

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
 Data File : BG031652.D
 Acq On : 19 Dec 2017 2:29
 Operator : SJ/JU
 Sample : I6677-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-121517-A

Quant Time: Dec 19 08:01:15 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

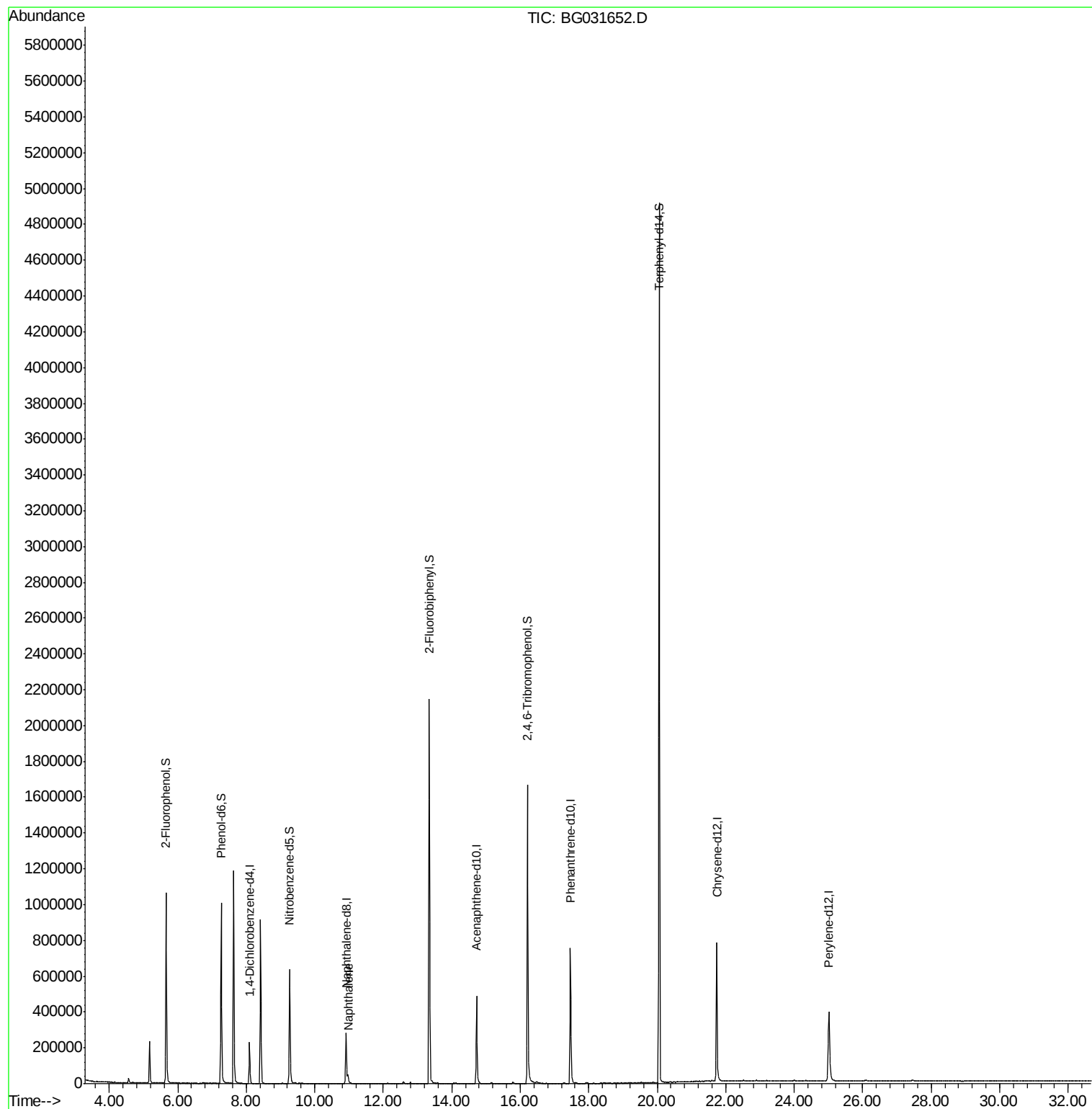
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	73722	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	315016	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	206916	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	548958	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	571917	20.00	ng	-0.01
86) Perylene-d12	25.02	264	500969	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	556779	133.87	ng	0.00
7) Phenol-d6	7.27	99	662067	114.67	ng	0.00
23) Nitrobenzene-d5	9.27	82	446468	87.36	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	385473	159.02	ng	-0.01
44) 2-Fluorobiphenyl	13.35	172	1332041	94.50	ng	0.00
78) Terphenyl-d14	20.06	244	2378187	94.61	ng	-0.01
Target Compounds						
31) Naphthalene	10.97	128	38620	2.495	ng	Qvalue 98

