

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110216\
 Data File : BG024631.D
 Acq On : 2 Nov 2016 18:40
 Operator : UM/SJ
 Sample : PB94493BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94493BL

Quant Time: Nov 03 01:31:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	107383	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	423286	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	309853	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	701368	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1018650	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1020479	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	853610	130.29	ng	0.00
7) Phenol-d6	7.40	99	1215978	135.30	ng	0.00
23) Nitrobenzene-d5	9.45	82	850724	91.51	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	604860	130.67	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1735160	93.08	ng	0.00
78) Terphenyl-d14	20.20	244	2965554	86.99	ng	-0.01

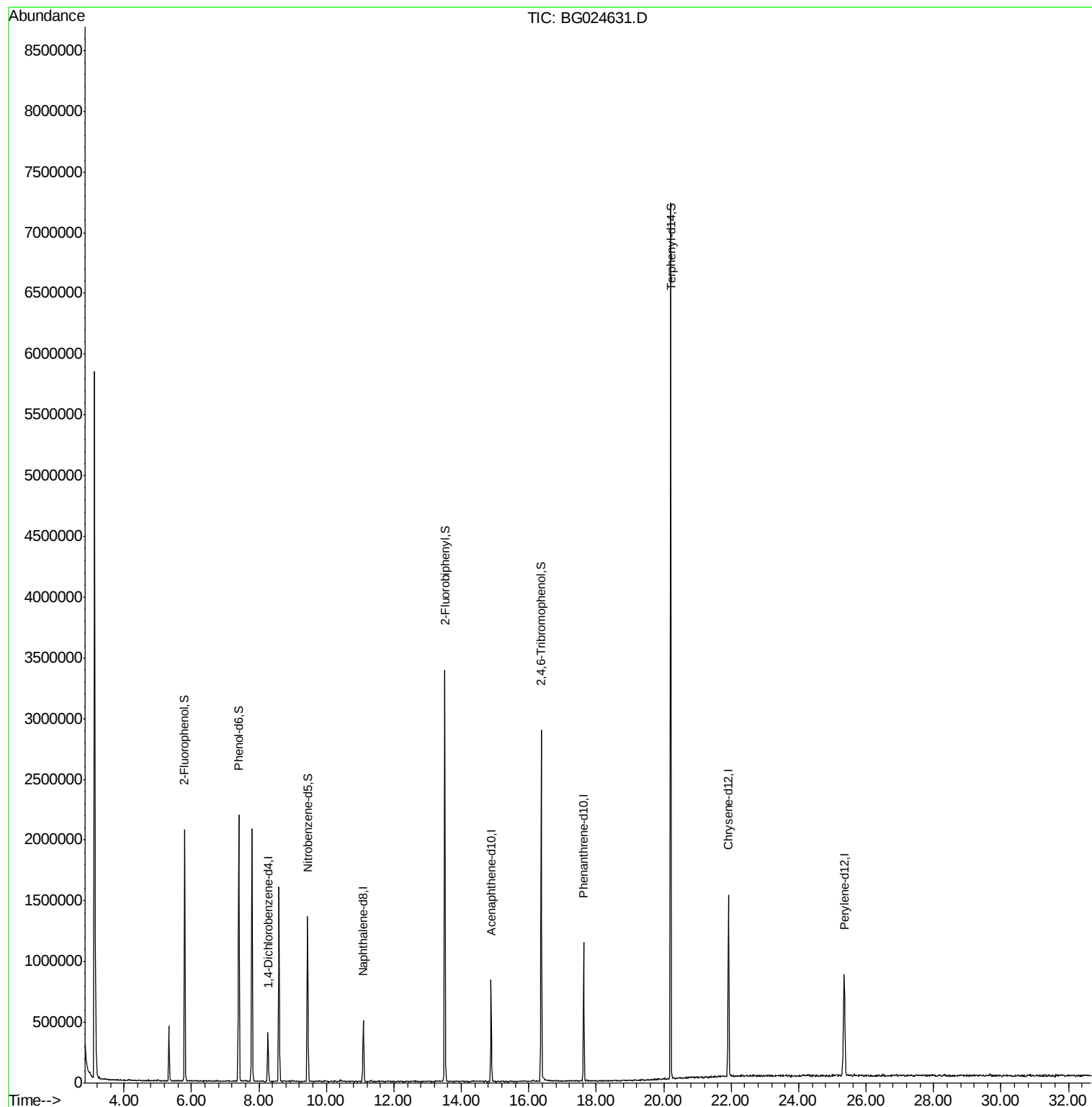
Target Compounds	Qvalue
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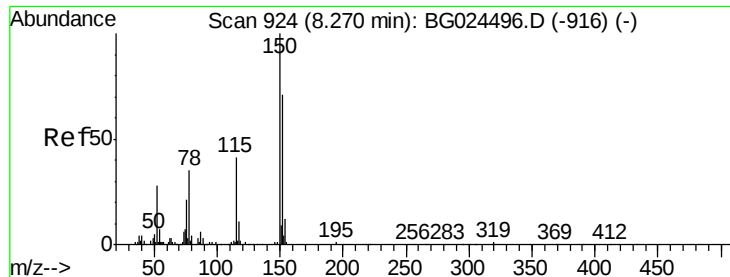
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG024631.D

