

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032381.D
 Acq On : 28 Jan 2018 7:29
 Operator : SJ/JU
 Sample : J1325-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-2342

Quant Time: Jan 29 02:49:02 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	35803	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	130759	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	83225	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	227101	20.00	ng	0.00
75) Chrysene-d12	22.42	240	330033	20.00	ng	0.00
86) Perylene-d12	26.10	264	332610	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	220848	112.82	ng	0.00
7) Phenol-d6	7.84	99	225533	91.48	ng	0.00
23) Nitrobenzene-d5	9.92	82	199119	103.02	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	232624	168.91	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	686178	102.23	ng	0.00
78) Terphenyl-d14	20.63	244	1504567	100.66	ng	0.00

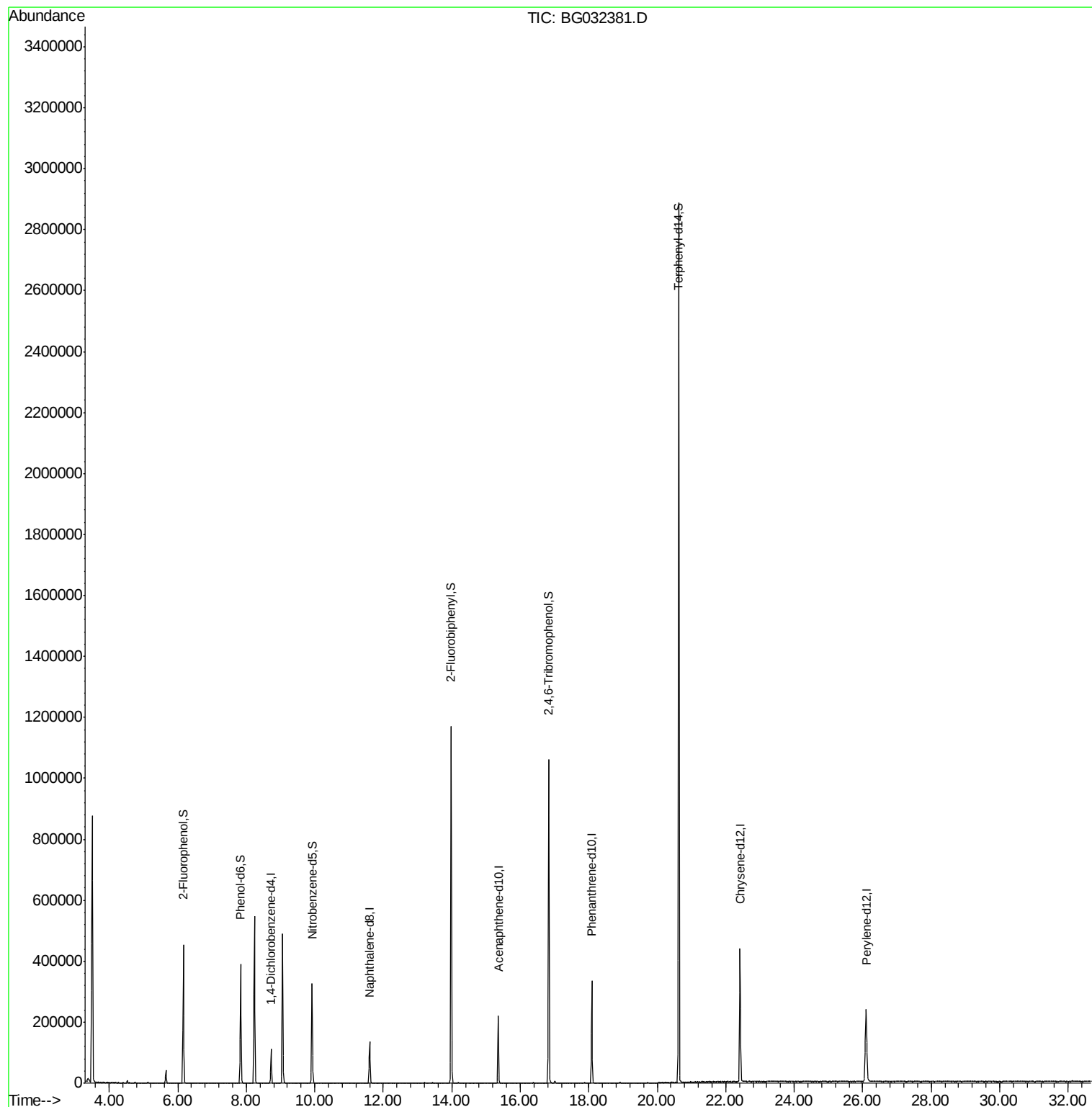
Target Compounds Qvalue

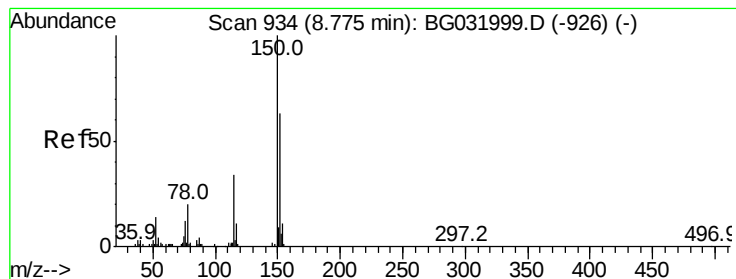
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG032381.D

Acq: 28 Jan 2018 7:29

Instrument :

BNA_G

ClientSampleId :

RO-2342

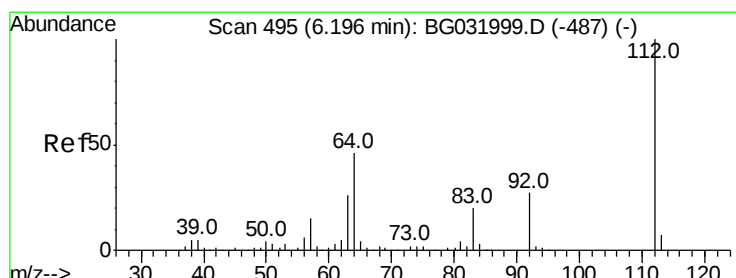
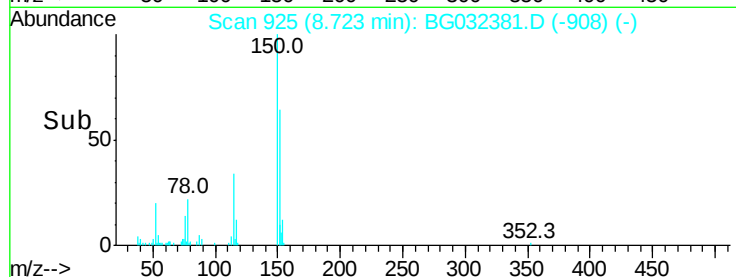
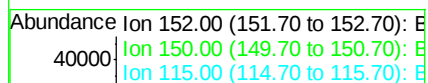
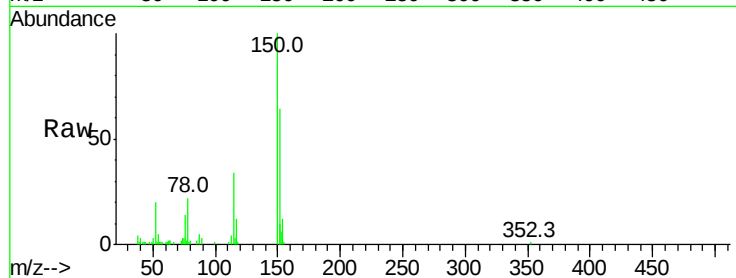
Tot Ion:152 Resp: 35803

Ion Ratio Lower Upper

152 100

150 155.2 126.6 189.8

115 52.2 53.0 79.4#



#5

2-Fluorophenol

Concen: 112.816 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG032381.D

Acq: 28 Jan 2018 7:29

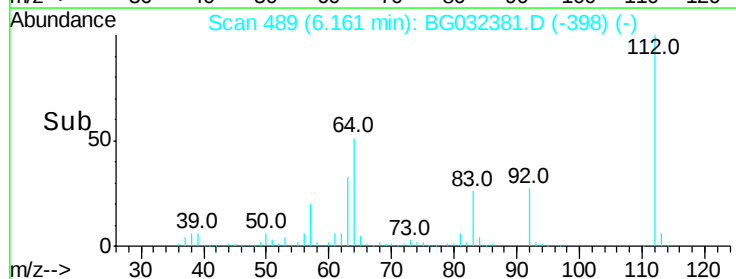
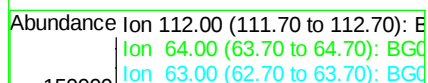
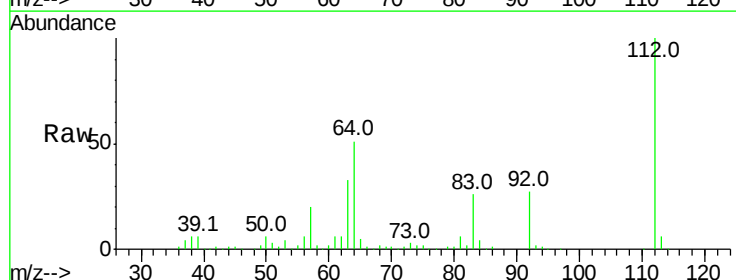
Tgt Ion:112 Resp: 220848

