

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
 Data File : BG032282.D
 Acq On : 25 Jan 2018 5:09
 Operator : SJ/JU
 Sample : J1016-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-012218

Quant Time: Jan 25 07:49:43 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	40609	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	157581	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	107543	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	298861	20.00	ng	0.00
75) Chrysene-d12	22.42	240	390739	20.00	ng	0.00
86) Perylene-d12	26.11	264	402420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	193561	87.18	ng	0.00
7) Phenol-d6	7.84	99	221423	79.18	ng	0.00
23) Nitrobenzene-d5	9.92	82	156528	67.20	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	179048	100.61	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	551995	63.64	ng	0.00
78) Terphenyl-d14	20.63	244	1192956	67.41	ng	0.00

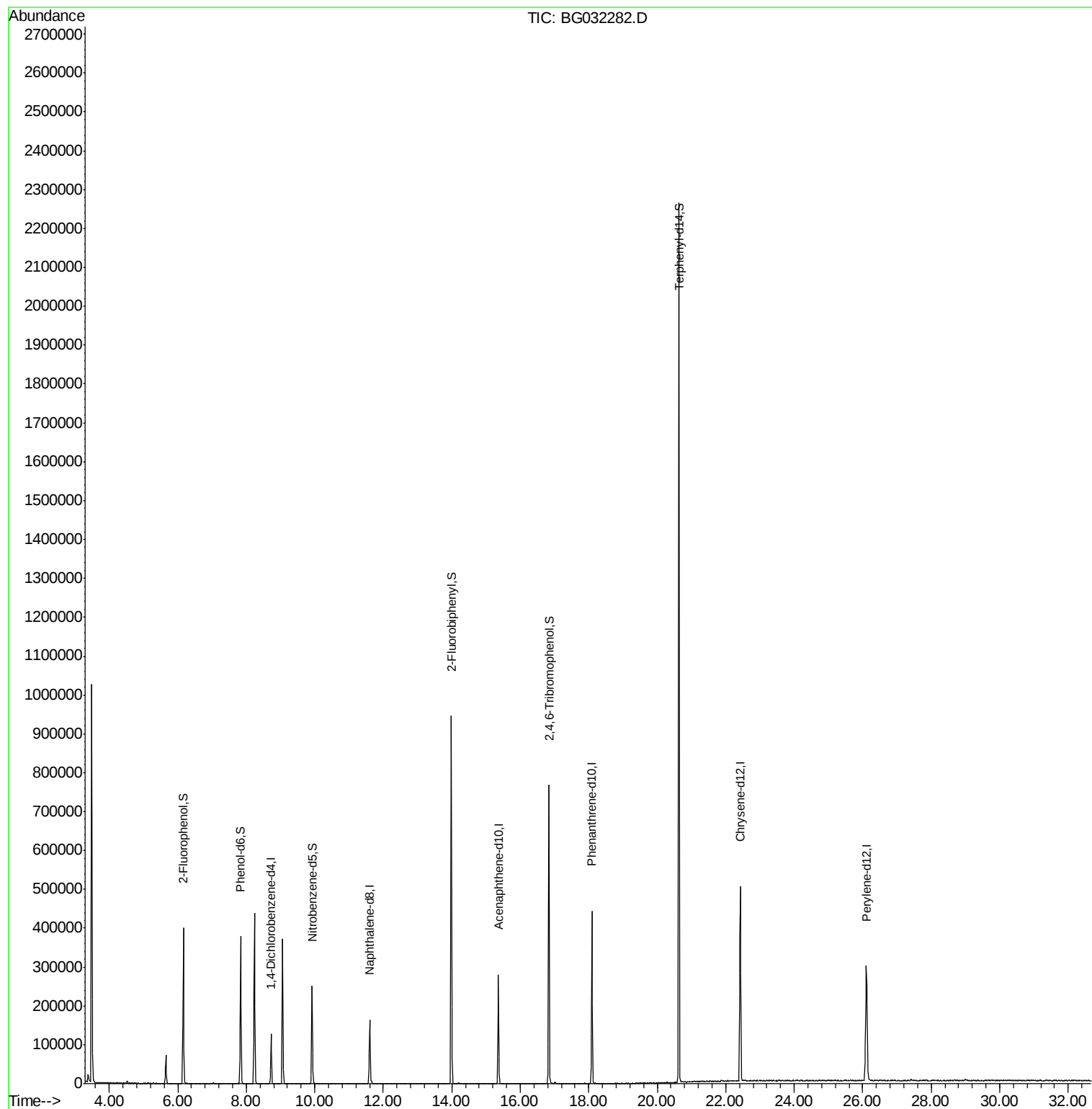
Target Compounds	Qvalue
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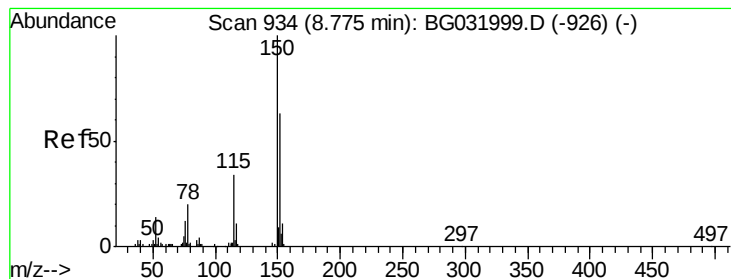
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 925

