

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
 Data File : BG031261.D
 Acq On : 28 Nov 2017 21:06
 Operator : SJ/JU
 Sample : I6610-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-8(10-12)-20171127

Quant Time: Nov 29 06:22:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

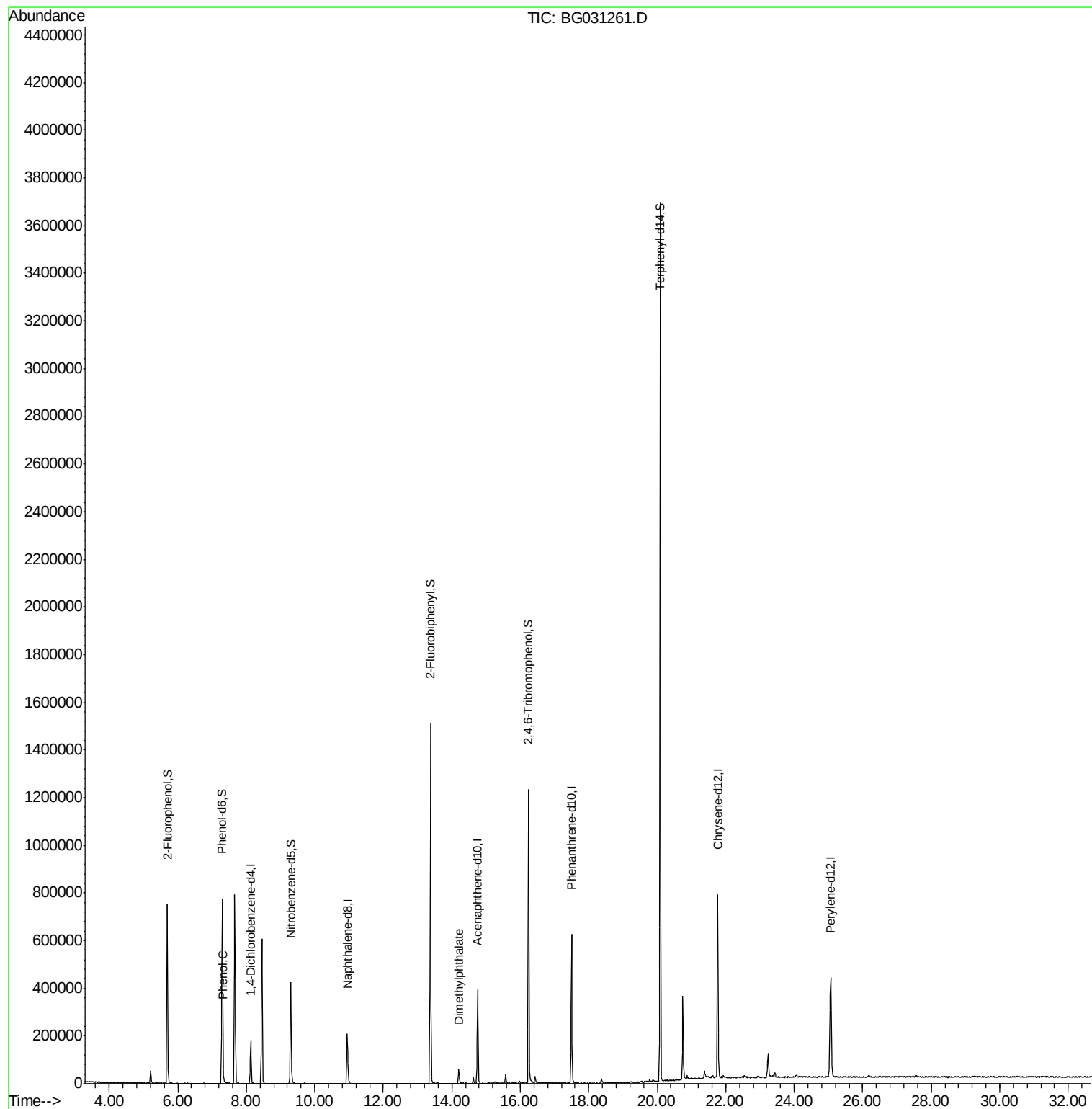
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	55476	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	231968	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	152830	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	415069	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	498650	20.00	ng	-0.02
86) Perylene-d12	25.06	264	493650	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	383506	118.54	ng	-0.02
7) Phenol-d6	7.29	99	499389	114.58	ng	-0.01
23) Nitrobenzene-d5	9.30	82	293238	74.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	254921	103.11	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	883139	83.03	ng	-0.02
78) Terphenyl-d14	20.09	244	1753600	77.65	ng	-0.01
Target Compounds						
10) Phenol	7.32	94	14033	3.100	ng	92
49) Dimethylphthalate	14.20	163	63458	4.802	ng	100