Ion Ratio Lower Upper

112 100

64 50.6 56.3 84.5#

63 33.4 30.1 45.1





#7

Phenol-d6

Concen: 91.477 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032381.D

Acq: 28 Jan 2018 7:29

Instrument :

BNA_G

ClientSampleId :

RO-2342

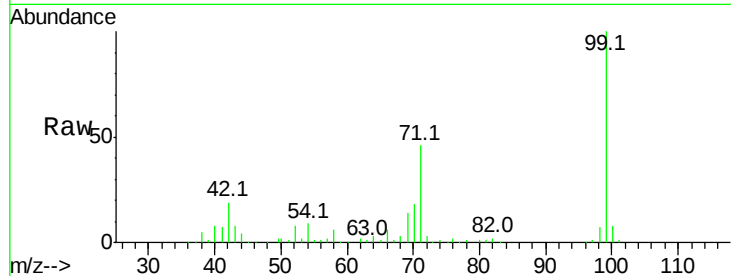
Tot Ion: 99 Resp: 225533

Ion Ratio Lower Upper

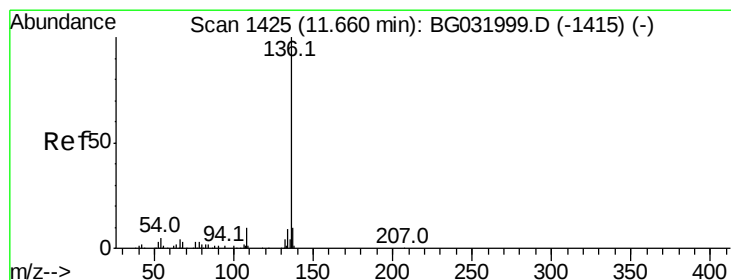
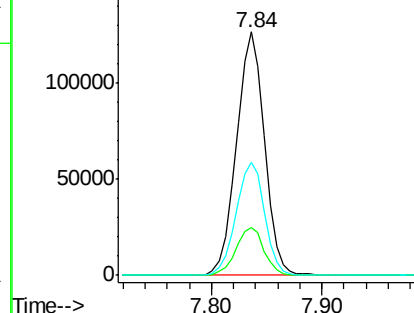
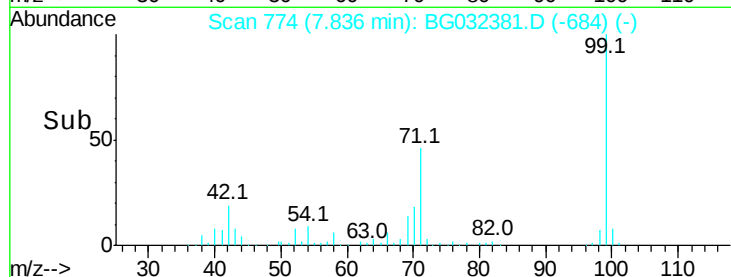
99 100

