

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
 Data File : BG031445.D
 Acq On : 9 Dec 2017 7:52
 Operator : SJ/JU
 Sample : I6686-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-120617

Quant Time: Dec 11 05:03:43 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	37879	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	164728	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	118952	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	363102	20.00	ng	0.00
75) Chrysene-d12	21.76	240	420335	20.00	ng	0.00
86) Perylene-d12	25.06	264	390404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	294919	133.51	ng	0.00
7) Phenol-d6	7.29	99	377019	126.69	ng	0.00
23) Nitrobenzene-d5	9.29	82	271663	97.72	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	222063	115.40	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	786051	94.95	ng	0.00
78) Terphenyl-d14	20.08	244	1752747	92.07	ng	0.00

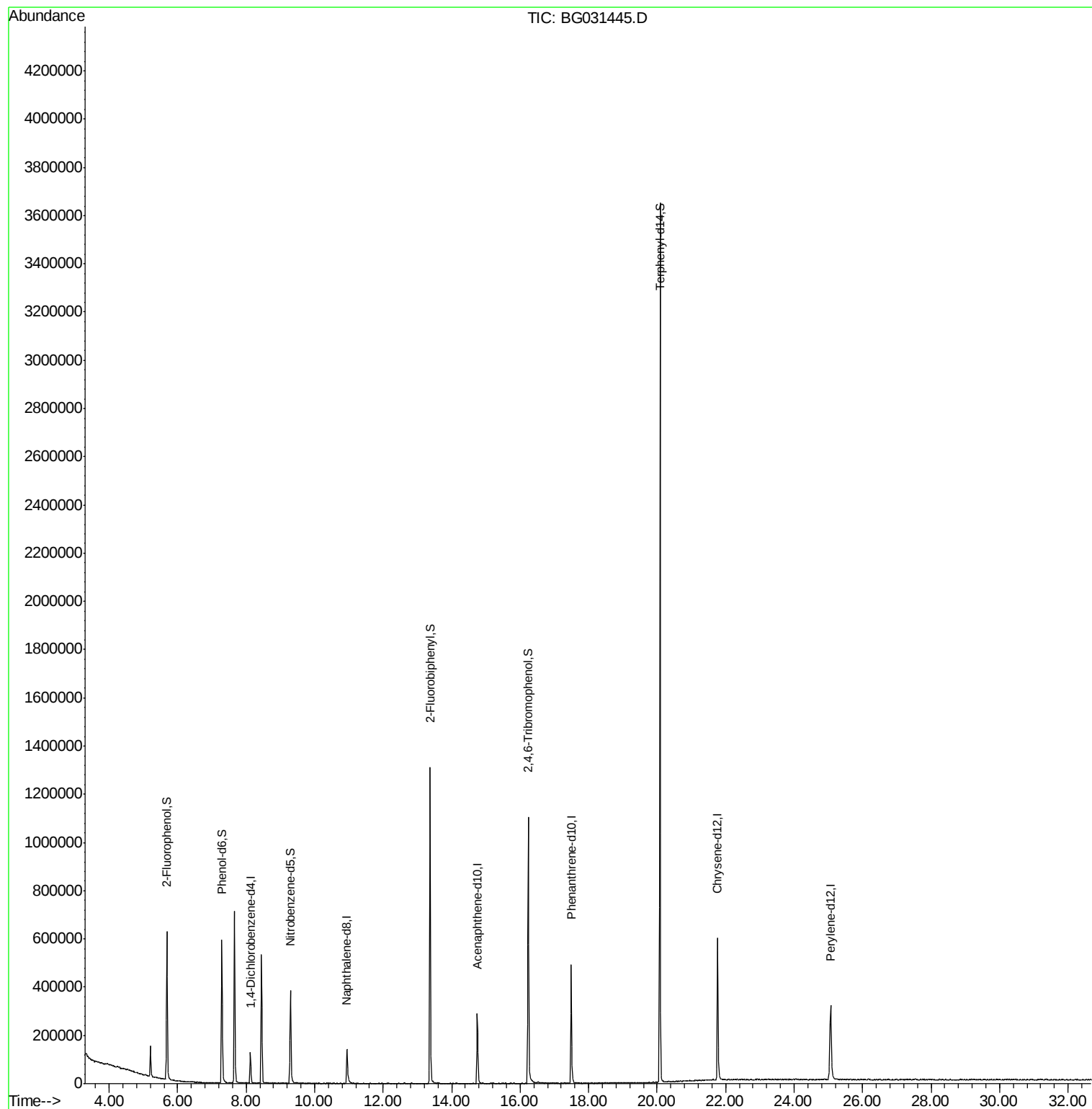
Target Compounds	Qvalue
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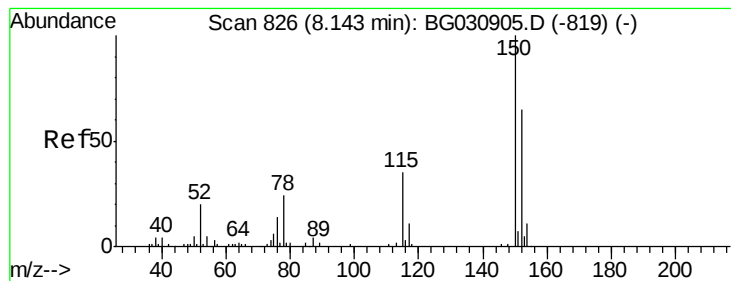
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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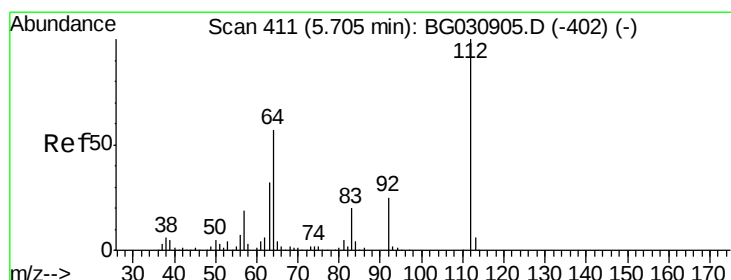
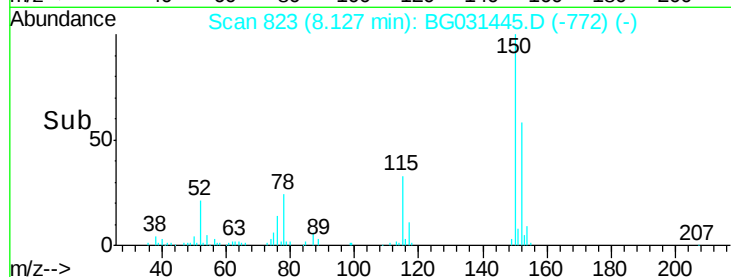
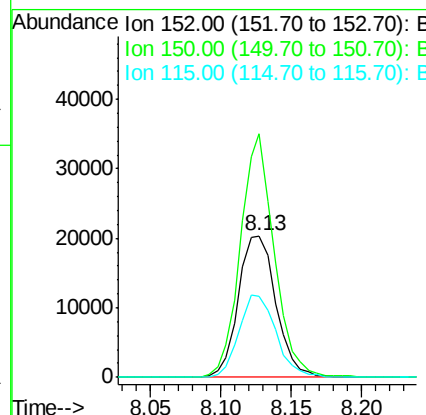
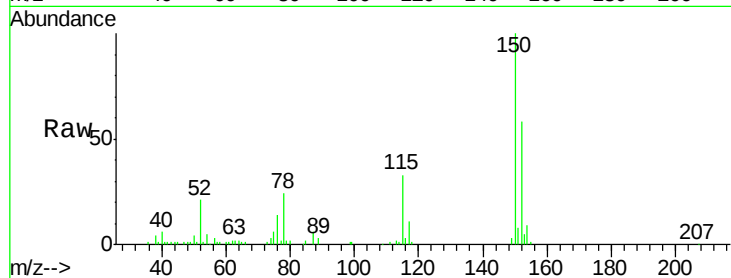


