

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024662.D
 Acq On : 4 Nov 2016 00:58
 Operator : UM/SJ
 Sample : H5502-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-79-0.5-1.0

Quant Time: Nov 04 02:08:06 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

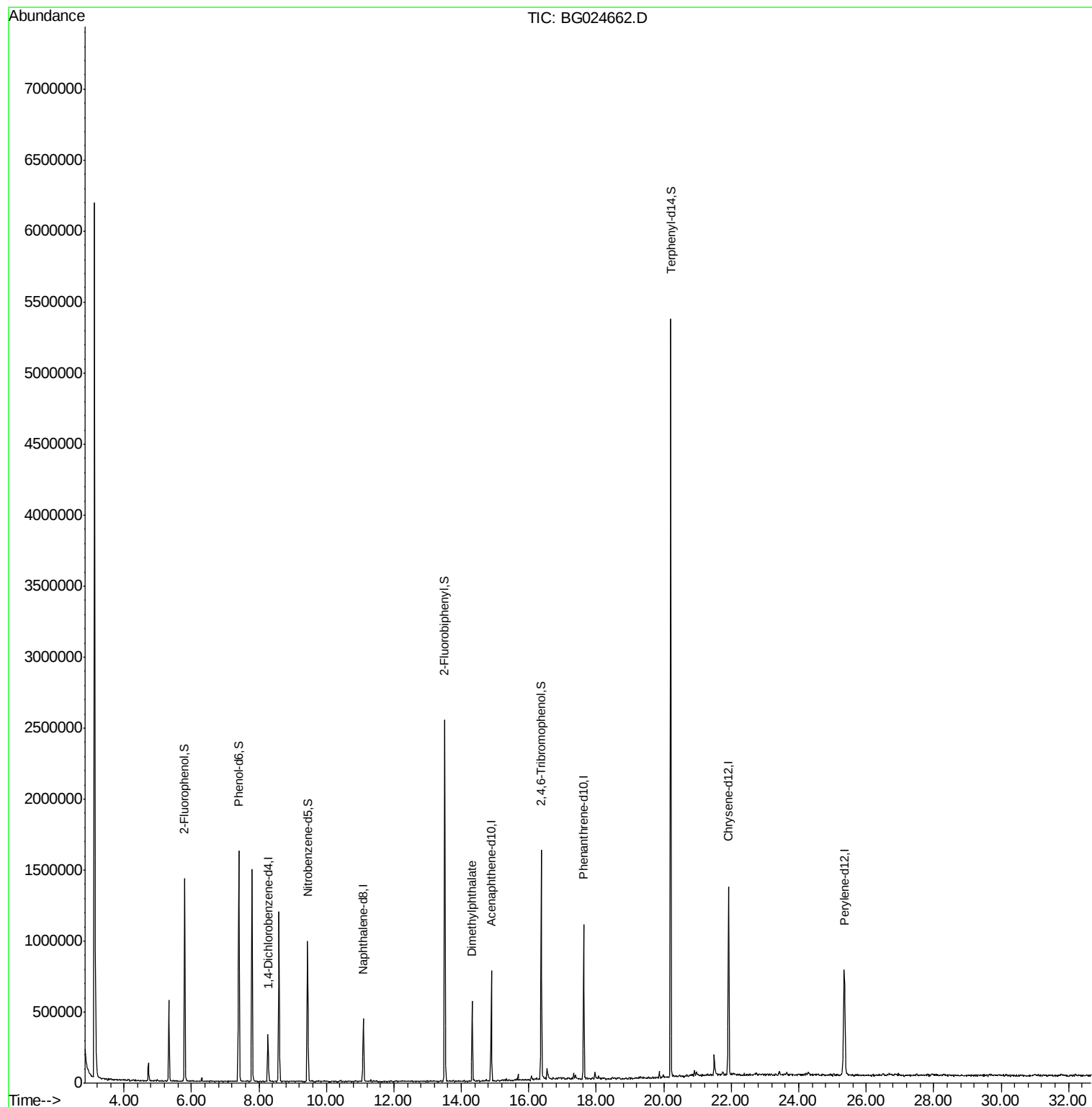
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	91325	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	363985	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	279436	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	665991	20.00	ng	0.00
75) Chrysene-d12	21.92	240	897515	20.00	ng	-0.01
86) Perylene-d12	25.35	264	934510	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	570725	102.43	ng	0.00
7) Phenol-d6	7.40	99	900544	117.82	ng	0.00
23) Nitrobenzene-d5	9.44	82	635375	79.48	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	332588	79.67	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1294344	76.99	ng	0.00
78) Terphenyl-d14	20.20	244	2406040	80.10	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.32	163	344184	17.35	ng	Qvalue # 94