42 19.5 14.1 21.1

71 46.4 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: BG032381.D

Acq: 28 Jan 2018 7:29

Tgt Ion: 136 Resp: 130759

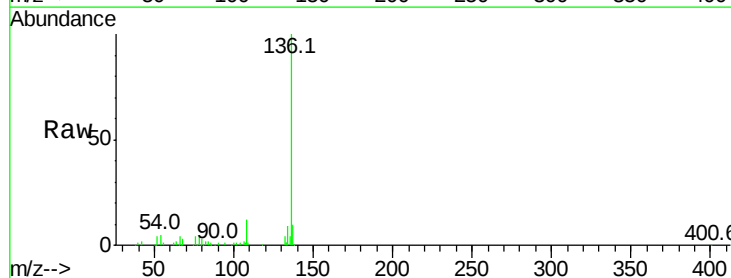
Ion Ratio Lower Upper

136 100

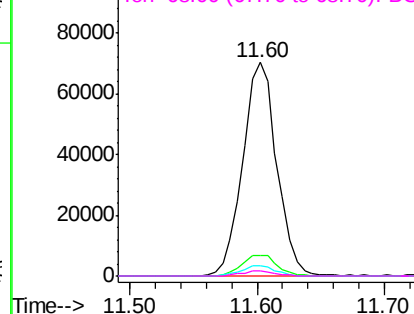
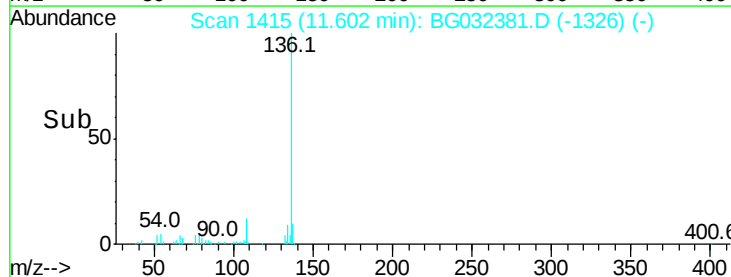
137 9.8 9.2 13.8

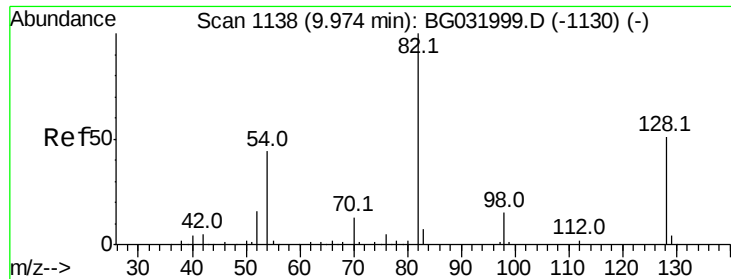
54 5.1 10.3 15.5#

68 2.7 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

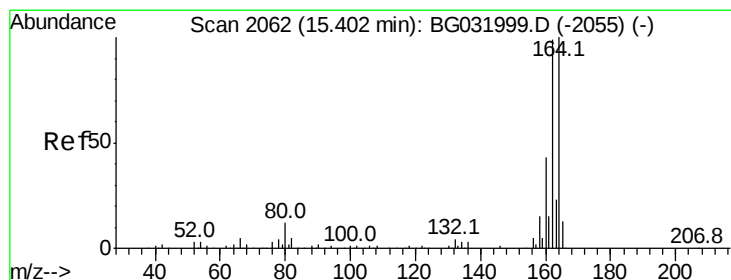
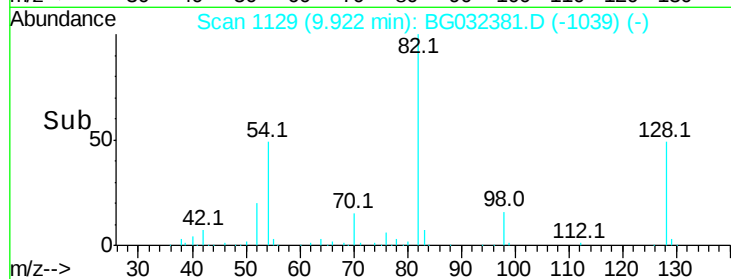
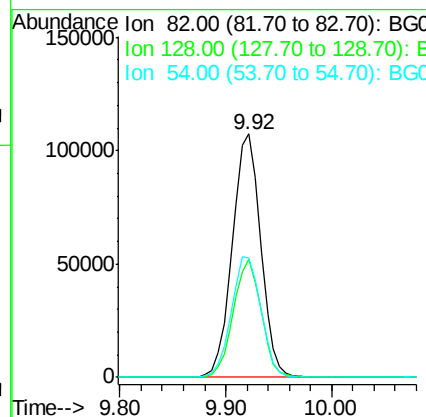
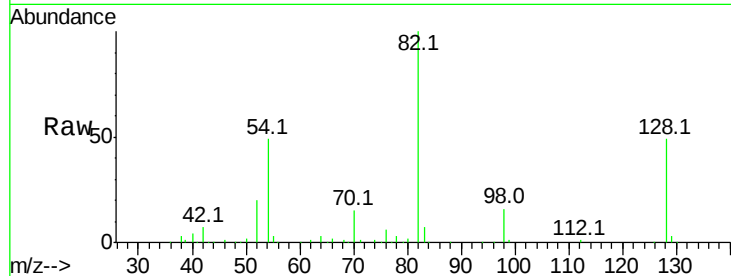




