

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024751.D
 Acq On : 8 Nov 2016 6:58
 Operator : UM/SJ
 Sample : PB94569BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94569BL

Quant Time: Nov 08 07:32:39 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	8.26	152	97620	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	377600	20.00	ng	-0.02
38) Acenaphthene-d10	14.88	164	292531	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	705866	20.00	ng	0.00
75) Chrysene-d12	21.91	240	1027542	20.00	ng	-0.02
86) Perylene-d12	25.34	264	1069266	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	731570	122.83	ng	0.00
7) Phenol-d6	7.40	99	1032990	126.43	ng	0.00
23) Nitrobenzene-d5	9.44	82	719756	86.79	ng	-0.02
41) 2,4,6-Tribromophenol	16.36	330	611727	139.97	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	1555808	88.40	ng	-0.02
78) Terphenyl-d14	20.20	244	2927147	85.12	ng	-0.02

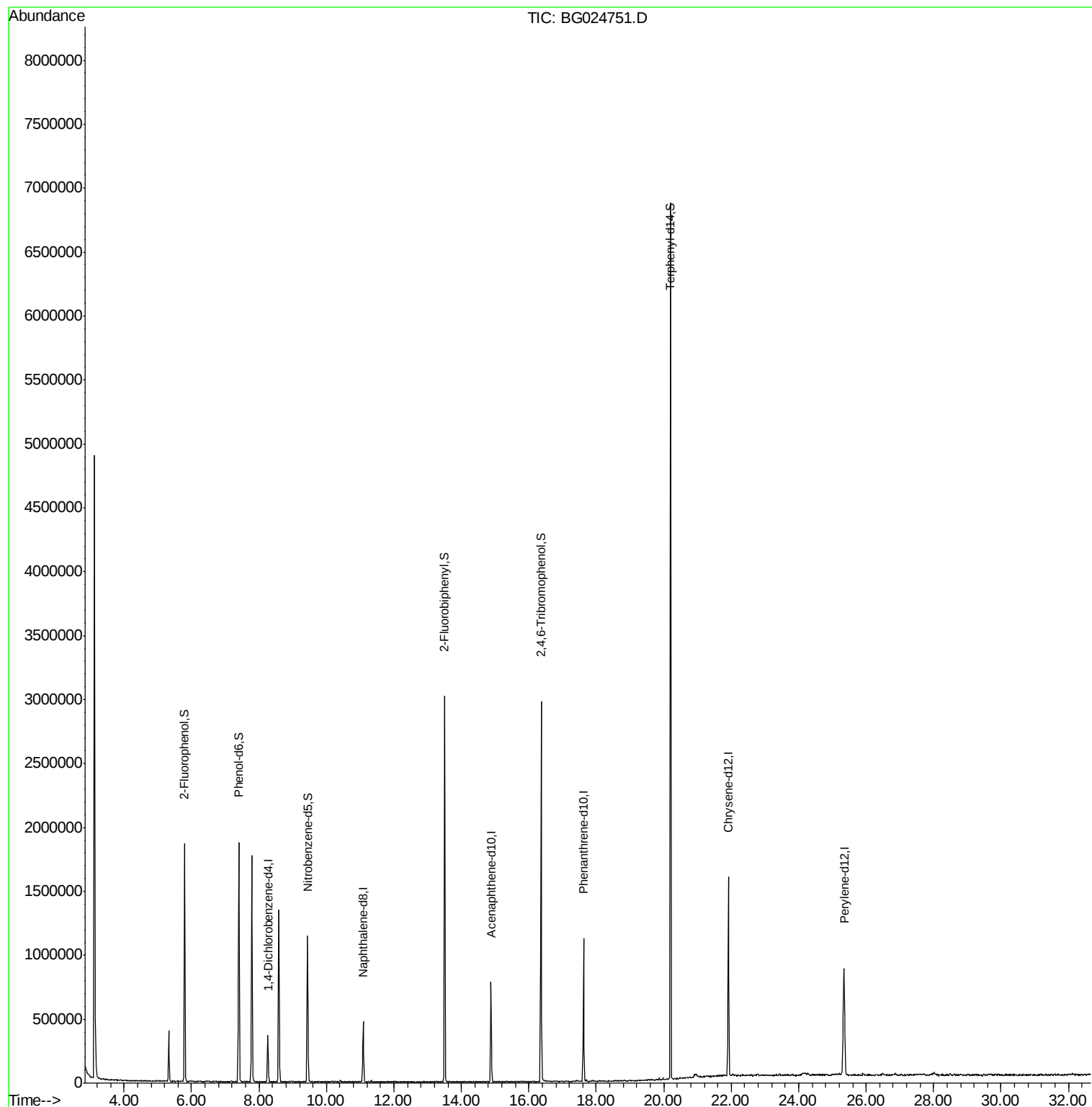
Target Compounds Qvalue

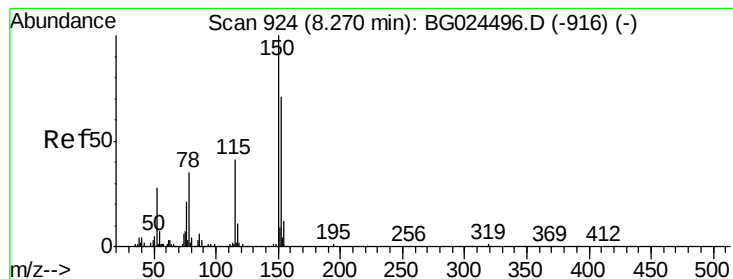
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG024751.D

Acq: 8 Nov 2016 6:58

Instrument :

BNA_G

ClientSampleId :

PB94569BL

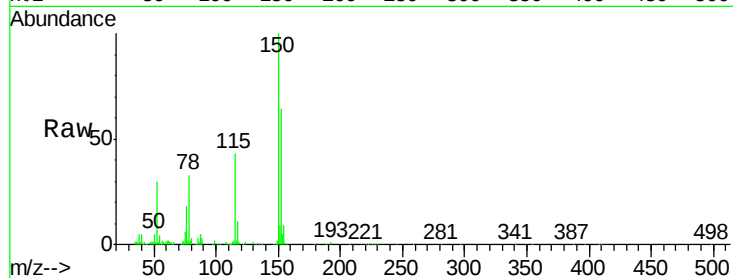
Tot Ion:152 Resp: 97620

Ion Ratio Lower Upper

152 100

150 157.0 114.0 171.0

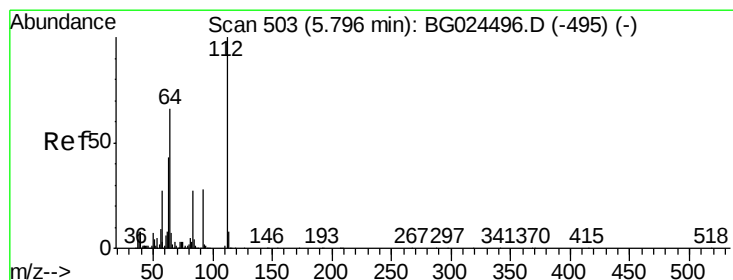
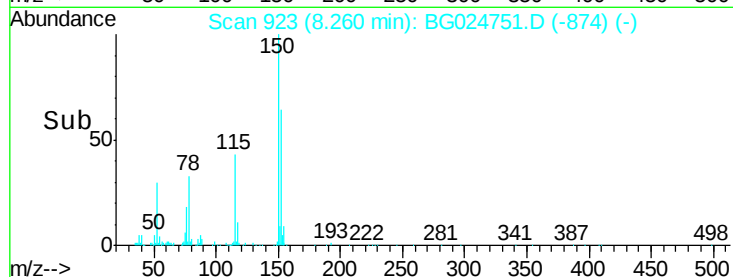
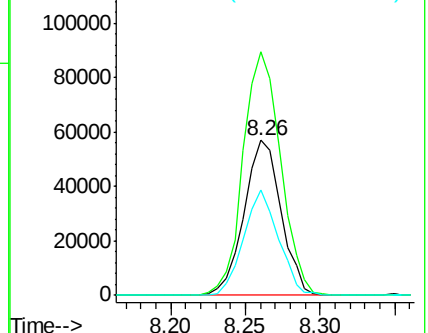
115 67.9 48.1 72.1



