

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104329.D
 Acq On : 7 Apr 2018 1:54
 Operator : JU/SJ
 Sample : J2240-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PF-01

Quant Time: Apr 07 02:30:59 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	138603	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	539907	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	233371	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	333598	20.00	ng	0.00
75) Chrysene-d12	13.97	240	278130	20.00	ng	0.00
86) Perylene-d12	15.43	264	248310	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1104558	121.85	ng	0.02
7) Phenol-d6	6.43	99	1391540	124.94	ng	0.00
23) Nitrobenzene-d5	7.37	82	828408	100.19	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	263498	108.85	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1243516	84.18	ng	0.00
78) Terphenyl-d14	12.92	244	854818	70.07	ng	0.00

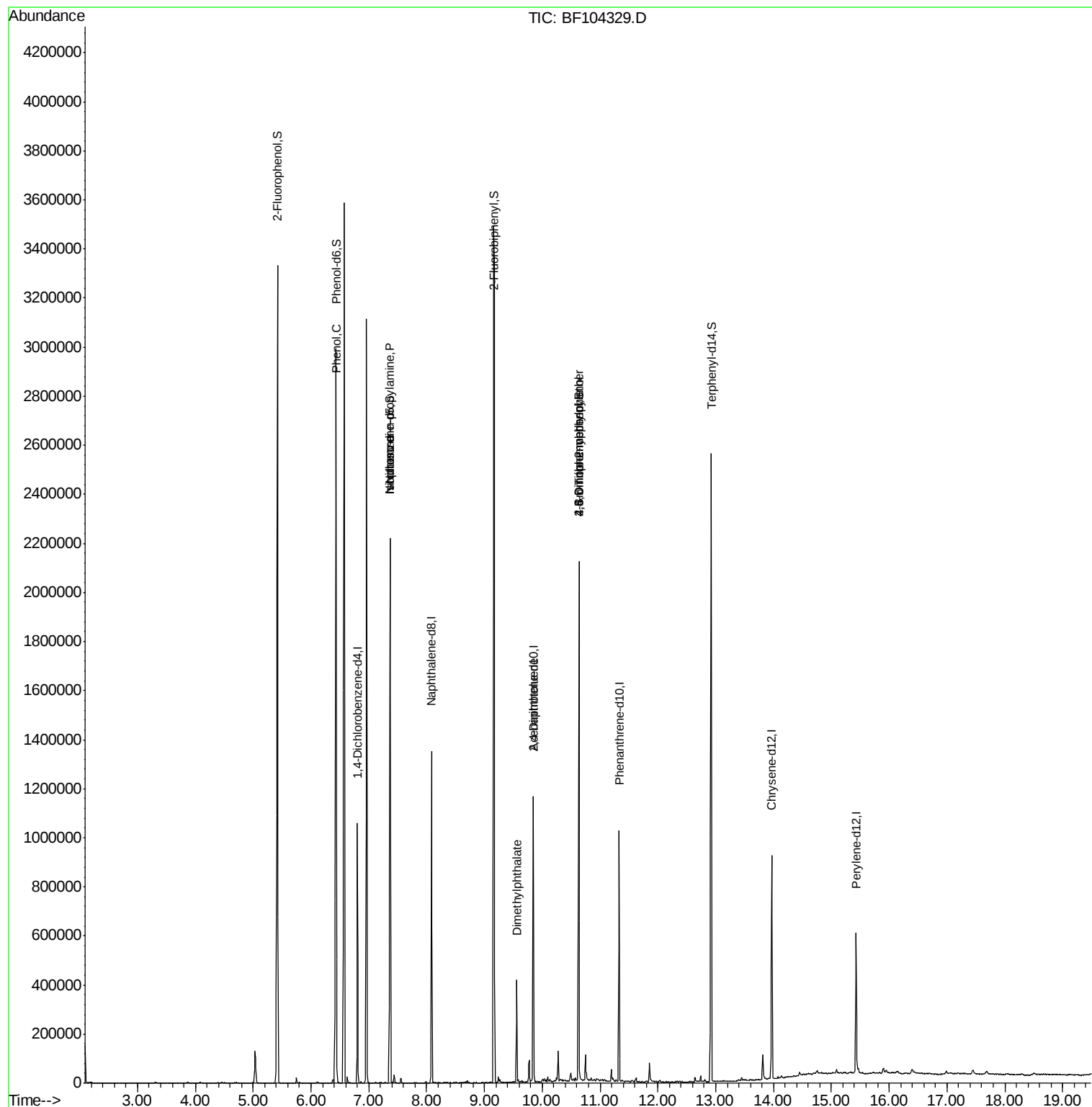
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	2710	Below Cal	#	1
10) Phenol	6.45	94	73949	6.258	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	108439	14.900	ng	74
25) Isophorone	7.37	82	828023	47.357	ng	64
49) Dimethylphthalate	9.56	163	145506	7.907	ng	99
56) 2,4-Dinitrotoluene	9.84	165	29741	6.658	ng	23
64) 4,6-Dinitro-2-methylphenol	10.63	198	400	7.556	ng	1
66) 4-Bromophenyl-phenylether	10.63	248	15734	4.434	ng	1
76) Benzidine	12.92	184	10880	Below Cal	#	94

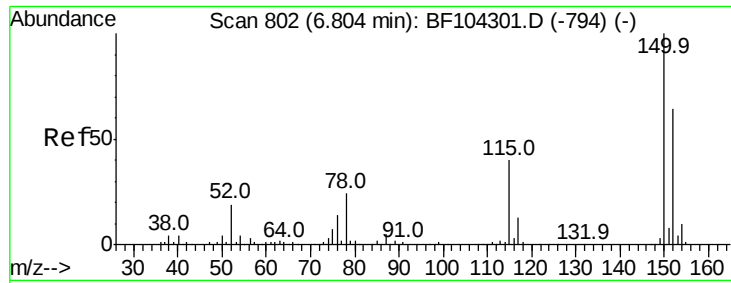
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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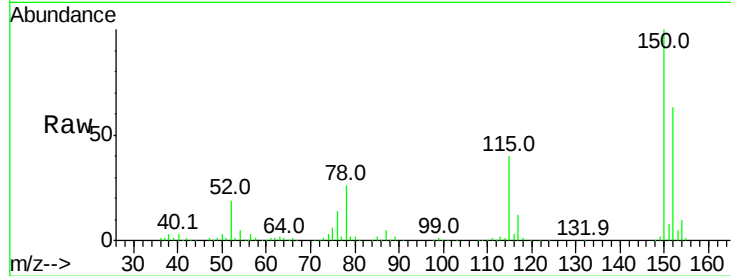


