

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024558.D
 Acq On : 31 Oct 2016 16:14
 Operator : UM/SJ
 Sample : PB94433BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94433BL

Quant Time: Nov 01 11:55:16 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	114460	20.00	ng	-0.01
21) Naphthalene-d8	11.10	136	427676	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	322875	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	732121	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1084394	20.00	ng	0.00
86) Perylene-d12	25.35	264	1124609	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	815369	116.76	ng	0.00
7) Phenol-d6	7.40	99	1118735	116.78	ng	0.00
23) Nitrobenzene-d5	9.45	82	790915	84.20	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	534494	110.81	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1630520	83.94	ng	0.00
78) Terphenyl-d14	20.21	244	2946849	81.20	ng	0.00

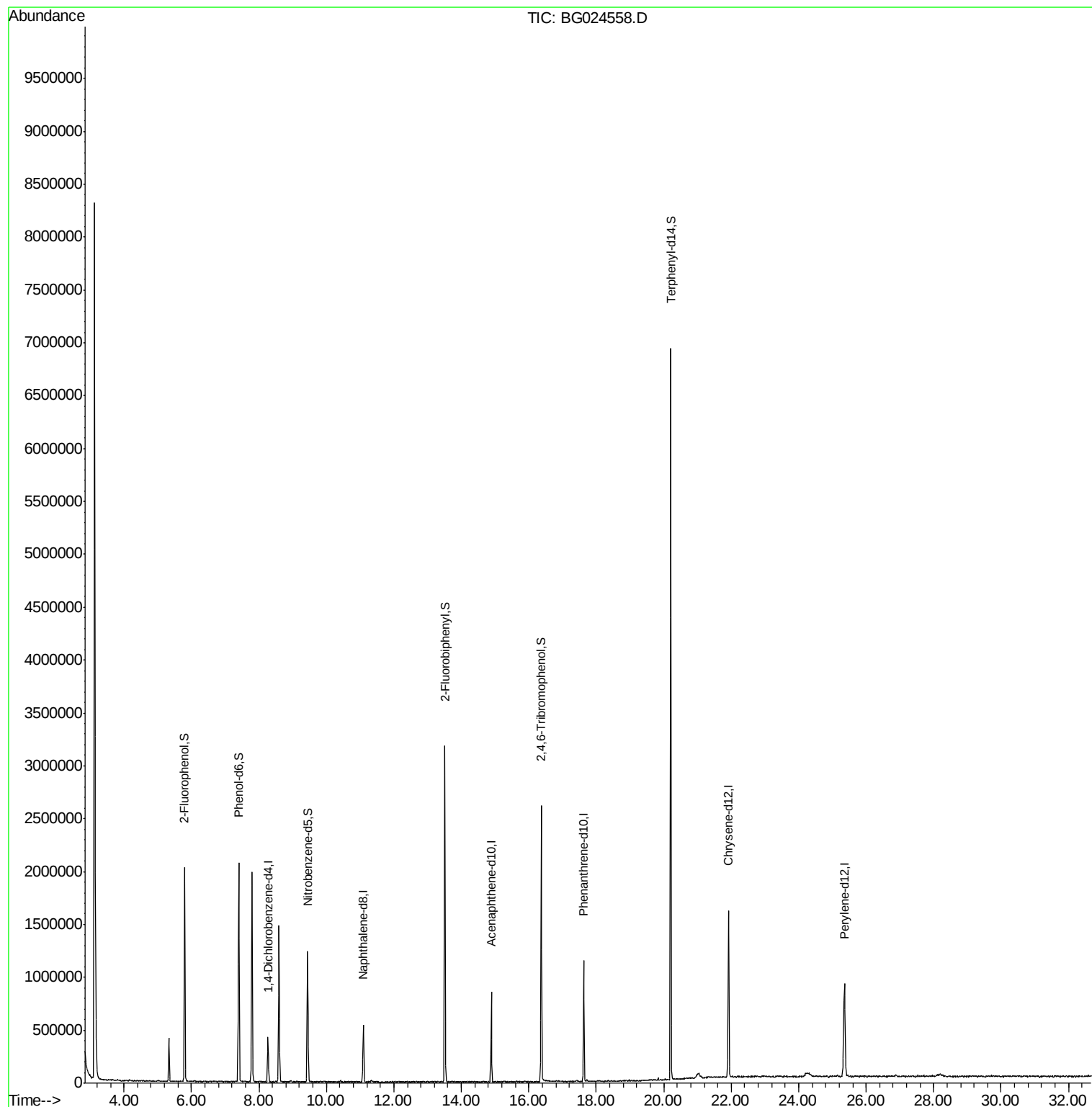
Target Compounds	Qvalue
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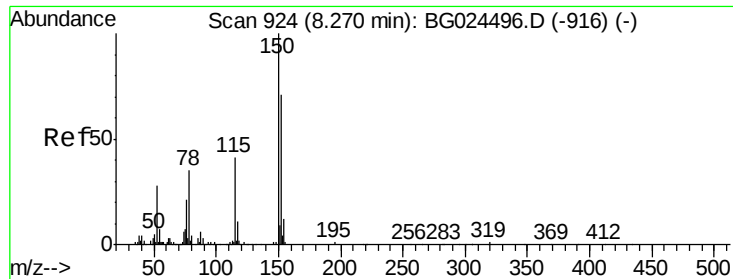
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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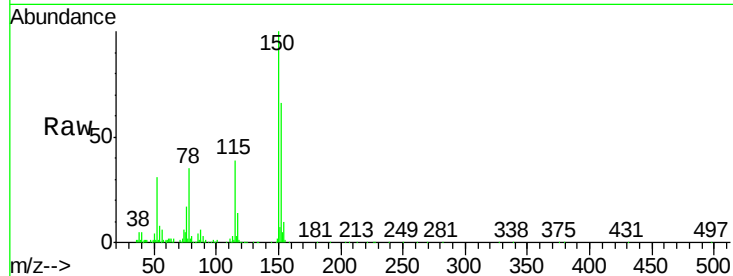