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031445.D
Acq: 9 Dec 2017 7:52

Instrument :
BNA_G
ClientSampleId :
TR-05-120617

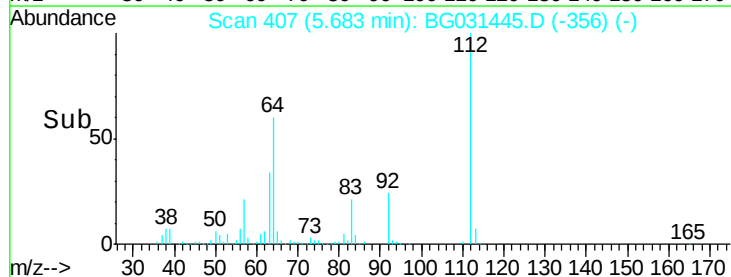
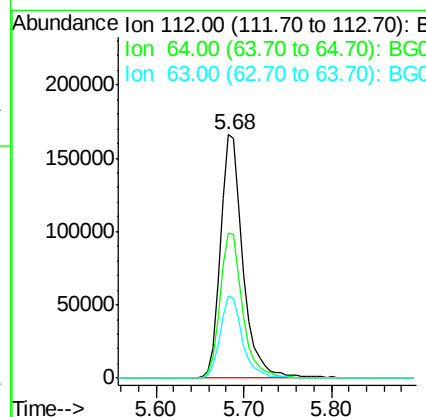
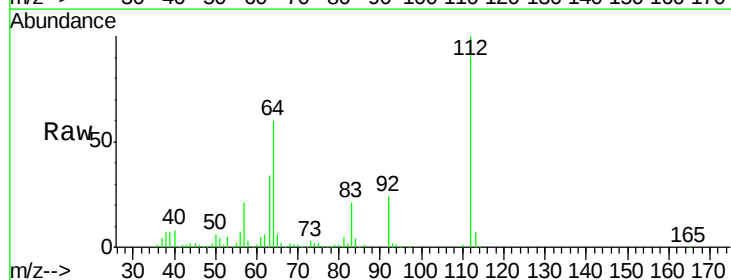
Tgt Ion:152 Resp: 37879
Ion Ratio Lower Upper
152 100
150 171.8 126.6 189.8
115 57.4 53.0 79.4

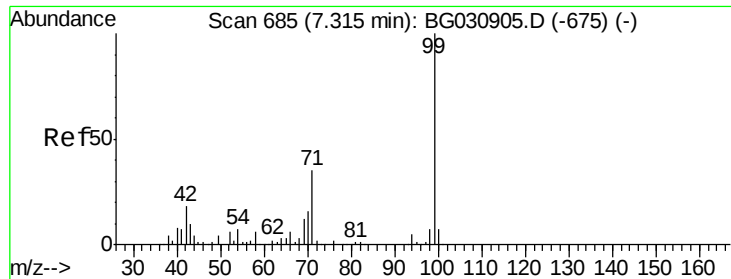


#5

2-Fluorophenol
Concen: 133.508 ng
RT: 5.68 min Scan# 407
Delta R.T. -0.00 min
Lab File: BG031445.D
Acq: 9 Dec 2017 7:52

Tgt Ion:112 Resp: 294919
Ion Ratio Lower Upper
112 100
64 59.7 56.3 84.5
63 34.1 30.1 45.1





#7

Phenol-d6

Concen: 126.686 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031445.D

Acq: 9 Dec 2017 7:52

Instrument :

BNA_G

ClientSampleId :

