

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104317.D
 Acq On : 6 Apr 2018 20:37
 Operator : JU/SJ
 Sample : J2223-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CV-RB47188RT

Quant Time: Apr 06 23:11:12 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

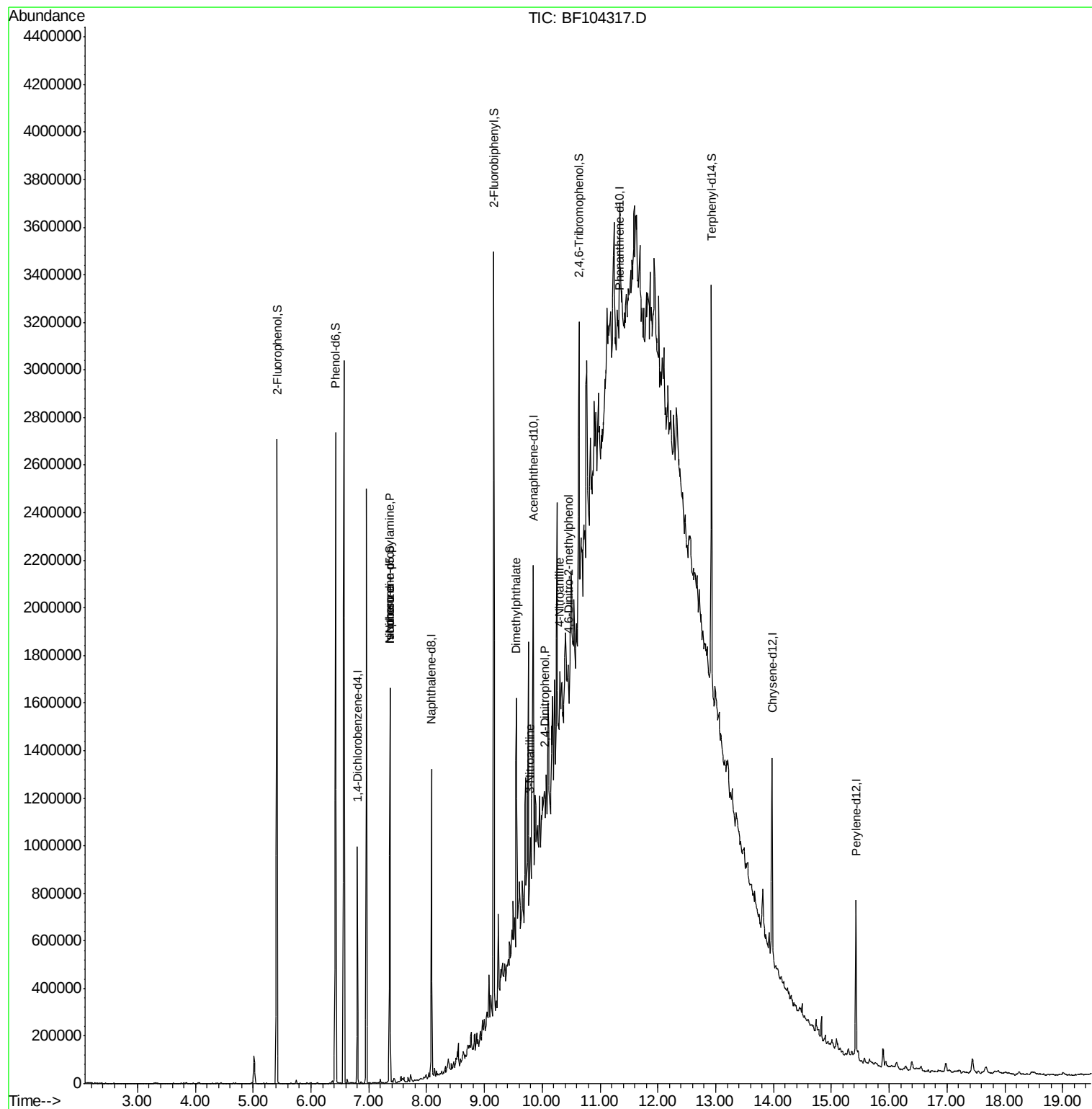
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140935	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	556870	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	222198	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	282176	20.00	ng	0.01
75) Chrysene-d12	13.97	240	293328	20.00	ng	0.00
86) Perylene-d12	15.43	264	290893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	833638	90.44	ng	0.00
7) Phenol-d6	6.43	99	1026881	90.67	ng	0.00
23) Nitrobenzene-d5	7.37	82	608282	71.33	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	189941	82.41	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	988452	70.28	ng	0.00
78) Terphenyl-d14	12.93	244	653487	50.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	81028	10.949	ng	# 74
25) Isophorone	7.37	82	607806	33.704	ng	# 64
49) Dimethylphthalate	9.56	163	89446	5.105	ng	# 94
52) 3-Nitroaniline	9.79	138	8420	2.218	ng	# 20
53) 2,4-Dinitrophenol	10.04	184	384	5.559	ng	# 1
61) 4-Nitroaniline	10.30	138	14762	3.978	ng	# 76
64) 4,6-Dinitro-2-methylphenol	10.46	198	1261	8.124	ng	# 1
76) Benzidine	12.69	184	356	Below Cal		# 1

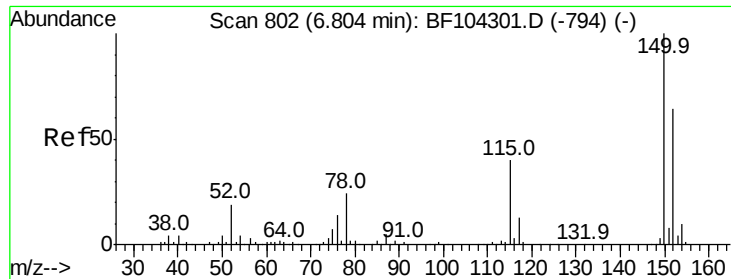
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF104317.D

Acq: 6 Apr 2018 20:37

Instrument :

BNA_F

ClientSampleId :