#1

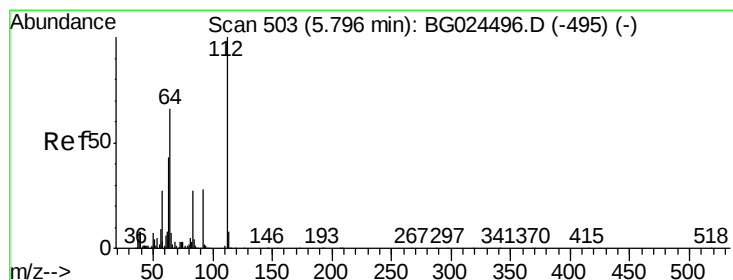
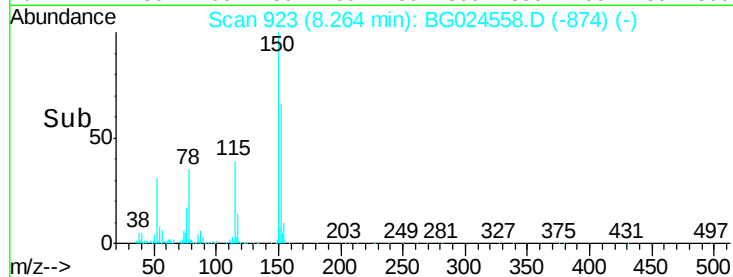
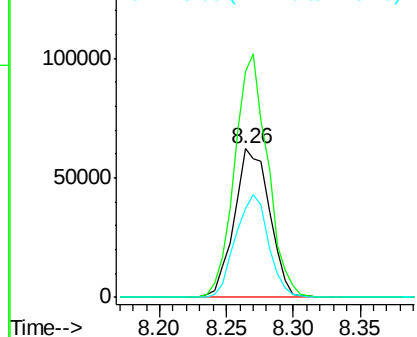
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG024558.D
Acq: 31 Oct 2016 16:14

Instrument :
BNA_G
ClientSampleId :
PB94433BL

Tgt Ion:152 Resp: 114460
Ion Ratio Lower Upper
152 100
150 152.1 114.0 171.0
115 60.0 48.1 72.1



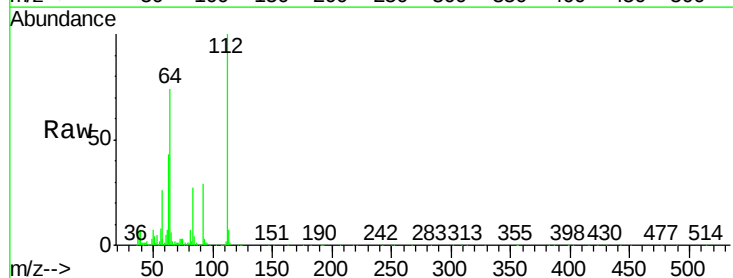
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



