

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024604.D
 Acq On : 1 Nov 2016 22:22
 Operator : UM/SJ
 Sample : H5489-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-71-6.5-7.5

Quant Time: Nov 02 04:05:03 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

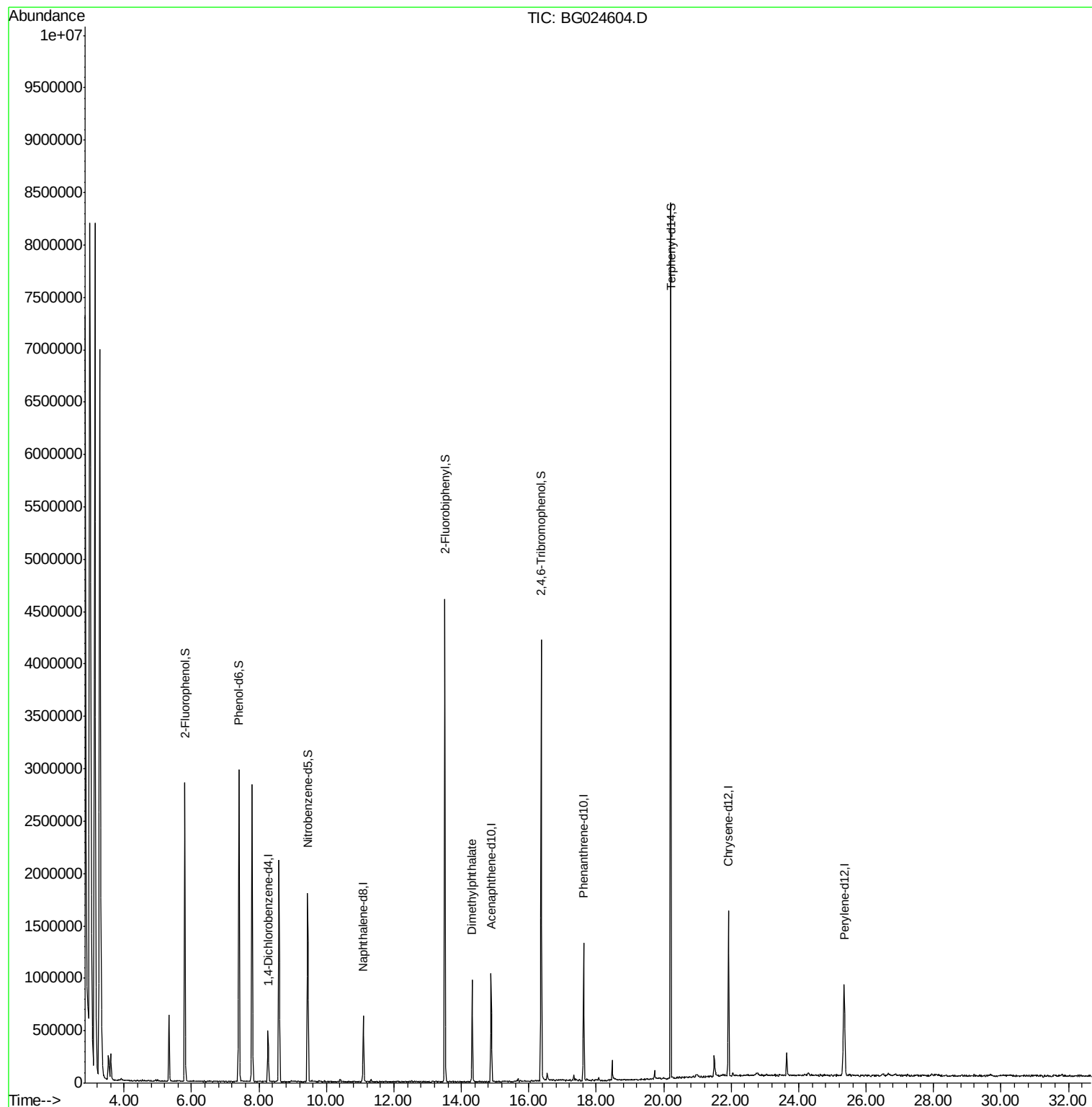
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	124229	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	495320	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	371907	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	825927	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1057498	20.00	ng	0.00
86) Perylene-d12	25.35	264	1084475	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	1164916	153.69	ng	0.00
7) Phenol-d6	7.41	99	1642925	158.02	ng	0.00
23) Nitrobenzene-d5	9.44	82	1144245	105.18	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	870835	156.73	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2352478	105.13	ng	0.00
78) Terphenyl-d14	20.21	244	3396292	95.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	613324	23.23	ng	Qvalue 100