#23
Nitrobenzene-d5
Concen: 103.024 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032381.D
Acq: 28 Jan 2018 7:29

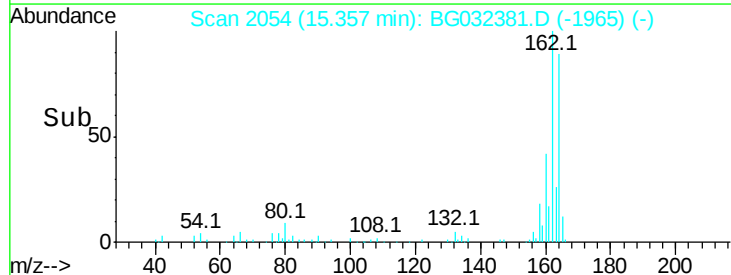
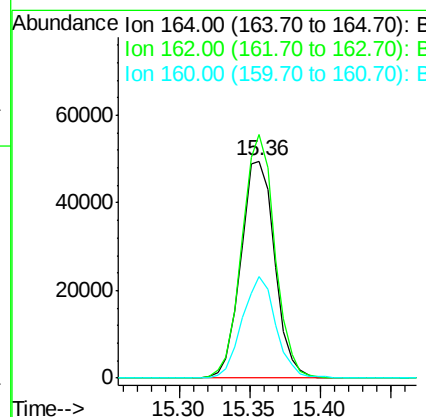
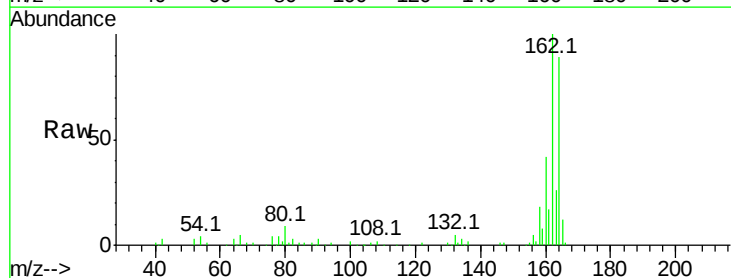
Instrument :
BNA_G
ClientSampleId :
RO-2342

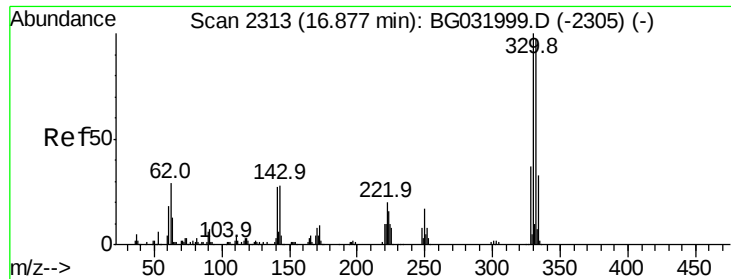
Tot Ion: 82 Resp: 199119
Ion Ratio Lower Upper
82 100
128 48.5 29.7 44.5#
54 49.0 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032381.D
Acq: 28 Jan 2018 7:29

Tgt Ion:164 Resp: 83225
Ion Ratio Lower Upper
164 100
162 112.2 78.8 118.2
160 47.0 35.4 53.0