Delta R.T. -0.00 min

Lab File: BG032282.D

Acq: 25 Jan 2018 5:09

Instrument :

BNA_G

ClientSampleId :

OK-01-012218

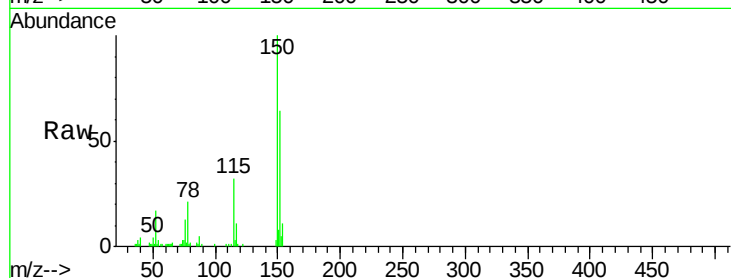
Tgt Ion:152 Resp: 40609

Ion Ratio Lower Upper

152 100

150 155.4 126.6 189.8

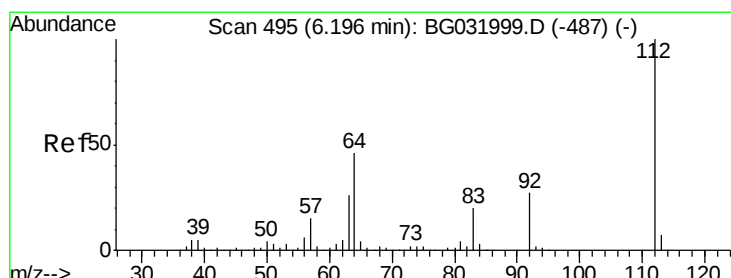
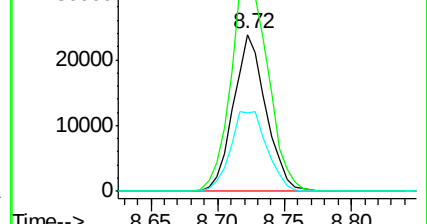
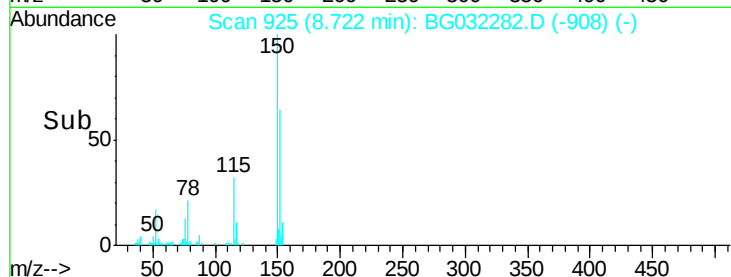
115 50.5 53.0 79.4#



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: 87.175 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG032282.D