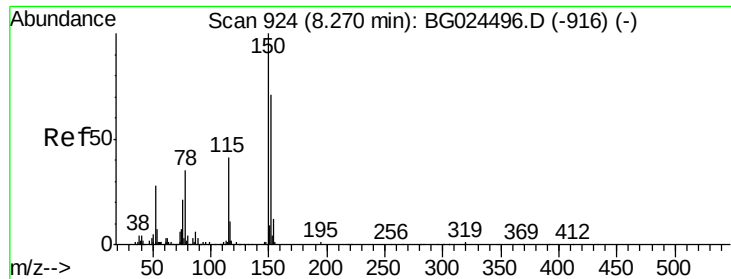
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024604.D

Acq: 1 Nov 2016 22:22

Instrument :

BNA_G

ClientSampleId :

SB-71-6.5-7.5

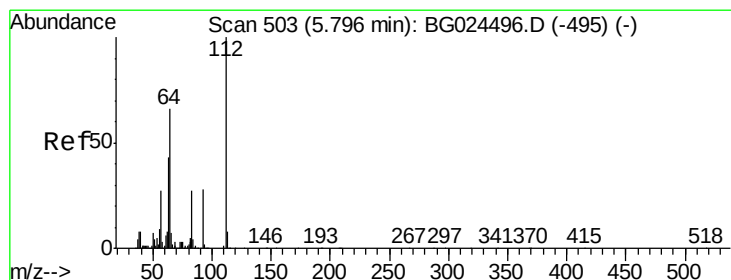
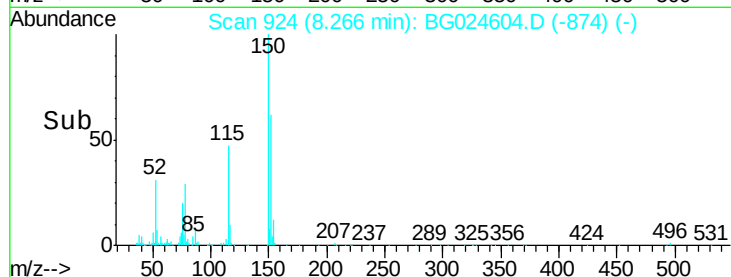
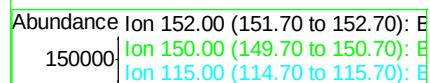
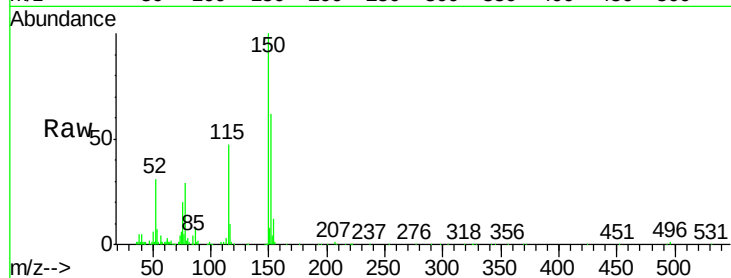
Tot Ion:152 Resp: 124229

Ion Ratio Lower Upper

152 100

150 160.8 114.0 171.0

115 76.0 48.1 72.1#



#5

2-Fluorophenol

Concen: 153.69 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024604.D

Acq: 1 Nov 2016 22:22

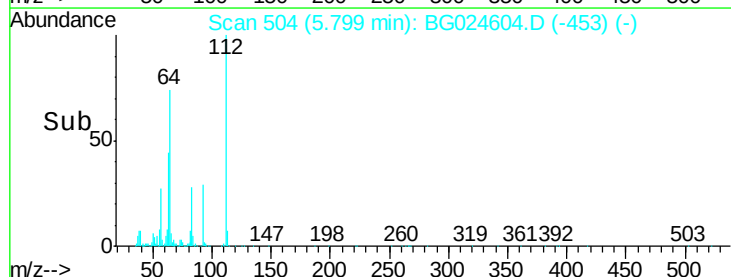
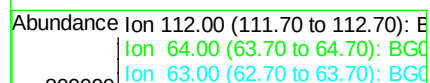
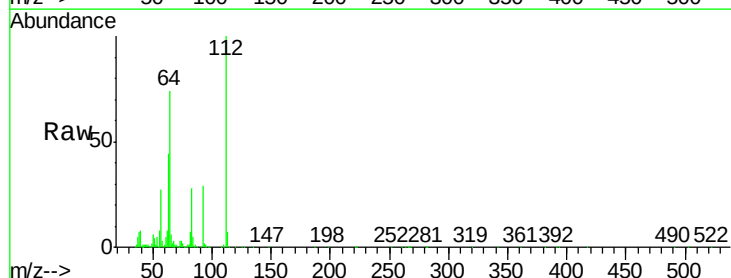
Tgt Ion:112 Resp: 1164916

