

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032380.D
 Acq On : 28 Jan 2018 6:52
 Operator : SJ/JU
 Sample : J1325-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-2334

Quant Time: Jan 29 02:47:43 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	30766	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	113475	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	74315	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	205244	20.00	ng	0.00
75) Chrysene-d12	22.42	240	316208	20.00	ng	0.00
86) Perylene-d12	26.10	264	327643	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	186311	110.76	ng	0.00
7) Phenol-d6	7.83	99	192909	91.05	ng	0.00
23) Nitrobenzene-d5	9.92	82	167693	99.98	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	198538	161.45	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	583779	97.40	ng	0.00
78) Terphenyl-d14	20.63	244	1369032	95.60	ng	0.00

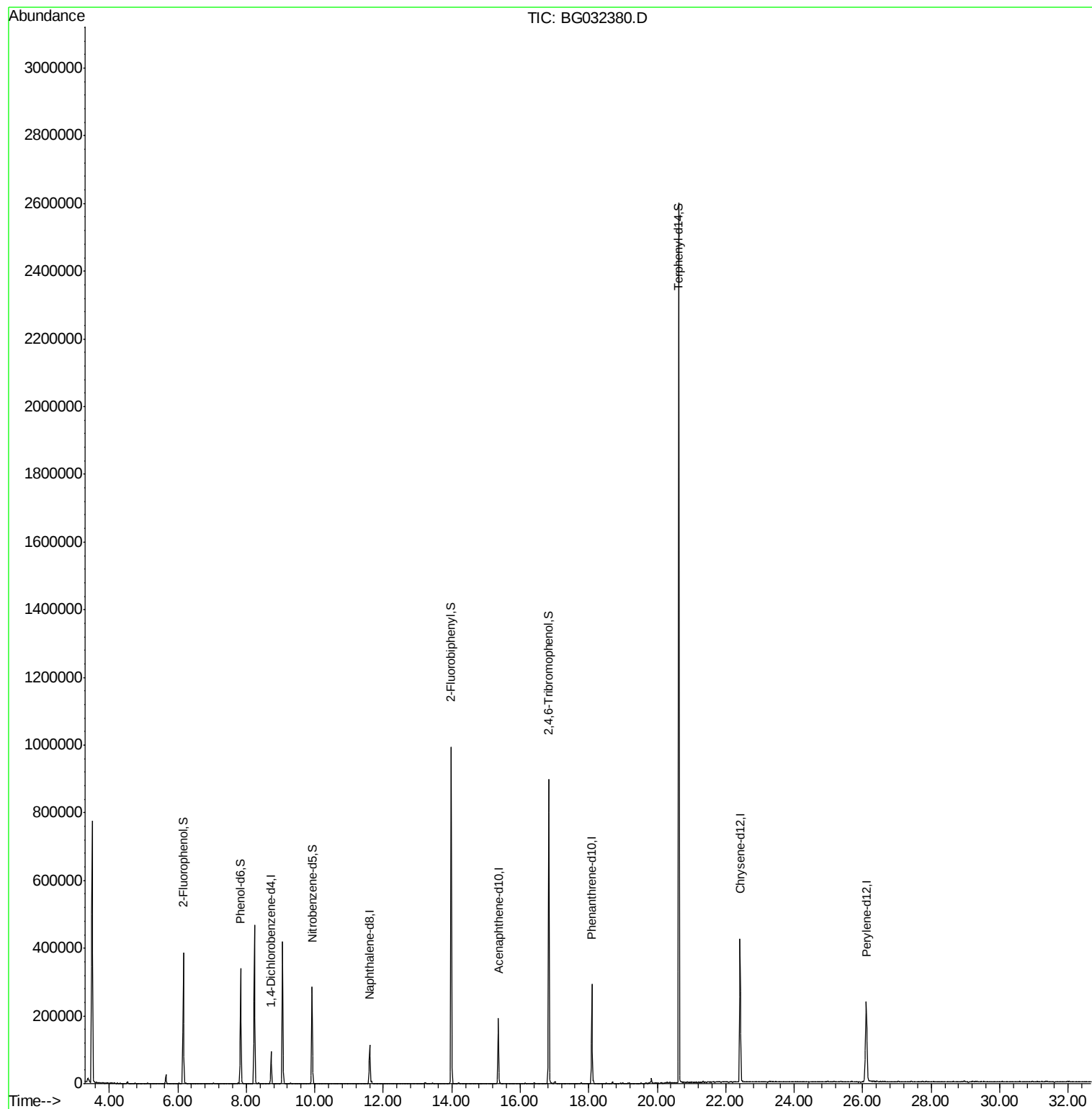
Target Compounds Qvalue

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

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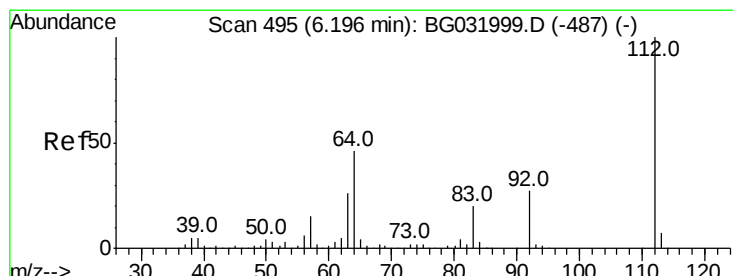
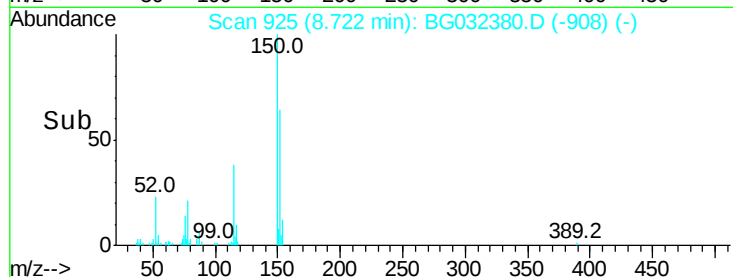
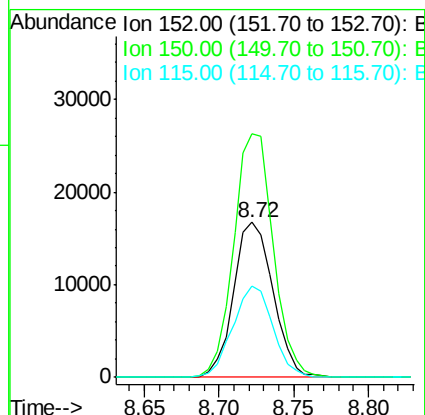
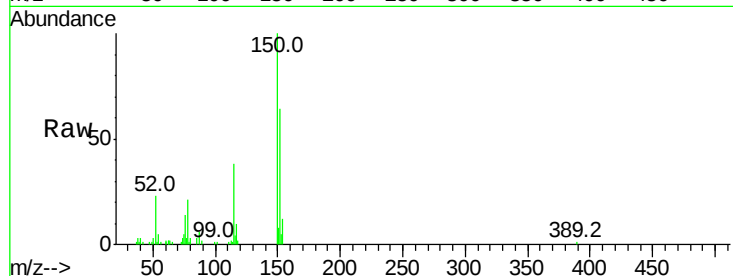


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032380.D
Acq: 28 Jan 2018 6:52

Instrument :
BNA_G
ClientSampleId :
RO-2334

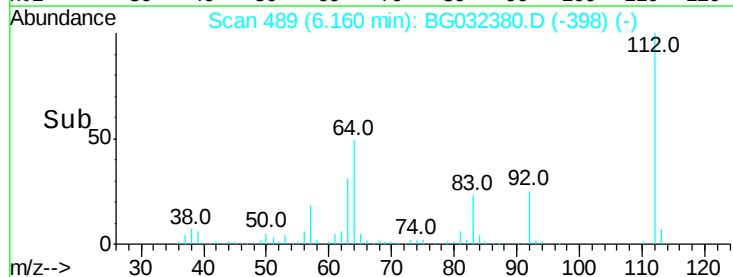
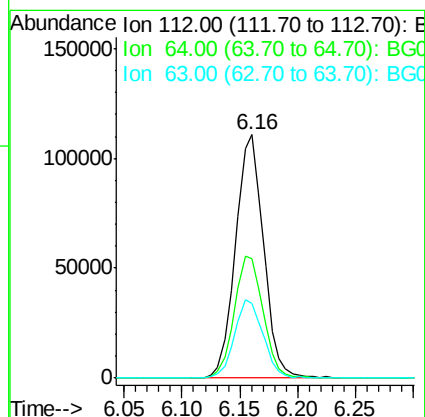
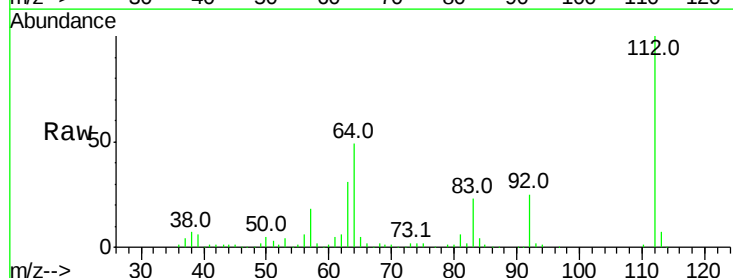
Tot Ion:152 Resp: 30766
Ion Ratio Lower Upper
152 100
150 157.2 126.6 189.8
115 59.0 53.0 79.4