Acq: 25 Jan 2018 5:09

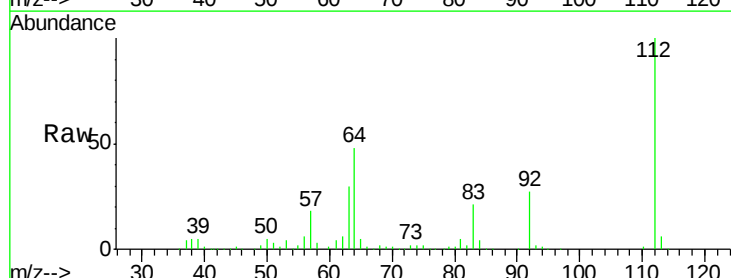
Tgt Ion:112 Resp: 193561

Ion Ratio Lower Upper

112 100

64 47.7 56.3 84.5#

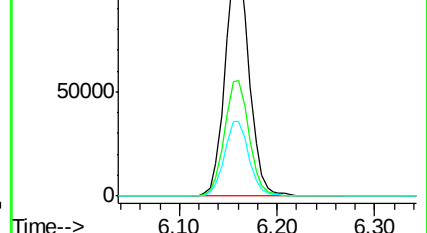
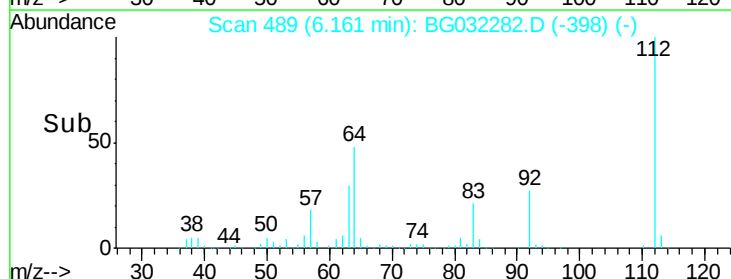
63 30.5 30.1 45.1

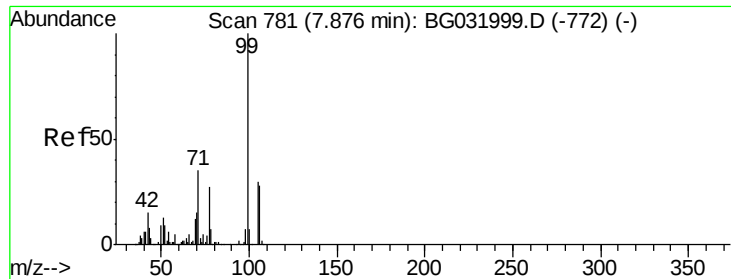


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 79.181 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032282.D

Acq: 25 Jan 2018 5:09

Instrument :

BNA_G

ClientSampleId :

OK-01-012218

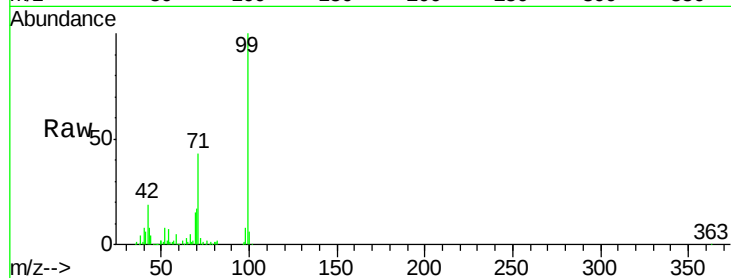
Tgt Ion: 99 Resp: 221423

Ion Ratio Lower Upper

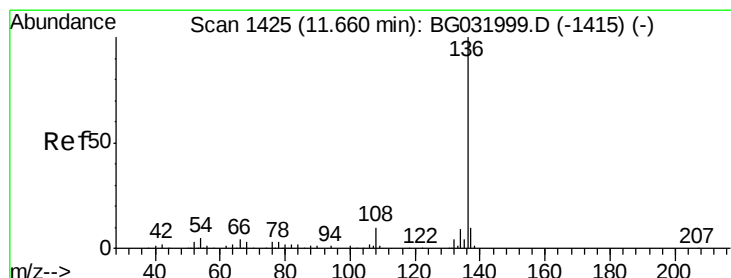
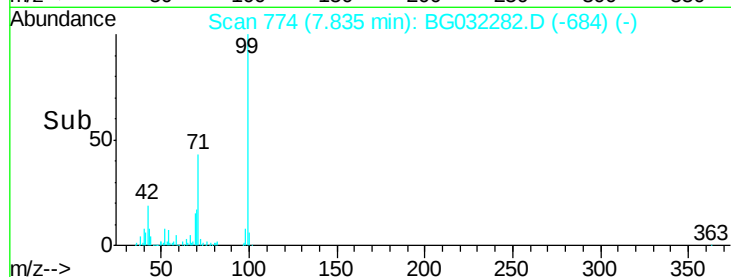
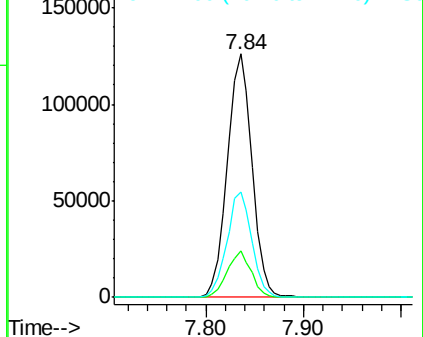
99 100

42 19.0 14.1 21.1

71 43.4 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: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032282.D