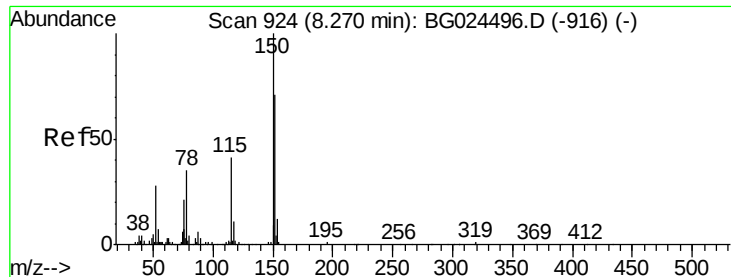
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024662.D

Acq: 4 Nov 2016 00:58

Instrument :

BNA_G

ClientSampleId :

SB-79-0.5-1.0

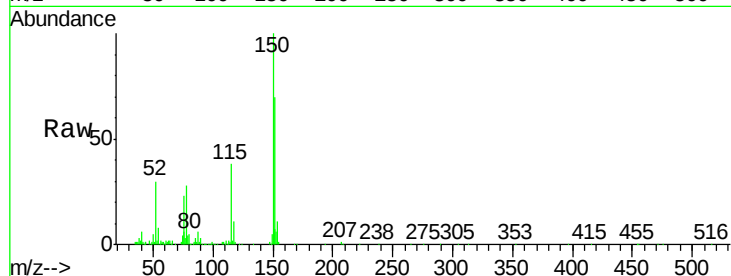
Tgt Ion:152 Resp: 91325

Ion Ratio Lower Upper

152 100

150 142.0 114.0 171.0

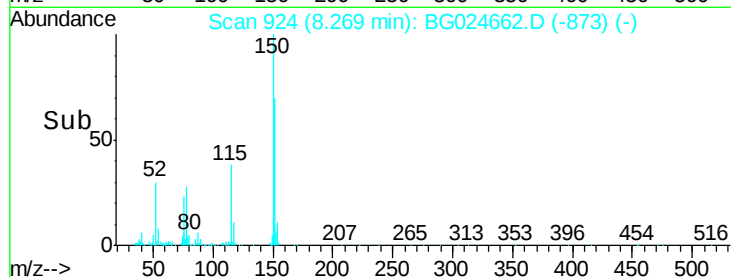
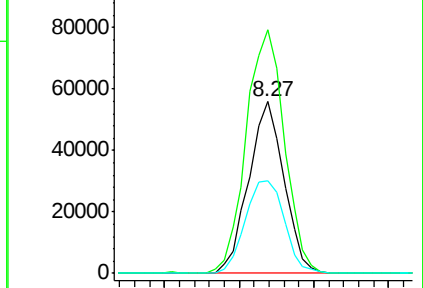
115 54.2 48.1 72.1



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: 102.43 ng

RT: 5.80 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024662.D

Acq: 4 Nov 2016 00:58

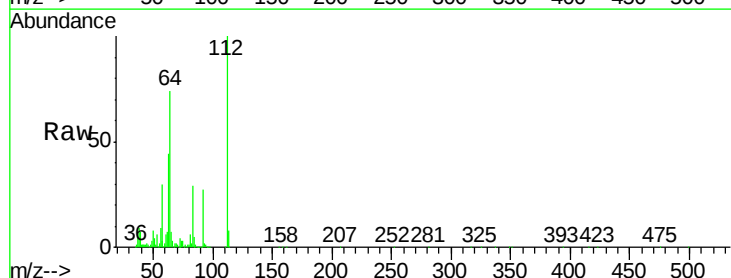
Tgt Ion:112 Resp: 570725

Ion Ratio Lower Upper

112 100

64 74.0 61.8 92.6

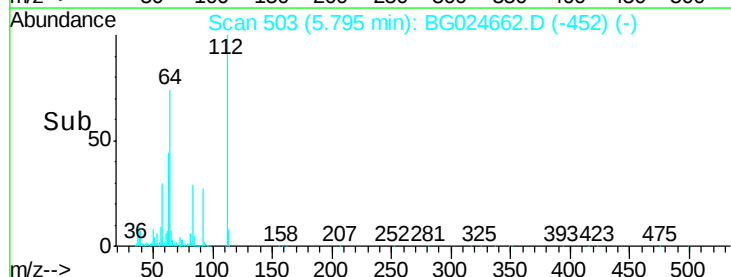
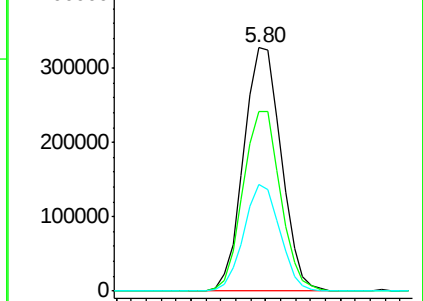
63 44.0 37.2 55.8



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: 117.82 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024662.D

Acq: 4 Nov 2016 00:58

Instrument :

