

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024686.D
 Acq On : 4 Nov 2016 21:56
 Operator : UM/SJ
 Sample : PB94526BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94526BL

Quant Time: Nov 05 00:30:29 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	101203	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	393999	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	309048	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	726863	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1006726	20.00	ng	-0.01
86) Perylene-d12	25.35	264	996938	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	795028	128.76	ng	0.00
7) Phenol-d6	7.40	99	1095869	129.38	ng	0.00
23) Nitrobenzene-d5	9.44	82	788386	91.10	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	604324	130.89	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1600730	86.09	ng	0.00
78) Terphenyl-d14	20.21	244	2998059	88.99	ng	0.00

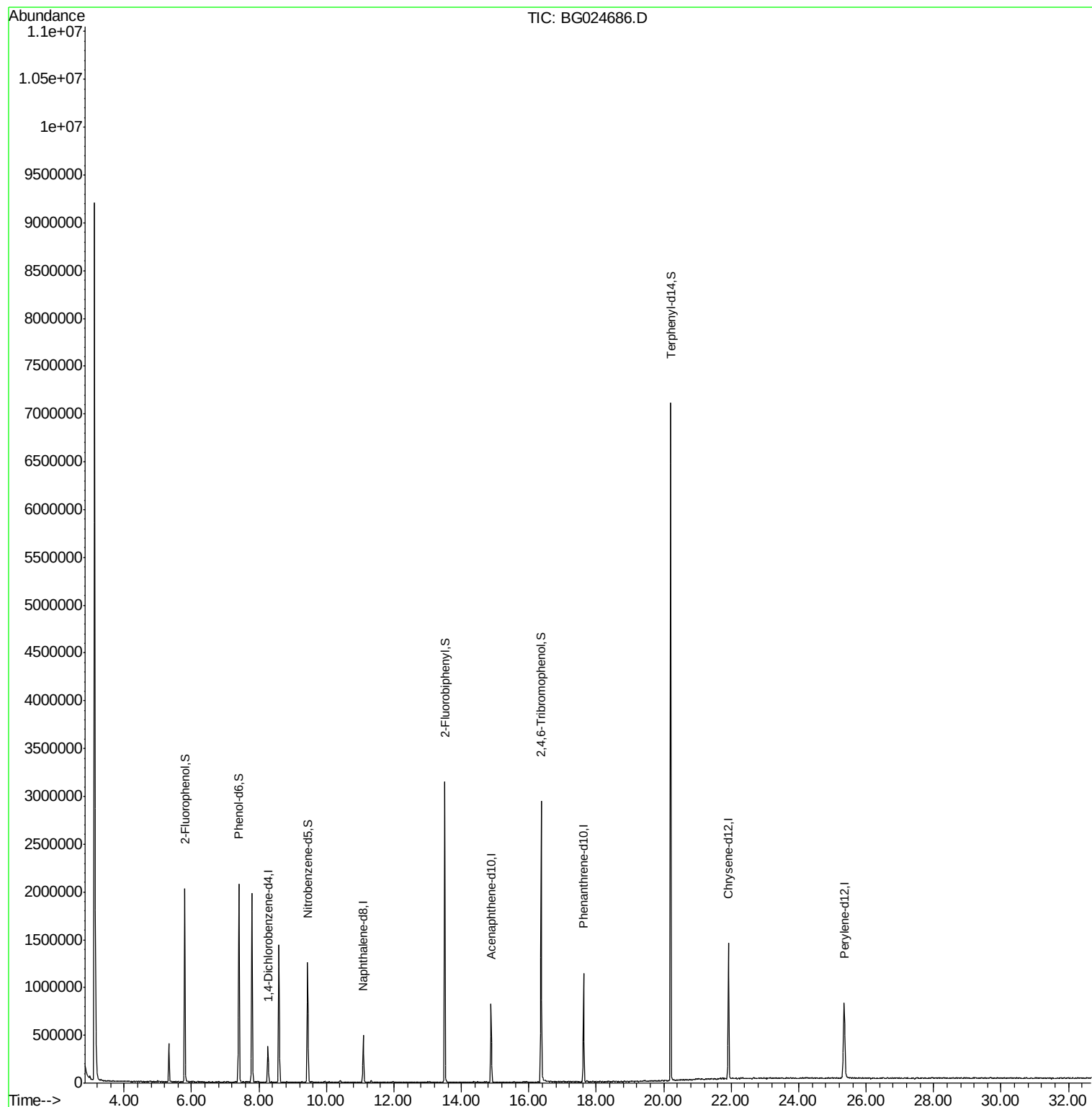
Target Compounds Qvalue

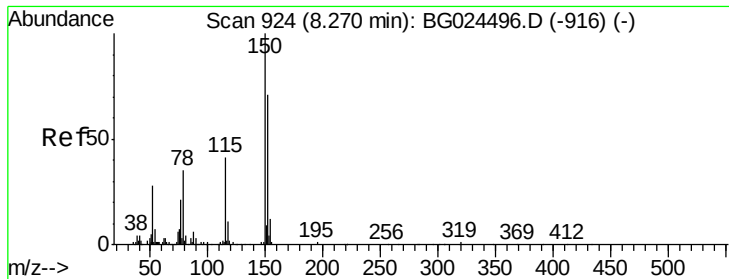
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024686.D