Acq: 25 Jan 2018 5:09

Tgt Ion: 136 Resp: 157581

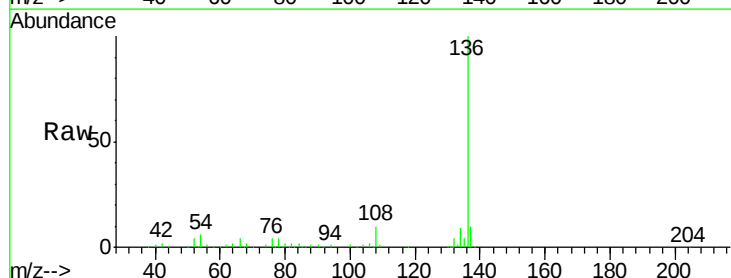
Ion Ratio Lower Upper

136 100

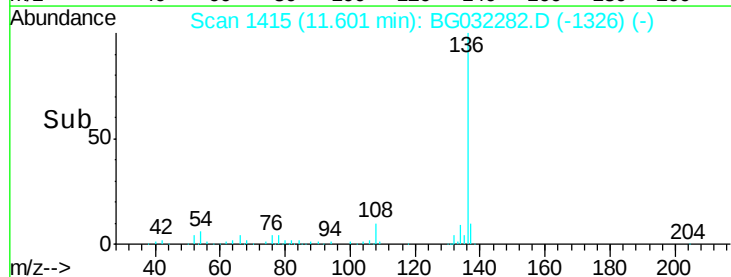
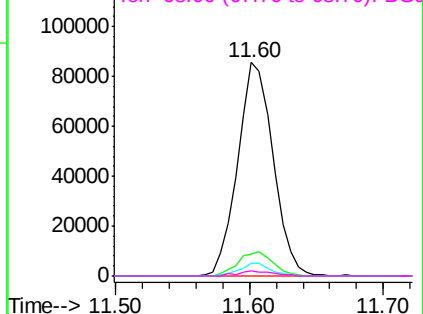
137 10.3 9.2 13.8

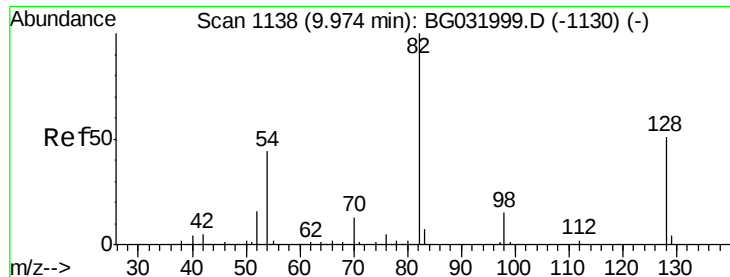
54 6.1 10.3 15.5#

68 2.2 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

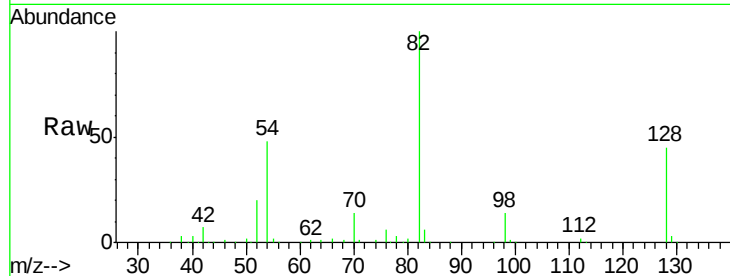




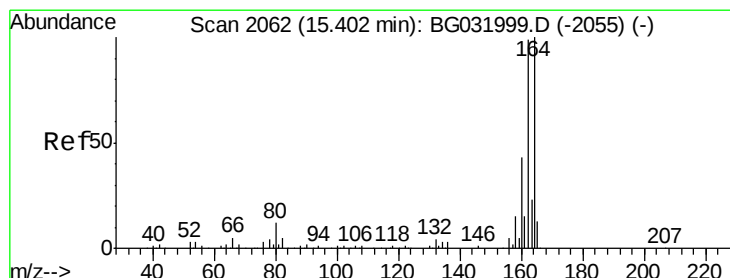
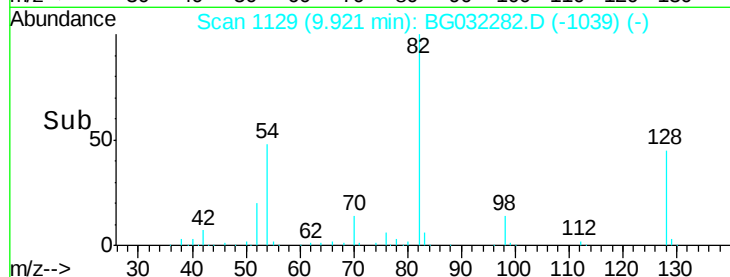
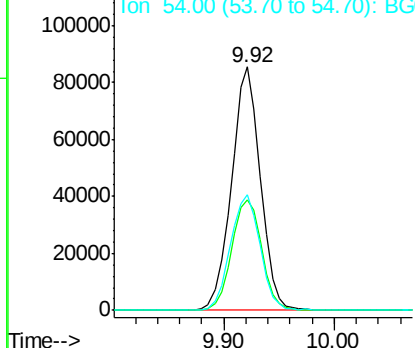
#23
Nitrobenzene-d5
Concen: 67.202 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Instrument :
BNA_G
ClientSampleId :
OK-01-012218