Acq: 2 Nov 2016 18:40

Instrument :

BNA_G

ClientSampleId :

PB94493BL

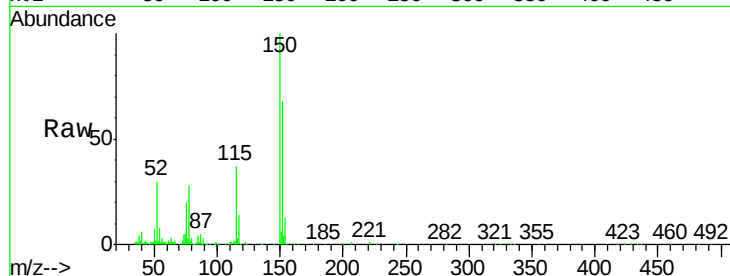
Tgt Ion:152 Resp: 107383

Ion Ratio Lower Upper

152 100

150 146.5 114.0 171.0

115 54.9 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

120000

100000

80000

60000

40000

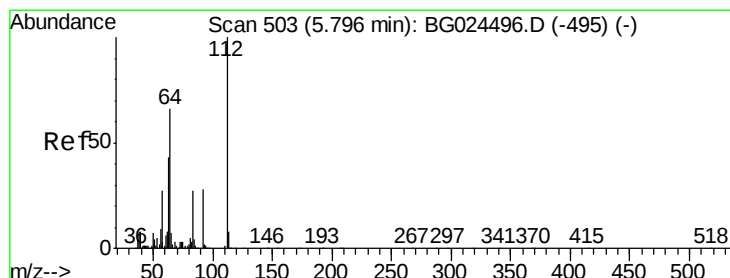
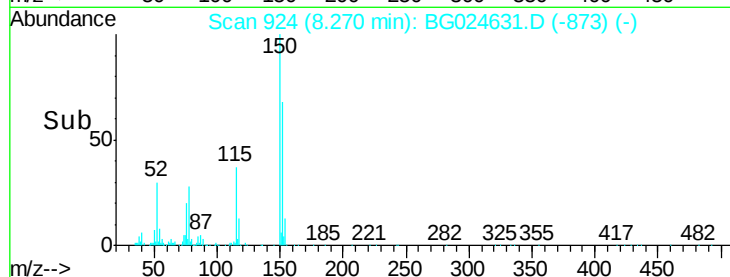
20000