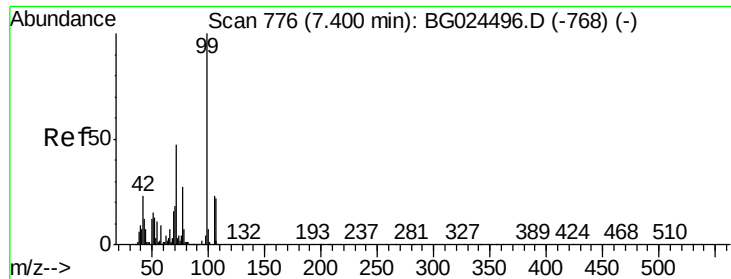
Ion Ratio Lower Upper

112 100

64 74.4 61.8 92.6

63 44.1 37.2 55.8





#7

Phenol-d6

Concen: 158.02 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024604.D

Acq: 1 Nov 2016 22:22

Instrument :

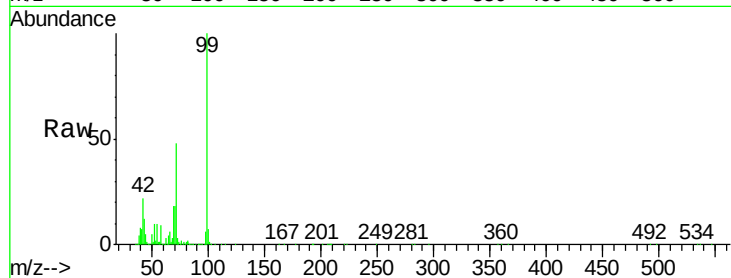
BNA_G

ClientSampleId :

SB-71-6.5-7.5

Tot Ion: 99 Resp: 1642925

Ion	Ratio	Lower	Upper
99	100		
42	22.4	20.5	30.7
71	48.4	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

1200000

1000000

800000

600000

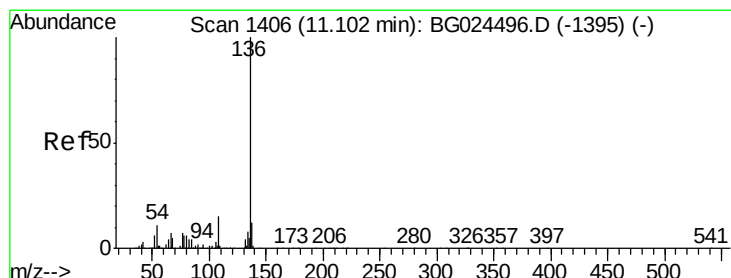
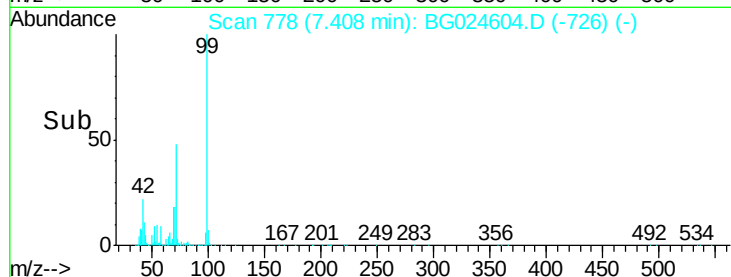
400000

200000

0

7.30 7.35 7.40 7.45 7.50

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1405

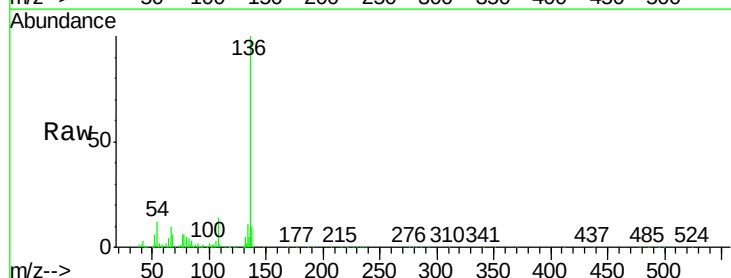
Delta R.T. -0.01 min

Lab File: BG024604.D

Acq: 1 Nov 2016 22:22

Tgt Ion: 136 Resp: 495320

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	12.0	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

