

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104368.D
 Acq On : 9 Apr 2018 13:31
 Operator : JU/SJ
 Sample : J2184-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 01:14:42 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	135391	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	537440	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	237347	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	372120	20.00	ng	0.00
75) Chrysene-d12	13.97	240	254945	20.00	ng	0.00
86) Perylene-d12	15.43	264	297063	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	923253	104.27	ng	0.01
7) Phenol-d6	6.43	99	1119820	102.93	ng	0.00
23) Nitrobenzene-d5	7.37	82	680659	82.70	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	251806	102.27	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1100730	73.26	ng	0.00
78) Terphenyl-d14	12.92	244	784228	70.13	ng	0.00

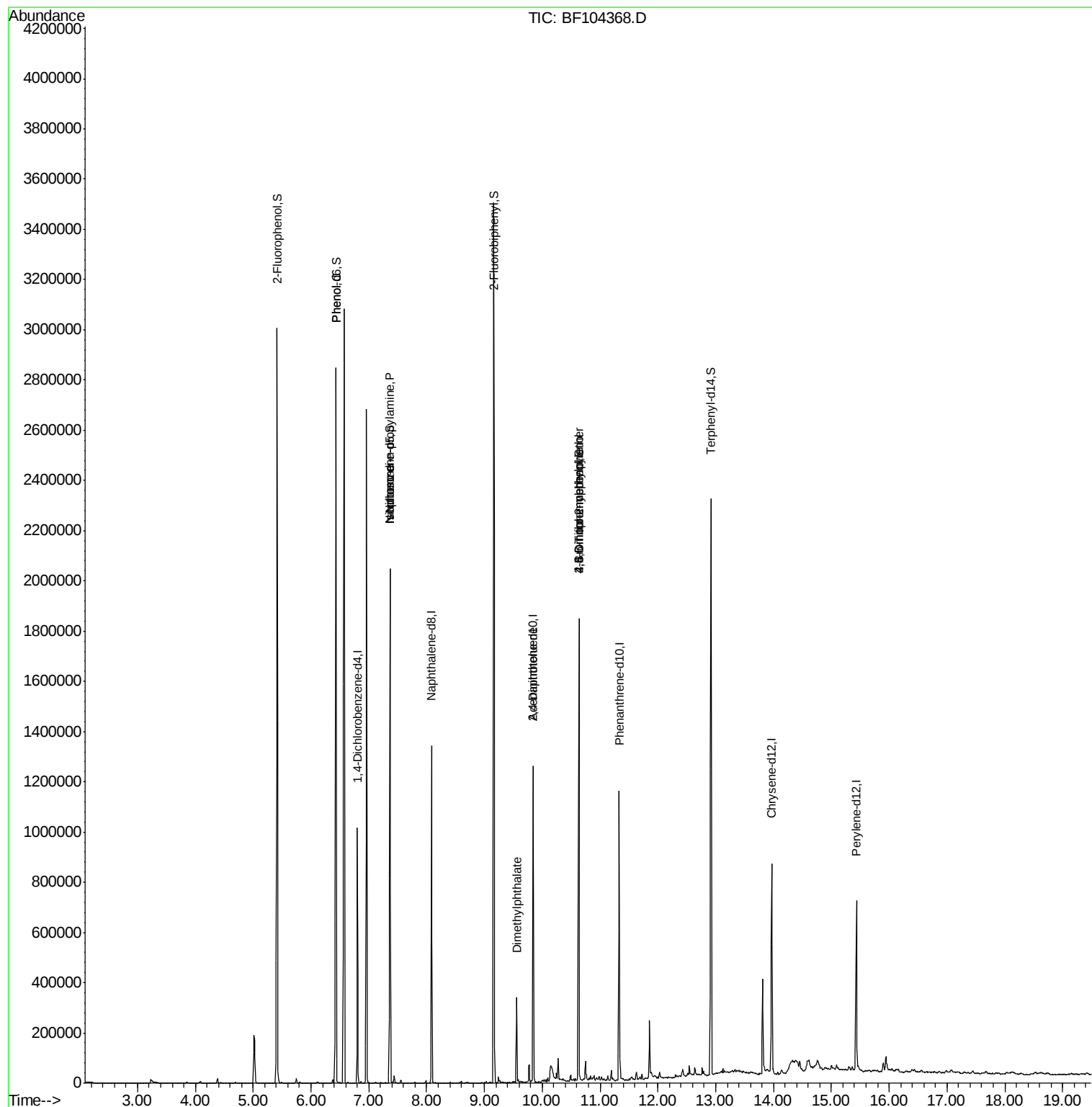
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	1982	Below Cal	#	1
10) Phenol	6.44	94	24955	2.162	ng	# 54
19) n-Nitroso-di-n-propylamine	7.37	70	87336	12.285	ng	# 75
25) Isophorone	7.37	82	680617	39.105	ng	# 64
49) Dimethylphthalate	9.56	163	122875	6.565	ng	98
56) 2,4-Dinitrotoluene	9.84	165	30170	6.641	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	507	7.584	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	15066	3.806	ng	# 1
76) Benzidine	12.92	184	9920	Below Cal	#	90

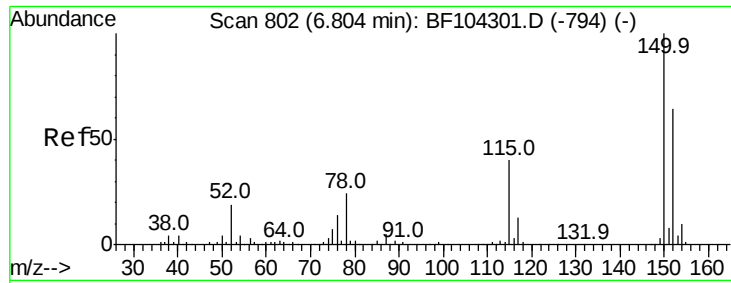
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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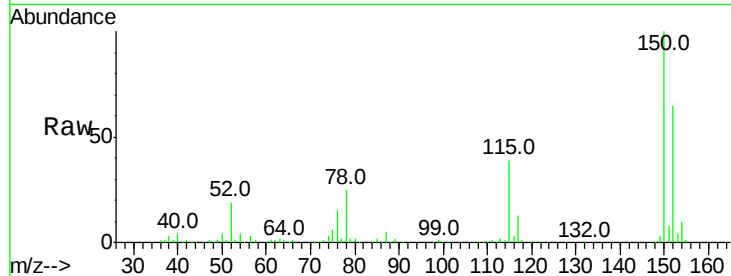