Tgt Ion: 82 Resp: 156528
Ion Ratio Lower Upper
82 100
128 45.3 29.7 44.5#
54 47.5 43.1 64.7

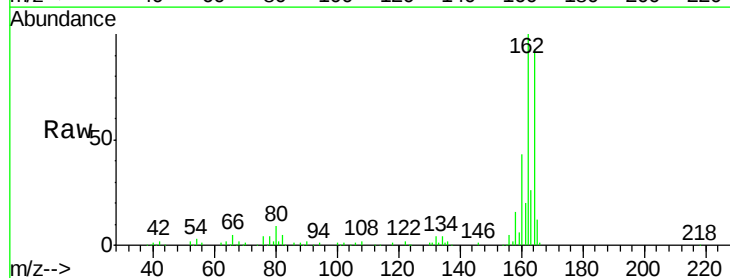


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

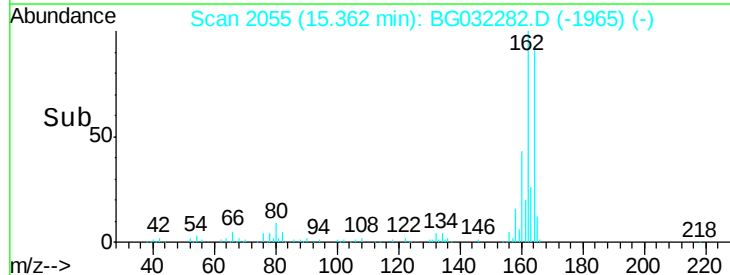
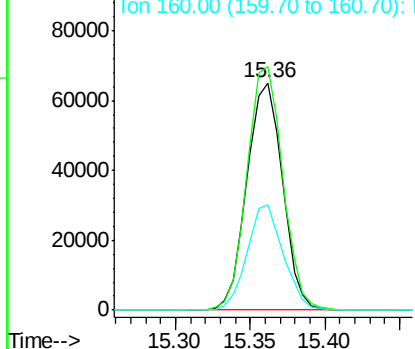


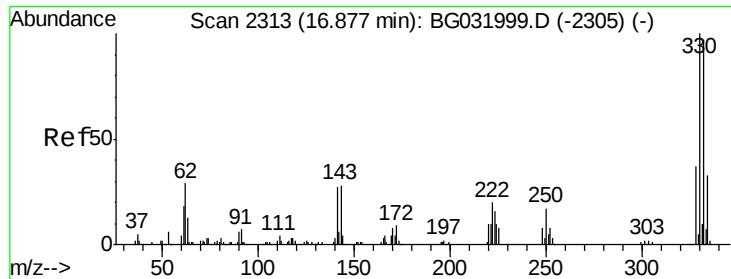
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Tgt Ion: 164 Resp: 107543
Ion Ratio Lower Upper
164 100
162 107.1 78.8 118.2
160 46.1 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: 100.612 ng

RT: 16.84 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BG032282.D

Acq: 25 Jan 2018 5:09

Instrument :

BNA_G

ClientSampled :