BNA_G

ClientSampleId :

SB-79-0.5-1.0

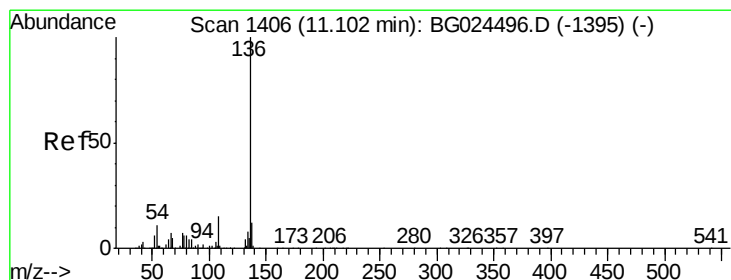
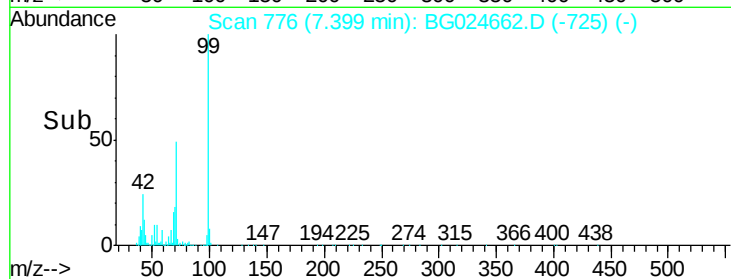
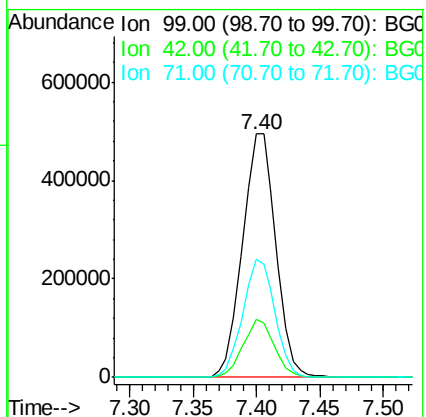
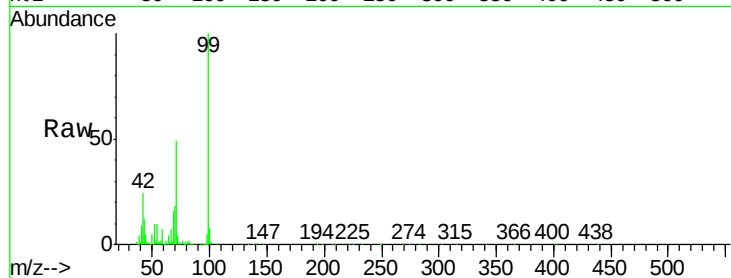
Tgt Ion: 99 Resp: 900544

Ion Ratio Lower Upper

99 100

42 23.7 20.5 30.7

71 48.5 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024662.D

Acq: 4 Nov 2016 00:58

Tgt Ion: 136 Resp: 363985

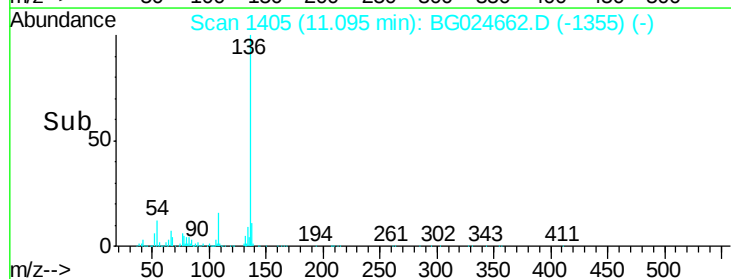
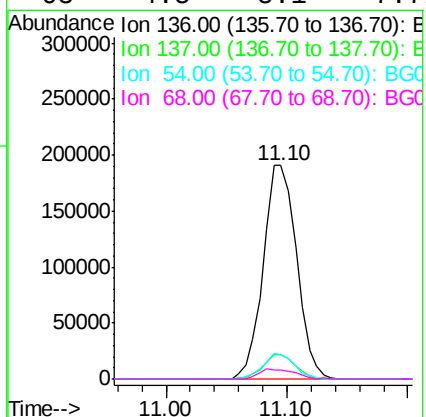
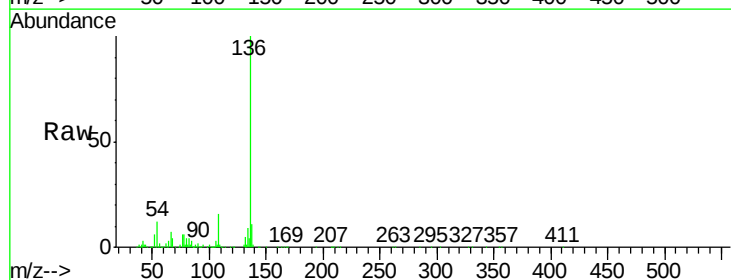
Ion Ratio Lower Upper