400000

300000

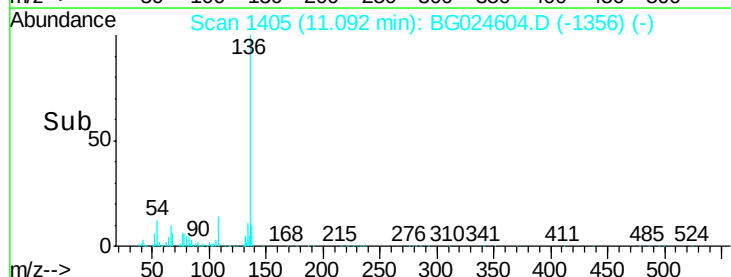
200000

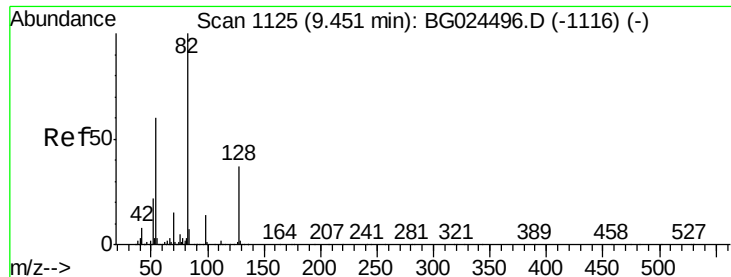
100000

0

11.00 11.10

Time-->

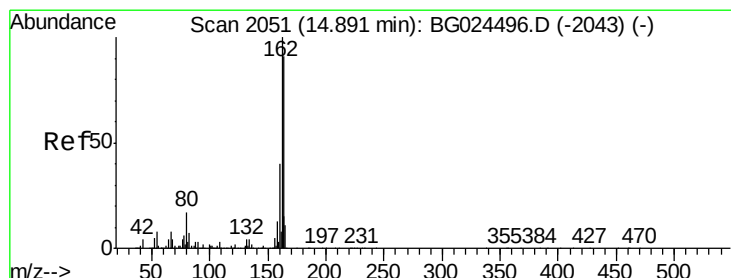
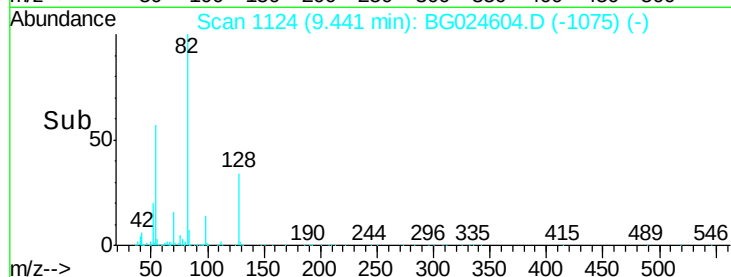
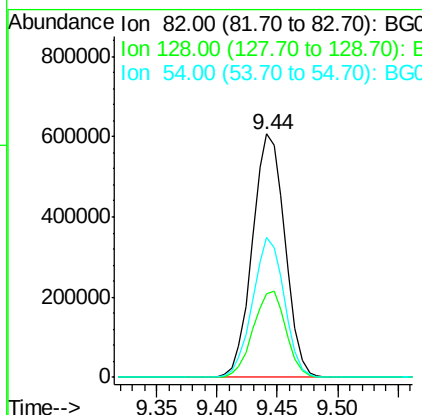
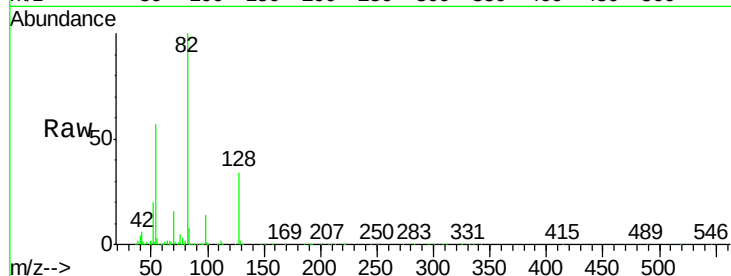




#23
Nitrobenzene-d5
Concen: 105.18 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024604.D
Acq: 1 Nov 2016 22:22

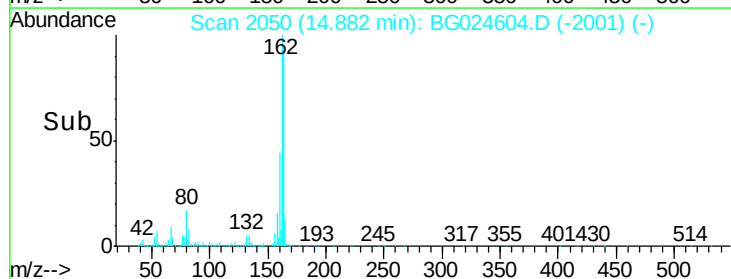
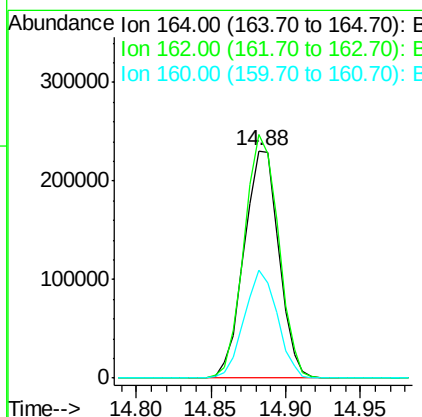
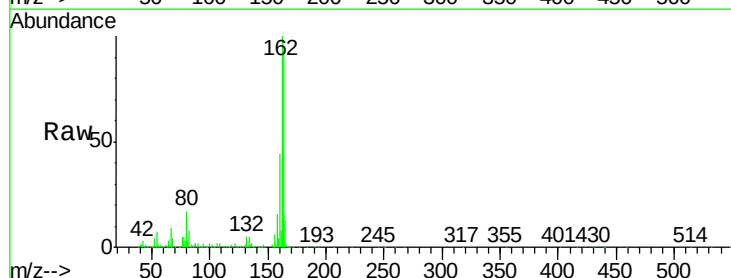
Instrument :
BNA_G
ClientSampleId :
SB-71-6.5-7.5

