

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024656.D
 Acq On : 3 Nov 2016 21:06
 Operator : UM/SJ
 Sample : H5491-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0

Quant Time: Nov 04 02:22:56 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

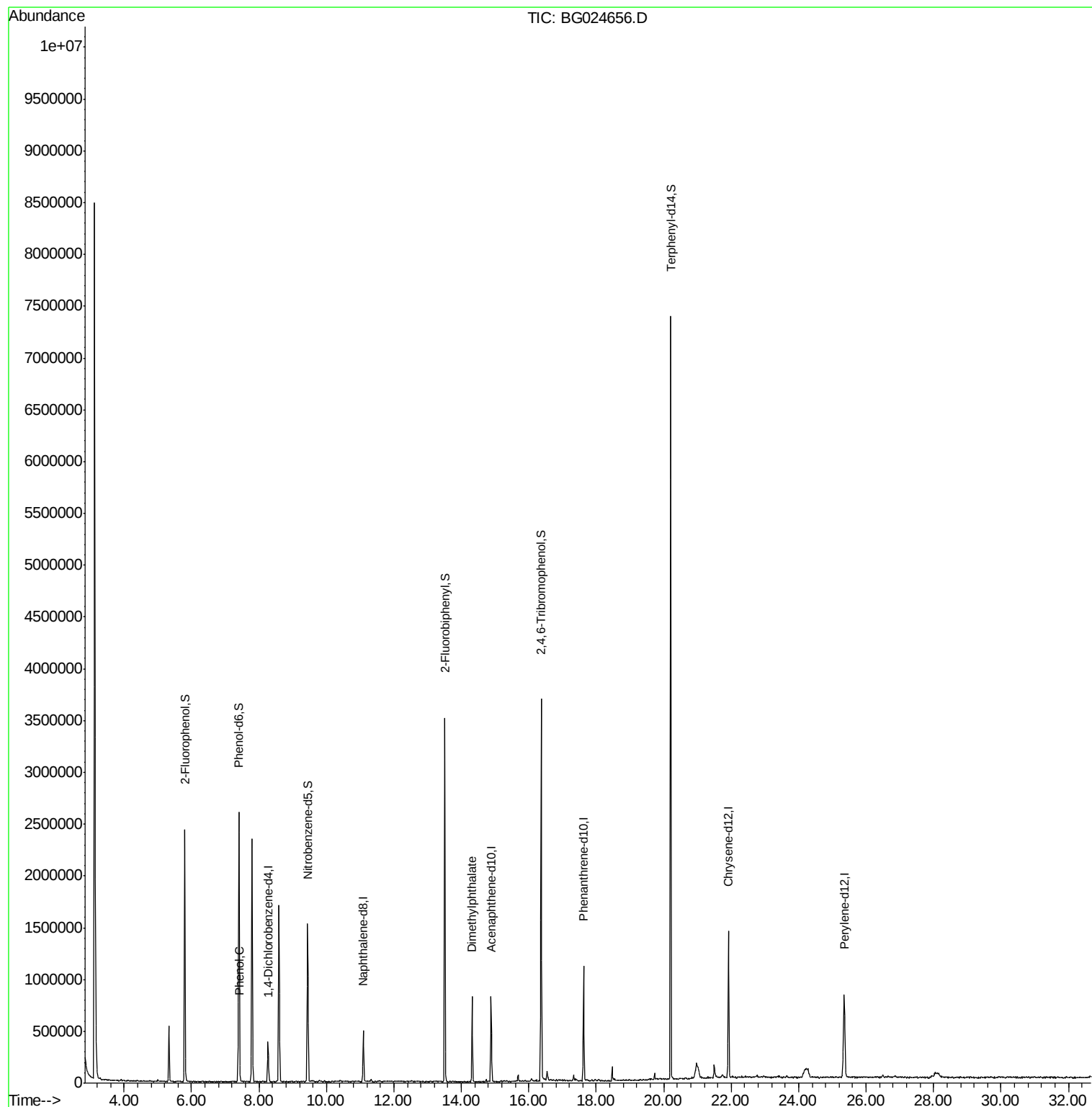
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	101049	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	389234	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	302817	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	711503	20.00	ng	0.00
75) Chrysene-d12	21.92	240	956671	20.00	ng	-0.01
86) Perylene-d12	25.35	264	972628	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	957252	155.26	ng	0.00
7) Phenol-d6	7.40	99	1376939	162.81	ng	0.00
23) Nitrobenzene-d5	9.44	82	965573	112.95	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	721007	159.38	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1776243	97.49	ng	0.00
78) Terphenyl-d14	20.21	244	2955680	92.32	ng	0.00
Target Compounds						
10) Phenol	7.43	94	19990	2.29	ng	95
49) Dimethylphthalate	14.32	163	516735	24.04	ng	98

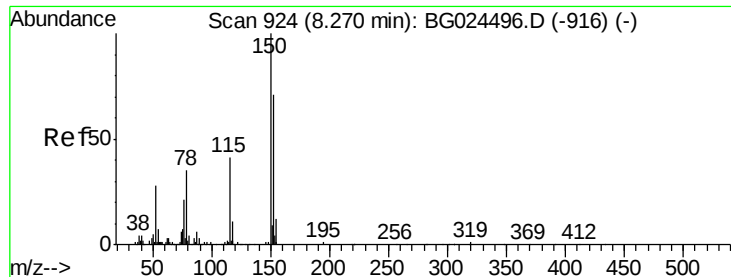
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024656.D