CV-RB47188RT

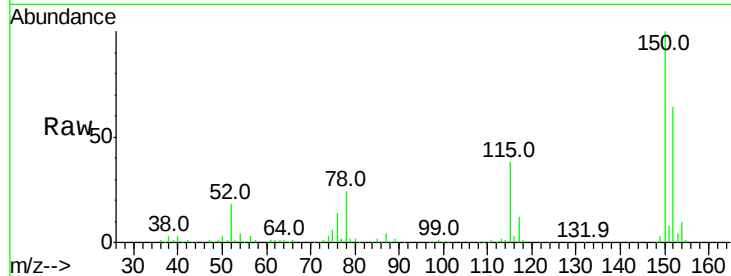
Tot Ion:152 Resp: 140935

Ion Ratio Lower Upper

152 100

150 157.3 124.6 186.8

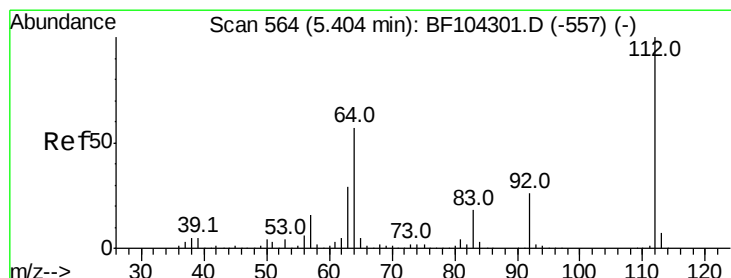
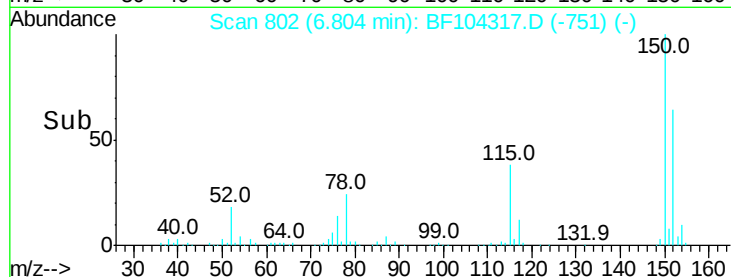
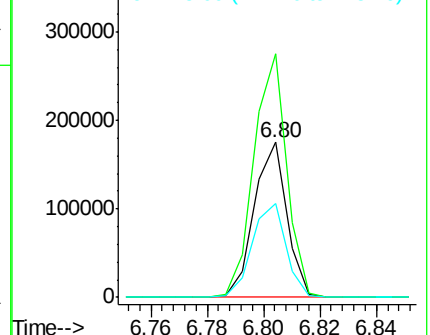
115 60.3 50.1 75.1



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: 90.444 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF104317.D

Acq: 6 Apr 2018 20:37

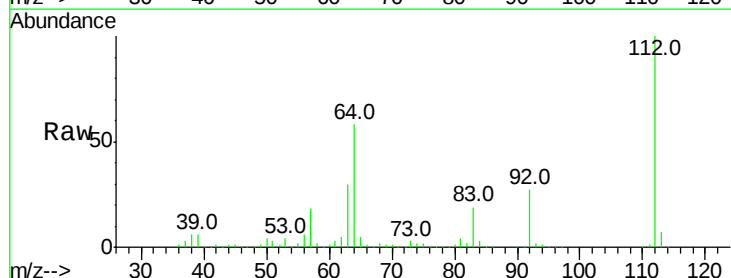
Tgt Ion:112 Resp: 833638

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

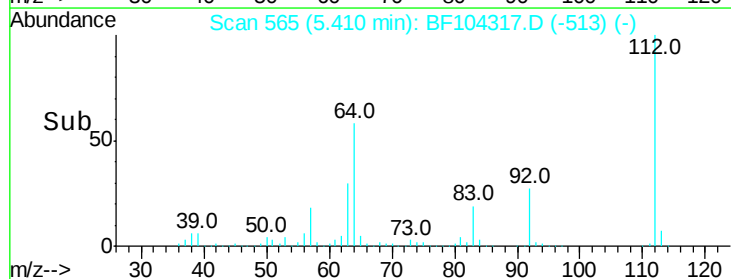
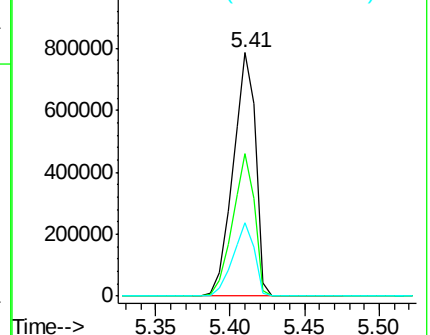
63 30.1 23.7 35.5

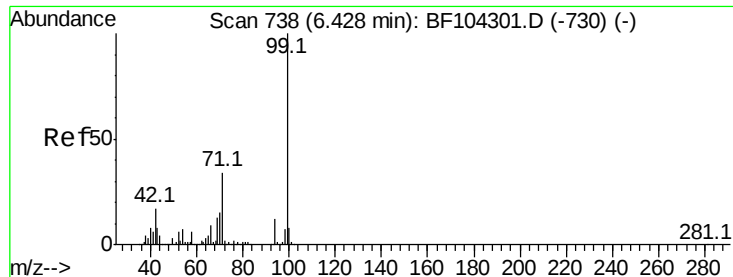


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 90.675 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF104317.D

Acq: 6 Apr 2018 20:37

Instrument :

BNA_F

ClientSampleId :

CV-RB47188RT

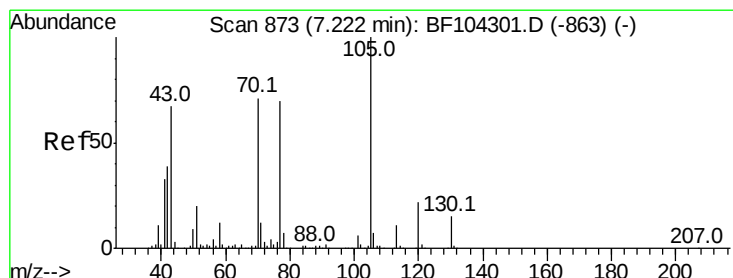
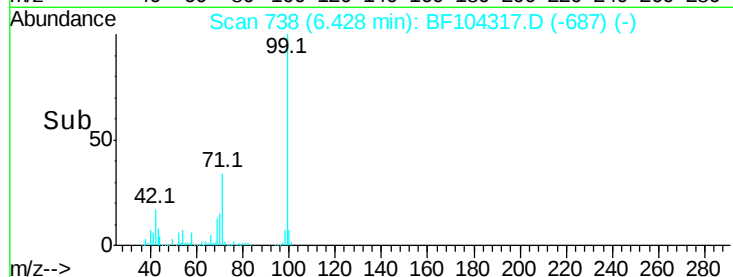
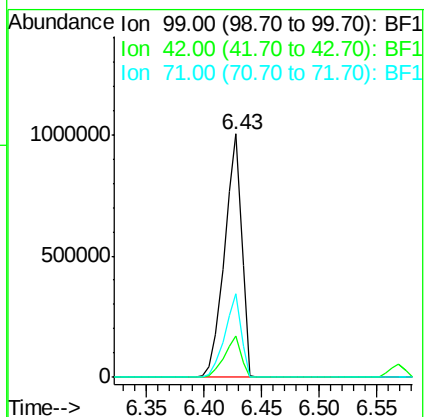
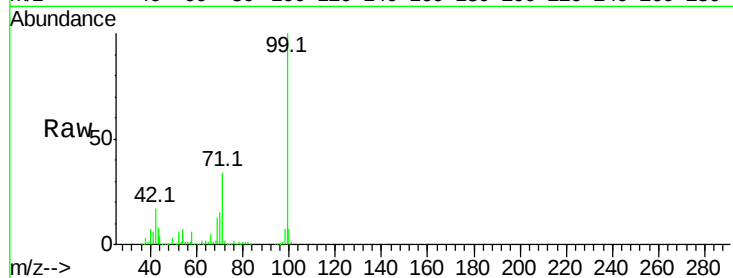
Tot Ion: 99 Resp: 1026881