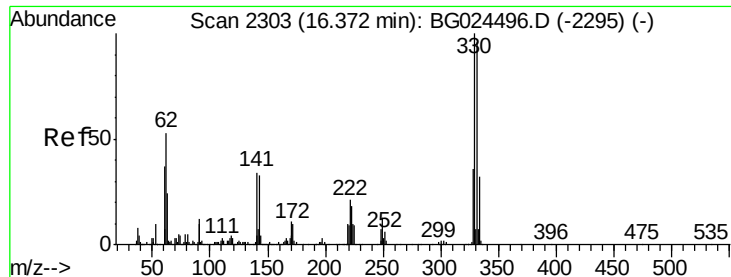
Tot Ion: 82 Resp: 1144245
Ion Ratio Lower Upper
82 100
128 34.4 26.4 39.6
54 57.4 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024604.D
Acq: 1 Nov 2016 22:22

Tgt Ion: 164 Resp: 371907
Ion Ratio Lower Upper
164 100
162 107.1 85.1 127.7
160 47.4 34.7 52.1

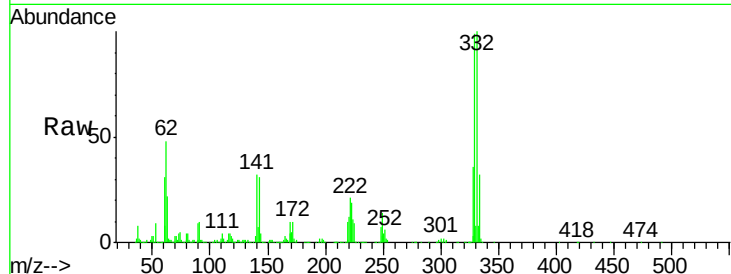




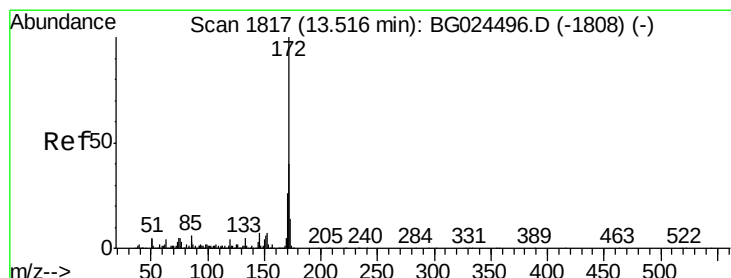
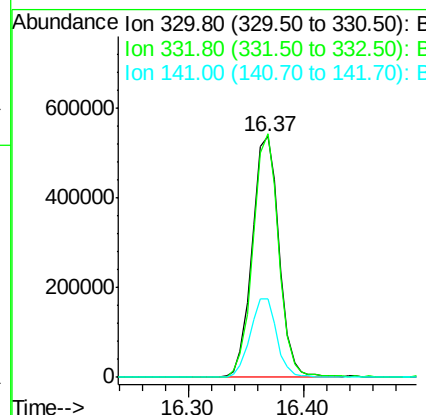
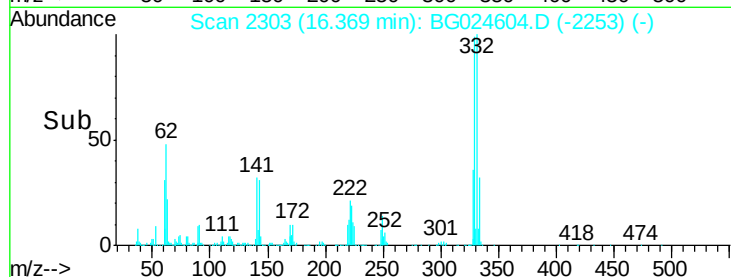
#41
2,4,6-Tribromophenol
Concen: 156.73 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024604.D
Acq: 1 Nov 2016 22:22

Instrument :
BNA_G
ClientSampleId :
SB-71-6.5-7.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	32.5	32.1	48.1