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



#5

2-Fluorophenol

Concen: 122.83 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024751.D

Acq: 8 Nov 2016 6:58

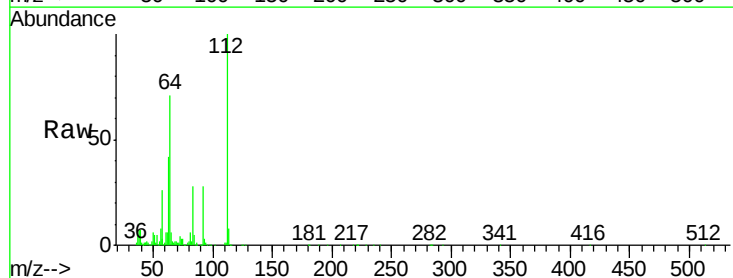
Tgt Ion:112 Resp: 731570

Ion Ratio Lower Upper

112 100

64 70.7 61.8 92.6

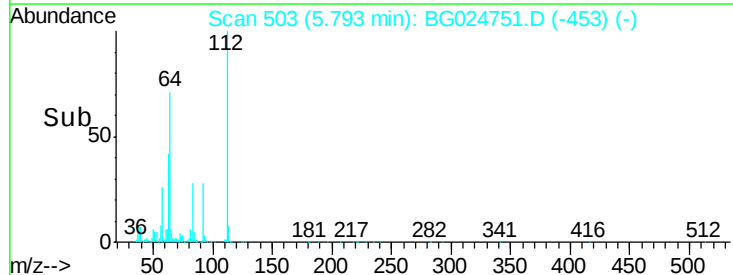
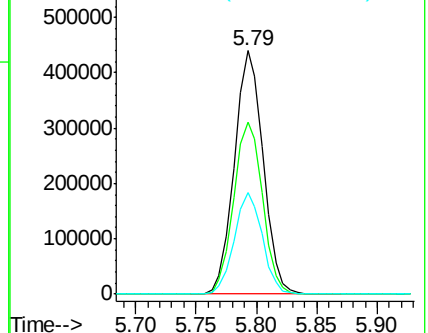
63 41.5 37.2 55.8

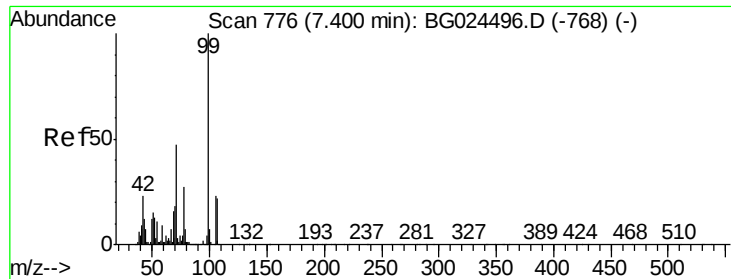


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 126.43 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024751.D

Acq: 8 Nov 2016 6:58

Instrument :

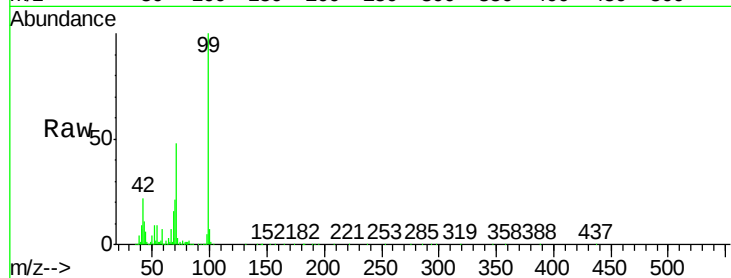
BNA_G

ClientSampleId :

PB94569BL

Tot Ion: 99 Resp: 1032990

Ion	Ratio	Lower	Upper
99	100		
42	21.5	20.5	30.7
71	48.1	37.6	56.4

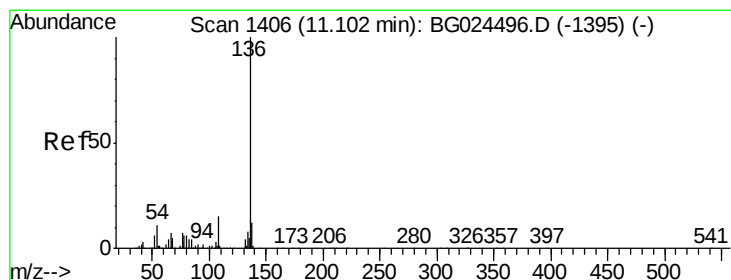
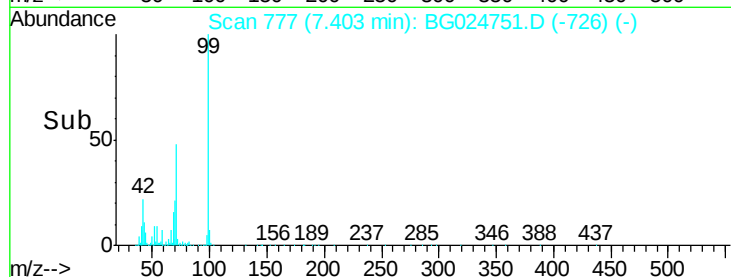
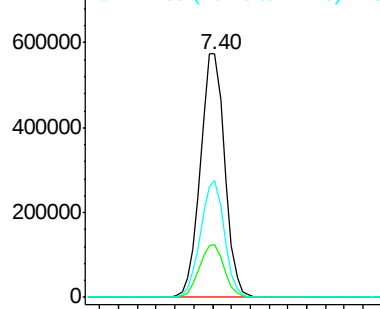