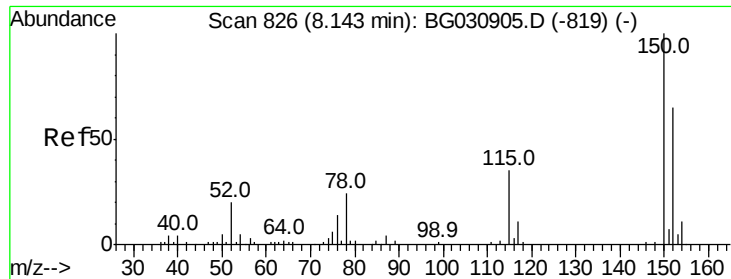
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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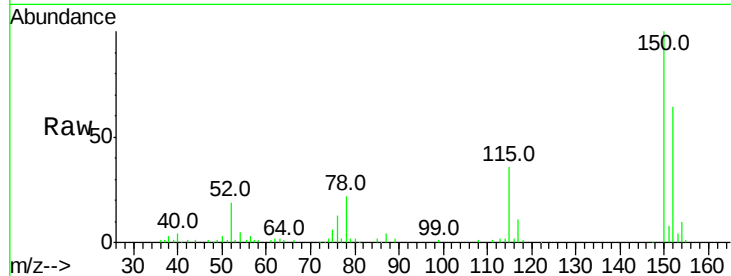


#1

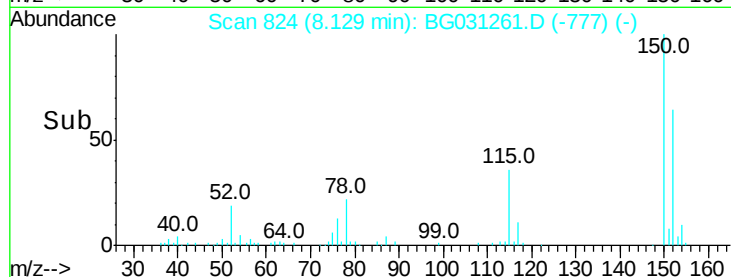
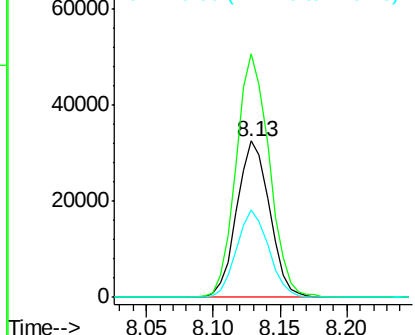
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG031261.D
 Acq: 28 Nov 2017 21:06

Instrument :
 BNA_G
 ClientSampleId :
 SB-8(10-12)-20171127

Tot Ion:152 Resp: 55476
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.6 189.8
 115 56.2 53.0 79.4



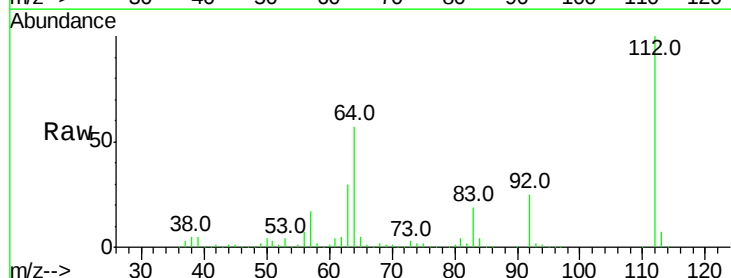
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



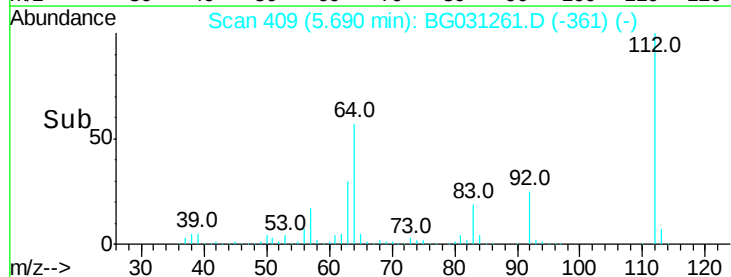
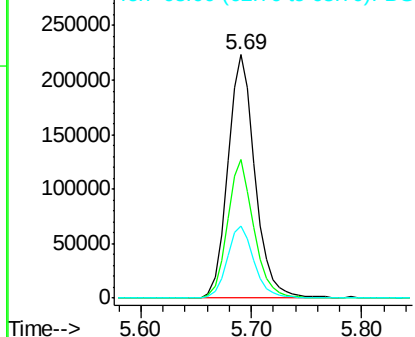
#5

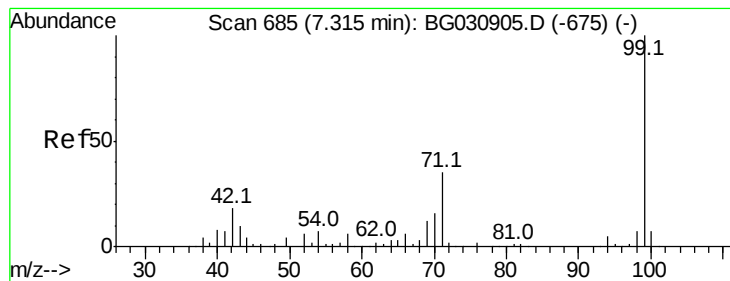
2-Fluorophenol
 Concen: 118.541 ng
 RT: 5.69 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BG031261.D
 Acq: 28 Nov 2017 21:06