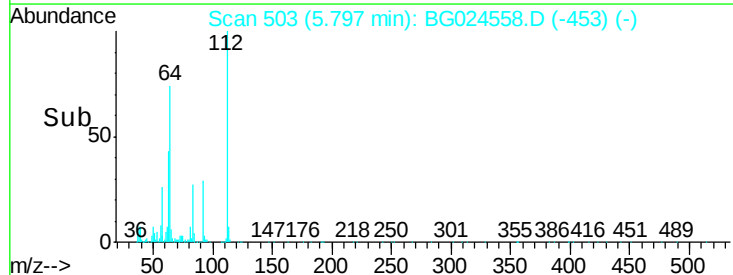
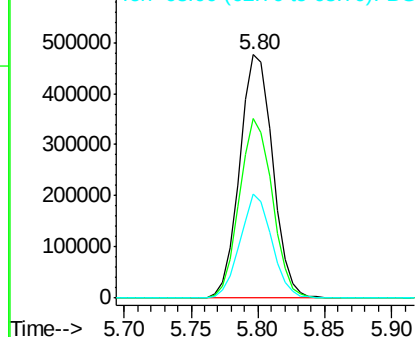
#5

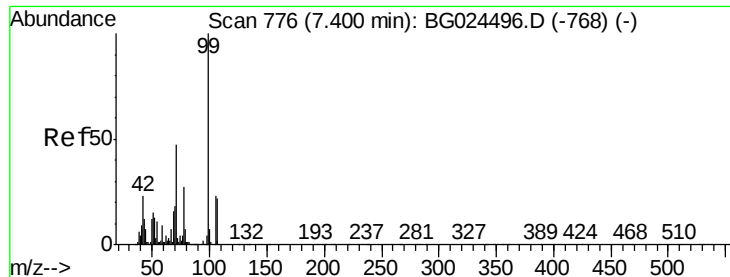
2-Fluorophenol
Concen: 116.76 ng
RT: 5.80 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG024558.D
Acq: 31 Oct 2016 16:14

Tgt Ion:112 Resp: 815369
Ion Ratio Lower Upper
112 100
64 73.9 61.8 92.6
63 42.8 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.78 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG024558.D

Acq: 31 Oct 2016 16:14

Instrument :

BNA_G

ClientSampleId :

PB94433BL

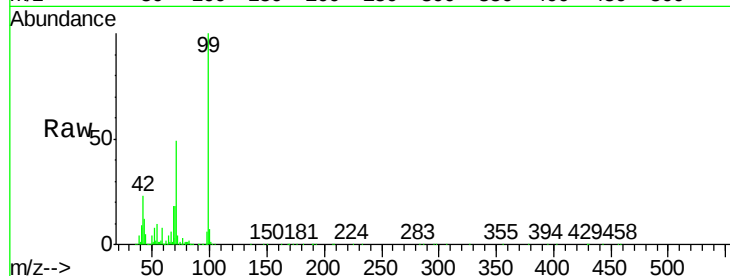
Tgt Ion: 99 Resp: 1118735

Ion Ratio Lower Upper

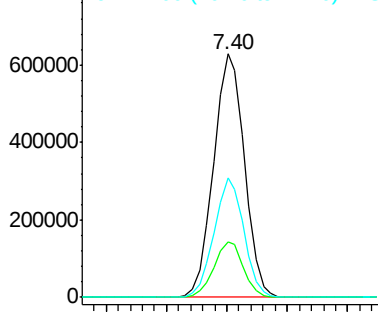
99 100

42 23.0 20.5 30.7

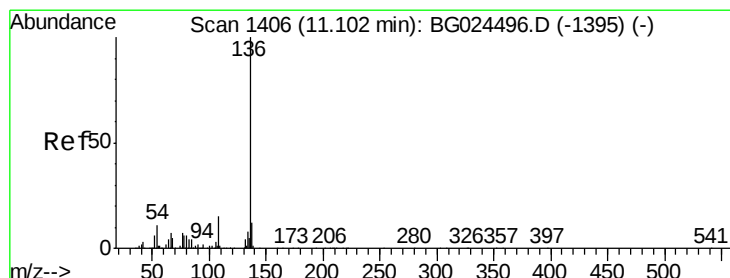
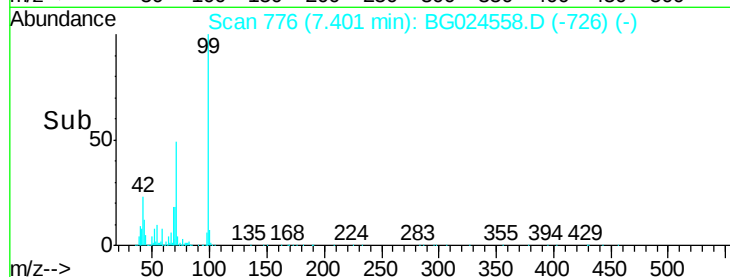
71 49.3 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