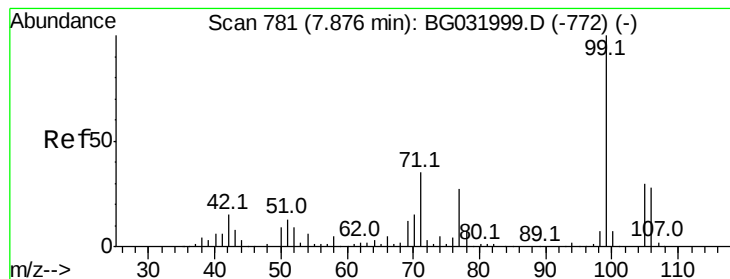


#5

2-Fluorophenol
Concen: 110.755 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.00 min
Lab File: BG032380.D
Acq: 28 Jan 2018 6:52

Tgt Ion:112 Resp: 186311
Ion Ratio Lower Upper
112 100
64 49.3 56.3 84.5#
63 30.8 30.1 45.1





#7

Phenol-d6

Concen: 91.055 ng

RT: 7.83 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032380.D

Acq: 28 Jan 2018 6:52

Instrument :

BNA_G

ClientSampled :

RO-2334

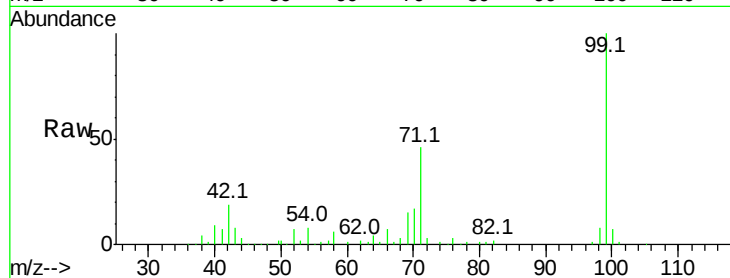
Tot Ion: 99 Resp: 192909

Ion Ratio Lower Upper

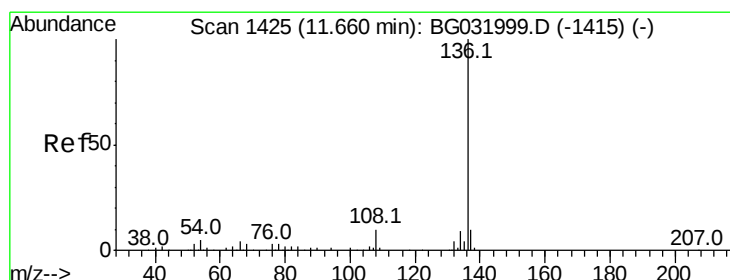
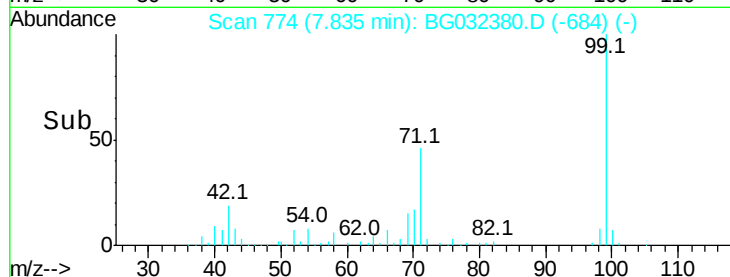
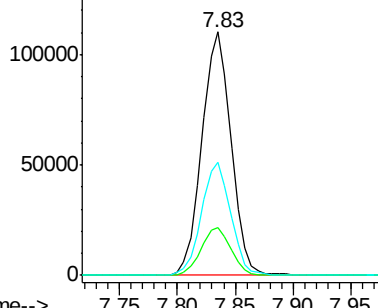
99 100

42 19.4 14.1 21.1

71 46.2 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: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032380.D

