

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024707.D
 Acq On : 5 Nov 2016 11:26
 Operator : UM/SJ
 Sample : H5526-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-105-29.5-30.0

Quant Time: Nov 07 00:10:49 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

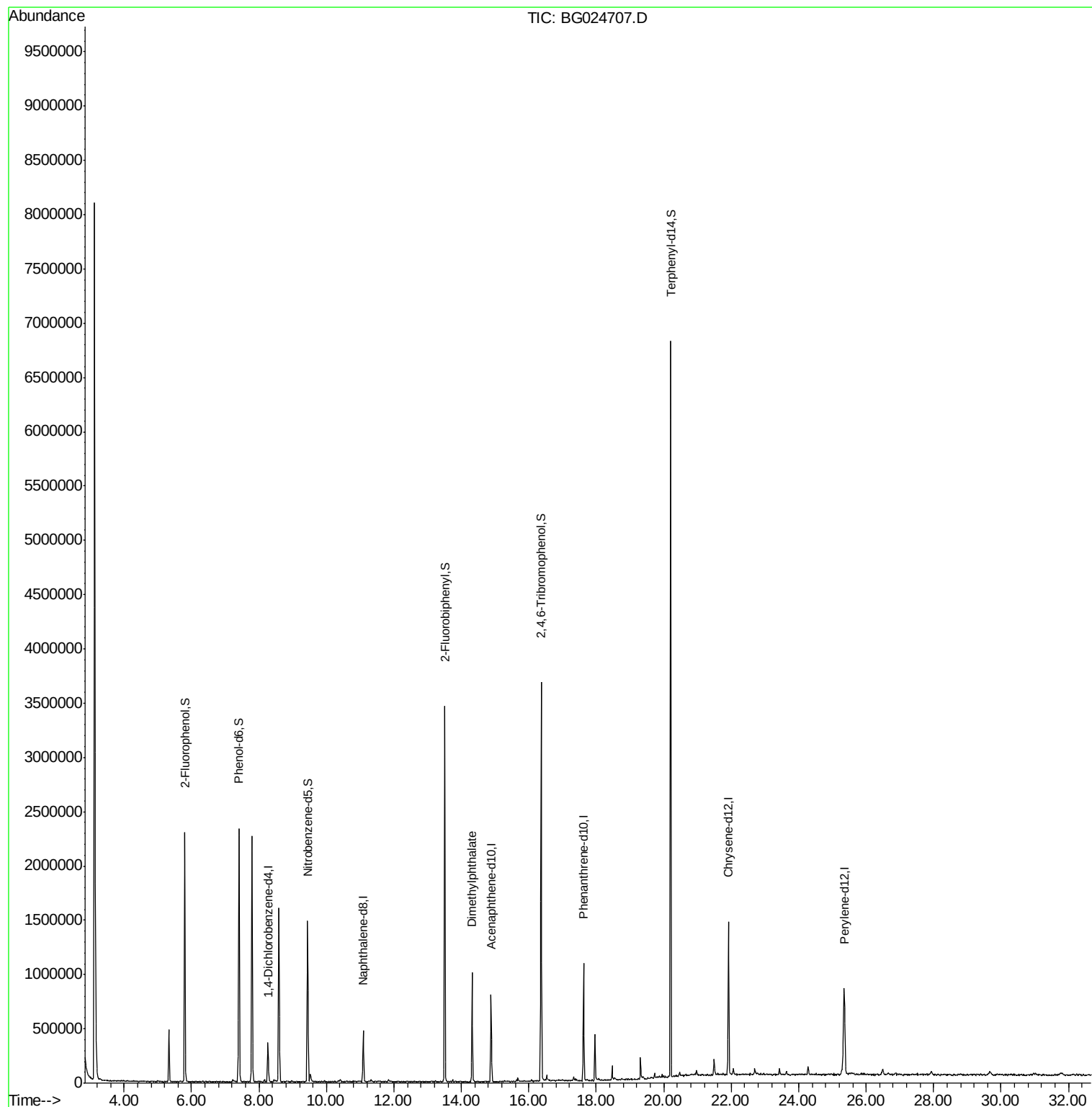
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	99901	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	384802	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	290954	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	696900	20.00	ng	0.00
75) Chrysene-d12	21.92	240	984021	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1026846	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	898765	147.45	ng	0.00
7) Phenol-d6	7.41	99	1286360	153.85	ng	0.00
23) Nitrobenzene-d5	9.44	82	919654	108.81	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	745008	171.40	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1689349	96.50	ng	0.00
78) Terphenyl-d14	20.21	244	2811621	85.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	624343	30.23	ng	Qvalue 98

