

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024605.D
 Acq On : 1 Nov 2016 23:01
 Operator : UM/SJ
 Sample : H5489-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-71-13.5-14

Quant Time: Nov 02 03:22:09 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

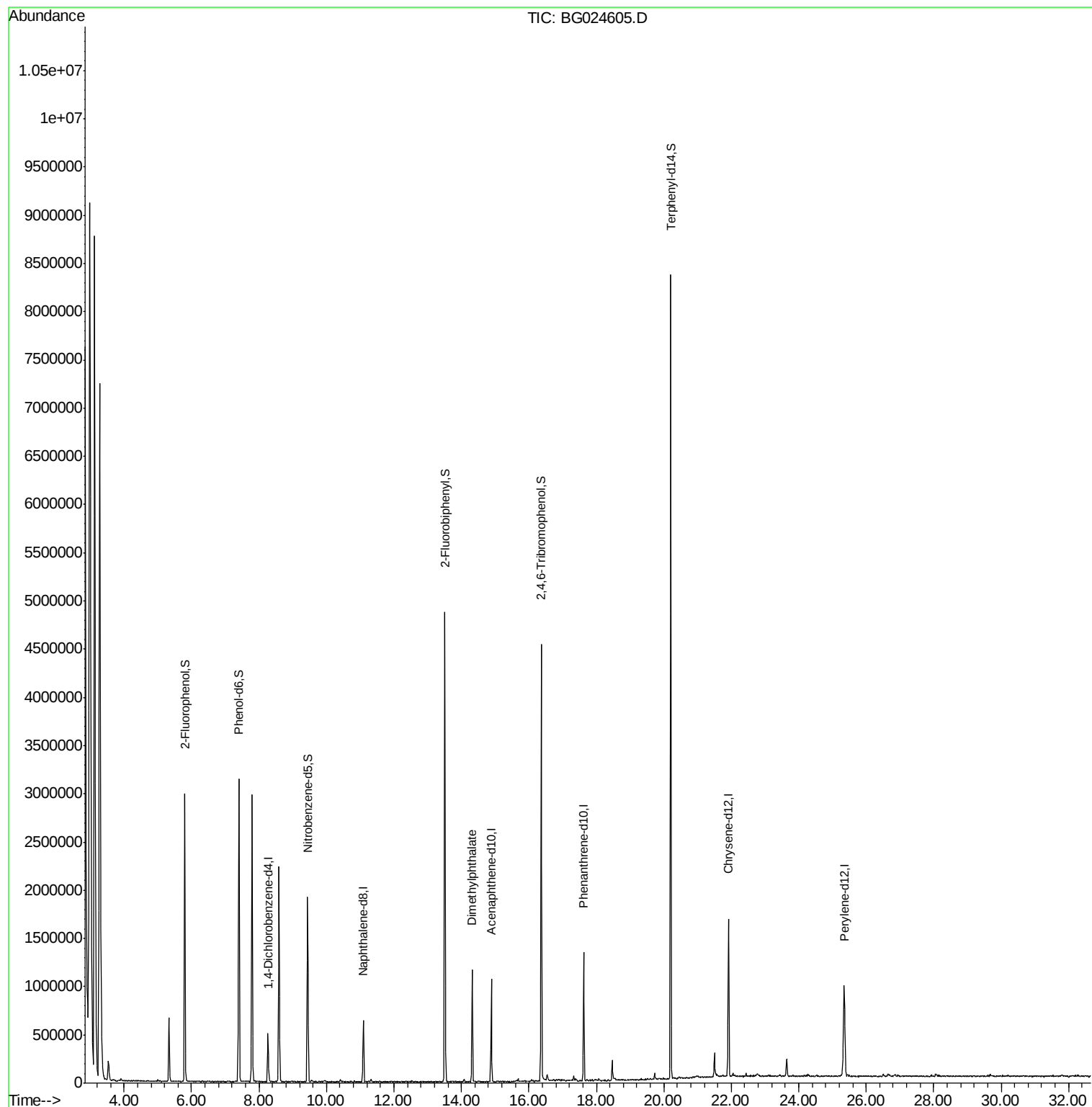
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	130187	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	521688	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	387175	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	846441	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1083916	20.00	ng	-0.01
86) Perylene-d12	25.34	264	1126438	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	1189833	149.79	ng	0.00
7) Phenol-d6	7.41	99	1719827	157.84	ng	0.00
23) Nitrobenzene-d5	9.44	82	1196453	104.42	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	902141	155.97	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2441388	104.81	ng	0.00
78) Terphenyl-d14	20.21	244	3349796	92.35	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.32	163	733298	26.68	ng	98