#1

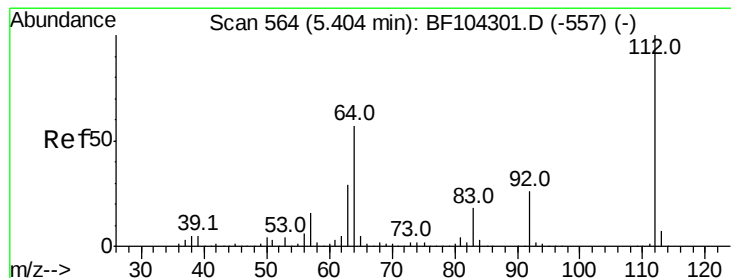
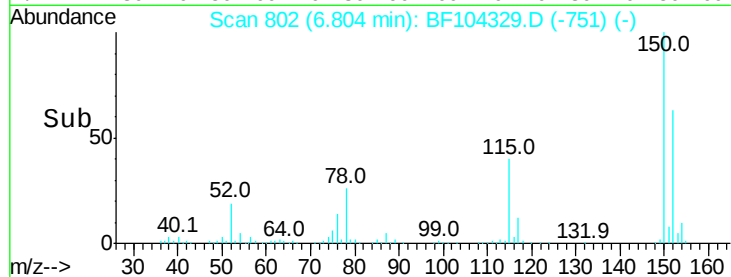
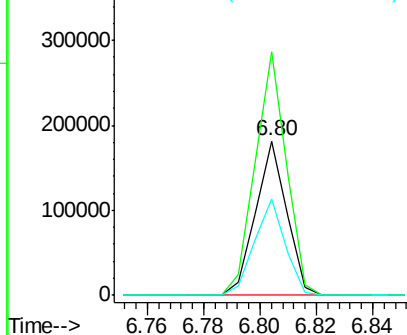
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104329.D
Acq: 7 Apr 2018 1:54

Instrument :
BNA_F
ClientSampleId :
PF-01

Tot Ion:152 Resp: 138603
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 62.8 50.1 75.1



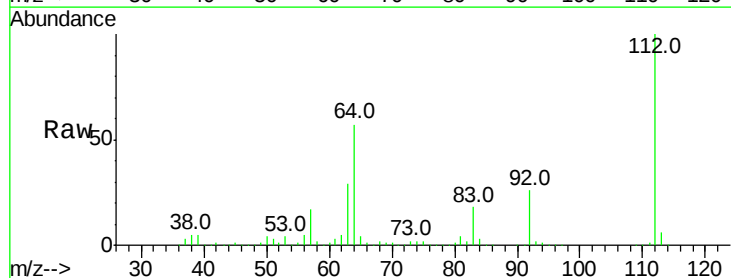
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



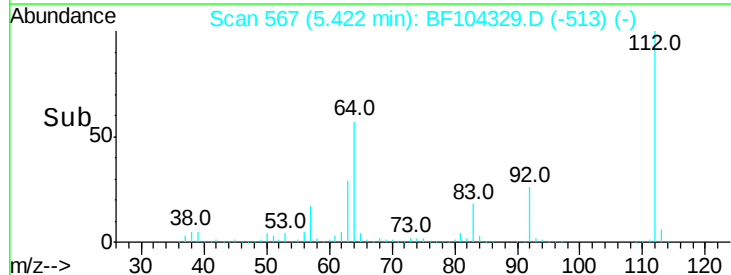
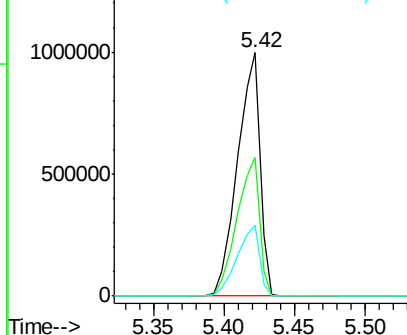
#5

2-Fluorophenol
Concen: 121.854 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF104329.D
Acq: 7 Apr 2018 1:54

Tgt Ion:112 Resp: 1104558
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 28.9 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: 124.942 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104329.D

Acq: 7 Apr 2018 1:54

Instrument :

BNA_F

ClientSampled :

PF-01

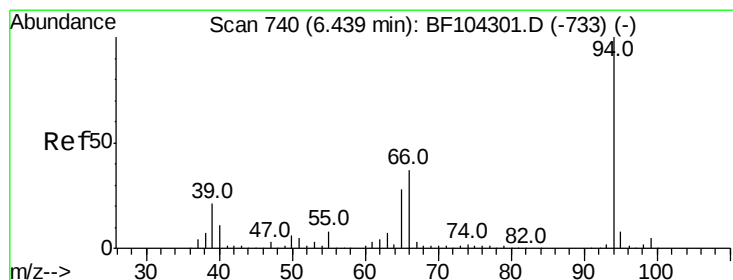
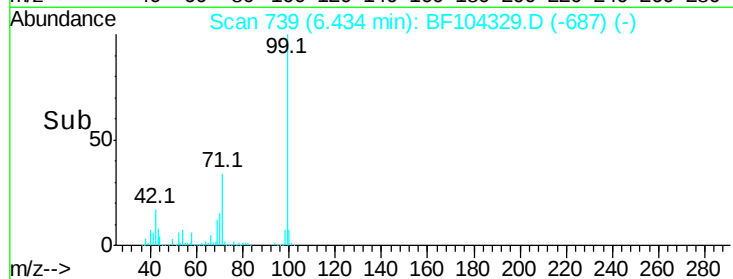
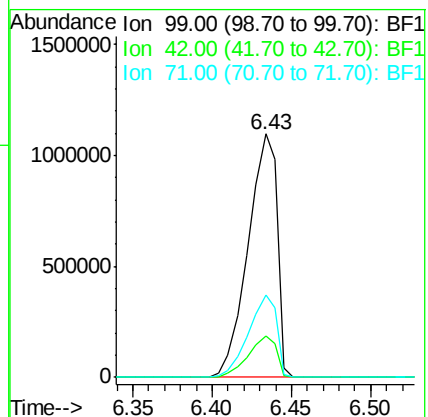
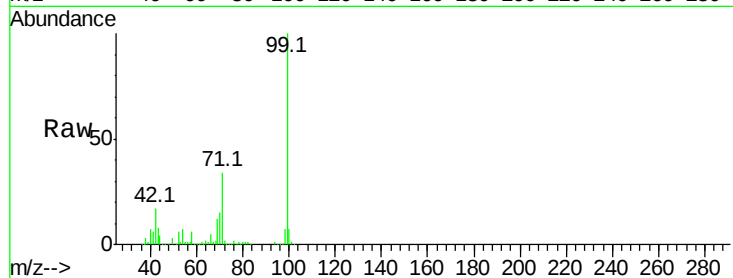
Tot Ion: 99 Resp: 1391540