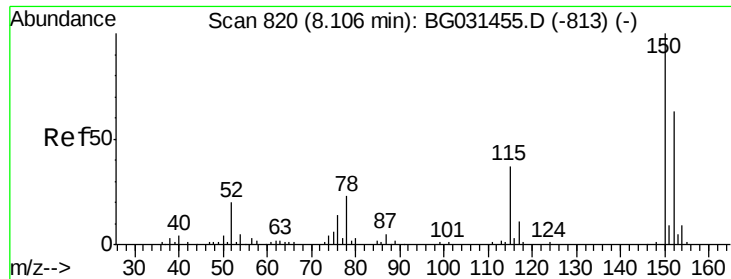
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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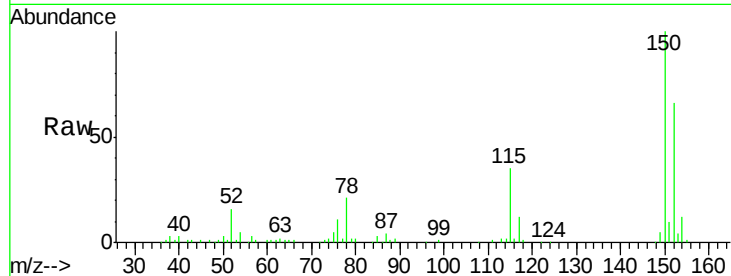


#1

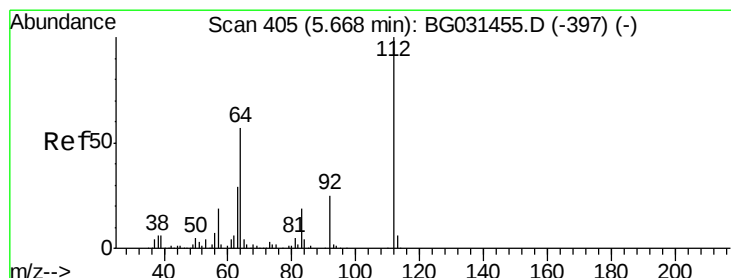
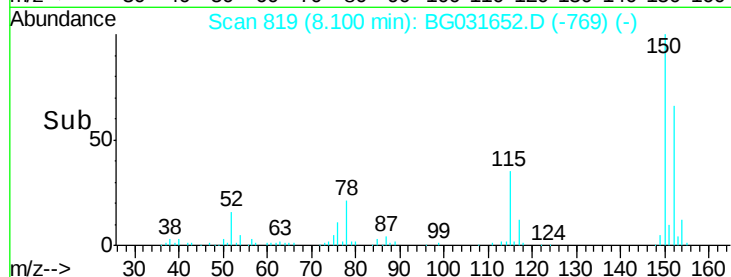
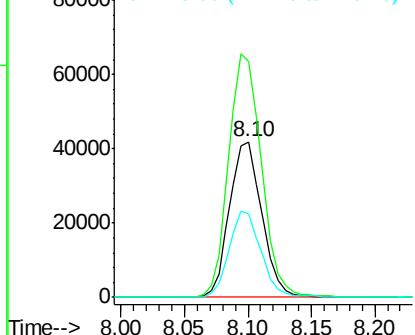
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031652.D
Acq: 19 Dec 2017 2:29

Instrument :
BNA_G
ClientSampleId :
OR-01-121517-A

Tgt Ion:152 Resp: 73722
Ion Ratio Lower Upper
152 100
150 152.2 126.6 189.8
115 53.9 53.0 79.4



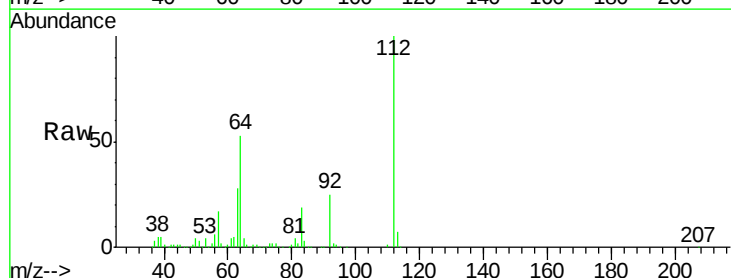
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



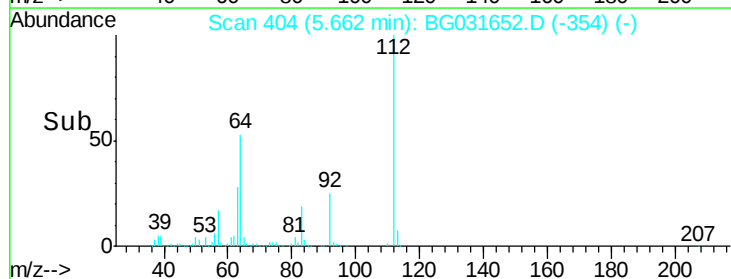
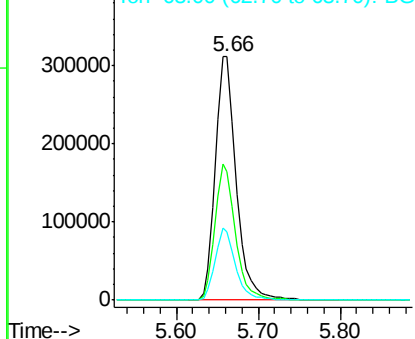
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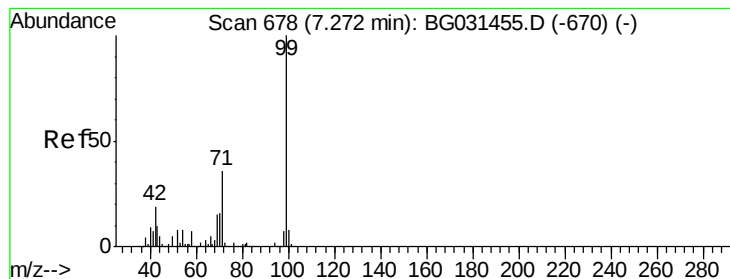
2-Fluorophenol
Concen: 133.868 ng
RT: 5.66 min Scan# 404
Delta R.T. -0.00 min
Lab File: BG031652.D
Acq: 19 Dec 2017 2:29