TR-05-120617

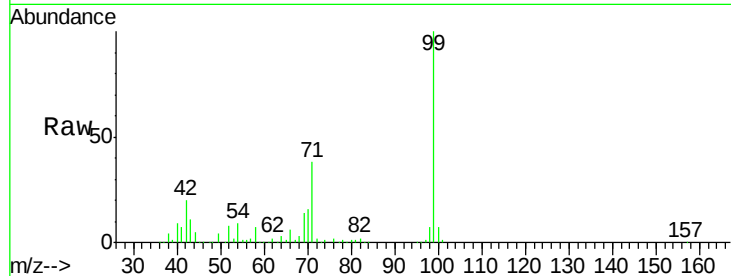
Tgt Ion: 99 Resp: 377019

Ion Ratio Lower Upper

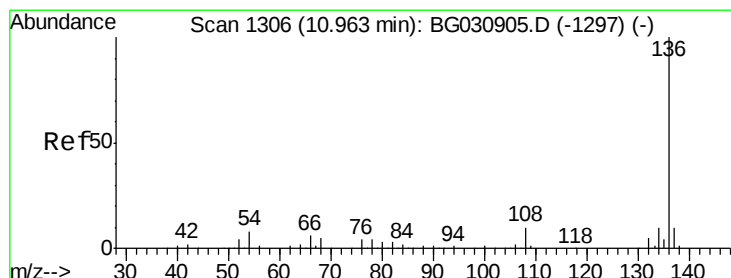
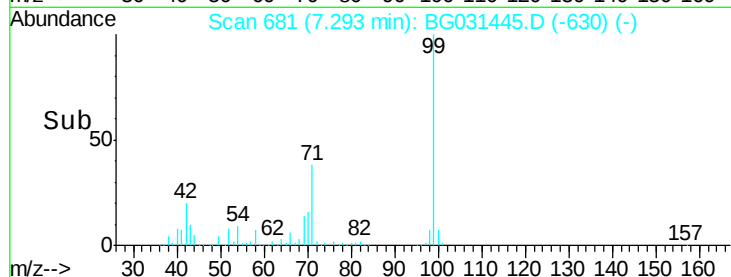
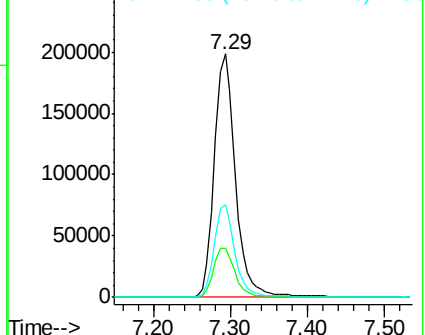
99 100

42 20.4 14.1 21.1

71 38.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BG031445.D

Acq: 9 Dec 2017 7:52

Tgt Ion: 136 Resp: 164728

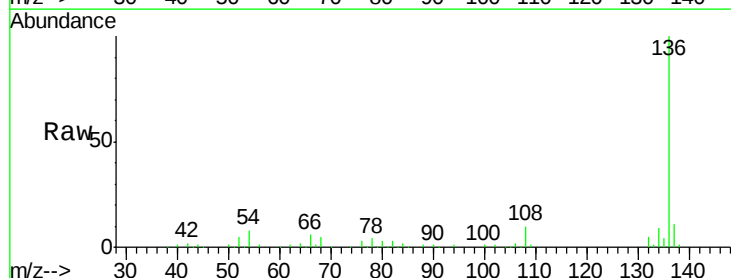
Ion Ratio Lower Upper

136 100

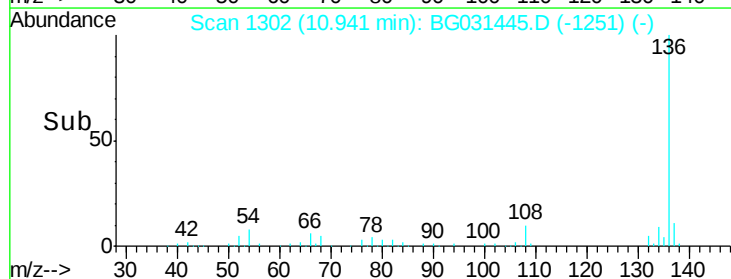
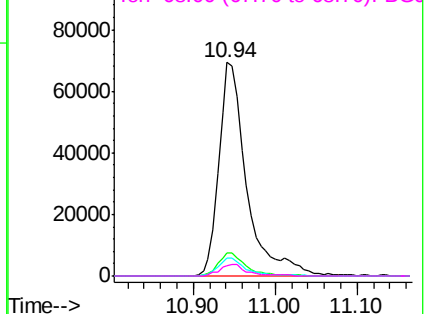
137 10.9 9.2 13.8