Tgt Ion:112 Resp: 383506
 Ion Ratio Lower Upper
 112 100
 64 56.9 56.3 84.5
 63 29.5 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 114.577 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031261.D

Acq: 28 Nov 2017 21:06

Instrument :

BNA_G

ClientSampleId :

SB-8(10-12)-20171127

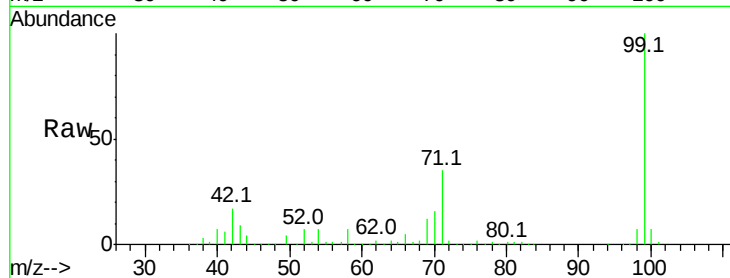
Tot Ion: 99 Resp: 499389

Ion Ratio Lower Upper

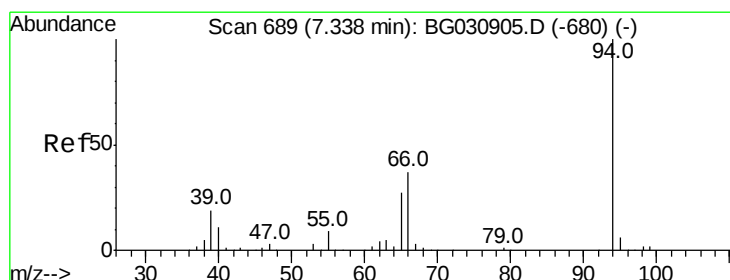
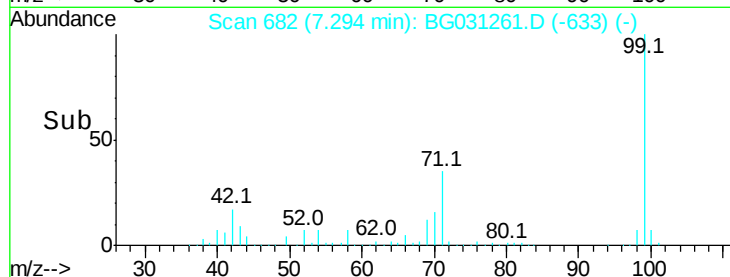
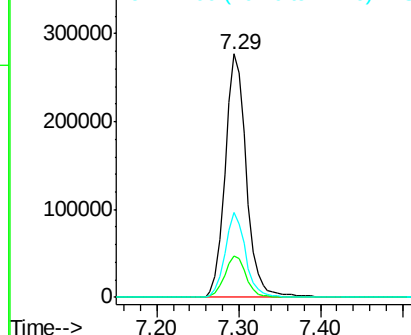
99 100

42 17.2 14.1 21.1

71 34.7 26.1 39.1



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: 3.100 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG031261.D

Acq: 28 Nov 2017 21:06

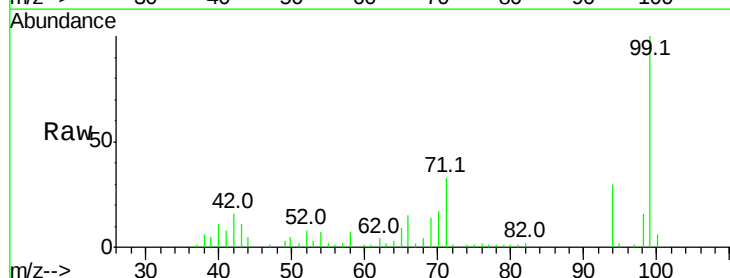
Tgt Ion: 94 Resp: 14033

Ion Ratio Lower Upper

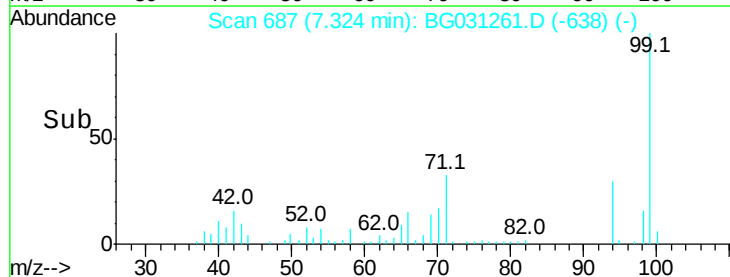
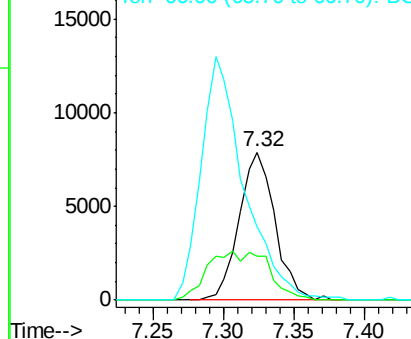
94 100

