

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032367.D
 Acq On : 27 Jan 2018 22:44
 Operator : SJ/JU
 Sample : J1326-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO200030

Quant Time: Jan 28 00:27:28 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	8.74	152	41449	20.00	ng	0.02
21) Naphthalene-d8	11.62	136	147796	20.00	ng	0.01
38) Acenaphthene-d10	15.37	164	98830	20.00	ng	0.00
63) Phenanthrene-d10	18.10	188	250554	20.00	ng	0.00
75) Chrysene-d12	22.43	240	339577	20.00	ng	0.00
86) Perylene-d12	26.13	264	362141	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	275306	121.48	ng	0.03
7) Phenol-d6	7.86	99	306988	107.55	ng	0.02
23) Nitrobenzene-d5	9.94	82	232410	106.39	ng	0.02
41) 2,4,6-Tribromophenol	16.84	330	255881	156.46	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	782585	98.19	ng	0.01
78) Terphenyl-d14	20.64	244	1458293	94.82	ng	0.00

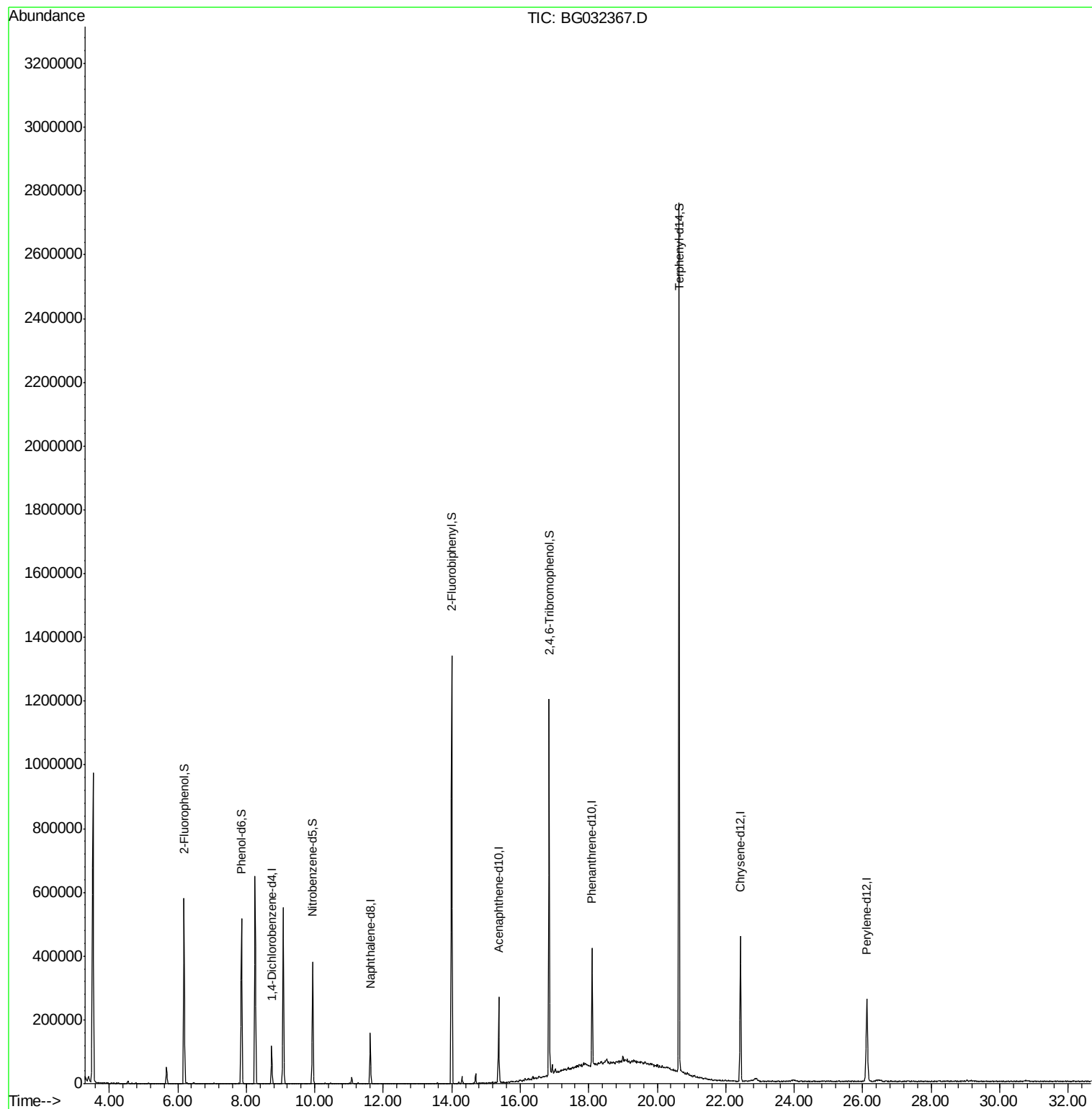
Target Compounds Qvalue

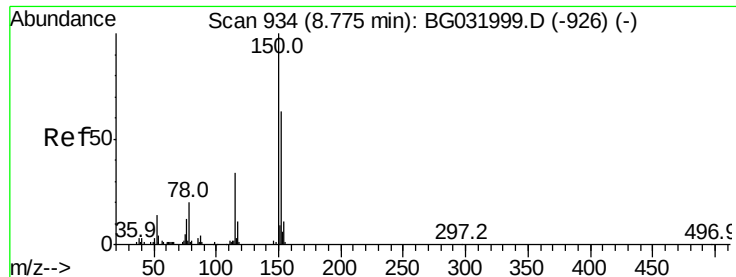
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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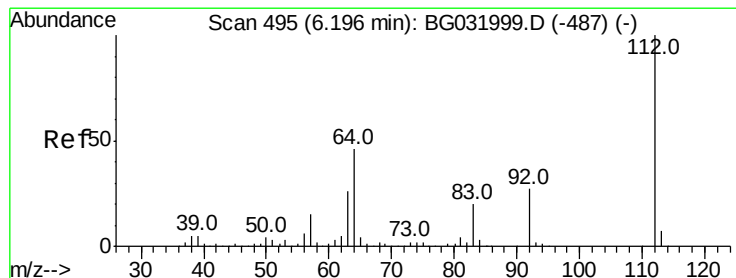
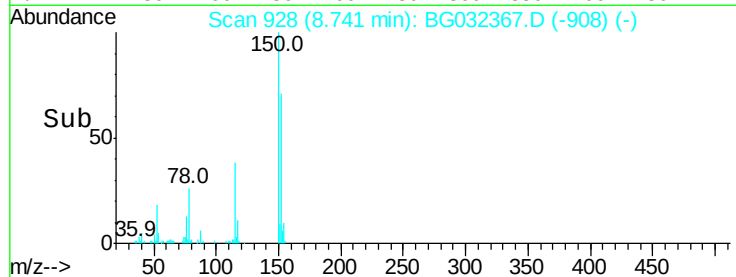
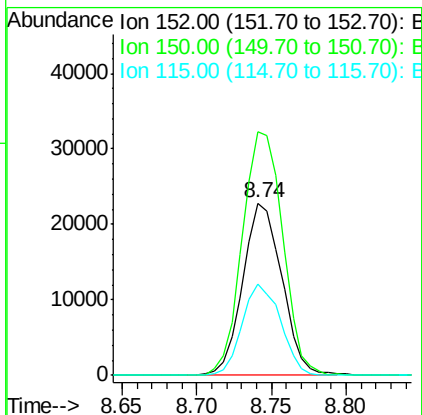
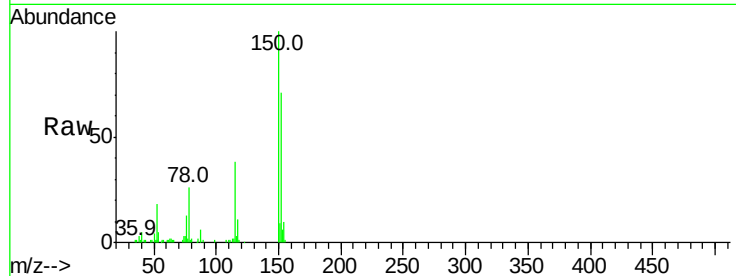


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. 0.02 min
Lab File: BG032367.D
Acq: 27 Jan 2018 22:44

Instrument :
BNA_G
ClientSampleId :
RO200030

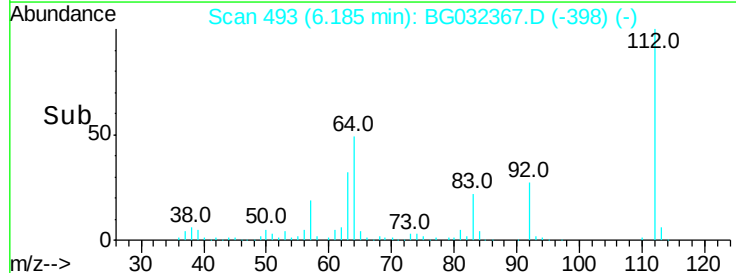
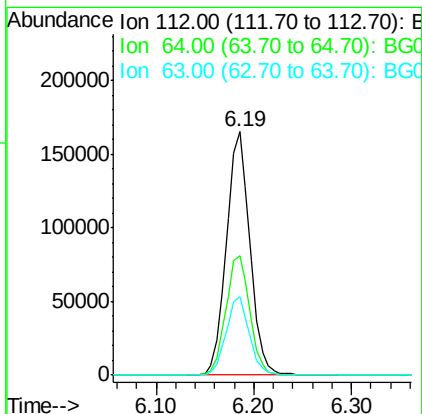
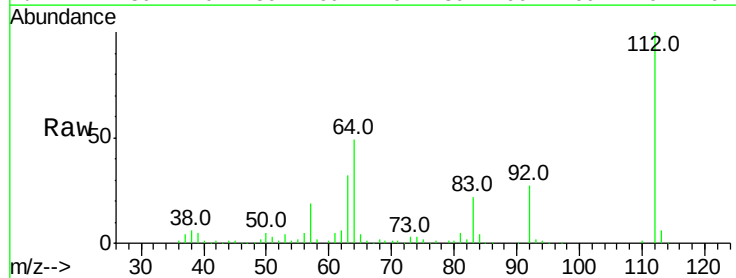
Tot Ion:152 Resp: 41449
Ion Ratio Lower Upper
152 100
150 141.6 126.6 189.8
115 53.4 53.0 79.4