Acq: 3 Nov 2016 21:06

Instrument :

BNA_G

ClientSampleId :

SB-78-14.0-15.0

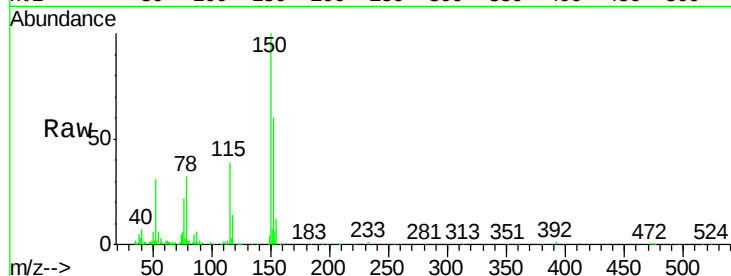
Tgt Ion:152 Resp: 101049

Ion Ratio Lower Upper

152 100

150 166.9 114.0 171.0

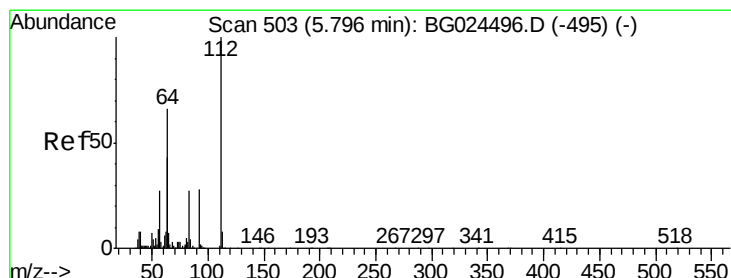
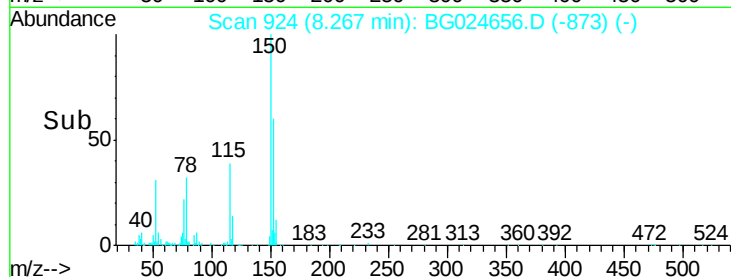
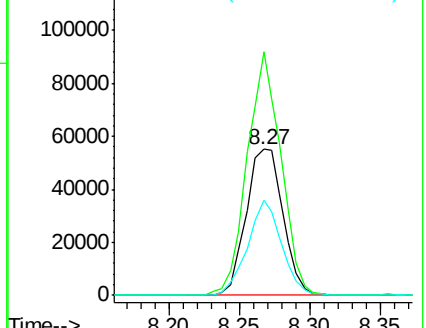
115 65.6 48.1 72.1



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: 155.26 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024656.D

Acq: 3 Nov 2016 21:06

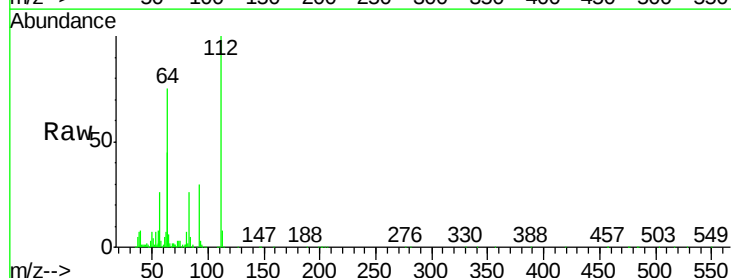
Tgt Ion:112 Resp: 957252

Ion Ratio Lower Upper

112 100

64 75.3 61.8 92.6

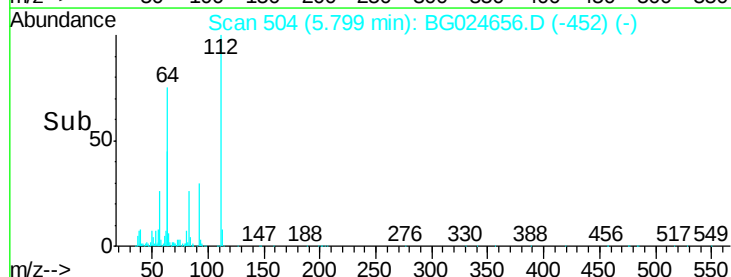
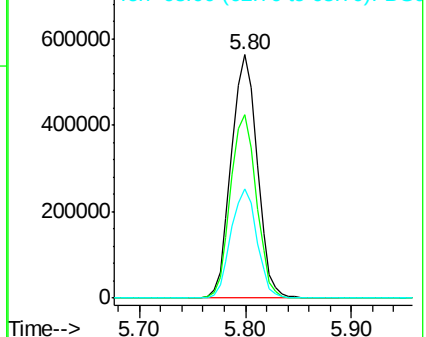
63 44.9 37.2 55.8