0

8.20 8.25 8.30 8.35

8.27

Time-->



#5

2-Fluorophenol

Concen: 130.29 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.01 min

Lab File: BG024631.D

Acq: 2 Nov 2016 18:40

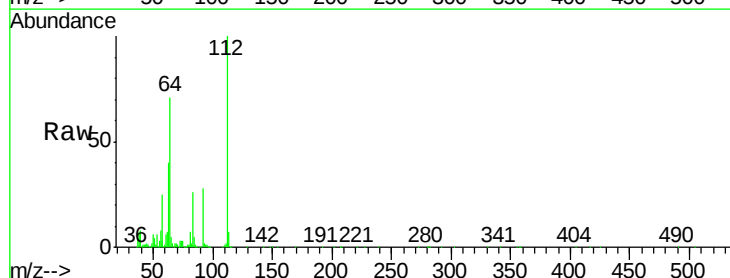
Tgt Ion:112 Resp: 853610

Ion Ratio Lower Upper

112 100

64 71.2 61.8 92.6

63 40.0 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0

600000

400000

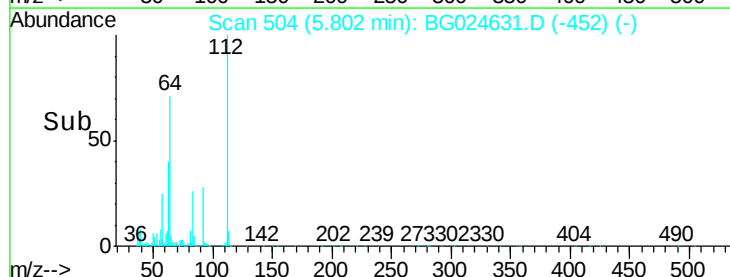
200000

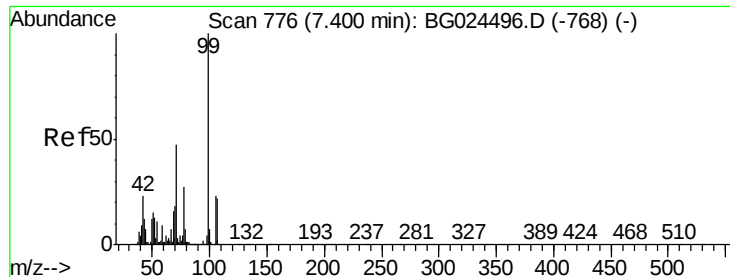
0

5.70 5.75 5.80 5.85 5.90

5.80

Time-->





#7

Phenol-d6

Concen: 135.30 ng

RT: 7.40 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG024631.D

Acq: 2 Nov 2016 18:40

Instrument :

BNA_G

ClientSampleId :

PB94493BL

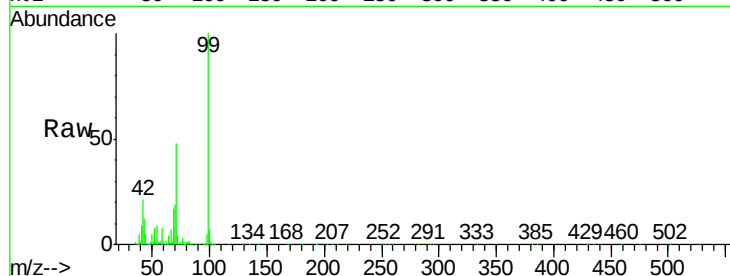
Tgt Ion: 99 Resp: 1215978

Ion Ratio Lower Upper

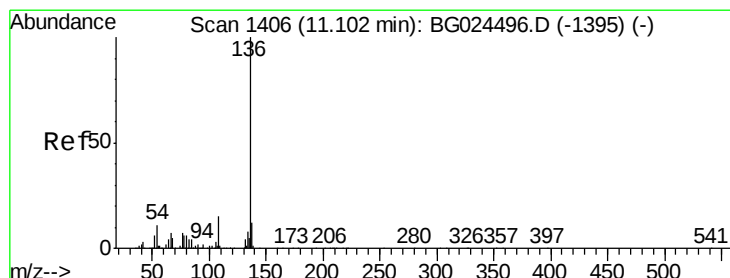
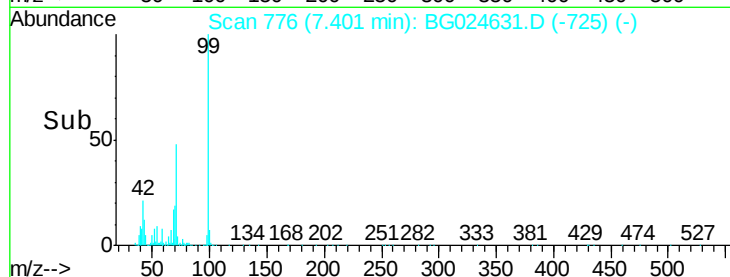
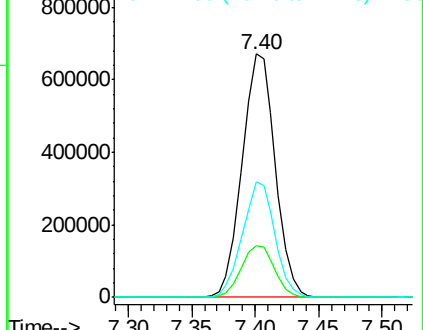
99 100