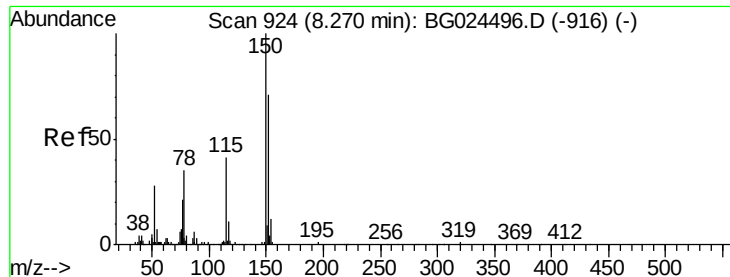
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024707.D

Acq: 5 Nov 2016 11:26

Instrument :

BNA_G

ClientSampleId :

SB-105-29.5-30.0

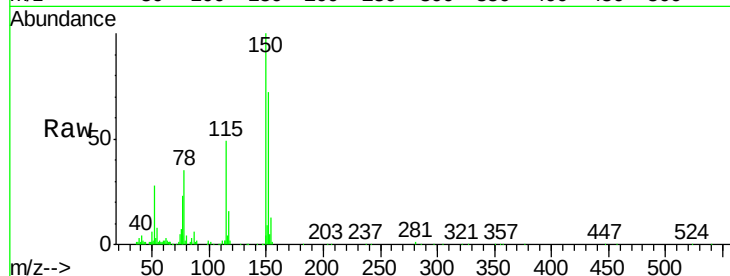
Tot Ion:152 Resp: 99901

Ion Ratio Lower Upper

152 100

150 139.8 114.0 171.0

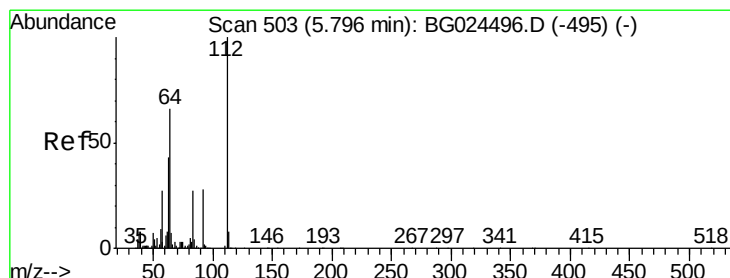
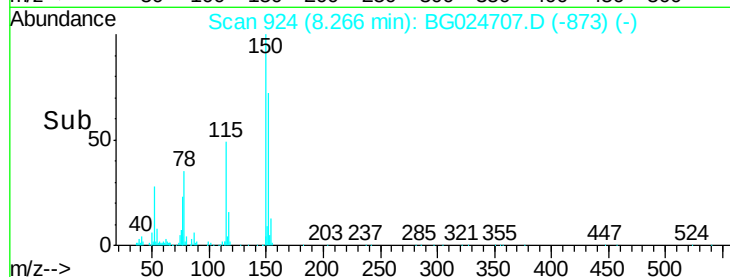
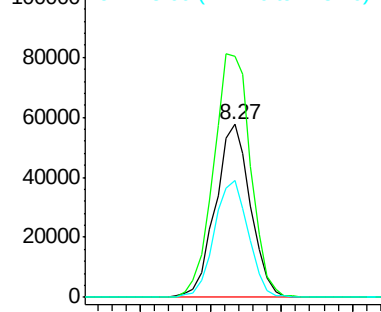
115 67.9 48.1 72.1



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: 147.45 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024707.D

Acq: 5 Nov 2016 11:26

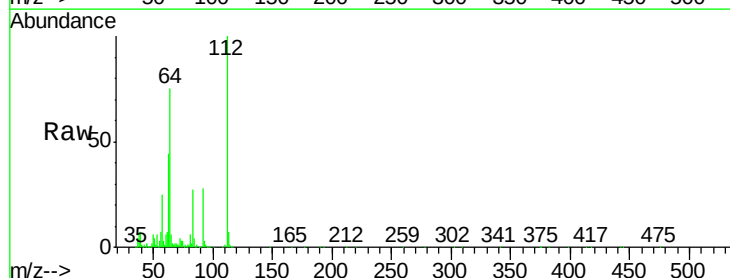
Tgt Ion:112 Resp: 898765

Ion Ratio Lower Upper

112 100

64 75.4 61.8 92.6

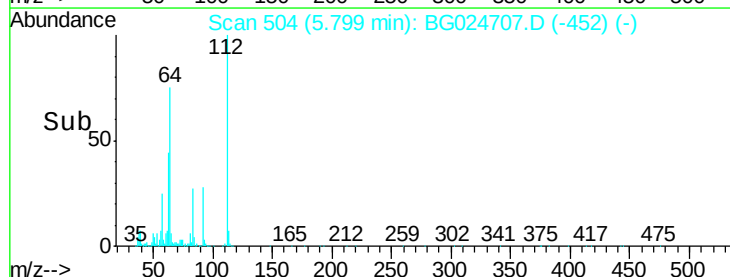
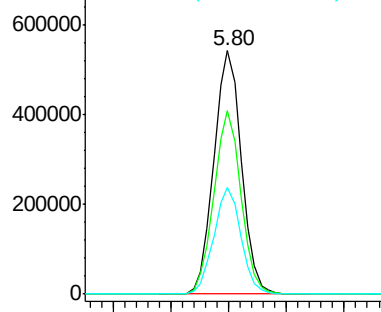
63 43.6 37.2 55.8

