

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024742.D
 Acq On : 7 Nov 2016 23:37
 Operator : UM/SJ
 Sample : H5543-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-109-17.5-18.0

Quant Time: Nov 08 02:49:12 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

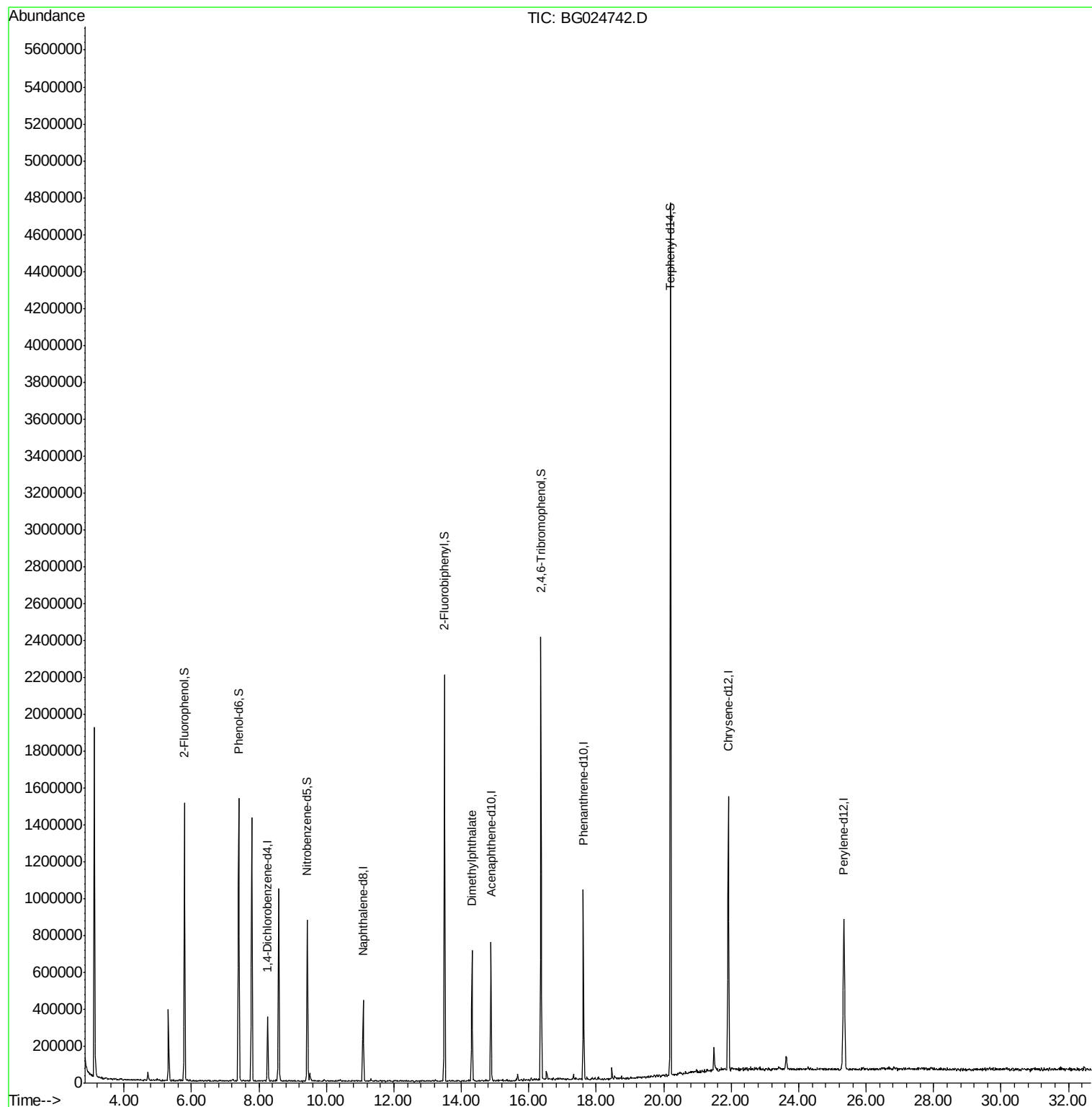
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	88848	20.00	ng	-0.01
21) Naphthalene-d8	11.08	136	352659	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	286675	20.00	ng	-0.02
63) Phenanthrene-d10	17.62	188	658221	20.00	ng	-0.01
75) Chrysene-d12	21.91	240	1003983	20.00	ng	-0.02
86) Perylene-d12	25.33	264	1054176	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	593927	109.56	ng	0.00
7) Phenol-d6	7.40	99	827529	111.29	ng	0.00
23) Nitrobenzene-d5	9.43	82	567819	73.31	ng	-0.02
41) 2,4,6-Tribromophenol	16.36	330	483423	112.88	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	1144222	66.34	ng	-0.02
78) Terphenyl-d14	20.20	244	2117388	63.02	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.32	163	427154	20.99	ng	# 93