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

71 33.9 25.4 38.0



#10

Phenol

Concen: 6.258 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104329.D

Acq: 7 Apr 2018 1:54

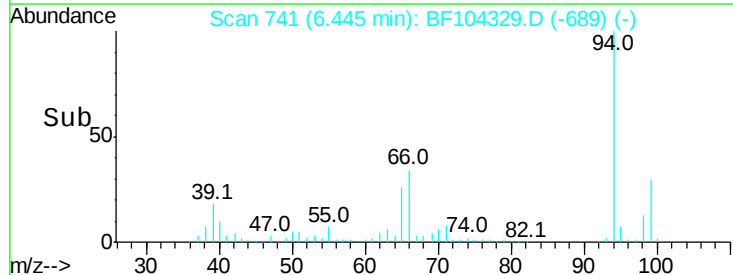
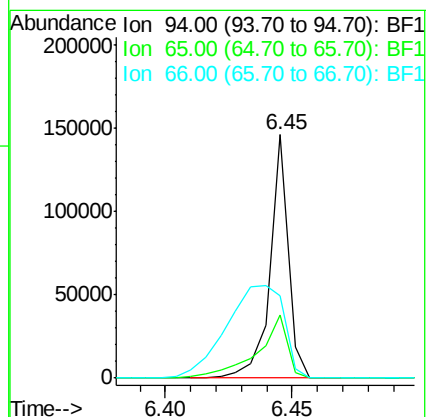
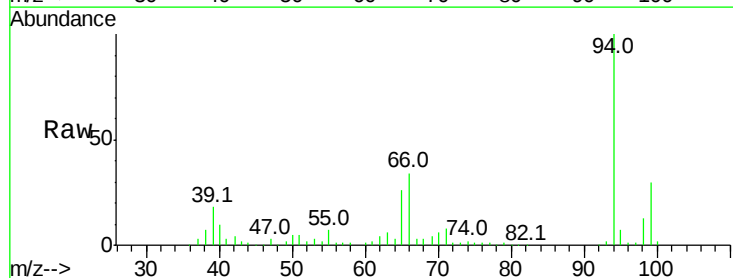
Tgt Ion: 94 Resp: 73949

Ion Ratio Lower Upper

94 100

65 25.7 7.9 47.9

66 33.9 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 14.900 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104329.D

Acq: 7 Apr 2018 1:54

Instrument :

BNA_F

ClientSampleId :

PF-01

Tot Ion: 70 Resp: 108439

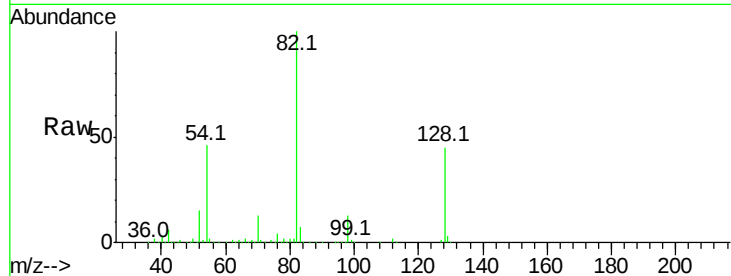
Ion Ratio Lower Upper

70 100

42 43.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

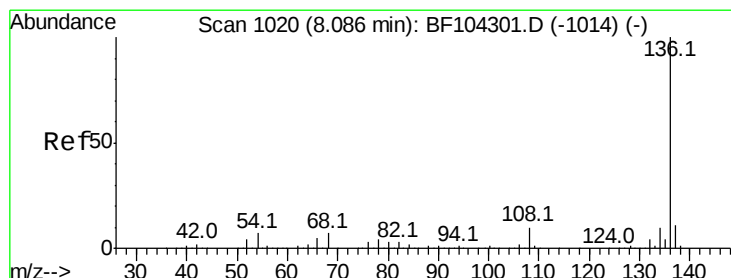
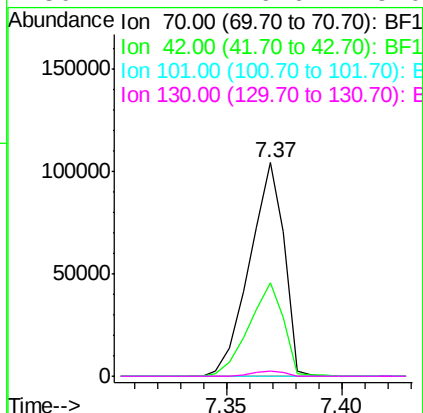
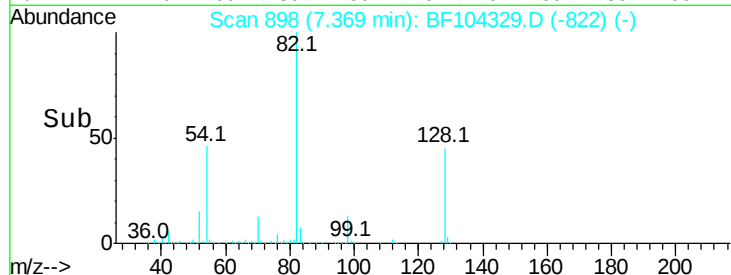


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF104329.D

Acq: 7 Apr 2018 1:54

Tgt Ion: 136 Resp: 539907

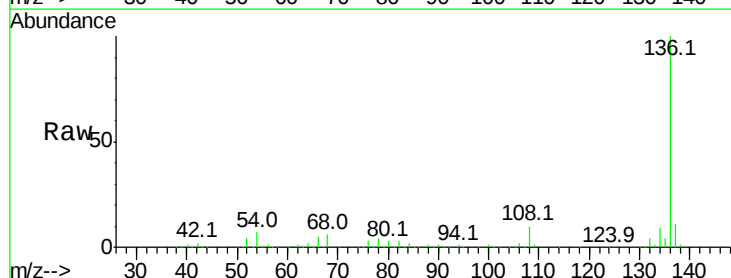
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.2 6.6 9.8