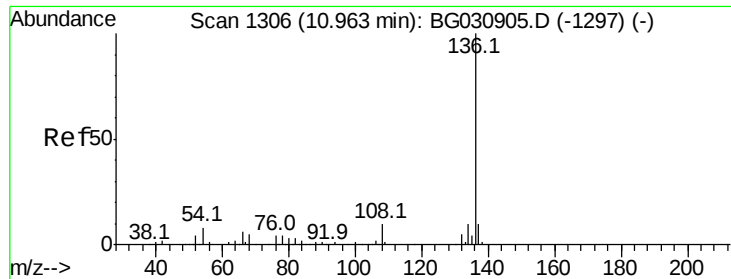
65 29.8 11.9 51.9

66 49.7 22.2 62.2



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

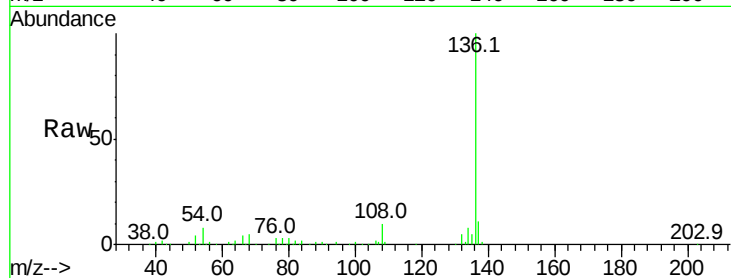




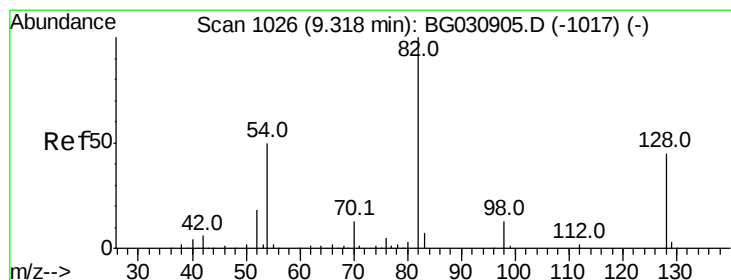
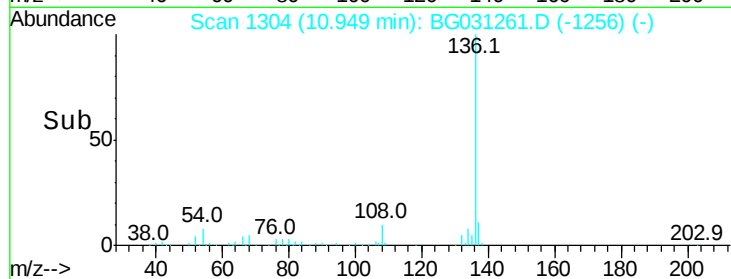
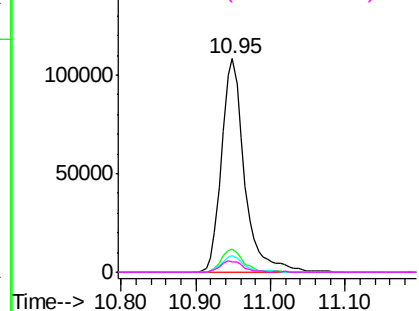
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Instrument :
BNA_G
ClientSampleId :
SB-8(10-12)-20171127

Tot Ion:136	Resp:	231968
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.2 13.8
54	7.7	10.3 15.5#
68	4.6	4.5 6.7

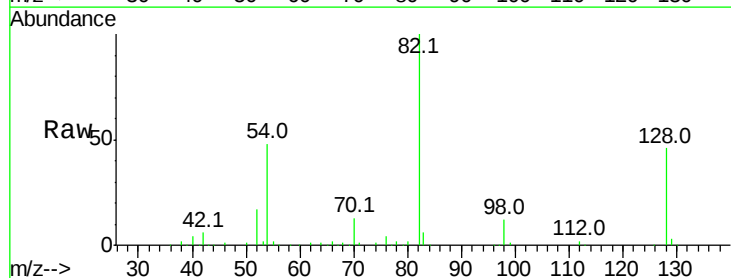


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

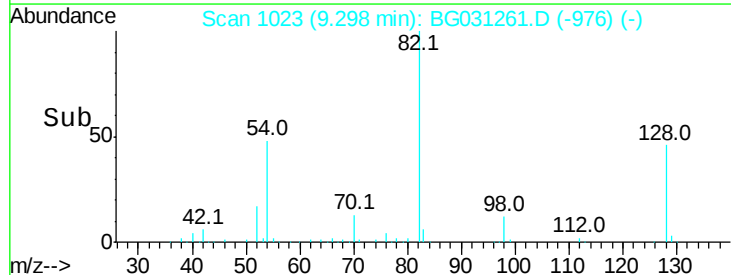
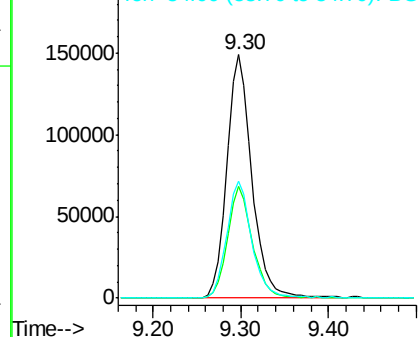