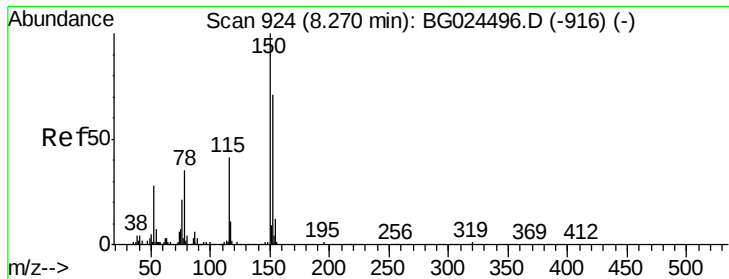
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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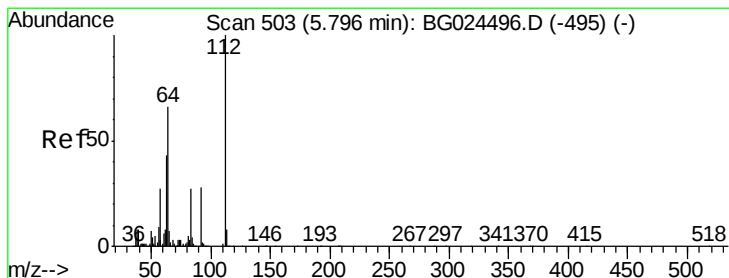
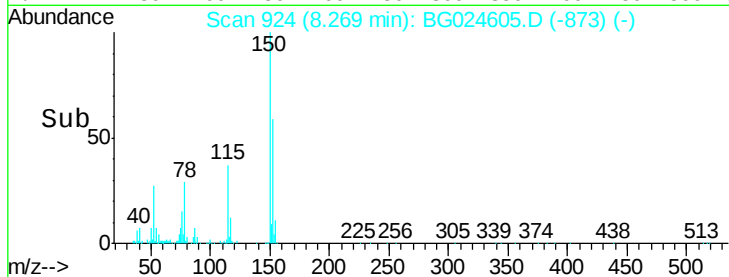
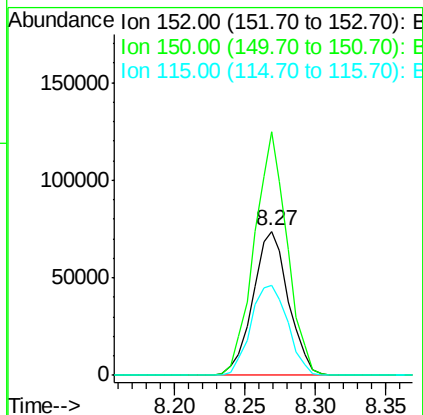
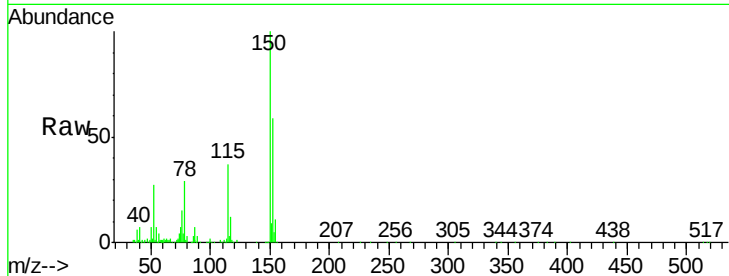


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024605.D
Acq: 1 Nov 2016 23:01

Instrument :
BNA_G
ClientSampleId :
SB-71-13.5-14

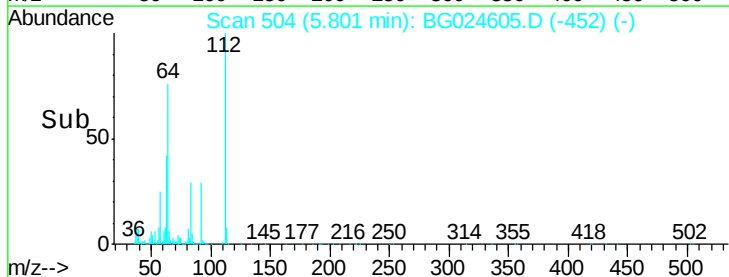
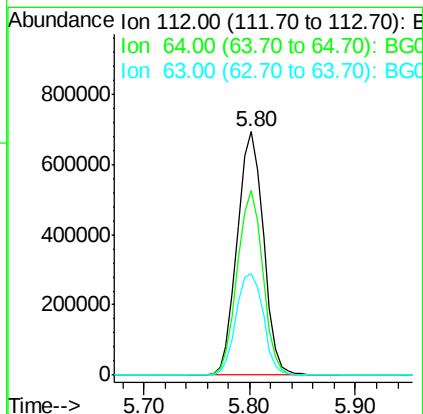
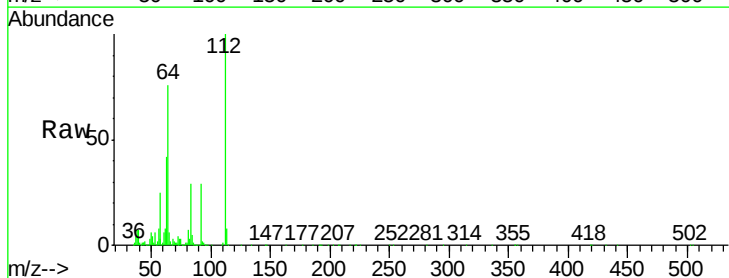
Tot Ion	Ratio	Lower	Upper
152	100		
150	169.3	114.0	171.0
115	63.0	48.1	72.1

