

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024717.D
 Acq On : 5 Nov 2016 17:51
 Operator : UM/SJ
 Sample : H5527-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP-110216

Quant Time: Nov 06 23:49:53 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

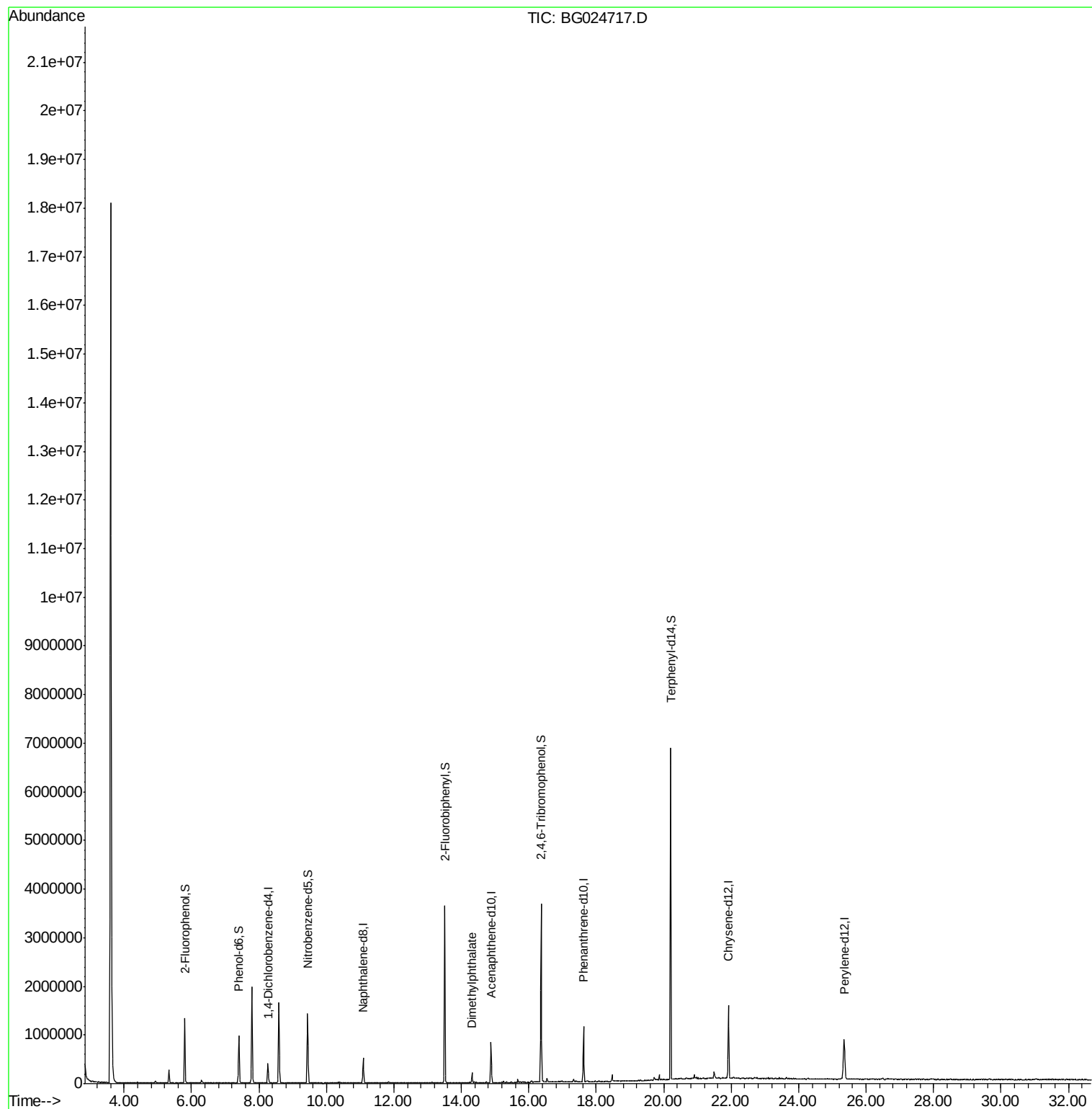
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	108828	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	409610	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	315194	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	741917	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1016545	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1063161	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	535604	80.66	ng	0.00
7) Phenol-d6	7.40	99	530130	58.20	ng	0.00
23) Nitrobenzene-d5	9.44	82	893659	99.33	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	728127	154.63	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1820191	95.98	ng	0.00
78) Terphenyl-d14	20.21	244	2840912	83.51	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	130347	5.83	ng	Qvalue # 94

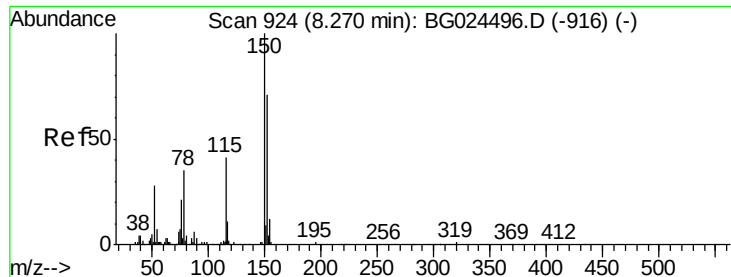
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024717.D