68 6.4 5.0 7.4

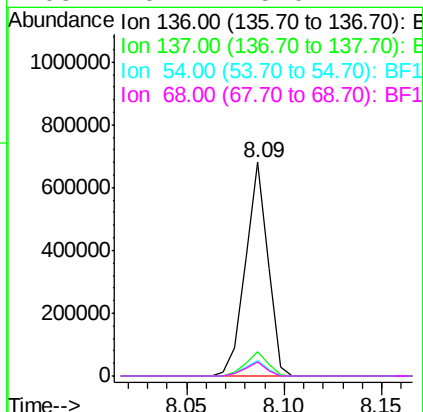
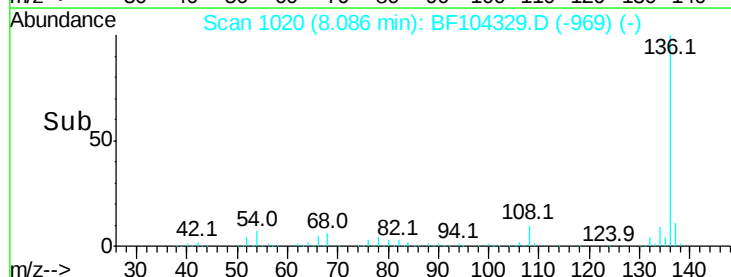


Abundance Ion 136.00 (135.70 to 136.70): BF1

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

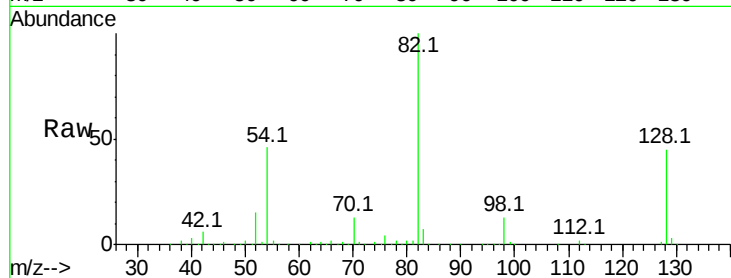




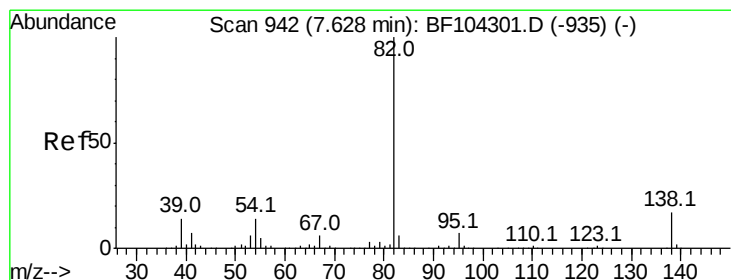
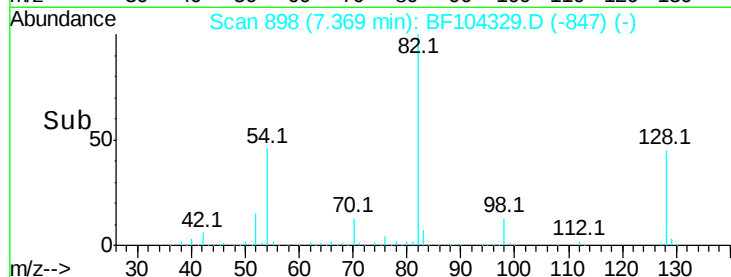
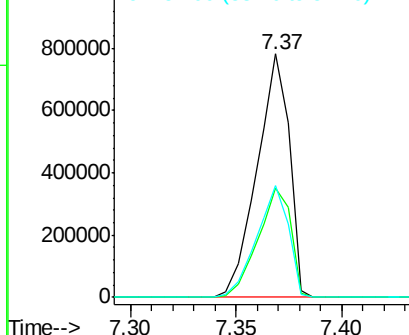
#23
 Nitrobenzene-d5
 Concen: 100.190 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF104329.D
 Acq: 7 Apr 2018 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PF-01

Tot Ion	82	Resp	828408
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	46.2	41.4	62.2

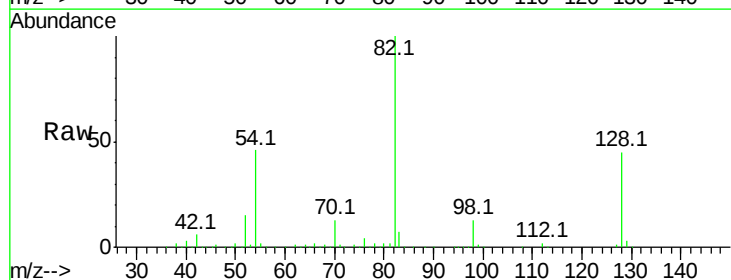


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

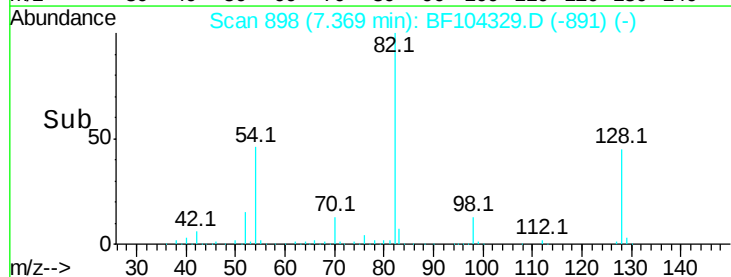
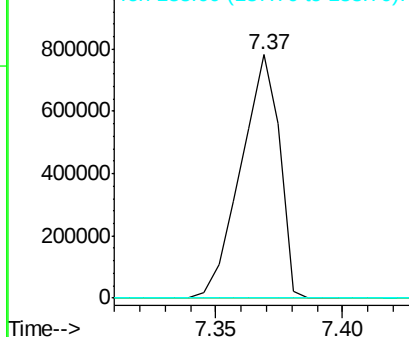


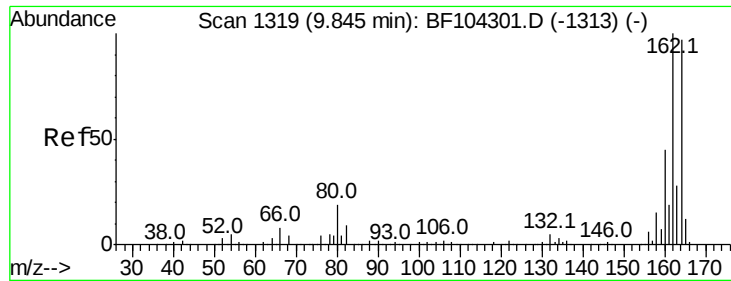
#25
 Isophorone
 Concen: 47.357 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.26 min
 Lab File: BF104329.D
 Acq: 7 Apr 2018 1:54

Tgt Ion	82	Resp	828023
Ion Ratio	100		
Lower	5.2		
Upper	7.8#		
95	0.0	14.9	22.3#
138	0.0		