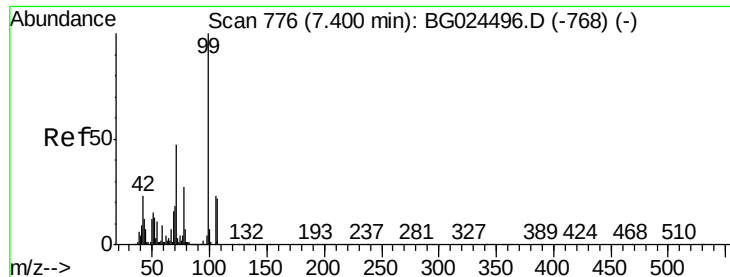


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 153.85 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024707.D

Acq: 5 Nov 2016 11:26

Instrument :

BNA_G

ClientSampleId :

SB-105-29.5-30.0

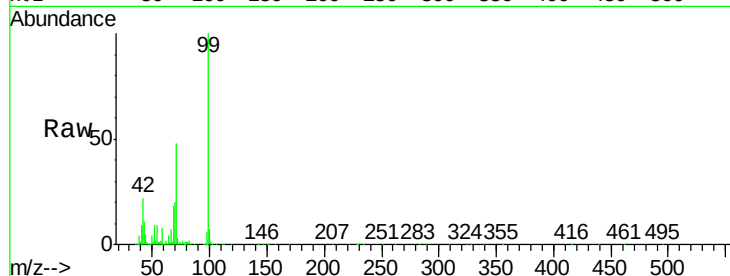
Tot Ion: 99 Resp: 1286360

Ion Ratio Lower Upper

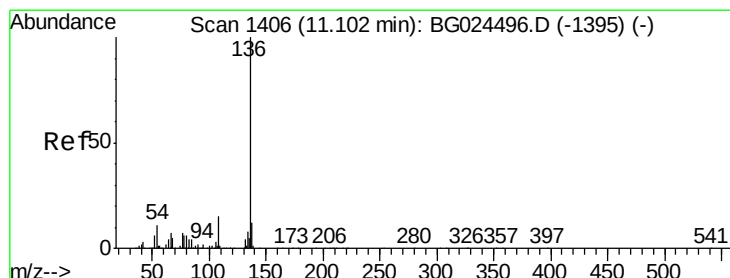
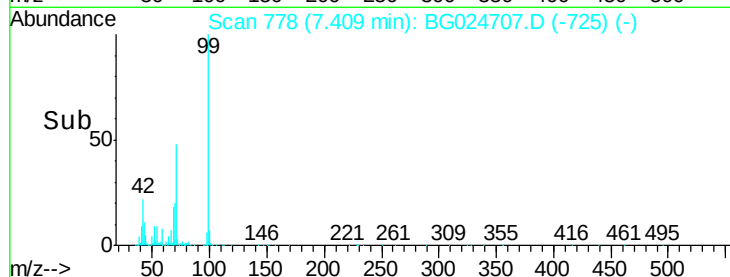
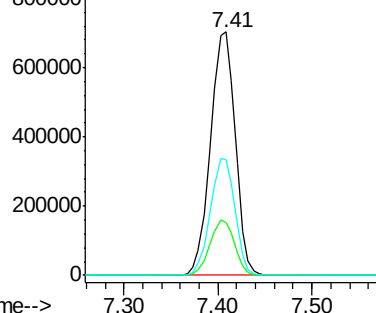
99 100

42 21.9 20.5 30.7

71 47.5 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: BG024707.D

Acq: 5 Nov 2016 11:26

Tgt Ion: 136 Resp: 384802

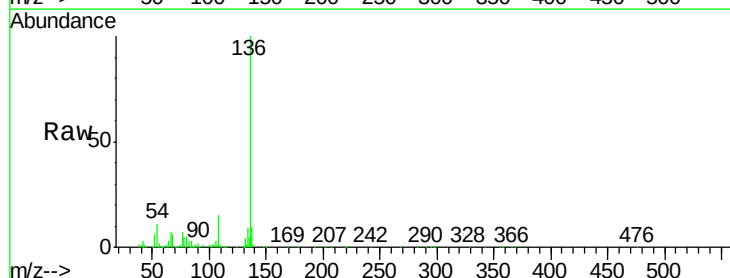
Ion Ratio Lower Upper

136 100

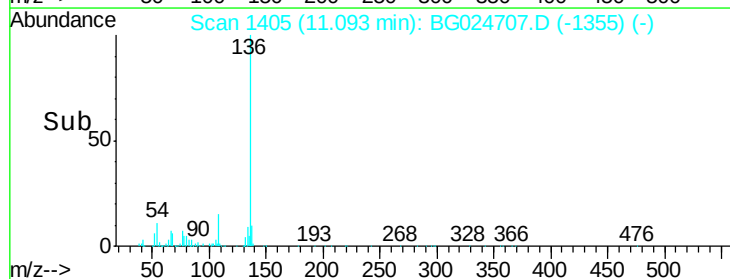
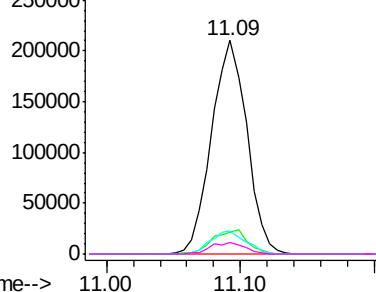
137 10.4 8.9 13.3