OK-01-012218

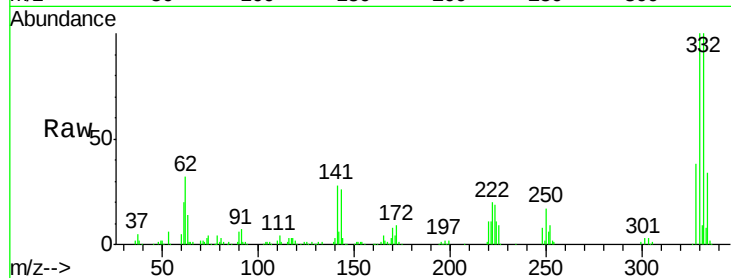
Tgt Ion:330 Resp: 179048

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

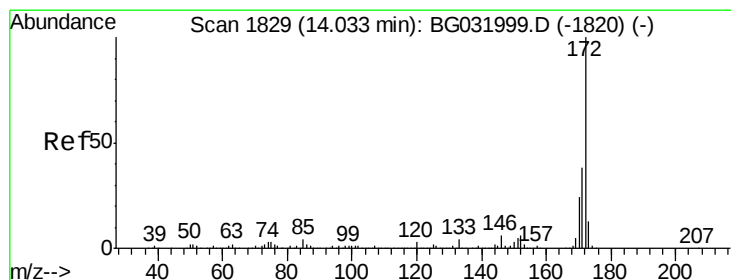
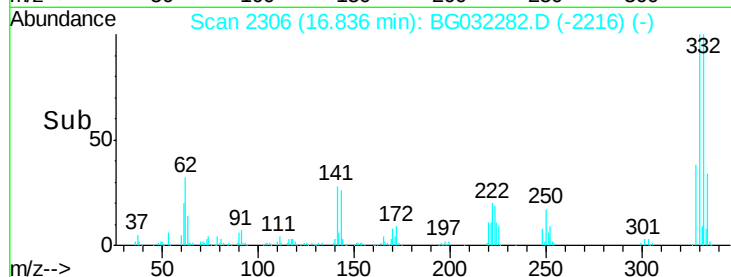
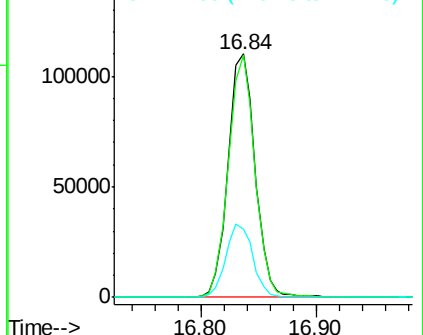
141 30.2 25.2 37.8



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: 63.644 ng

RT: 13.99 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BG032282.D

Acq: 25 Jan 2018 5:09

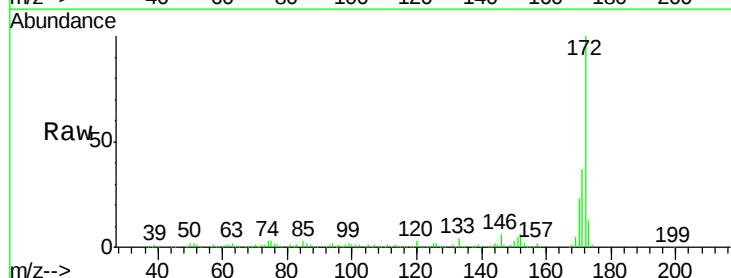
Tgt Ion:172 Resp: 551995

Ion Ratio Lower Upper

172 100

171 37.0 30.0 45.0

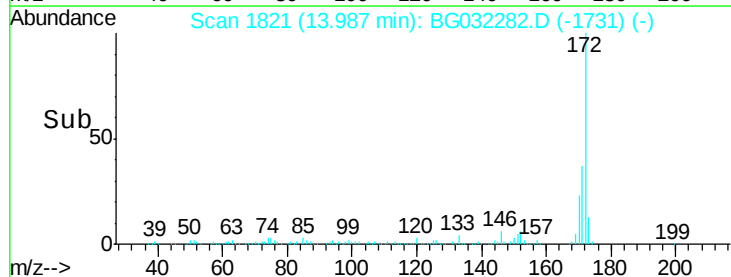
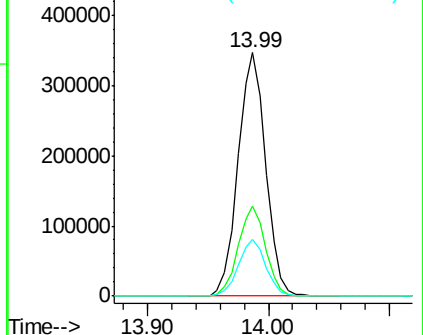
170 23.5 19.5 29.3

