

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
 Data File : BG031299.D
 Acq On : 30 Nov 2017 22:15
 Operator : SJ/JU
 Sample : I6634-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112717-TIDO-E-U-B

Quant Time: Dec 01 03:18:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	69373	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	294463	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	197444	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	520103	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	573246	20.00	ng	-0.02
86) Perylene-d12	25.06	264	547302	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	171713	42.44	ng	-0.02
7) Phenol-d6	7.30	99	135952	24.94	ng	0.00
23) Nitrobenzene-d5	9.30	82	449423	90.44	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	249498	78.11	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1324059	96.36	ng	-0.03
78) Terphenyl-d14	20.08	244	2135073	82.24	ng	-0.02

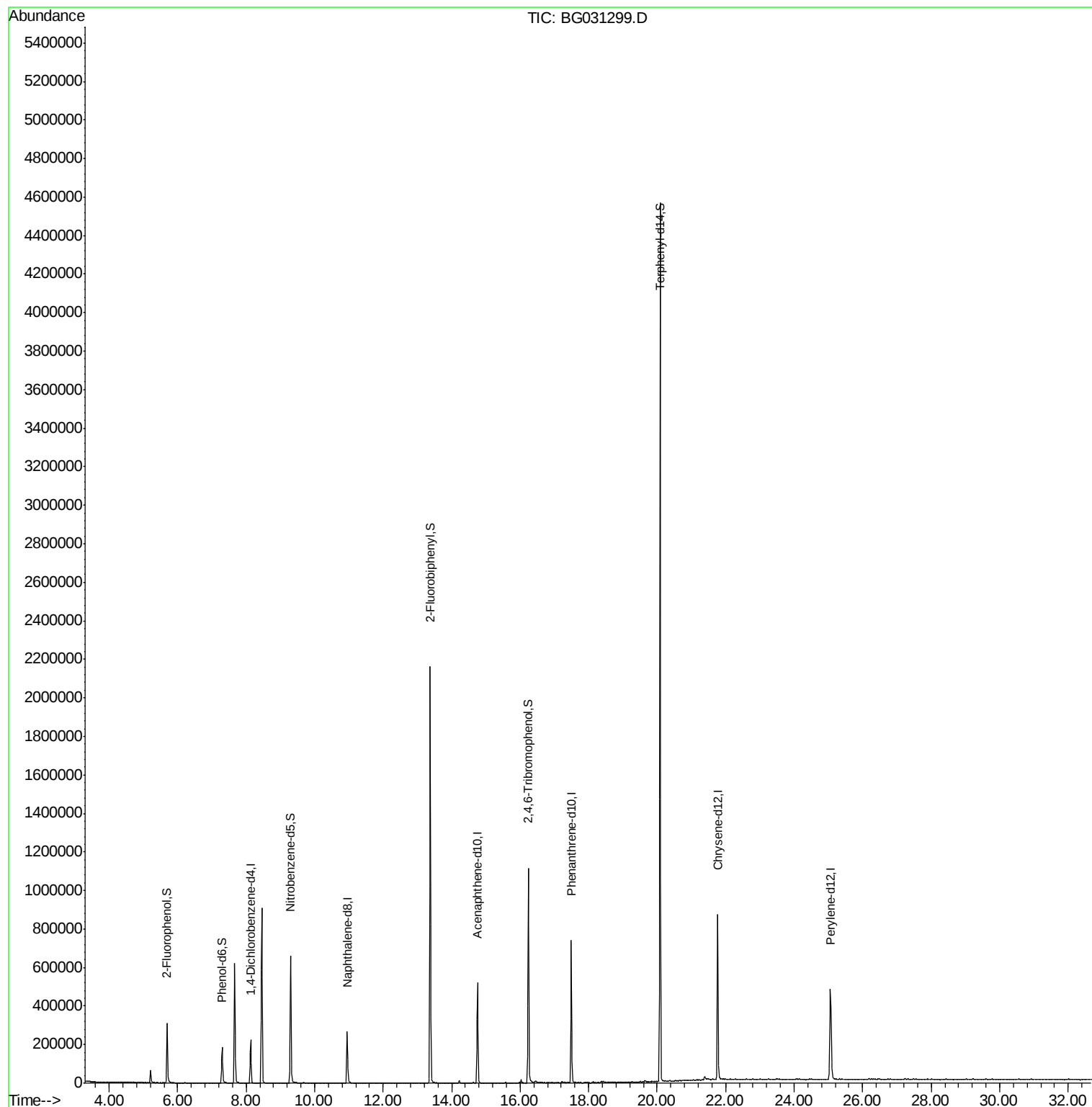
Target Compounds Qvalue

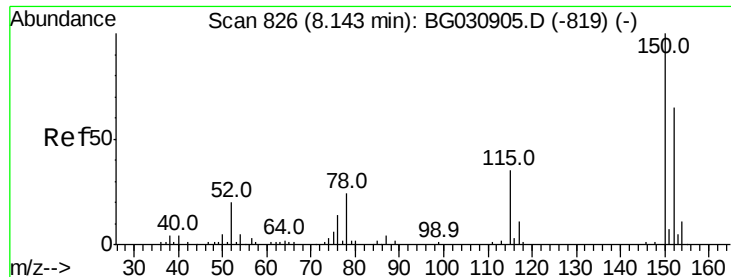
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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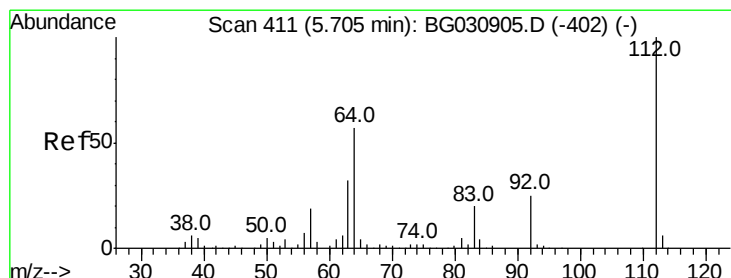
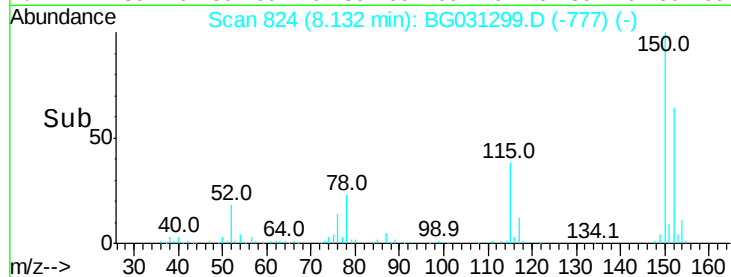
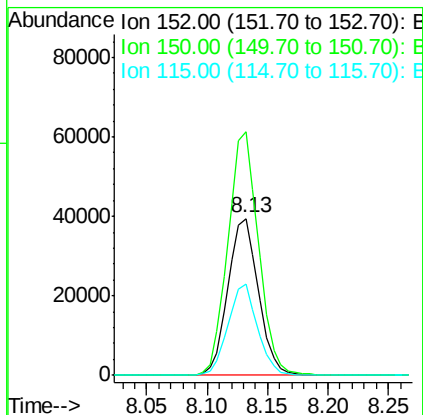
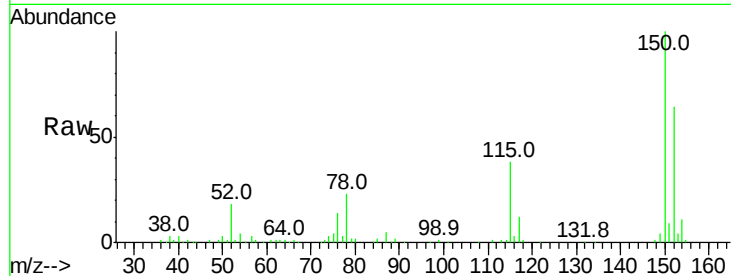


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031299.D
Acq: 30 Nov 2017 22:15