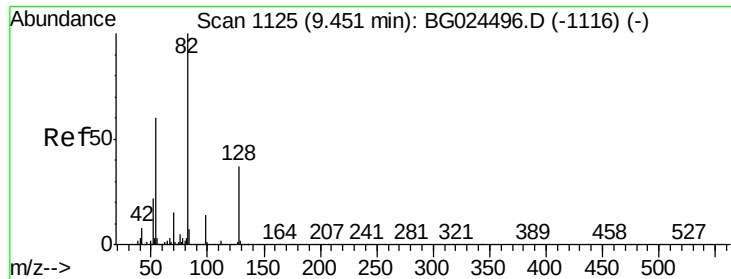
54 10.6 9.3 13.9

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

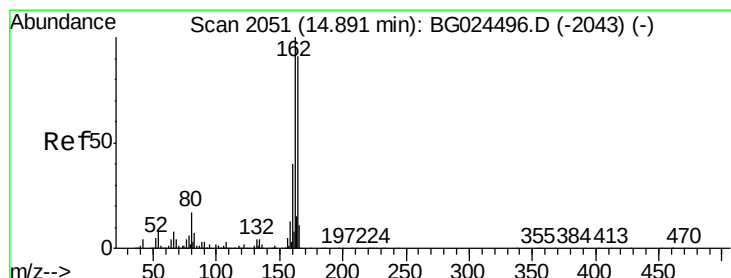
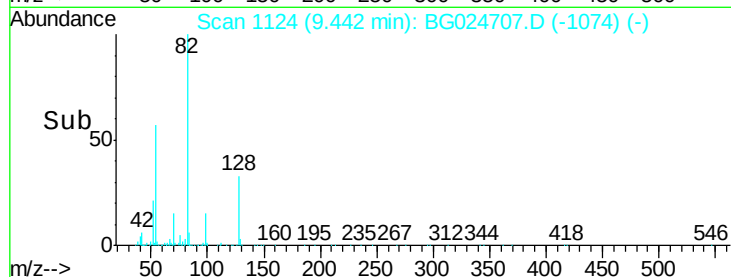
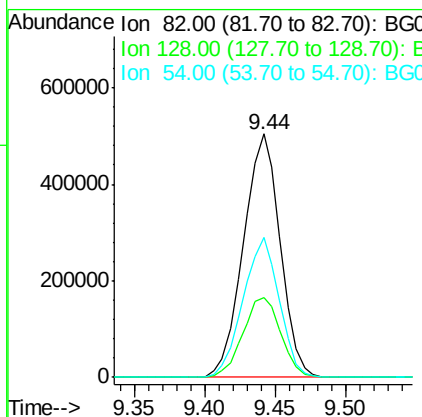
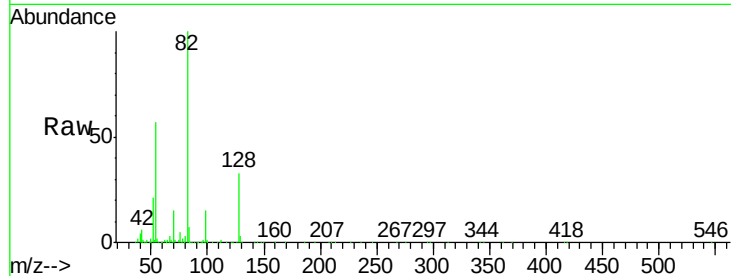




#23
 Nitrobenzene-d5
 Concen: 108.81 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024707.D
 Acq: 5 Nov 2016 11:26