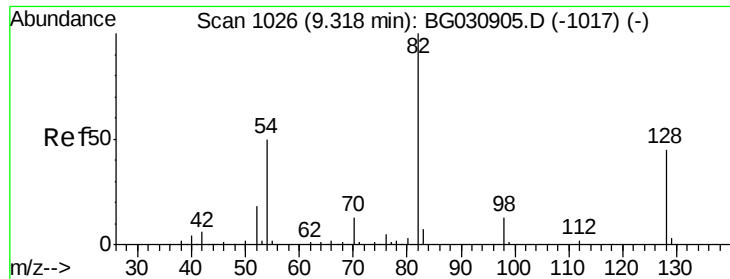
54 8.2 10.3 15.5#

68 4.8 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

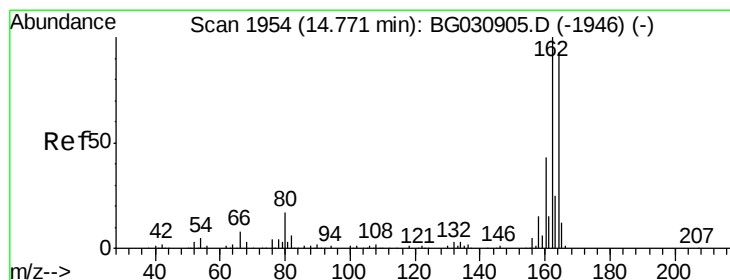
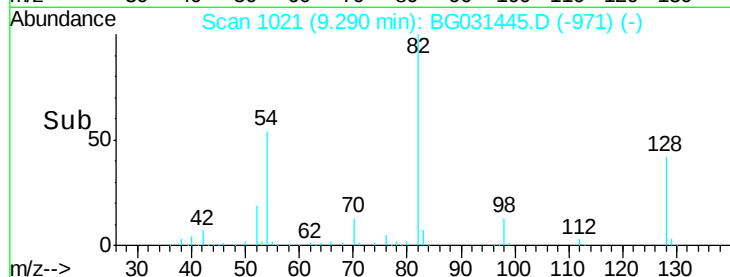
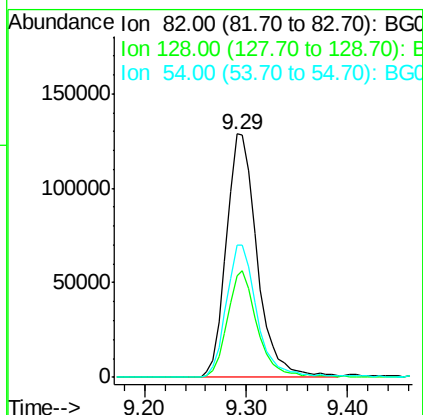
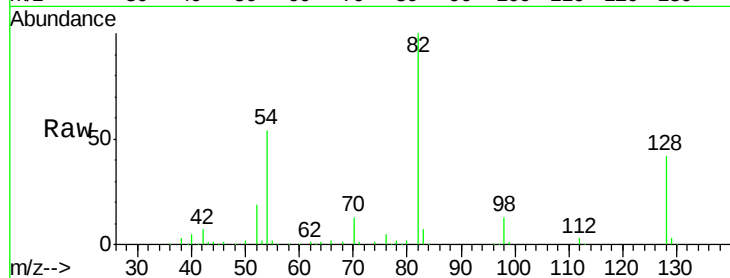




#23
Nitrobenzene-d5
Concen: 97.723 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG031445.D
Acq: 9 Dec 2017 7:52

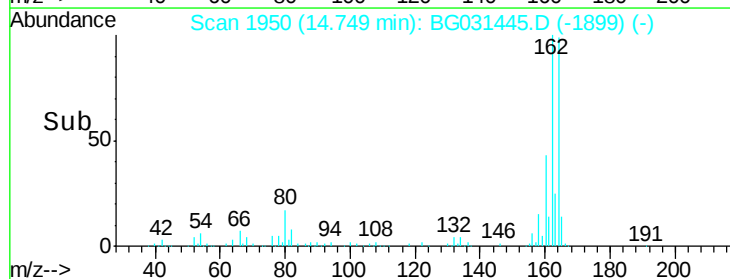
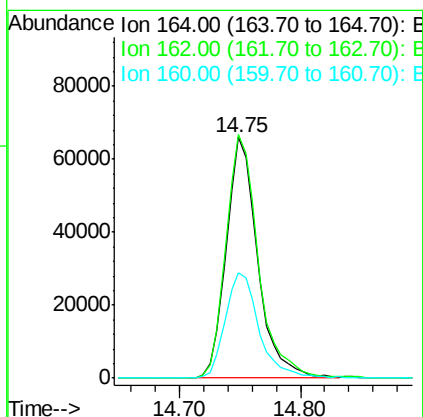
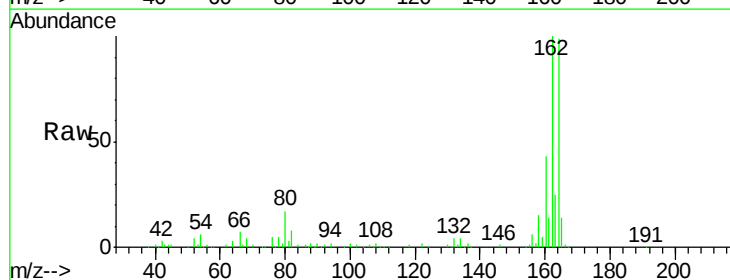
Instrument :
BNA_G
ClientSampleId :
TR-05-120617

Tgt Ion: 82 Resp: 271663
Ion Ratio Lower Upper
82 100
128 41.6 29.7 44.5
54 54.4 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG031445.D
Acq: 9 Dec 2017 7:52