#1

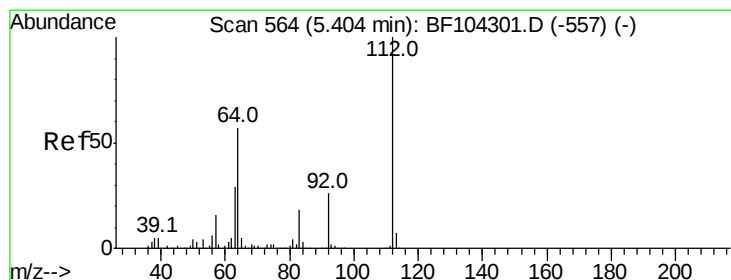
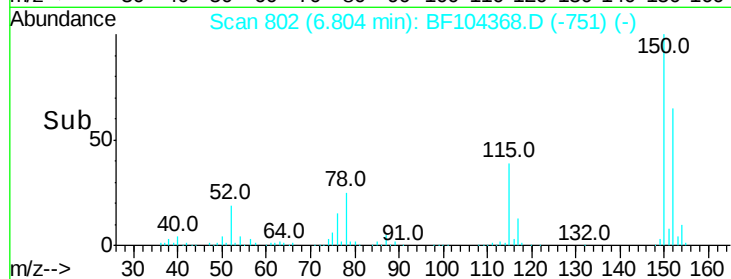
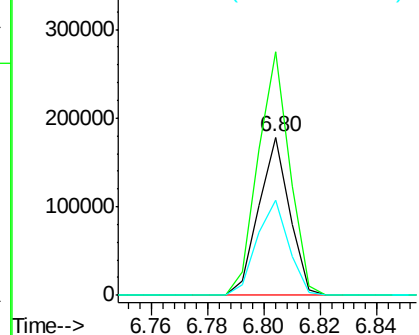
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104368.D
Acq: 9 Apr 2018 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135391
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 60.4 50.1 75.1



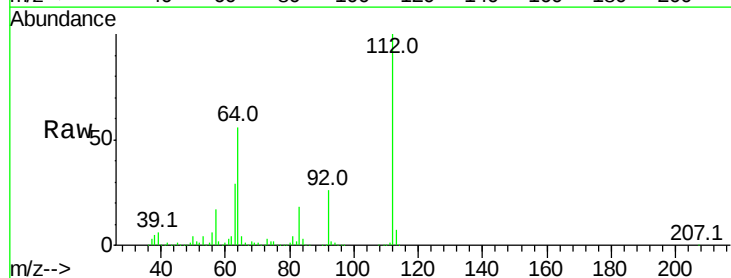
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



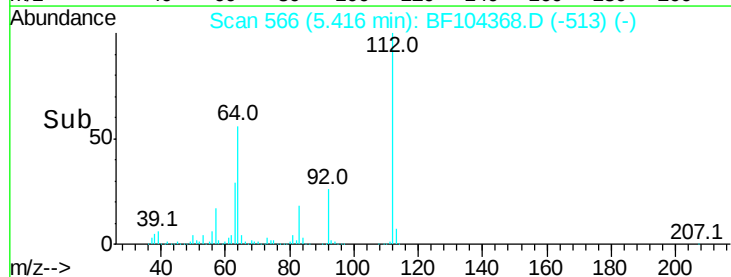
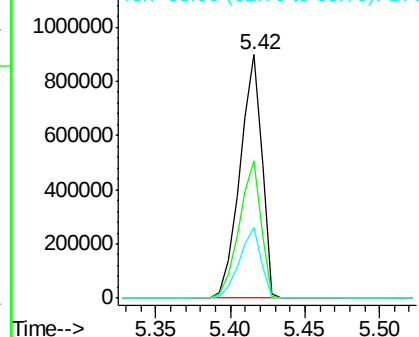
#5

2-Fluorophenol
Concen: 104.269 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104368.D
Acq: 9 Apr 2018 13:31

Tgt Ion:112 Resp: 923253
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 28.8 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: 102.931 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104368.D

Acq: 9 Apr 2018 13:31

Instrument :

BNA_F

ClientSampleId :

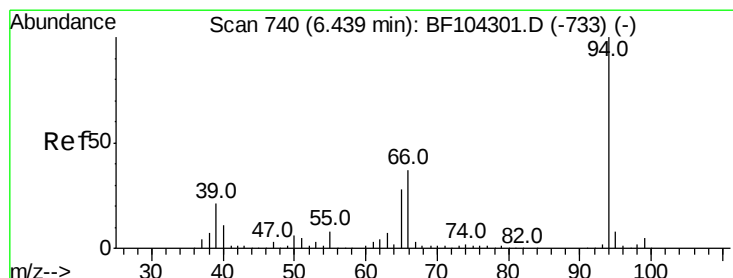
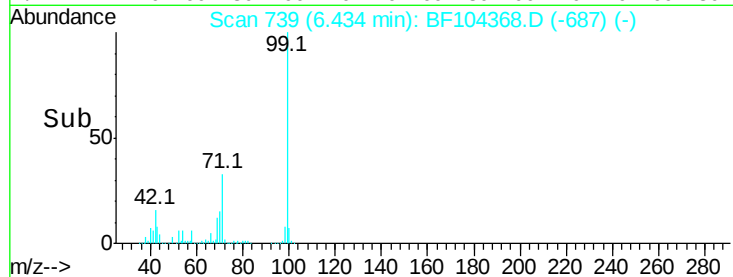
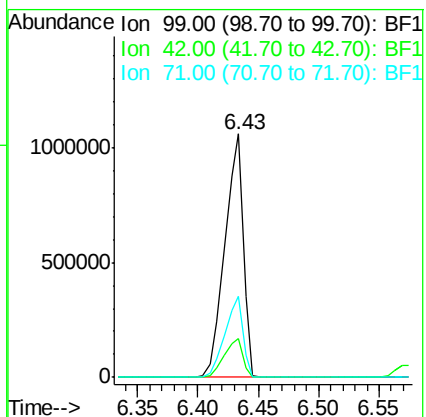
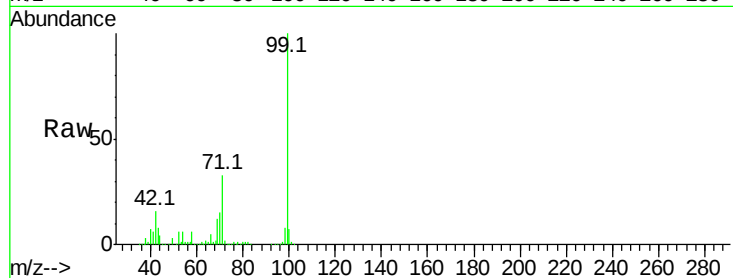
Tot Ion: 99 Resp: 1119820