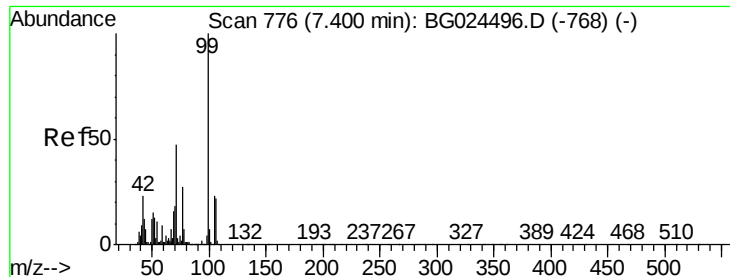


#5

2-Fluorophenol
Concen: 149.79 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.01 min
Lab File: BG024605.D
Acq: 1 Nov 2016 23:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.1	61.8	92.6
63	41.8	37.2	55.8





#7

Phenol-d6

Concen: 157.84 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024605.D

Acq: 1 Nov 2016 23:01

Instrument :

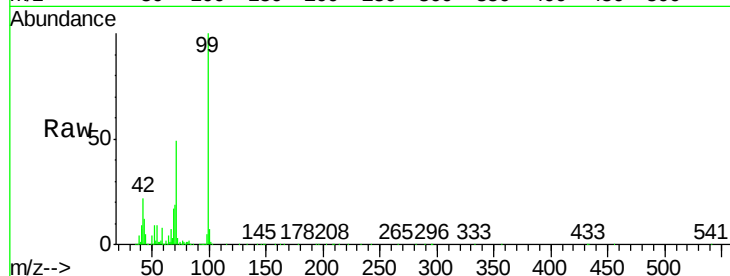
BNA_G

ClientSampleId :

SB-71-13.5-14

Tot Ion: 99 Resp: 1719827

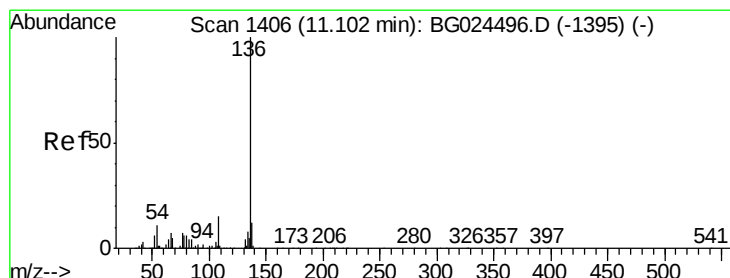
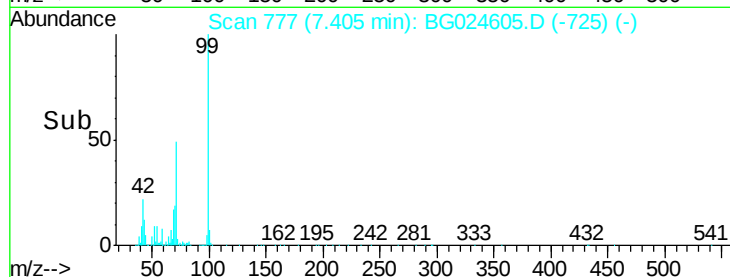
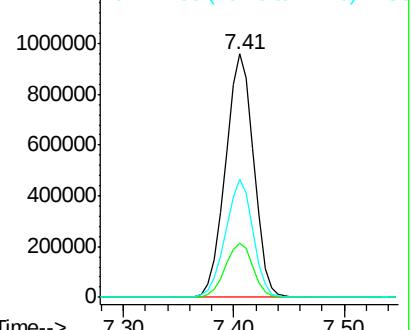
Ion	Ratio	Lower	Upper
99	100		
42	22.5	20.5	30.7
71	48.6	37.6	56.4



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

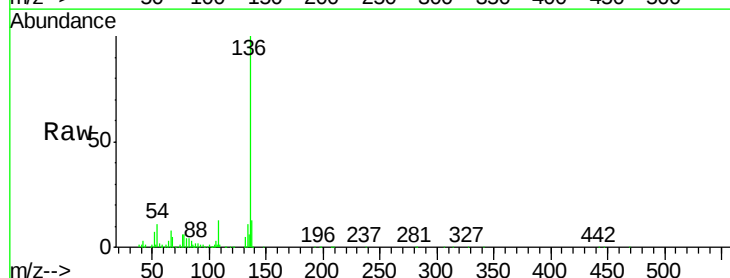
Delta R.T. -0.01 min

Lab File: BG024605.D

Acq: 1 Nov 2016 23:01

Tgt Ion: 136 Resp: 521688

Ion	Ratio	Lower	Upper
136	100		
137	12.6	8.9	13.3
54	11.0	9.3	13.9
68	5.4	5.1	7.7