Tgt Ion: 164 Resp: 118952
Ion Ratio Lower Upper
164 100
162 101.1 78.8 118.2
160 43.6 35.4 53.0

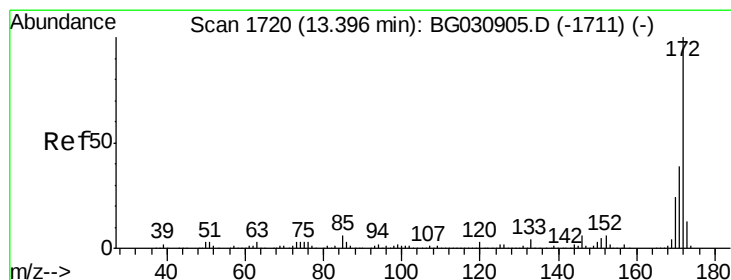
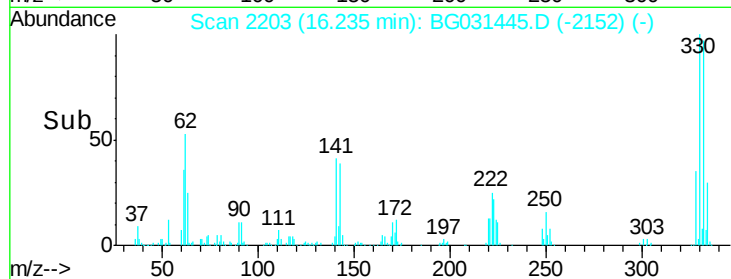
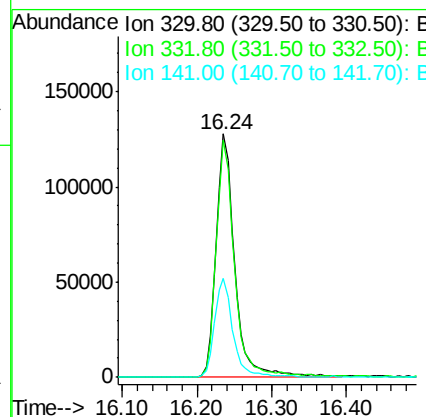
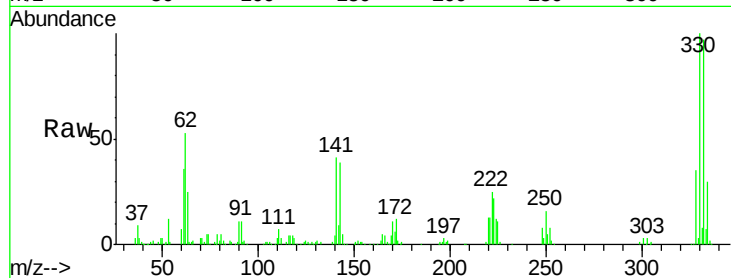




#41
 2,4,6-Tribromophenol
 Concen: 115.402 ng
 RT: 16.24 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BG031445.D
 Acq: 9 Dec 2017 7:52

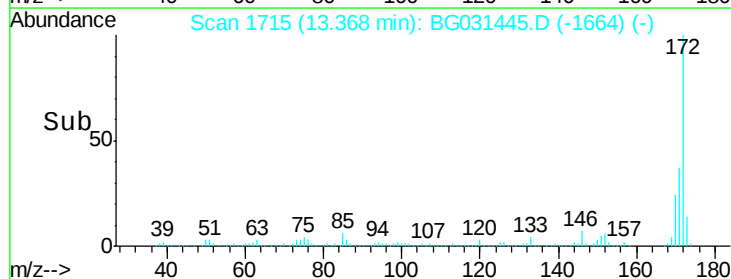
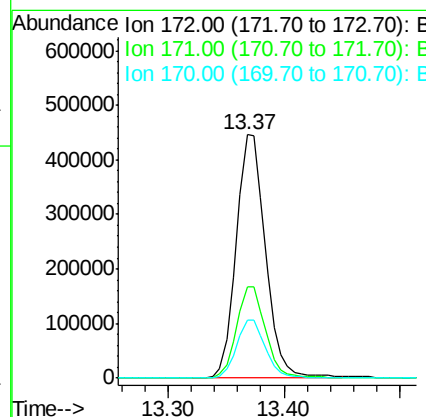
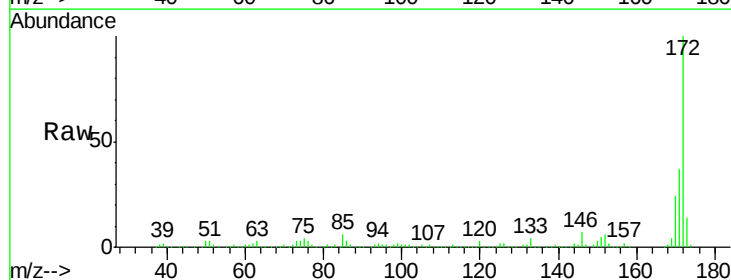
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-120617