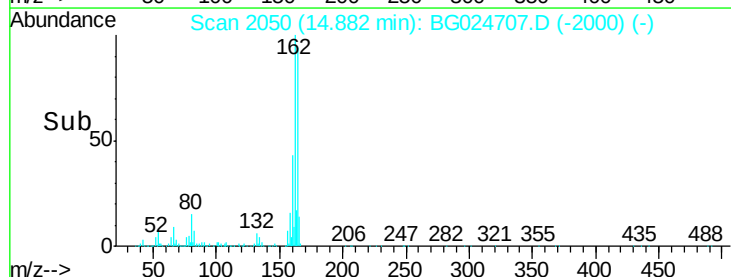
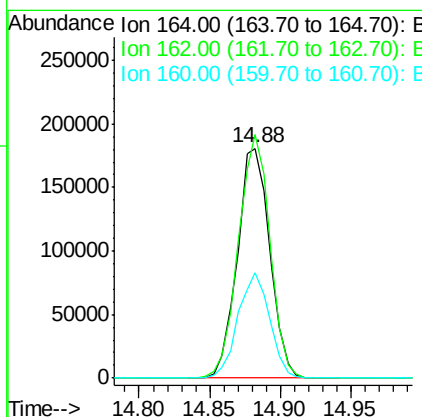
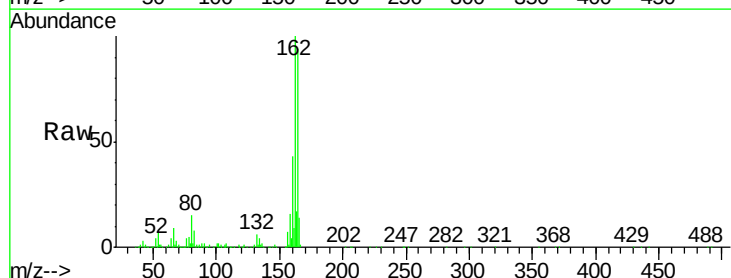
Instrument :
 BNA_G
 ClientSampleId :
 SB-105-29.5-30.0

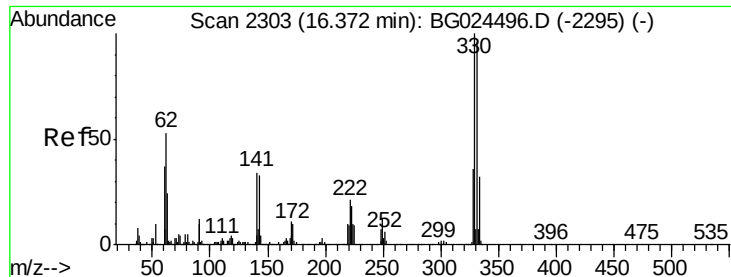
Tot Ion	82	Resp	919654
Ion Ratio	Lower	Upper	
82	100		
128	32.9	26.4	39.6
54	57.2	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024707.D
 Acq: 5 Nov 2016 11:26

Tgt Ion	164	Resp	290954
Ion Ratio	Lower	Upper	
164	100		
162	105.9	85.1	127.7
160	45.8	34.7	52.1

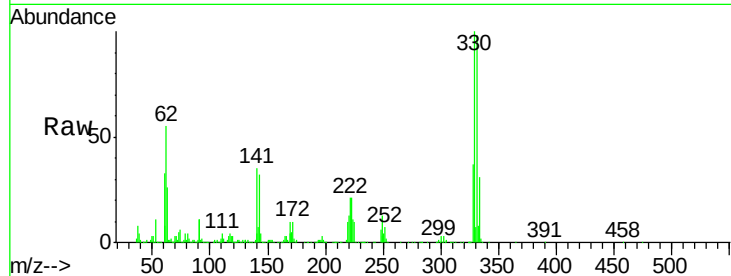




#41
2,4,6-Tribromophenol
Concen: 171.40 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024707.D
Acq: 5 Nov 2016 11:26

Instrument :
BNA_G
ClientSampleId :
SB-105-29.5-30.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	33.8	32.1	48.1

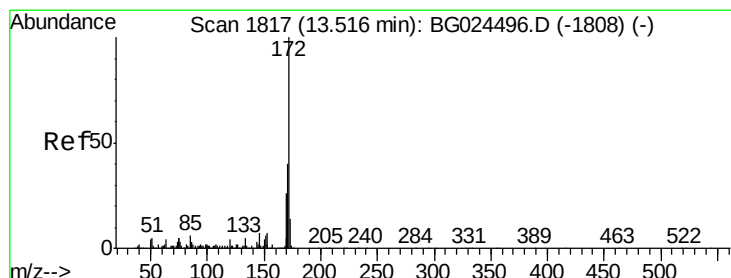
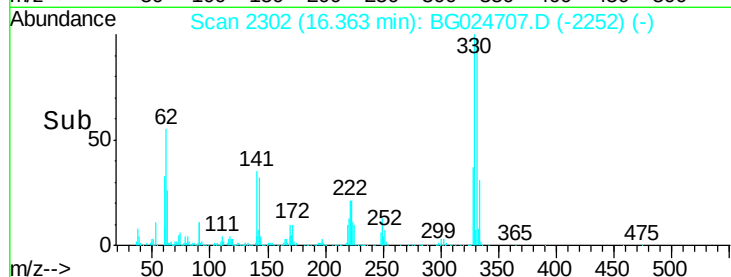
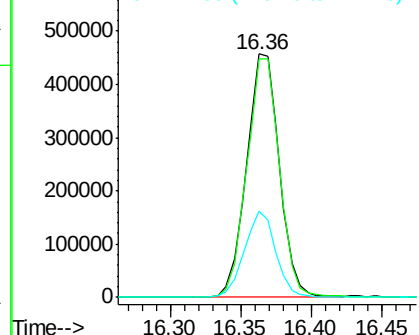


