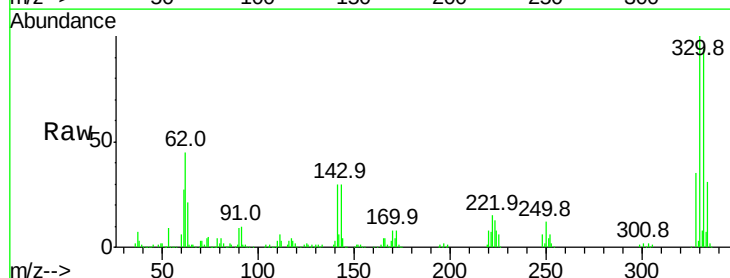


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

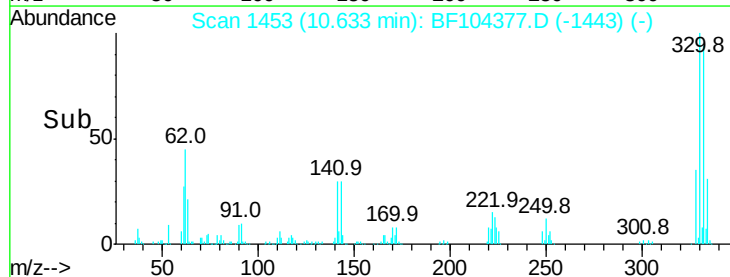
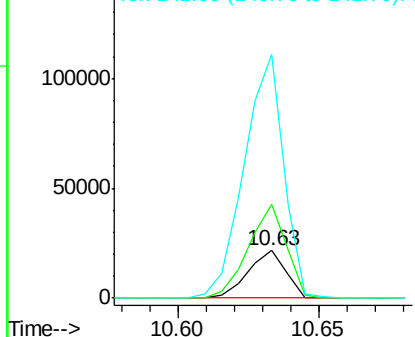


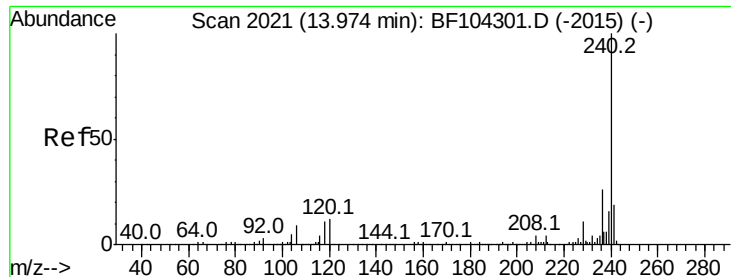
#66
 4-Bromophenyl-phenylether
 Concen: 4.379 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF104377.D
 Acq: 9 Apr 2018 17:30

Tgt Ion:248 Resp: 19925
 Ion Ratio Lower Upper
 248 100
 250 197.9 76.9 115.3#
 141 515.6 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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104377.D

Acq: 9 Apr 2018 17:30

Instrument :

BNA_F

ClientSampleId :