Acq: 5 Nov 2016 17:51

Instrument :

BNA_G

ClientSampleId :

DUP-110216

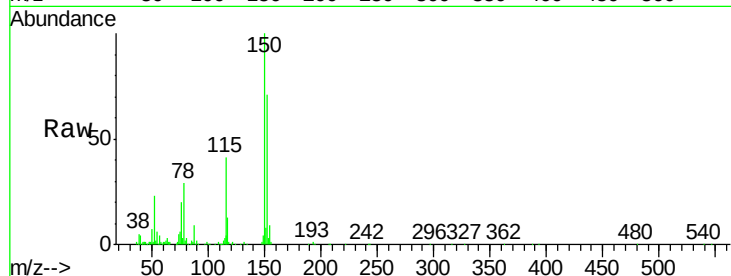
Tot Ion:152 Resp: 108828

Ion Ratio Lower Upper

152 100

150 141.8 114.0 171.0

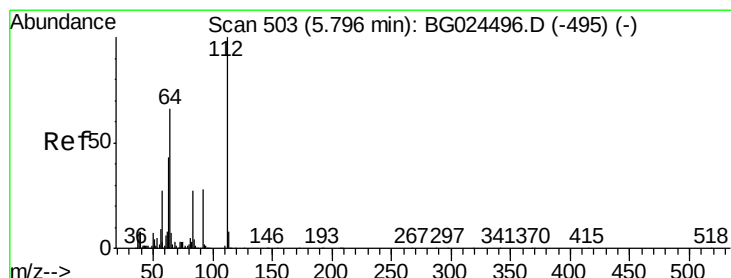
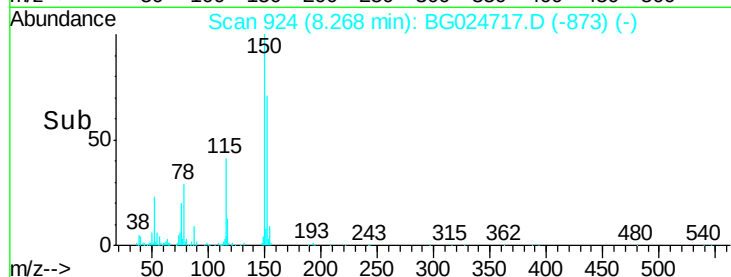
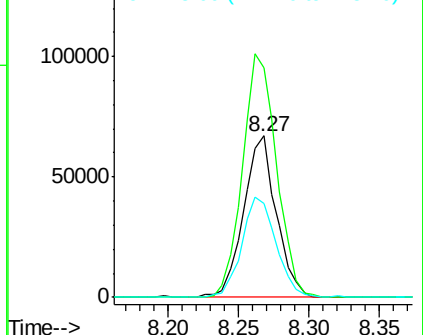
115 58.2 48.1 72.1



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: 80.66 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024717.D

Acq: 5 Nov 2016 17:51

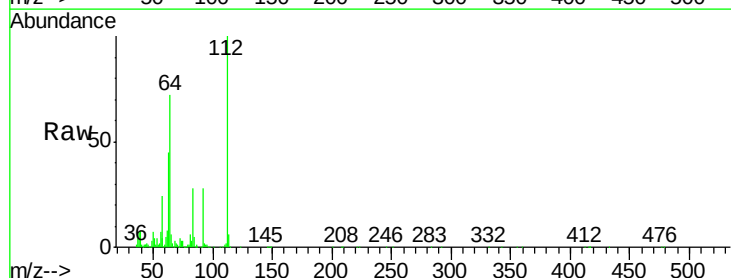
Tgt Ion:112 Resp: 535604

Ion Ratio Lower Upper

112 100

64 71.5 61.8 92.6

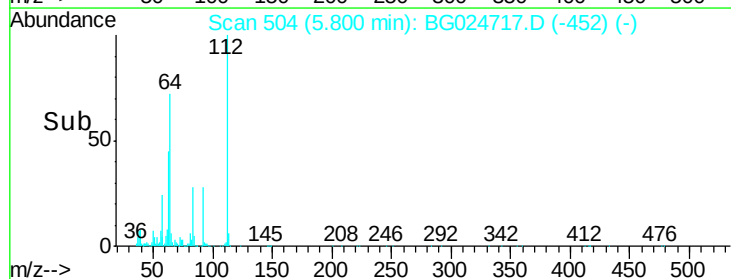
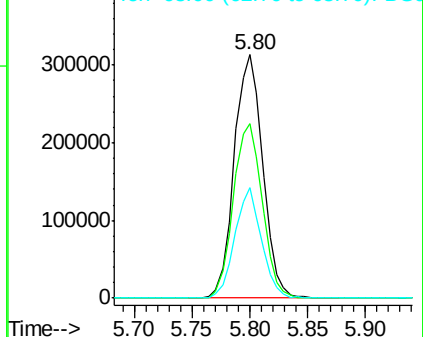
63 45.2 37.2 55.8