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 33.5 25.4 38.0



#10

Phenol

Concen: 2.162 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104368.D

Acq: 9 Apr 2018 13:31

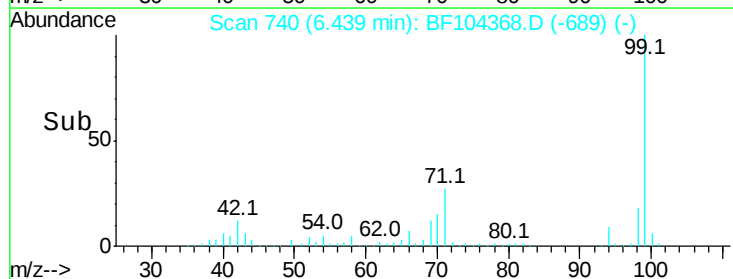
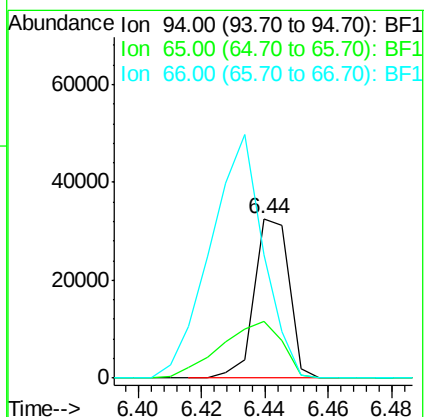
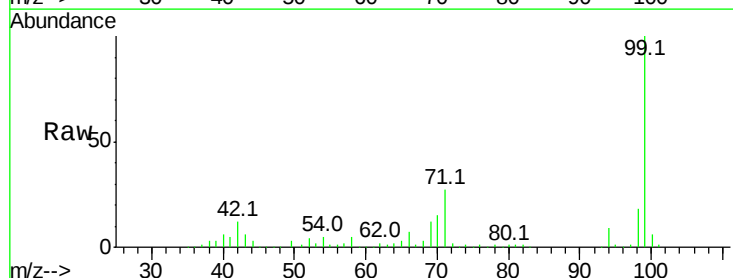
Tgt Ion: 94 Resp: 24955

Ion Ratio Lower Upper

94 100

65 35.9 7.9 47.9

66 77.6 16.2 56.2#

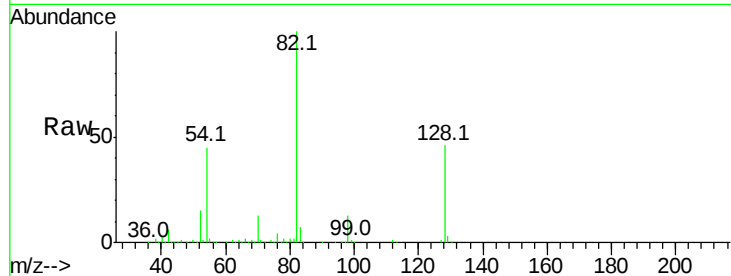




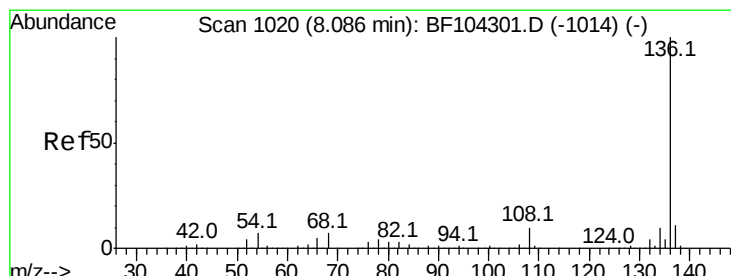
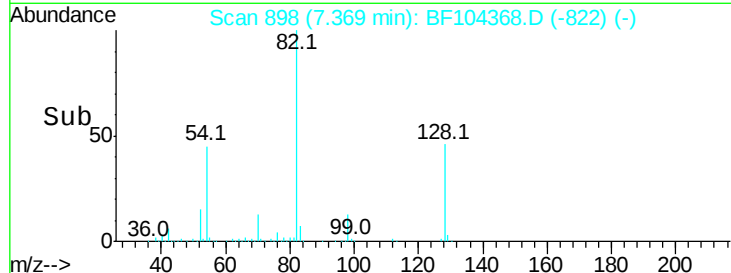
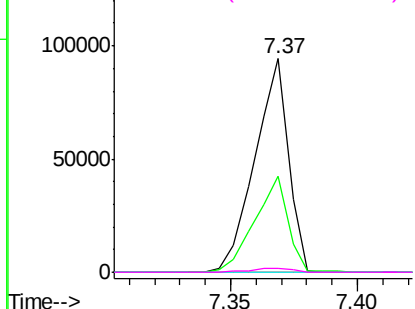
#19
n-Nitroso-di-n-propylamine
Concen: 12.285 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104368.D
Acq: 9 Apr 2018 13:31

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 87336
Ion Ratio Lower Upper
70 100
42 44.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#

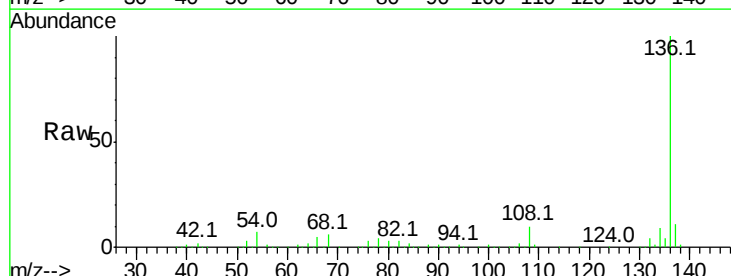


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

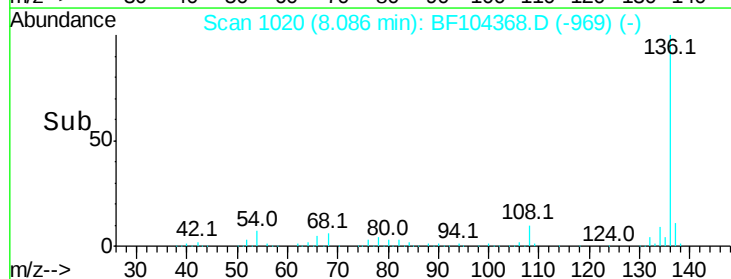
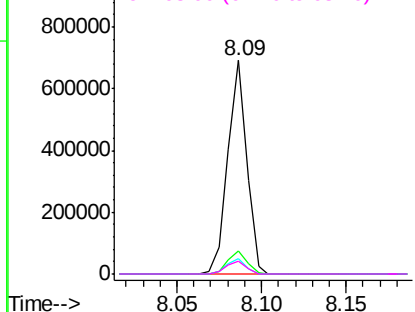