Abundance

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# 1404

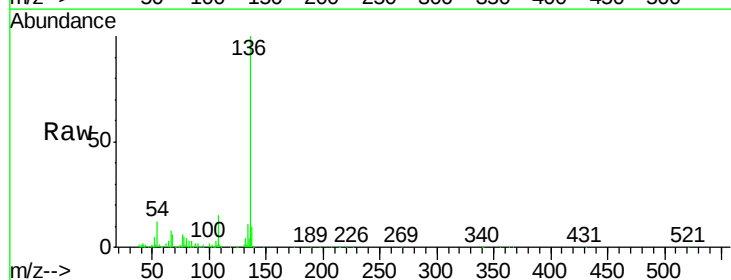
Delta R.T. -0.02 min

Lab File: BG024751.D

Acq: 8 Nov 2016 6:58

Tgt Ion: 136 Resp: 377600

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	11.6	9.3	13.9
68	5.7	5.1	7.7



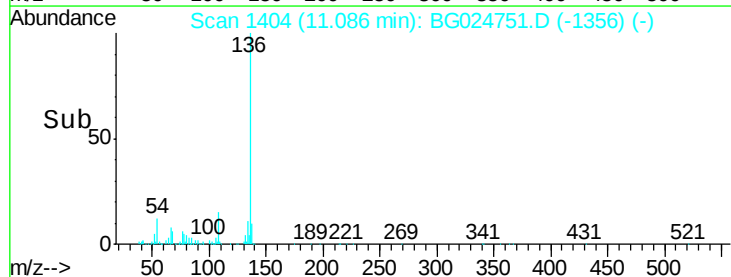
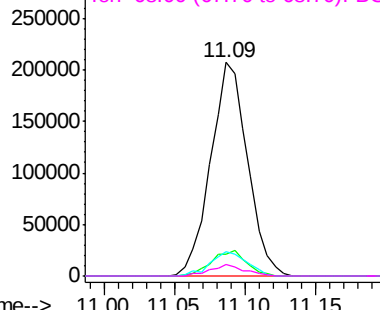
Abundance

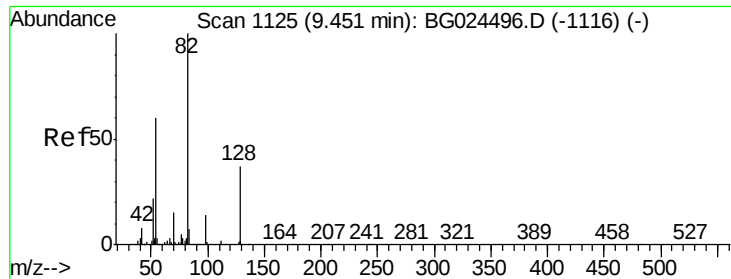
Ion 136.00 (135.70 to 136.70): BGC

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

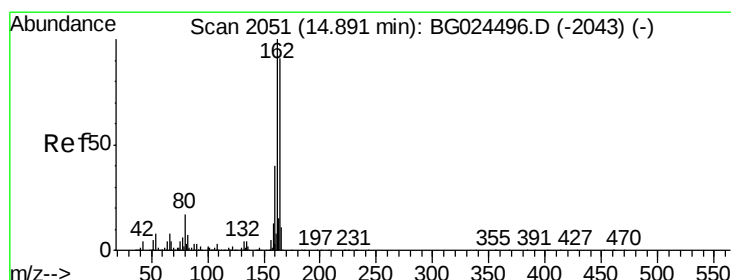
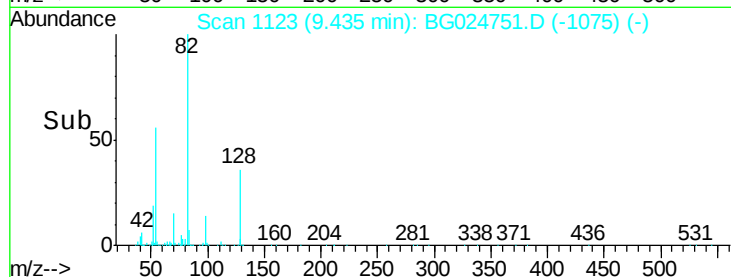
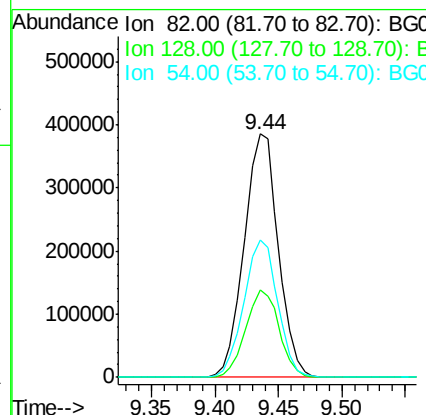
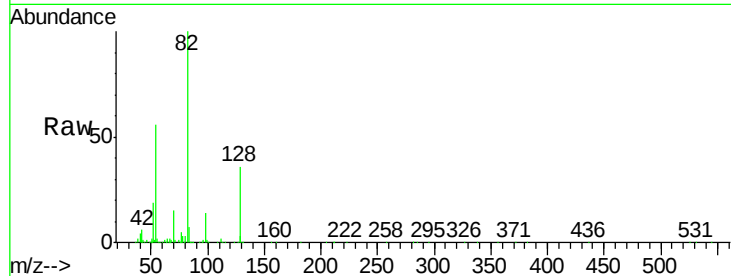