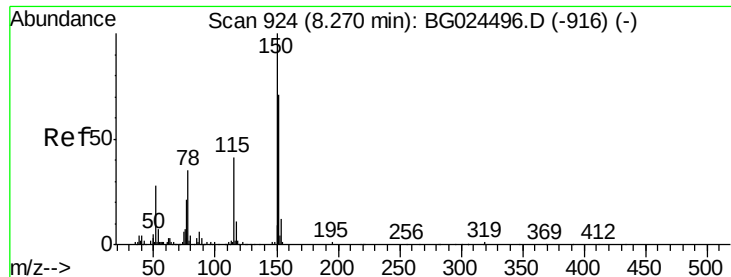
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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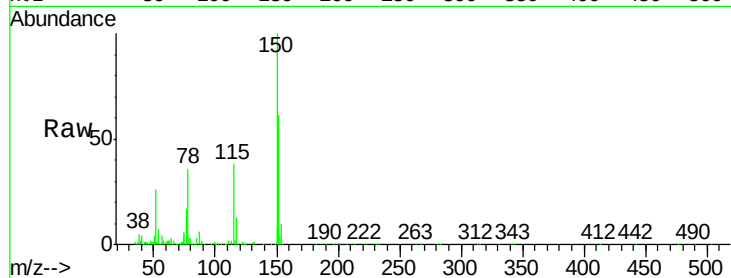


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG024742.D
Acq: 7 Nov 2016 23:37

Instrument :
BNA_G
ClientSampleId :
SB-109-17.5-18.0

Tot Ion	152	Resp	88848
Ion Ratio	Lower	Upper	
152	100		
150	164.7	114.0	171.0
115	62.6	48.1	72.1

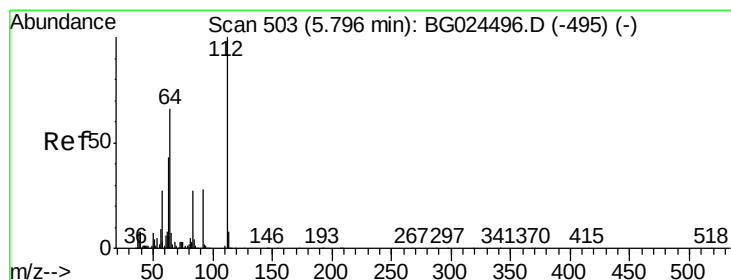
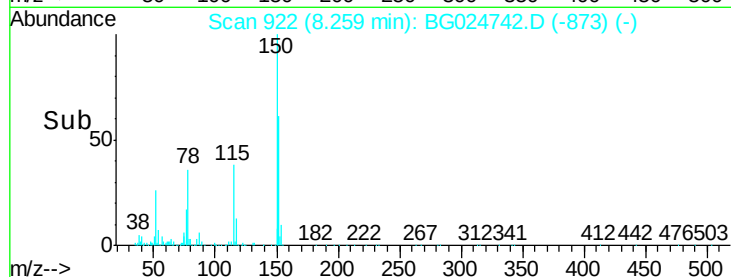
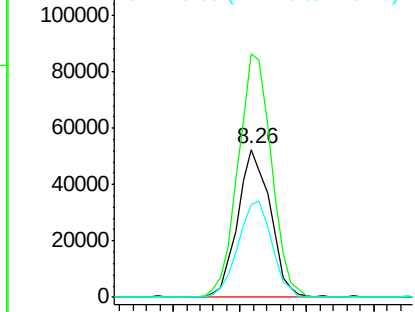


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

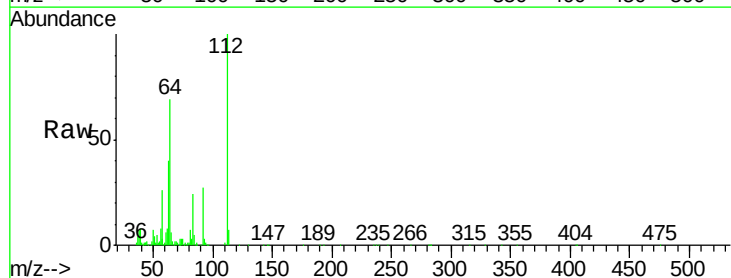
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.56 ng
RT: 5.79 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG024742.D
Acq: 7 Nov 2016 23:37

Tgt Ion	112	Resp	593927
Ion Ratio	Lower	Upper	
112	100		
64	69.4	61.8	92.6
63	40.1	37.2	55.8

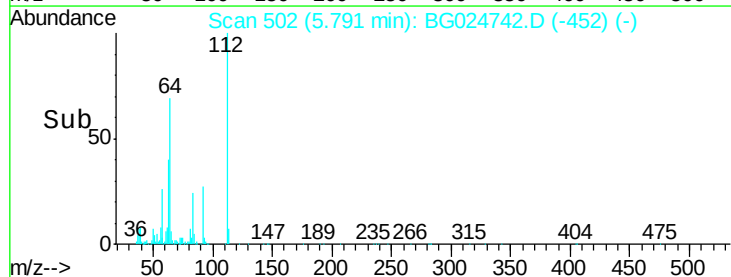
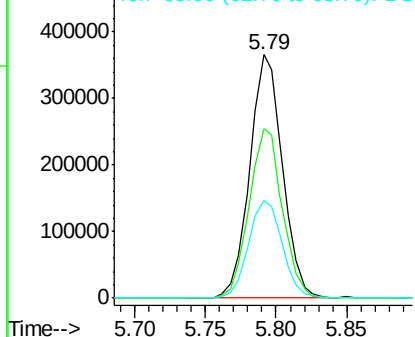