Time--> 7.30 7.35 7.40 7.45 7.50



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024558.D

Acq: 31 Oct 2016 16:14

Tgt Ion: 136 Resp: 427676

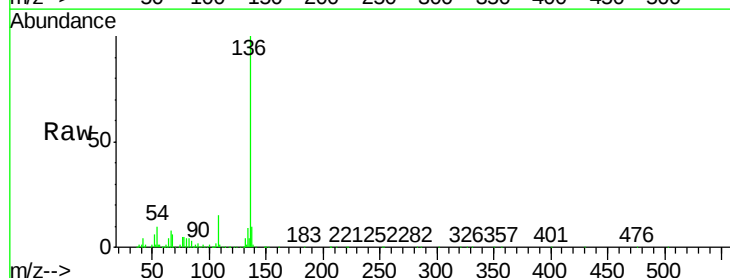
Ion Ratio Lower Upper

136 100

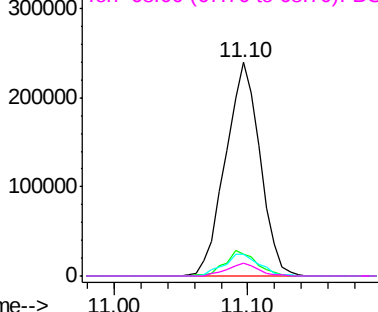
137 9.9 8.9 13.3

54 10.1 9.3 13.9

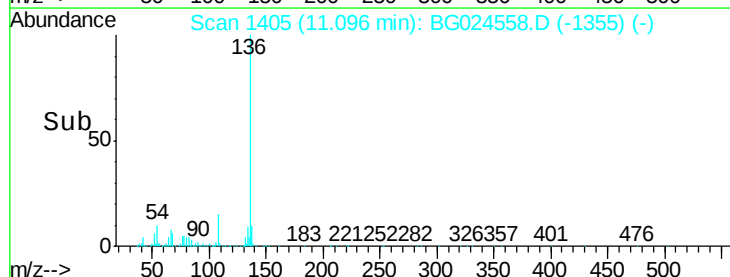
68 6.1 5.1 7.7

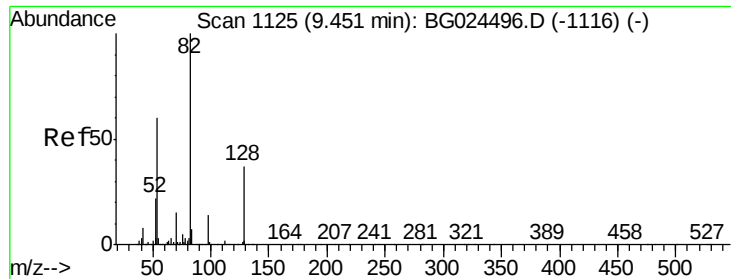


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time--> 11.00 11.10

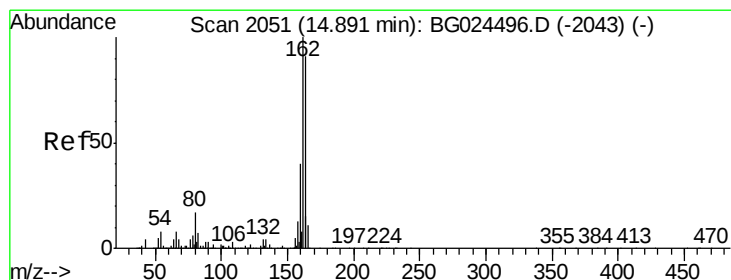
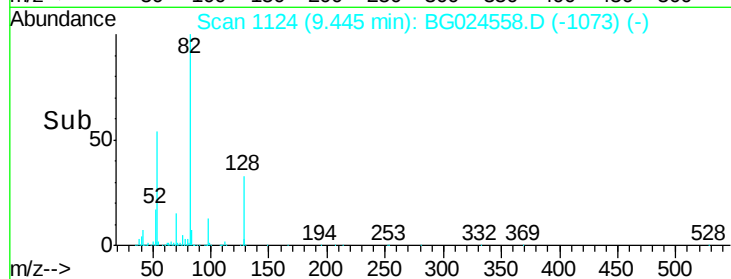
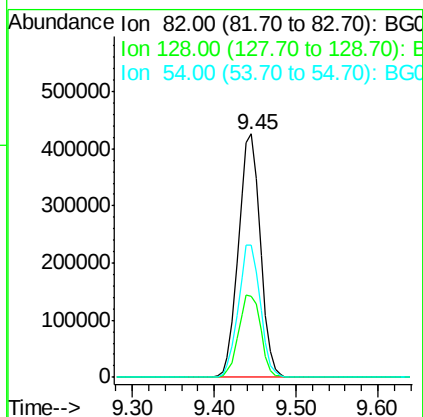
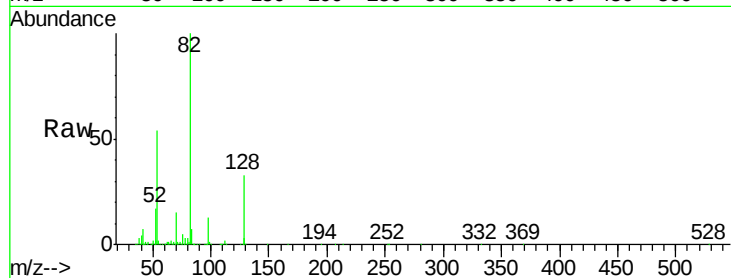