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	40.3	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 94.952 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG031445.D
 Acq: 9 Dec 2017 7:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.8	19.5	29.3

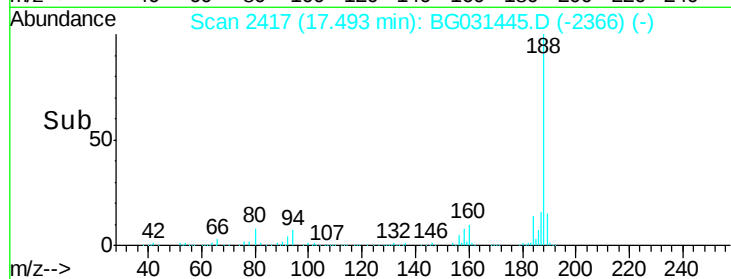
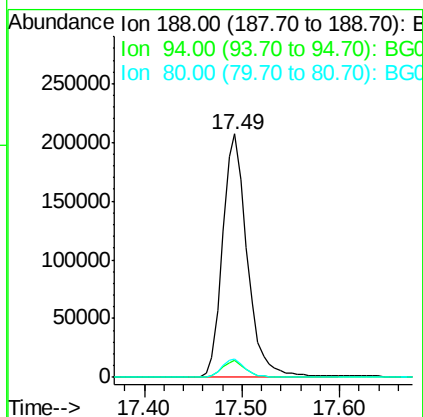
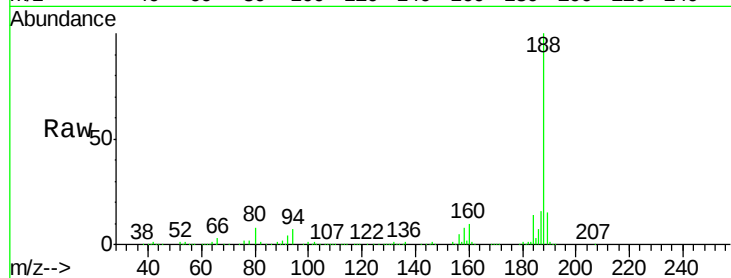




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031445.D
Acq: 9 Dec 2017 7:52

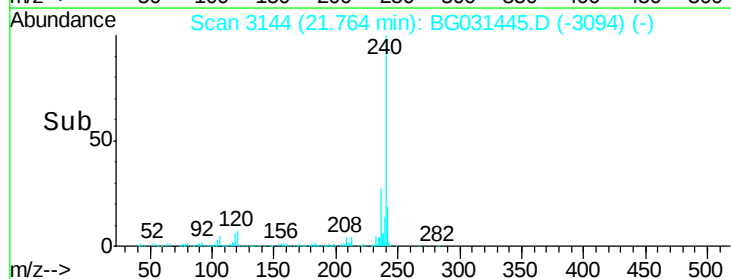
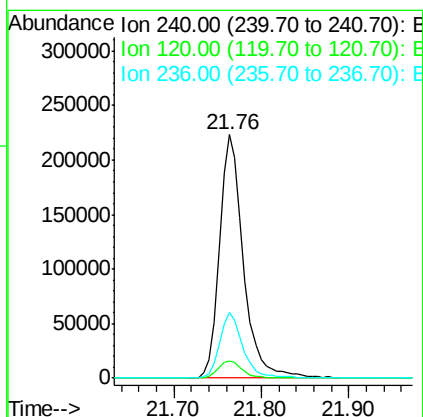
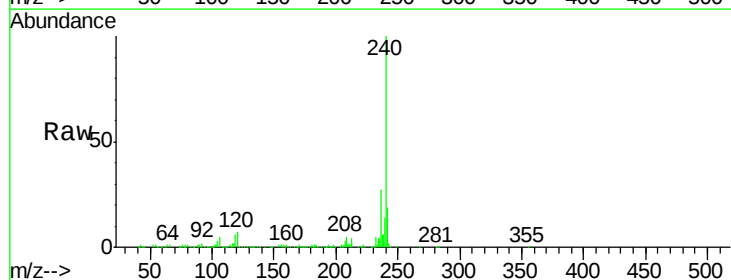
Instrument :
BNA_G
ClientSampleId :
TR-05-120617