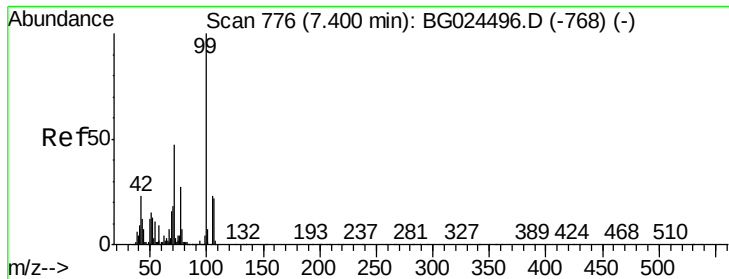
Abundance

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: 111.29 ng

RT: 7.40 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG024742.D

Acq: 7 Nov 2016 23:37

Instrument :

BNA_G

ClientSampleId :

SB-109-17.5-18.0

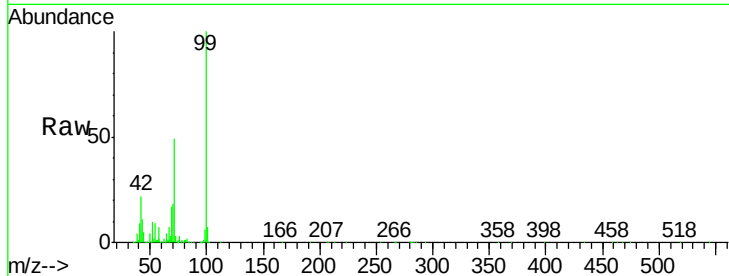
Tot Ion: 99 Resp: 827529

Ion Ratio Lower Upper

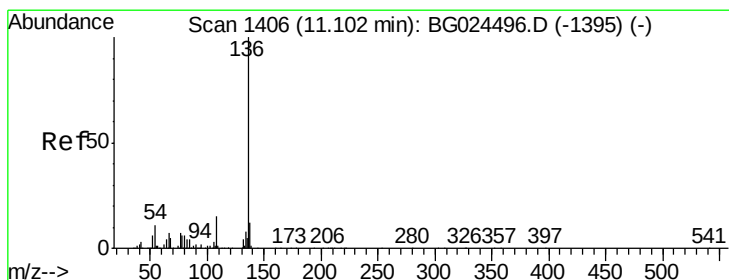
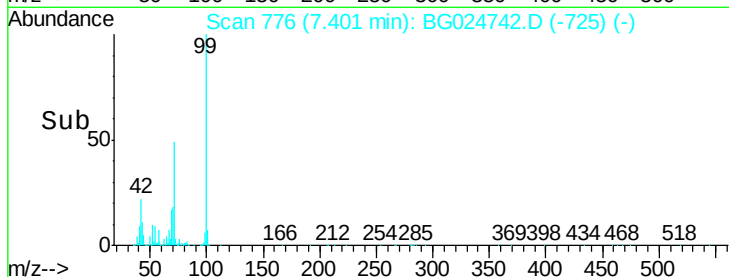
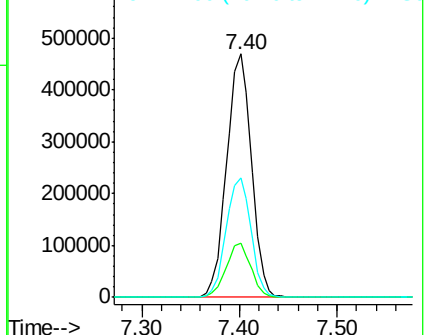
99 100

42 22.2 20.5 30.7

71 49.1 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: 11.08 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BG024742.D