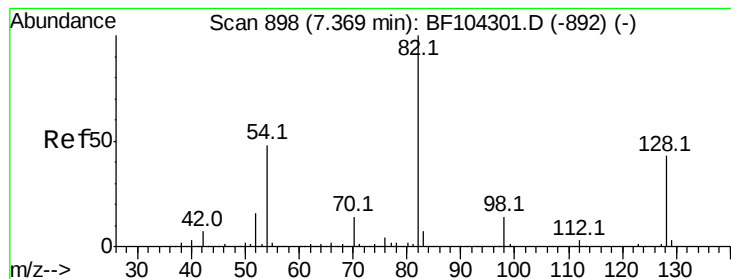
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104368.D
Acq: 9 Apr 2018 13:31

Tgt Ion:136 Resp: 537440
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.9 6.6 9.8
68 6.1 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: 82.699 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF104368.D

Acq: 9 Apr 2018 13:31

Instrument :

BNA_F

ClientSampled :

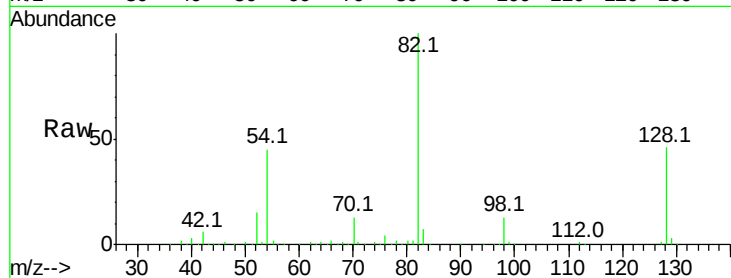
Tot Ion: 82 Resp: 680659

Ion Ratio Lower Upper

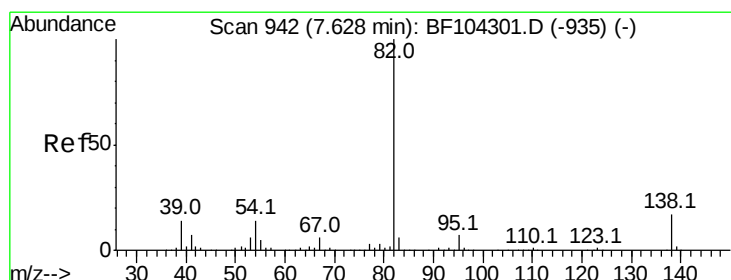
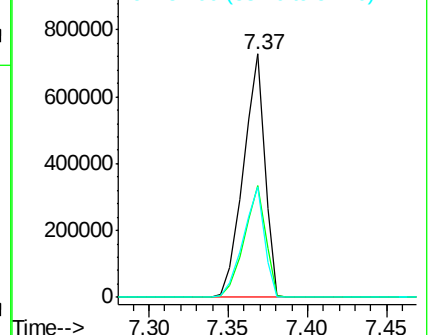
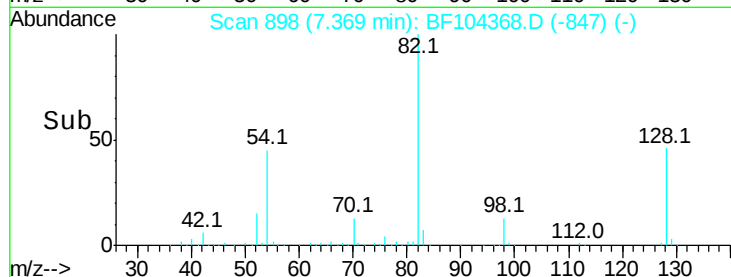
82 100

128 45.8 36.1 54.1

54 45.4 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: 39.105 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104368.D

Acq: 9 Apr 2018 13:31

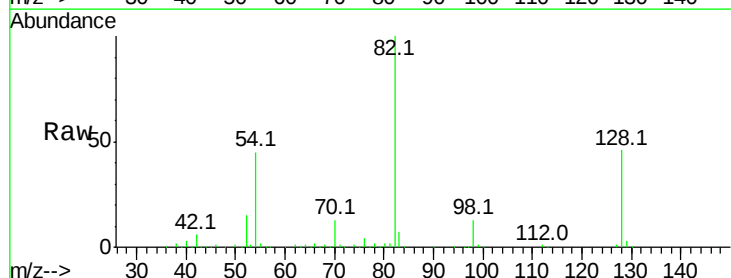
Tgt Ion: 82 Resp: 680617

Ion Ratio Lower Upper

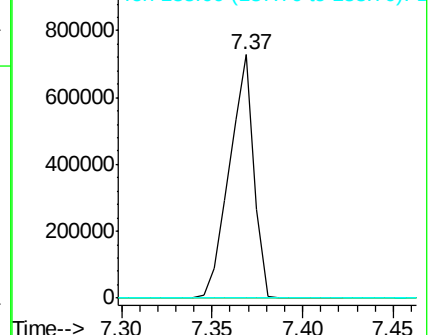
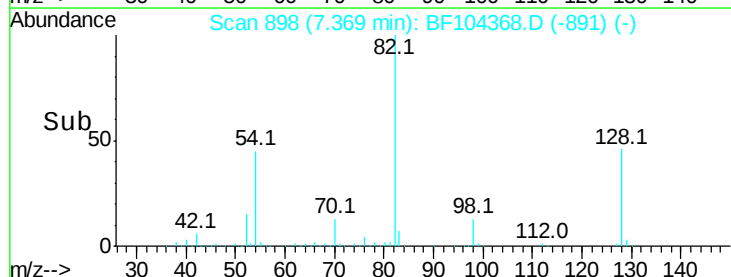
82 100