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

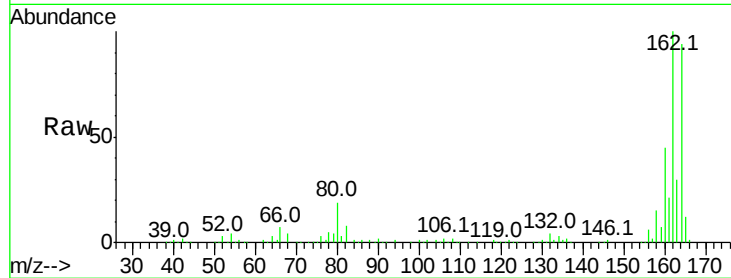




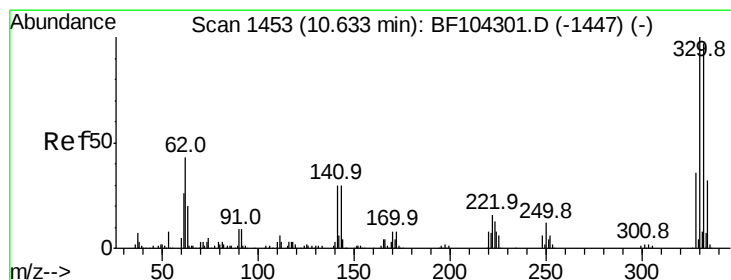
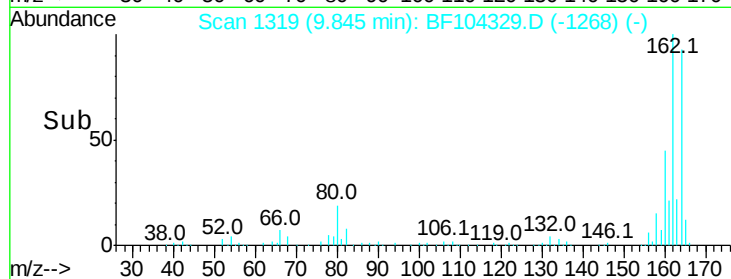
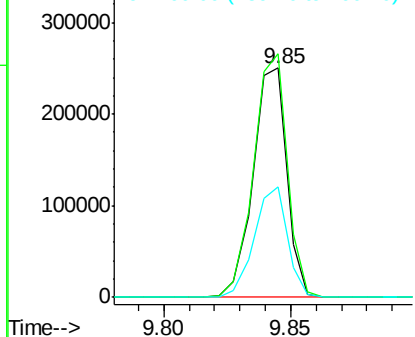
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104329.D
Acq: 7 Apr 2018 1:54

Instrument :
BNA_F
ClientSampleId :
PF-01

Tot Ion:164 Resp: 233371
Ion Ratio Lower Upper
164 100
162 106.3 86.1 129.1
160 48.2 38.3 57.5

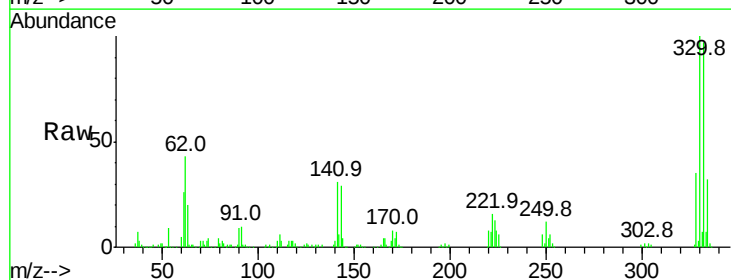


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

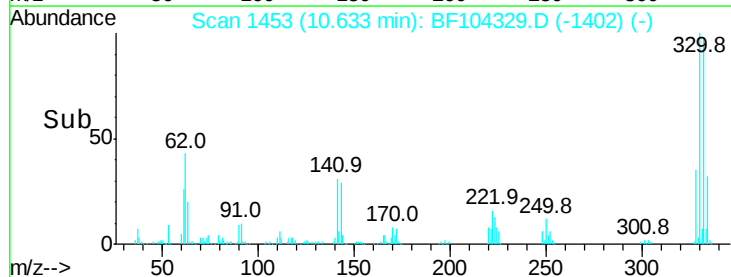
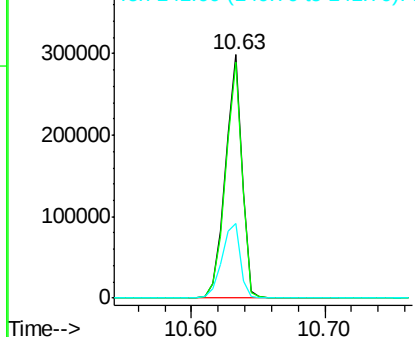


#41
2,4,6-Tribromophenol
Concen: 108.847 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF104329.D
Acq: 7 Apr 2018 1:54

Tgt Ion:330 Resp: 263498
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 33.9 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

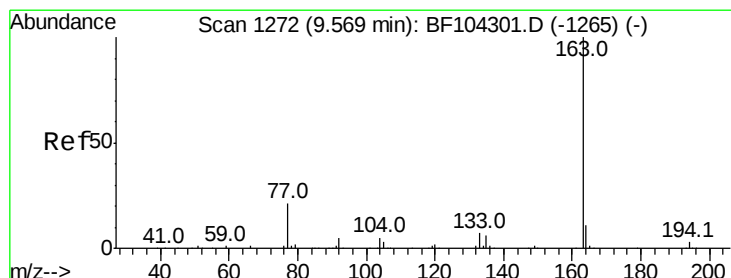
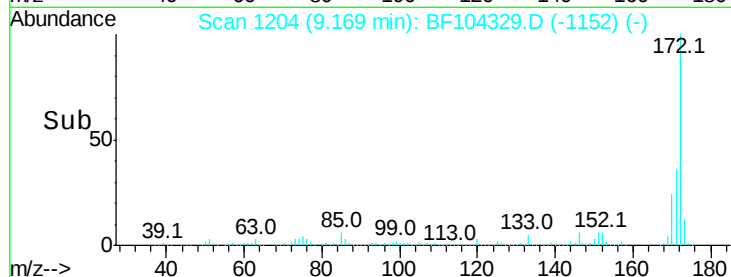
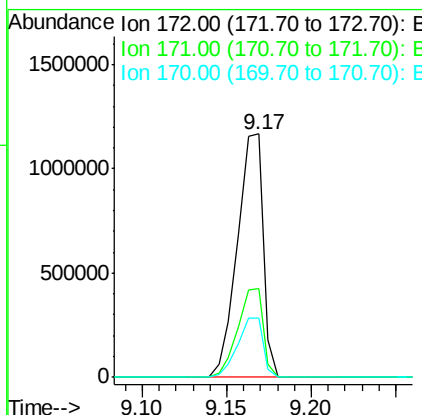
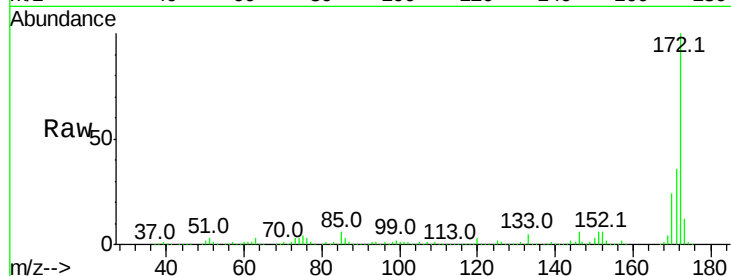