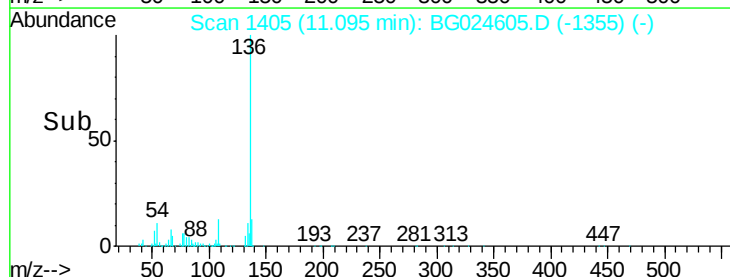
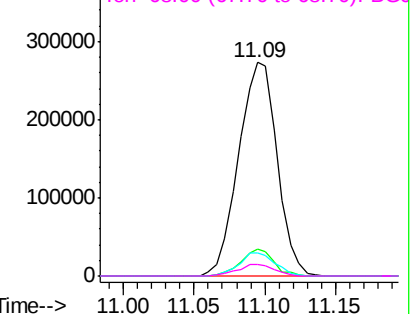


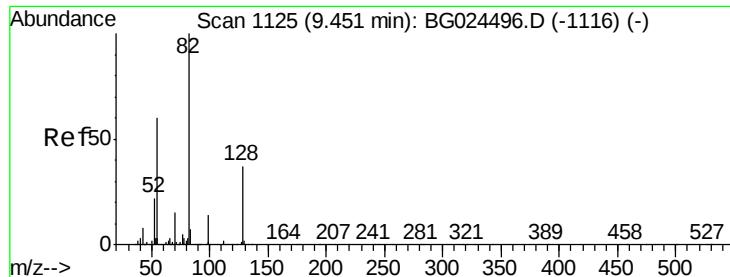
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

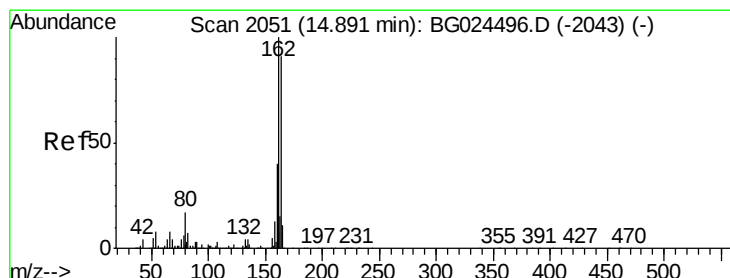
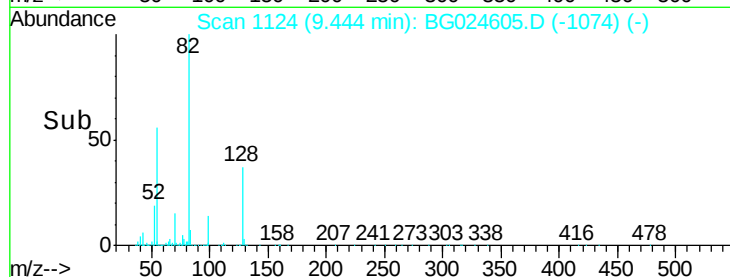
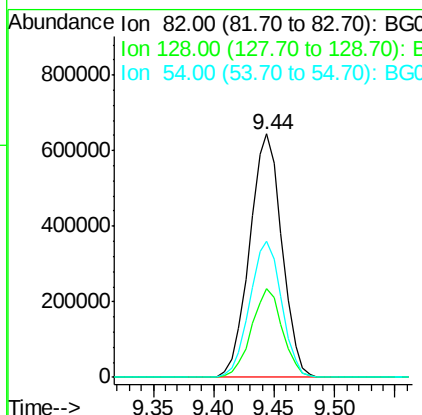
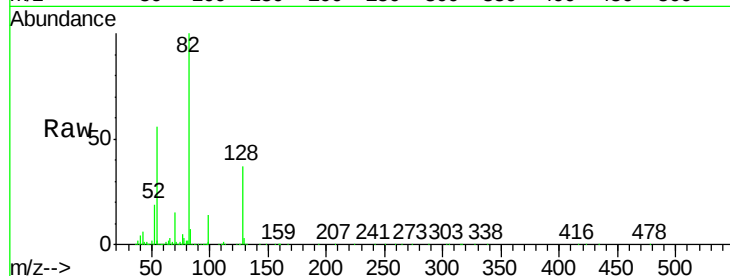