Abundance

Ion 329.80 (329.50 to 330.50): E

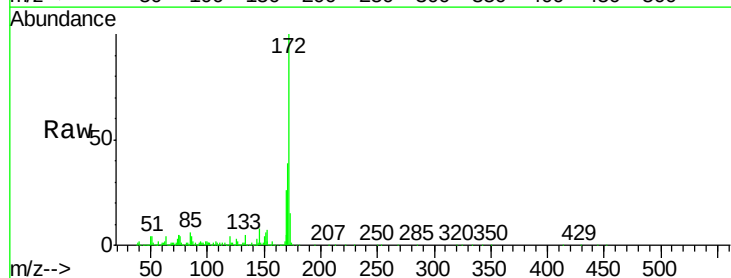
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 96.50 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024707.D
Acq: 5 Nov 2016 11:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.2	48.2
170	26.4	21.8	32.6

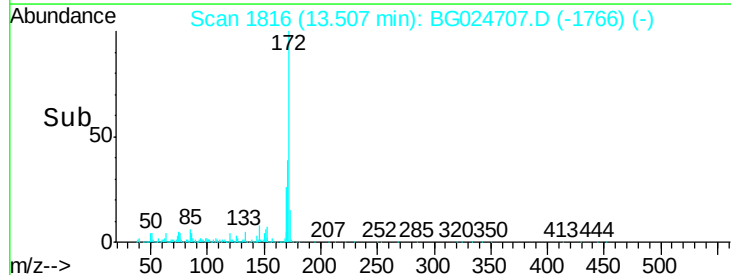
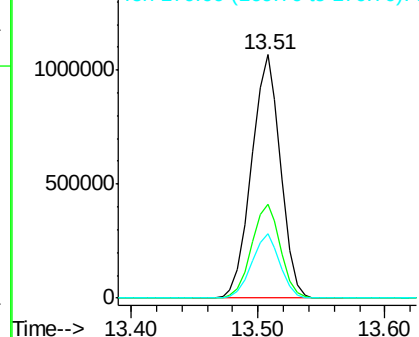


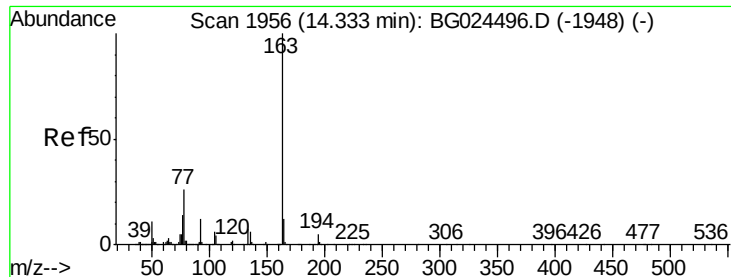
Abundance

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

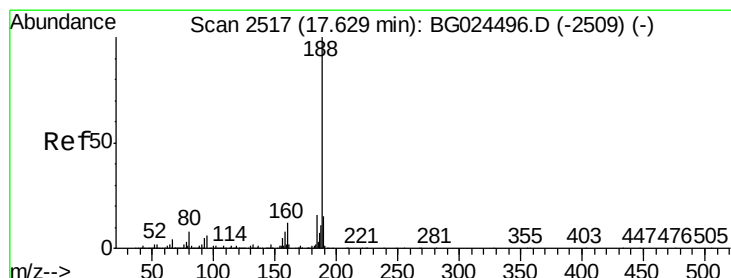
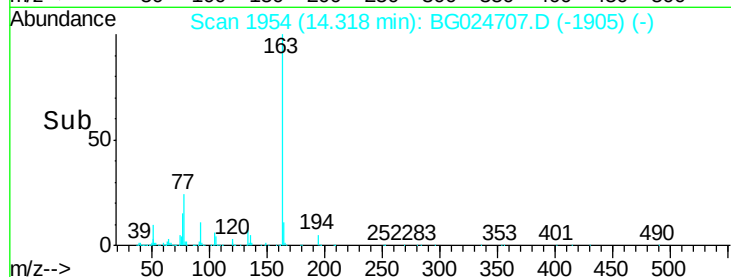
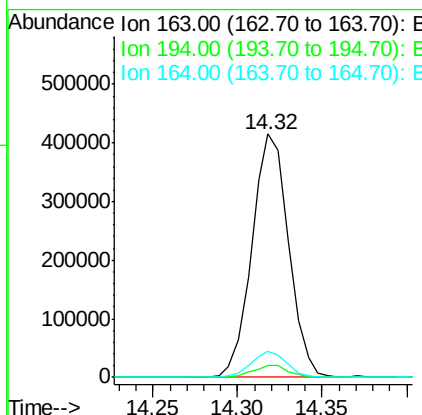
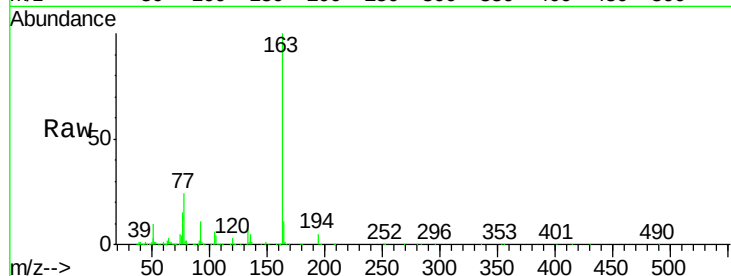