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

71 34.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.949 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.14 min

Lab File: BF104317.D

Acq: 6 Apr 2018 20:37

Tgt Ion: 70 Resp: 81028

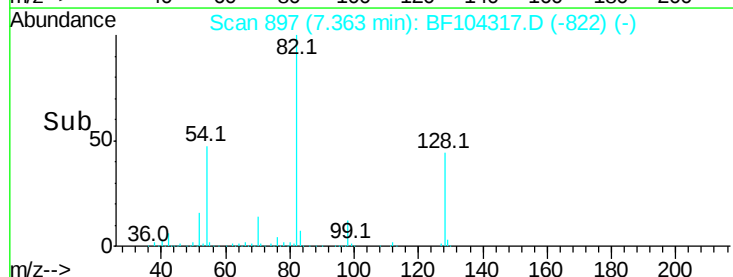
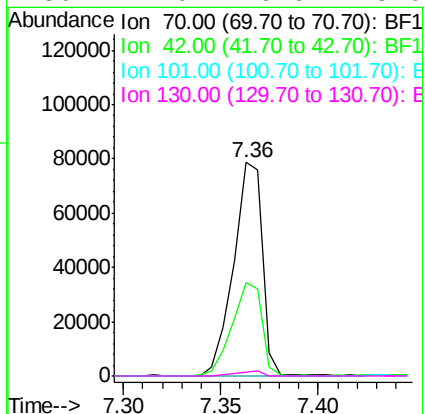
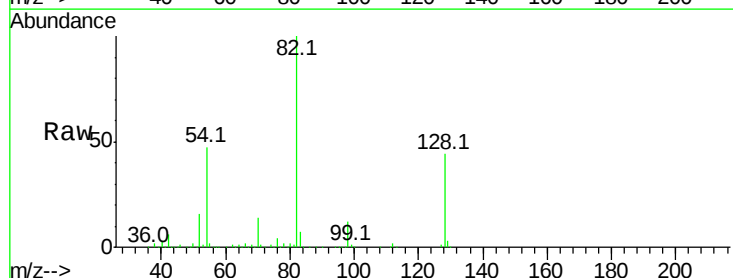
Ion Ratio Lower Upper

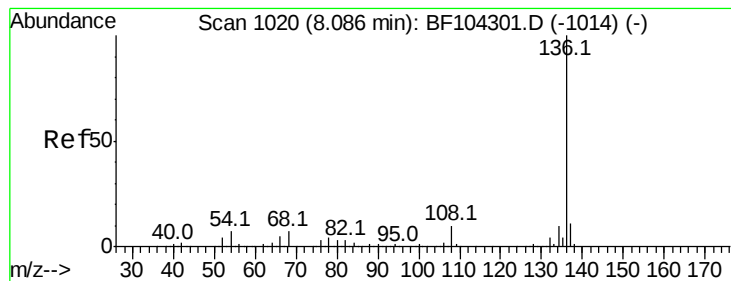
70 100

42 43.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF104317.D

Acq: 6 Apr 2018 20:37

Instrument :

BNA_F

ClientSampleId :

CV-RB47188RT

Tot Ion:136 Resp: 556870

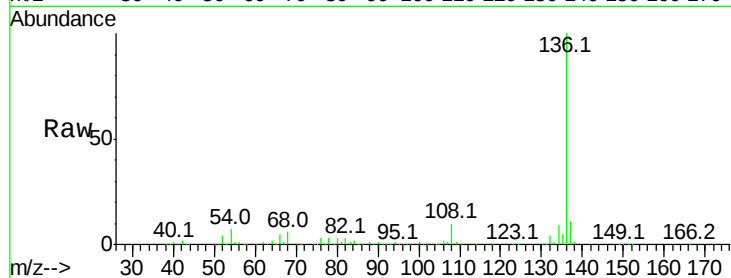
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.6 9.8

68 6.1 5.0 7.4

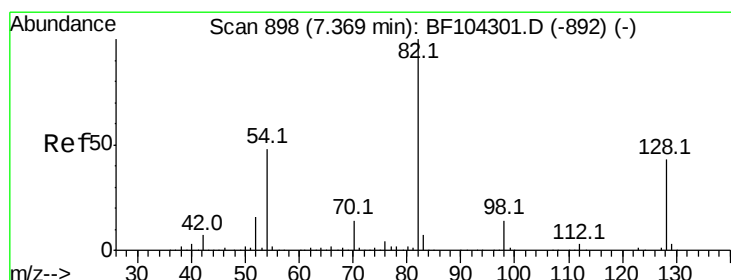
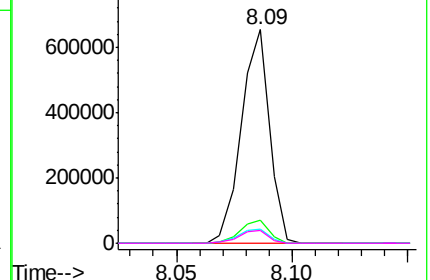
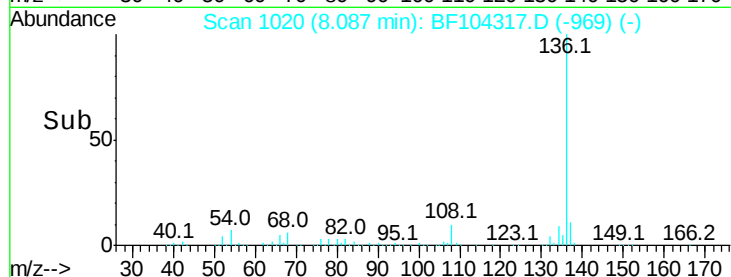


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.327 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF104317.D

Acq: 6 Apr 2018 20:37

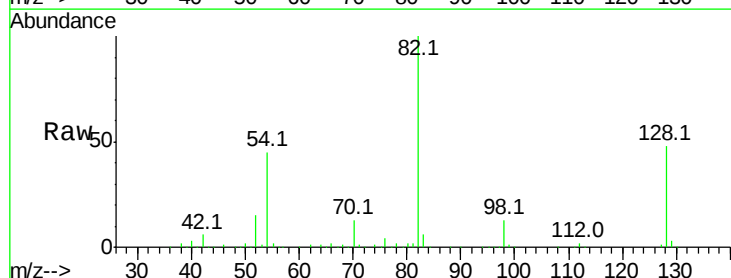
Tgt Ion: 82 Resp: 608282

Ion Ratio Lower Upper

82 100

128 47.7 36.1 54.1

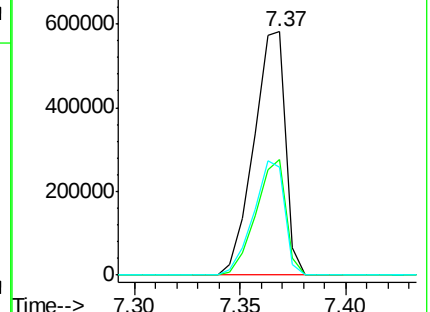
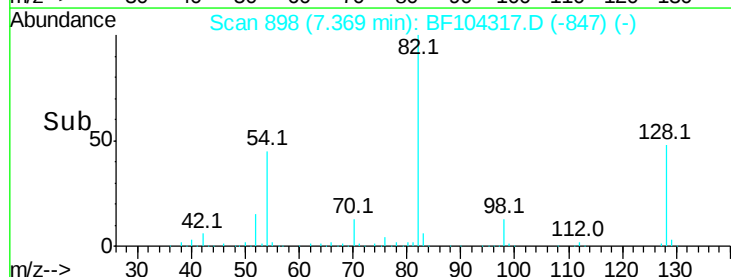
54 44.6 41.4 62.2