Acq: 4 Nov 2016 21:56

Instrument :

BNA_G

ClientSampleId :

PB94526BL

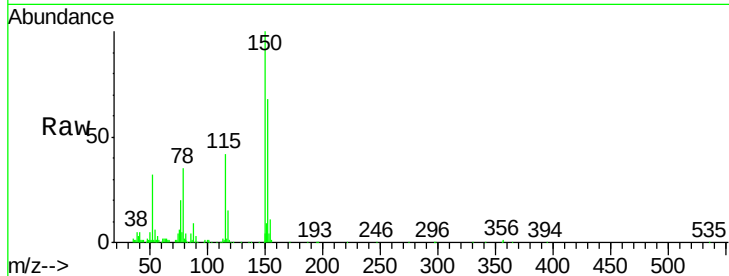
Tot Ion:152 Resp: 101203

Ion Ratio Lower Upper

152 100

150 146.0 114.0 171.0

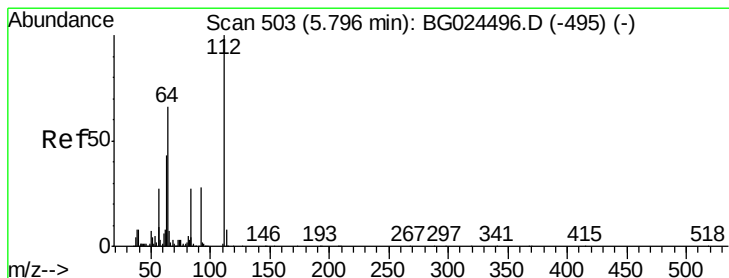
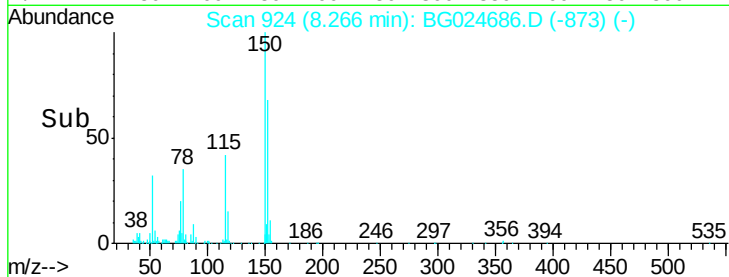
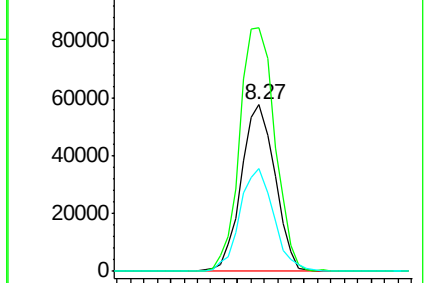
115 61.6 48.1 72.1



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: 128.76 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024686.D