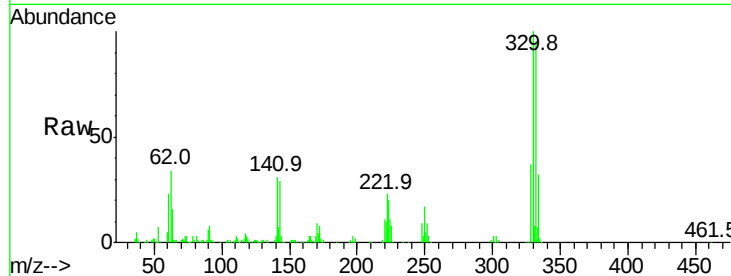




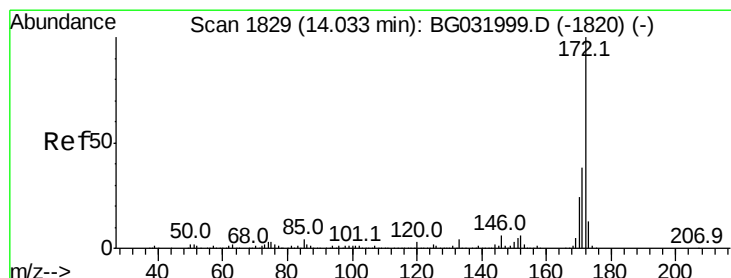
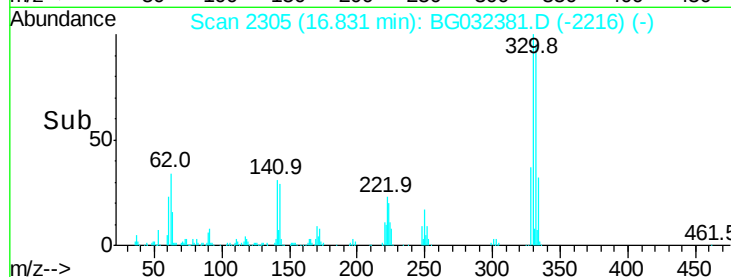
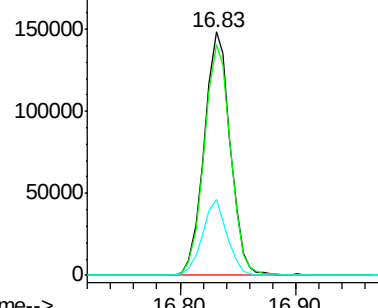
#41
 2,4,6-Tribromophenol
 Concen: 168.913 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG032381.D
 Acq: 28 Jan 2018 7:29

Instrument :
 BNA_G
 ClientSampleId :
 RO-2342

Tot Ion:330 Resp: 232624
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 29.3 25.2 37.8

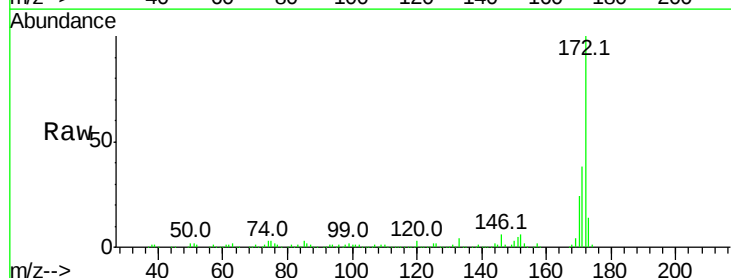


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

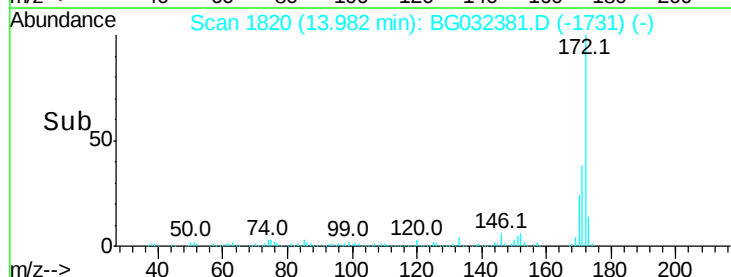
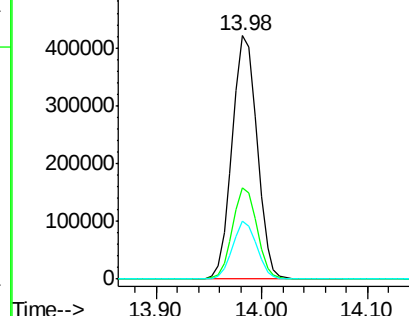


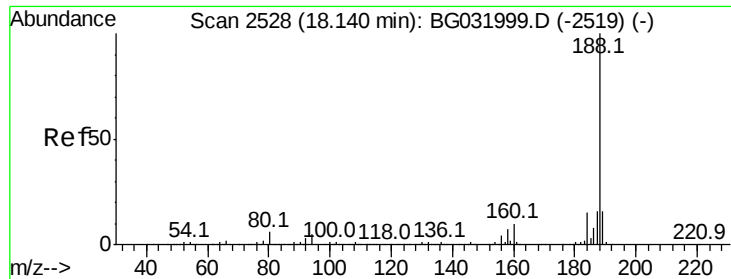
#44
 2-Fluorobiphenyl
 Concen: 102.232 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032381.D
 Acq: 28 Jan 2018 7:29

Tgt Ion:172 Resp: 686178
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 23.6 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