#23
Nitrobenzene-d5
Concen: 86.79 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BG024751.D
Acq: 8 Nov 2016 6:58

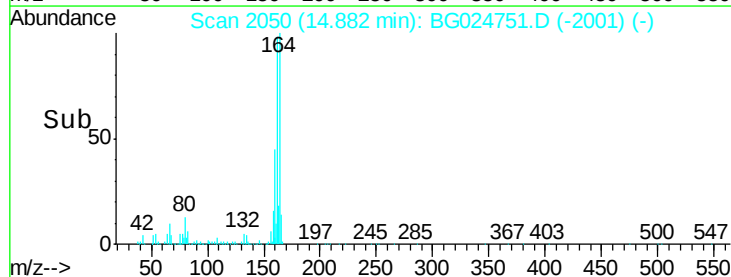
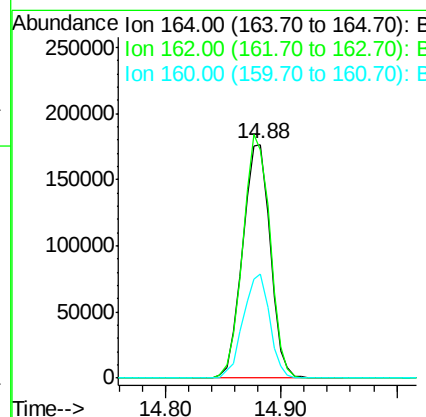
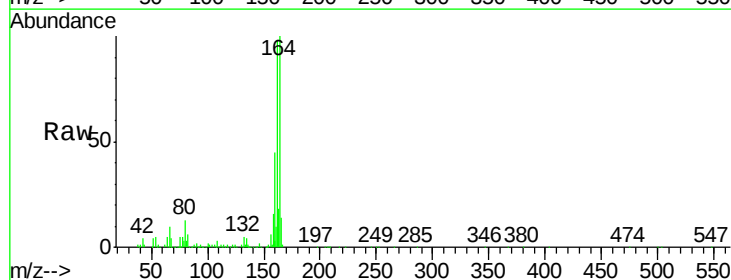
Instrument :
BNA_G
ClientSampleId :
PB94569BL

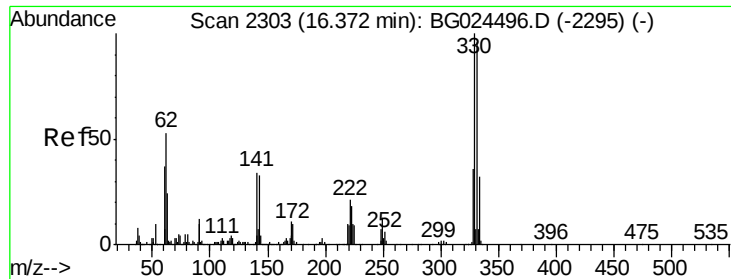
Tot Ion	82	Resp	719756
Ion Ratio	Lower	Upper	
82	100		
128	35.8	26.4	39.6
54	56.2	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024751.D
Acq: 8 Nov 2016 6:58

Tgt Ion	164	Resp	292531
Ion Ratio	Lower	Upper	
164	100		
162	97.5	85.1	127.7
160	44.7	34.7	52.1