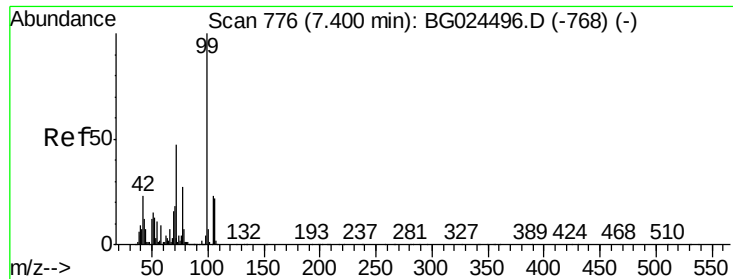


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 58.20 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024717.D

Acq: 5 Nov 2016 17:51

Instrument :

BNA_G

ClientSampleId :

DUP-110216

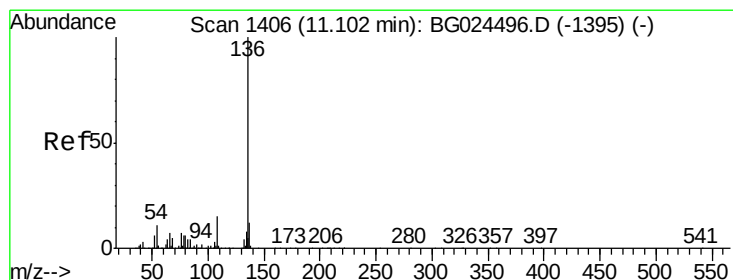
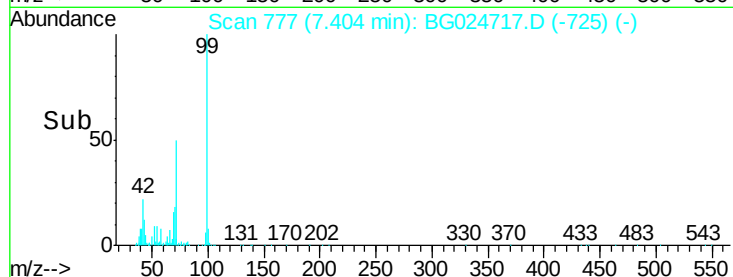
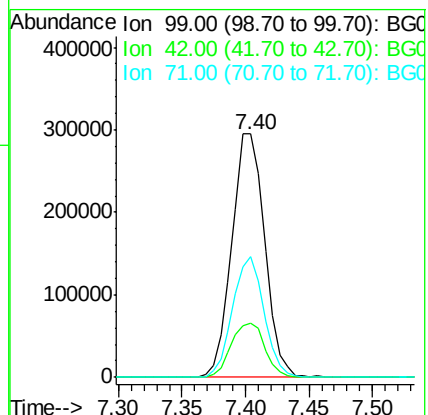
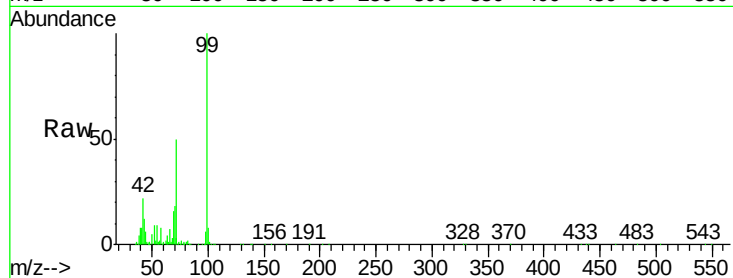
Tot Ion: 99 Resp: 530130

Ion Ratio Lower Upper

99 100

42 22.3 20.5 30.7

71 49.6 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024717.D

Acq: 5 Nov 2016 17:51

Tgt Ion: 136 Resp: 409610

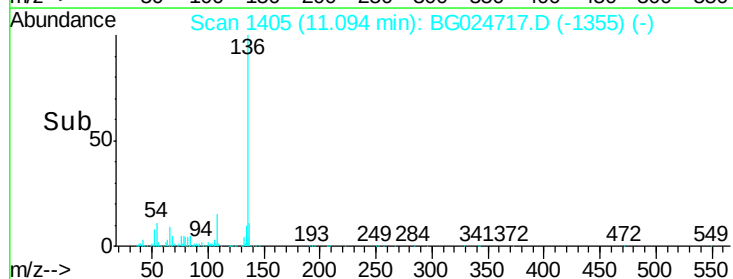
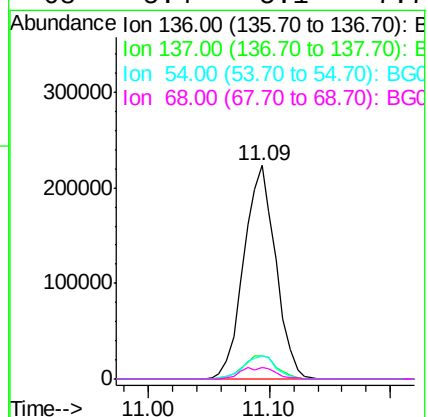
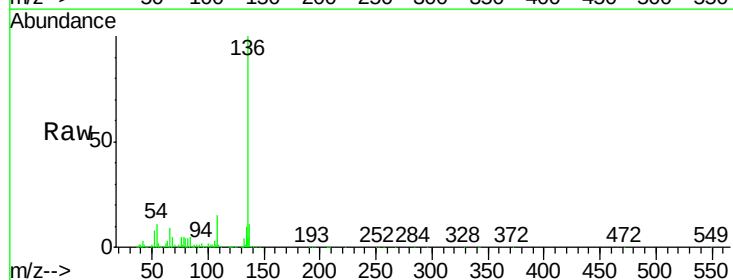
Ion Ratio Lower Upper