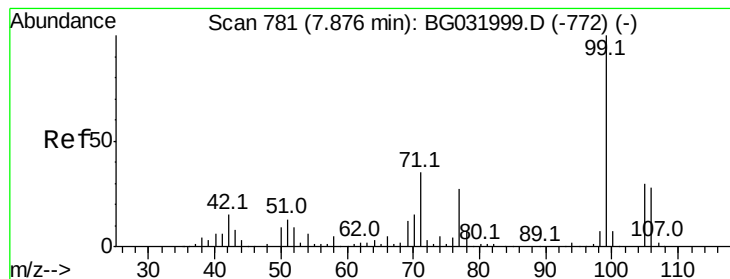


#5

2-Fluorophenol
Concen: 121.479 ng
RT: 6.19 min Scan# 493
Delta R.T. 0.03 min
Lab File: BG032367.D
Acq: 27 Jan 2018 22:44

Tgt Ion:112 Resp: 275306
Ion Ratio Lower Upper
112 100
64 49.2 56.3 84.5#
63 32.3 30.1 45.1





#7

Phenol-d6

Concen: 107.554 ng

RT: 7.86 min Scan# 778

Delta R.T. 0.02 min

Lab File: BG032367.D

Acq: 27 Jan 2018 22:44

Instrument :

BNA_G

ClientSampleId :

RO200030

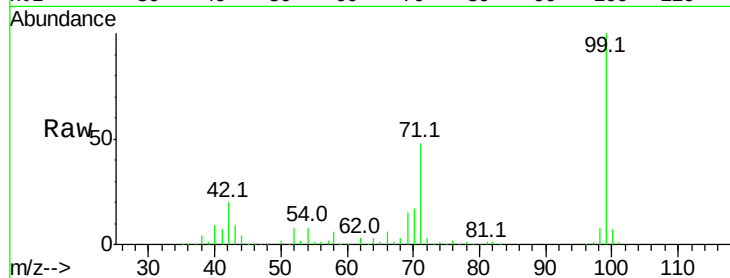
Tot Ion: 99 Resp: 306988

Ion Ratio Lower Upper

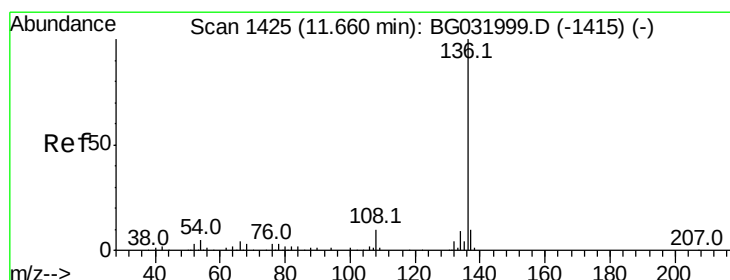
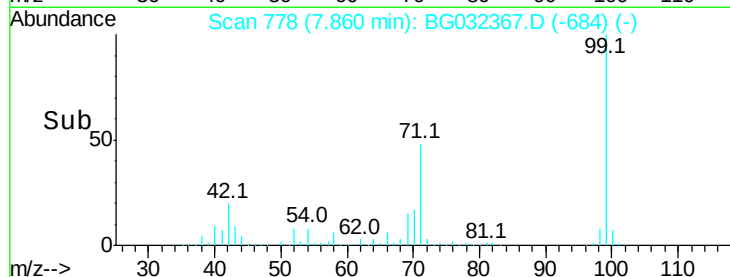
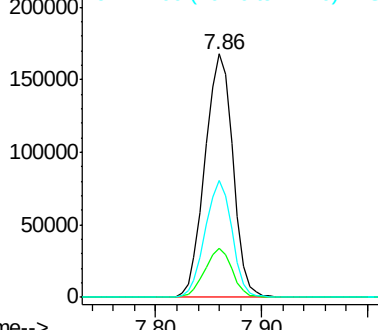
99 100