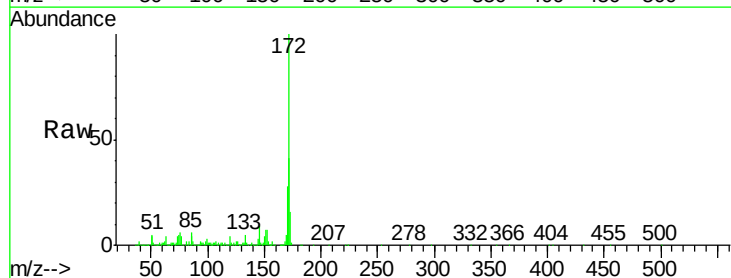


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

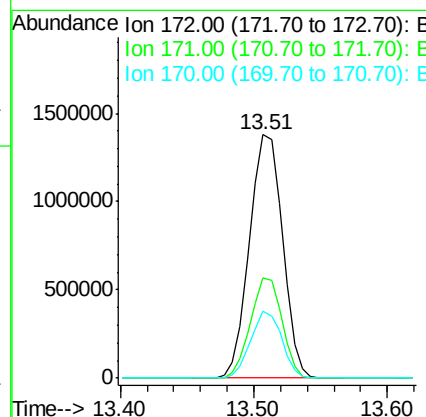
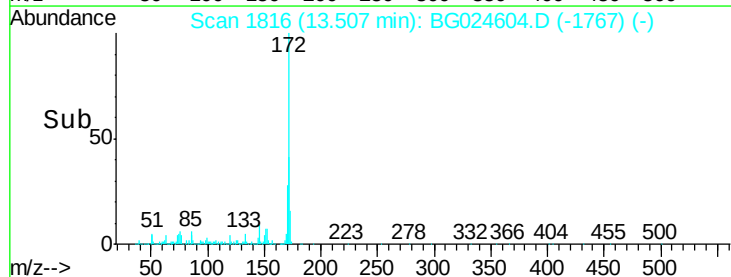


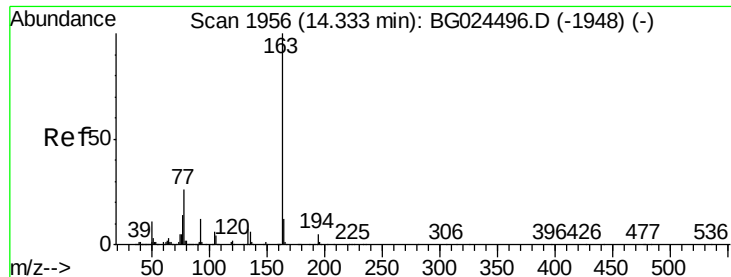
#44
2-Fluorobiphenyl
Concen: 105.13 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024604.D
Acq: 1 Nov 2016 22:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.3	32.2	48.2
170	27.7	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: 23.23 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG024604.D

Acq: 1 Nov 2016 22:22

Instrument :

BNA_G

ClientSampleId :

SB-71-6.5-7.5

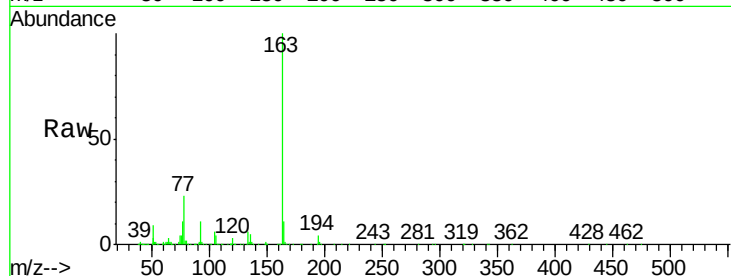
Tot Ion:163 Resp: 613324

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

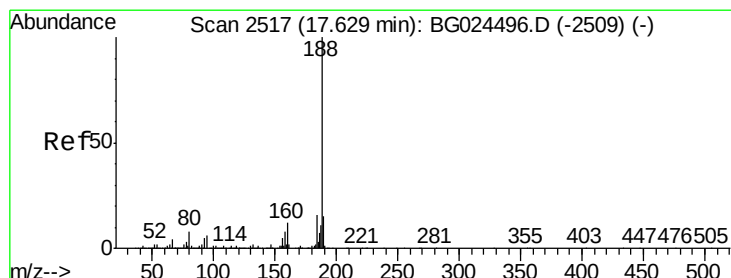
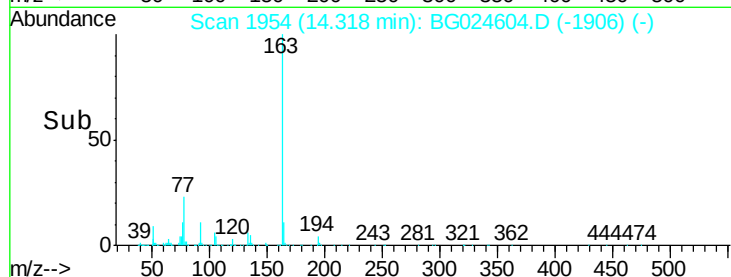
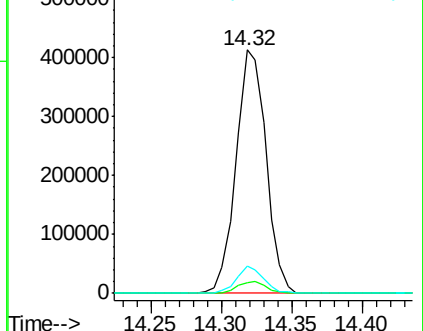
164 11.5 9.3 13.9