Acq: 28 Jan 2018 6:52

Tgt Ion: 136 Resp: 113475

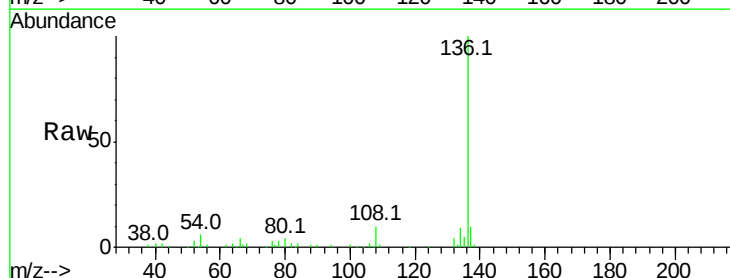
Ion Ratio Lower Upper

136 100

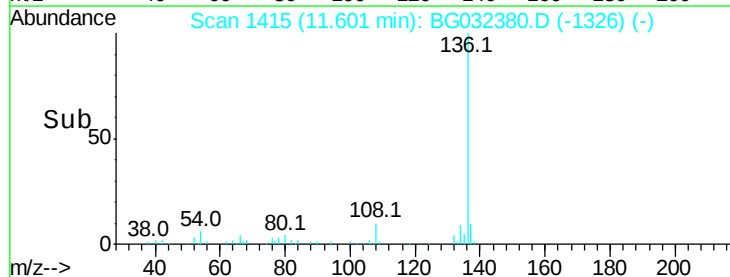
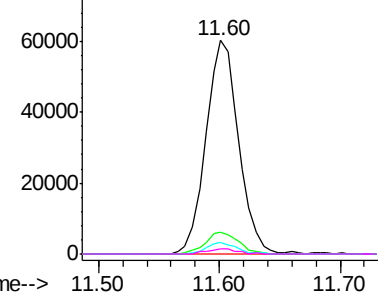
137 10.5 9.2 13.8

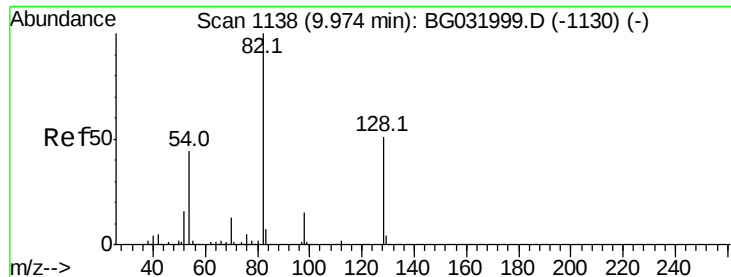
54 5.7 10.3 15.5#

68 2.4 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

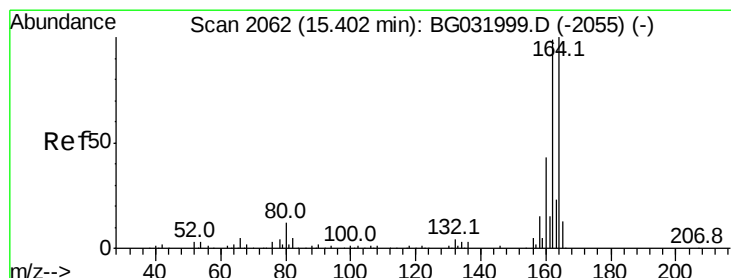
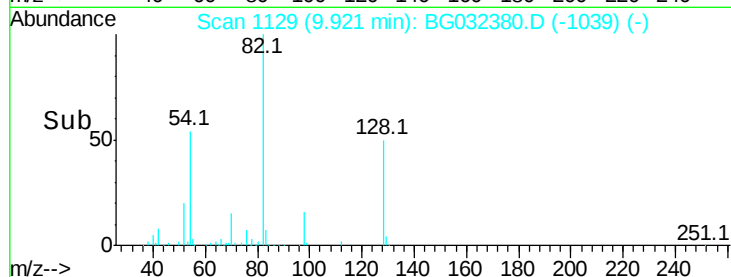
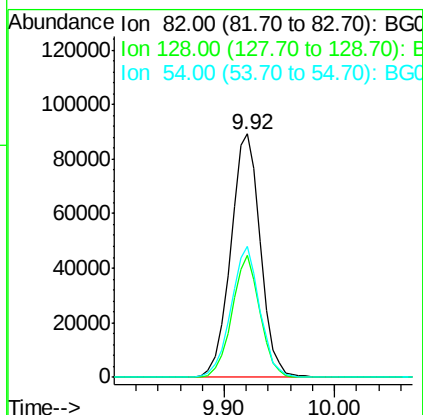
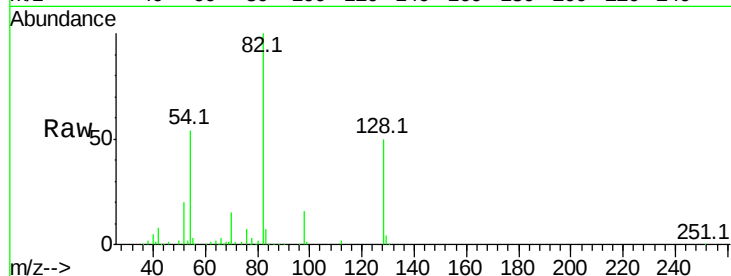