42 20.0 14.1 21.1

71 47.8 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: 11.62 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BG032367.D

Acq: 27 Jan 2018 22:44

Tgt Ion: 136 Resp: 147796

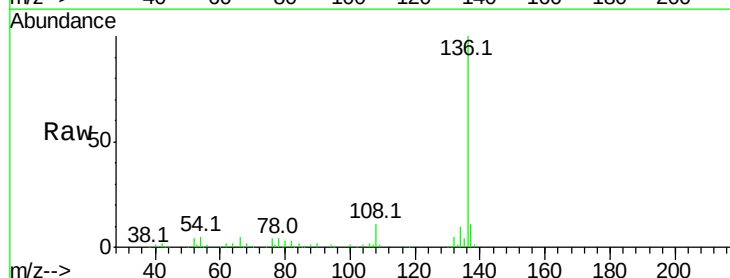
Ion Ratio Lower Upper

136 100

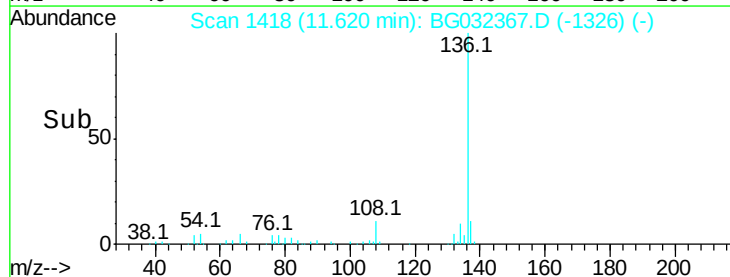
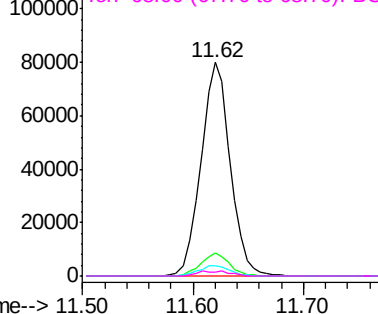
137 11.1 9.2 13.8

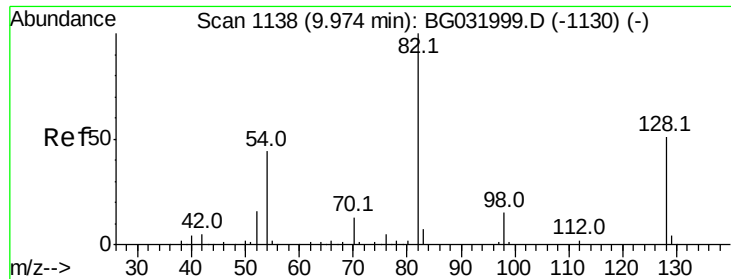
54 5.1 10.3 15.5#

68 1.9 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

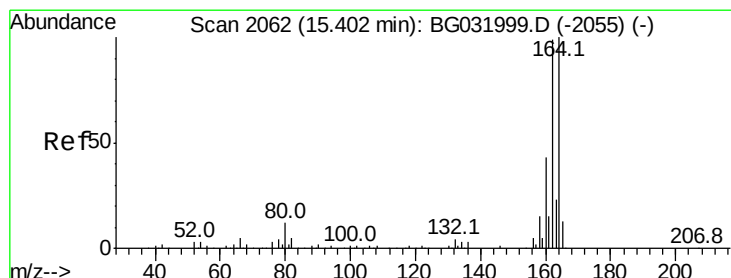
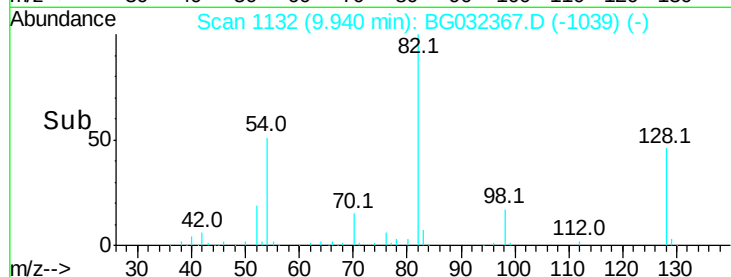
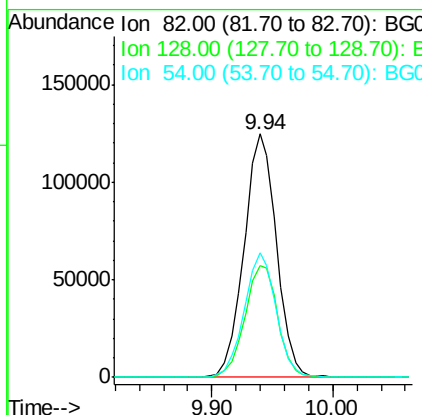
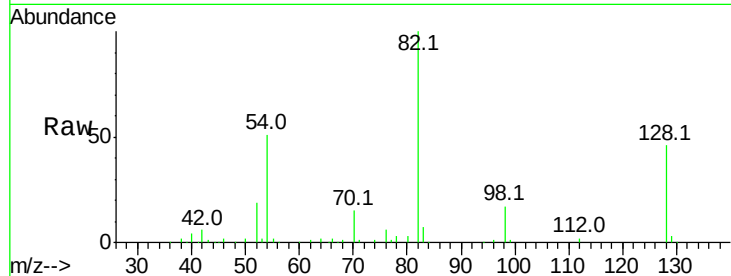