#23
Nitrobenzene-d5
Concen: 74.908 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Tgt Ion: 82	Resp:	293238
Ion	Ratio	Lower Upper
82	100	
128	46.1	29.7 44.5#
54	48.2	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031261.D

Acq: 28 Nov 2017 21:06

Instrument :

BNA_G

ClientSampleId :

SB-8(10-12)-20171127

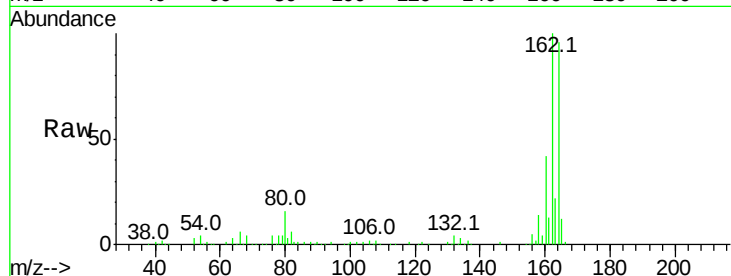
Tot Ion:164 Resp: 152830

Ion Ratio Lower Upper

164 100

162 103.9 78.8 118.2

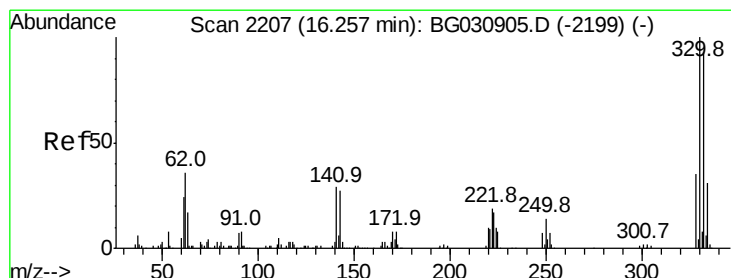
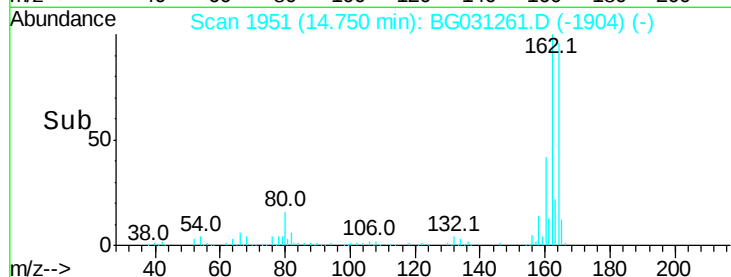
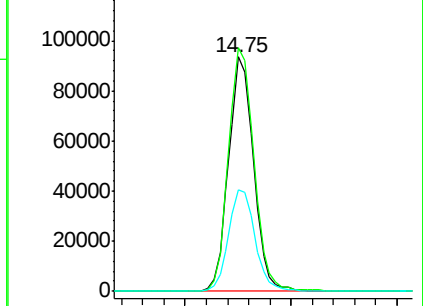
160 43.3 35.4 53.0



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: 103.111 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031261.D

Acq: 28 Nov 2017 21:06

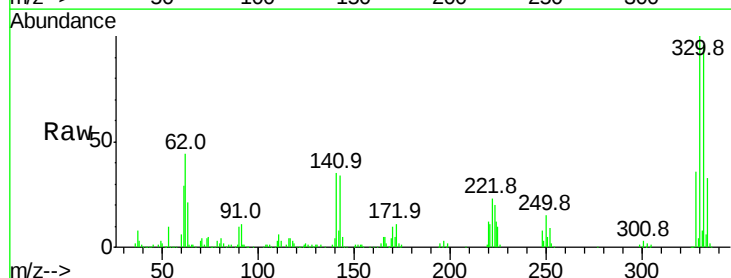
Tgt Ion:330 Resp: 254921

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

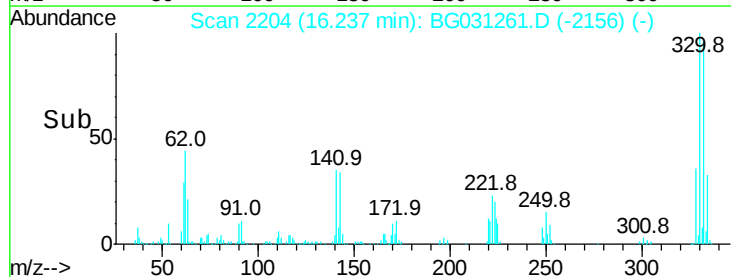
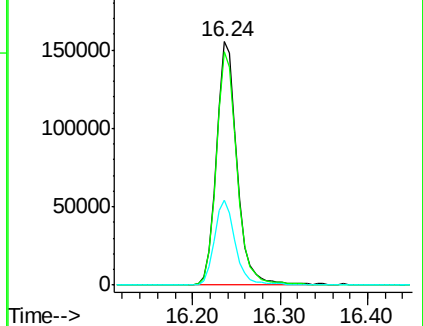
141 35.3 25.2 37.8