#23
Nitrobenzene-d5
Concen: 99.979 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032380.D
Acq: 28 Jan 2018 6:52

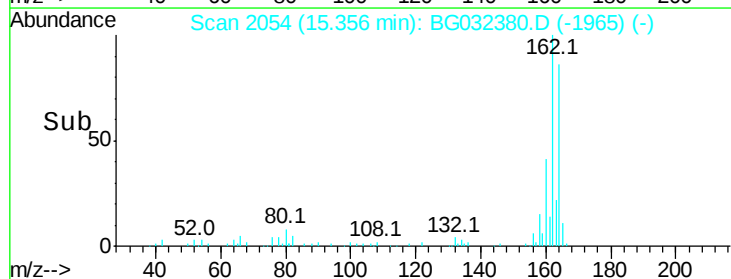
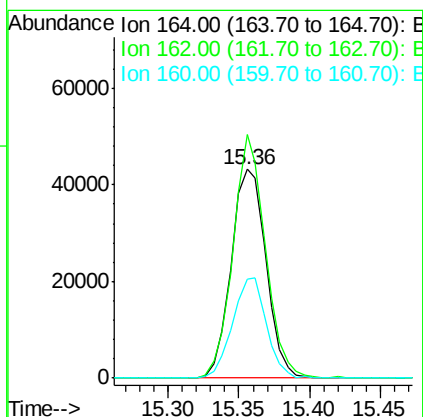
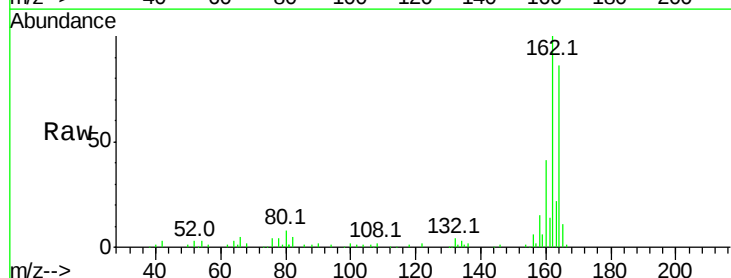
Instrument :
BNA_G
ClientSampled :
RO-2334

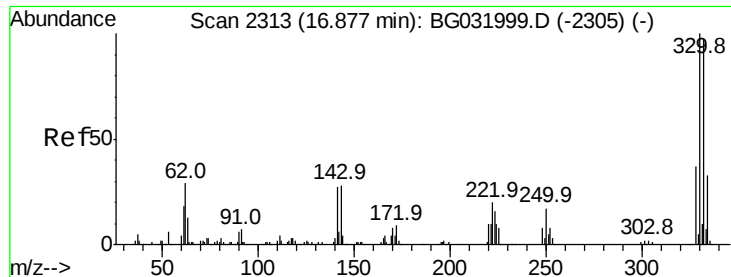
Tot Ion: 82 Resp: 167693
Ion Ratio Lower Upper
82 100
128 50.3 29.7 44.5#
54 54.1 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032380.D
Acq: 28 Jan 2018 6:52

Tgt Ion: 164 Resp: 74315
Ion Ratio Lower Upper
164 100
162 116.5 78.8 118.2
160 47.3 35.4 53.0