#23
 Nitrobenzene-d5
 Concen: 104.42 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024605.D
 Acq: 1 Nov 2016 23:01

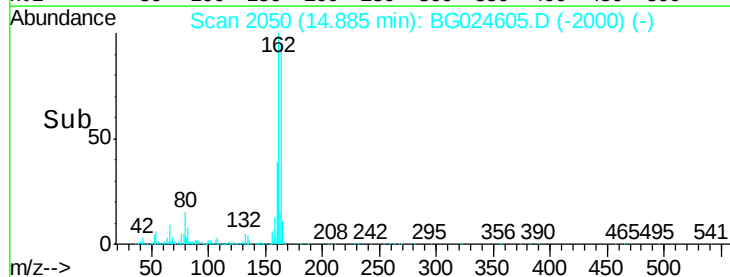
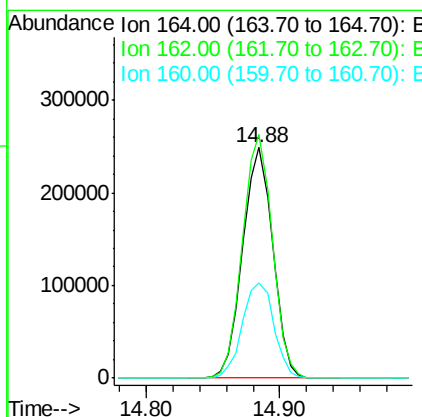
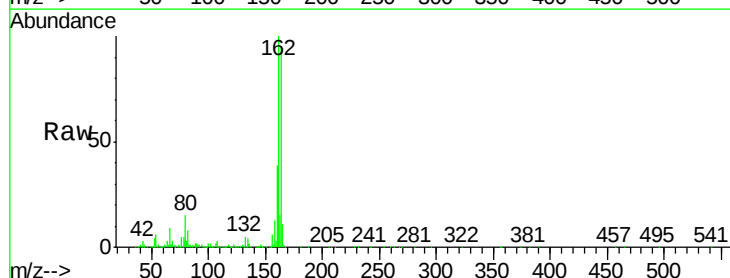
Instrument :
 BNA_G
 ClientSampleId :
 SB-71-13.5-14

Tot Ion: 82 Resp: 1196453
 Ion Ratio Lower Upper
 82 100
 128 36.5 26.4 39.6
 54 56.1 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: BG024605.D
 Acq: 1 Nov 2016 23:01

Tgt Ion:164 Resp: 387175
 Ion Ratio Lower Upper
 164 100
 162 105.6 85.1 127.7
 160 41.2 34.7 52.1

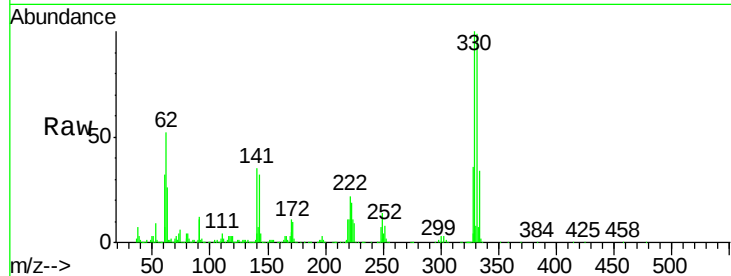




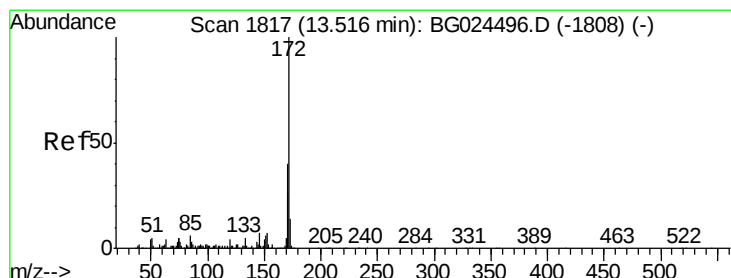
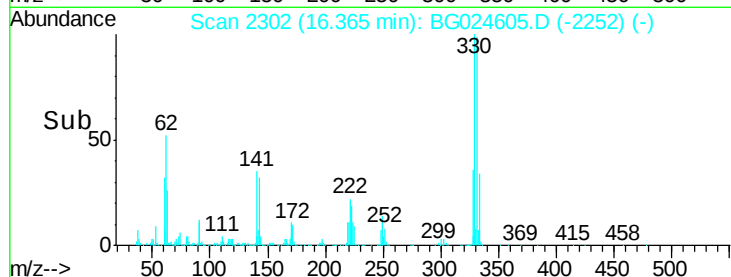
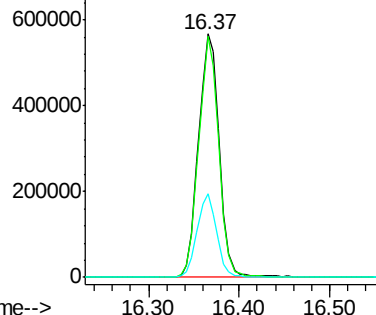
#41
 2,4,6-Tribromophenol
 Concen: 155.97 ng
 RT: 16.37 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024605.D
 Acq: 1 Nov 2016 23:01