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: 162.81 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024656.D

Acq: 3 Nov 2016 21:06

Instrument :

BNA_G

ClientSampleId :

SB-78-14.0-15.0

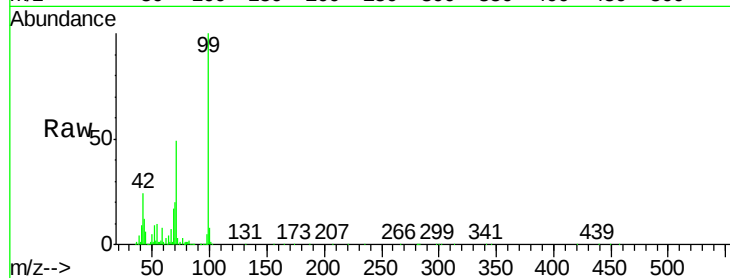
Tgt Ion: 99 Resp: 1376939

Ion Ratio Lower Upper

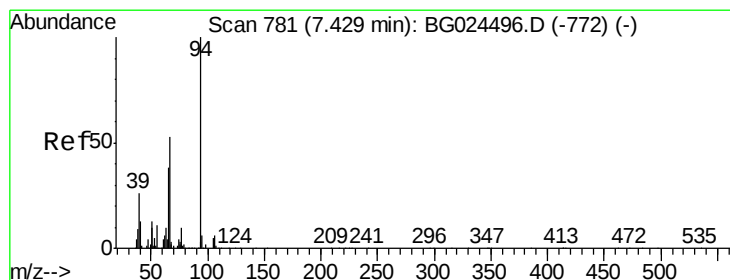
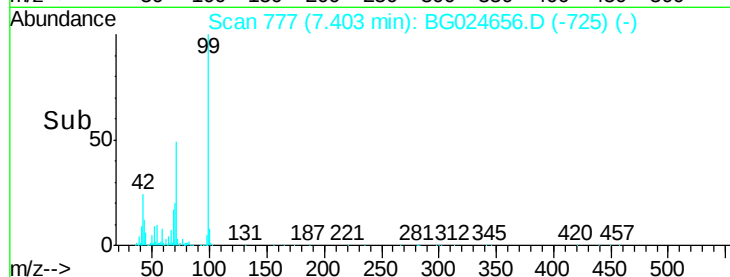
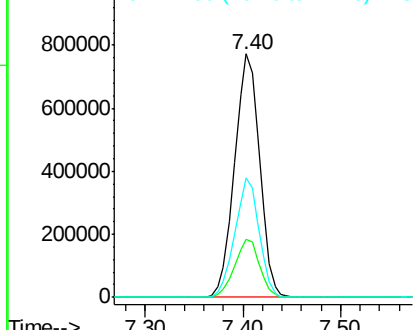
99 100

42 24.0 20.5 30.7

71 49.0 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



#10

Phenol

Concen: 2.29 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024656.D

Acq: 3 Nov 2016 21:06

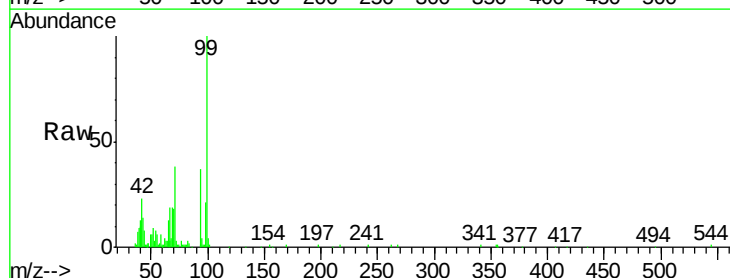
Tgt Ion: 94 Resp: 19990

Ion Ratio Lower Upper

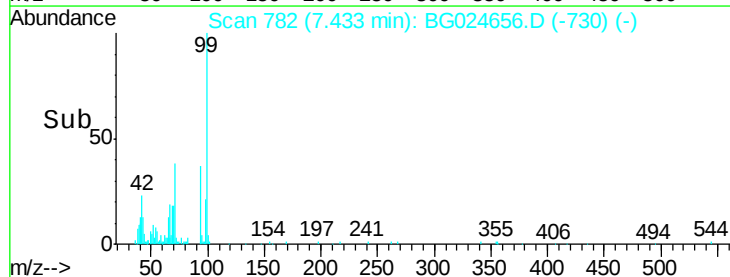
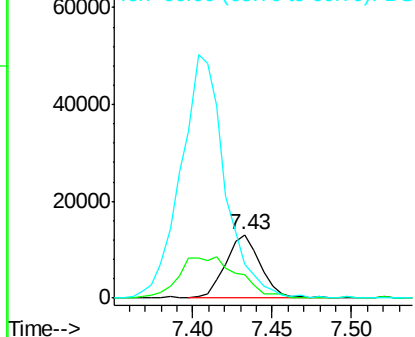
94 100