Tgt Ion:112 Resp: 556779
Ion Ratio Lower Upper
112 100
64 52.7 56.3 84.5#
63 28.1 30.1 45.1#



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: 114.666 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031652.D

Acq: 19 Dec 2017 2:29

Instrument :

BNA_G

ClientSampleId :

OR-01-121517-A

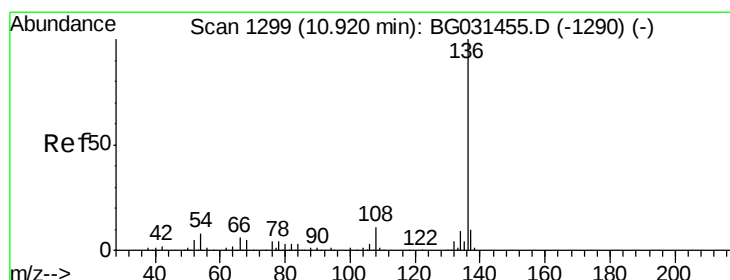
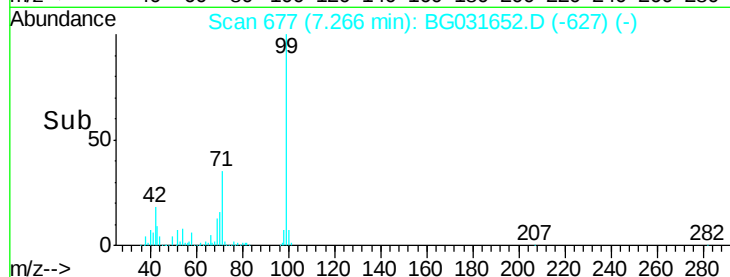
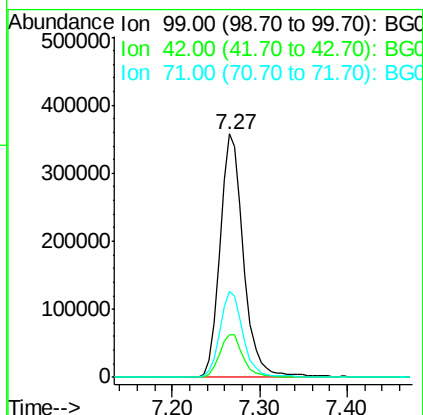
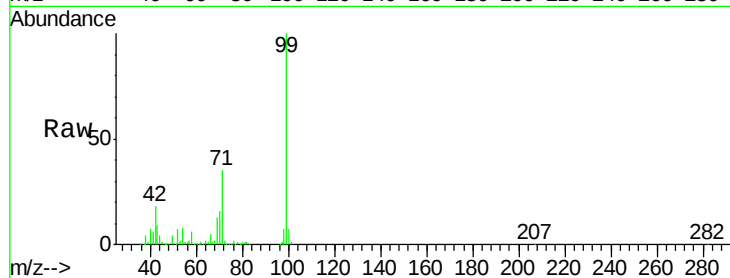
Tgt Ion: 99 Resp: 662067