Instrument :
 BNA_G
 ClientSampleId :
 SB-71-13.5-14

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	32.4	32.1	48.1

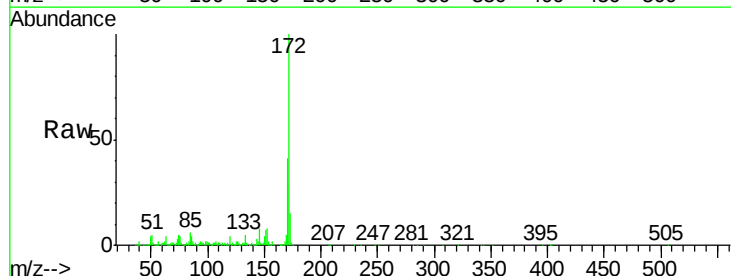


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

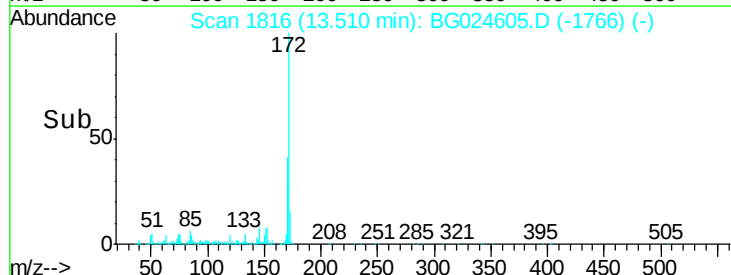
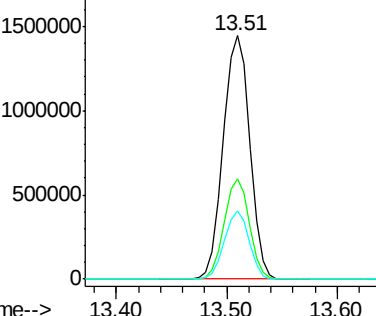


#44
 2-Fluorobiphenyl
 Concen: 104.81 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024605.D
 Acq: 1 Nov 2016 23:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.1	32.2	48.2
170	28.3	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





#49

Dimethylphthalate

Concen: 26.68 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024605.D

Acq: 1 Nov 2016 23:01

Instrument :

BNA_G

ClientSampleId :

SB-71-13.5-14

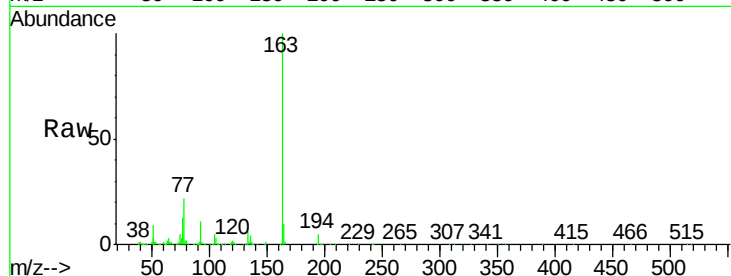
Tot Ion:163 Resp: 733298

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

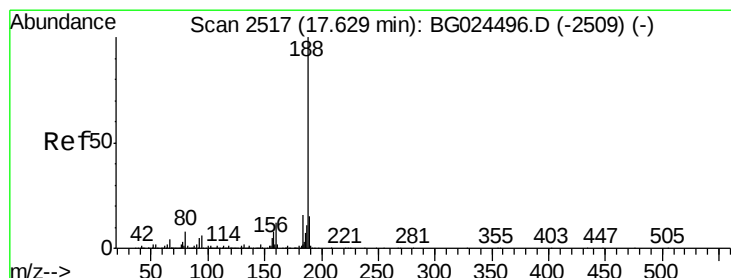
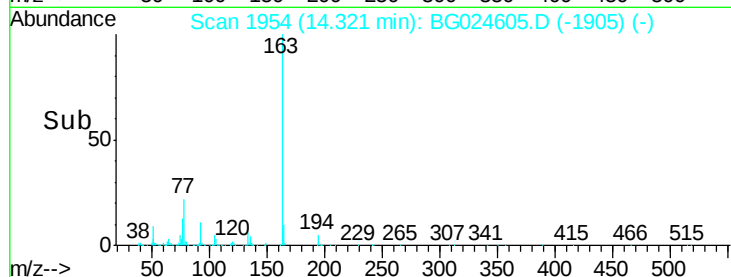
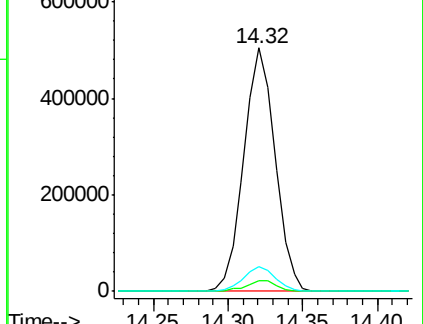
164 10.3 9.3 13.9