Acq: 7 Nov 2016 23:37

Tgt Ion: 136 Resp: 352659

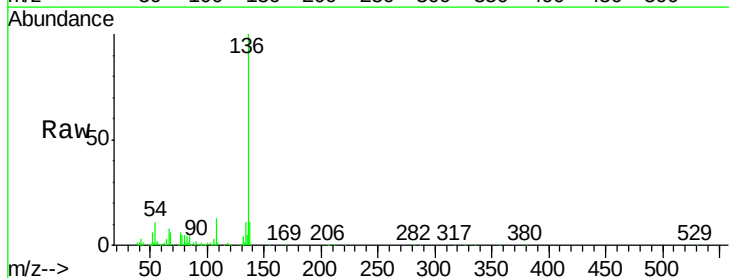
Ion Ratio Lower Upper

136 100

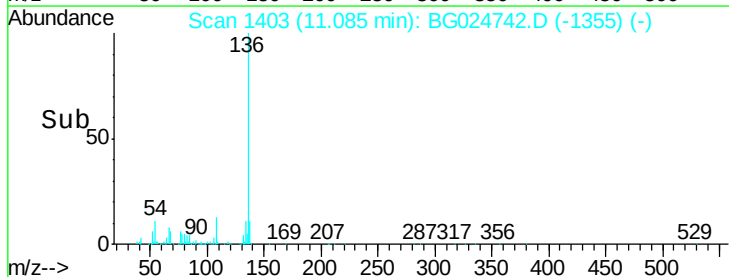
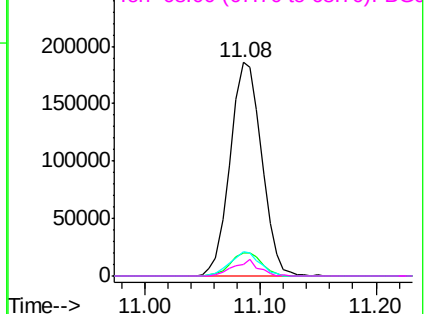
137 11.0 8.9 13.3

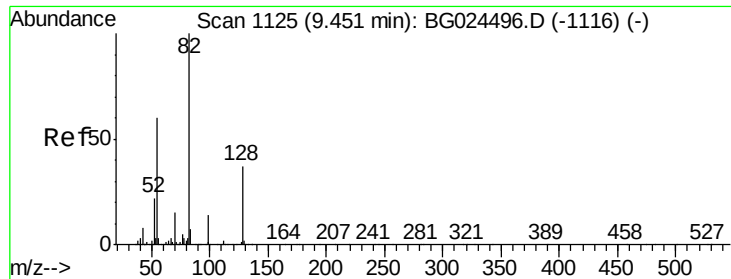
54 11.2 9.3 13.9

68 5.6 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

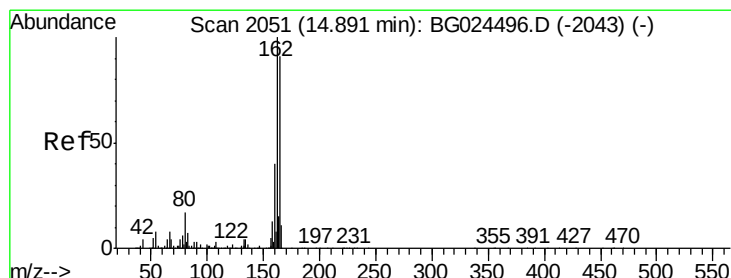
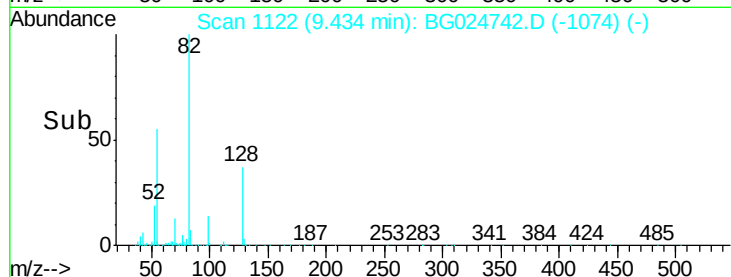
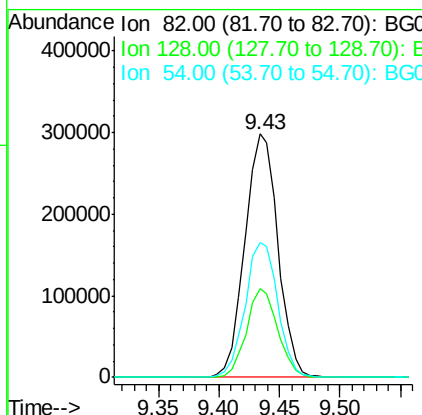
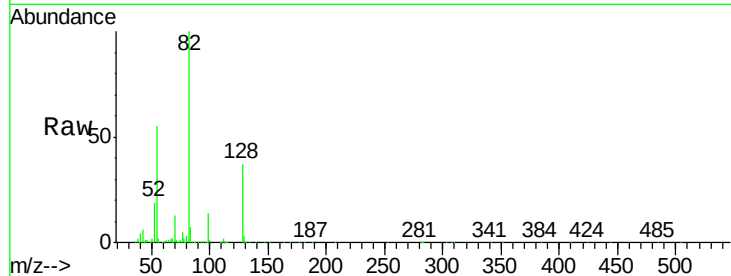




#23
 Nitrobenzene-d5
 Concen: 73.31 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.02 min
 Lab File: BG024742.D
 Acq: 7 Nov 2016 23:37