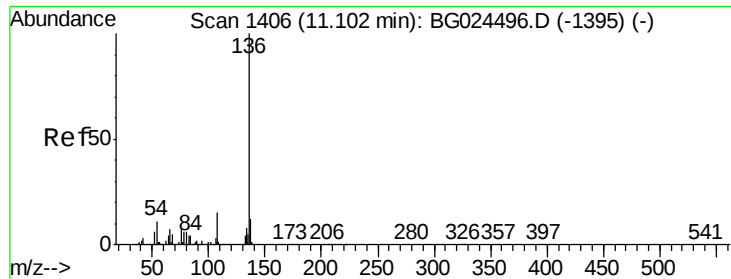
65 36.3 20.6 60.6

66 52.5 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

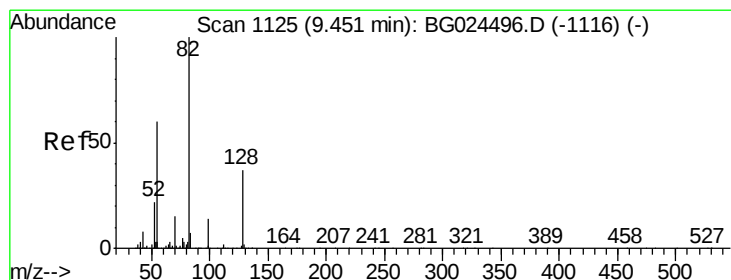
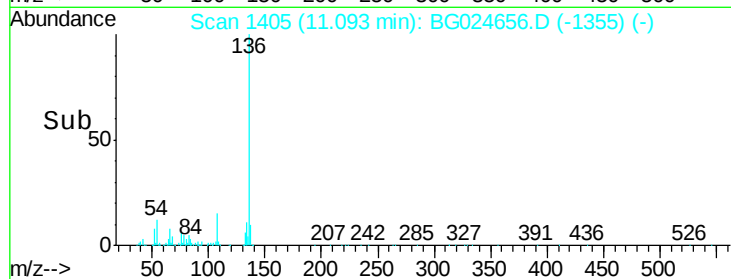
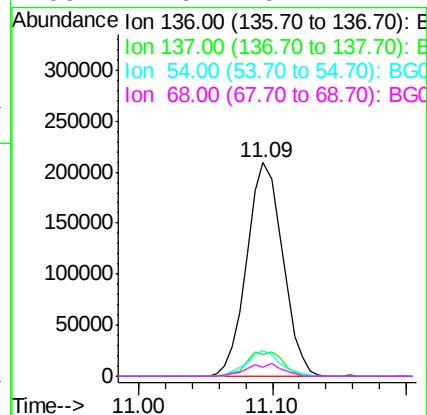
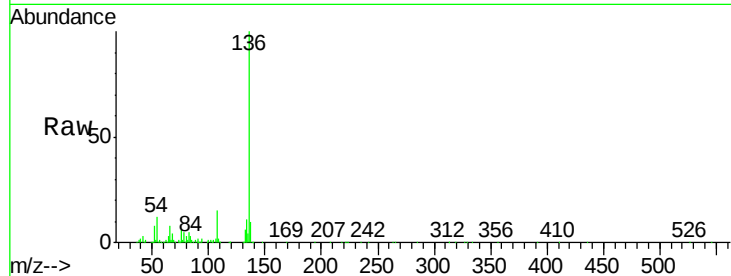




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024656.D
Acq: 3 Nov 2016 21:06

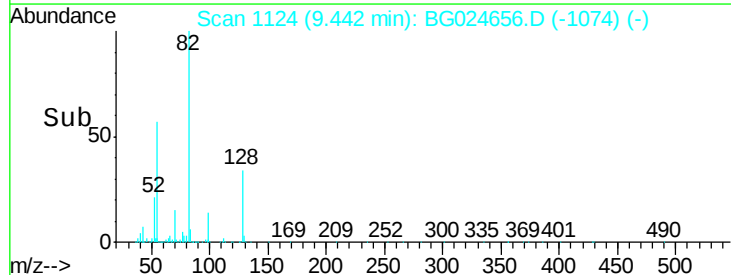
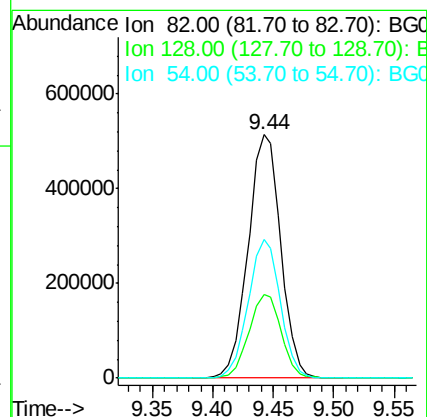
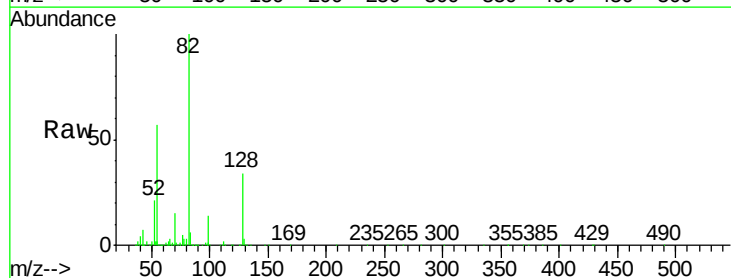
Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0