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: BG024605.D

Acq: 1 Nov 2016 23:01

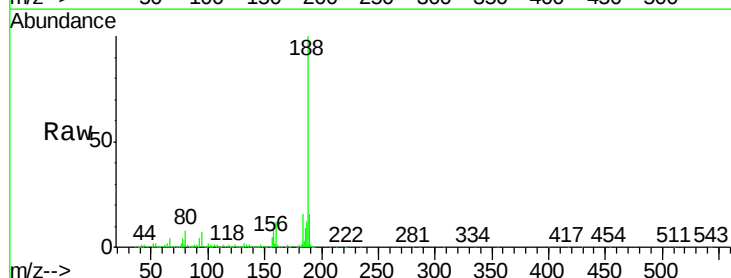
Tgt Ion:188 Resp: 846441

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.8

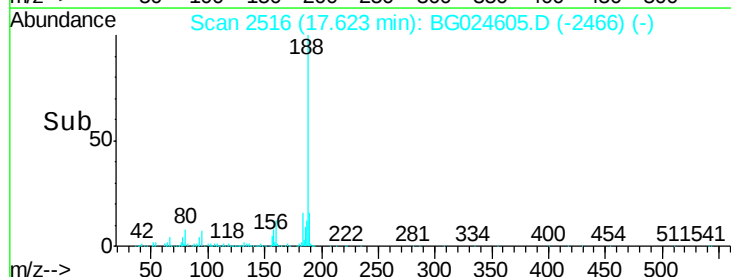
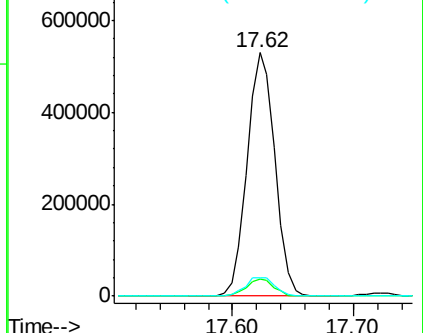
80 7.6 7.5 11.3

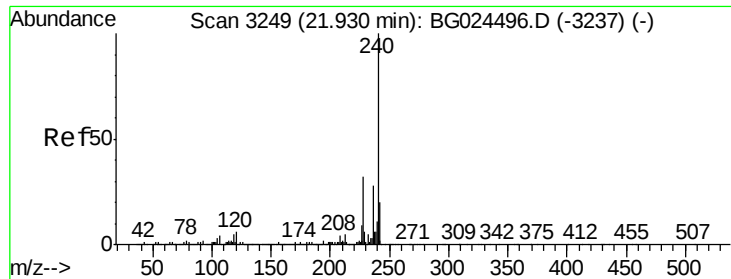


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

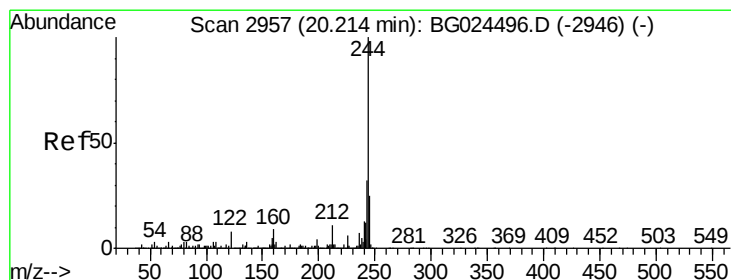
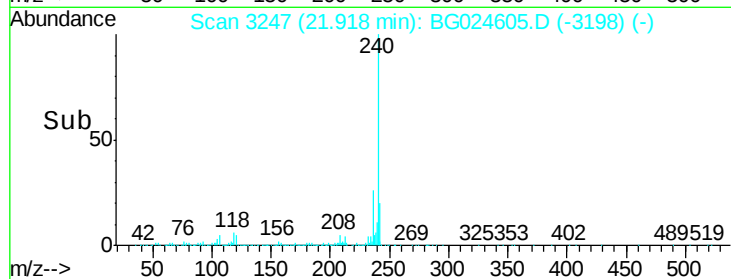
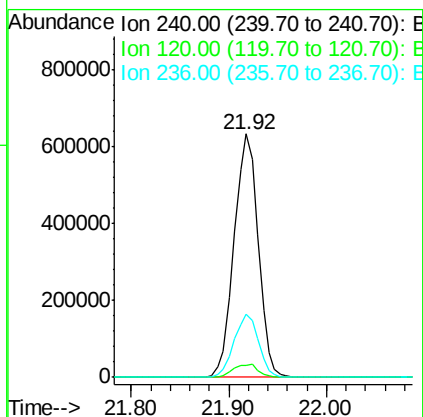
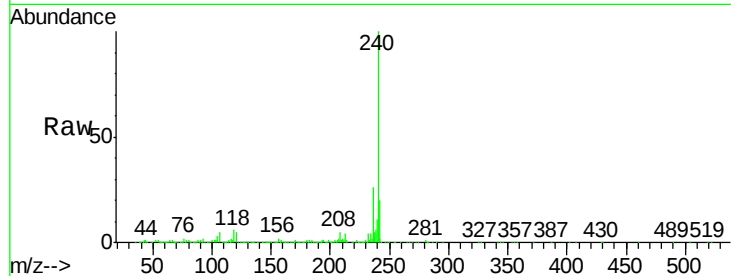