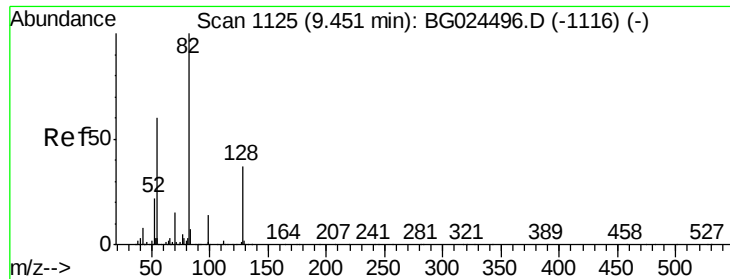
136 100

137 11.4 8.9 13.3

54 11.7 9.3 13.9

68 4.5 5.1 7.7#

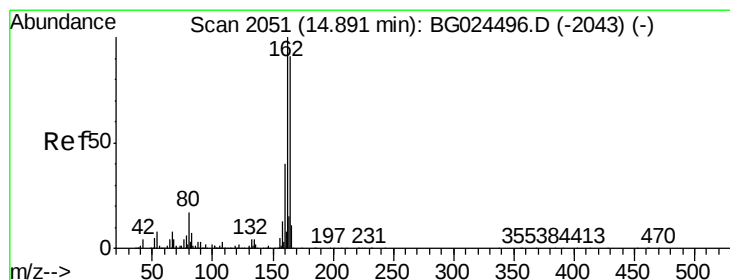
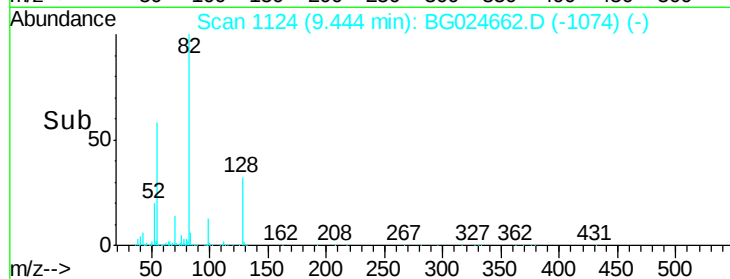
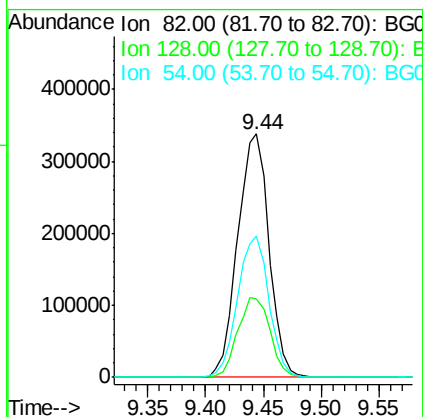
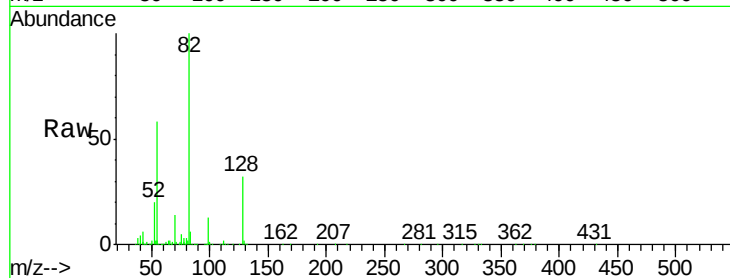




#23
 Nitrobenzene-d5
 Concen: 79.48 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024662.D
 Acq: 4 Nov 2016 00:58

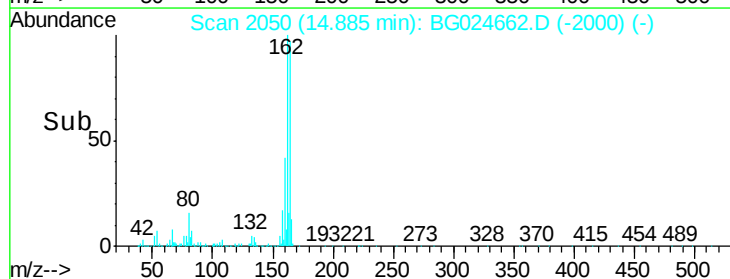
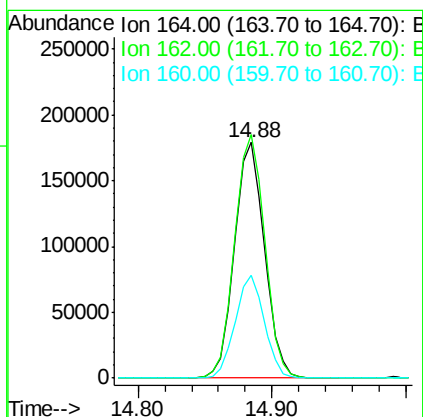
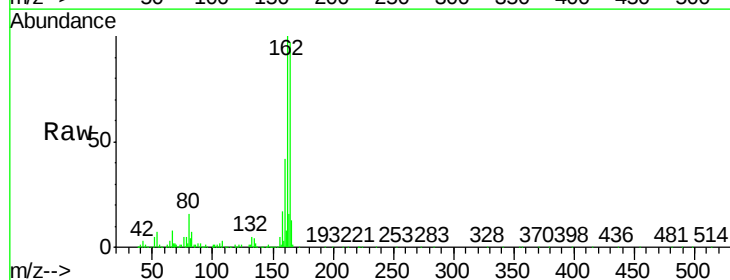
Instrument :
 BNA_G
 ClientSampleId :
 SB-79-0.5-1.0