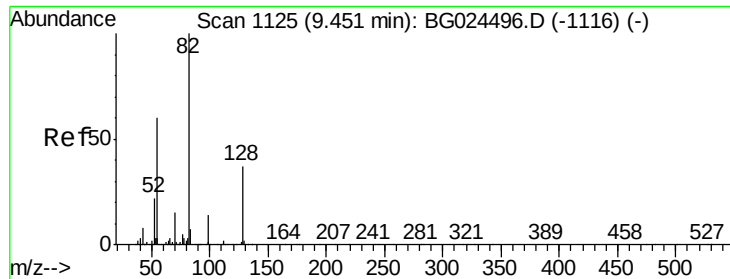
136 100

137 10.7 8.9 13.3

54 10.8 9.3 13.9

68 5.4 5.1 7.7

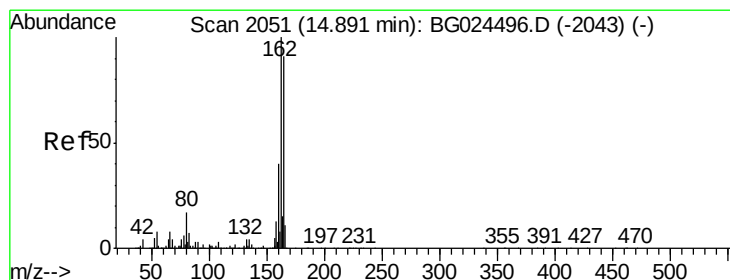
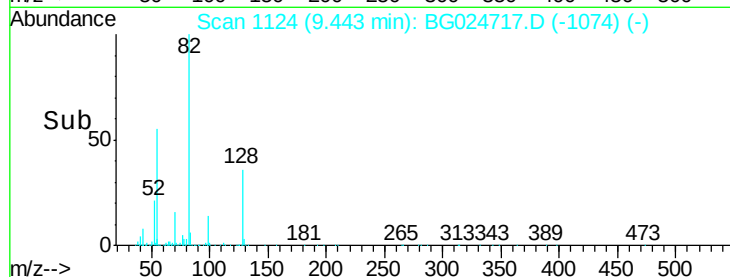
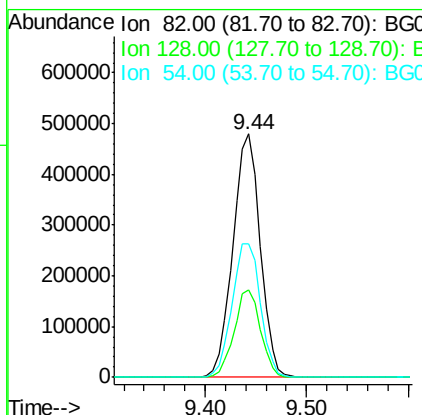
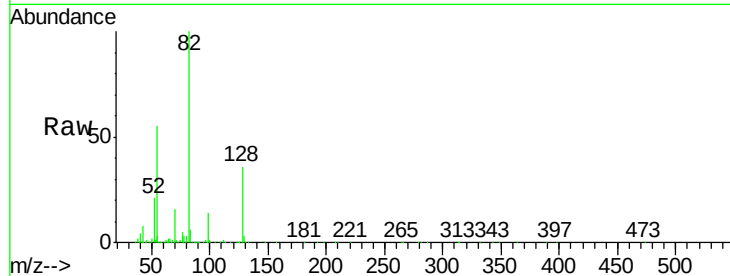




#23
 Nitrobenzene-d5
 Concen: 99.33 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024717.D
 Acq: 5 Nov 2016 17:51