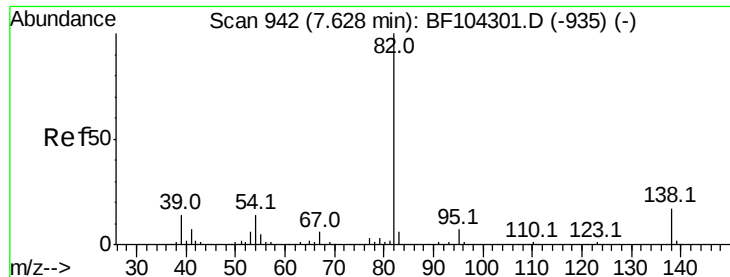


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.704 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104317.D

Acq: 6 Apr 2018 20:37

Instrument :

BNA_F

ClientSampleId :

CV-RB47188RT

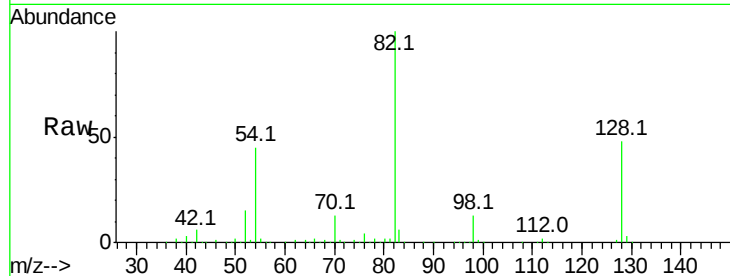
Tot Ion: 82 Resp: 607806

Ion Ratio Lower Upper

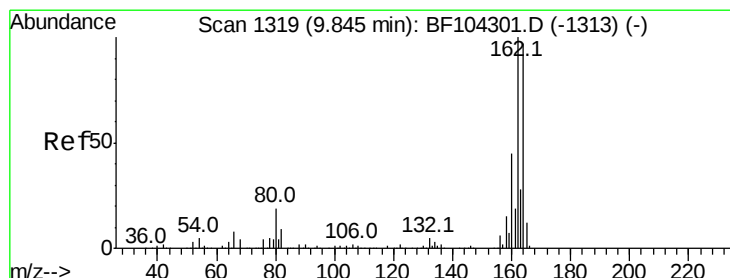
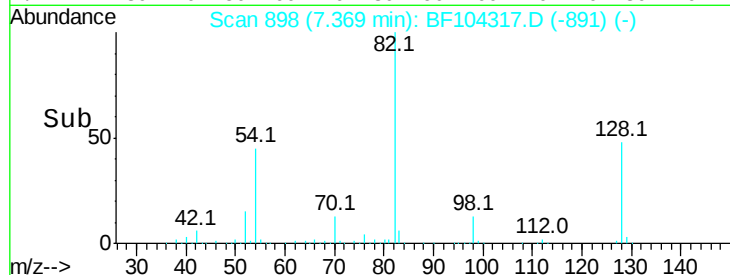
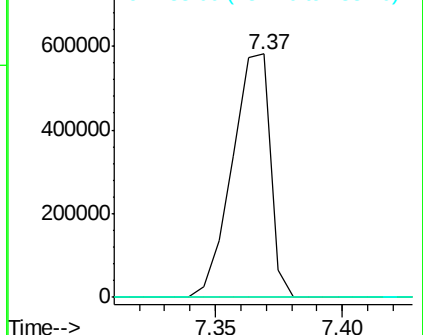
82 100

95 0.1 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: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF104317.D

Acq: 6 Apr 2018 20:37

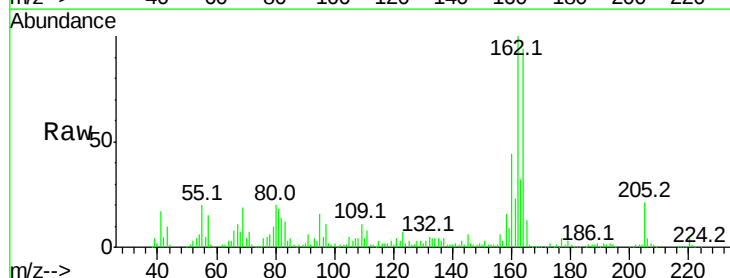
Tgt Ion:164 Resp: 222198

Ion Ratio Lower Upper

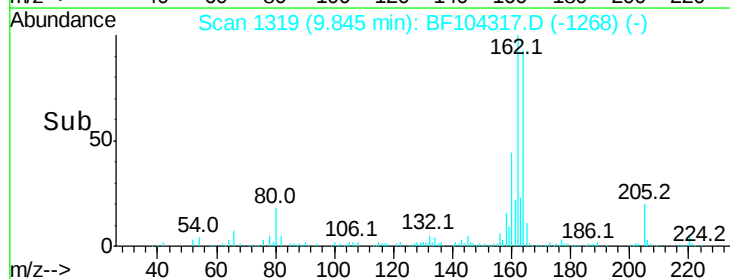
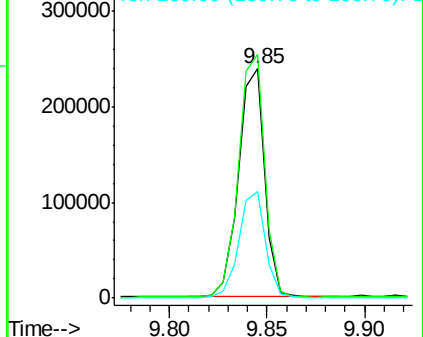
164 100