#23
 Nitrobenzene-d5
 Concen: 106.387 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. 0.02 min
 Lab File: BG032367.D
 Acq: 27 Jan 2018 22:44

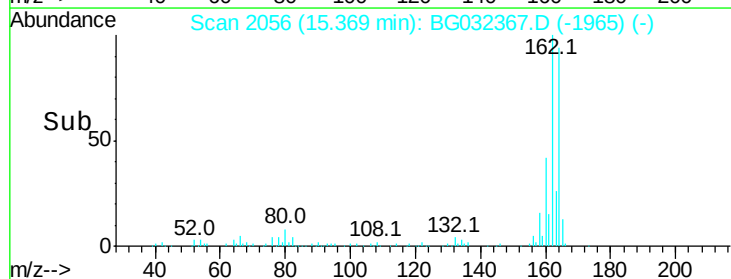
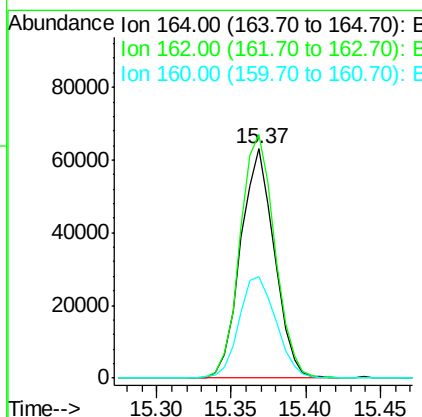
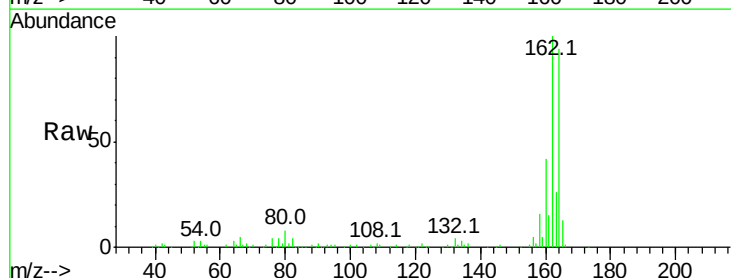
Instrument :
 BNA_G
 ClientSampleId :
 RO200030

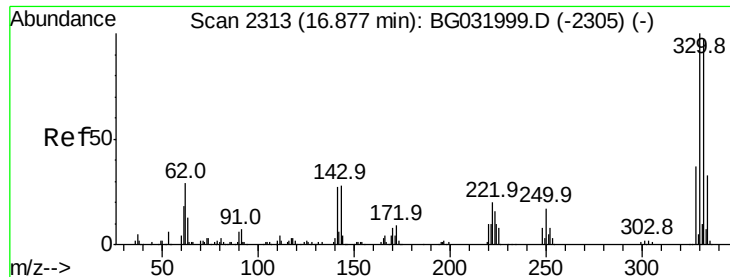
Tot Ion: 82 Resp: 232410
 Ion Ratio Lower Upper
 82 100
 128 46.1 29.7 44.5#
 54 51.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2056
 Delta R.T. 0.01 min
 Lab File: BG032367.D
 Acq: 27 Jan 2018 22:44

Tgt Ion:164 Resp: 98830
 Ion Ratio Lower Upper
 164 100
 162 106.3 78.8 118.2
 160 44.3 35.4 53.0