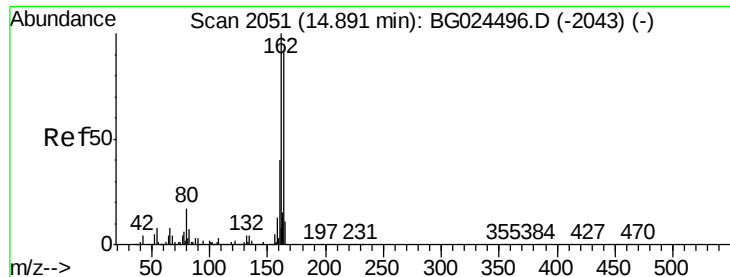
Tgt Ion:	136	Resp:	389234
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	11.9	9.3	13.9
68	4.5	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 112.95 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024656.D
Acq: 3 Nov 2016 21:06

Tgt Ion:	82	Resp:	965573
Ion	Ratio	Lower	Upper
82	100		
128	34.1	26.4	39.6
54	57.1	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: BG024656.D

Acq: 3 Nov 2016 21:06

Instrument :

BNA_G

ClientSampleId :

SB-78-14.0-15.0

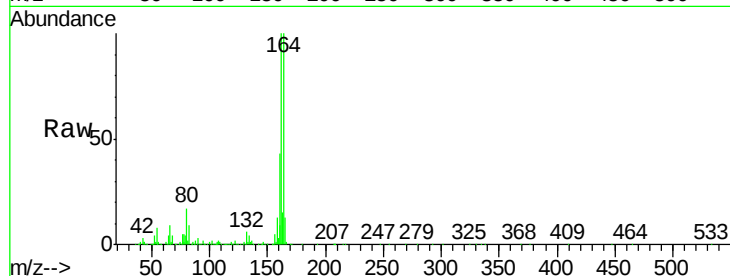
Tgt Ion:164 Resp: 302817

Ion Ratio Lower Upper

164 100

162 99.5 85.1 127.7

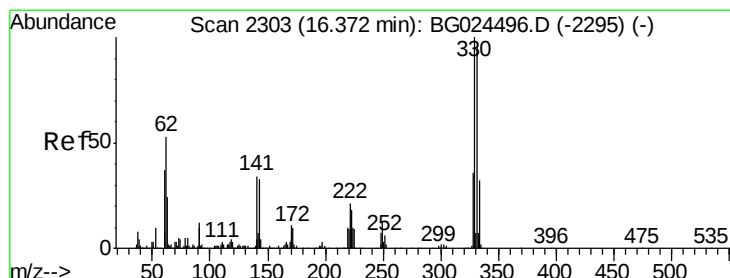
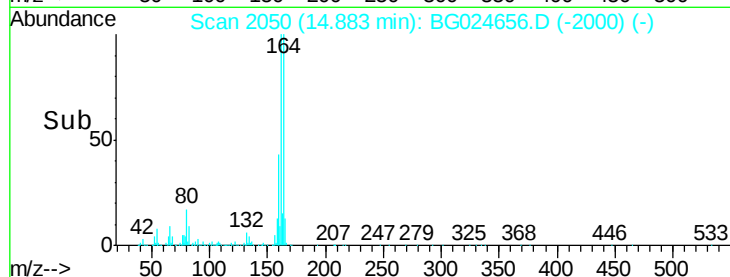
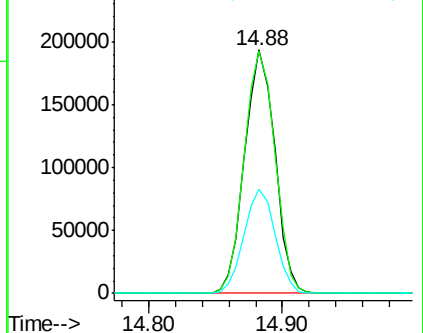
160 42.7 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 159.38 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024656.D

Acq: 3 Nov 2016 21:06

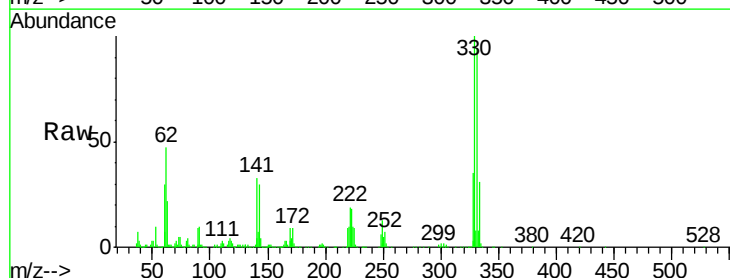
Tgt Ion:330 Resp: 721007

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

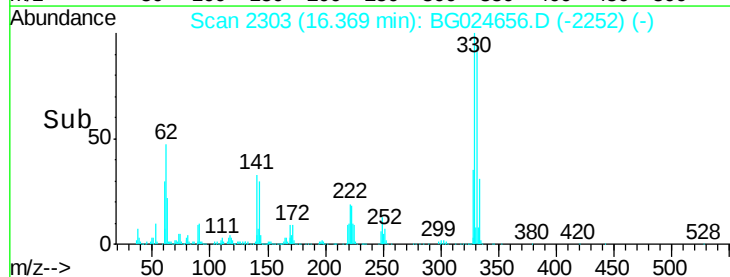
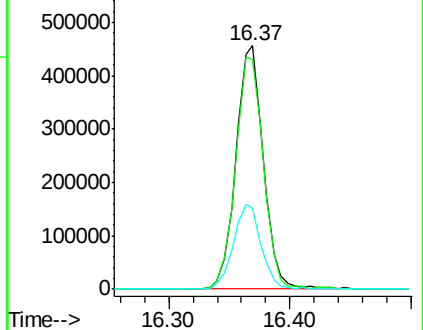
141 35.1 32.1 48.1