#44
2-Fluorobiphenyl
Concen: 84.177 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF104329.D
Acq: 7 Apr 2018 1:54

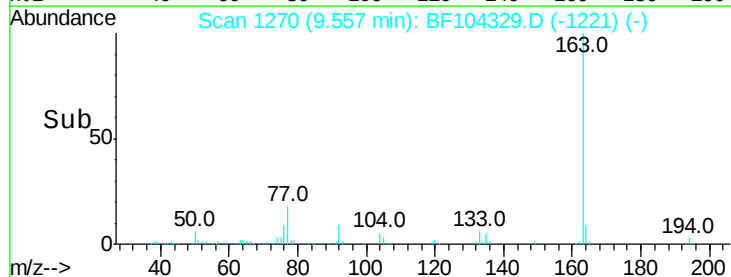
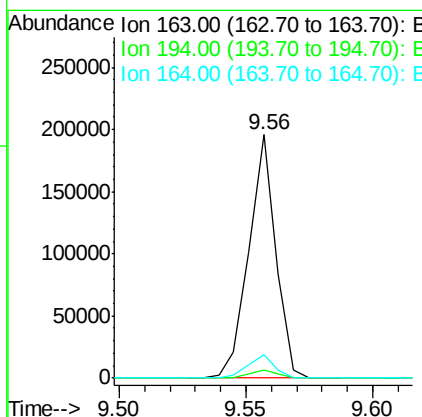
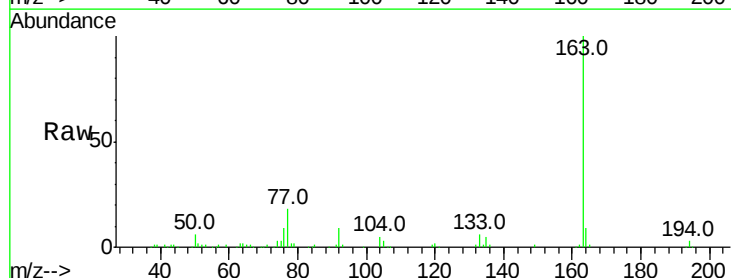
Instrument :
BNA_F
ClientSampleId :
PF-01

Tot Ion:172 Resp: 1243516
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.4 19.6 29.4



#49
Dimethylphthalate
Concen: 7.907 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104329.D
Acq: 7 Apr 2018 1:54

Tgt Ion:163 Resp: 145506
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.5 8.2 12.2

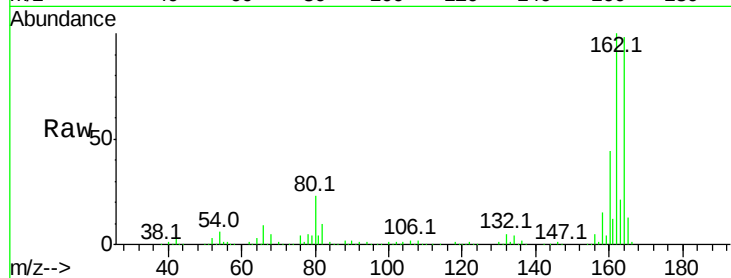




#56
 2,4-Dinitrotoluene
 Concen: 6.658 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.19 min
 Lab File: BF104329.D
 Acq: 7 Apr 2018 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PF-01

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

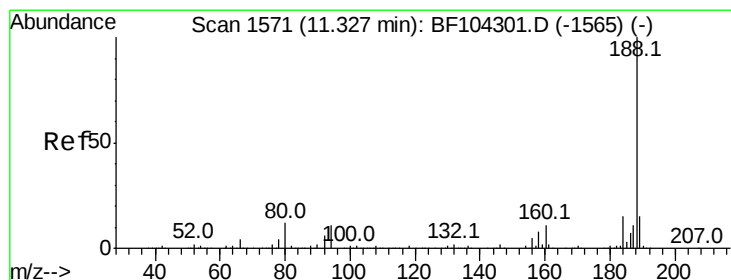
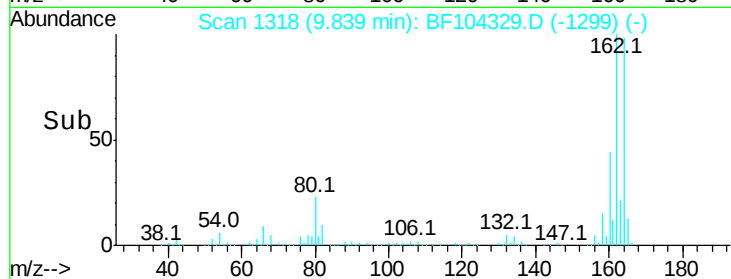
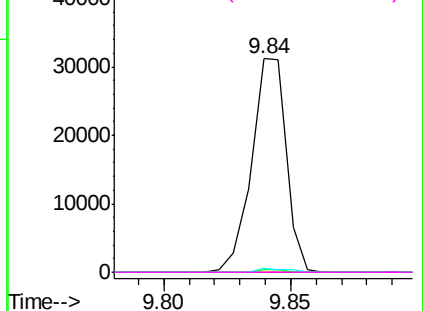


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

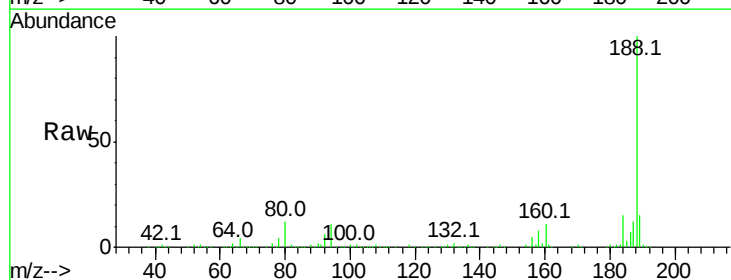
Ion 89.00 (88.70 to 89.70): BF1

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: BF104329.D
 Acq: 7 Apr 2018 1:54