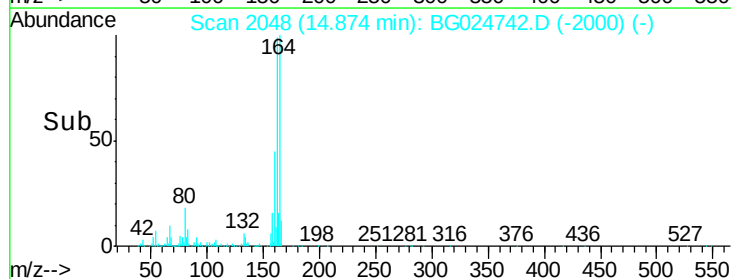
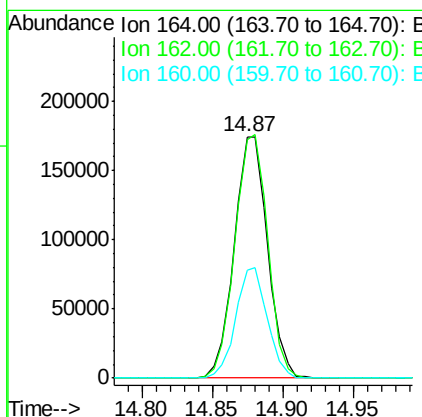
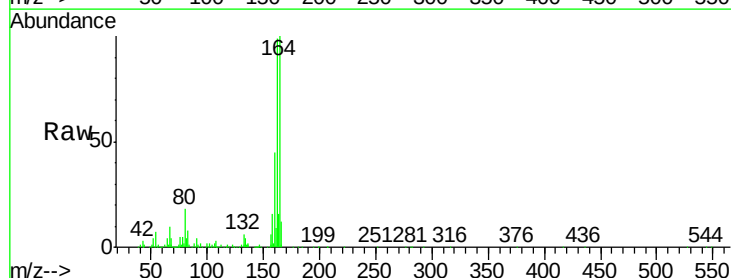
Instrument :
 BNA_G
 ClientSampleId :
 SB-109-17.5-18.0

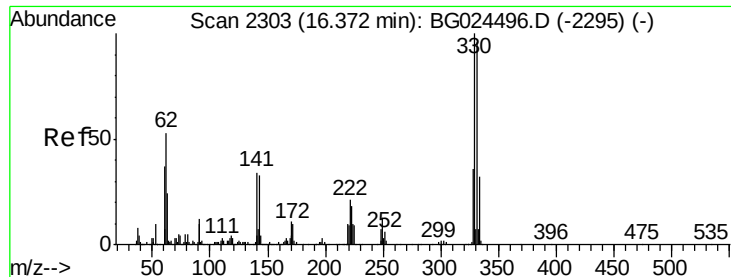
Tot Ion	82	Resp	567819
Ion Ratio	Lower	Upper	
82	100		
128	36.6	26.4	39.6
54	55.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG024742.D
 Acq: 7 Nov 2016 23:37

Tgt Ion	164	Resp	286675
Ion Ratio	Lower	Upper	
164	100		
162	98.9	85.1	127.7
160	44.8	34.7	52.1

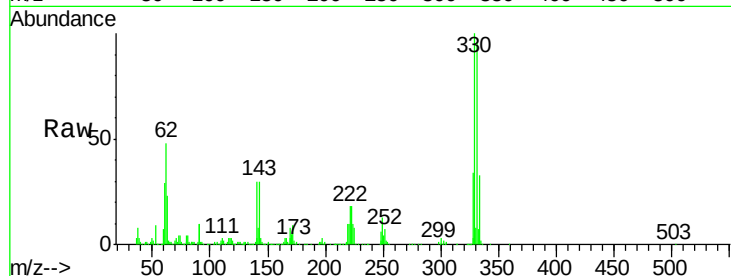




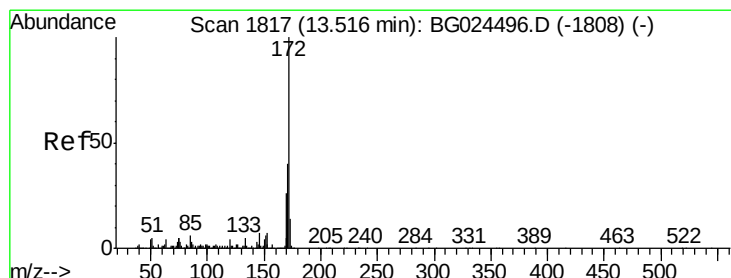
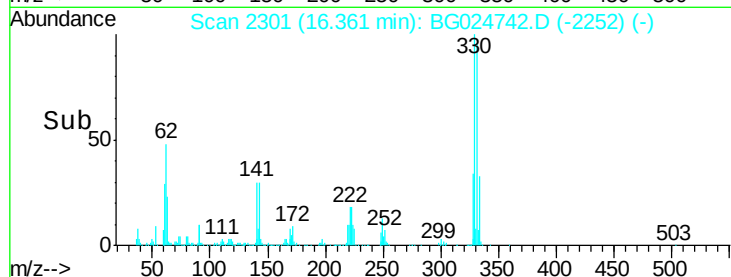
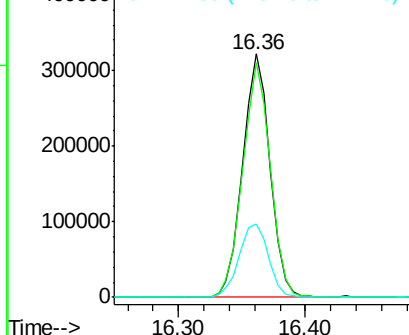
#41
2,4,6-Tribromophenol
Concen: 112.88 ng
RT: 16.36 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG024742.D
Acq: 7 Nov 2016 23:37