#49
Dimethylphthalate
Concen: 30.23 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024707.D
Acq: 5 Nov 2016 11:26

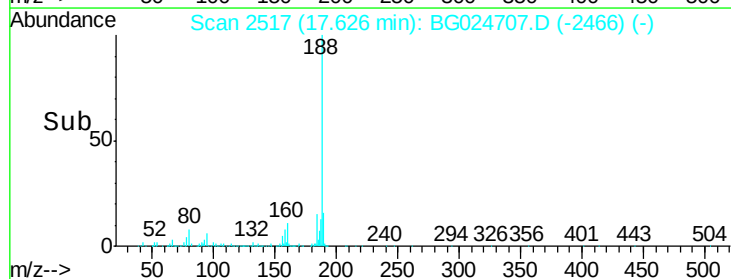
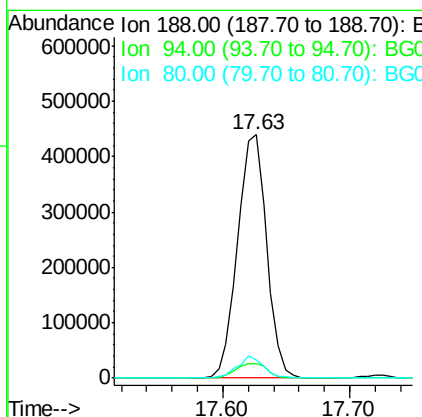
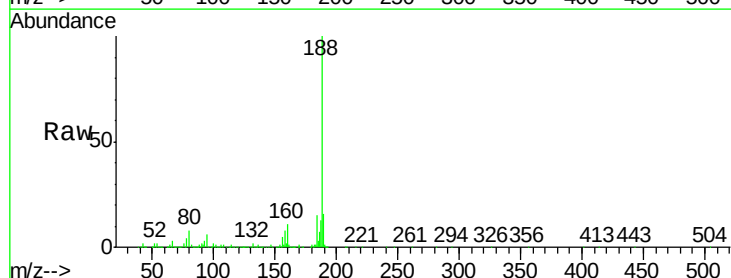
Instrument :
BNA_G
ClientSampleId :
SB-105-29.5-30.0

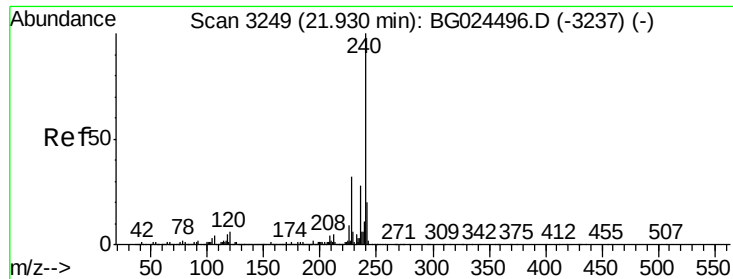
Tot Ion:163 Resp: 624343
Ion Ratio Lower Upper
163 100
194 4.8 3.8 5.6
164 10.8 9.3 13.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024707.D
Acq: 5 Nov 2016 11:26

Tgt Ion:188 Resp: 696900
Ion Ratio Lower Upper
188 100
94 6.0 5.8 8.8
80 7.7 7.5 11.3