Ion Ratio Lower Upper

99 100

42 17.7 14.1 21.1

71 35.4 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031652.D

Acq: 19 Dec 2017 2:29

Tgt Ion: 136 Resp: 315016

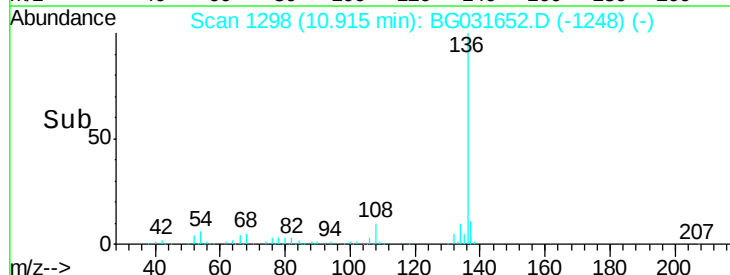
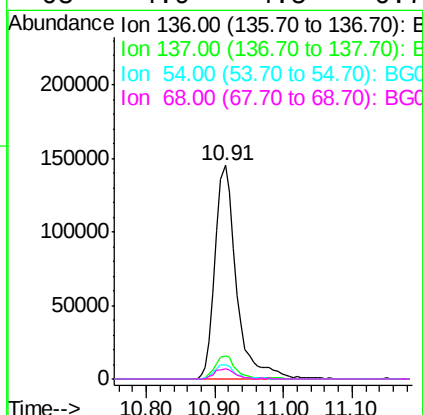
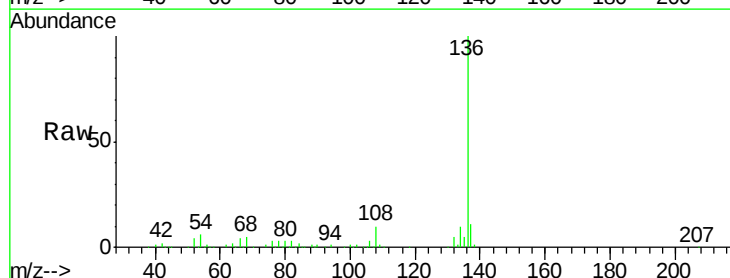
Ion Ratio Lower Upper

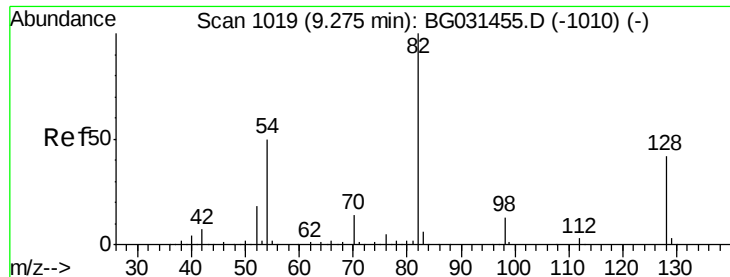
136 100

137 10.7 9.2 13.8

54 6.4 10.3 15.5#

68 4.9 4.5 6.7

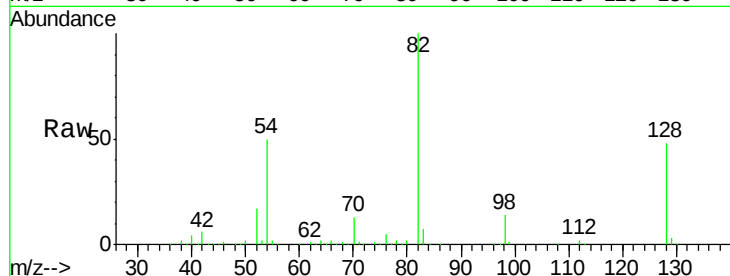




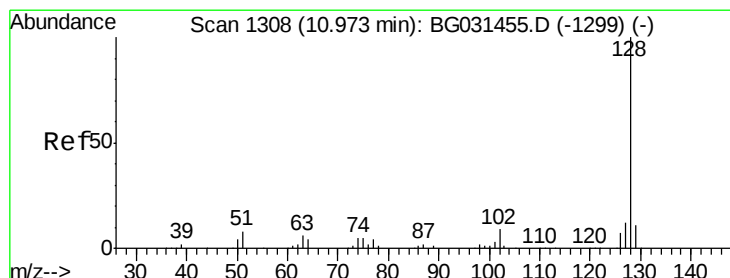
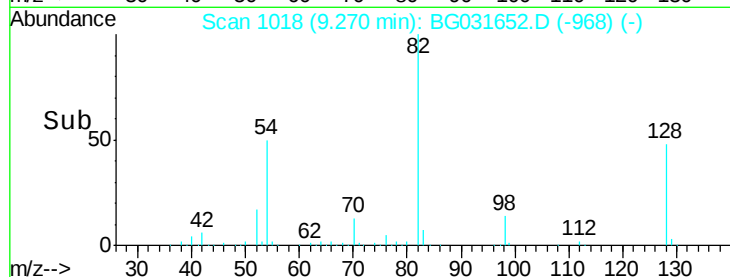
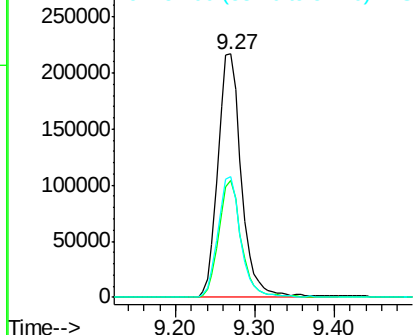
#23
Nitrobenzene-d5
Concen: 87.357 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031652.D
Acq: 19 Dec 2017 2:29

Instrument :
BNA_G
ClientSampleId :
OR-01-121517-A

Tgt Ion: 82 Resp: 446468
Ion Ratio Lower Upper
82 100
128 48.0 29.7 44.5#
54 49.7 43.1 64.7