Instrument :
BNA_G
ClientSampleId :
SB-109-17.5-18.0

Tot Ion:330 Resp: 483423
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 31.9 32.1 48.1#

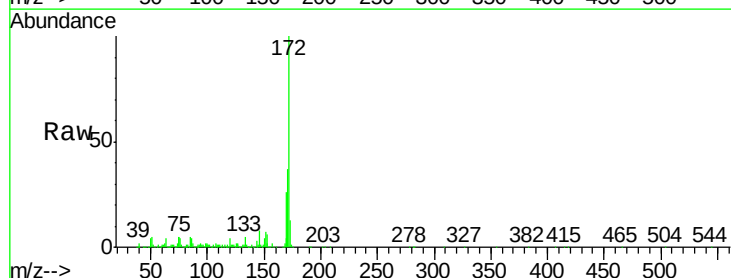


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

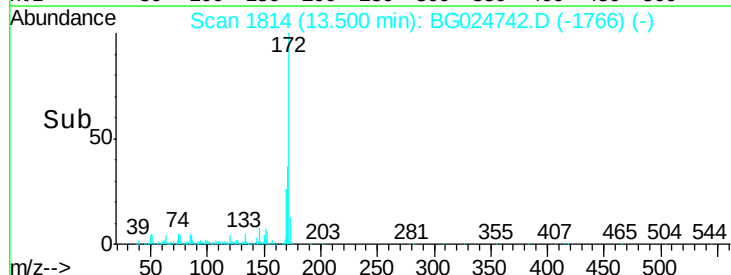
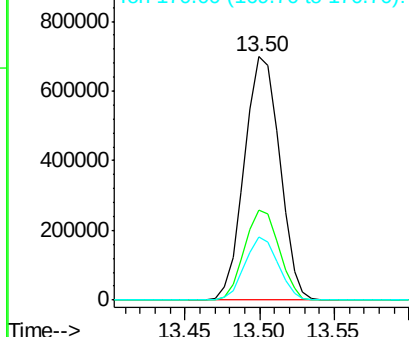


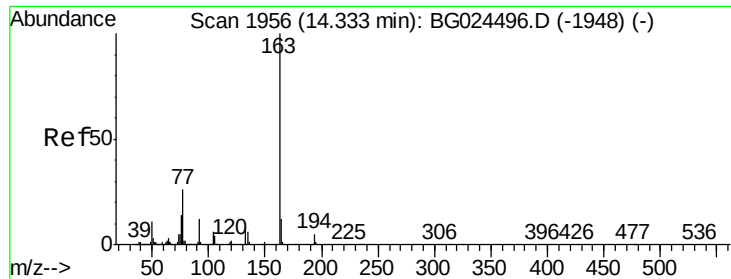
#44
2-Fluorobiphenyl
Concen: 66.34 ng
RT: 13.50 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BG024742.D
Acq: 7 Nov 2016 23:37

Tgt Ion:172 Resp: 1144222
Ion Ratio Lower Upper
172 100
171 37.2 32.2 48.2
170 25.9 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





#49

Dimethylphthalate

Concen: 20.99 ng

RT: 14.32 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG024742.D

Acq: 7 Nov 2016 23:37

Instrument :

BNA_G

ClientSampleId :