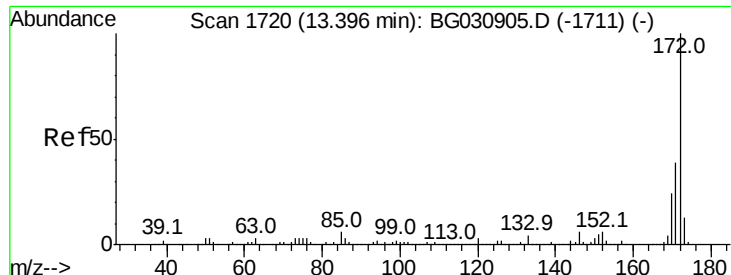


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

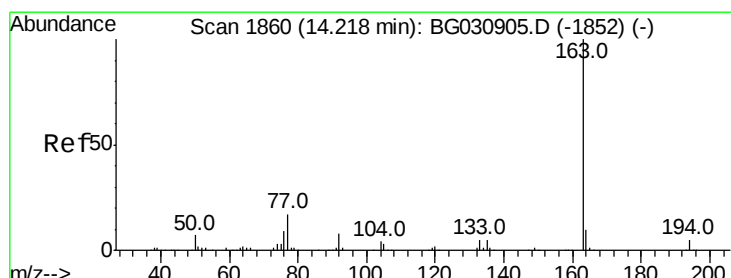
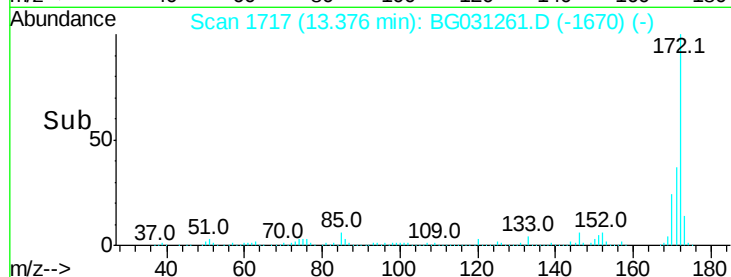
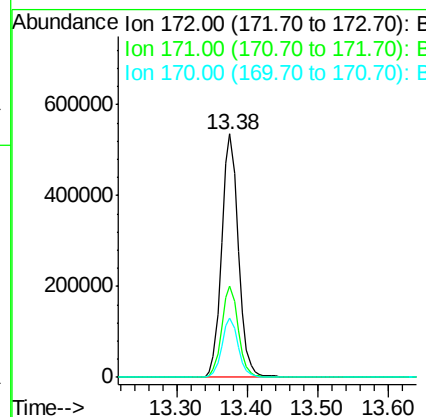
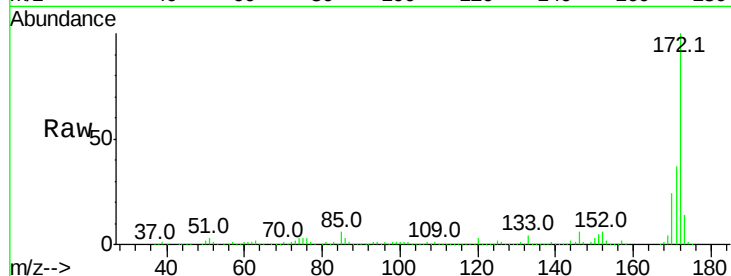




#44
2-Fluorobiphenyl
Concen: 83.032 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

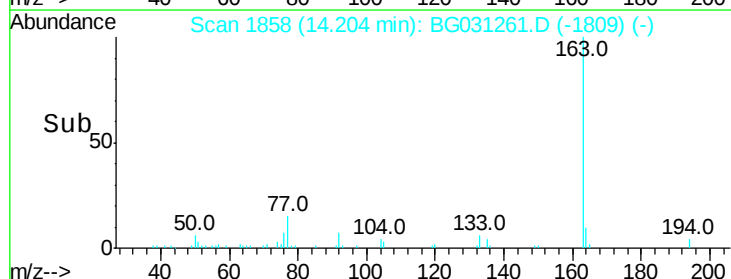
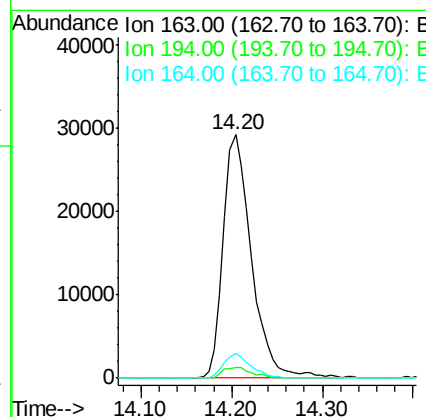
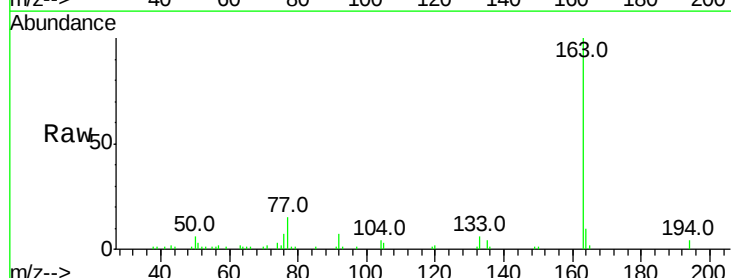
Instrument :
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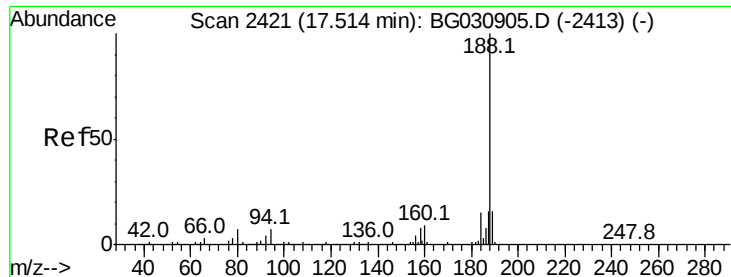
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.4	19.5	29.3