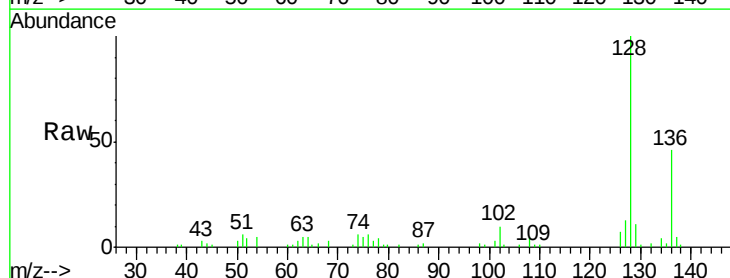


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

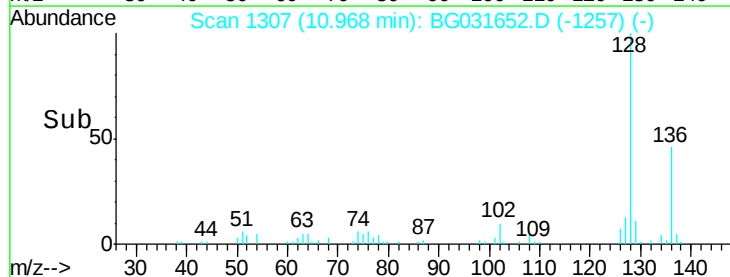
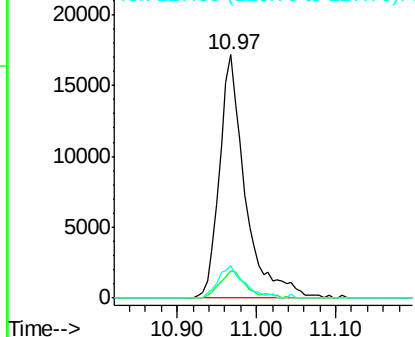


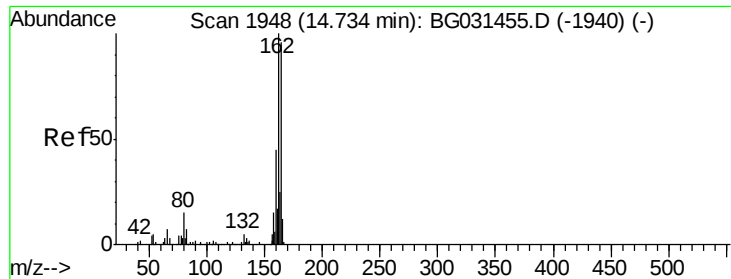
#31
Naphthalene
Concen: 2.495 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG031652.D
Acq: 19 Dec 2017 2:29

Tgt Ion: 128 Resp: 38620
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.4 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG031652.D

Acq: 19 Dec 2017 2:29

Instrument :

BNA_G

ClientSampleId :

OR-01-121517-A

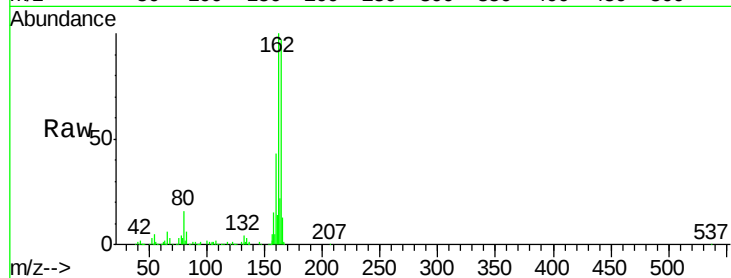
Tgt Ion:164 Resp: 206916

Ion Ratio Lower Upper

164 100

162 102.9 78.8 118.2

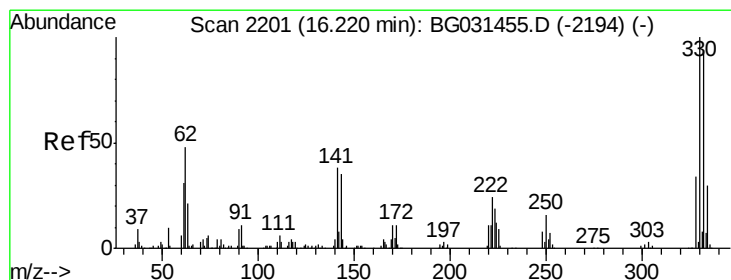
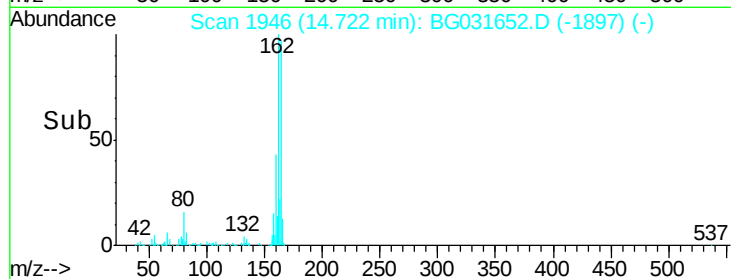
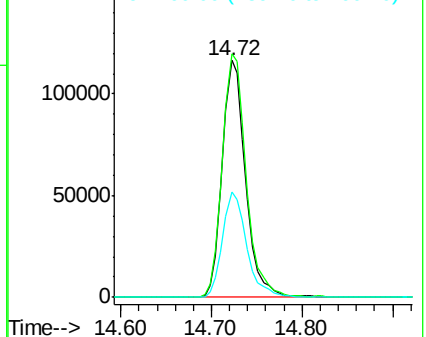
160 44.4 35.4 53.0