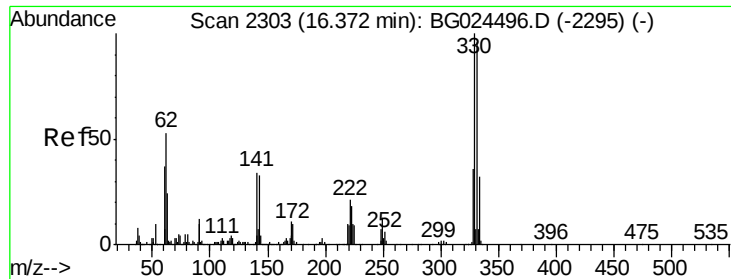
Tgt Ion: 82 Resp: 635375
 Ion Ratio Lower Upper
 82 100
 128 32.1 26.4 39.6
 54 57.8 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024662.D
 Acq: 4 Nov 2016 00:58

Tgt Ion: 164 Resp: 279436
 Ion Ratio Lower Upper
 164 100
 162 103.4 85.1 127.7
 160 43.5 34.7 52.1

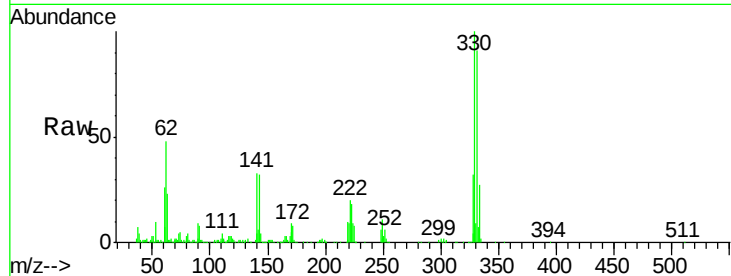




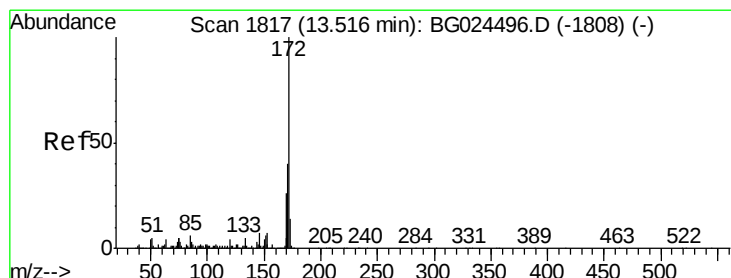
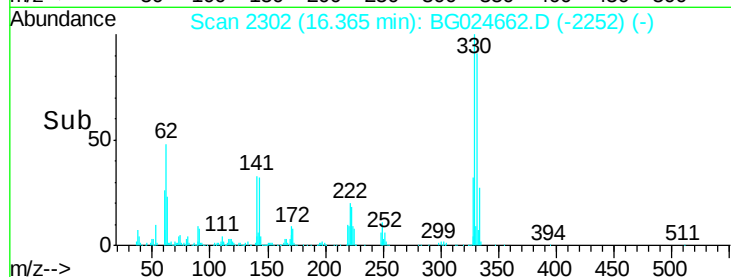
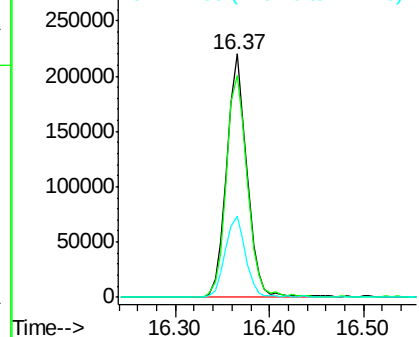
#41
 2,4,6-Tribromophenol
 Concen: 79.67 ng
 RT: 16.37 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024662.D
 Acq: 4 Nov 2016 00:58