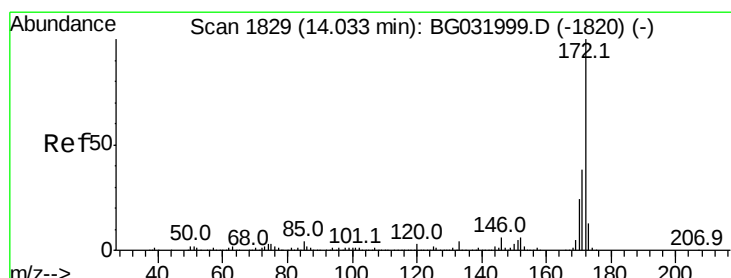
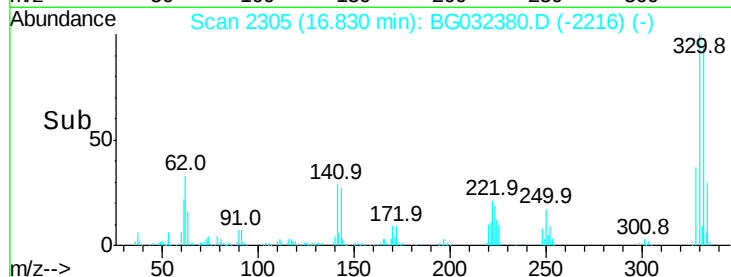
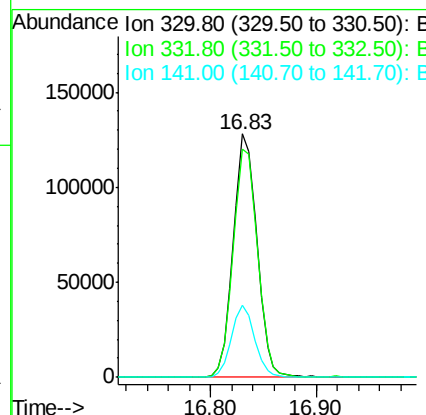
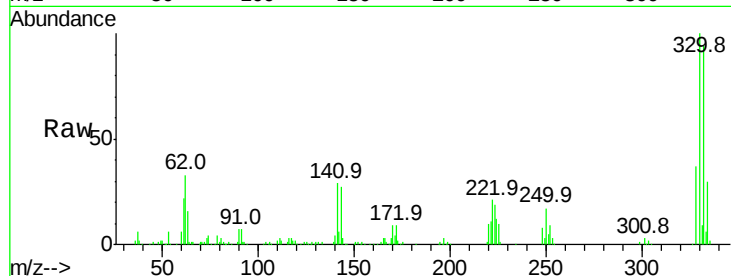




#41
 2,4,6-Tribromophenol
 Concen: 161.447 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG032380.D
 Acq: 28 Jan 2018 6:52

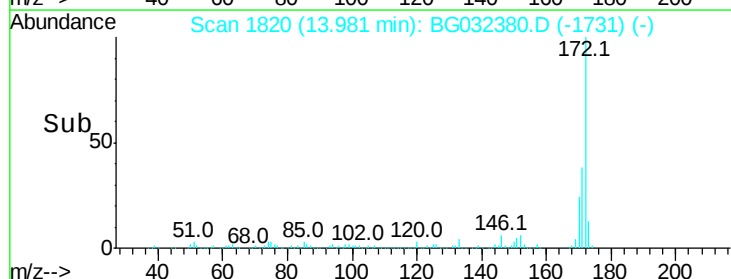
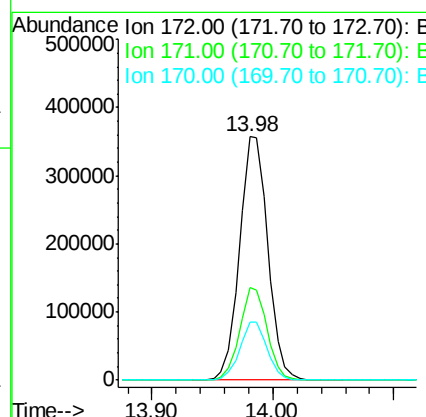
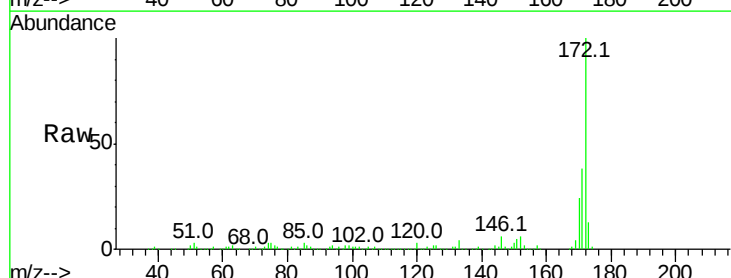
Instrument :
 BNA_G
 ClientSampleId :
 RO-2334

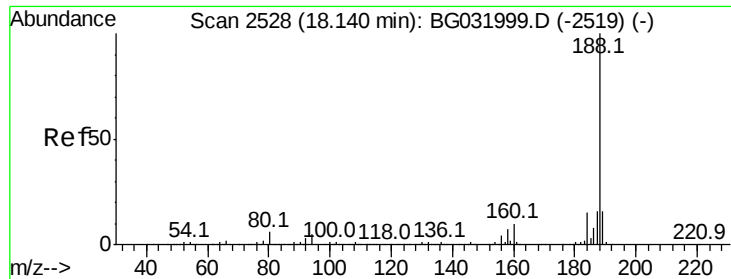
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	29.3	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 97.404 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032380.D
 Acq: 28 Jan 2018 6:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.6	19.5	29.3