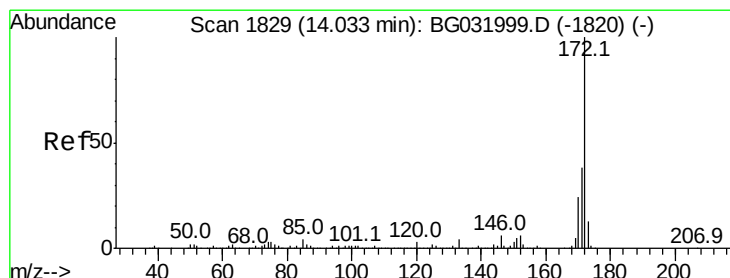
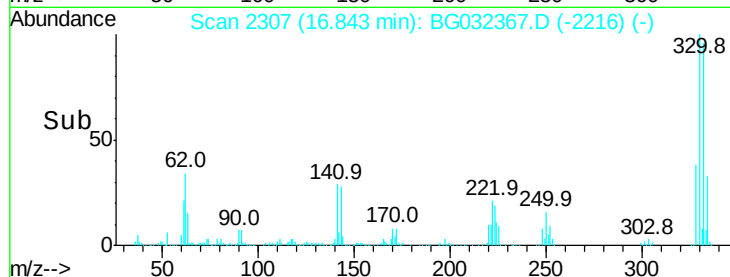
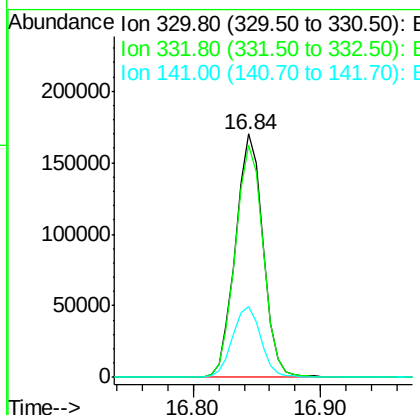
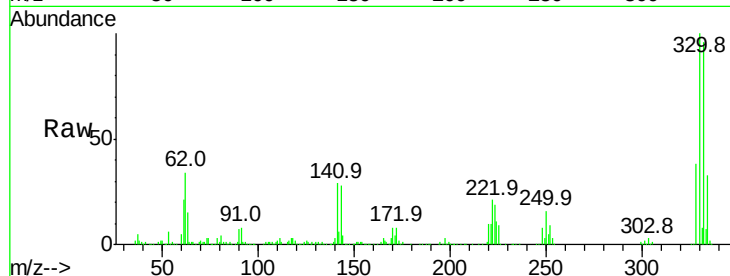




#41
 2,4,6-Tribromophenol
 Concen: 156.463 ng
 RT: 16.84 min Scan# 2307
 Delta R.T. 0.01 min
 Lab File: BG032367.D
 Acq: 27 Jan 2018 22:44

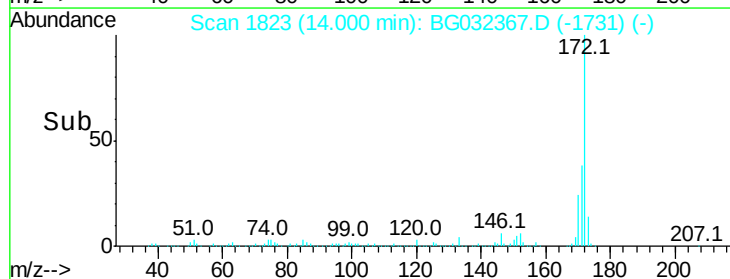
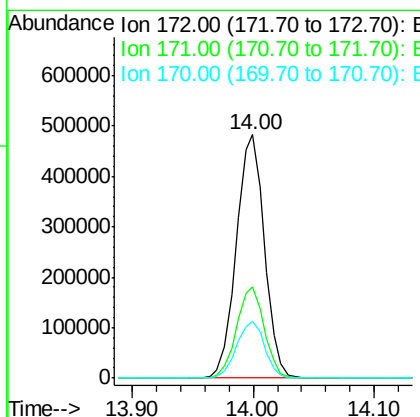
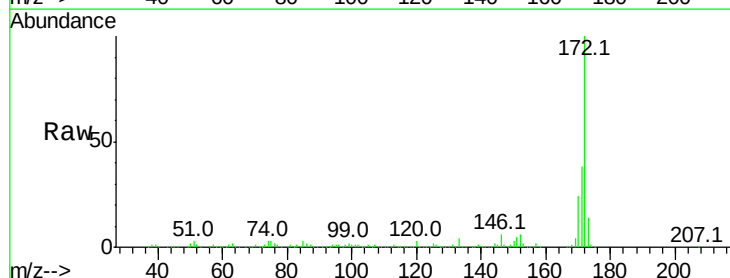
Instrument :
 BNA_G
 ClientSampleId :
 RO200030

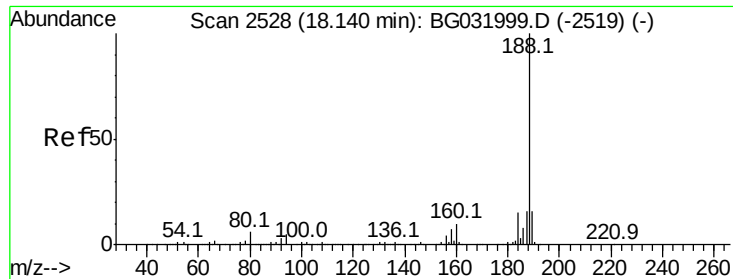
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.5	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 98.185 ng
 RT: 14.00 min Scan# 1823
 Delta R.T. 0.01 min
 Lab File: BG032367.D
 Acq: 27 Jan 2018 22:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.5	19.5	29.3