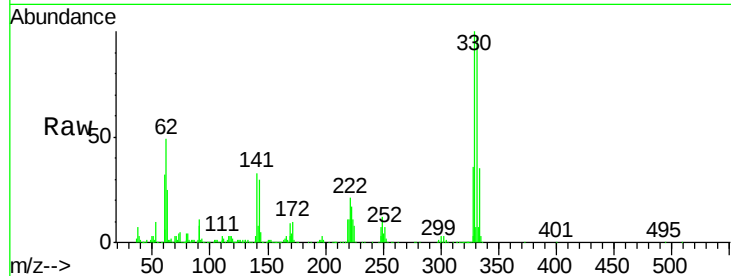




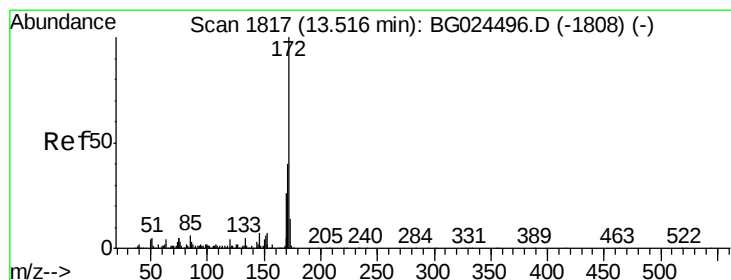
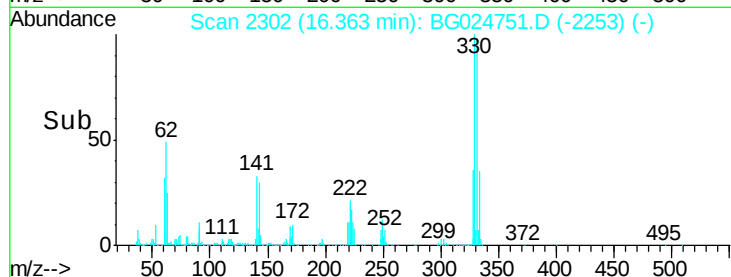
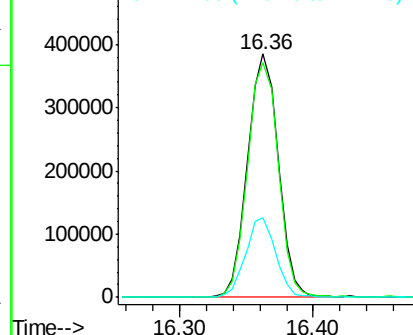
#41
2,4,6-Tribromophenol
Concen: 139.97 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024751.D
Acq: 8 Nov 2016 6:58

Instrument :
BNA_G
ClientSampleId :
PB94569BL

Tot Ion:330 Resp: 611727
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 32.2 32.1 48.1

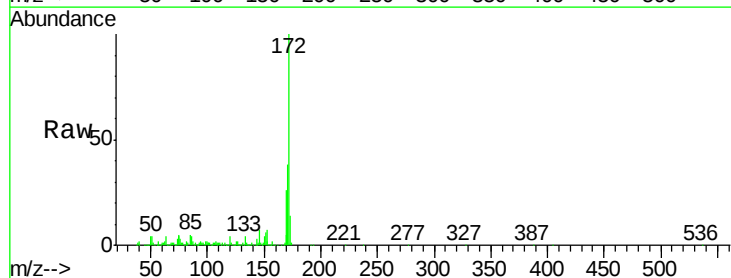


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

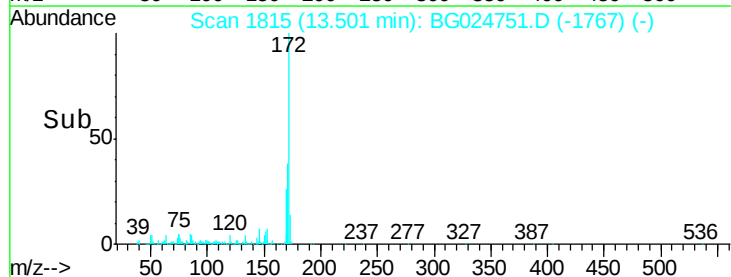
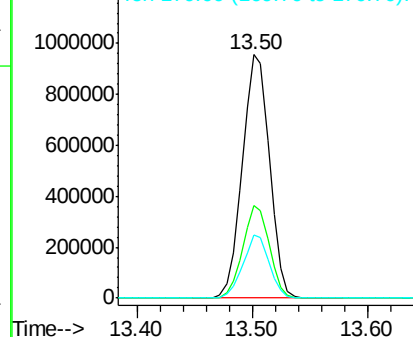


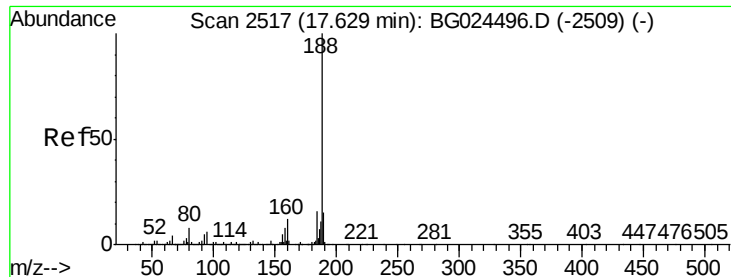
#44
2-Fluorobiphenyl
Concen: 88.40 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BG024751.D
Acq: 8 Nov 2016 6:58

Tgt Ion:172 Resp: 1555808
Ion Ratio Lower Upper
172 100
171 38.3 32.2 48.2
170 26.0 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

