

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
 Data File : BG032192.D
 Acq On : 20 Jan 2018 23:05
 Operator : SJ/JU
 Sample : J1210-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3992

Quant Time: Jan 22 05:46:58 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	48514	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	186561	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	123130	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	323945	20.00	ng	0.00
75) Chrysene-d12	22.44	240	425251	20.00	ng	0.00
86) Perylene-d12	26.14	264	448486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.18	112	303976	114.60	ng	0.01
7) Phenol-d6	7.85	99	334614	100.16	ng	0.00
23) Nitrobenzene-d5	9.94	82	266392	96.60	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	293225	143.91	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	909659	91.61	ng	0.00
78) Terphenyl-d14	20.64	244	1758170	91.29	ng	0.00

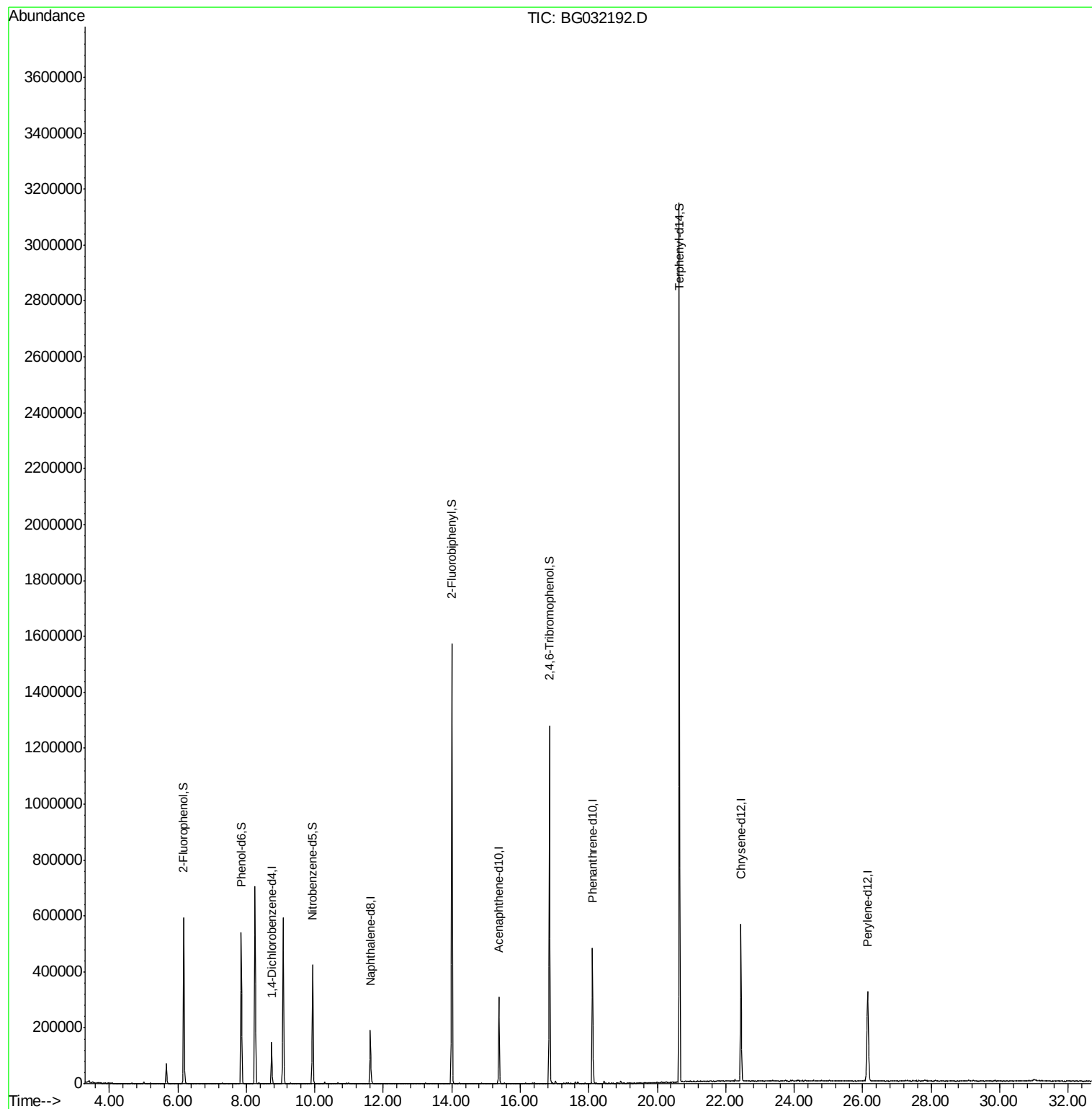
Target Compounds	Qvalue
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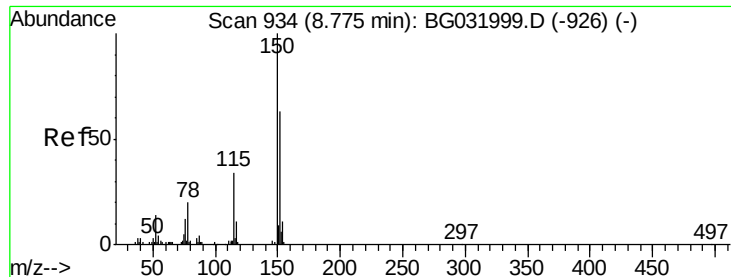
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.74 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG032192.D