#23
 Nitrobenzene-d5
 Concen: 84.20 ng
 RT: 9.45 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BG024558.D
 Acq: 31 Oct 2016 16:14

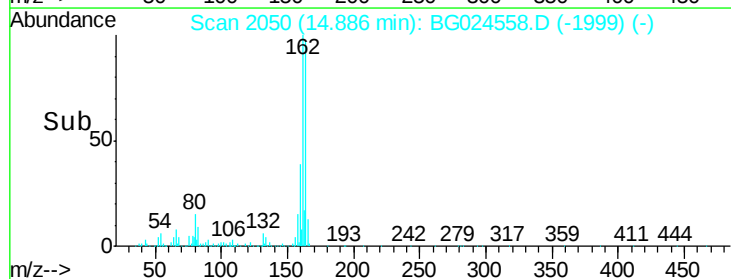
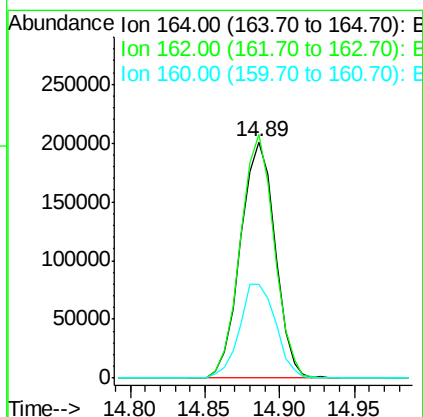
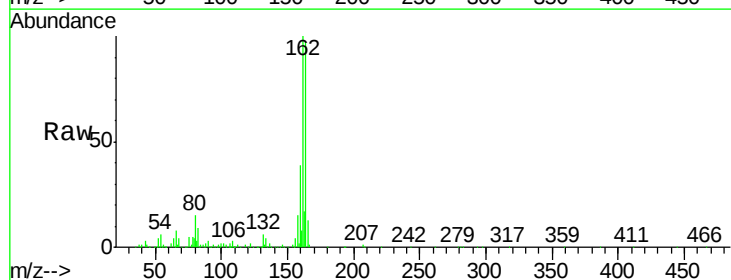
Instrument :
 BNA_G
 ClientSampleId :
 PB94433BL

Tgt Ion: 82 Resp: 790915
 Ion Ratio Lower Upper
 82 100
 128 33.3 26.4 39.6
 54 54.4 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2050
 Delta R.T. 0.00 min
 Lab File: BG024558.D
 Acq: 31 Oct 2016 16:14

Tgt Ion: 164 Resp: 322875
 Ion Ratio Lower Upper
 164 100
 162 103.2 85.1 127.7
 160 39.9 34.7 52.1