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: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024604.D

Acq: 1 Nov 2016 22:22

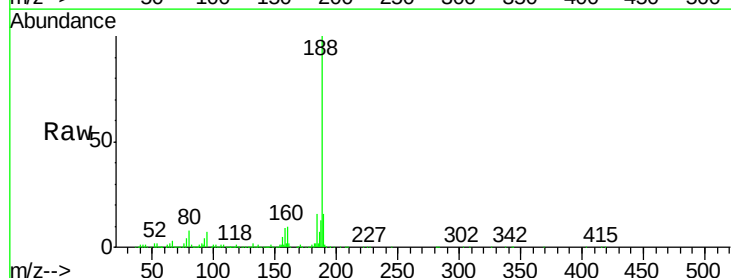
Tgt Ion:188 Resp: 825927

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

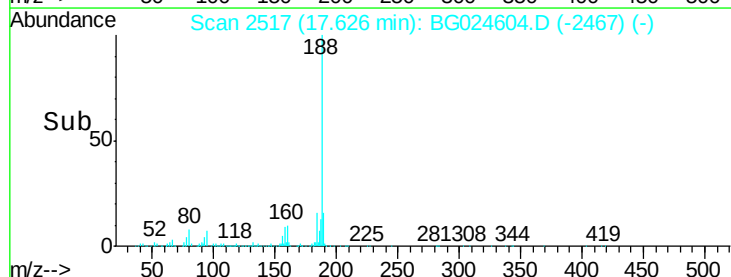
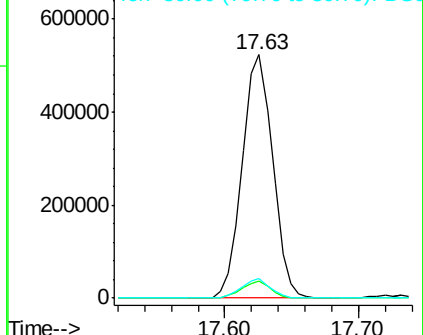
80 7.9 7.5 11.3

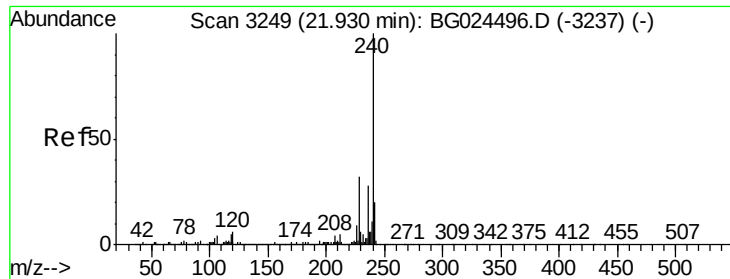


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

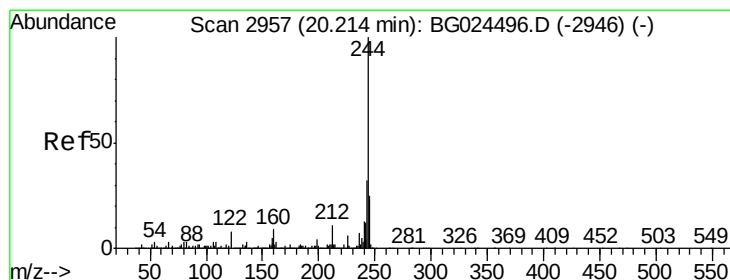
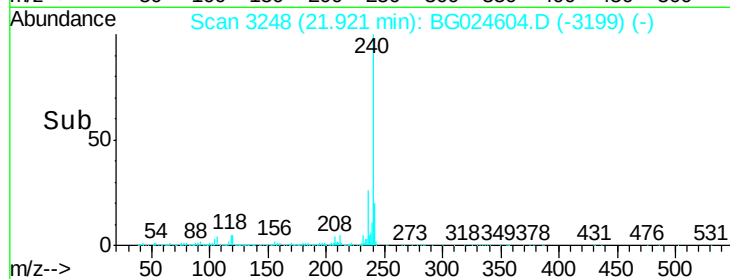
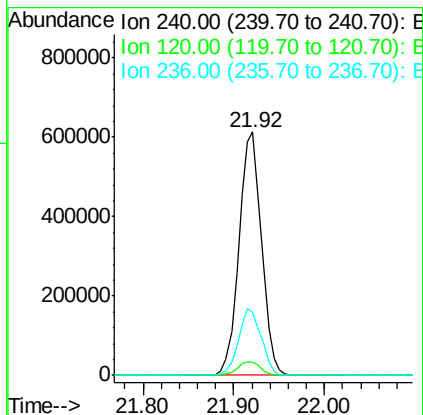
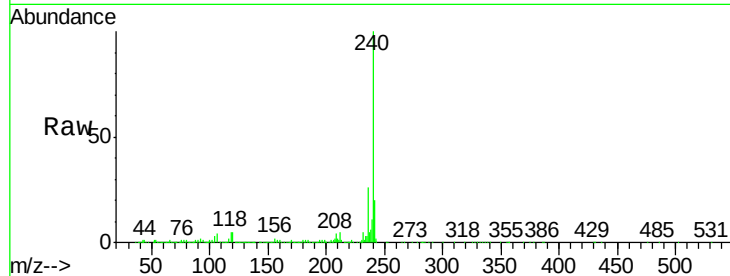