Acq: 4 Nov 2016 21:56

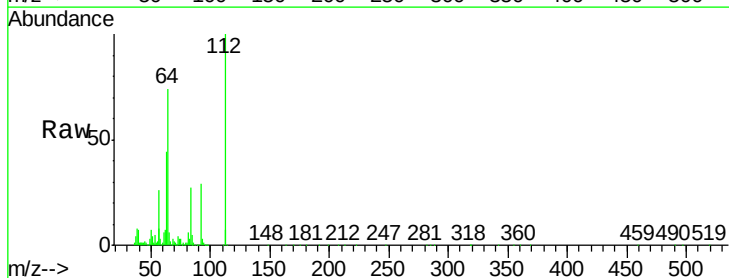
Tgt Ion:112 Resp: 795028

Ion Ratio Lower Upper

112 100

64 73.5 61.8 92.6

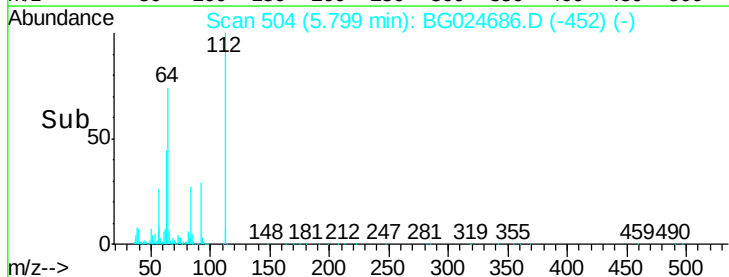
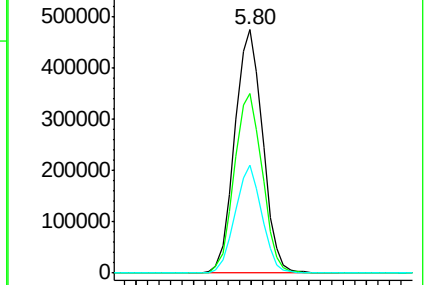
63 44.3 37.2 55.8

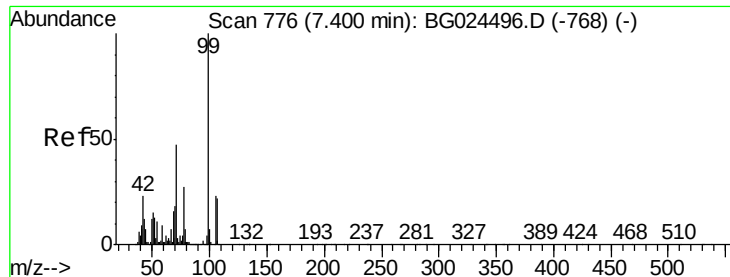


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 129.38 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024686.D

Acq: 4 Nov 2016 21:56

Instrument :

BNA_G

ClientSampleId :

PB94526BL

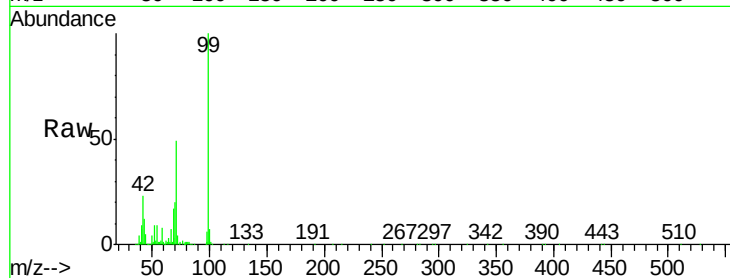
Tot Ion: 99 Resp: 1095869

Ion Ratio Lower Upper

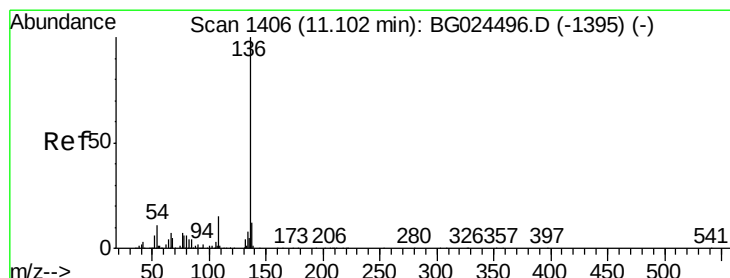
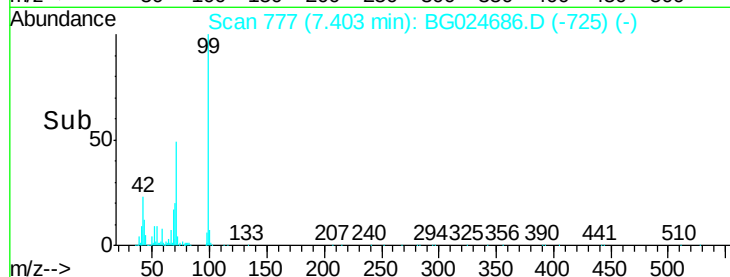
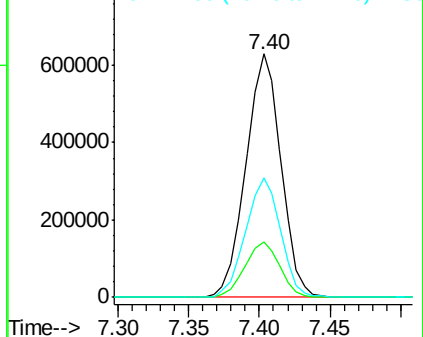
99 100

42 22.7 20.5 30.7

71 49.2 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: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024686.D