Acq: 20 Jan 2018 23:05

Instrument :

BNA_G

ClientSampleId :

RT-3992

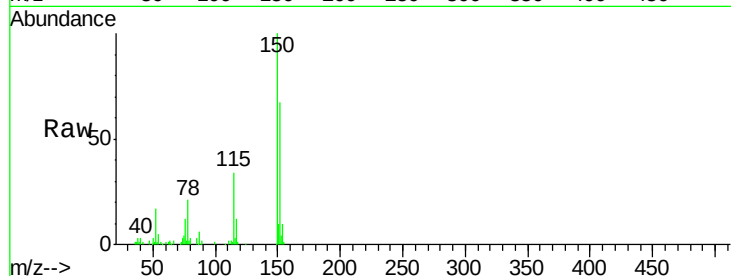
Tot Ion:152 Resp: 48514

Ion Ratio Lower Upper

152 100

150 150.3 126.6 189.8

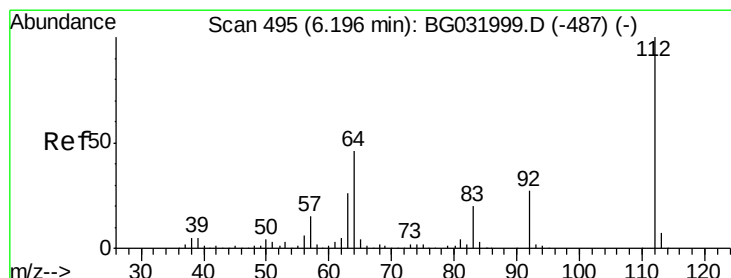
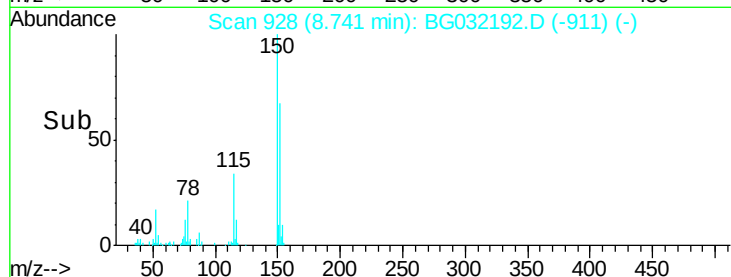
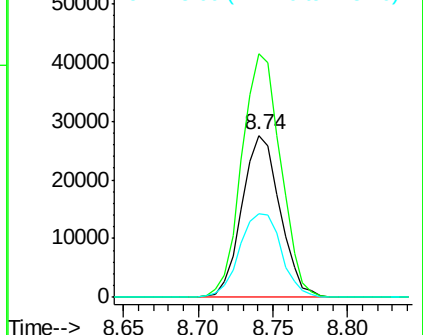
115 51.2 53.0 79.4#