Instrument :
 BNA_G
 ClientSampleId :
 SB-79-0.5-1.0

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.3	115.9
141	33.8	32.1	48.1

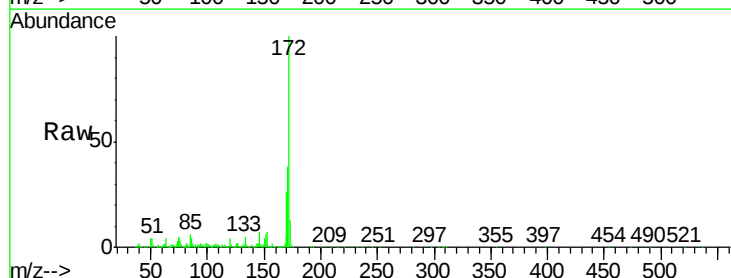


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

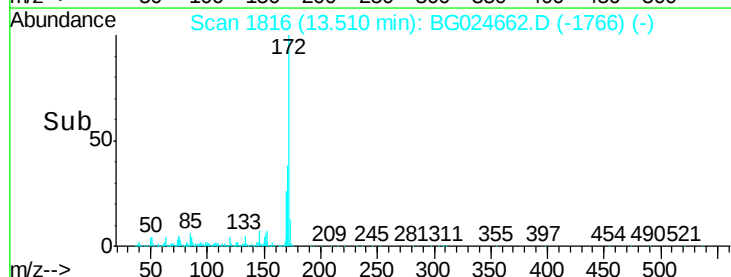
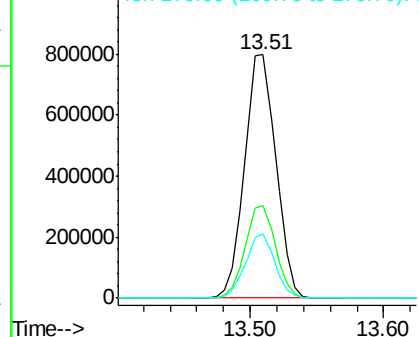


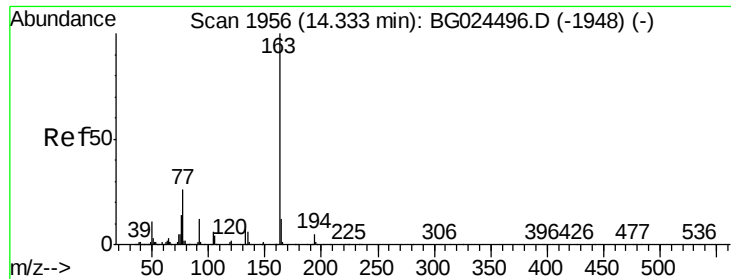
#44
 2-Fluorobiphenyl
 Concen: 76.99 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024662.D
 Acq: 4 Nov 2016 00:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.2	48.2
170	26.3	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: 17.35 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024662.D

Acq: 4 Nov 2016 00:58

Instrument :

BNA_G

ClientSampleId :

SB-79-0.5-1.0

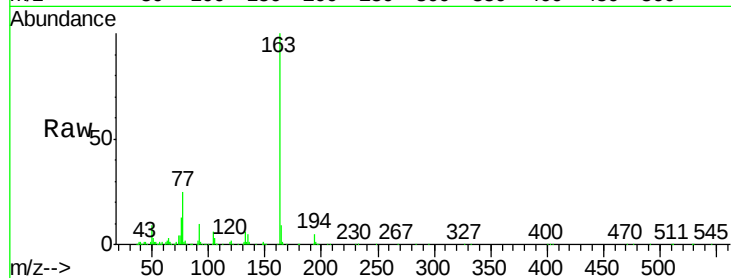
Tgt Ion:163 Resp: 344184

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.6

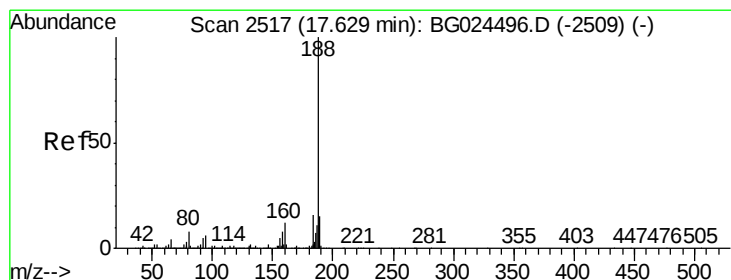
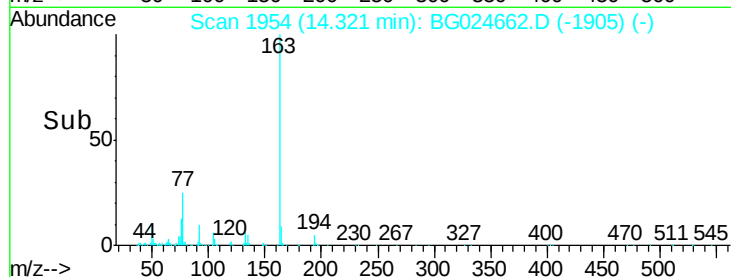
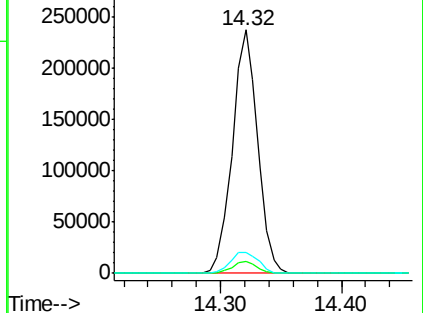
164 8.7 9.3 13.9#