Acq: 4 Nov 2016 21:56

Tgt Ion: 136 Resp: 393999

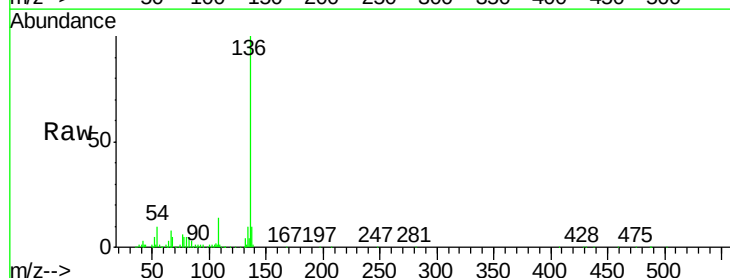
Ion Ratio Lower Upper

136 100

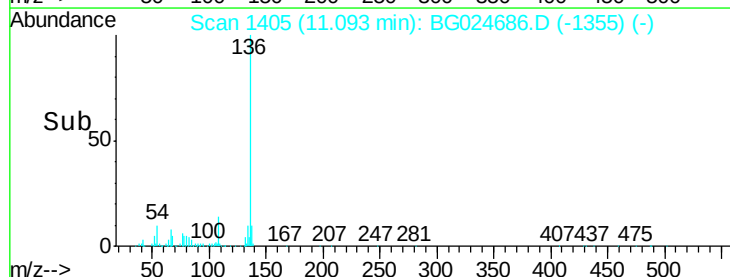
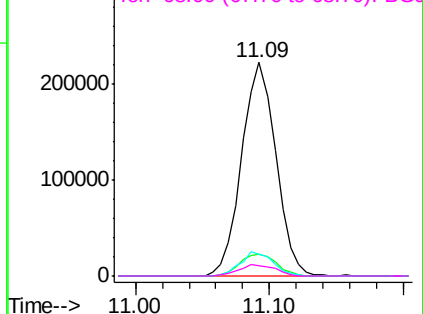
137 10.0 8.9 13.3

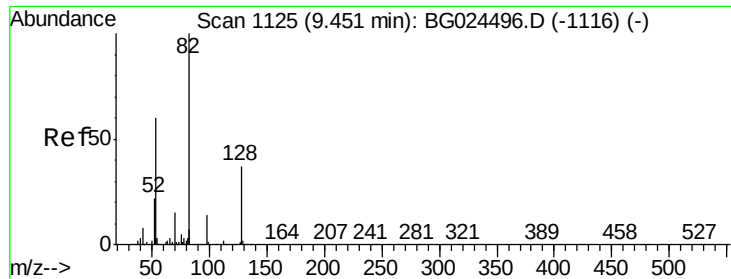
54 10.4 9.3 13.9

68 4.5 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

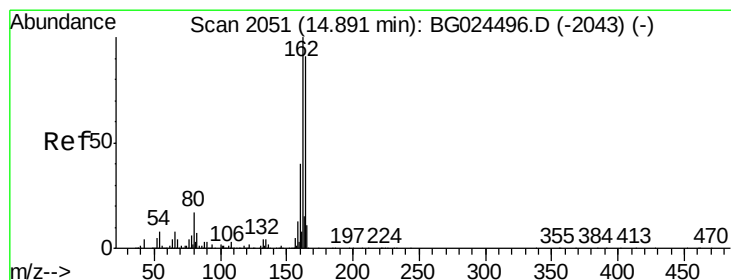
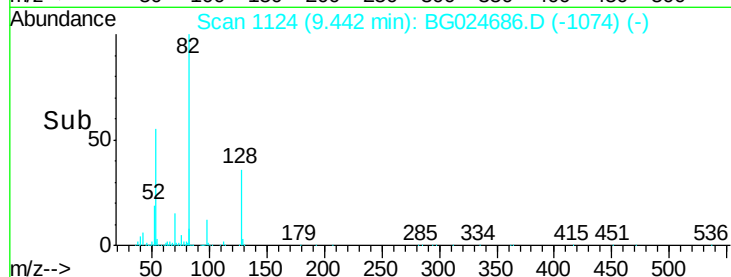
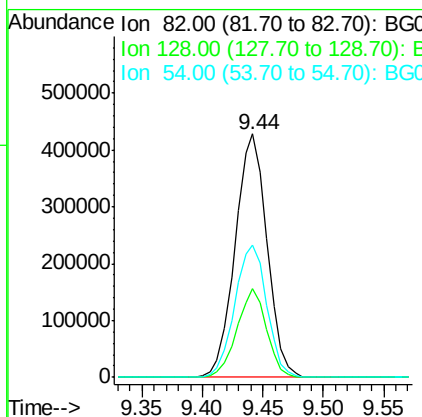
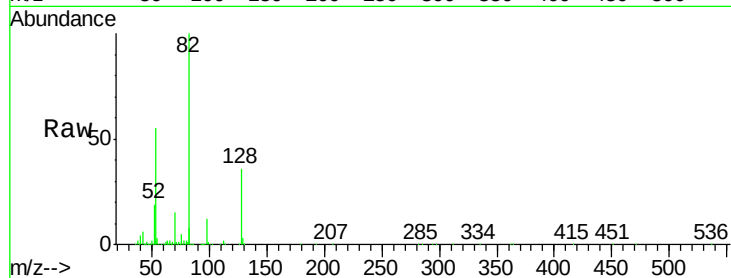