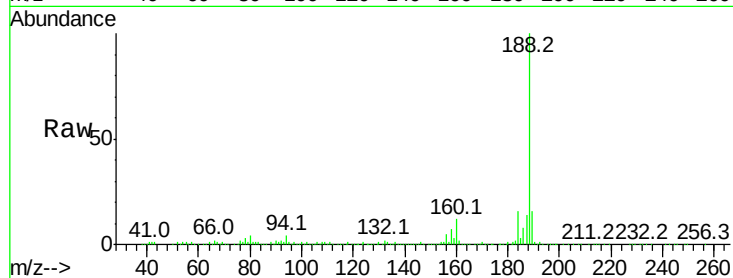




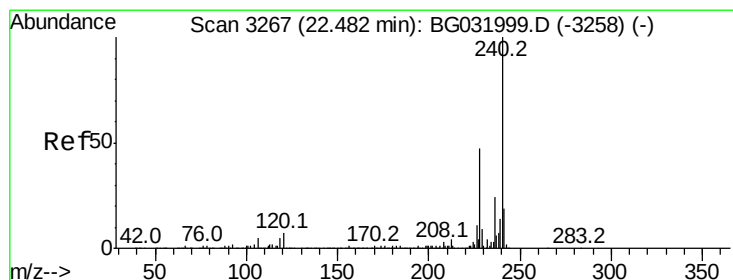
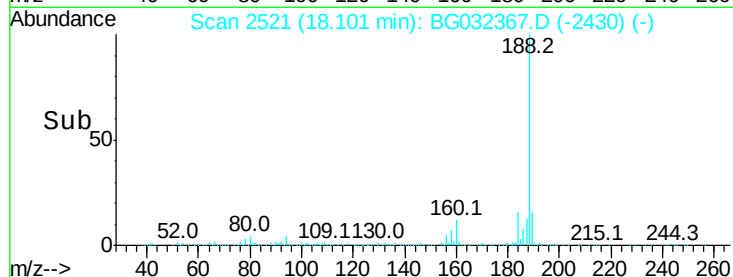
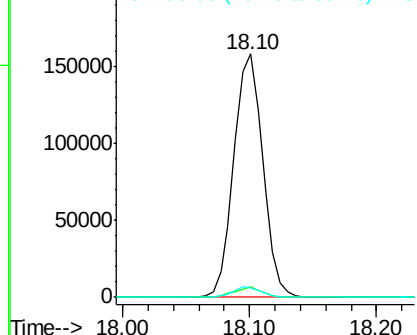
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.10 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BG032367.D
Acq: 27 Jan 2018 22:44

Instrument :
BNA_G
ClientSampleId :
RO200030

Tot Ion:188 Resp: 250554
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 3.9 7.7 11.5#

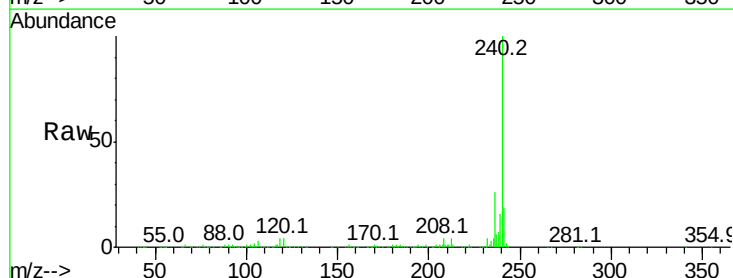


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

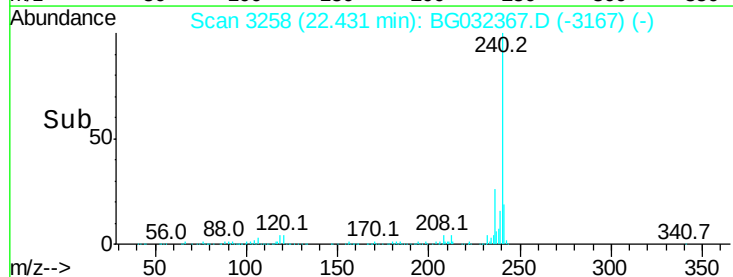
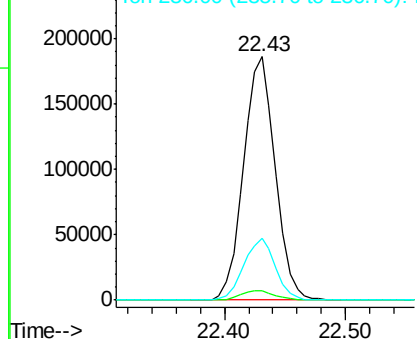