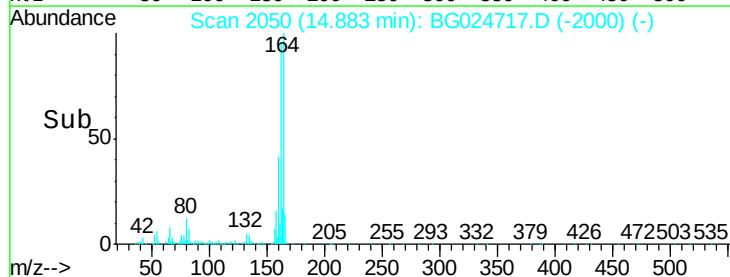
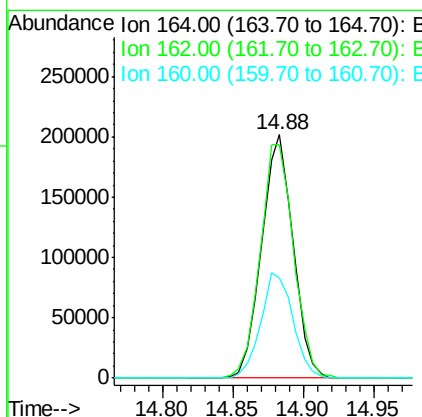
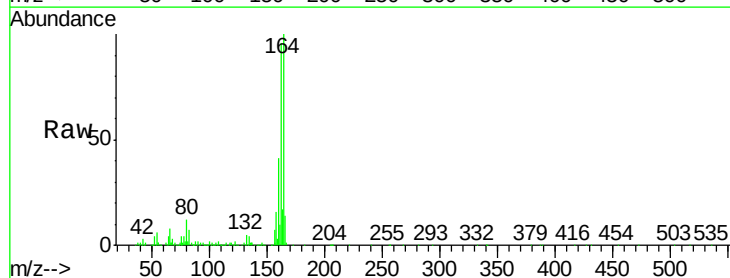
Instrument :
 BNA_G
 ClientSampleId :
 DUP-110216

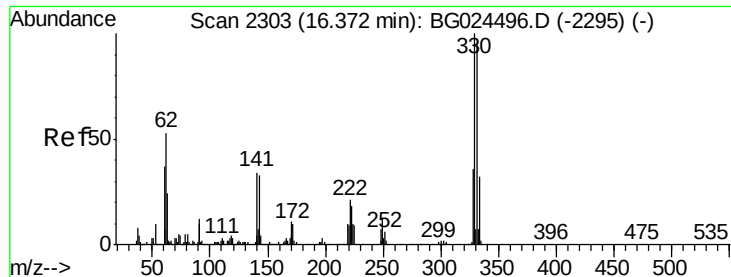
Tot Ion	82	Resp	893659
Ion Ratio	Lower	Upper	
82	100		
128	36.1	26.4	39.6
54	54.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024717.D
 Acq: 5 Nov 2016 17:51

Tgt Ion	164	Resp	315194
Ion Ratio	Lower	Upper	
164	100		
162	96.1	85.1	127.7
160	41.1	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 154.63 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024717.D

Acq: 5 Nov 2016 17:51

Instrument :

BNA_G

ClientSampleId :

DUP-110216

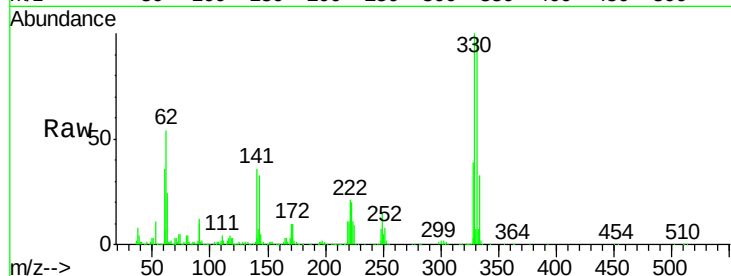
Tot Ion:330 Resp: 728127

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	33.8	32.1	48.1

330 100

332 97.8 77.3 115.9

141 33.8 32.1 48.1

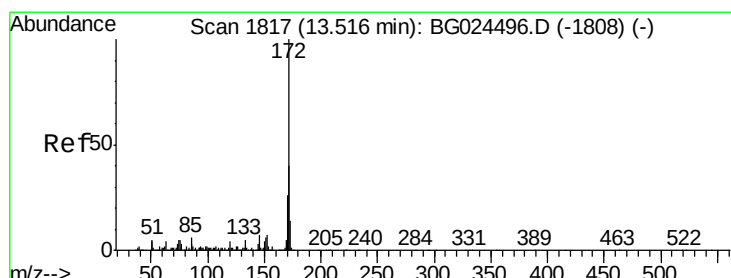
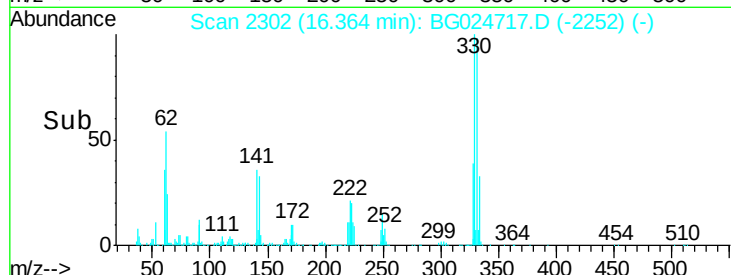
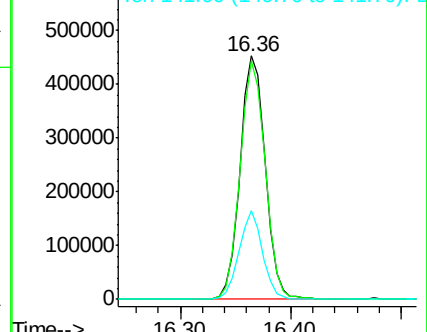