#49
Dimethylphthalate
Concen: 4.802 ng
RT: 14.20 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.2	12.4

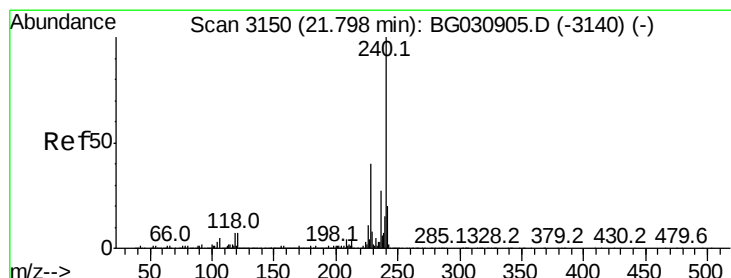
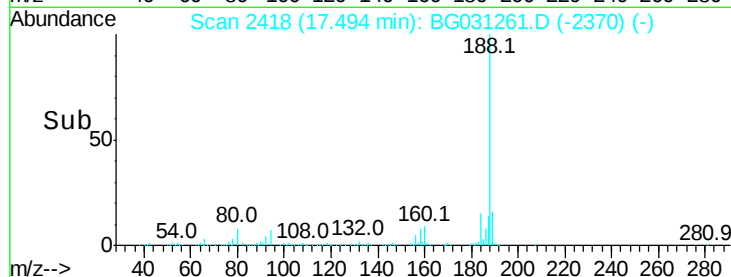
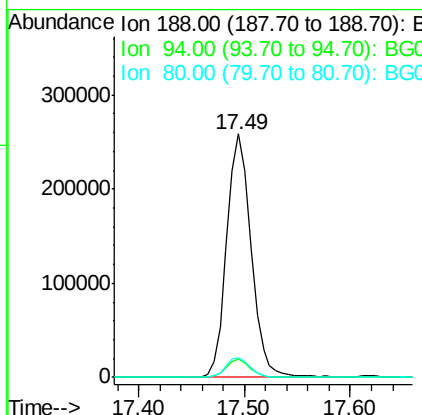
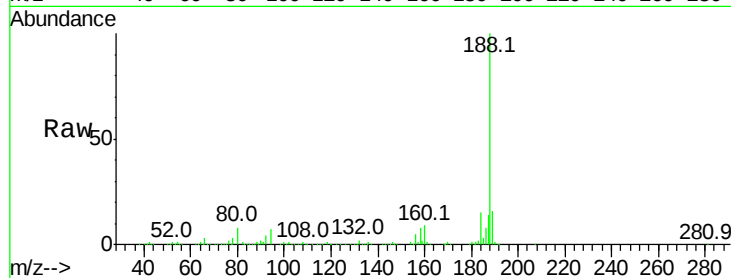