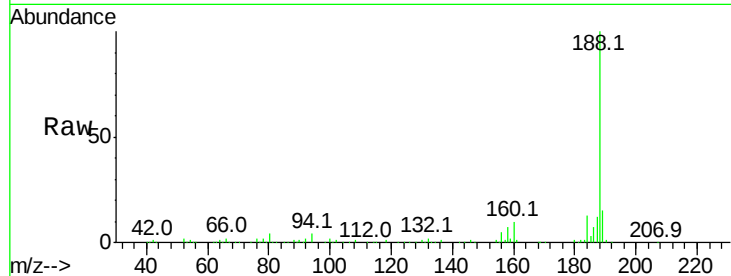




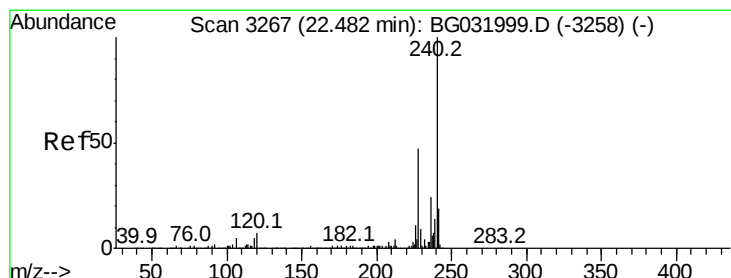
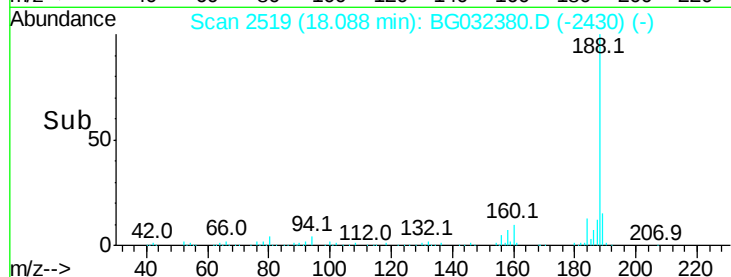
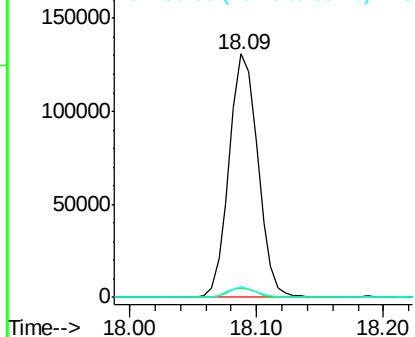
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032380.D
Acq: 28 Jan 2018 6:52

Instrument :
BNA_G
ClientSampleId :
RO-2334

Tot Ion:188 Resp: 205244
Ion Ratio Lower Upper
188 100
94 3.9 6.9 10.3#
80 4.3 7.7 11.5#

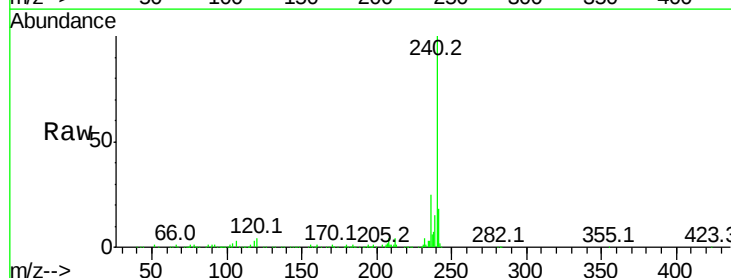


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

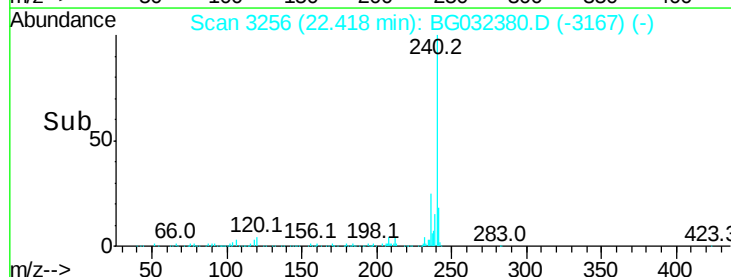
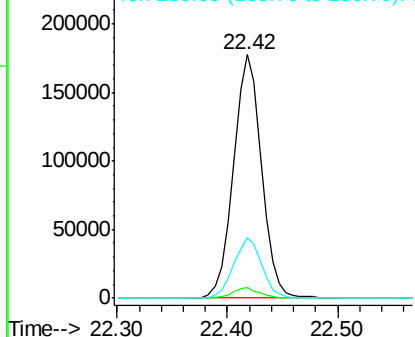