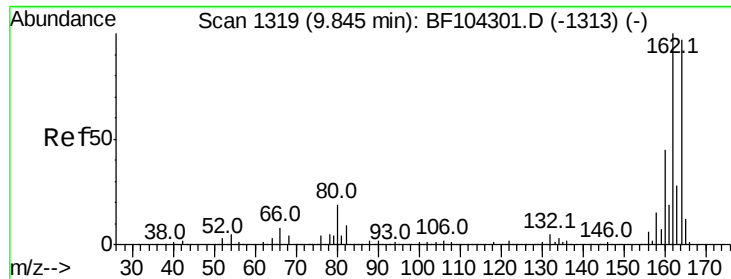
95 0.0 5.2 7.8#

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

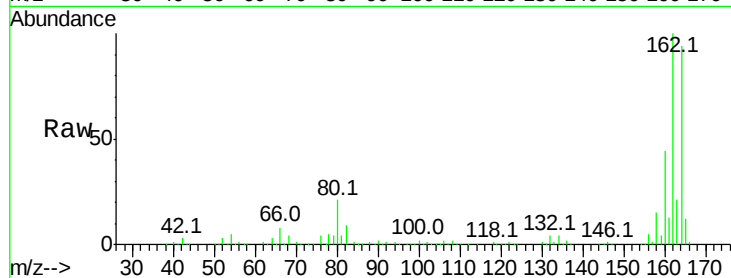




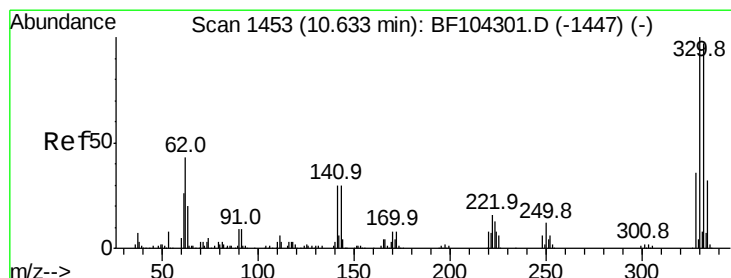
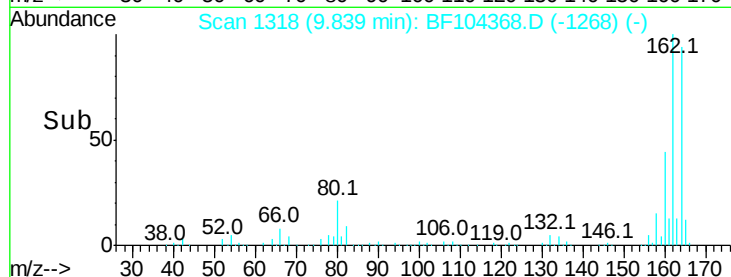
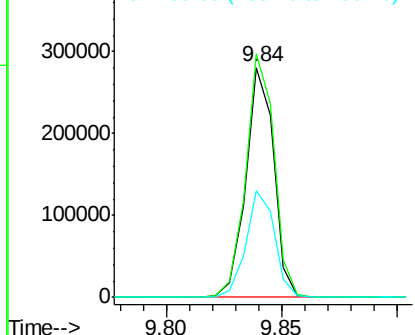
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104368.D
 Acq: 9 Apr 2018 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	46.2	38.3	57.5

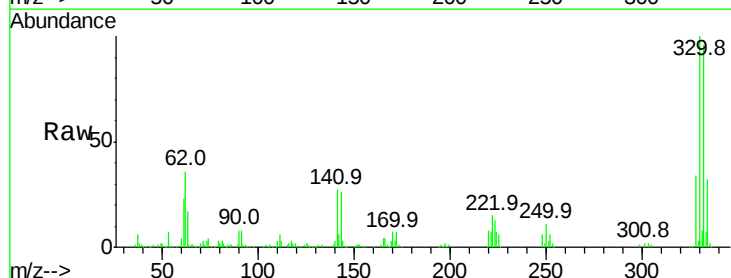


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

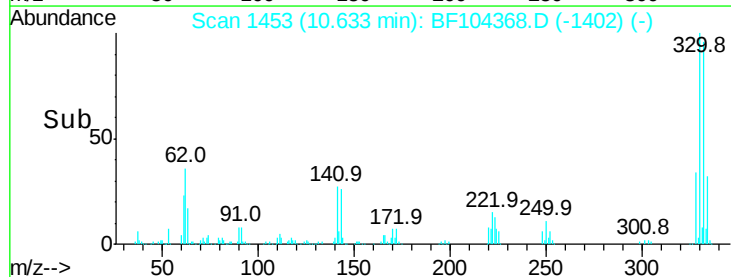
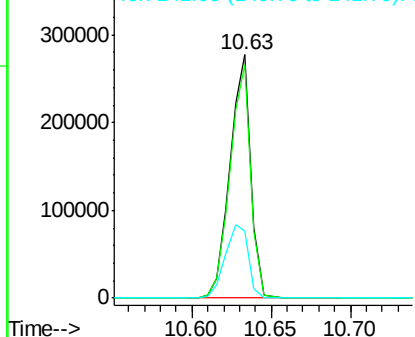


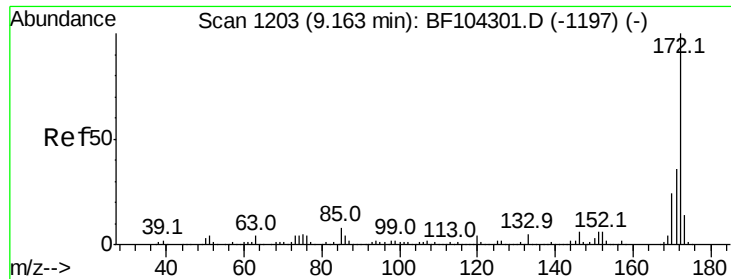
#41
 2,4,6-Tribromophenol
 Concen: 102.274 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF104368.D
 Acq: 9 Apr 2018 13:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.3	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