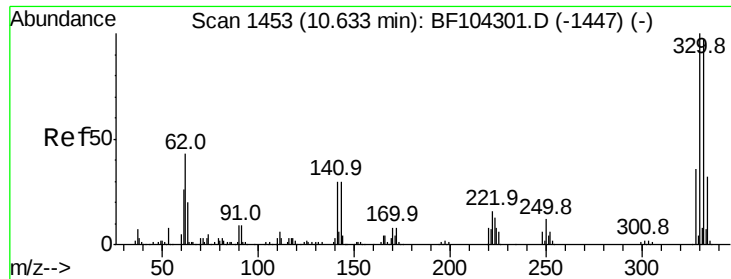
162 106.2 86.1 129.1

160 46.5 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

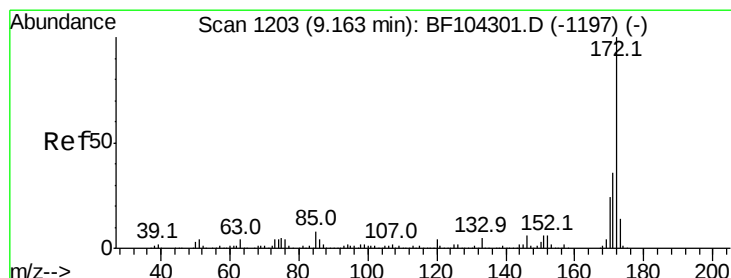
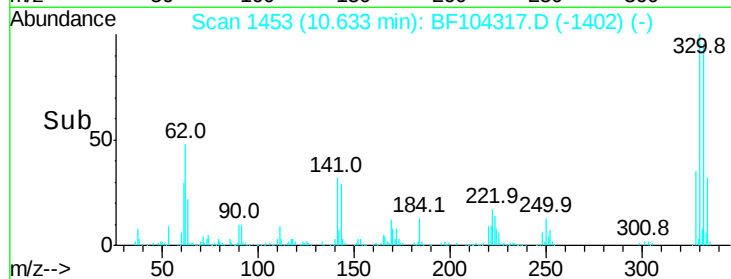
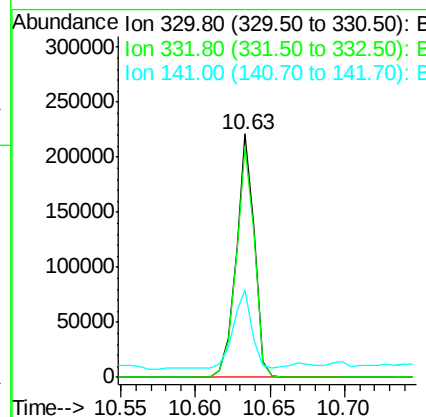
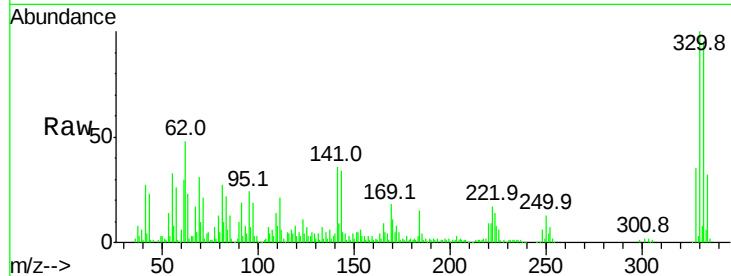




#41
 2,4,6-Tribromophenol
 Concen: 82.407 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104317.D
 Acq: 6 Apr 2018 20:37

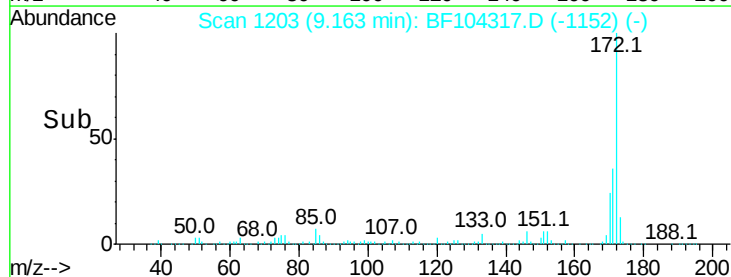
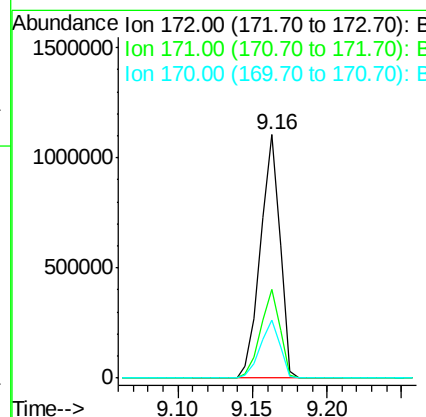
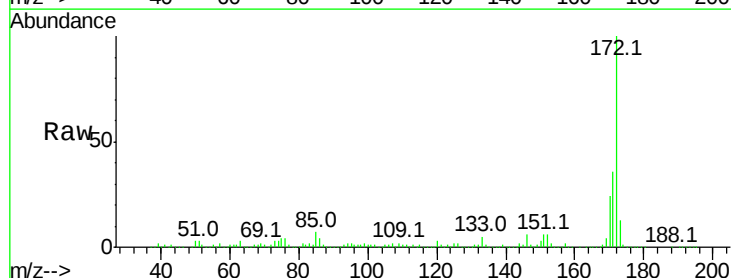
Instrument :
 BNA_F
 ClientSampleId :
 CV-RB47188RT

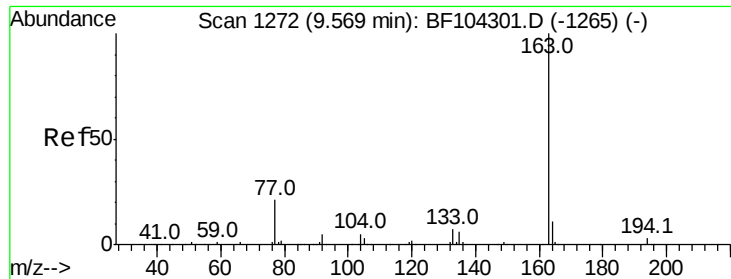
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	34.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 70.276 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104317.D
 Acq: 6 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4

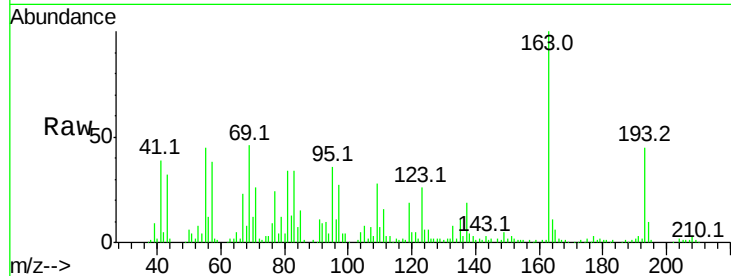




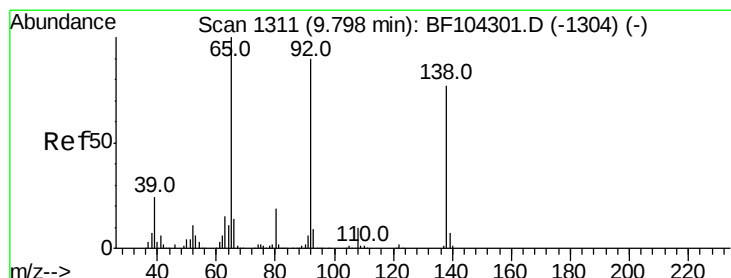
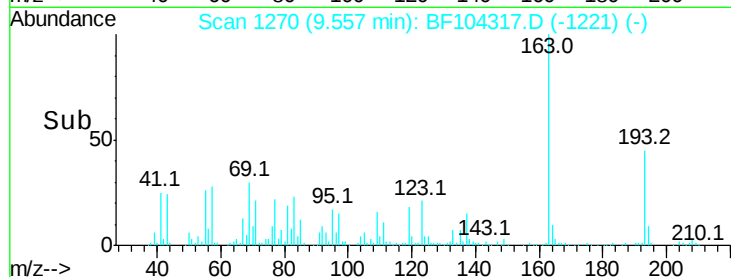
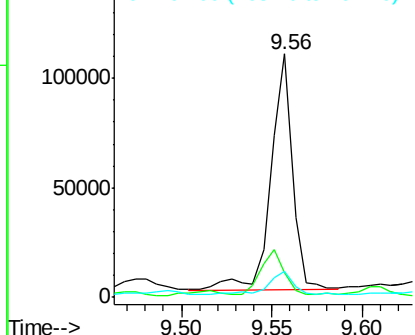
#49
Dimethylphthalate
Concen: 5.105 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104317.D
Acq: 6 Apr 2018 20:37