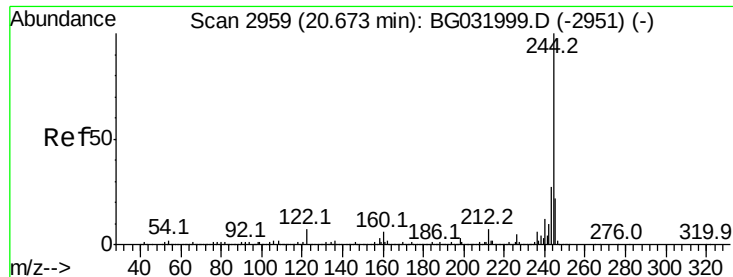
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.43 min Scan# 3258
Delta R.T. 0.01 min
Lab File: BG032367.D
Acq: 27 Jan 2018 22:44

Tgt Ion:240 Resp: 339577
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 25.6 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: 94.823 ng

RT: 20.64 min Scan# 2953

Delta R.T. 0.01 min

Lab File: BG032367.D

Acq: 27 Jan 2018 22:44

Instrument :

BNA_G

ClientSampleId :

RO200030

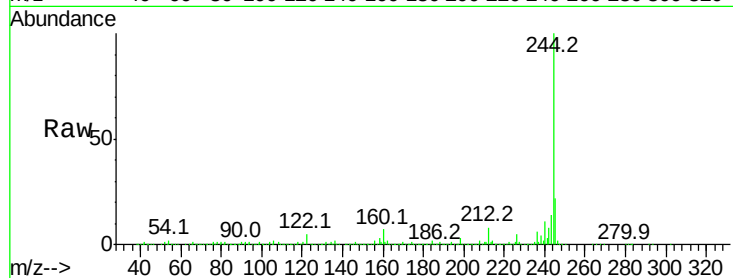
Tot Ion:244 Resp: 1458293

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

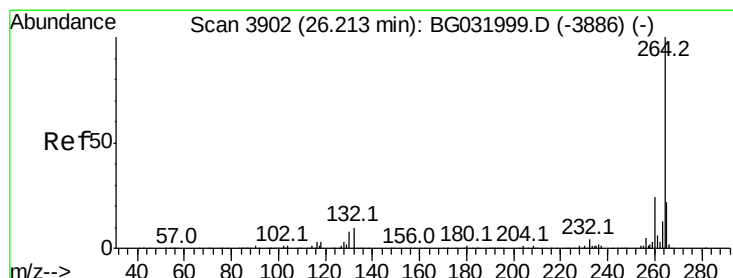
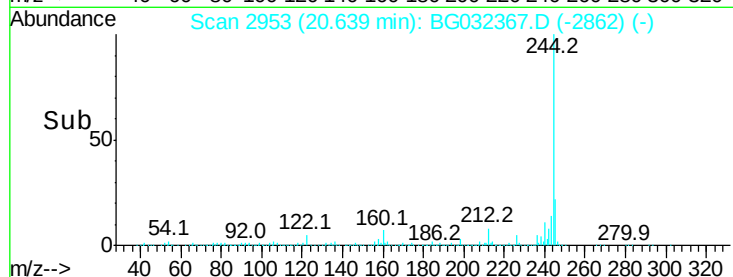
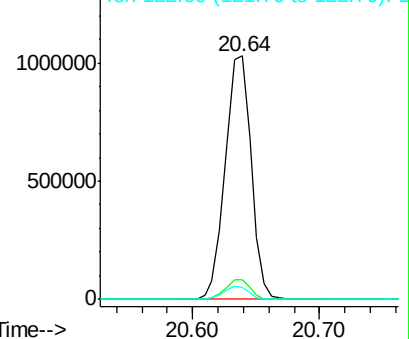
122 5.1 7.0 10.4#



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: 26.13 min Scan# 3887

Delta R.T. 0.02 min

Lab File: BG032367.D

Acq: 27 Jan 2018 22:44

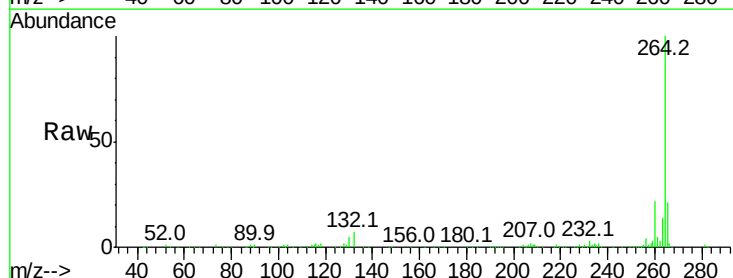
Tgt Ion:264 Resp: 362141

Ion Ratio Lower Upper

264 100

260 21.9 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