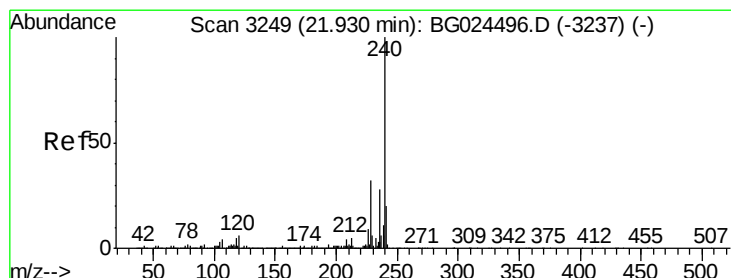
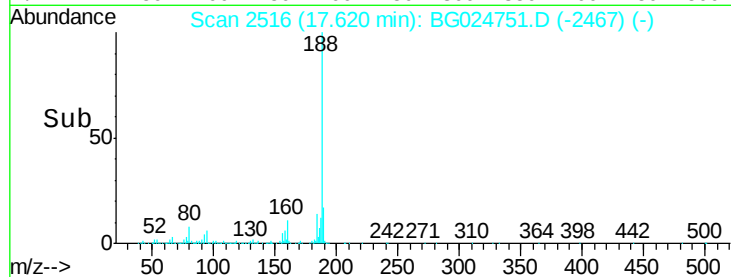
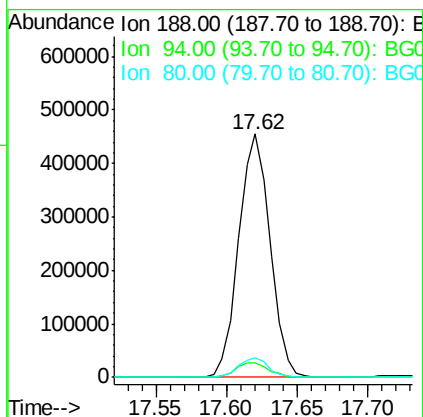
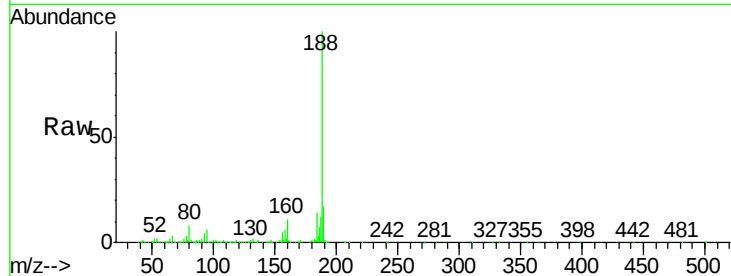




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024751.D
Acq: 8 Nov 2016 6:58

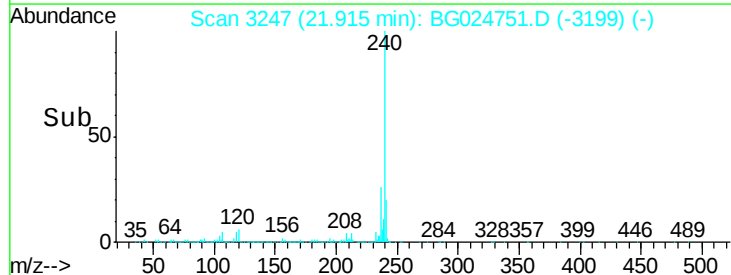
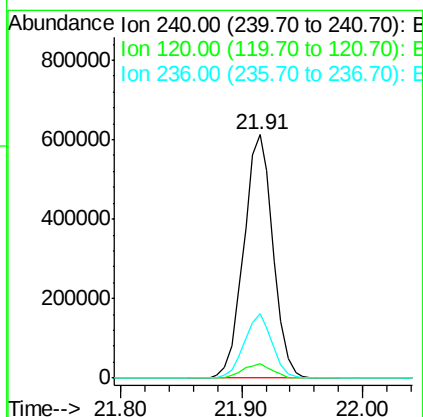
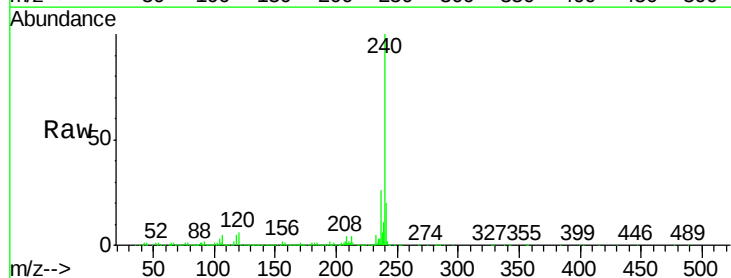
Instrument :
BNA_G
ClientSampleId :
PB94569BL

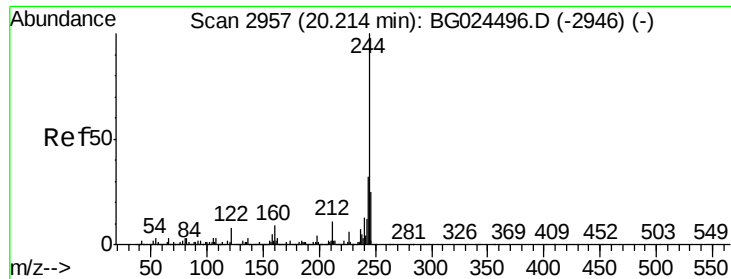
Tot Ion:188 Resp: 705866
Ion Ratio Lower Upper
188 100
94 6.2 5.8 8.8
80 8.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.91 min Scan# 3247
Delta R.T. -0.02 min
Lab File: BG024751.D
Acq: 8 Nov 2016 6:58