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: 114.596 ng

RT: 6.18 min Scan# 492

Delta R.T. 0.01 min

Lab File: BG032192.D

Acq: 20 Jan 2018 23:05

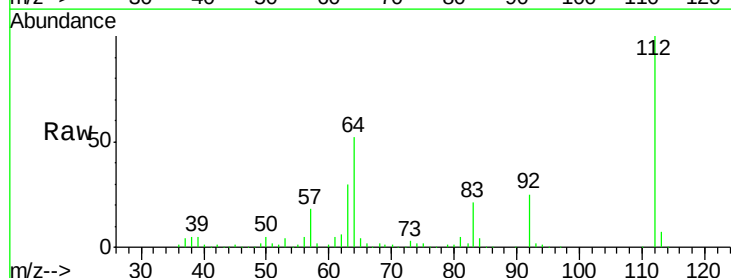
Tgt Ion:112 Resp: 303976

Ion Ratio Lower Upper

112 100

64 51.6 56.3 84.5#

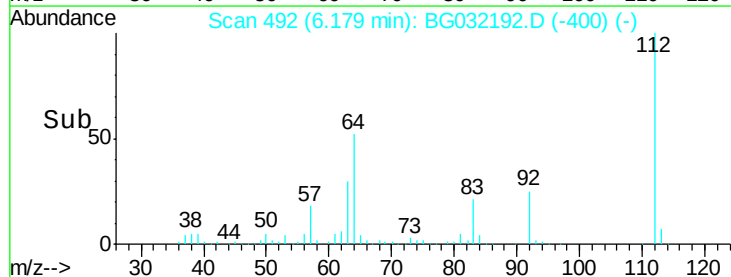
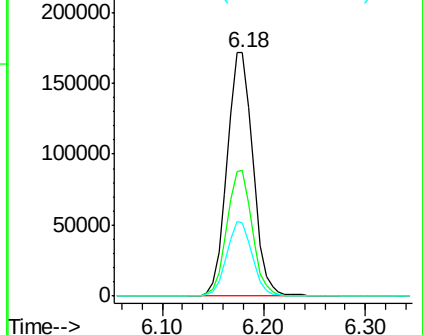
63 30.1 30.1 45.1

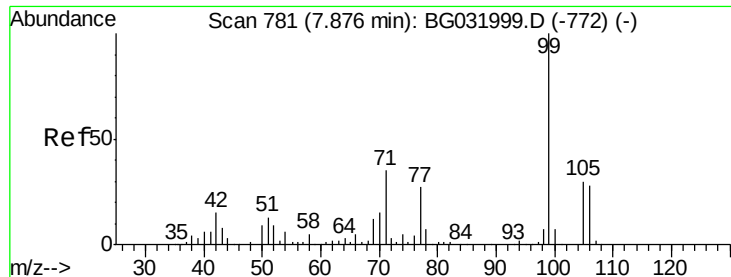


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 100.161 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032192.D

Acq: 20 Jan 2018 23:05

Instrument :

BNA_G

ClientSampleId :

RT-3992

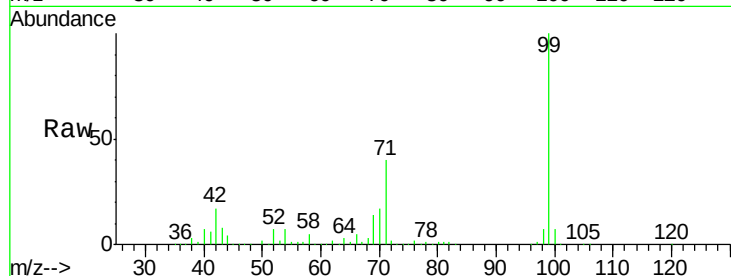
Tot Ion: 99 Resp: 334614

Ion Ratio Lower Upper

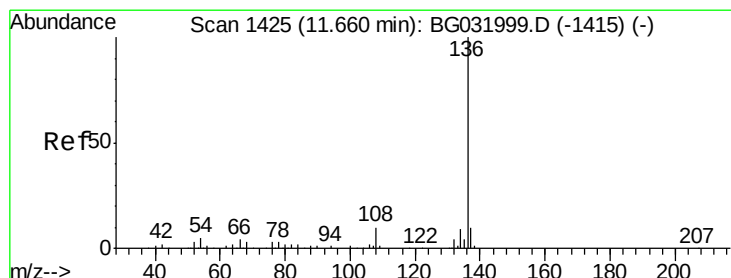
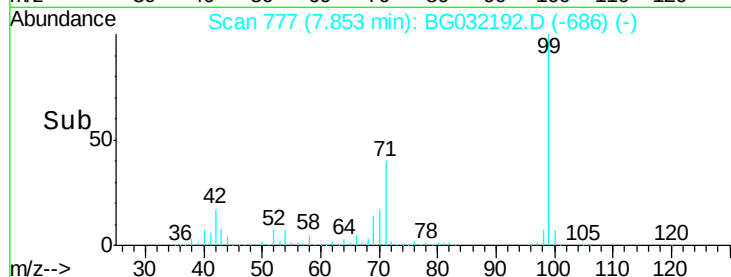
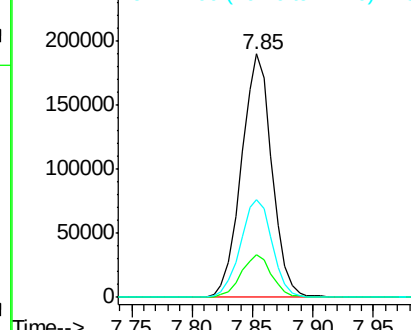
99 100

42 17.4 14.1 21.1

71 40.2 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: 11.63 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BG032192.D