Abundance

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: 95.98 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024717.D

Acq: 5 Nov 2016 17:51

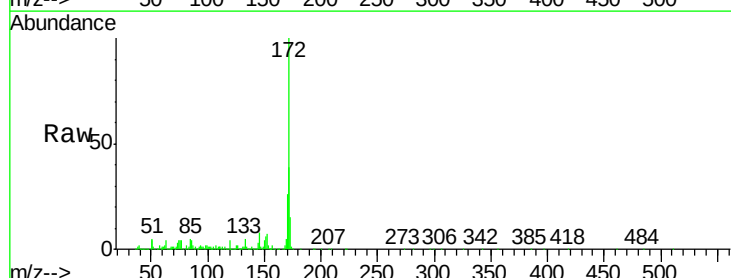
Tgt Ion:172 Resp: 1820191

Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.2	48.2
170	25.9	21.8	32.6

172 100

171 39.0 32.2 48.2

170 25.9 21.8 32.6

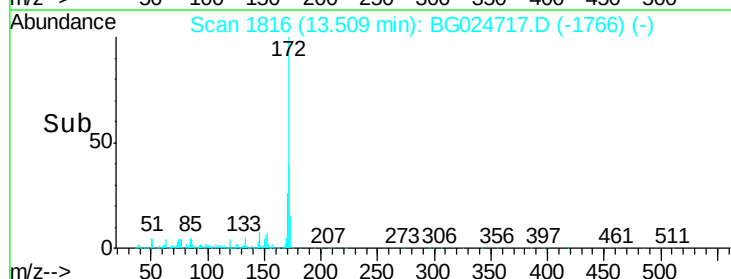
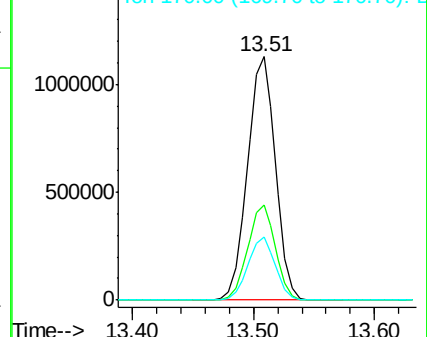


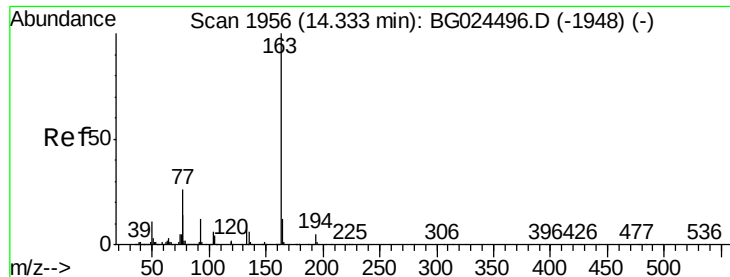
Abundance

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: 5.83 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024717.D

Acq: 5 Nov 2016 17:51

Instrument :

BNA_G

ClientSampleId :