SB-109-17.5-18.0

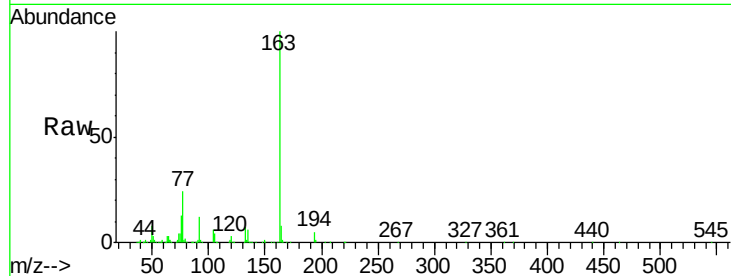
Tot Ion:163 Resp: 427154

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.6

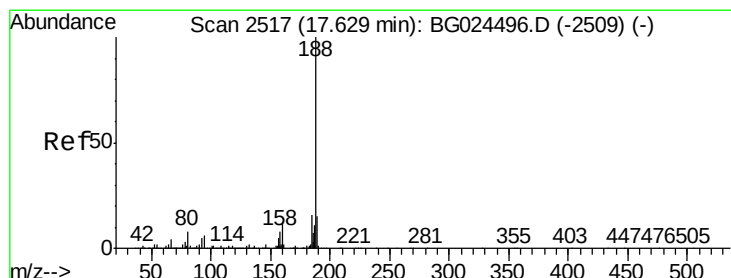
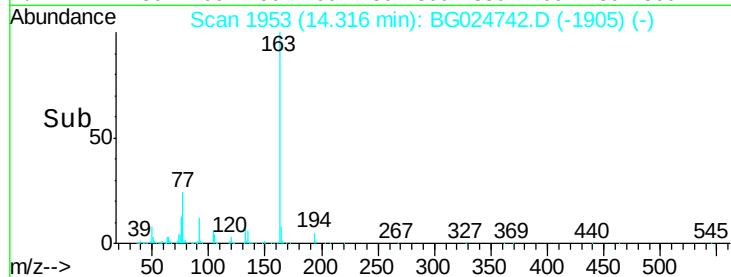
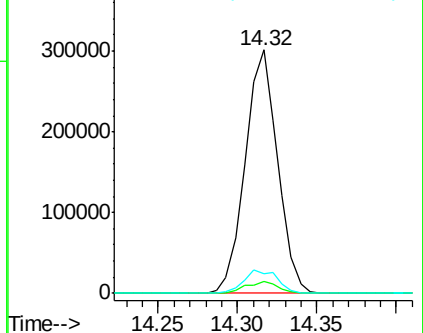
164 8.2 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG024742.D

Acq: 7 Nov 2016 23:37

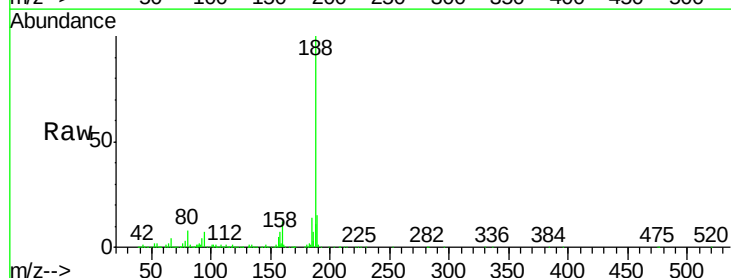
Tgt Ion:188 Resp: 658221

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

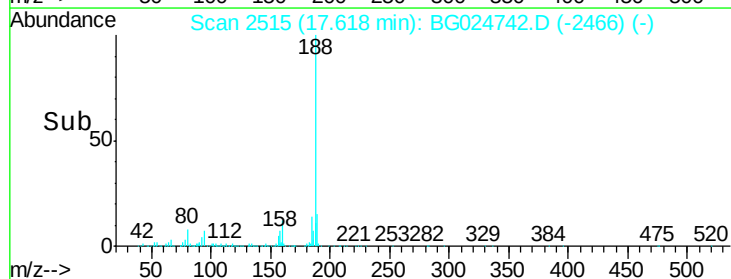
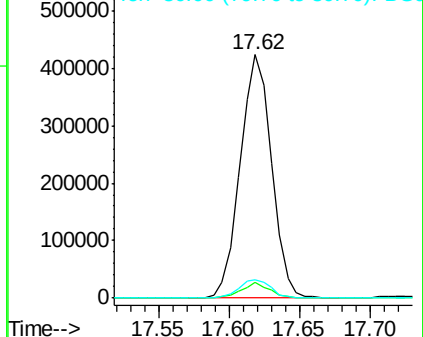
80 7.8 7.5 11.3

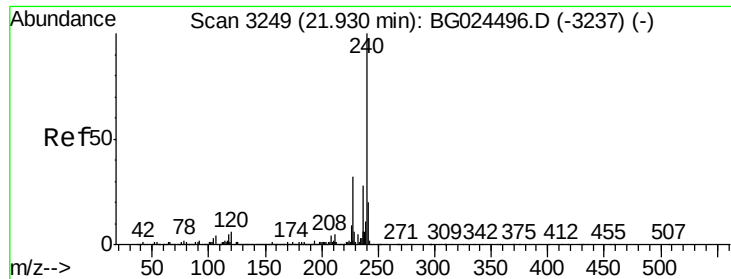


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.91 min Scan# 3246

Delta R.T. -0.02 min

Lab File: BG024742.D

Acq: 7 Nov 2016 23:37

Instrument :

BNA_G

ClientSampleId :