Acq: 20 Jan 2018 23:05

Tgt Ion:136 Resp: 186561

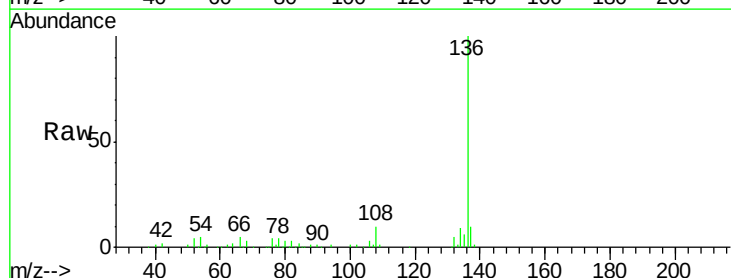
Ion Ratio Lower Upper

136 100

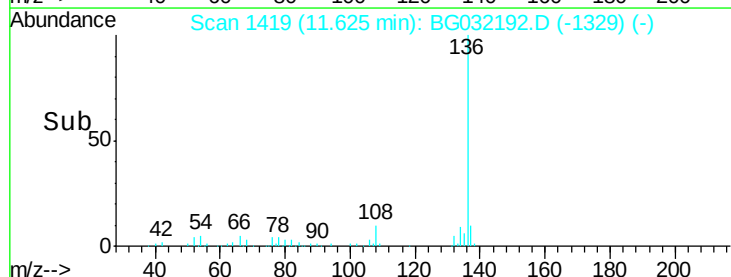
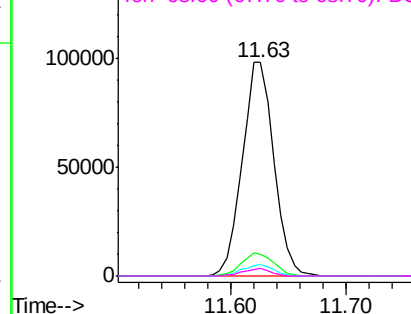
137 10.5 9.2 13.8

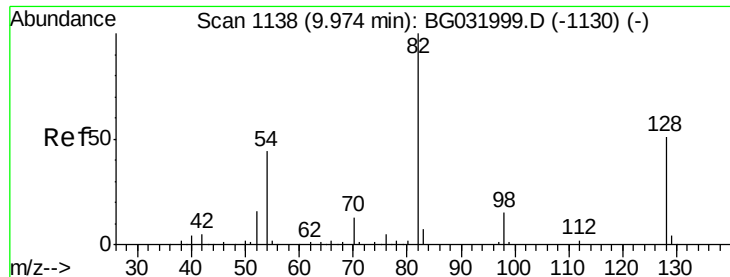
54 5.4 10.3 15.5#

68 3.4 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

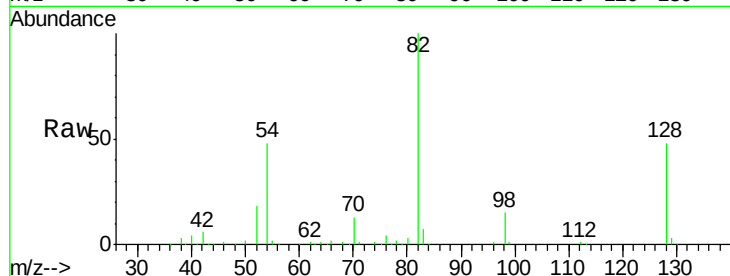




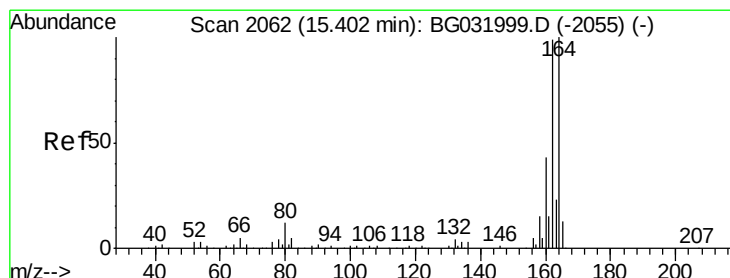
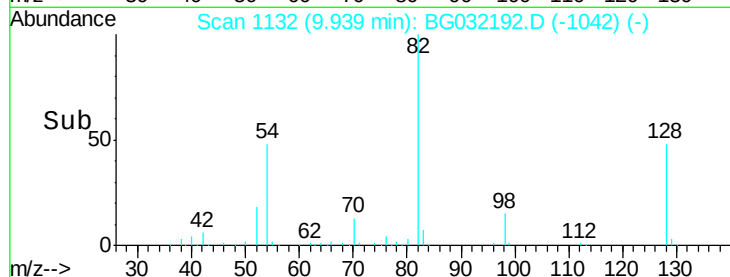
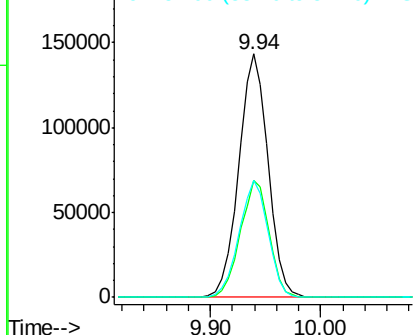
#23
Nitrobenzene-d5
Concen: 96.604 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032192.D
Acq: 20 Jan 2018 23:05