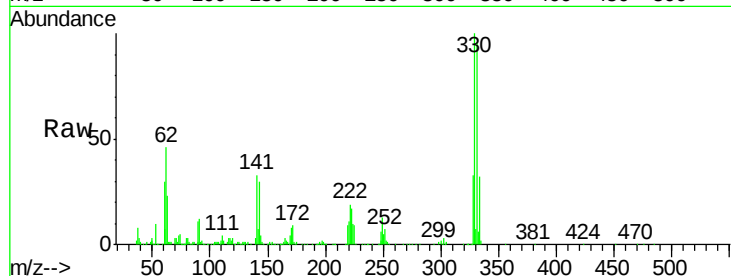




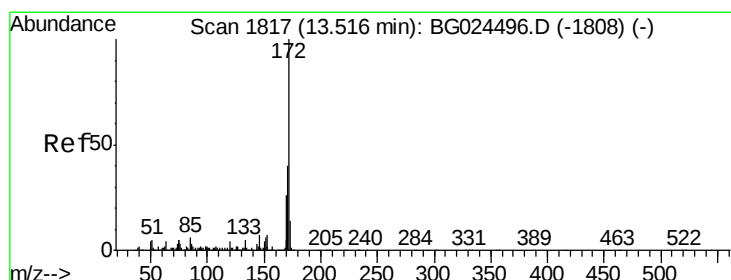
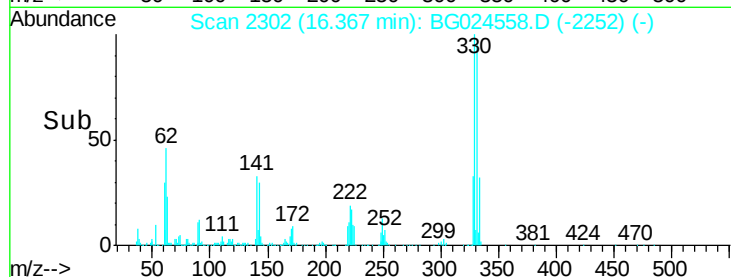
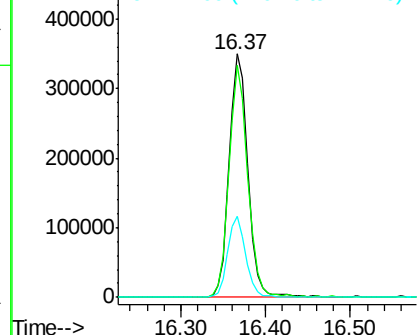
#41
2,4,6-Tribromophenol
Concen: 110.81 ng
RT: 16.37 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024558.D
Acq: 31 Oct 2016 16:14

Instrument :
BNA_G
ClientSampleId :
PB94433BL

Tgt Ion:330 Resp: 534494
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 32.0 32.1 48.1#

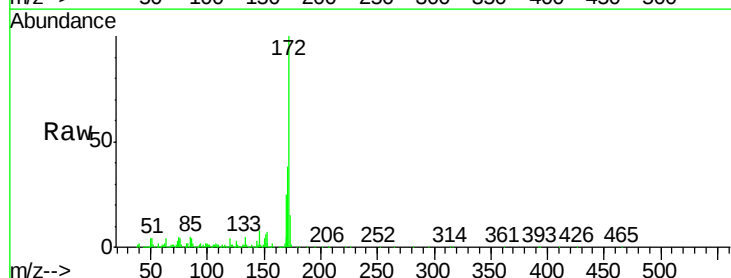


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

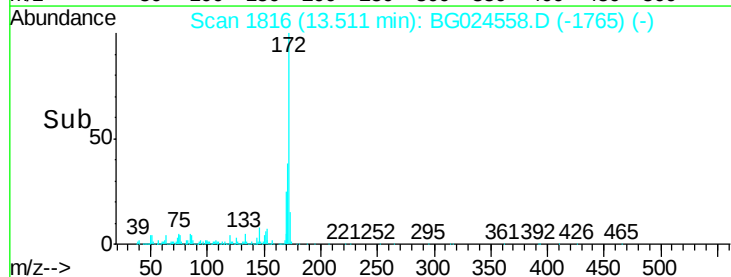
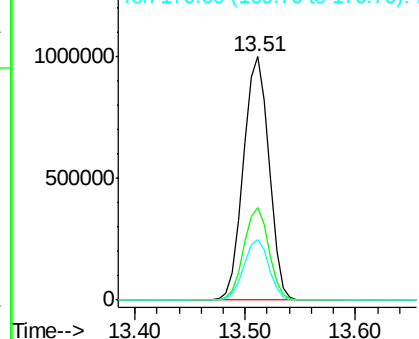


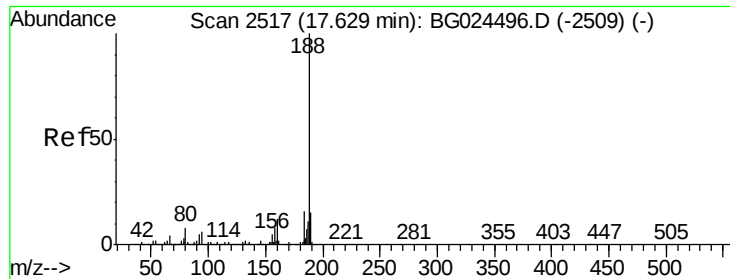
#44
2-Fluorobiphenyl
Concen: 83.94 ng
RT: 13.51 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG024558.D
Acq: 31 Oct 2016 16:14

Tgt Ion:172 Resp: 1630520
Ion Ratio Lower Upper
172 100
171 38.2 32.2 48.2
170 24.8 21.8 32.6



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024558.D

Acq: 31 Oct 2016 16:14

Instrument :

BNA_G

ClientSampleId :