Instrument :
BNA_F
ClientSampleId :
CV-RB47188RT

Tot Ion:163 Resp: 89446
Ion Ratio Lower Upper
163 100
194 10.3 2.7 4.1#
164 10.8 8.2 12.2

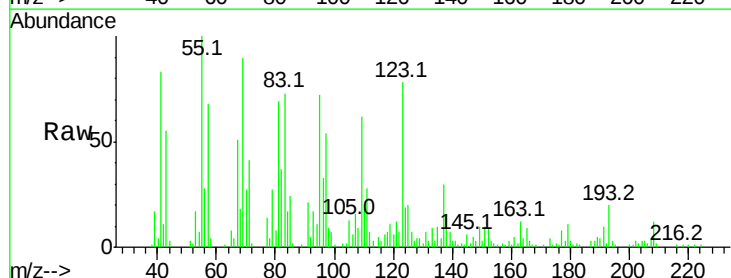


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

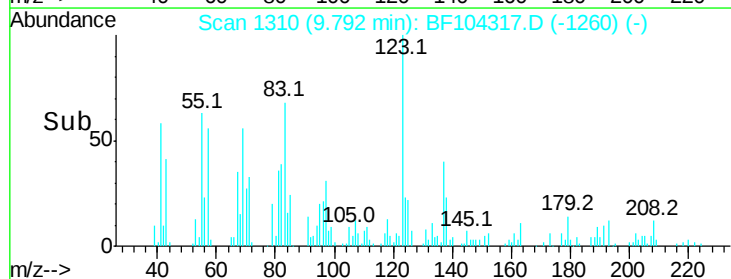
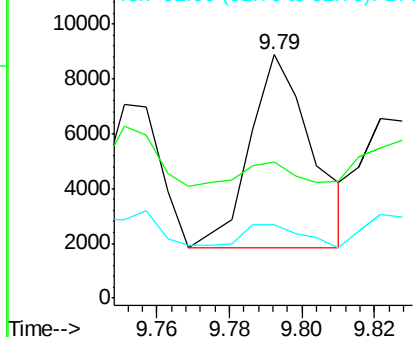


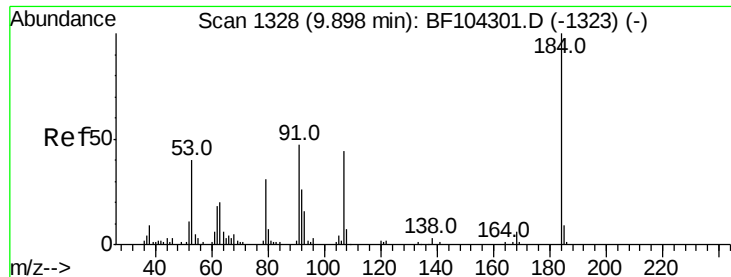
#52
3-Nitroaniline
Concen: 2.218 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF104317.D
Acq: 6 Apr 2018 20:37

Tgt Ion:138 Resp: 8420
Ion Ratio Lower Upper
138 100
108 56.1 9.4 14.0#
92 30.2 89.4 134.2#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

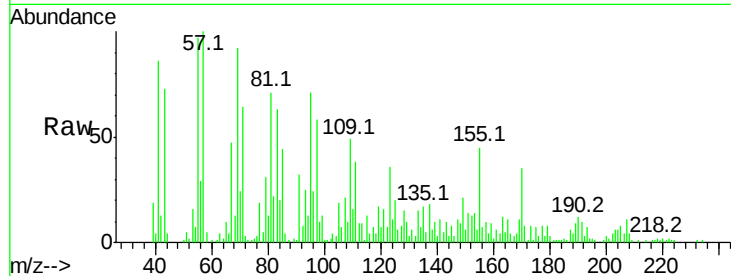




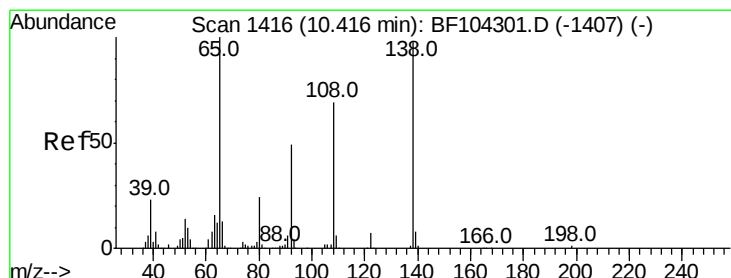
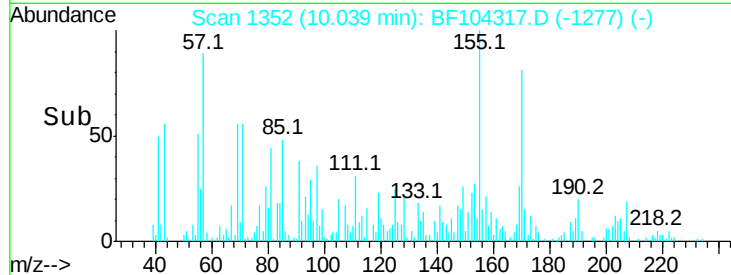
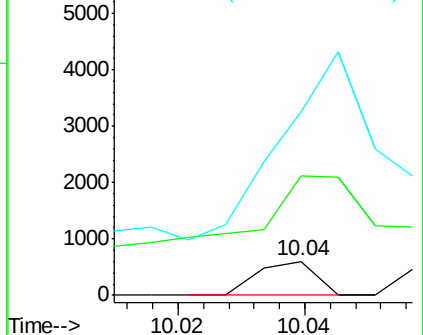
#53
 2,4-Dinitrophenol
 Concen: 5.559 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.14 min
 Lab File: BF104317.D
 Acq: 6 Apr 2018 20:37

Instrument :
 BNA_F
 ClientSampleId :
 CV-RB47188RT

Tot Ion:184 Resp: 384
 Ion Ratio Lower Upper
 184 100
 63 350.7 54.2 81.2#
 154 537.7 184.0 276.0#