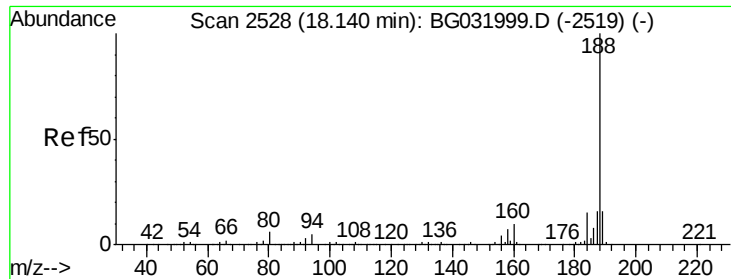


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

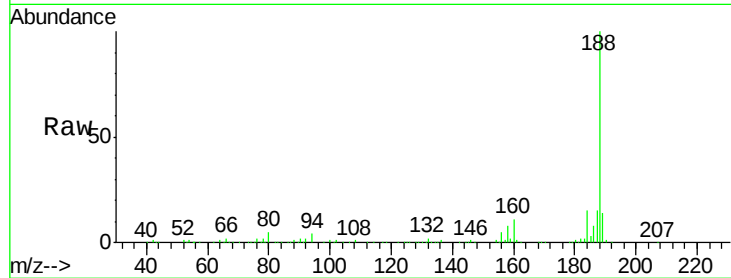




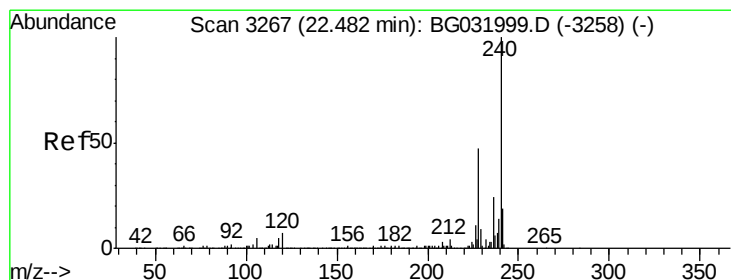
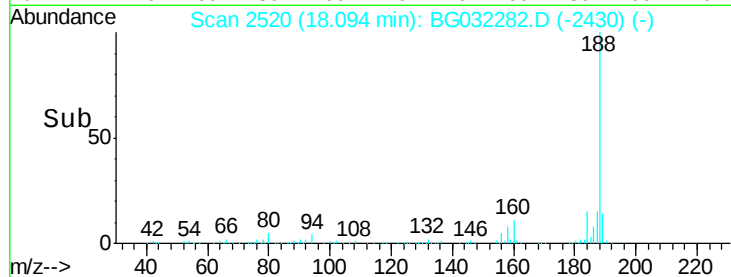
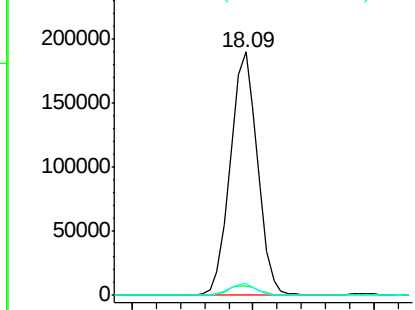
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Instrument :
BNA_G
ClientSampleId :
OK-01-012218

Tgt Ion:188 Resp: 298861
Ion Ratio Lower Upper
188 100
94 3.7 6.9 10.3#
80 5.0 7.7 11.5#

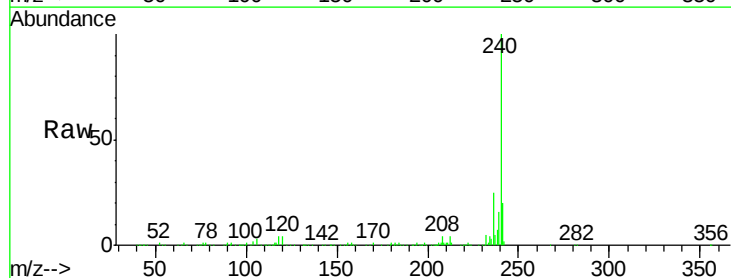


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

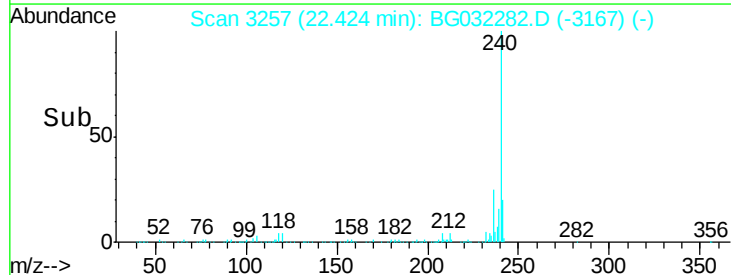
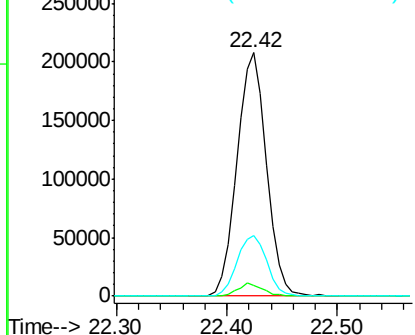