PB94433BL

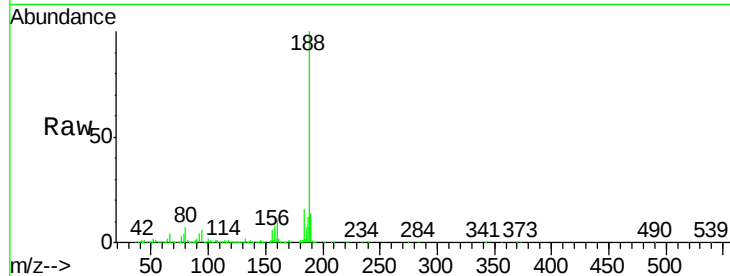
Tgt Ion:188 Resp: 732121

Ion Ratio Lower Upper

188 100

94 5.6 5.8 8.8#

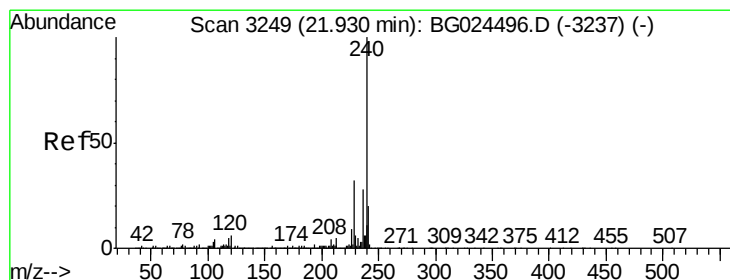
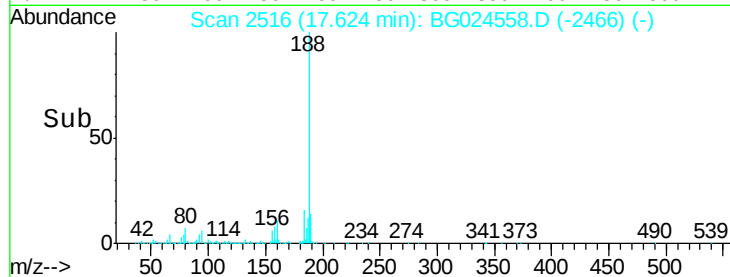
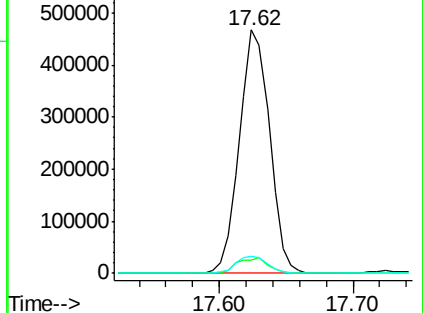
80 7.3 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024558.D

Acq: 31 Oct 2016 16:14

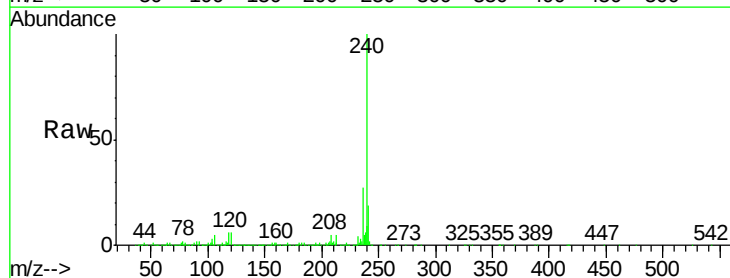
Tgt Ion:240 Resp: 1084394

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

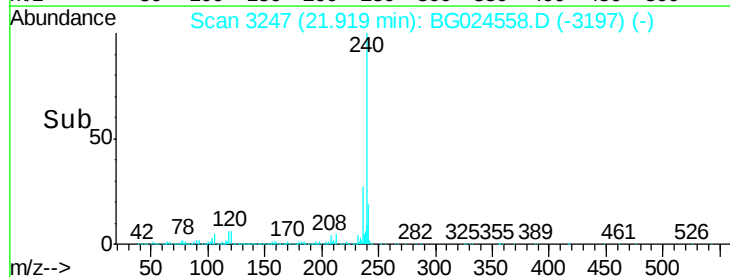
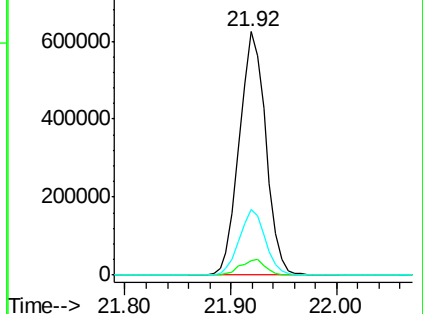
236 26.9 22.2 33.4