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: 159.016 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG031652.D

Acq: 19 Dec 2017 2:29

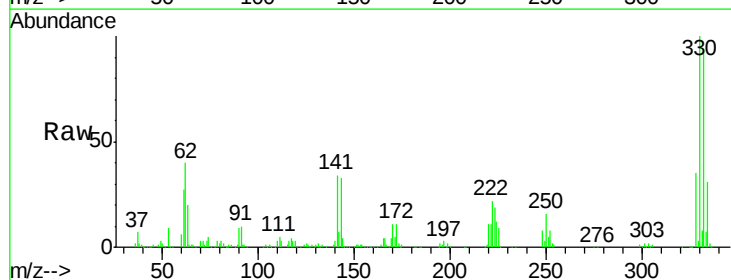
Tgt Ion:330 Resp: 385473

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

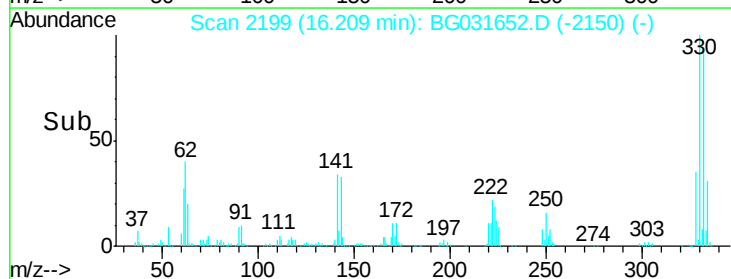
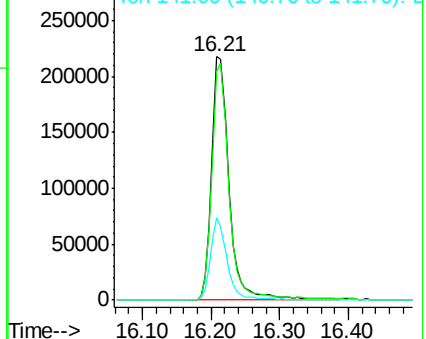
141 32.0 25.2 37.8

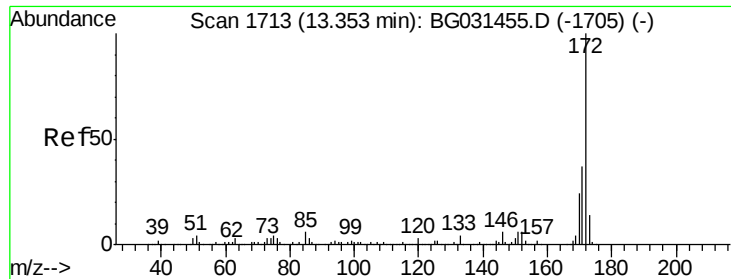


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

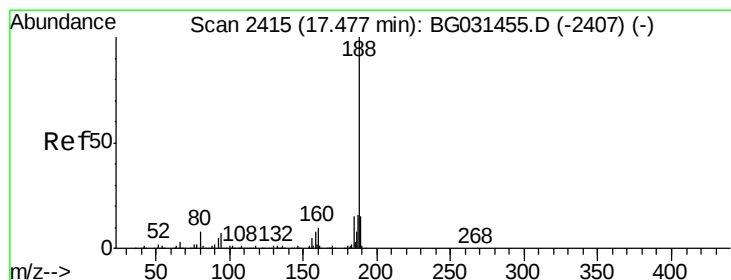
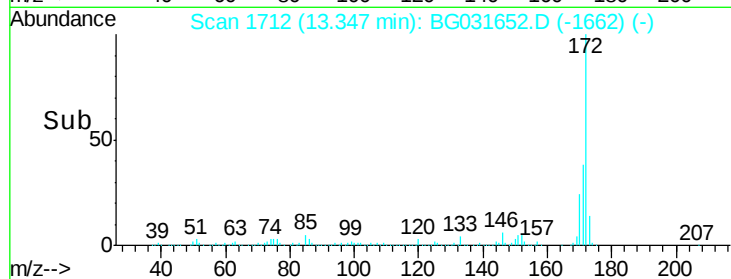
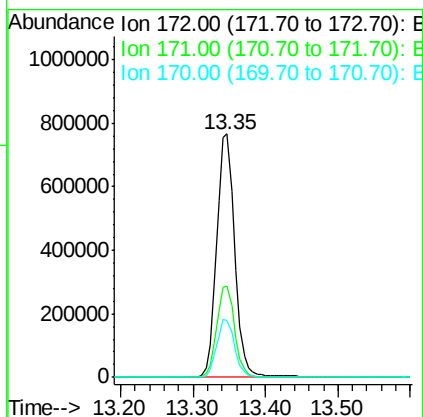
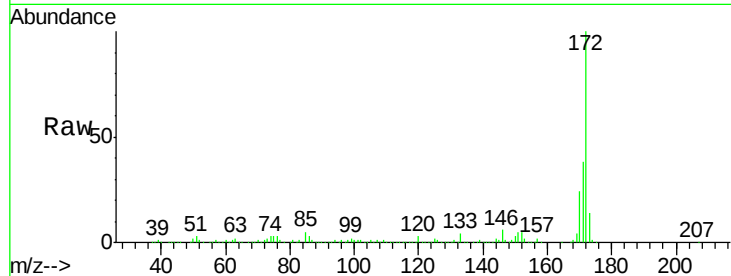