SB-109-17.5-18.0

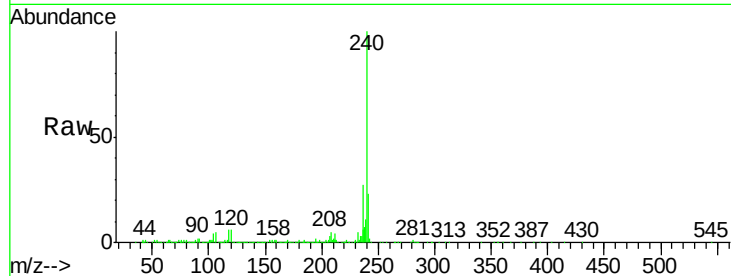
Tot Ion:240 Resp: 1003983

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

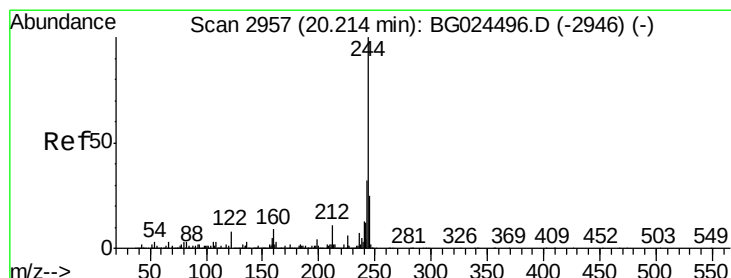
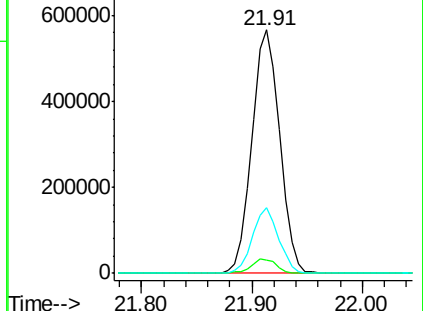
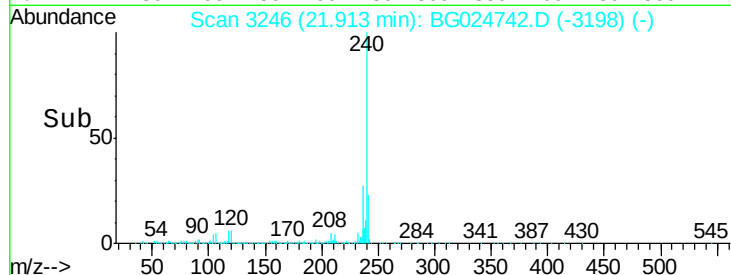
236 27.0 22.2 33.4



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: 63.02 ng

RT: 20.20 min Scan# 2954

Delta R.T. -0.02 min

Lab File: BG024742.D

Acq: 7 Nov 2016 23:37

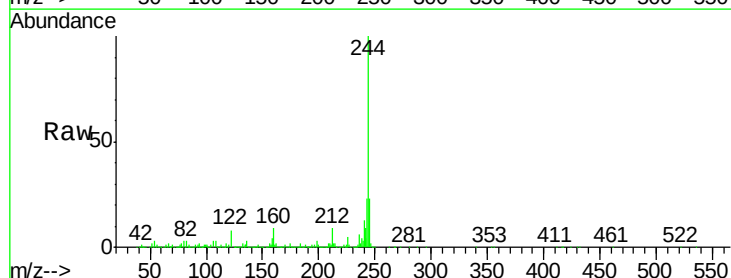
Tgt Ion:244 Resp: 2117388

Ion Ratio Lower Upper

244 100

212 8.8 10.0 15.0#

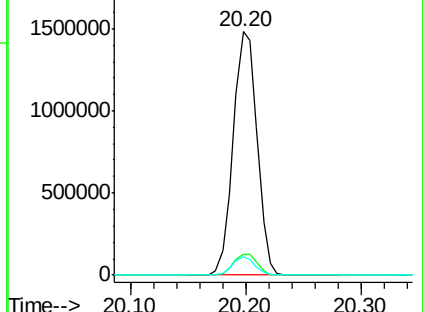
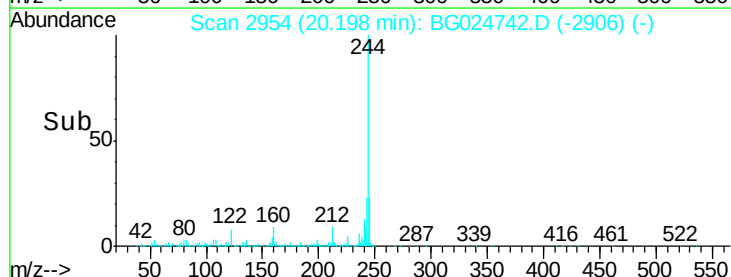
122 7.7 8.6 12.8#

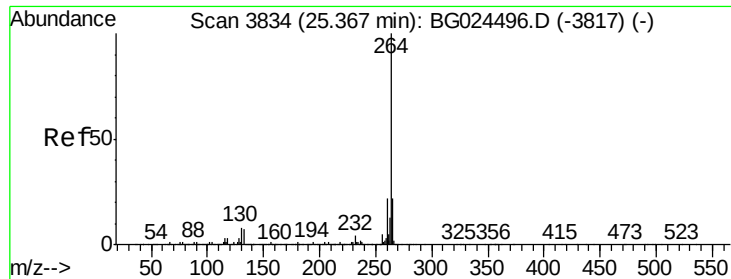


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.33 min Scan# 3828
 Delta R.T. -0.03 min
 Lab File: BG024742.D
 Acq: 7 Nov 2016 23:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-109-17.5-18.0

Tot Ion:264 Resp: 1054176

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.8	32.8
265	21.9	18.2	27.4