#23
 Nitrobenzene-d5
 Concen: 91.10 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024686.D
 Acq: 4 Nov 2016 21:56

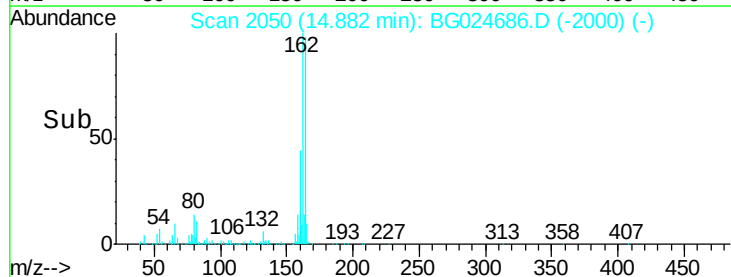
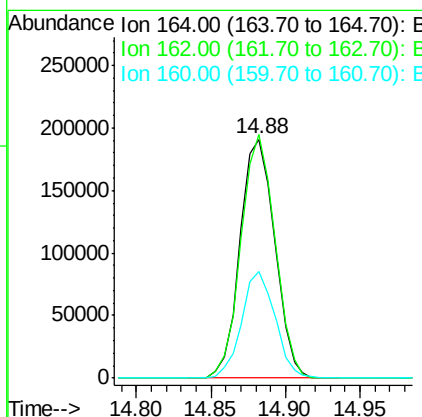
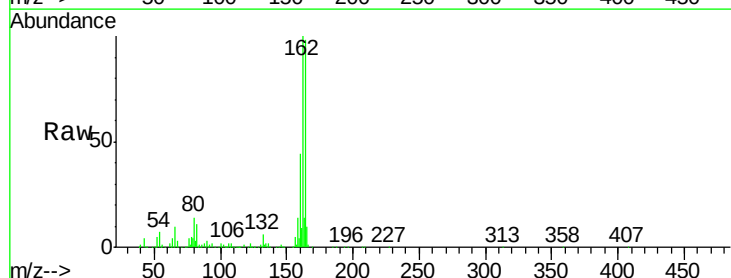
Instrument :
 BNA_G
 ClientSampled :
 PB94526BL

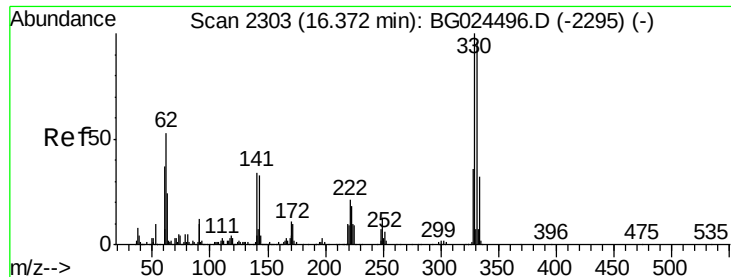
Tot Ion	82	Resp	788386
Ion Ratio	Lower	Upper	
82	100		
128	36.2	26.4	39.6
54	54.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024686.D
 Acq: 4 Nov 2016 21:56

Tgt Ion	164	Resp	309048
Ion Ratio	Lower	Upper	
164	100		
162	102.1	85.1	127.7
160	44.6	34.7	52.1

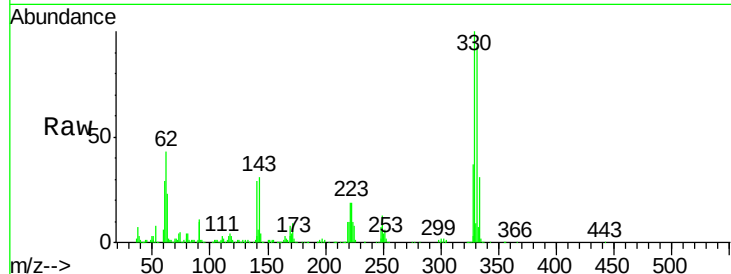




#41
2,4,6-Tribromophenol
Concen: 130.89 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024686.D
Acq: 4 Nov 2016 21:56

Instrument :
BNA_G
ClientSampleId :
PB94526BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	32.9	32.1	48.1