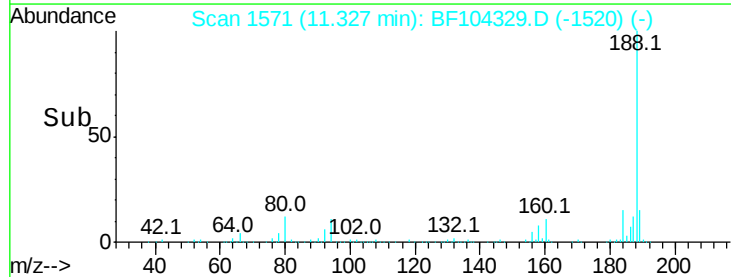
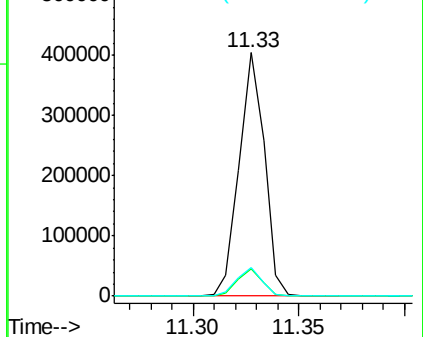
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.7	9.2	13.8

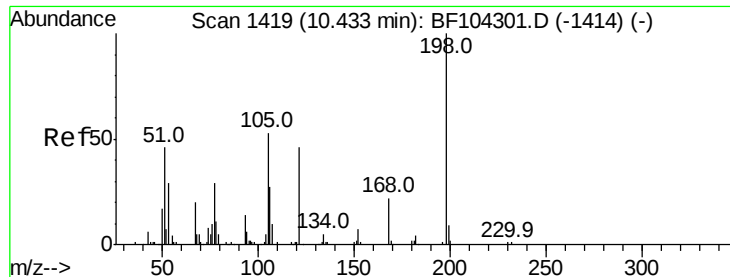


Abundance Ion 188.00 (187.70 to 188.70): E

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: 7.556 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.20 min

Lab File: BF104329.D

Acq: 7 Apr 2018 1:54

Instrument :

BNA_F

ClientSampled :

PF-01

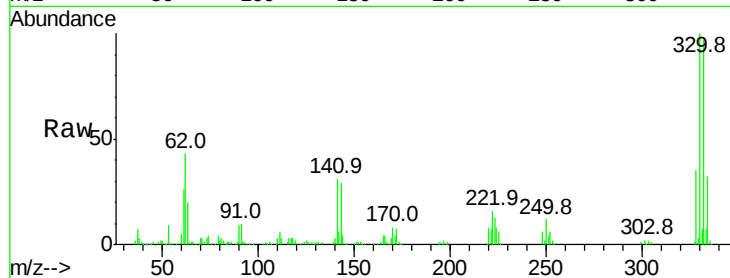
Tot Ion:198 Resp: 400

Ion Ratio Lower Upper

198 100

51 154.4 37.7 77.7#

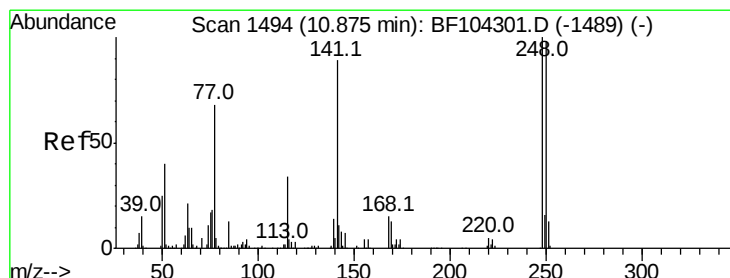
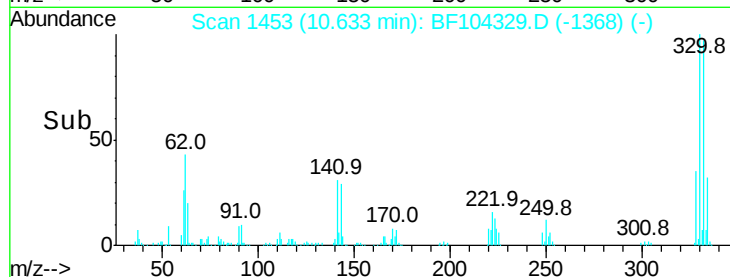
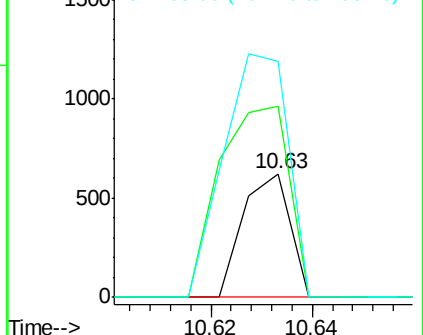
105 190.9 36.3 76.3#



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: 4.434 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.24 min

Lab File: BF104329.D

Acq: 7 Apr 2018 1:54

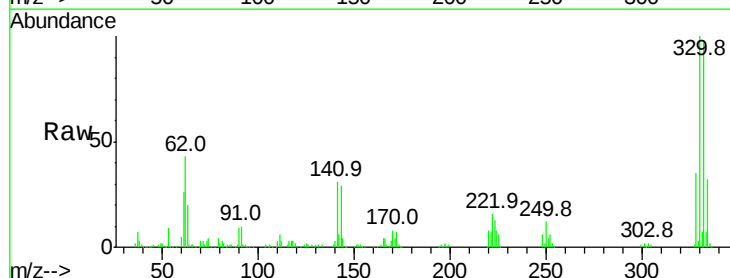
Tgt Ion:248 Resp: 15734

Ion Ratio Lower Upper

248 100

250 202.4 76.9 115.3#

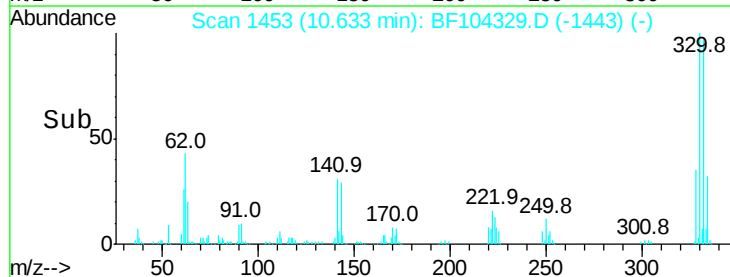
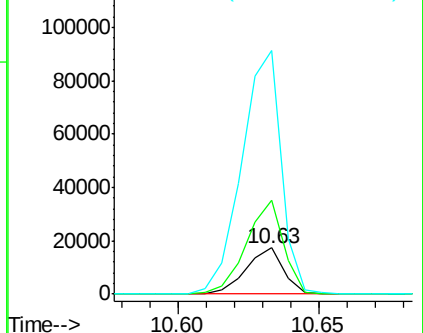
141 526.3 74.4 111.6#