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

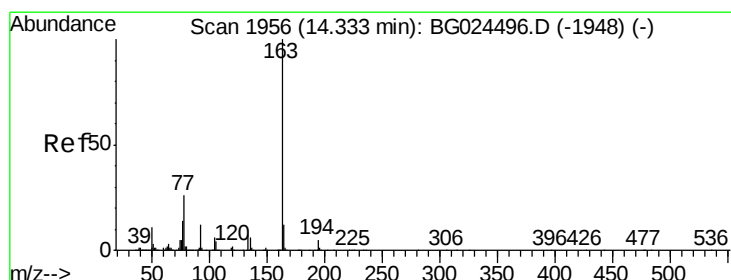
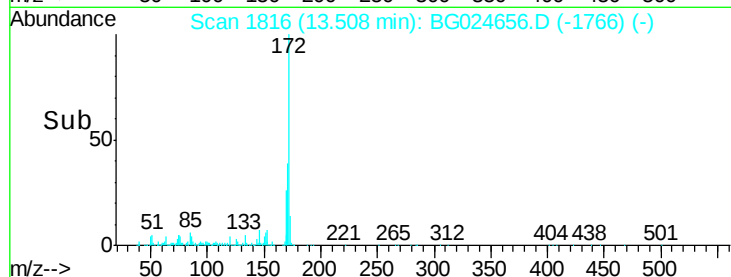
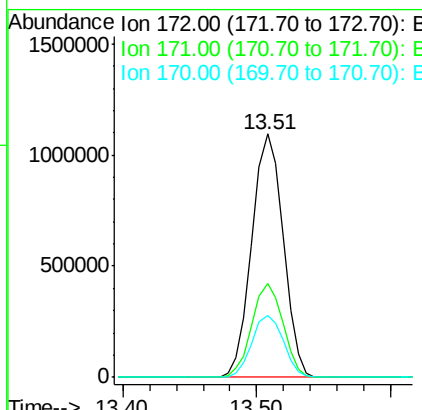
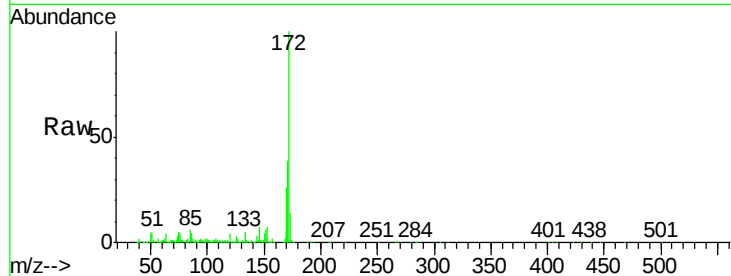




#44
2-Fluorobiphenyl
Concen: 97.49 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024656.D
Acq: 3 Nov 2016 21:06

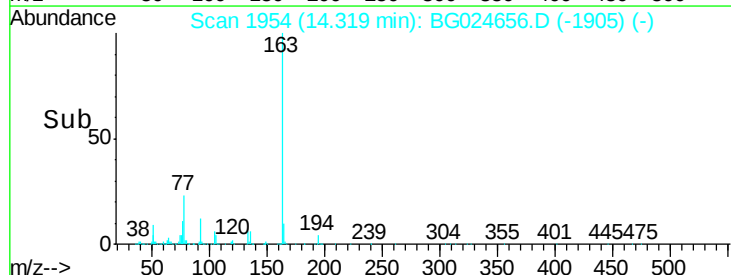
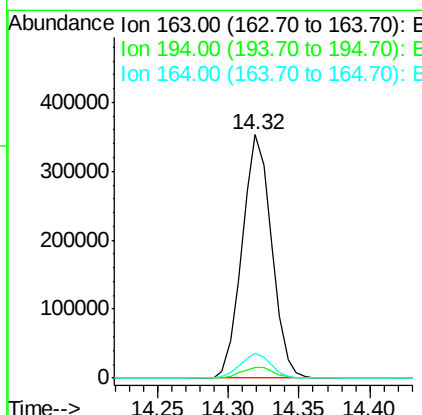
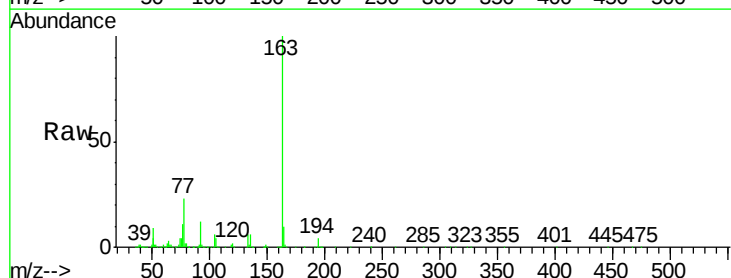
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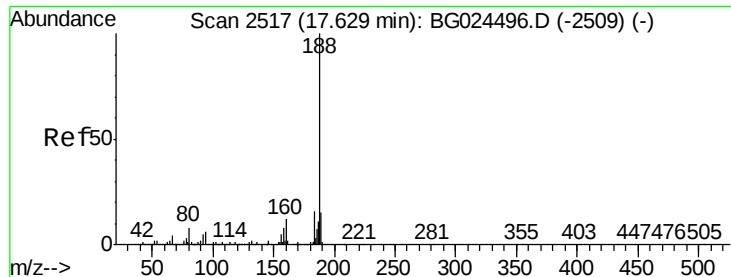
Tgt Ion:172 Resp: 1776243
Ion Ratio Lower Upper
172 100
171 38.5 32.2 48.2
170 25.6 21.8 32.6