Instrument :
BNA_G
ClientSampleId :
RT-3992

Tot Ion: 82 Resp: 266392
Ion Ratio Lower Upper
82 100
128 48.0 29.7 44.5#
54 47.9 43.1 64.7

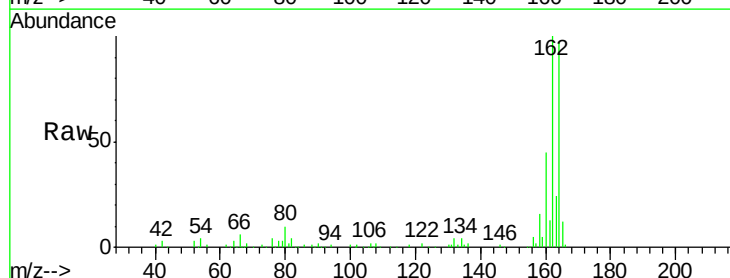


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

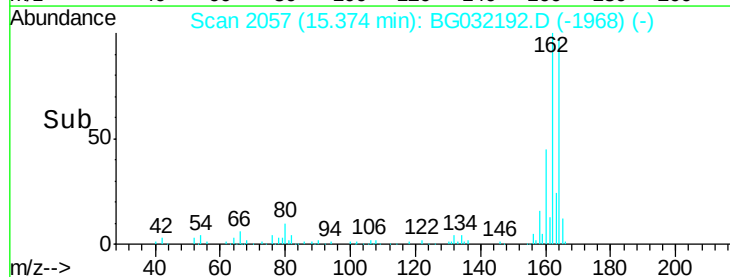
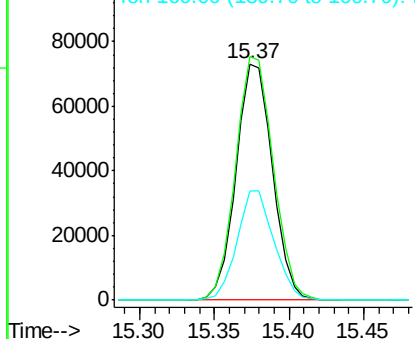


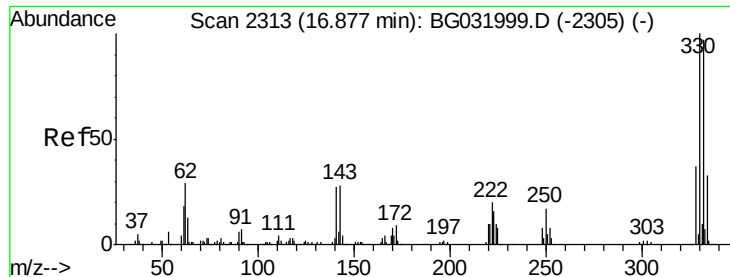
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG032192.D
Acq: 20 Jan 2018 23:05

Tgt Ion:164 Resp: 123130
Ion Ratio Lower Upper
164 100
162 103.1 78.8 118.2
160 46.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