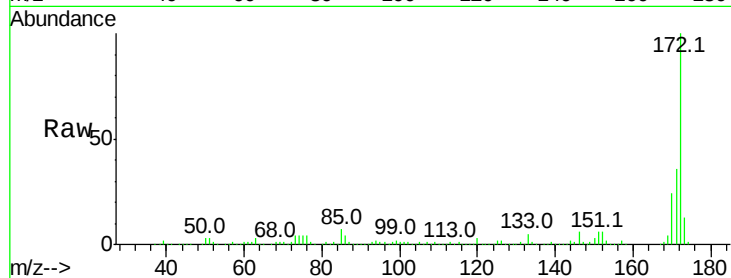




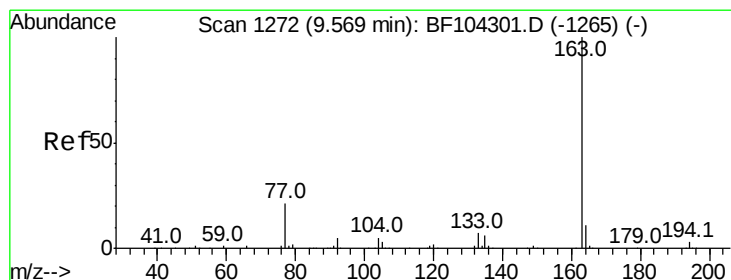
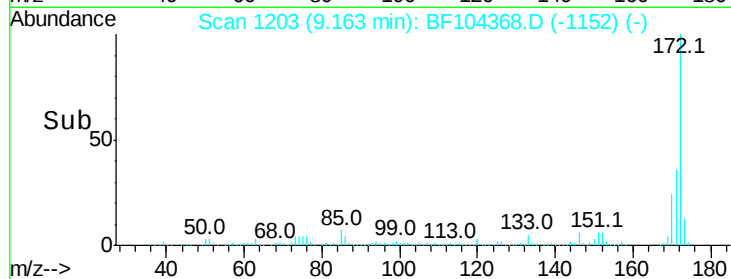
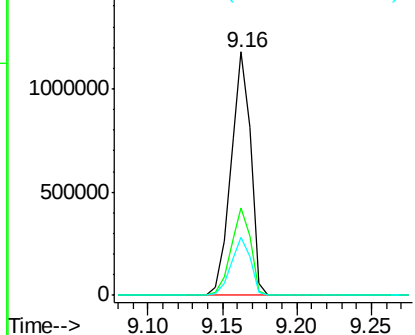
#44
2-Fluorobiphenyl
Concen: 73.263 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF104368.D
Acq: 9 Apr 2018 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1100730
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.6 19.6 29.4

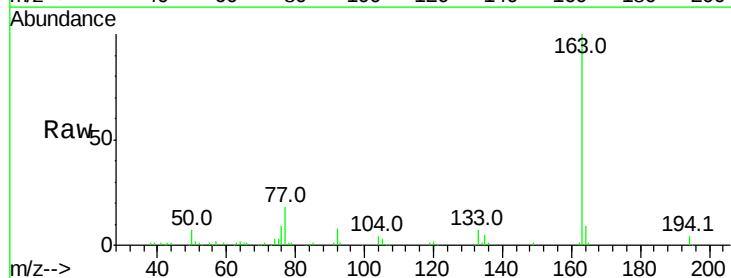


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

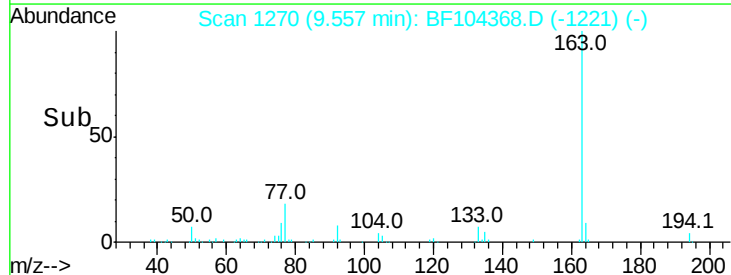
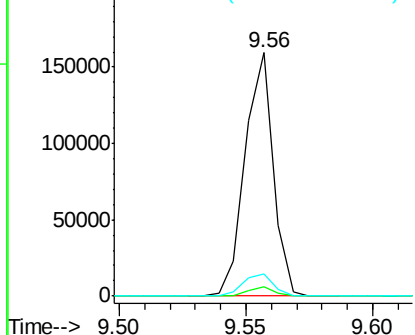


#49
Dimethylphthalate
Concen: 6.565 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104368.D
Acq: 9 Apr 2018 13:31

Tgt Ion:163 Resp: 122875
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.2 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

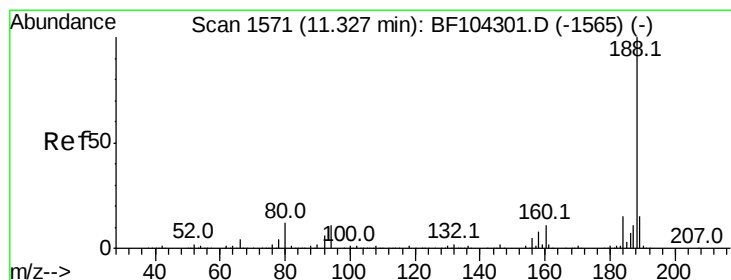
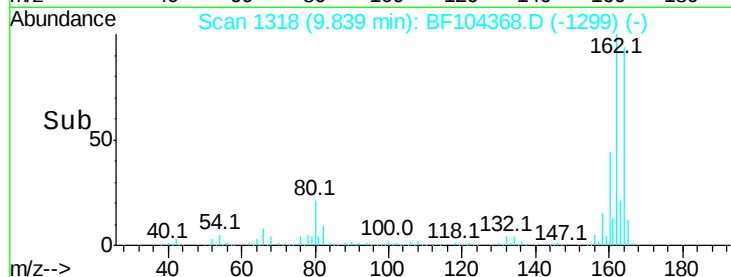
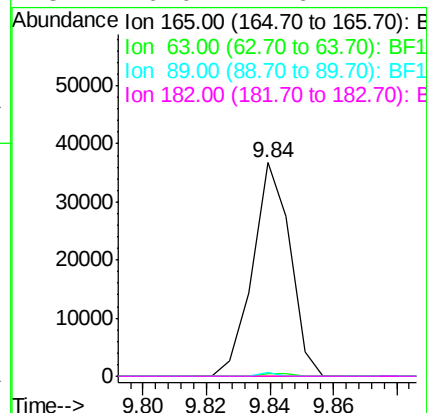
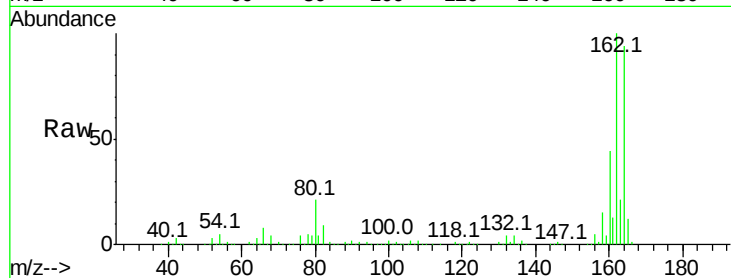




#56
 2,4-Dinitrotoluene
 Concen: 6.641 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.19 min
 Lab File: BF104368.D
 Acq: 9 Apr 2018 13:31