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

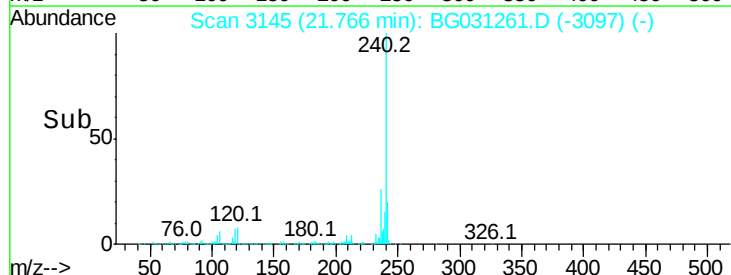
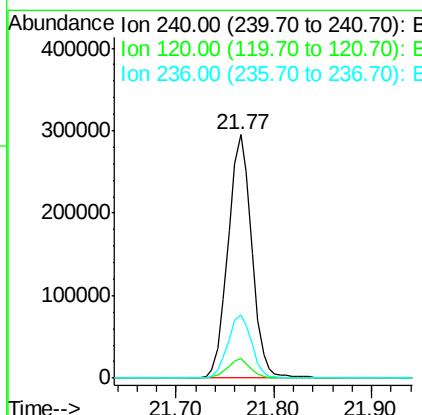
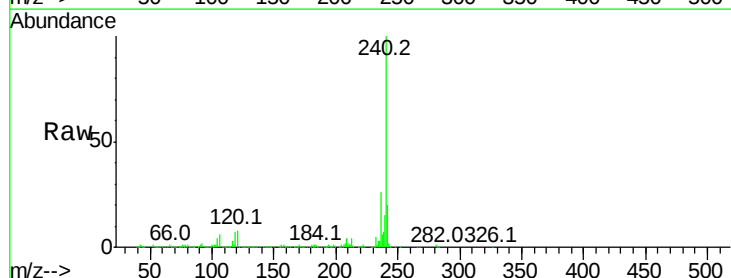
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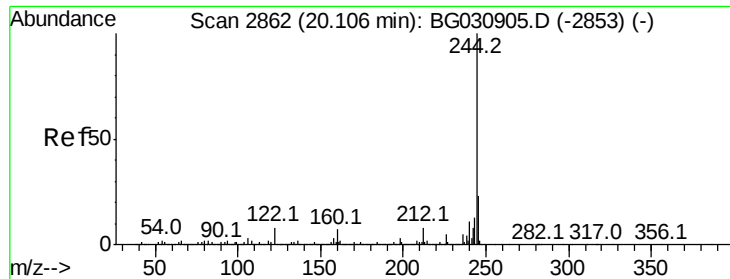
Tot Ion:188 Resp: 415069
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 8.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Tgt Ion:240 Resp: 498650
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 77.652 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031261.D

Acq: 28 Nov 2017 21:06

Instrument :

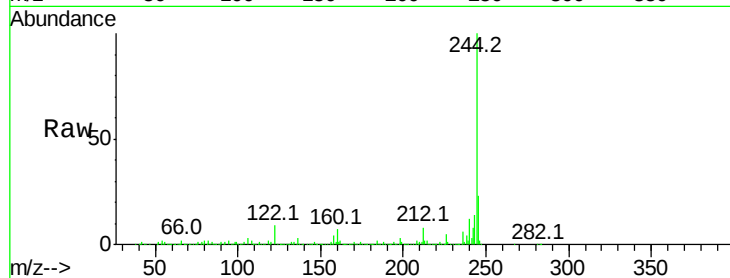
BNA_G

ClientSampleId :

SB-8(10-12)-20171127

Tot Ion:244 Resp: 1753600

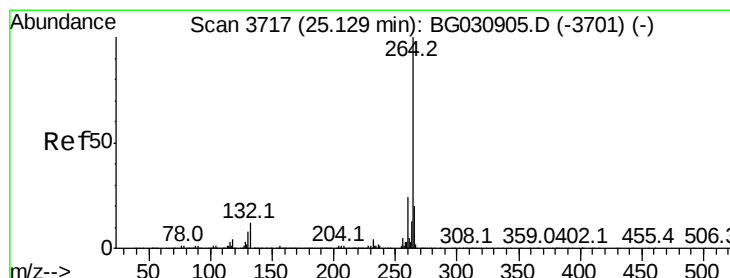
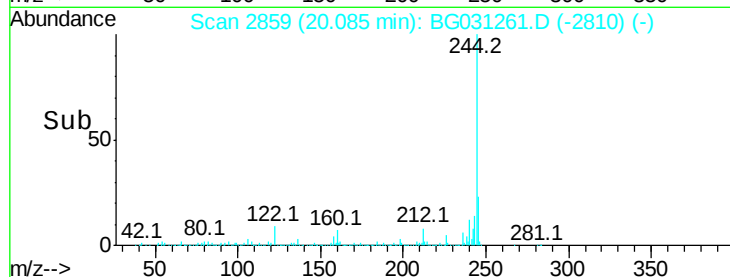
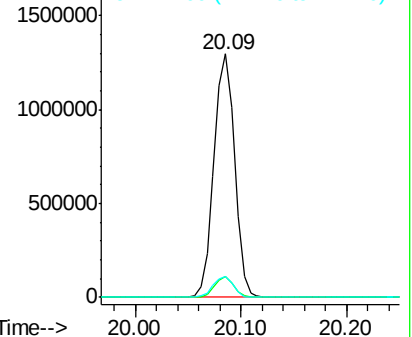
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	8.7	7.0	10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3706

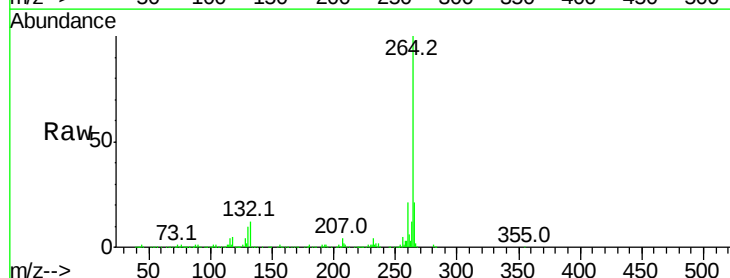
Delta R.T. -0.03 min

Lab File: BG031261.D

Acq: 28 Nov 2017 21:06

Tgt Ion:264 Resp: 493650

Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.4	26.0
265	21.0	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