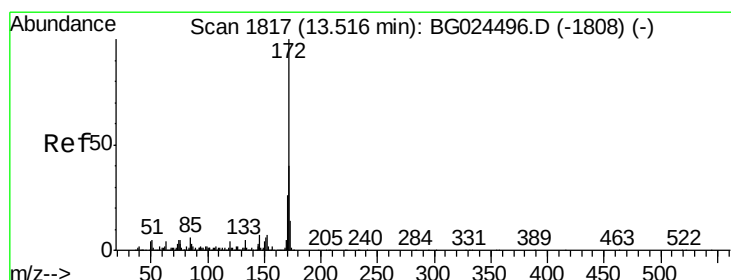
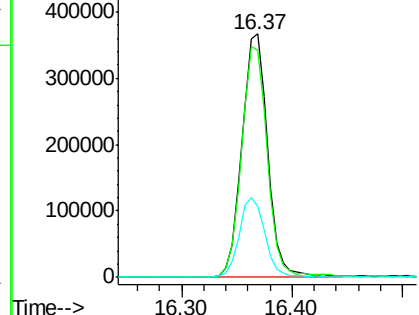
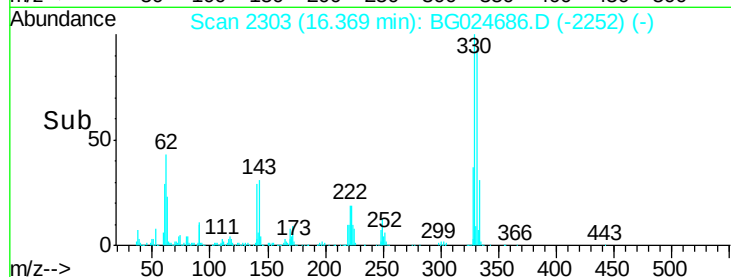


Abundance

Ion 329.80 (329.50 to 330.50): E

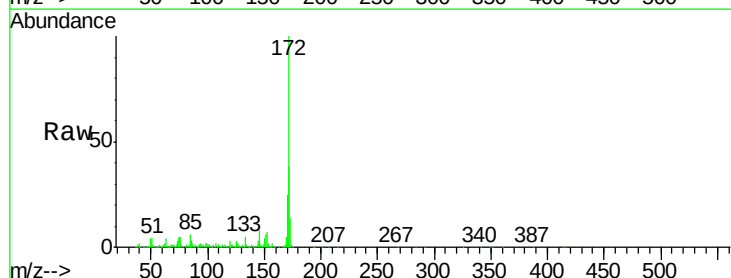
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 86.09 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024686.D
Acq: 4 Nov 2016 21:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	25.3	21.8	32.6

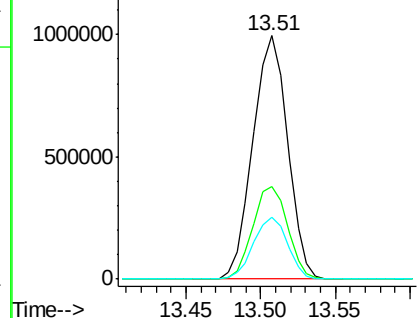
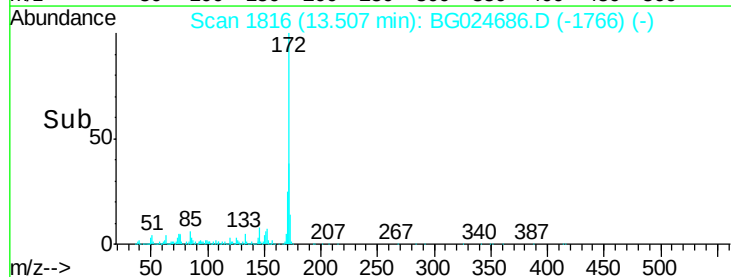