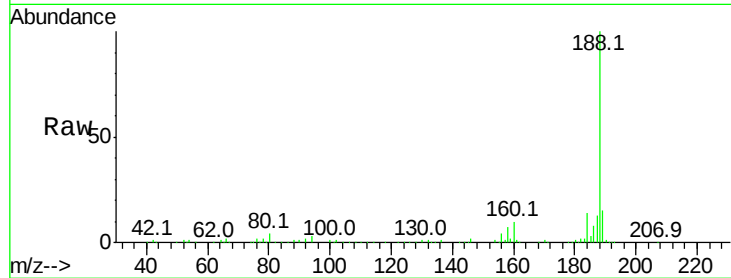




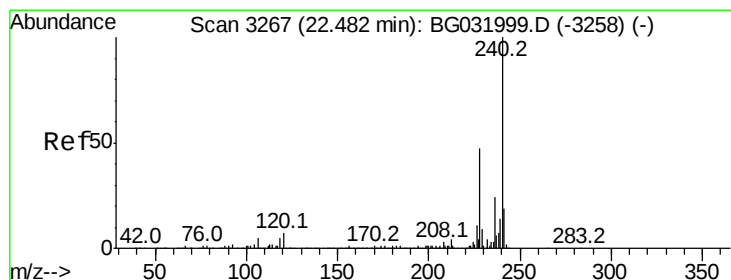
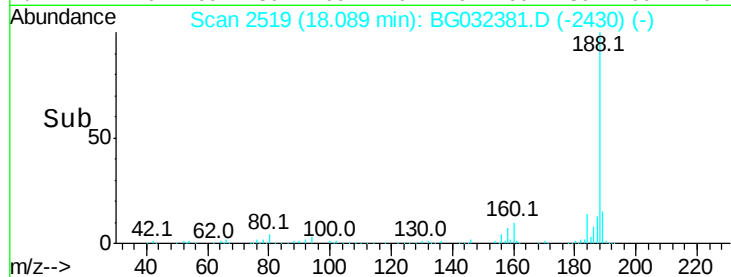
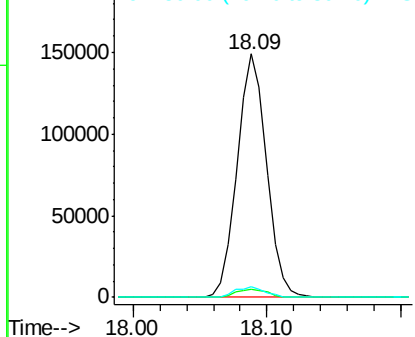
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032381.D
Acq: 28 Jan 2018 7:29

Instrument :
BNA_G
ClientSampleId :
RO-2342

Tot Ion:188 Resp: 227101
Ion Ratio Lower Upper
188 100
94 3.4 6.9 10.3#
80 4.2 7.7 11.5#

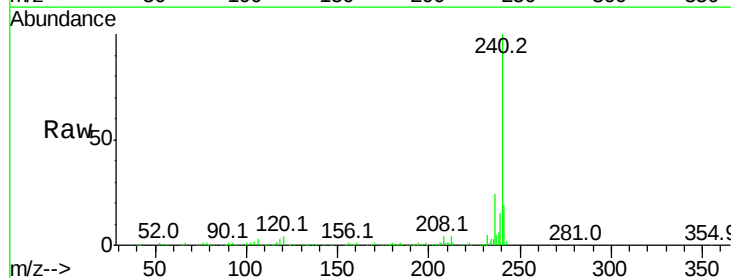


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

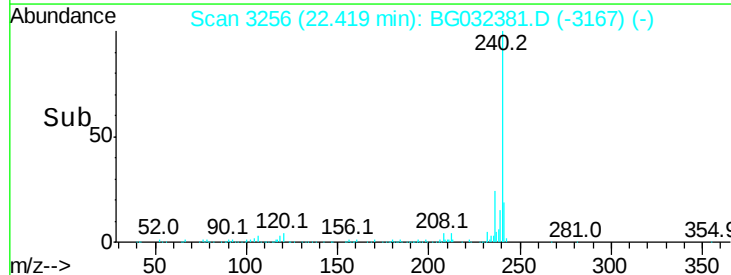
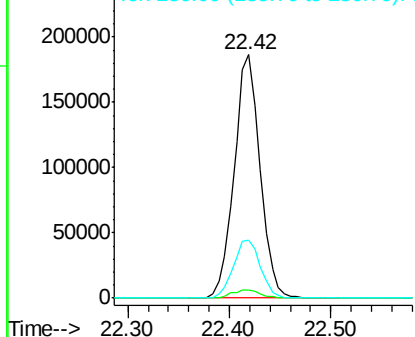