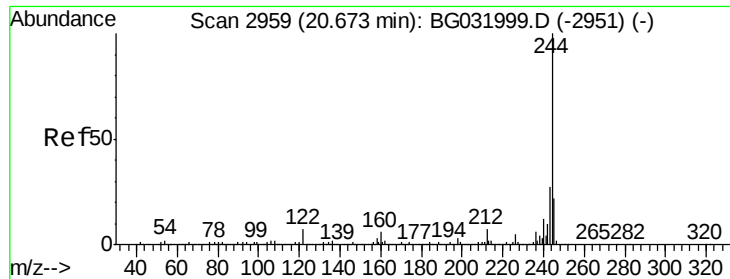
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3257
Delta R.T. -0.00 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Tgt Ion:240 Resp: 390739
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 24.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.413 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.00 min

Lab File: BG032282.D

Acq: 25 Jan 2018 5:09

Instrument :

BNA_G

ClientSampleId :

OK-01-012218

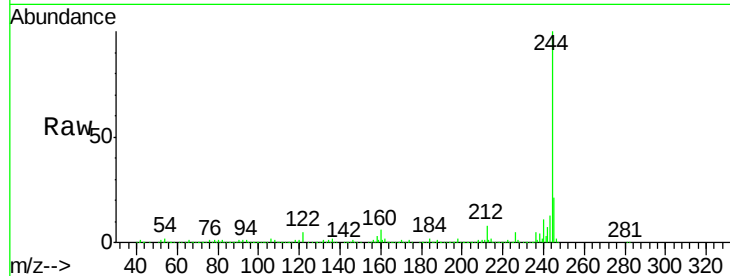
Tgt Ion:244 Resp: 1192956

Ion Ratio Lower Upper

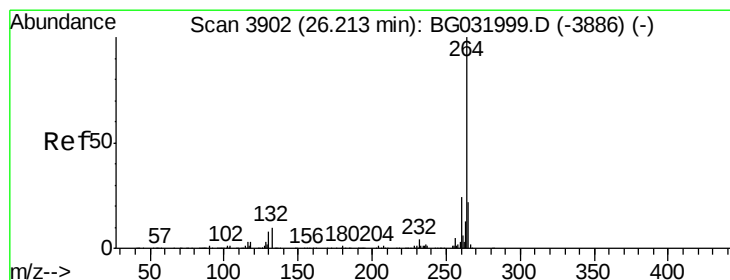
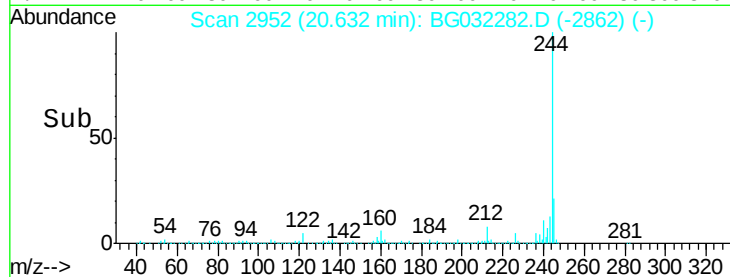
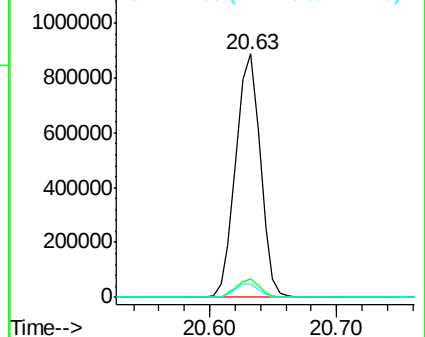
244 100

212 7.7 5.8 8.8

122 5.3 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: 26.11 min Scan# 3884

Delta R.T. -0.00 min

Lab File: BG032282.D

Acq: 25 Jan 2018 5:09

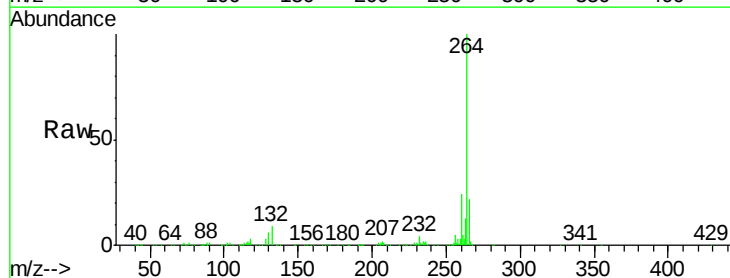
Tgt Ion:264 Resp: 402420

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 22.2 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