42 21.4 20.5 30.7

71 47.6 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024631.D

Acq: 2 Nov 2016 18:40

Tgt Ion: 136 Resp: 423286

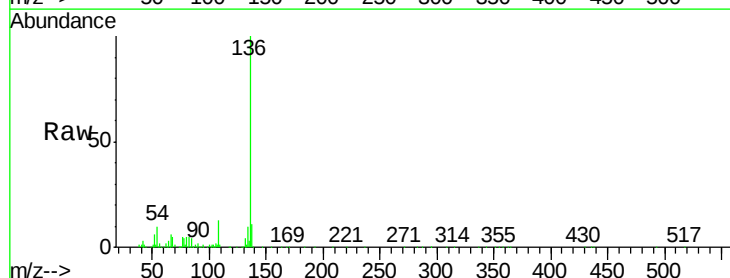
Ion Ratio Lower Upper

136 100

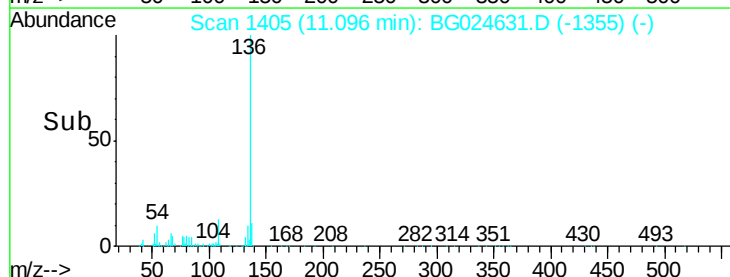
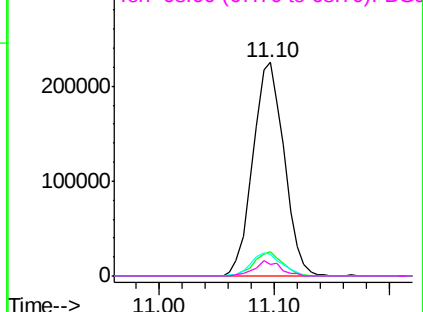
137 11.4 8.9 13.3

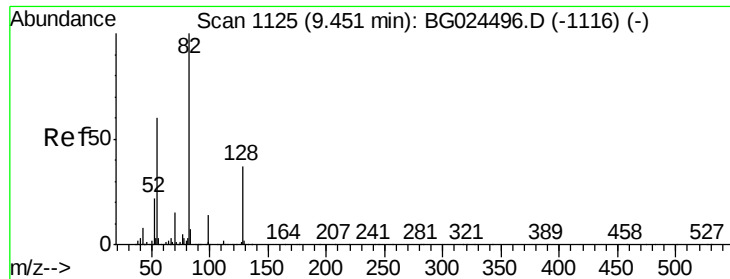
54 10.0 9.3 13.9

68 5.2 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

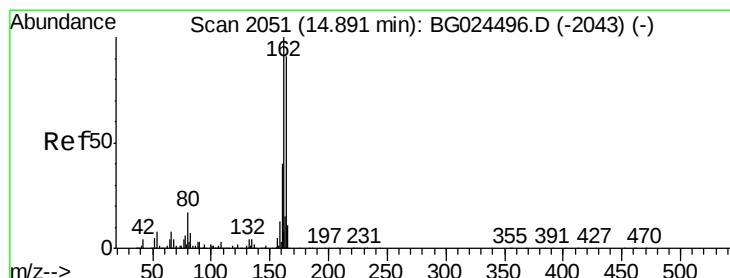
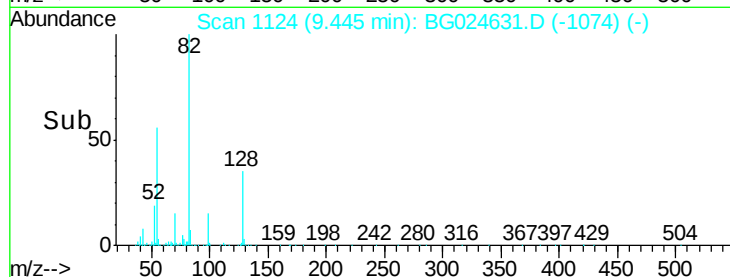
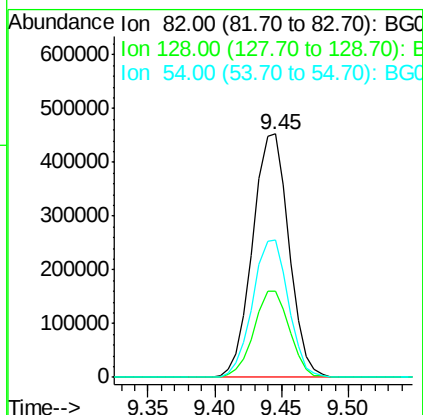
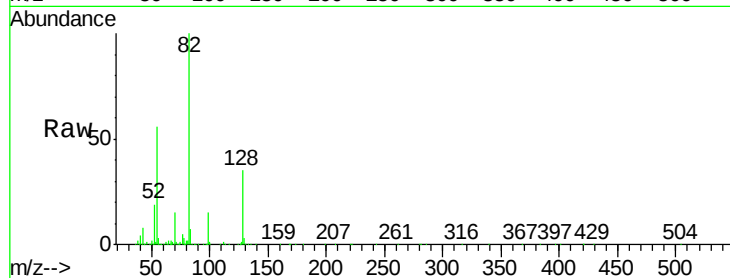