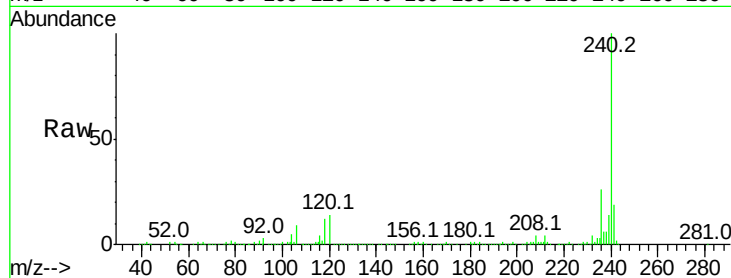
Tot Ion:240 Resp: 269906

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

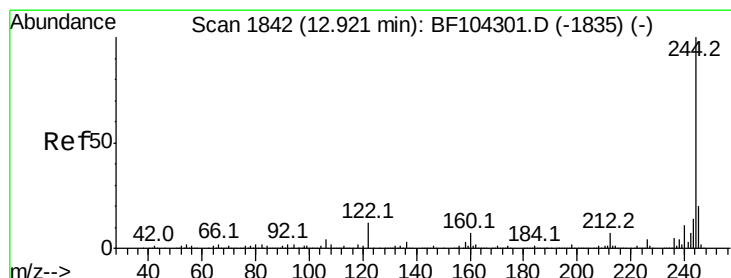
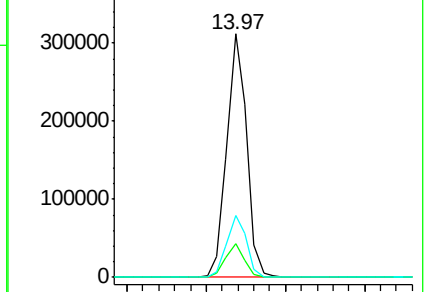
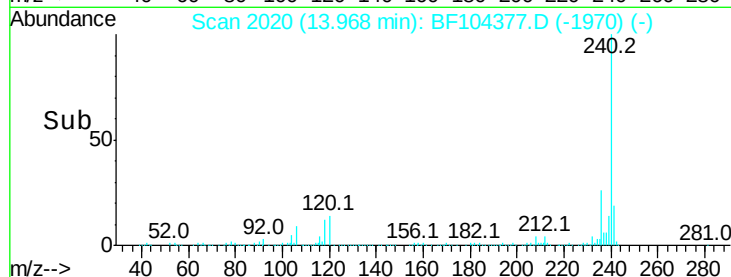
236 25.6 20.7 31.1



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: 92.134 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104377.D

Acq: 9 Apr 2018 17:30

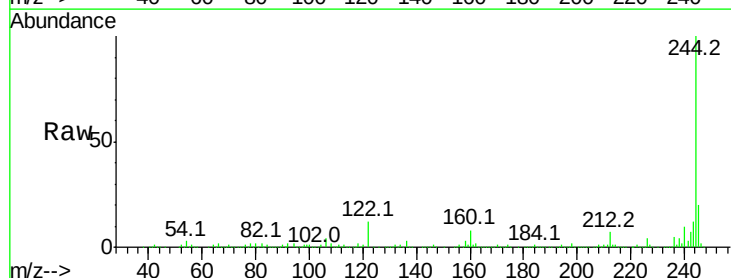
Tgt Ion:244 Resp: 1090767

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

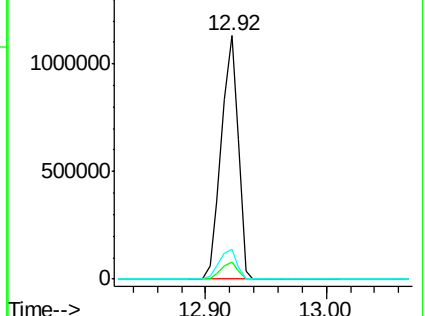
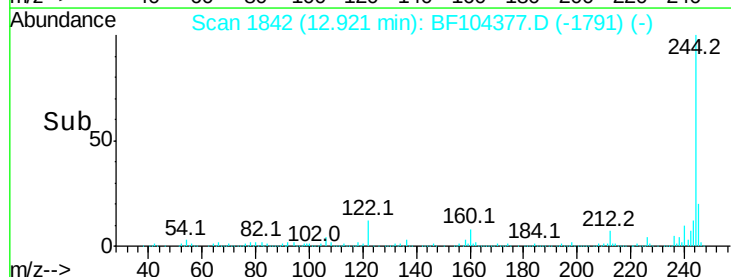
122 12.5 11.0 16.4

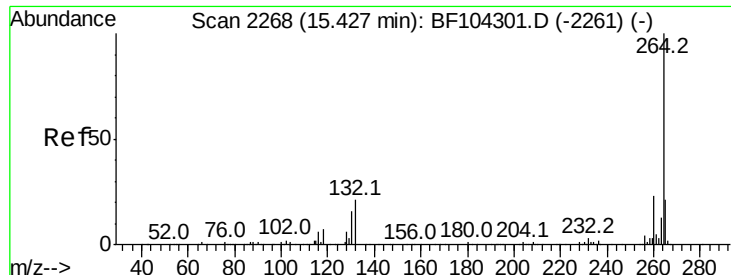


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BF104377.D
Acq: 9 Apr 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	17.5	26.3