Tgt Ion:188 Resp: 363102
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 7.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG031445.D
Acq: 9 Dec 2017 7:52

Tgt Ion:240 Resp: 420335
Ion Ratio Lower Upper
240 100
120 7.0 6.8 10.2
236 26.8 20.9 31.3





#78

Terphenyl-d14

Concen: 92.075 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031445.D

Acq: 9 Dec 2017 7:52

Instrument :

BNA_G

ClientSampleId :

TR-05-120617

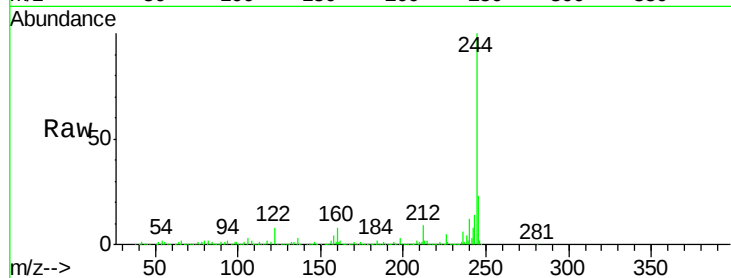
Tgt Ion:244 Resp: 1752747

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

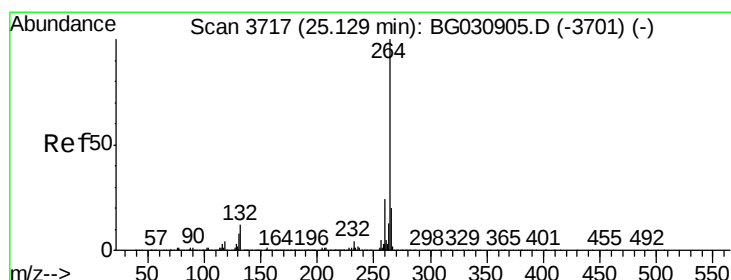
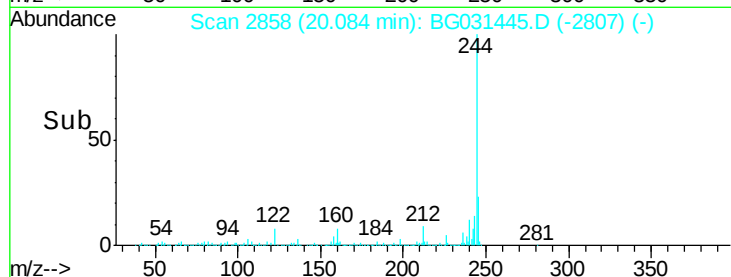
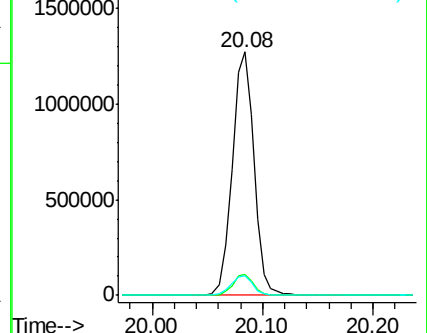
122 7.8 7.0 10.4



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# 3705

Delta R.T. -0.01 min

Lab File: BG031445.D

Acq: 9 Dec 2017 7:52

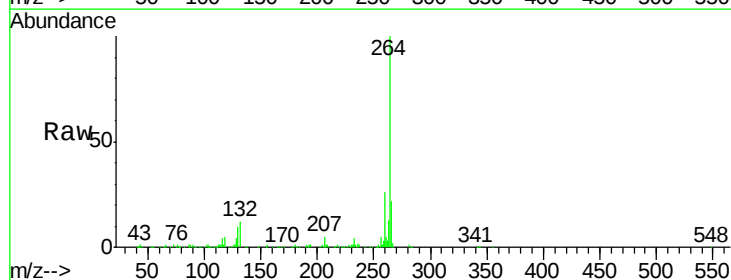
Tgt Ion:264 Resp: 390404

Ion Ratio Lower Upper

264 100

260 25.7 17.4 26.0

265 22.4 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