#44
 2-Fluorobiphenyl
 Concen: 94.495 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031652.D
 Acq: 19 Dec 2017 2:29

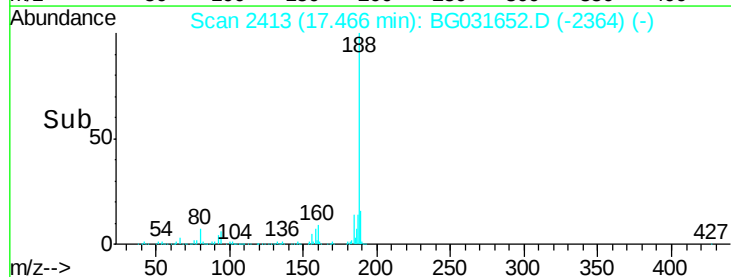
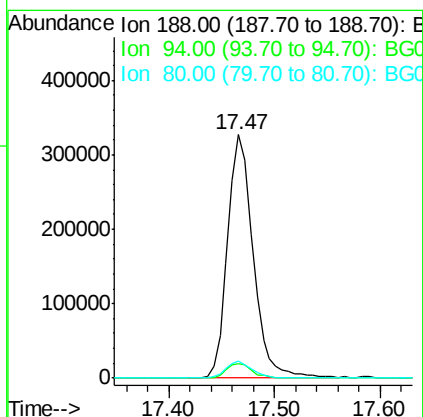
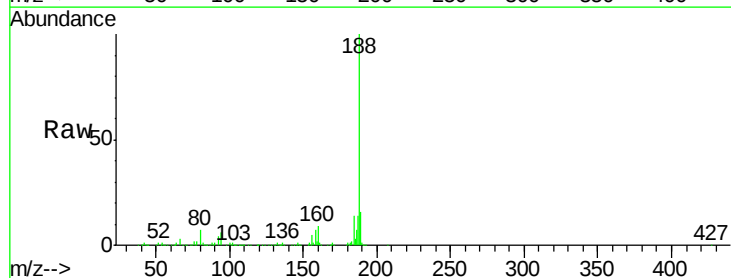
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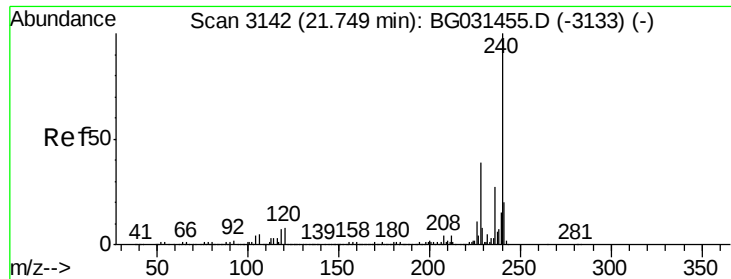
Tgt Ion:172 Resp: 1332041
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 23.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG031652.D
 Acq: 19 Dec 2017 2:29

Tgt Ion:188 Resp: 548958
 Ion Ratio Lower Upper
 188 100
 94 6.1 6.9 10.3#
 80 7.2 7.7 11.5#