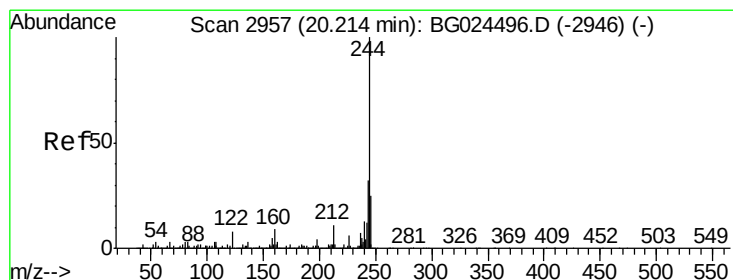
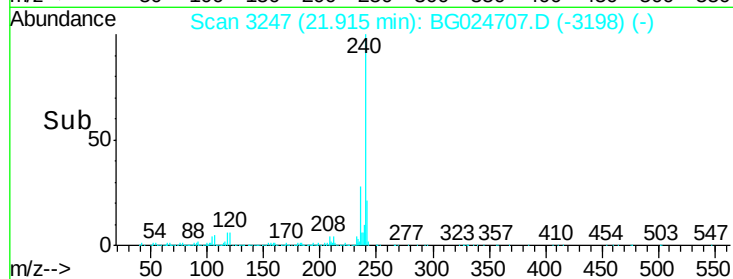
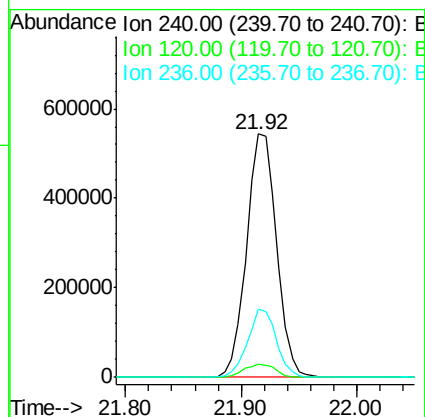
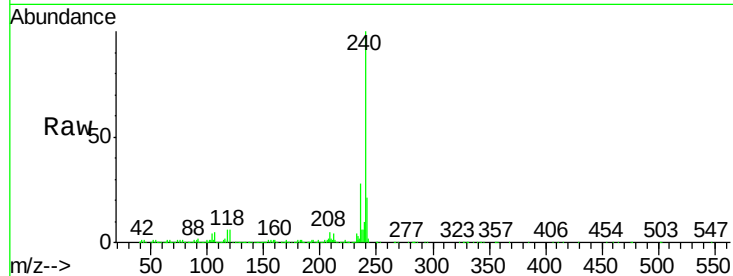




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024707.D
Acq: 5 Nov 2016 11:26

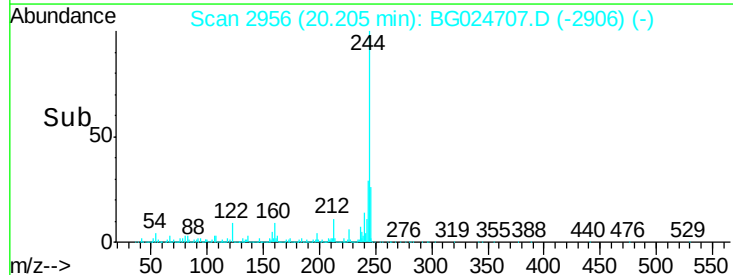
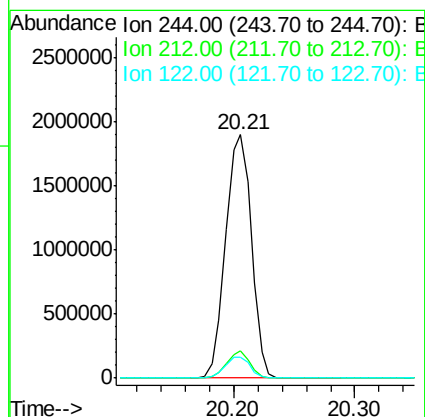
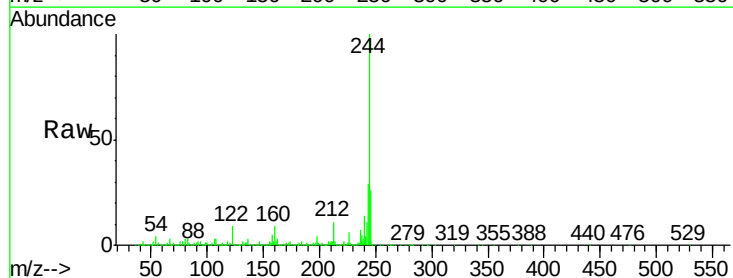
Instrument :
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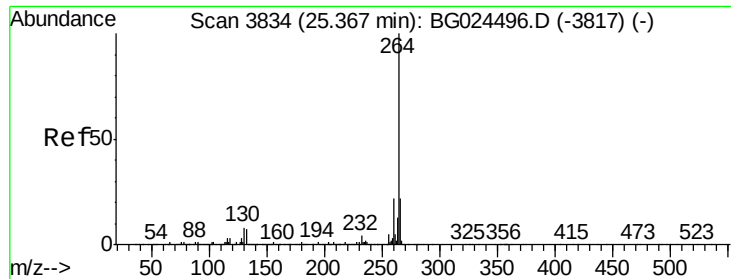
Tot Ion:240 Resp: 984021
Ion Ratio Lower Upper
240 100
120 5.6 5.7 8.5#
236 27.9 22.2 33.4



#78
Terphenyl-d14
Concen: 85.38 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024707.D
Acq: 5 Nov 2016 11:26

Tgt Ion:244 Resp: 2811621
Ion Ratio Lower Upper
244 100
212 11.1 10.0 15.0
122 8.7 8.6 12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024707.D
Acq: 5 Nov 2016 11:26

Instrument :
BNA_G
ClientSampleId :
SB-105-29.5-30.0

Tot Ion:264 Resp: 1026846

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.8	18.2	27.4