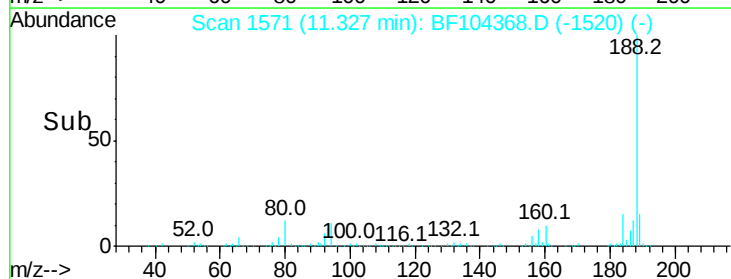
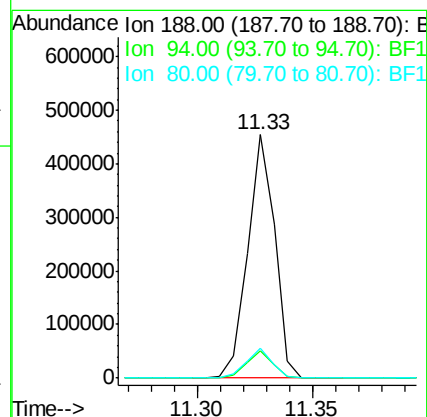
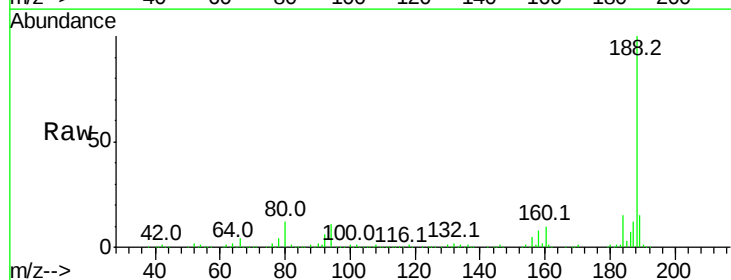
Instrument :
 BNA_F
 ClientSampleId :

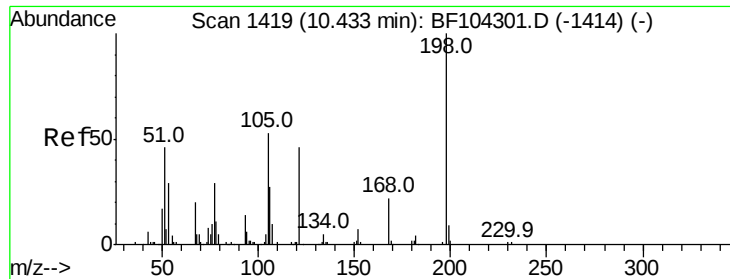
Tot Ion:165	Resp: 30170
Ion Ratio	Lower Upper
165 100	
63 1.1	36.4 54.6#
89 1.8	57.8 86.6#
182 0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF104368.D
 Acq: 9 Apr 2018 13:31

Tgt	Ion:188	Resp:	372120
Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.3	9.2	13.8

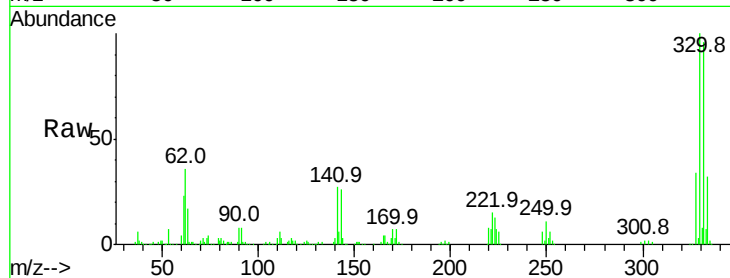




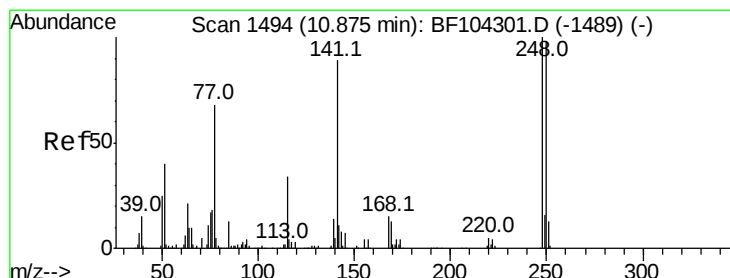
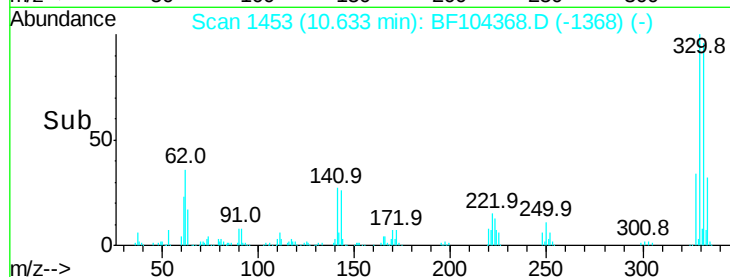
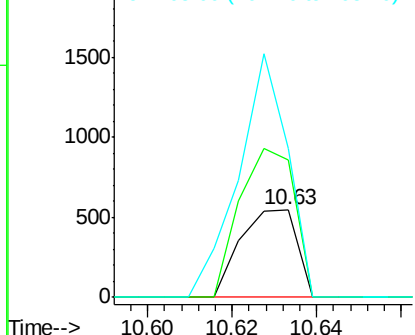
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.584 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.20 min
 Lab File: BF104368.D
 Acq: 9 Apr 2018 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 507
 Ion Ratio Lower Upper
 198 100
 51 156.0 37.7 77.7#
 105 169.2 36.3 76.3#

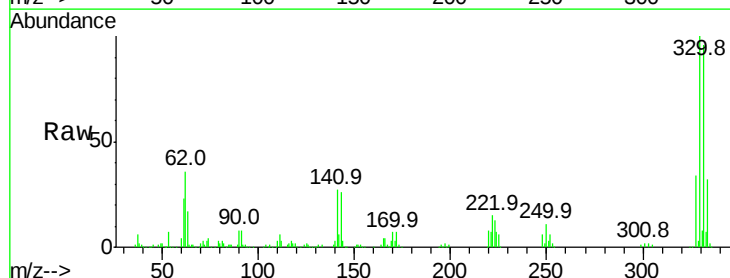


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

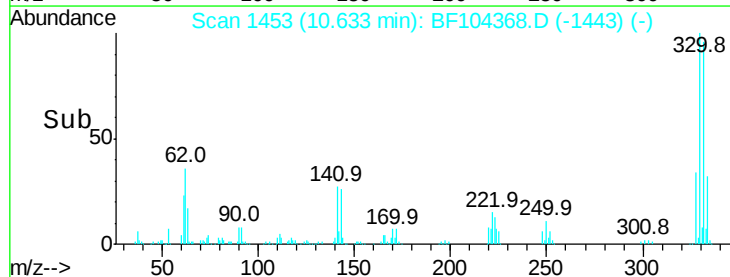
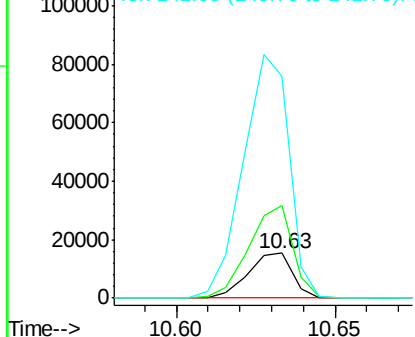