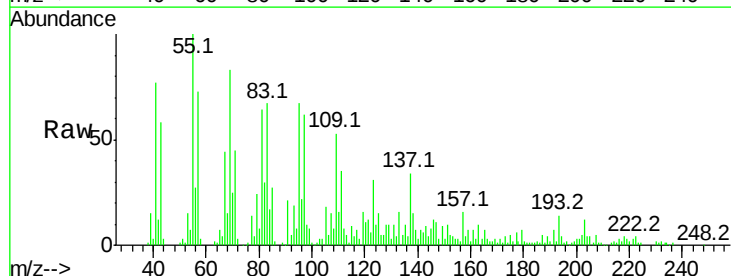


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

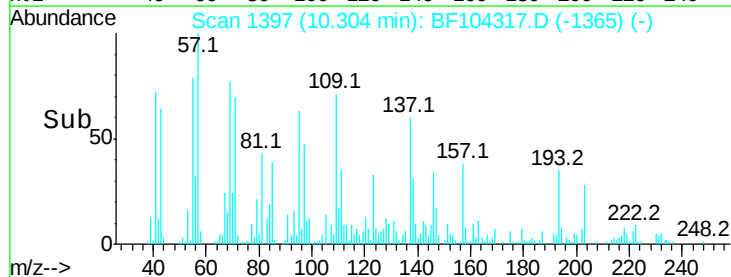
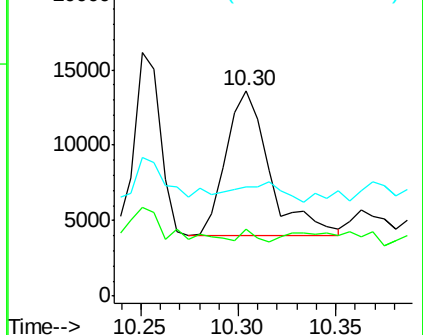


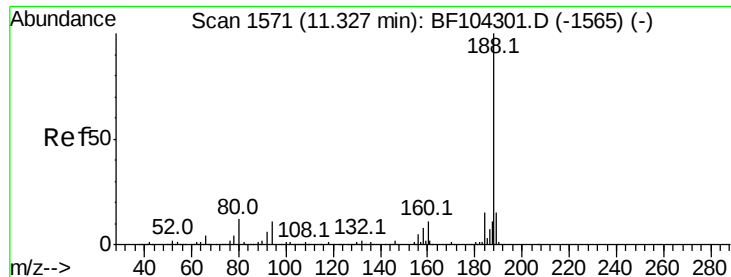
#61
 4-Nitroaniline
 Concen: 3.978 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.11 min
 Lab File: BF104317.D
 Acq: 6 Apr 2018 20:37

Tgt Ion:138 Resp: 14762
 Ion Ratio Lower Upper
 138 100
 92 32.7 30.2 70.2
 108 53.1 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF104317.D

Acq: 6 Apr 2018 20:37

Instrument :

BNA_F

ClientSampleId :

CV-RB47188RT

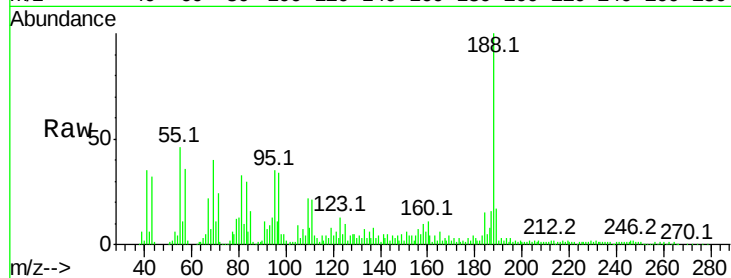
Tot Ion:188 Resp: 282176

Ion Ratio Lower Upper

188 100

94 13.1 8.5 12.7#

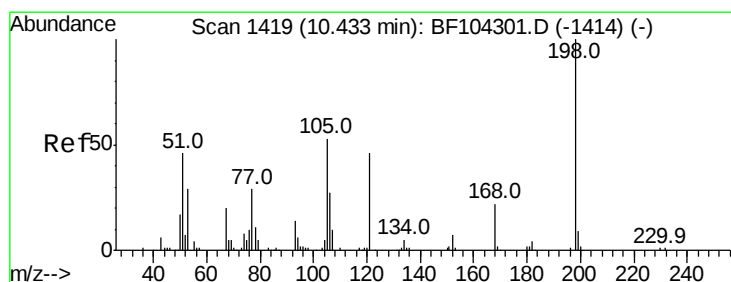
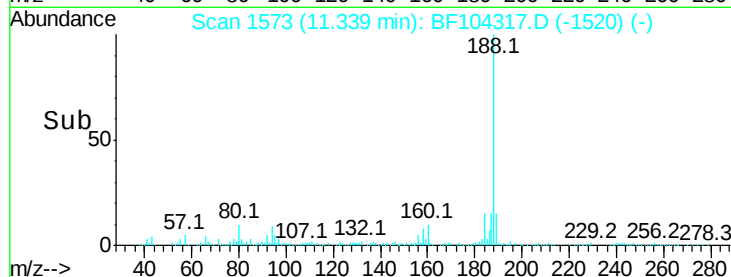
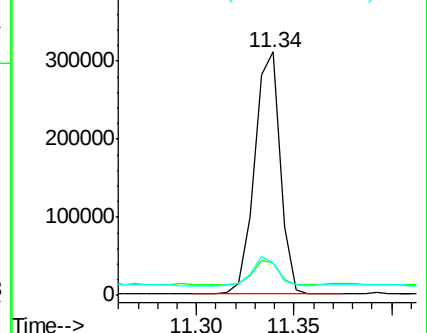
80 13.5 9.2 13.8



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: 8.124 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.02 min

Lab File: BF104317.D

Acq: 6 Apr 2018 20:37

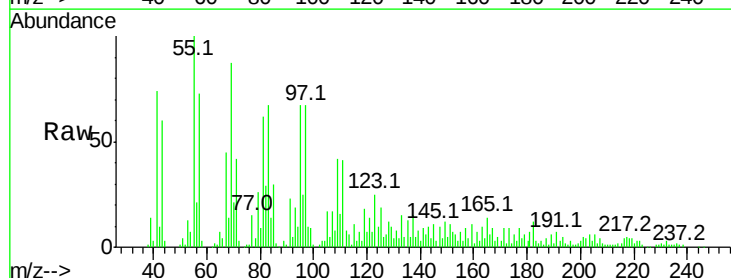
Tgt Ion:198 Resp: 1261

Ion Ratio Lower Upper

198 100

51 294.9 37.7 77.7#

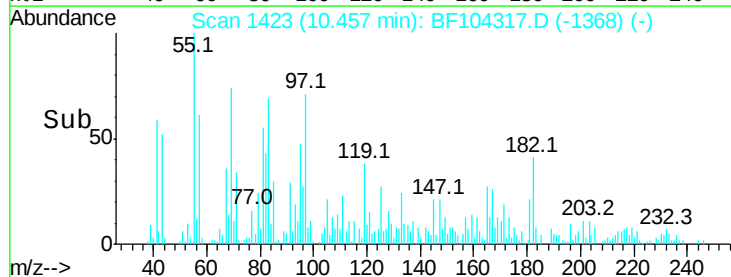
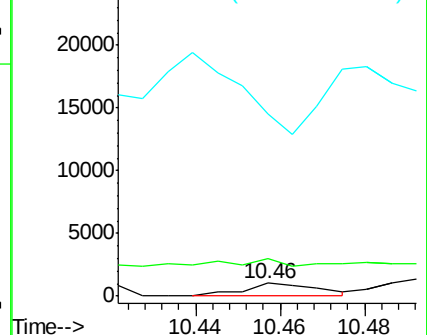
105 1412.4 36.3 76.3#