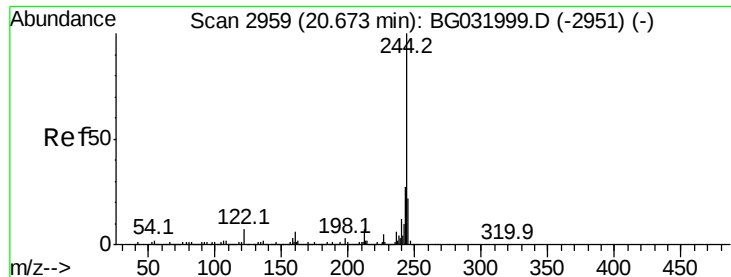
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032381.D
Acq: 28 Jan 2018 7:29

Tgt Ion:240 Resp: 330033
Ion Ratio Lower Upper
240 100
120 3.5 6.8 10.2#
236 23.9 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: 100.661 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032381.D

Acq: 28 Jan 2018 7:29

Instrument :

BNA_G

ClientSampleId :

RO-2342

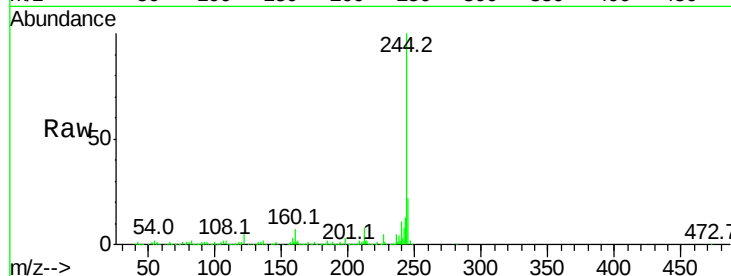
Tot Ion:244 Resp: 1504567

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

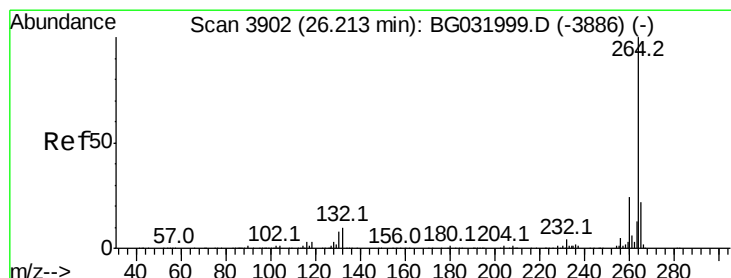
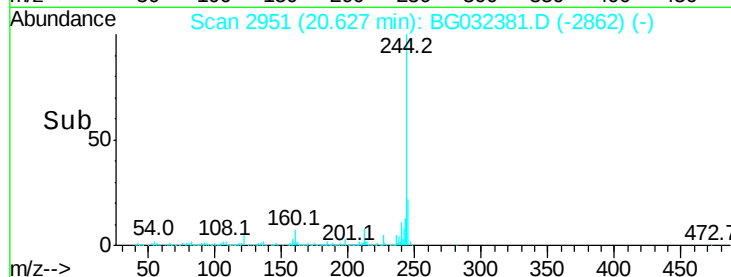
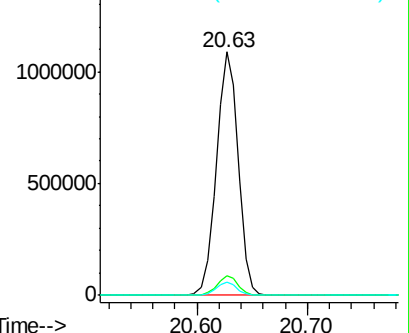
122 5.5 7.0 10.4#



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: 26.10 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BG032381.D

Acq: 28 Jan 2018 7:29

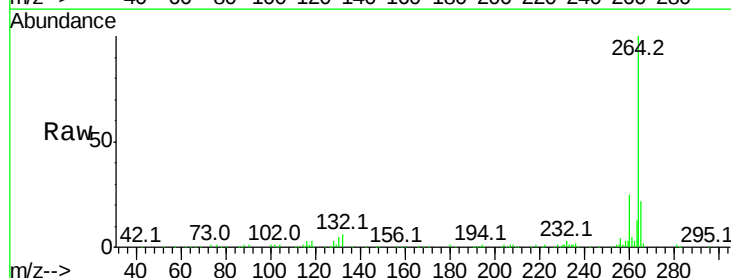
Tgt Ion:264 Resp: 332610

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 21.5 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