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.92 min Scan# 3248
 Delta R.T. -0.01 min
 Lab File: BG024604.D
 Acq: 1 Nov 2016 22:22

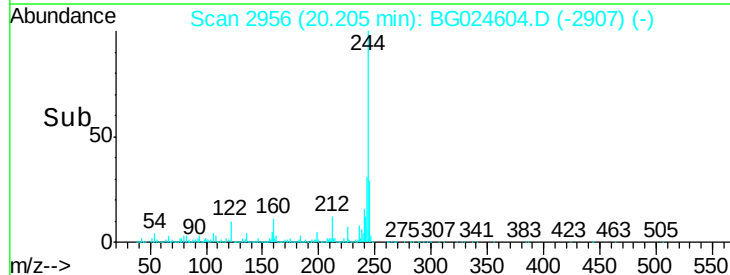
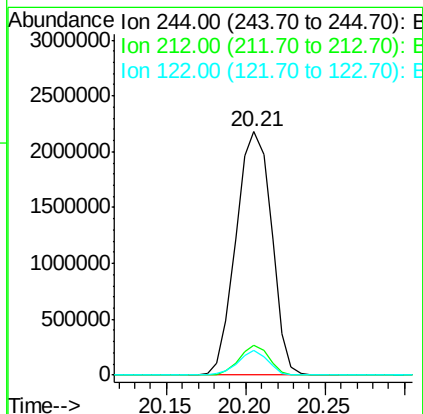
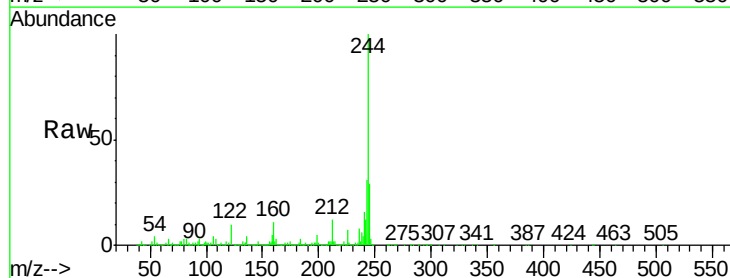
Instrument :
 BNA_G
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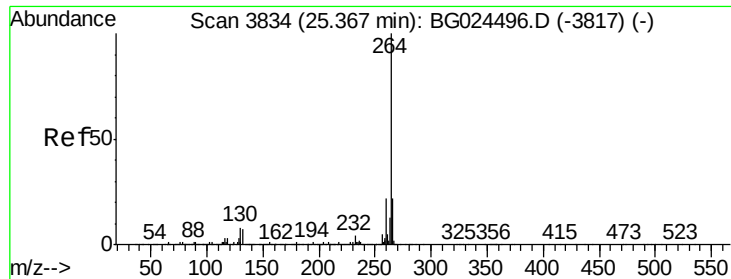
Tot Ion:240 Resp: 1057498
 Ion Ratio Lower Upper
 240 100
 120 5.4 5.7 8.5#
 236 26.1 22.2 33.4



#78
 Terphenyl-d14
 Concen: 95.97 ng
 RT: 20.21 min Scan# 2956
 Delta R.T. -0.01 min
 Lab File: BG024604.D
 Acq: 1 Nov 2016 22:22

Tgt Ion:244 Resp: 3396292
 Ion Ratio Lower Upper
 244 100
 212 12.1 10.0 15.0
 122 10.4 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: BG024604.D
 Acq: 1 Nov 2016 22:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-71-6.5-7.5

Tot Ion:264 Resp: 1084475

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.8	32.8
265	22.8	18.2	27.4