Tgt Ion:240 Resp: 1027542
Ion Ratio Lower Upper
240 100
120 5.9 5.7 8.5
236 26.2 22.2 33.4





#78

Terphenyl-d14

Concen: 85.12 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BG024751.D

Acq: 8 Nov 2016 6:58

Instrument :

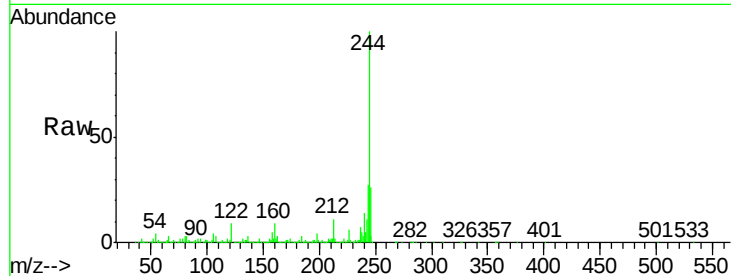
BNA_G

ClientSampleId :

PB94569BL

Tot Ion:244 Resp: 2927147

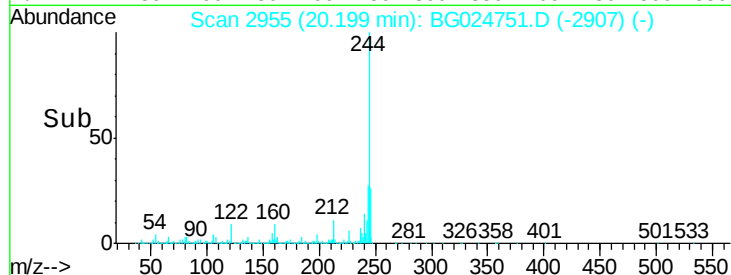
Ion	Ratio	Lower	Upper
244	100		
212	11.1	10.0	15.0
122	9.3	8.6	12.8



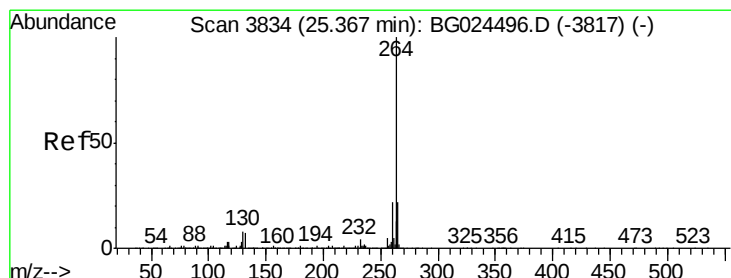
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.10 20.20 20.30



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.34 min Scan# 3830

Delta R.T. -0.03 min

Lab File: BG024751.D

Acq: 8 Nov 2016 6:58

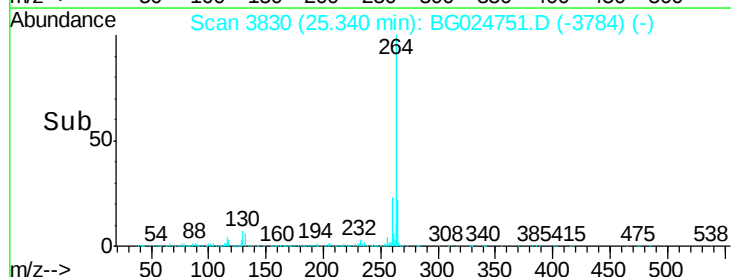
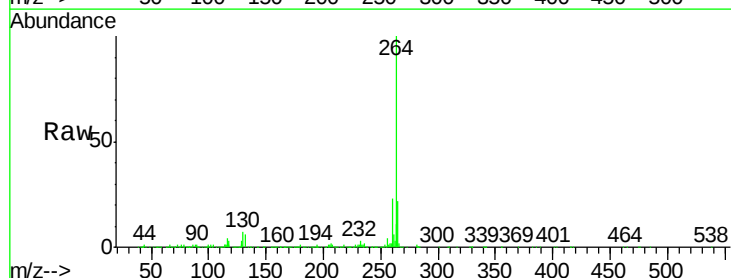
Tgt Ion:264 Resp: 1069266

Ion	Ratio	Lower	Upper
264	100		
260	22.7	21.8	32.8
265	22.1	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



Time--> 25.20 25.30 25.40