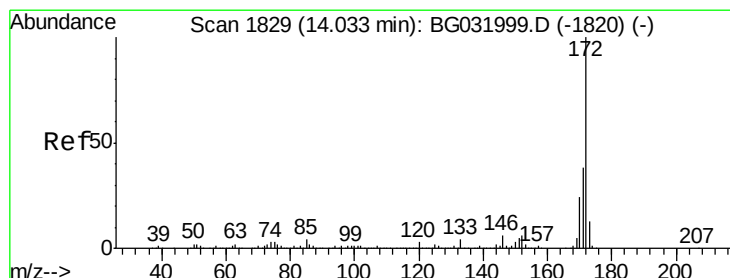
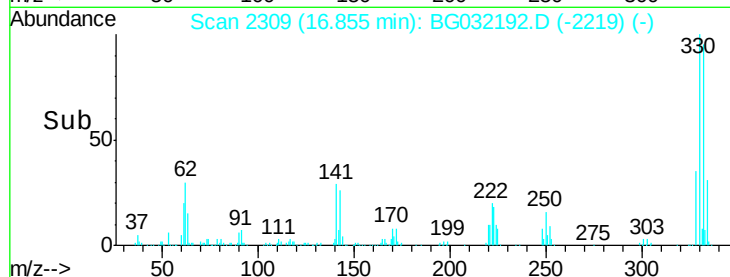
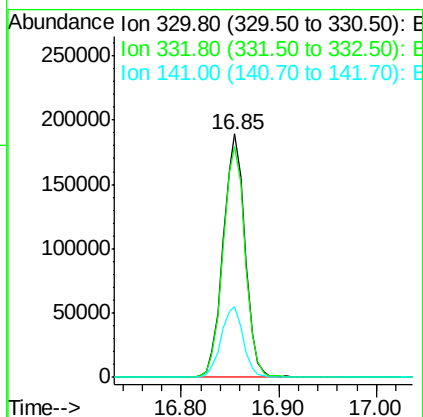
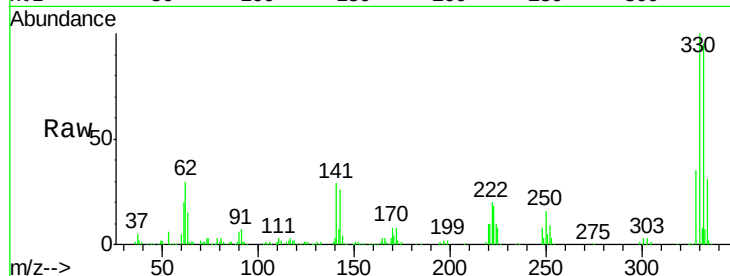




#41
 2,4,6-Tribromophenol
 Concen: 143.913 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG032192.D
 Acq: 20 Jan 2018 23:05

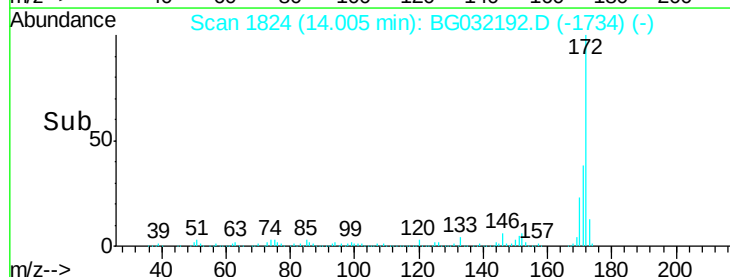
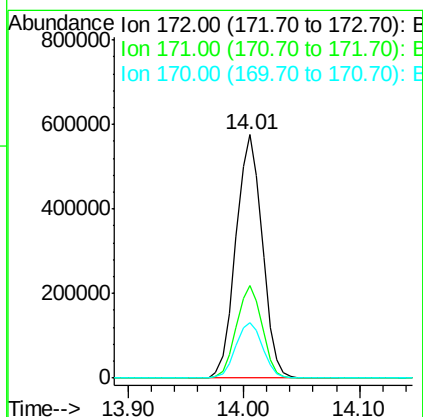
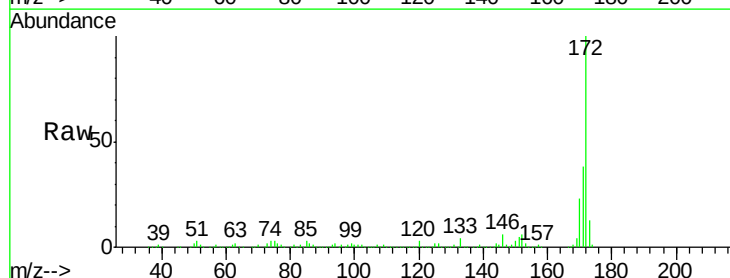
Instrument :
 BNA_G
 ClientSampleId :
 RT-3992

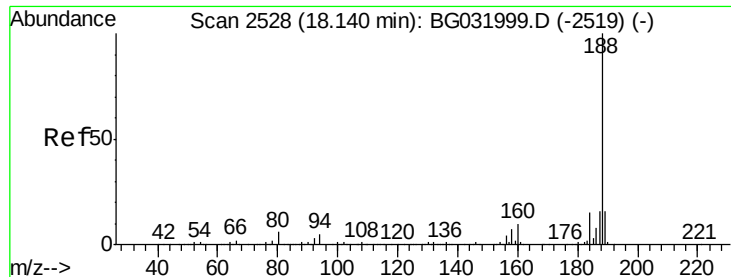
Tot Ion:330 Resp: 293225
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 29.5 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 91.605 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG032192.D
 Acq: 20 Jan 2018 23:05

Tgt Ion:172 Resp: 909659
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 22.9 19.5 29.3