#23
 Nitrobenzene-d5
 Concen: 91.51 ng
 RT: 9.45 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024631.D
 Acq: 2 Nov 2016 18:40

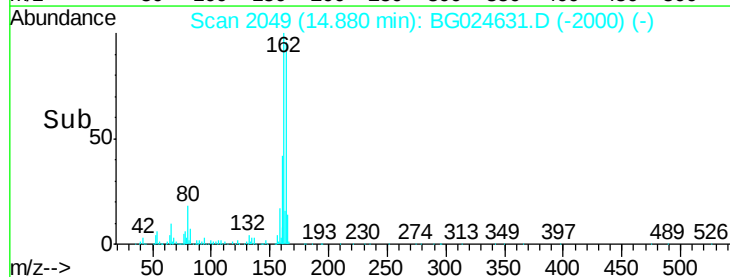
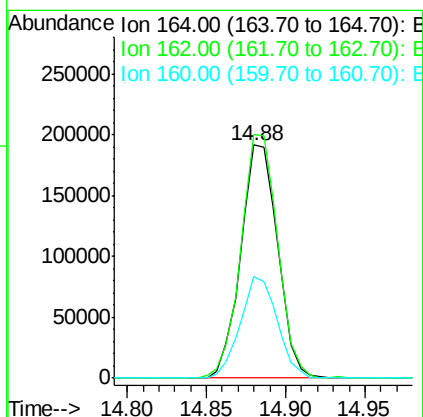
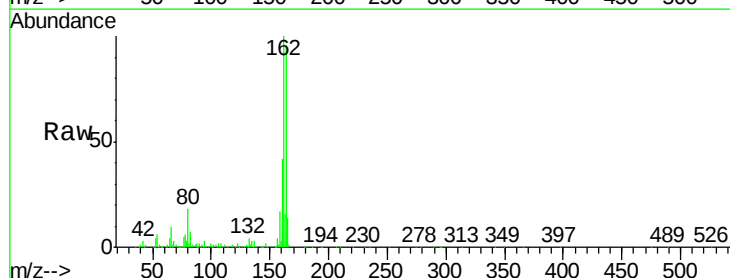
Instrument :
 BNA_G
 ClientSampleId :
 PB94493BL

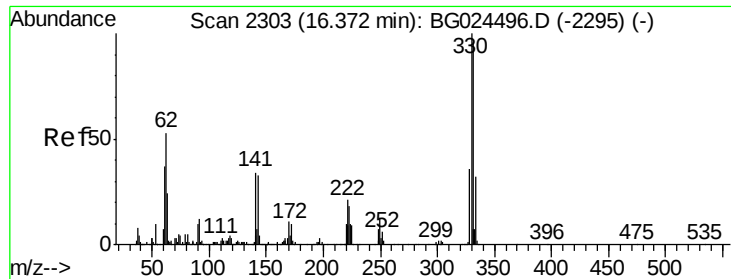
Tgt Ion: 82 Resp: 850724
 Ion Ratio Lower Upper
 82 100
 128 35.2 26.4 39.6
 54 56.2 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG024631.D
 Acq: 2 Nov 2016 18:40

Tgt Ion: 164 Resp: 309853
 Ion Ratio Lower Upper
 164 100
 162 104.4 85.1 127.7
 160 43.3 34.7 52.1