DUP-110216

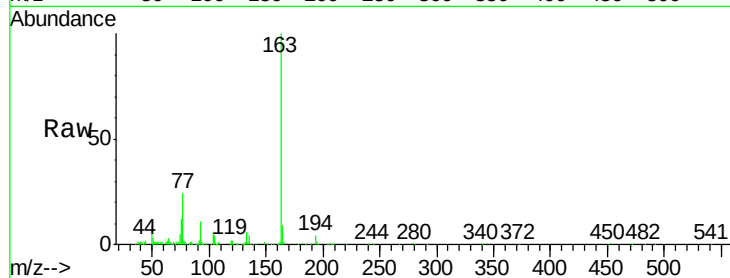
Tot Ion:163 Resp: 130347

Ion Ratio Lower Upper

163 100

194 4.0 3.8 5.6

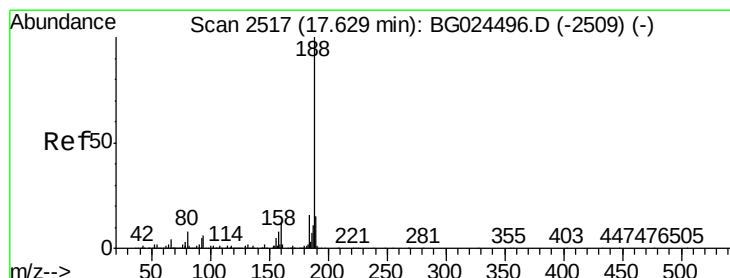
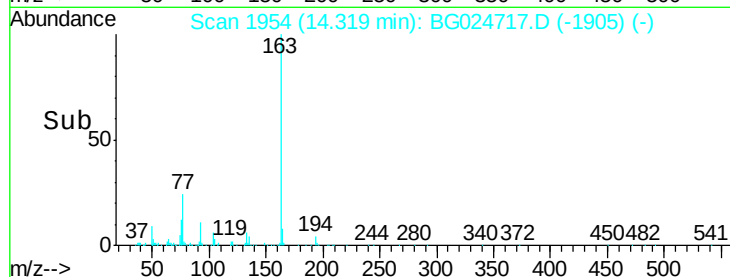
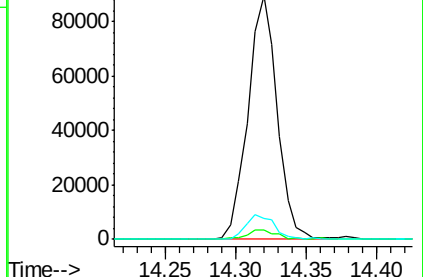
164 8.5 9.3 13.9#



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# 2516

Delta R.T. -0.01 min

Lab File: BG024717.D

Acq: 5 Nov 2016 17:51

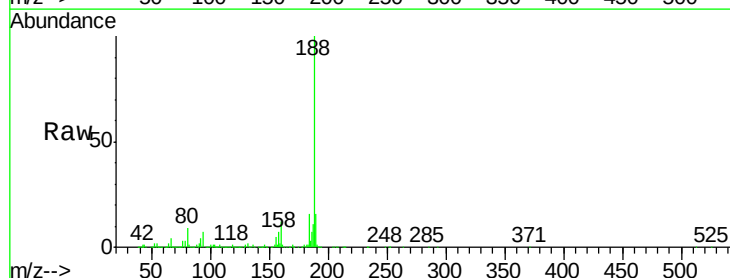
Tgt Ion:188 Resp: 741917

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.8

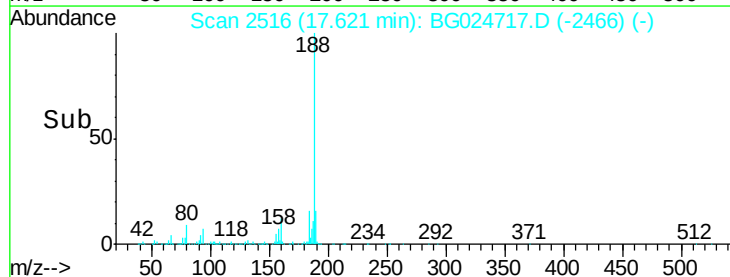
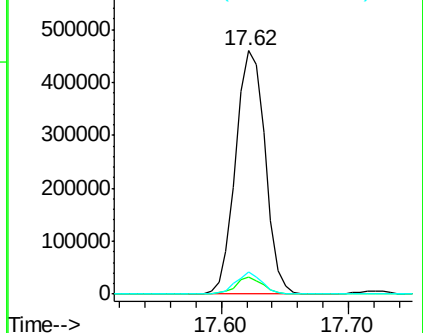
80 9.0 7.5 11.3