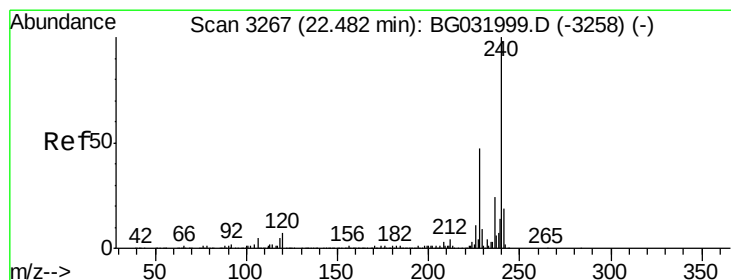
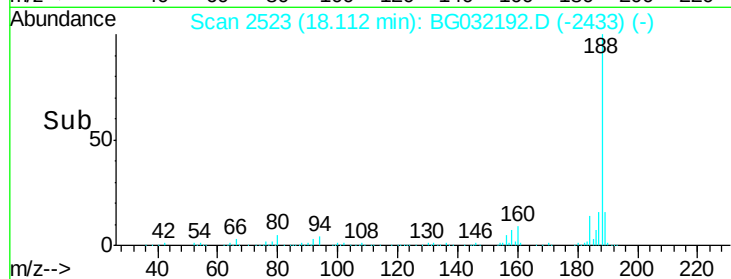
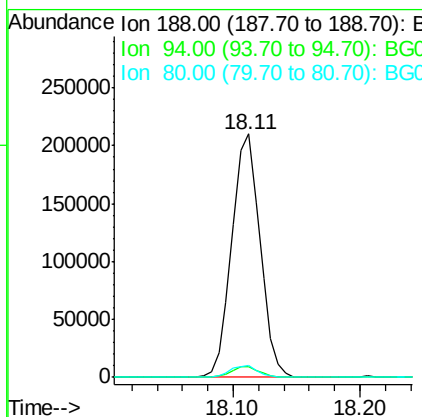
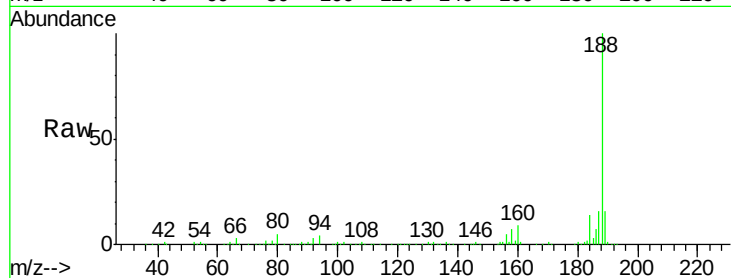




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032192.D
Acq: 20 Jan 2018 23:05

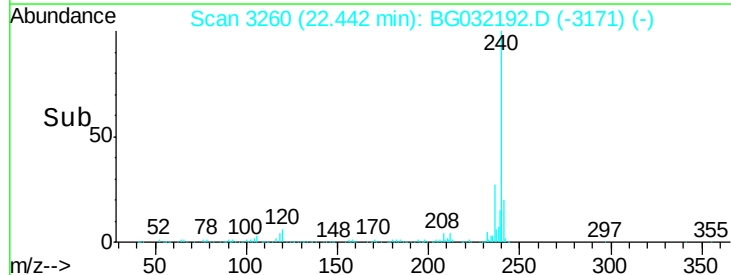
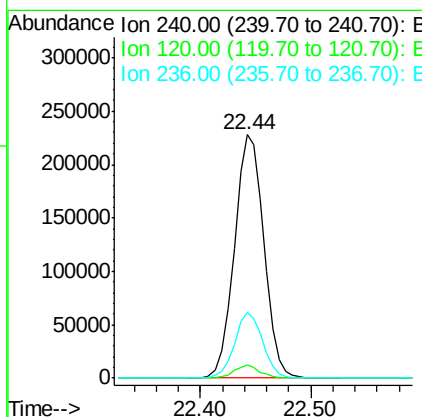
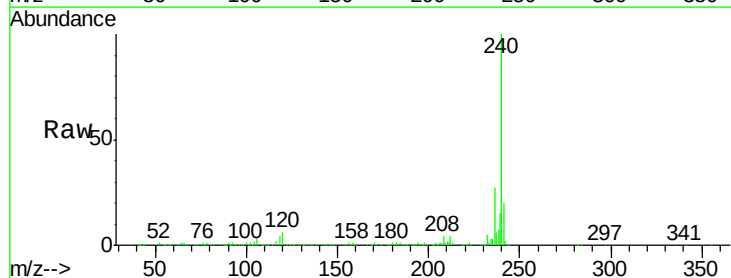
Instrument :
BNA_G
ClientSampled :
RT-3992