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.92 min Scan# 3247
 Delta R.T. -0.01 min
 Lab File: BG024605.D
 Acq: 1 Nov 2016 23:01

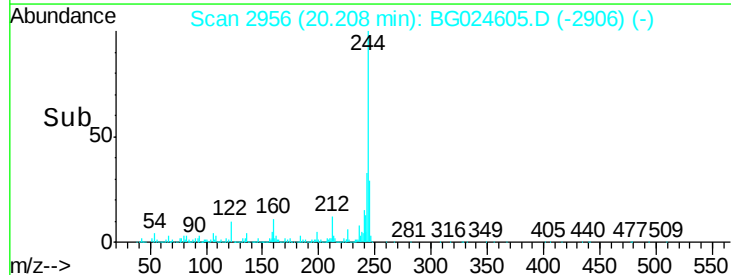
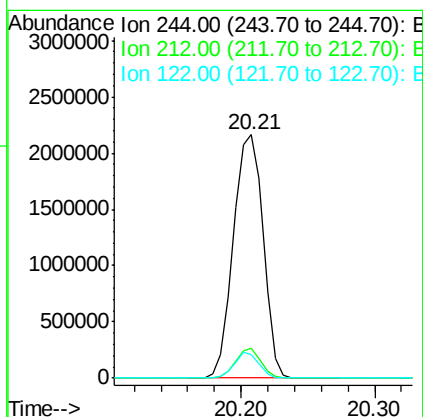
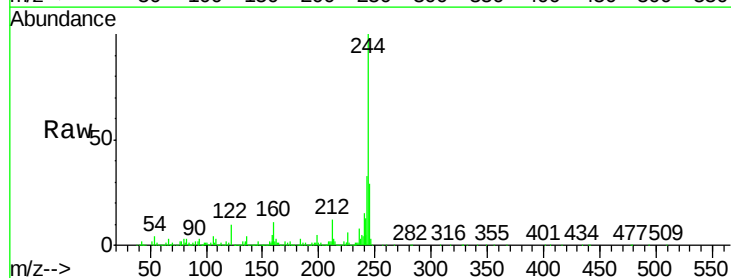
Instrument :
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 SB-71-13.5-14

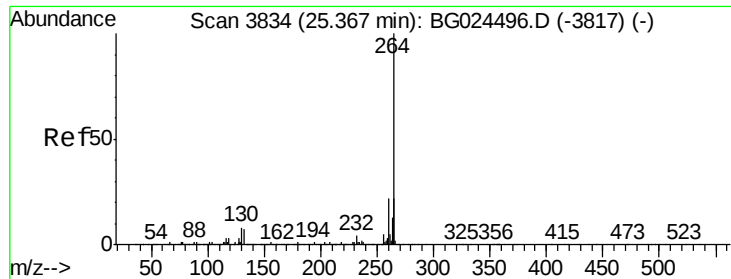
Tot Ion:240 Resp: 1083916
 Ion Ratio Lower Upper
 240 100
 120 5.1 5.7 8.5#
 236 25.9 22.2 33.4



#78
 Terphenyl-d14
 Concen: 92.35 ng
 RT: 20.21 min Scan# 2956
 Delta R.T. -0.01 min
 Lab File: BG024605.D
 Acq: 1 Nov 2016 23:01

Tgt Ion:244 Resp: 3349796
 Ion Ratio Lower Upper
 244 100
 212 12.0 10.0 15.0
 122 9.7 8.6 12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.34 min Scan# 3830
Delta R.T. -0.02 min
Lab File: BG024605.D
Acq: 1 Nov 2016 23:01

Instrument :
BNA_G
ClientSampleId :
SB-71-13.5-14

Tot Ion:264 Resp: 1126438

Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.8	32.8
265	21.7	18.2	27.4