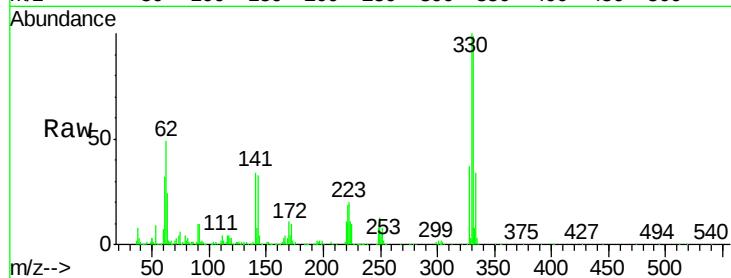




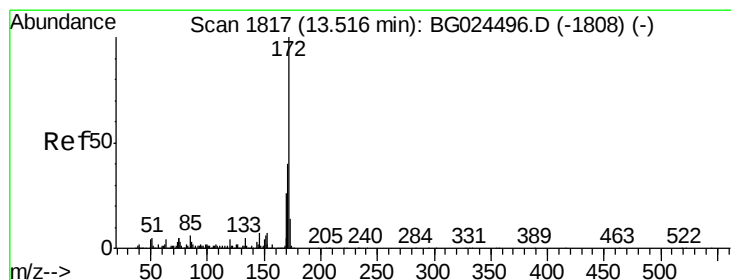
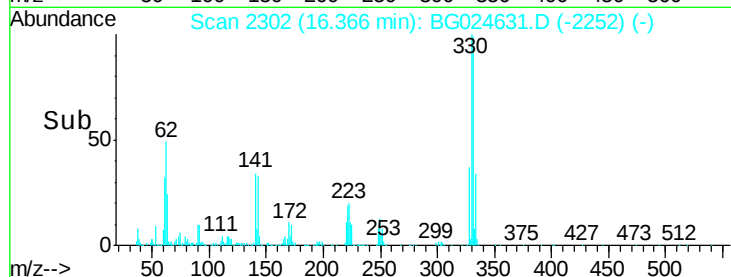
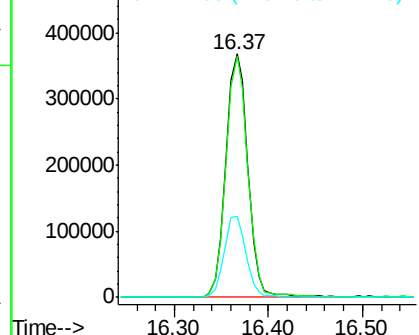
#41
2,4,6-Tribromophenol
Concen: 130.67 ng
RT: 16.37 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024631.D
Acq: 2 Nov 2016 18:40

Instrument :
BNA_G
ClientSampleId :
PB94493BL

Tgt Ion:330 Resp: 604860
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 33.1 32.1 48.1

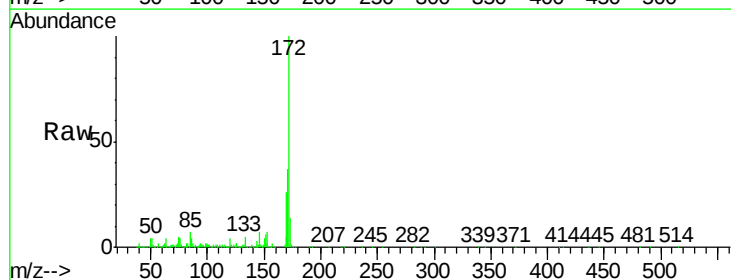


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

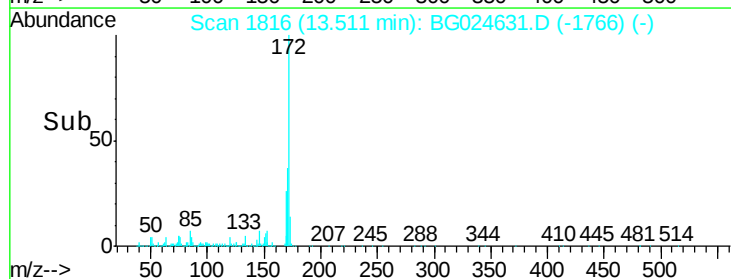
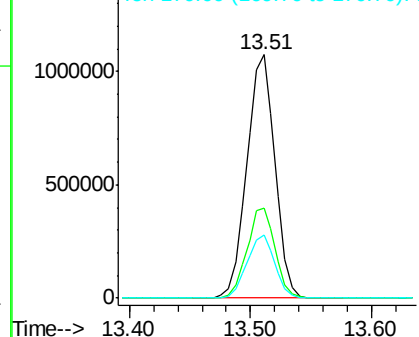


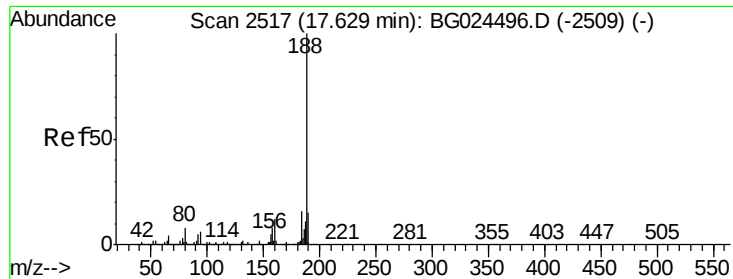
#44
2-Fluorobiphenyl
Concen: 93.08 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024631.D
Acq: 2 Nov 2016 18:40

Tgt Ion:172 Resp: 1735160
Ion Ratio Lower Upper
172 100
171 37.1 32.2 48.2
170 26.1 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: BG024631.D