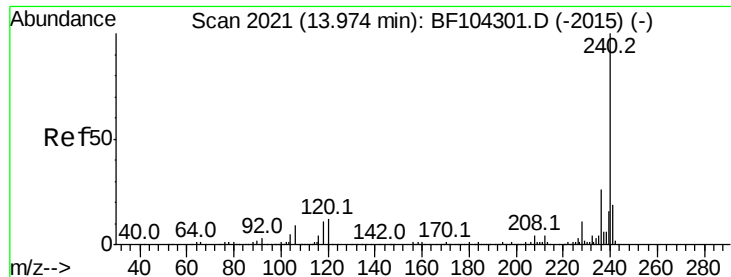


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF104329.D

Acq: 7 Apr 2018 1:54

Instrument :

BNA_F

ClientSampleId :

PF-01

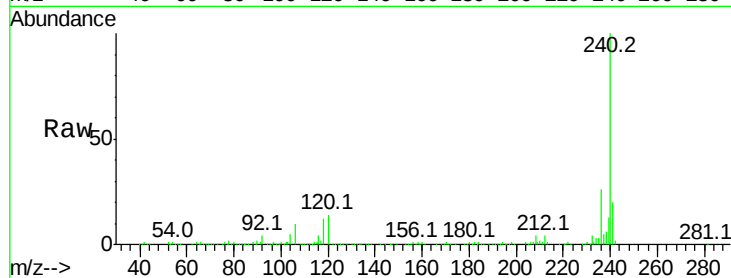
Tot Ion:240 Resp: 278130

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

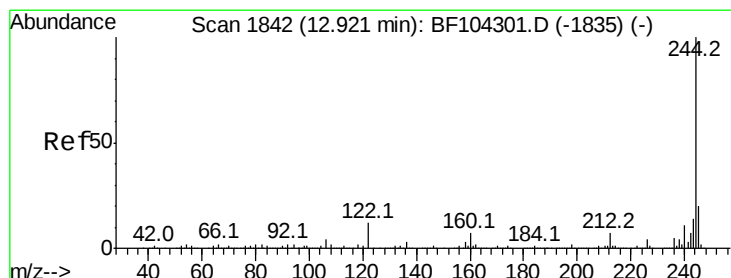
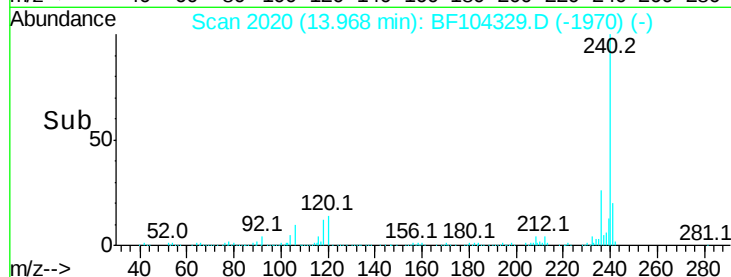
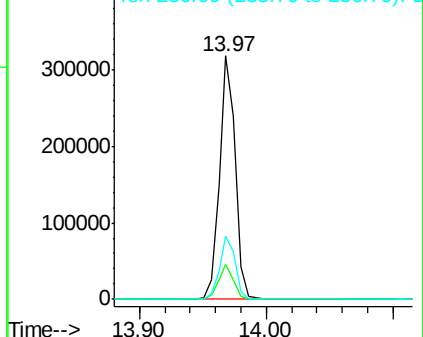
236 26.0 20.7 31.1



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: 70.069 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104329.D

Acq: 7 Apr 2018 1:54

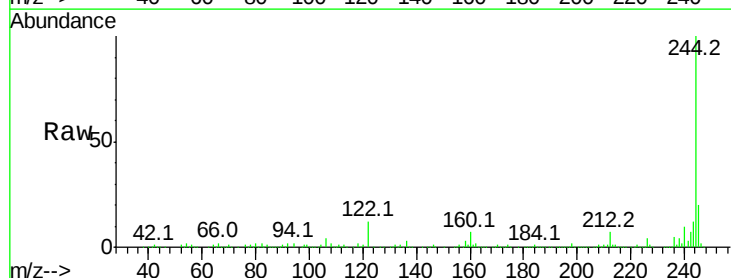
Tgt Ion:244 Resp: 854818

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

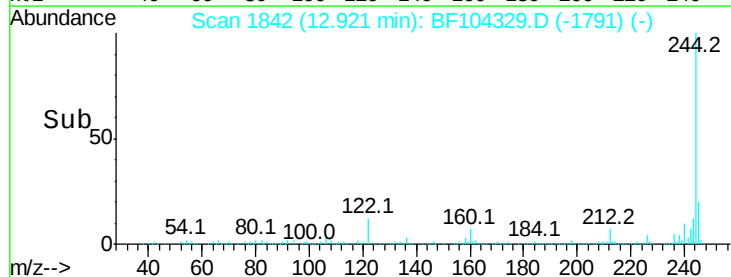
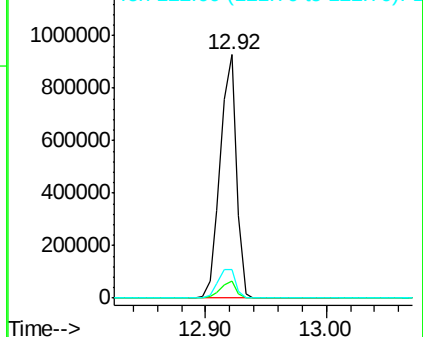
122 11.9 11.0 16.4

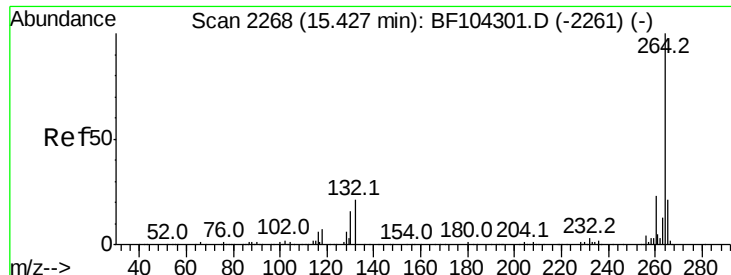


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF104329.D
 Acq: 7 Apr 2018 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PF-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	17.5	26.3