#49
Dimethylphthalate
Concen: 24.04 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024656.D
Acq: 3 Nov 2016 21:06

Tgt Ion:163 Resp: 516735
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.6
164 10.4 9.3 13.9

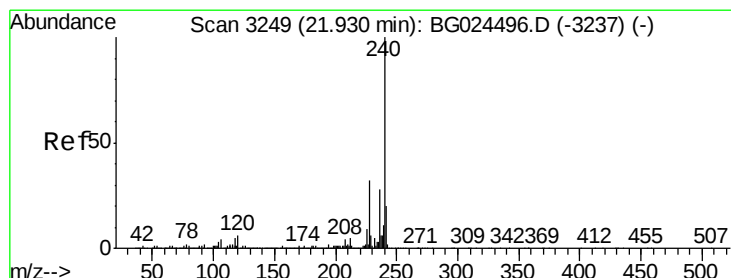
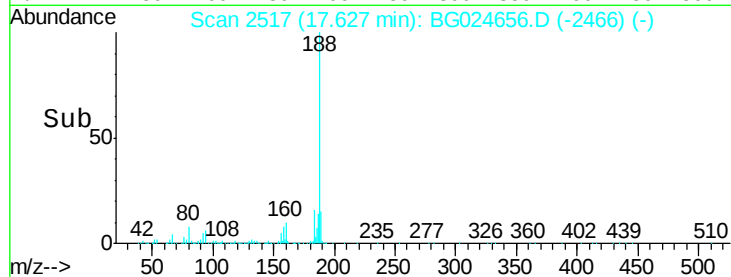
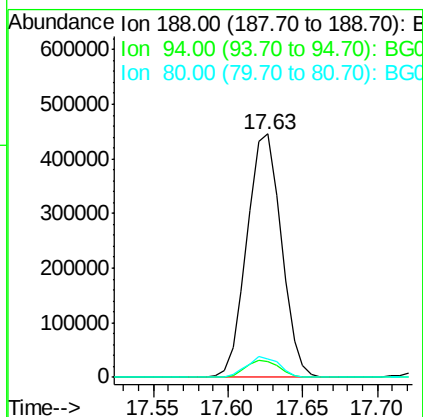
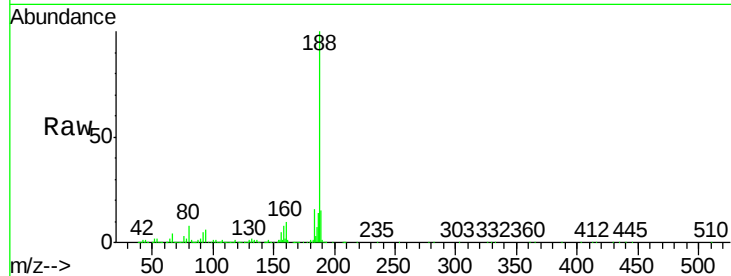




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024656.D
Acq: 3 Nov 2016 21:06

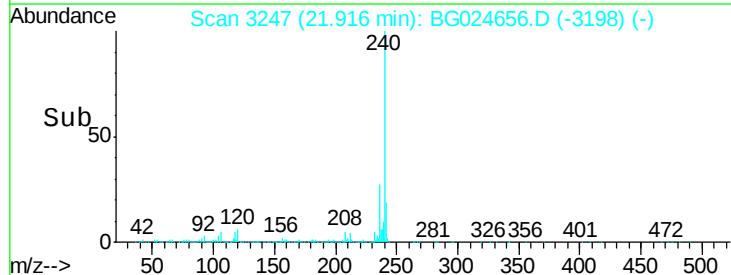
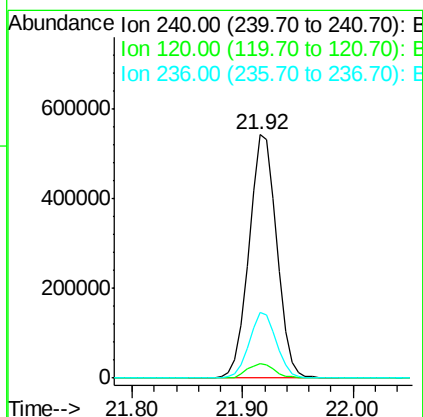
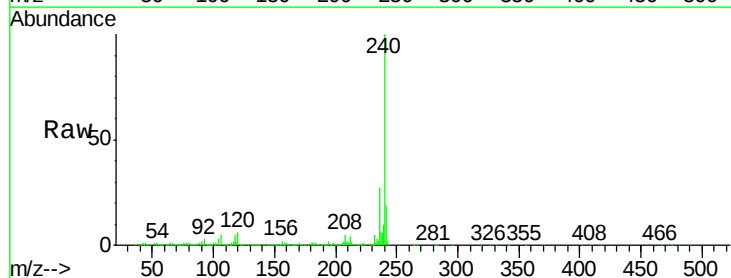
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BNA_G
ClientSampleId :
SB-78-14.0-15.0