Acq: 2 Nov 2016 18:40

Instrument :

BNA_G

ClientSampleId :

PB94493BL

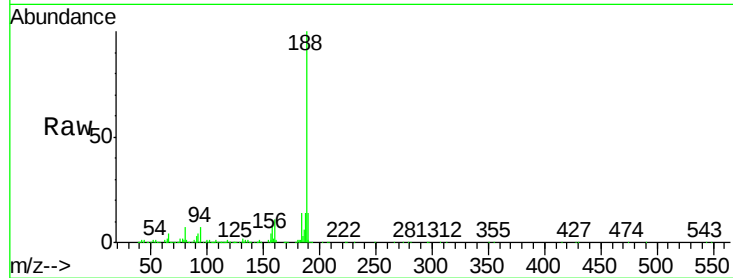
Tgt Ion:188 Resp: 701368

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.8

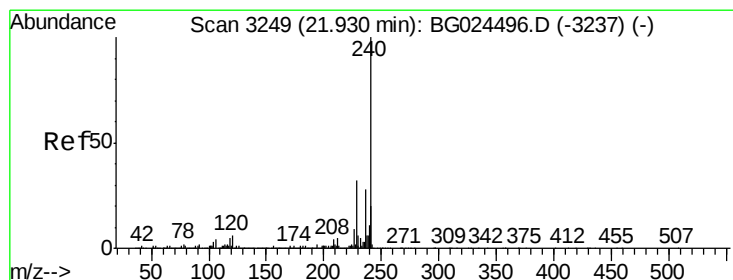
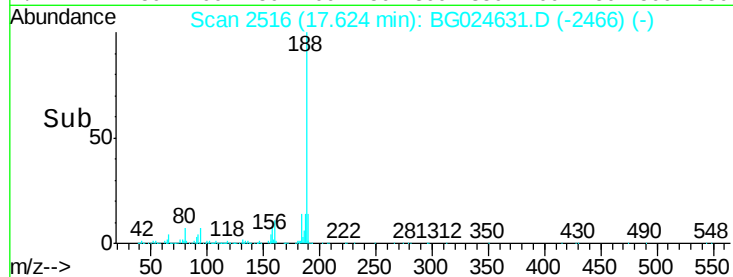
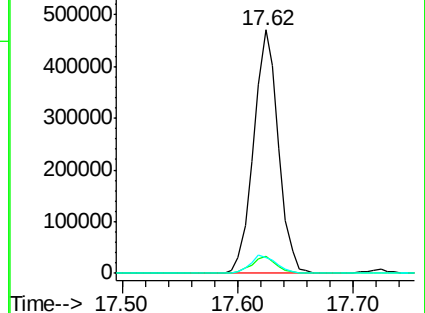
80 6.7 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024631.D

Acq: 2 Nov 2016 18:40

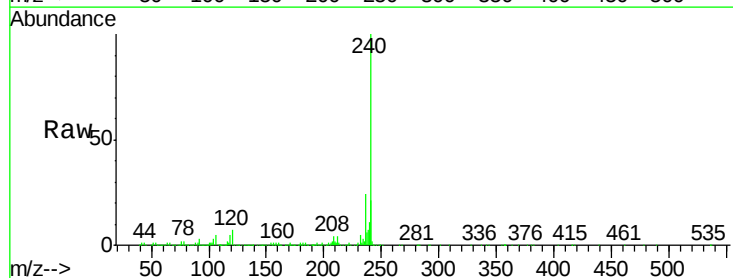
Tgt Ion:240 Resp: 1018650

Ion Ratio Lower Upper

240 100

120 6.6 5.7 8.5

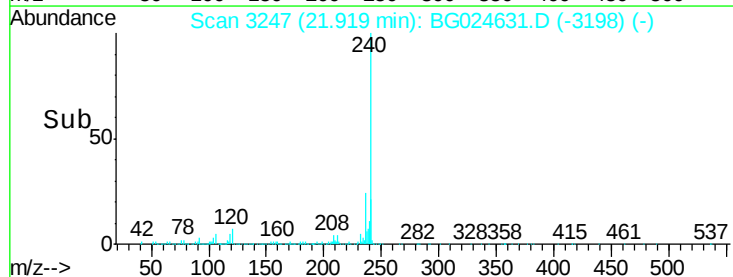
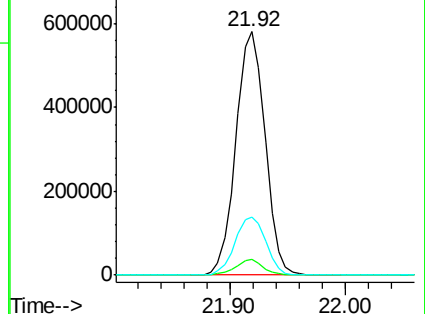
236 23.9 22.2 33.4