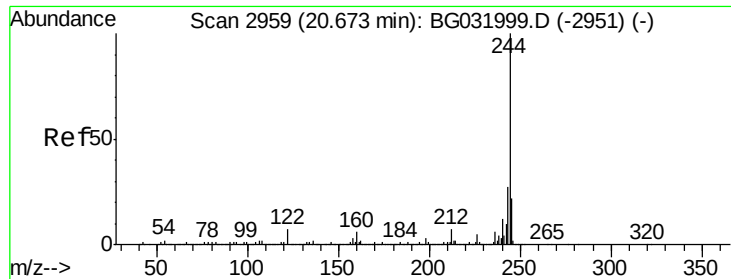
Tot Ion:188 Resp: 323945
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 5.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BG032192.D
Acq: 20 Jan 2018 23:05

Tgt Ion:240 Resp: 425251
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 91.290 ng

RT: 20.64 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BG032192.D

Acq: 20 Jan 2018 23:05

Instrument :

BNA_G

ClientSampleId :

RT-3992

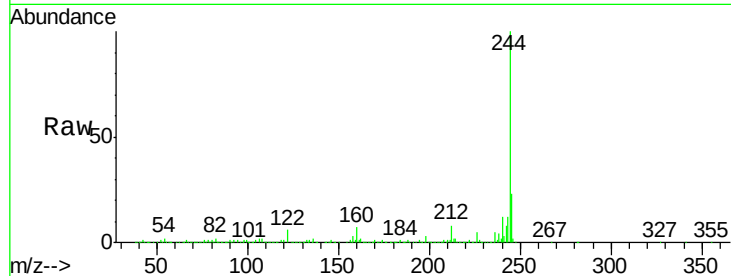
Tot Ion:244 Resp: 1758170

Ion Ratio Lower Upper

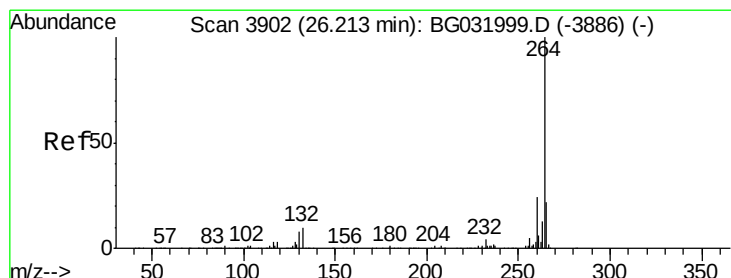
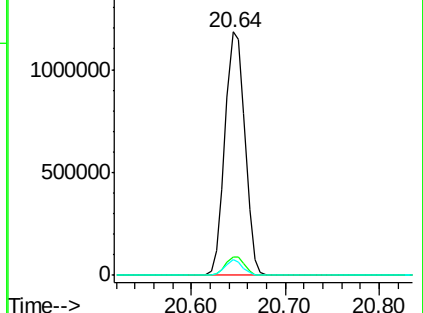
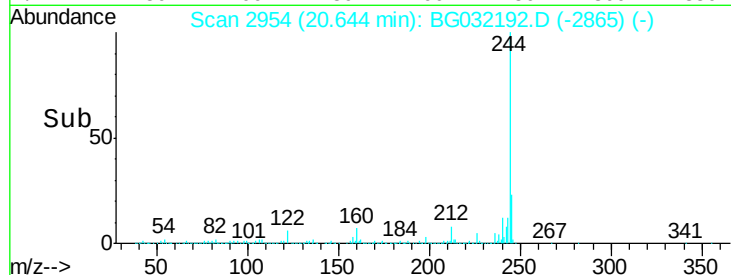
244 100

212 7.5 5.8 8.8

122 6.3 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: 26.14 min Scan# 3890

Delta R.T. -0.01 min

Lab File: BG032192.D

Acq: 20 Jan 2018 23:05

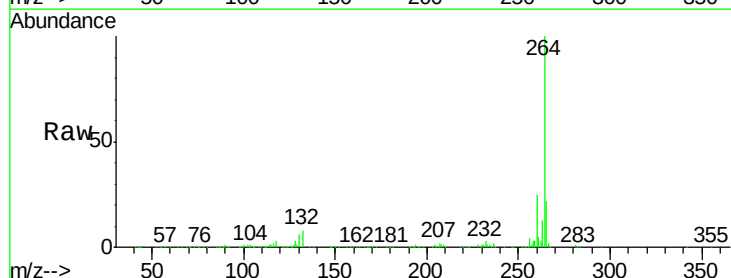
Tgt Ion:264 Resp: 448486

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

265 22.1 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