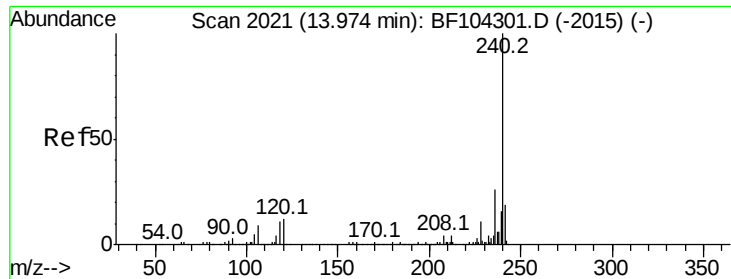


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF104317.D

Acq: 6 Apr 2018 20:37

Instrument :

BNA_F

ClientSampleId :

CV-RB47188RT

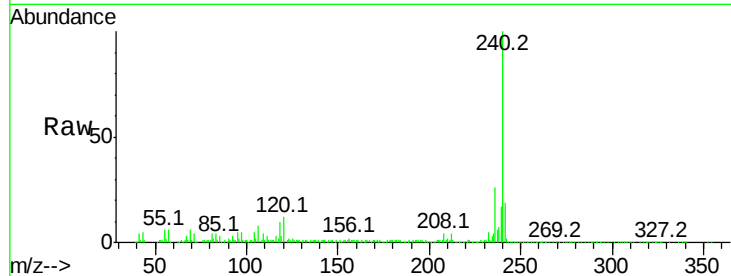
Tot Ion:240 Resp: 293328

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

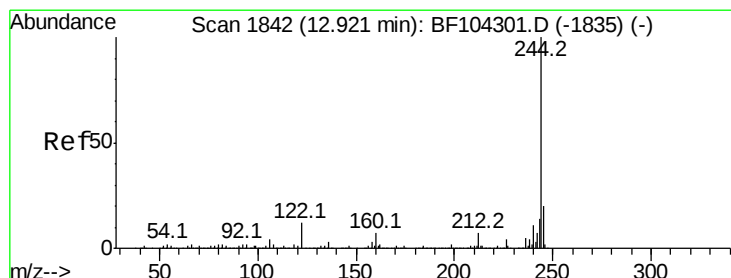
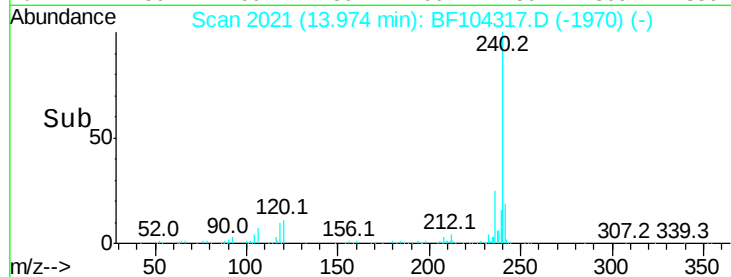
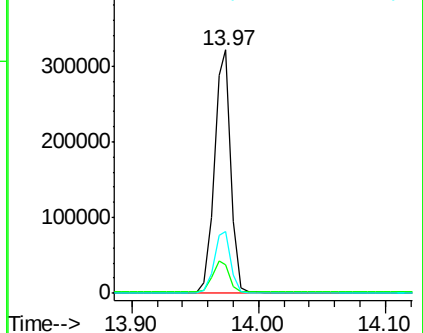
236 25.7 20.7 31.1



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: 50.791 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104317.D

Acq: 6 Apr 2018 20:37

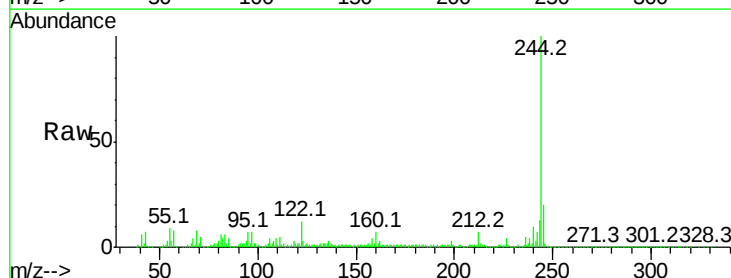
Tgt Ion:244 Resp: 653487

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

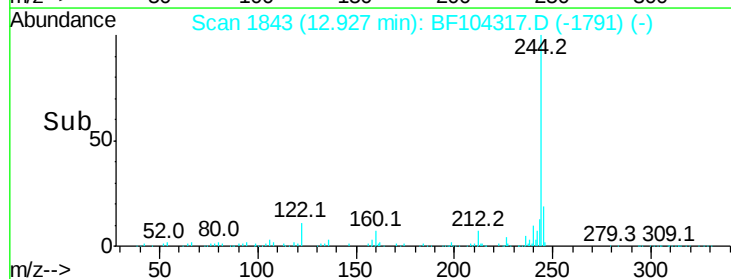
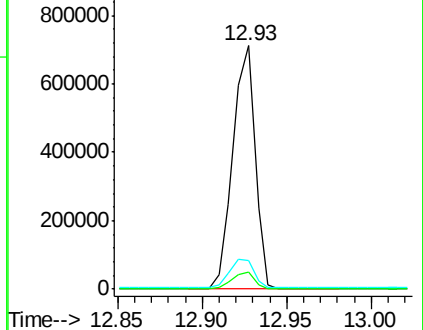
122 11.9 11.0 16.4

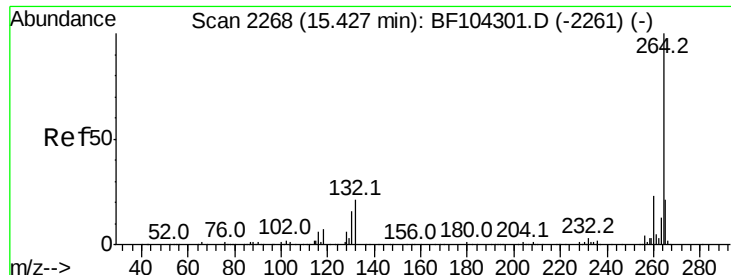


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF104317.D
 Acq: 6 Apr 2018 20:37

Instrument :
 BNA_F
 ClientSampleId :
 CV-RB47188RT

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	20.8	17.5	26.3