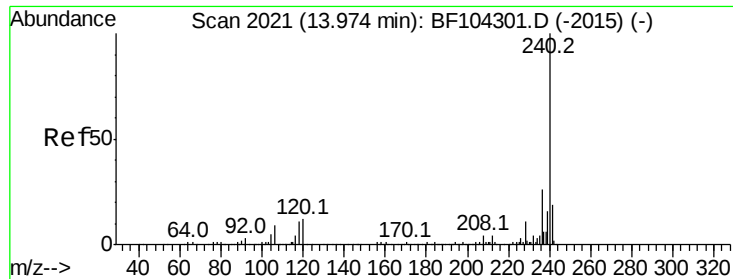
#66
 4-Bromophenyl-phenylether
 Concen: 3.806 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF104368.D
 Acq: 9 Apr 2018 13:31

Tgt Ion:248 Resp: 15066
 Ion Ratio Lower Upper
 248 100
 250 204.9 76.9 115.3#
 141 490.4 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104368.D

Acq: 9 Apr 2018 13:31

Instrument :

BNA_F

ClientSampleId :

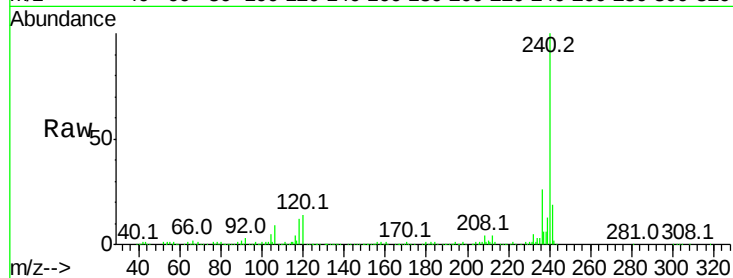
Tot Ion:240 Resp: 254945

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

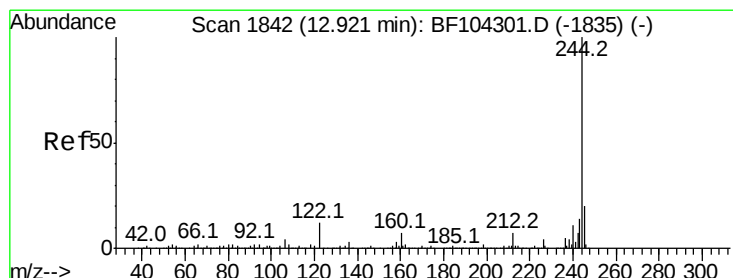
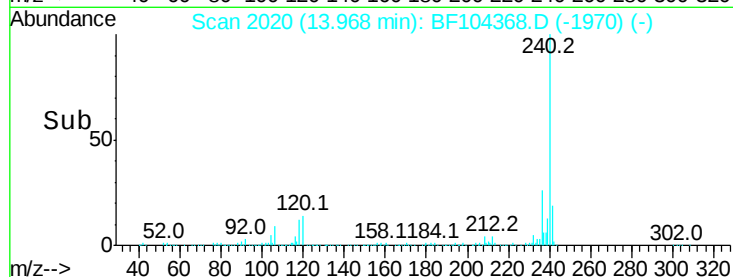
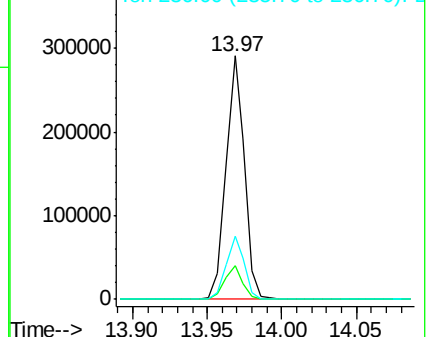
236 25.9 20.7 31.1



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: 70.129 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104368.D

Acq: 9 Apr 2018 13:31

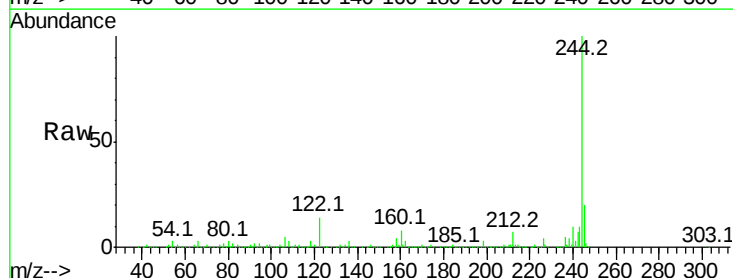
Tgt Ion:244 Resp: 784228

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

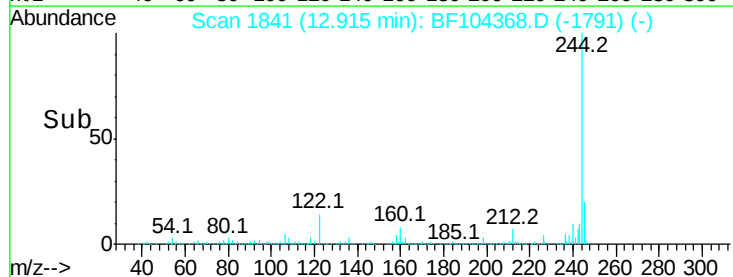
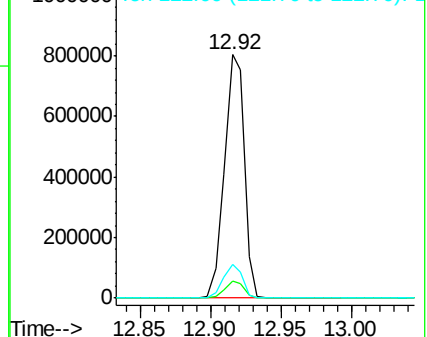
122 13.8 11.0 16.4

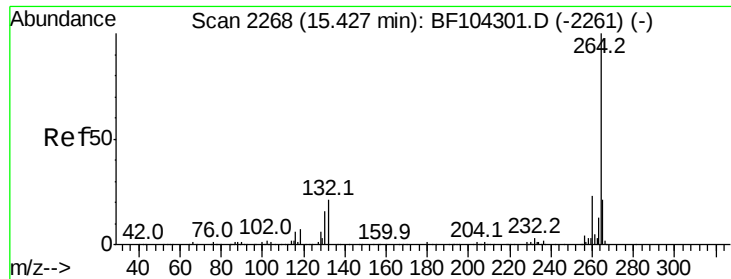


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF104368.D
Acq: 9 Apr 2018 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.2	17.5	26.3