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: BG024662.D

Acq: 4 Nov 2016 00:58

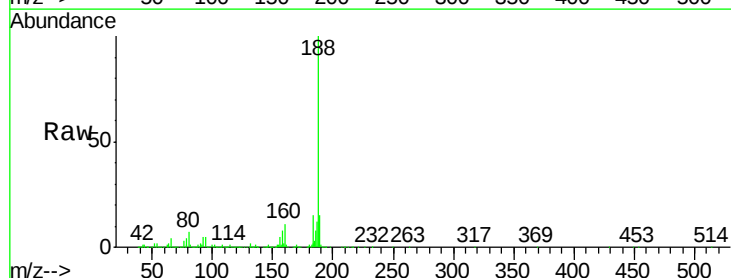
Tgt Ion:188 Resp: 665991

Ion Ratio Lower Upper

188 100

94 5.3 5.8 8.8#

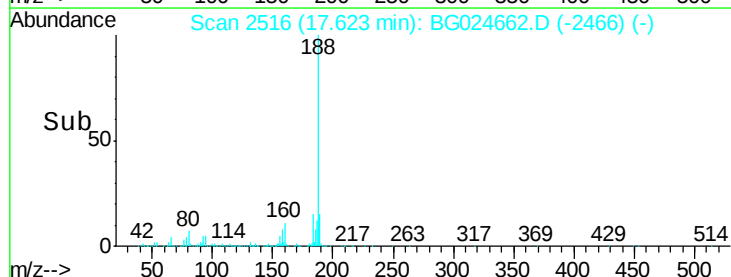
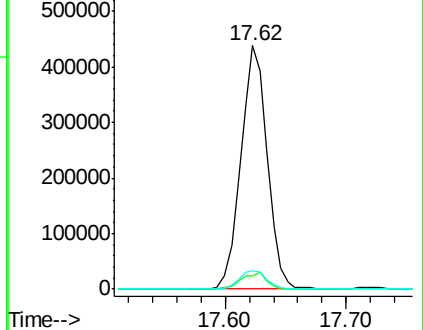
80 7.5 7.5 11.3#

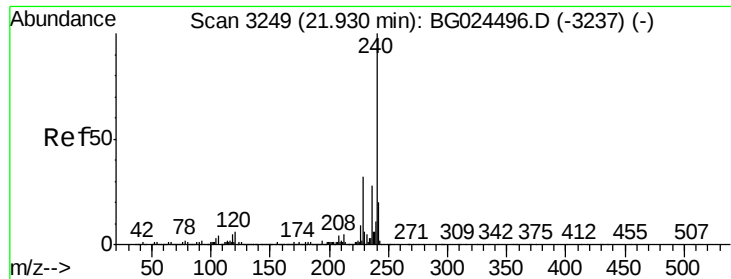


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

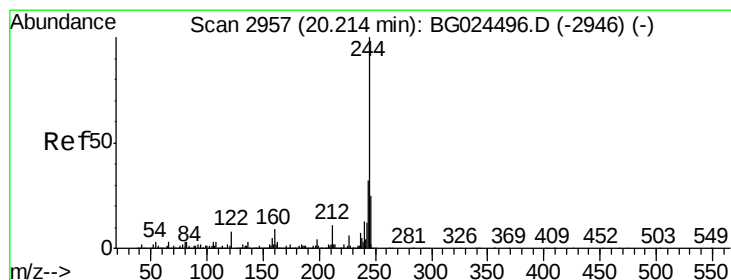
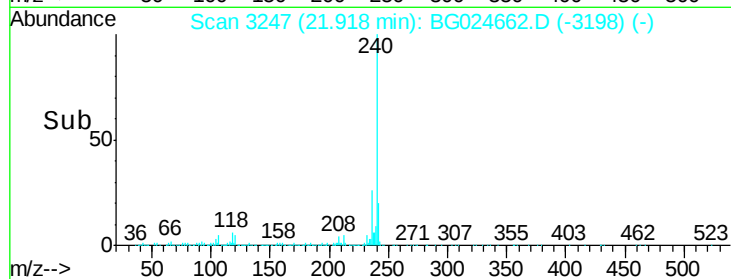
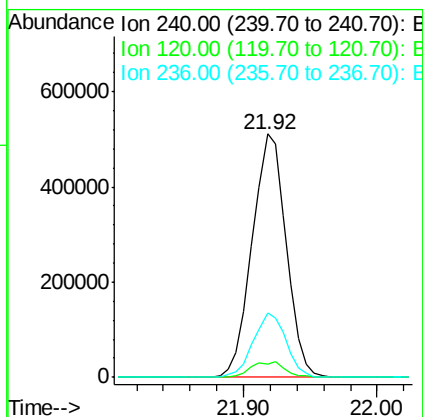
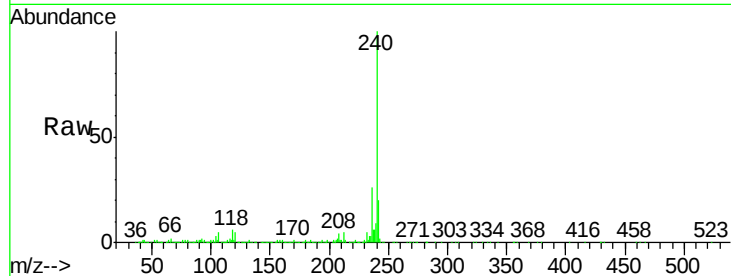