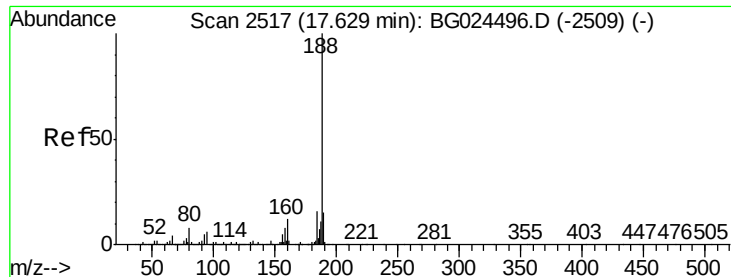
Abundance

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

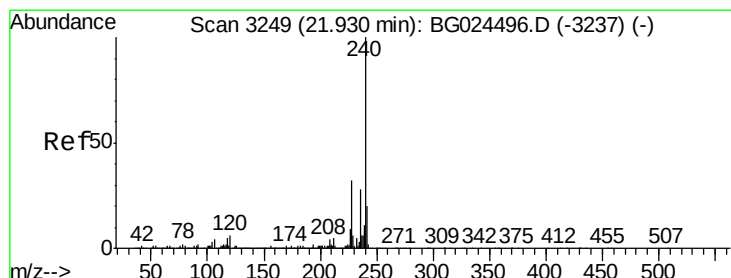
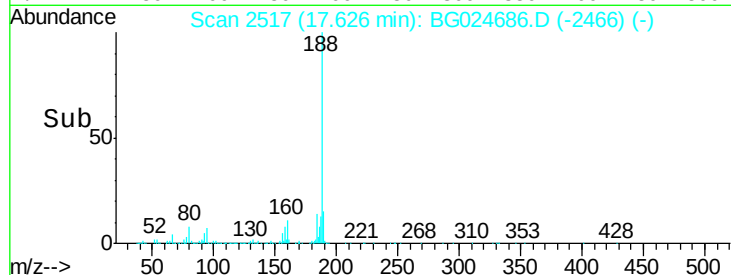
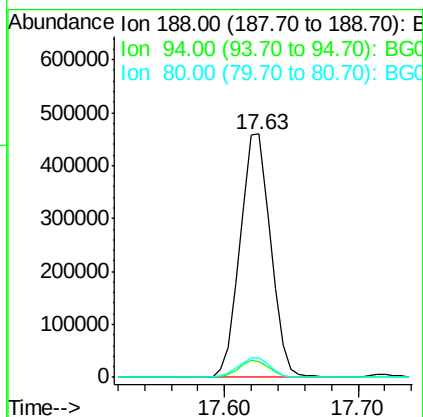
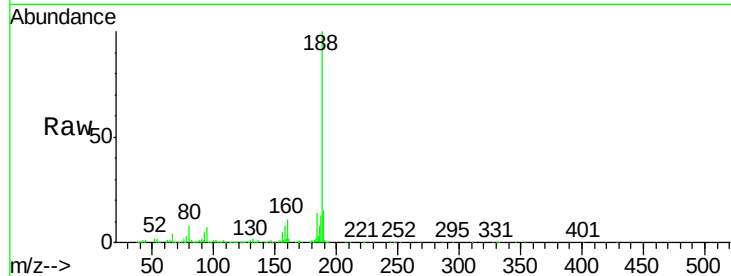




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024686.D
Acq: 4 Nov 2016 21:56

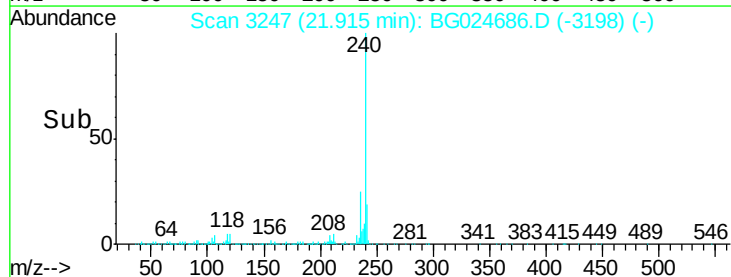
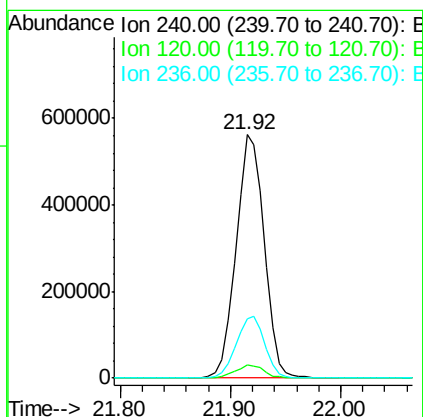
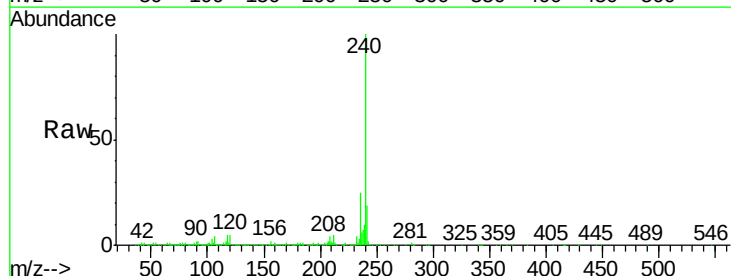
Instrument :
BNA_G
ClientSampleId :
PB94526BL