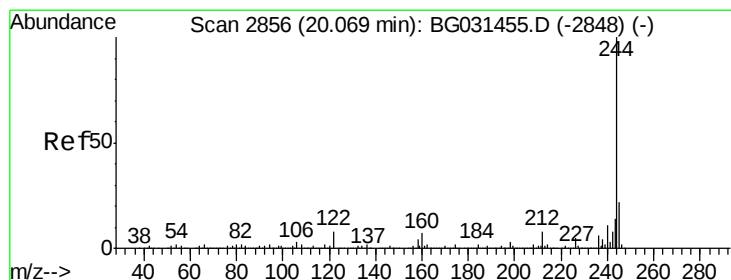
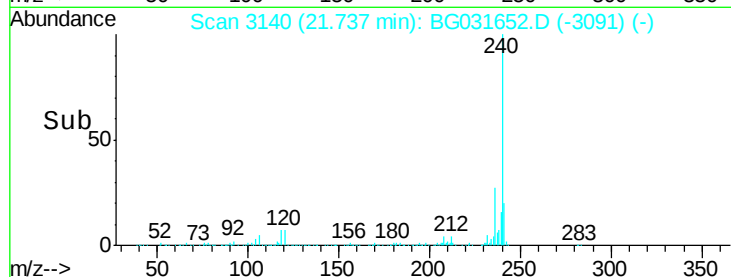
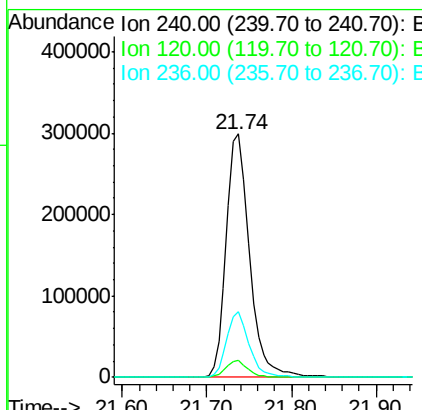
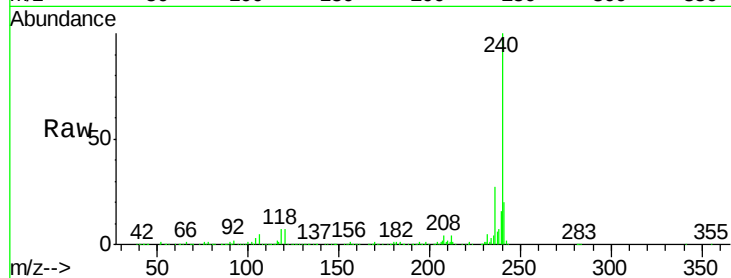




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031652.D
Acq: 19 Dec 2017 2:29

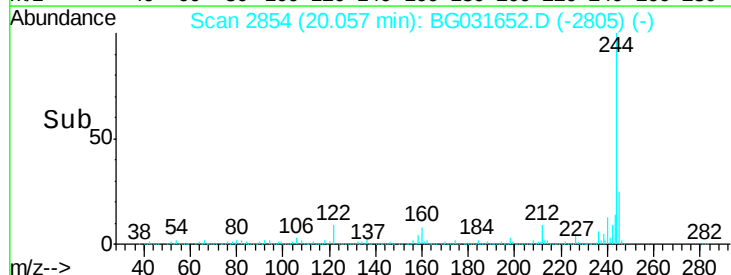
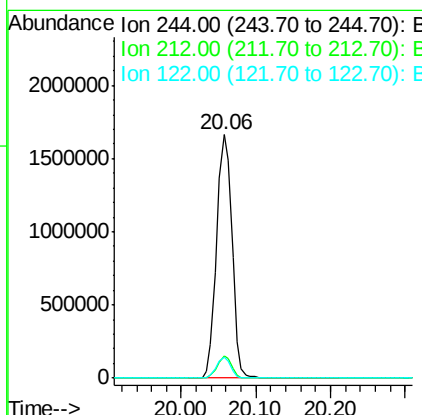
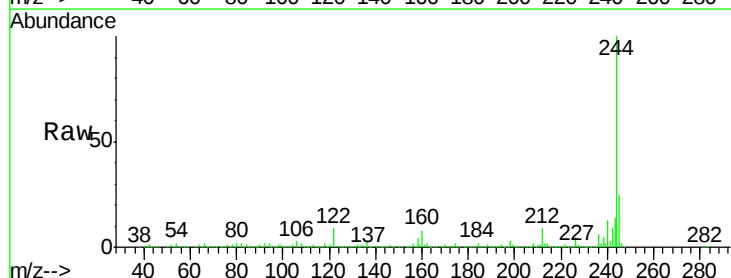
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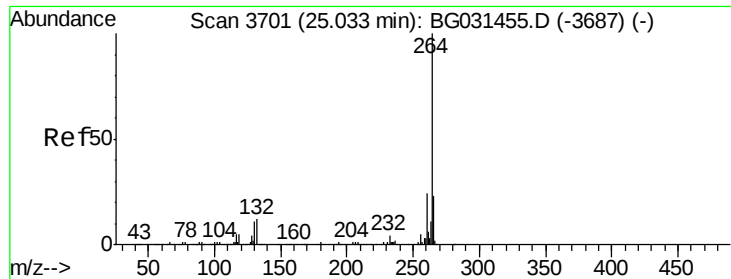
Tgt Ion:240 Resp: 571917
Ion Ratio Lower Upper
240 100
120 7.1 6.8 10.2
236 26.8 20.9 31.3



#78
Terphenyl-d14
Concen: 94.608 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG031652.D
Acq: 19 Dec 2017 2:29

Tgt Ion:244 Resp: 2378187
Ion Ratio Lower Upper
244 100
212 9.1 5.8 8.8#
122 8.8 7.0 10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3698
Delta R.T. -0.02 min
Lab File: BG031652.D
Acq: 19 Dec 2017 2:29

Instrument :
BNA_G
ClientSampleId :
OR-01-121517-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.7	17.7	26.5