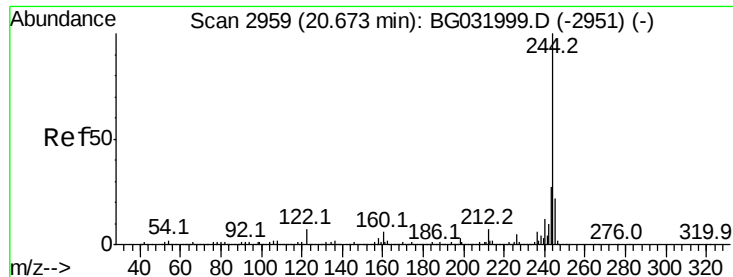
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032380.D
Acq: 28 Jan 2018 6:52

Tgt Ion:240 Resp: 316208
Ion Ratio Lower Upper
240 100
120 4.2 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: 95.598 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032380.D

Acq: 28 Jan 2018 6:52

Instrument :

BNA_G

ClientSampleId :

RO-2334

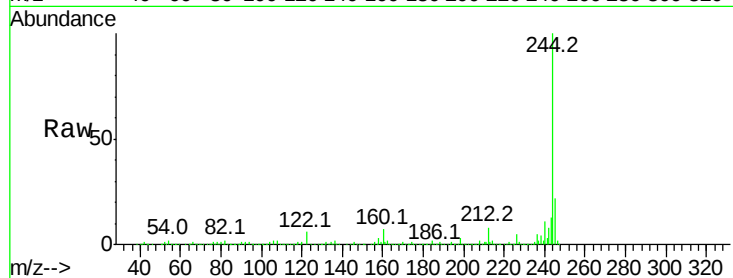
Tot Ion:244 Resp: 1369032

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

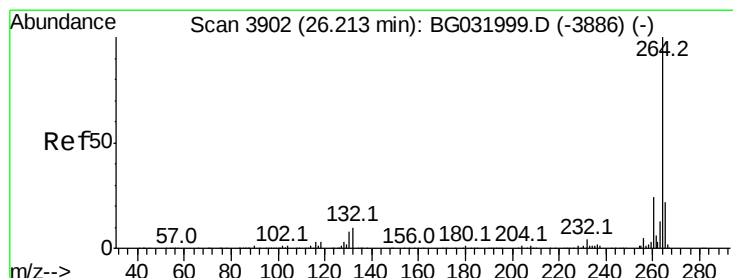
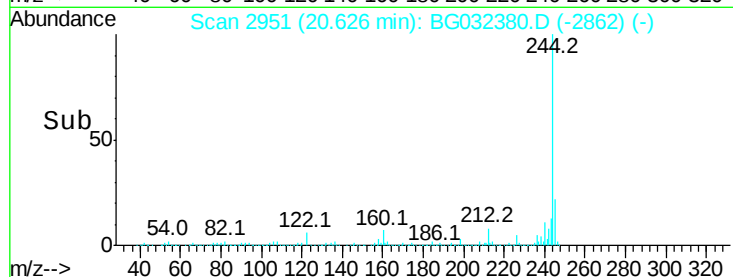
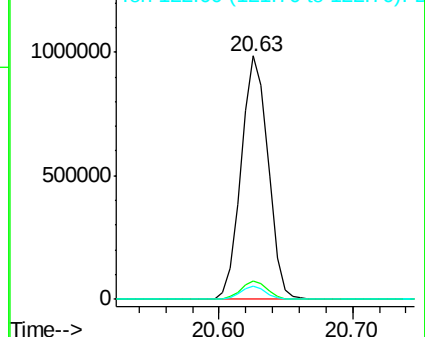
122 5.5 7.0 10.4#



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# 3883

Delta R.T. -0.01 min

Lab File: BG032380.D

Acq: 28 Jan 2018 6:52

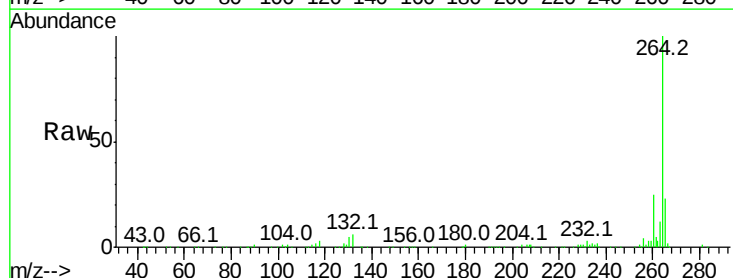
Tgt Ion:264 Resp: 327643

Ion Ratio Lower Upper

264 100

260 25.2 17.4 26.0

265 23.0 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