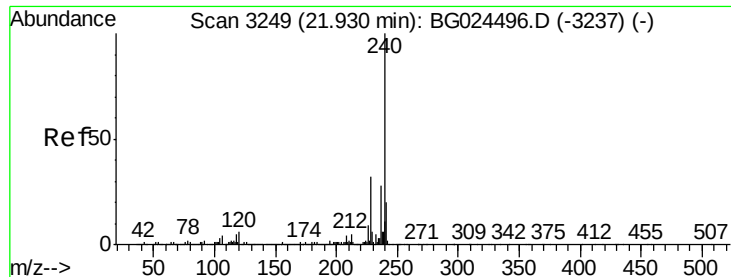


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

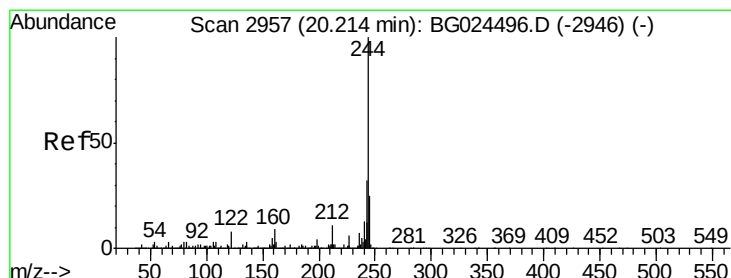
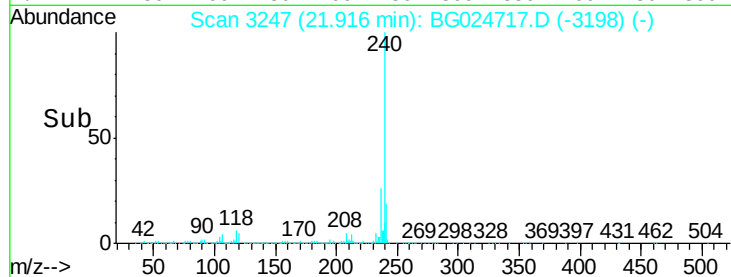
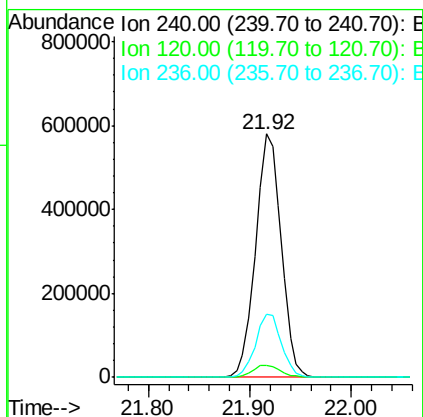
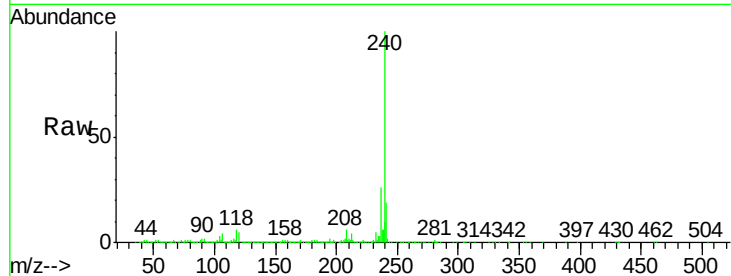




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.92 min Scan# 3247
 Delta R.T. -0.01 min
 Lab File: BG024717.D
 Acq: 5 Nov 2016 17:51

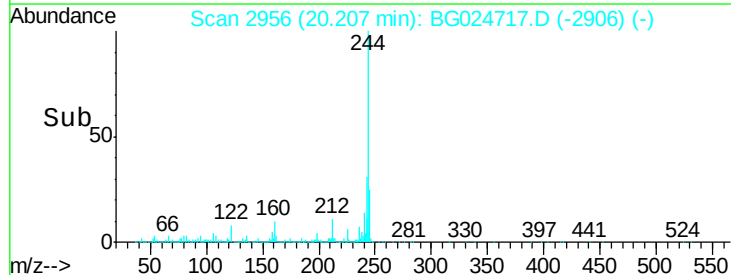
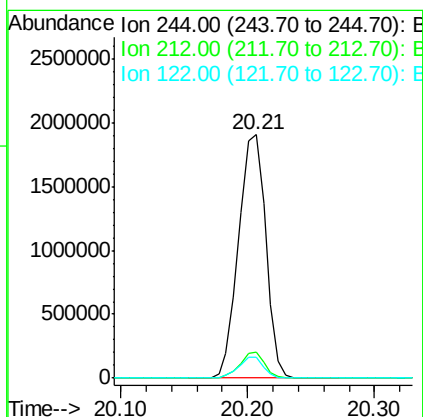
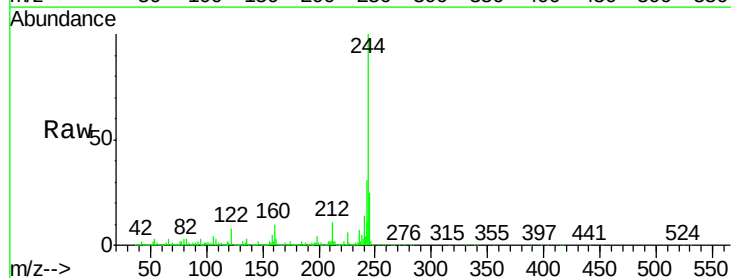
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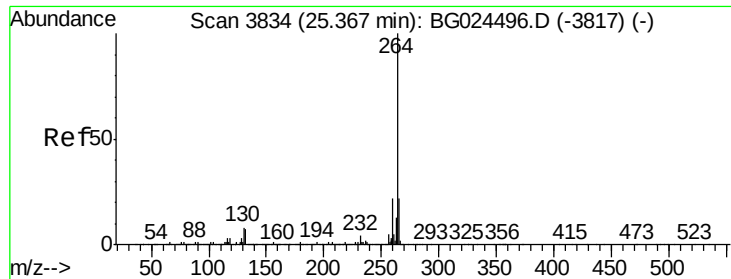
Tot Ion:240 Resp: 1016545
 Ion Ratio Lower Upper
 240 100
 120 4.8 5.7 8.5#
 236 26.1 22.2 33.4



#78
 Terphenyl-d14
 Concen: 83.51 ng
 RT: 20.21 min Scan# 2956
 Delta R.T. -0.01 min
 Lab File: BG024717.D
 Acq: 5 Nov 2016 17:51

Tgt Ion:244 Resp: 2840912
 Ion Ratio Lower Upper
 244 100
 212 10.7 10.0 15.0
 122 8.4 8.6 12.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BG024717.D
Acq: 5 Nov 2016 17:51

Instrument :
BNA_G
ClientSampleId :
DUP-110216

Tot Ion:264 Resp: 1063161

Ion	Ratio	Lower	Upper
264	100		
260	21.8	21.8	32.8#
265	21.4	18.2	27.4