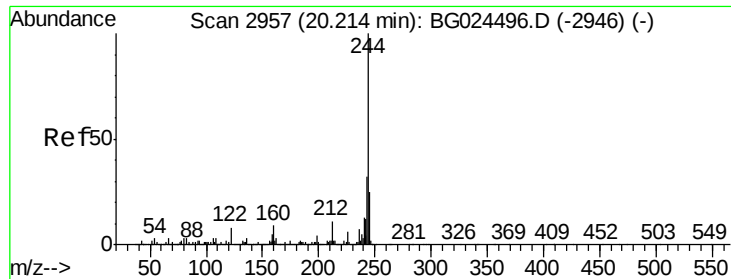


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.20 ng

RT: 20.21 min Scan# 2956

Delta R.T. 0.00 min

Lab File: BG024558.D

Acq: 31 Oct 2016 16:14

Instrument :

BNA_G

ClientSampleId :

PB94433BL

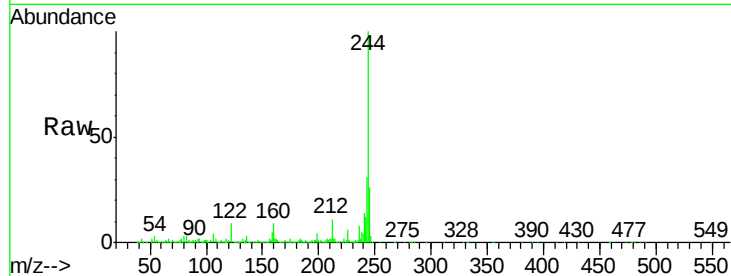
Tgt Ion:244 Resp: 2946849

Ion Ratio Lower Upper

244 100

212 11.2 10.0 15.0

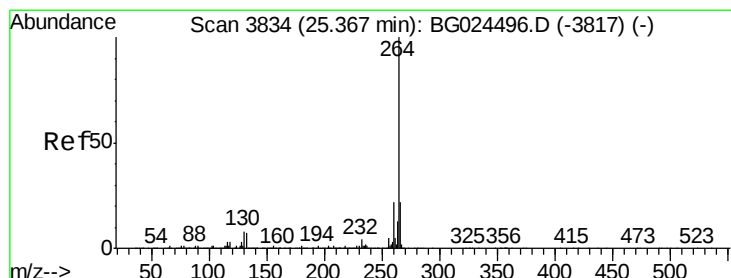
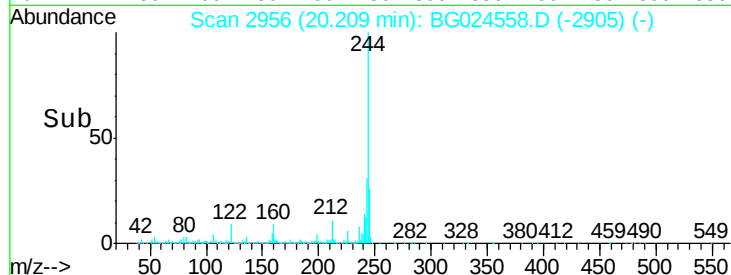
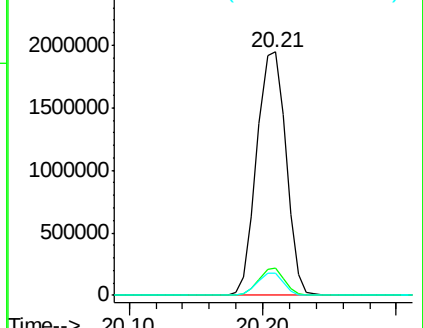
122 9.0 8.6 12.8



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: 20.00 ng

RT: 25.35 min Scan# 3831

Delta R.T. -0.01 min

Lab File: BG024558.D

Acq: 31 Oct 2016 16:14

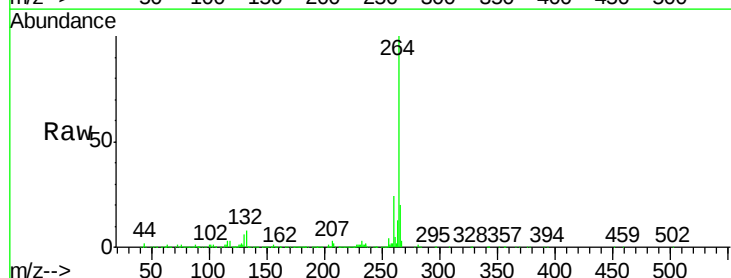
Tgt Ion:264 Resp: 1124609

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 19.5 18.2 27.4



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