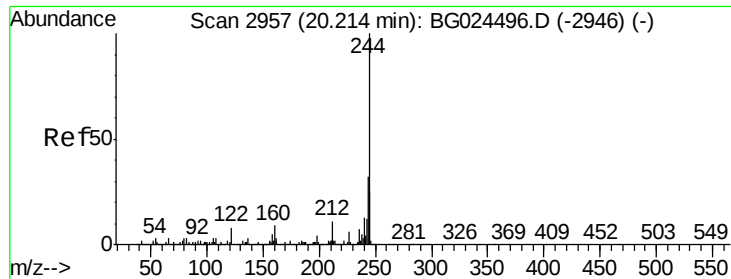


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.99 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024631.D

Acq: 2 Nov 2016 18:40

Instrument :

BNA_G

ClientSampleId :

PB94493BL

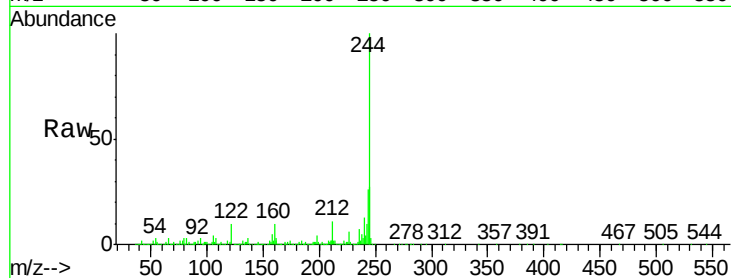
Tgt Ion:244 Resp: 2965554

Ion Ratio Lower Upper

244 100

212 10.9 10.0 15.0

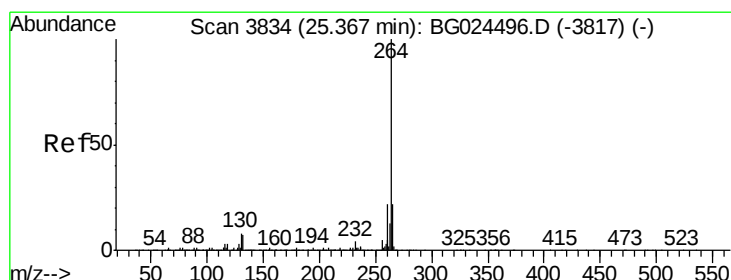
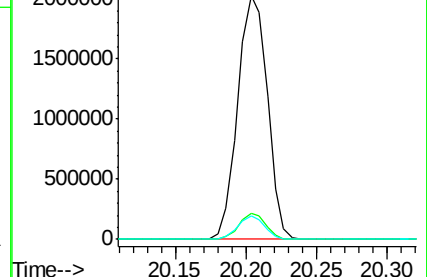
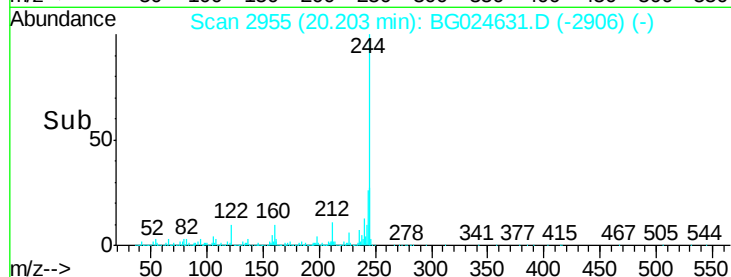
122 9.6 8.6 12.8



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. -0.02 min

Lab File: BG024631.D

Acq: 2 Nov 2016 18:40

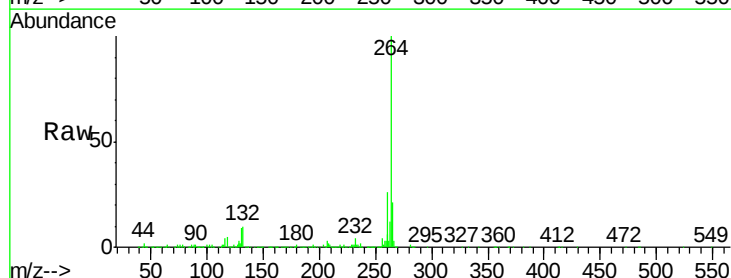
Tgt Ion:264 Resp: 1020479

Ion Ratio Lower Upper

264 100

260 25.9 21.8 32.8

265 21.5 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