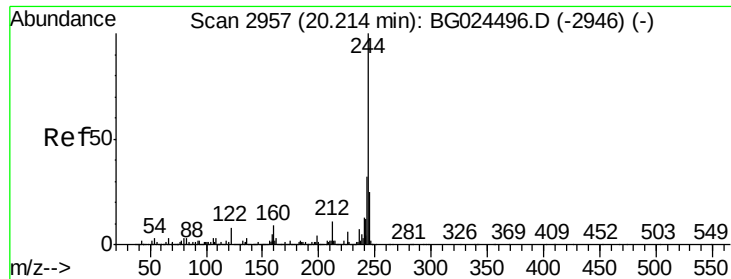
Tot Ion:188 Resp: 726863
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.8
80 8.0 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024686.D
Acq: 4 Nov 2016 21:56

Tgt Ion:240 Resp: 1006726
Ion Ratio Lower Upper
240 100
120 5.3 5.7 8.5#
236 24.5 22.2 33.4





#78

Terphenyl-d14

Concen: 88.99 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024686.D

Acq: 4 Nov 2016 21:56

Instrument :

BNA_G

ClientSampled :

PB94526BL

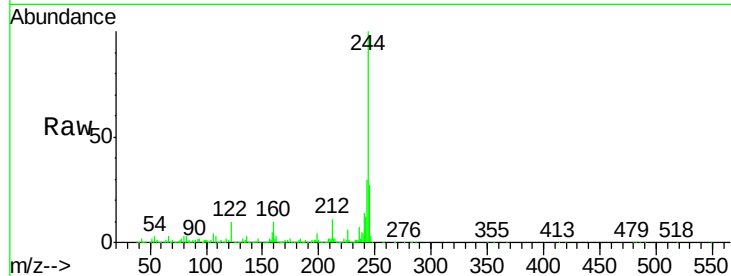
Tot Ion:244 Resp: 2998059

Ion	Ratio	Lower	Upper
244	100		
212	10.6	10.0	15.0
122	9.5	8.6	12.8

244 100

212 10.6 10.0 15.0

122 9.5 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

20.21

2000000

1500000

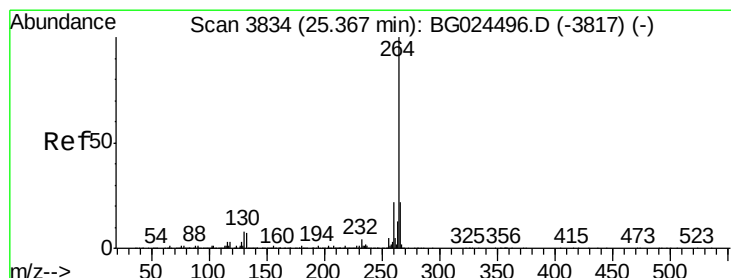
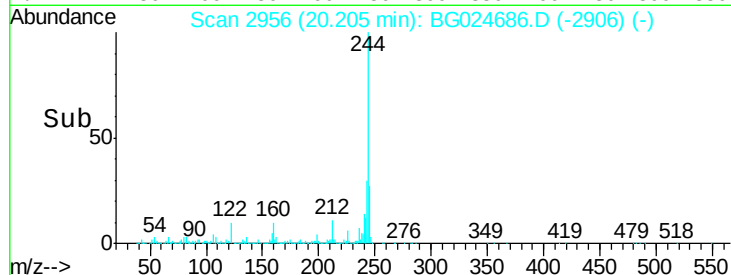
1000000

500000

0

Time-->

20.10 20.20 20.30



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.35 min Scan# 3831

Delta R.T. -0.02 min

Lab File: BG024686.D

Acq: 4 Nov 2016 21:56

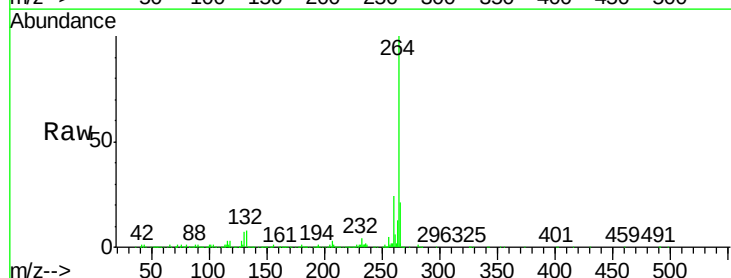
Tgt Ion:264 Resp: 996938

Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	21.3	18.2	27.4

264 100

260 23.6 21.8 32.8

265 21.3 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

25.35

400000

300000

200000

100000

0

Time-->

25.20 25.30 25.40