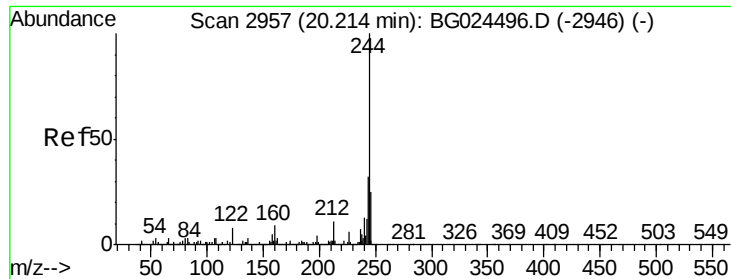
Tgt Ion:188 Resp: 711503
Ion Ratio Lower Upper
188 100
94 6.5 5.8 8.8
80 7.6 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024656.D
Acq: 3 Nov 2016 21:06

Tgt Ion:240 Resp: 956671
Ion Ratio Lower Upper
240 100
120 6.1 5.7 8.5
236 26.9 22.2 33.4

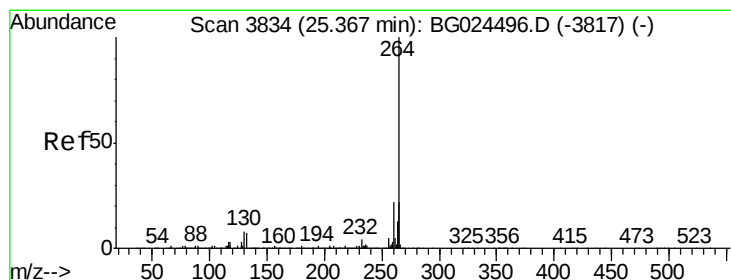
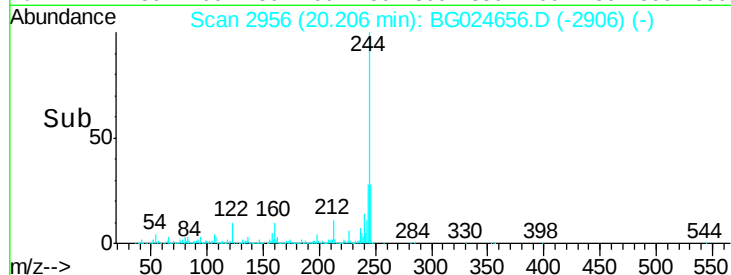
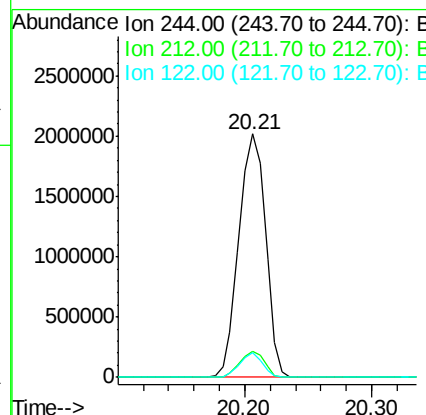
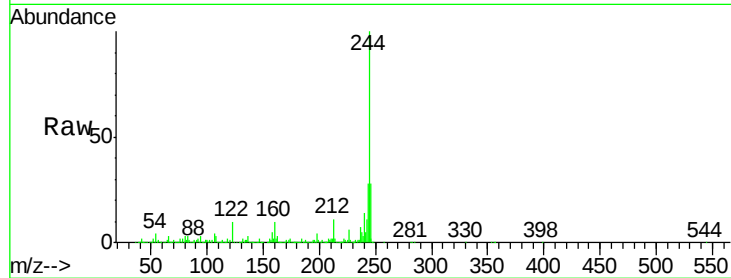




#78
 Terphenyl-d14
 Concen: 92.32 ng
 RT: 20.21 min Scan# 2956
 Delta R.T. -0.01 min
 Lab File: BG024656.D
 Acq: 3 Nov 2016 21:06

Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0

Tgt Ion:244 Resp: 2955680
 Ion Ratio Lower Upper
 244 100
 212 10.8 10.0 15.0
 122 9.9 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: BG024656.D
 Acq: 3 Nov 2016 21:06

Tgt Ion:264 Resp: 972628
 Ion Ratio Lower Upper
 264 100
 260 22.9 21.8 32.8
 265 22.2 18.2 27.4