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.92 min Scan# 3247
 Delta R.T. -0.01 min
 Lab File: BG024662.D
 Acq: 4 Nov 2016 00:58

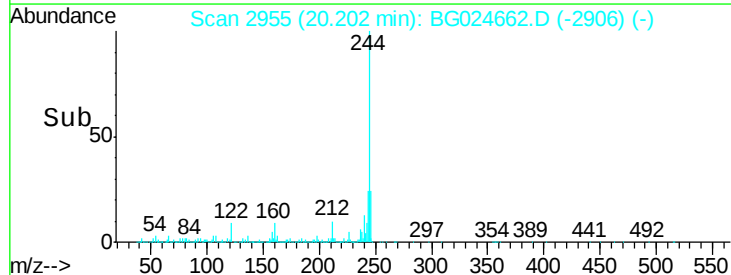
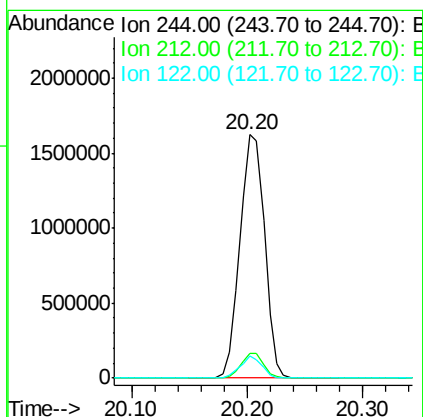
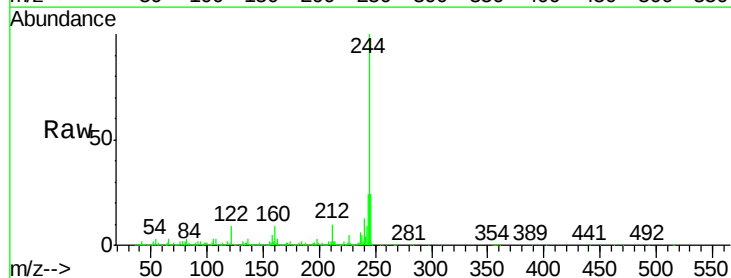
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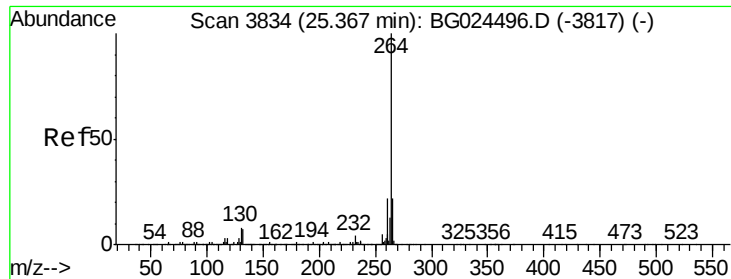
Tgt Ion:240 Resp: 897515
 Ion Ratio Lower Upper
 240 100
 120 5.4 5.7 8.5#
 236 26.4 22.2 33.4



#78
 Terphenyl-d14
 Concen: 80.10 ng
 RT: 20.20 min Scan# 2955
 Delta R.T. -0.01 min
 Lab File: BG024662.D
 Acq: 4 Nov 2016 00:58

Tgt Ion:244 Resp: 2406040
 Ion Ratio Lower Upper
 244 100
 212 10.4 10.0 15.0
 122 9.2 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024662.D
Acq: 4 Nov 2016 00:58

Instrument :
BNA_G
ClientSampleId :
SB-79-0.5-1.0

Tgt Ion:	264	Resp:	934510
Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	20.6	18.2	27.4