Instrument :
BNA_G
ClientSampleId :
112717-TIDO-E-U-B

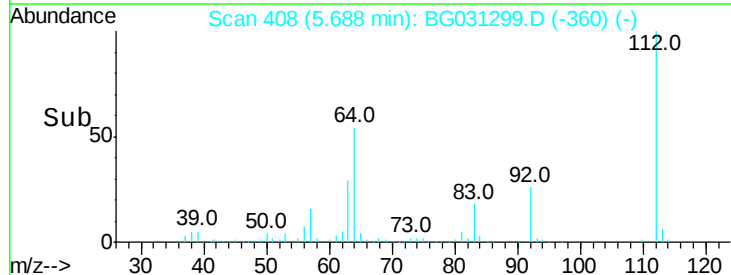
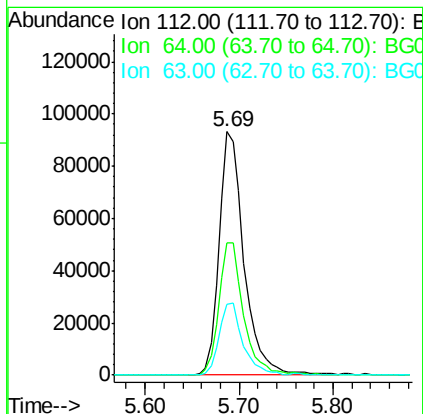
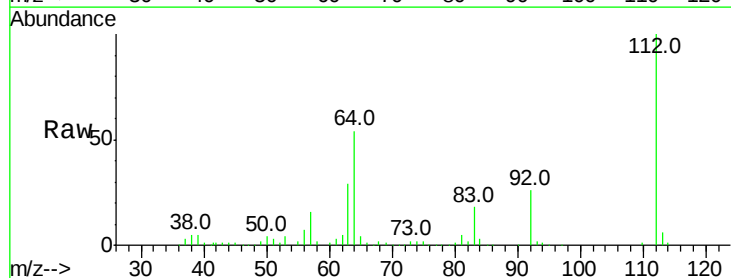
Tot Ion:152 Resp: 69373
Ion Ratio Lower Upper
152 100
150 155.2 126.6 189.8
115 58.3 53.0 79.4

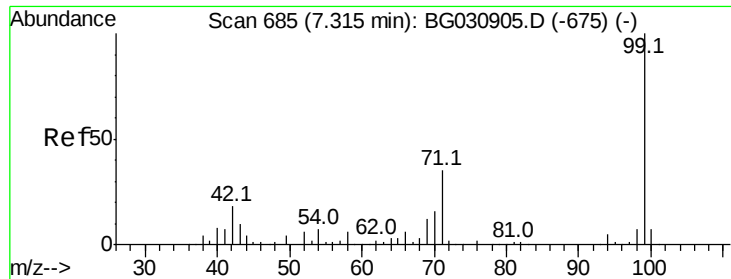


#5

2-Fluorophenol
Concen: 42.444 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031299.D
Acq: 30 Nov 2017 22:15

Tgt Ion:112 Resp: 171713
Ion Ratio Lower Upper
112 100
64 54.4 56.3 84.5#
63 29.1 30.1 45.1#





#7

Phenol-d6

Concen: 24.944 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031299.D

Acq: 30 Nov 2017 22:15

Instrument :

BNA_G

ClientSampleId :

112717-TIDO-E-U-B

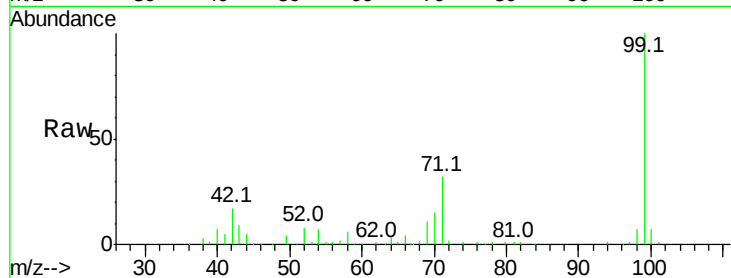
Tot Ion: 99 Resp: 135952

Ion Ratio Lower Upper

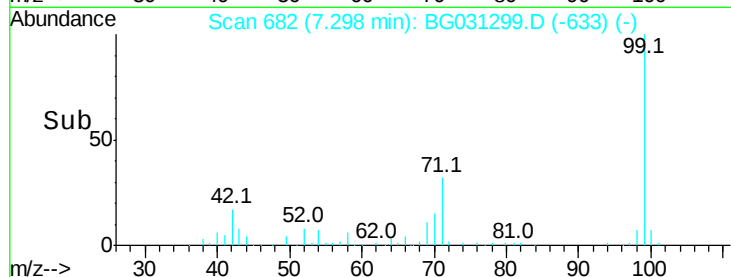
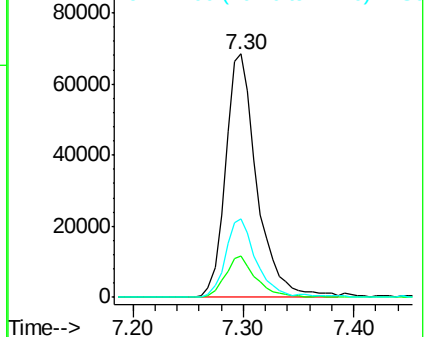
99 100

42 16.8 14.1 21.1

71 32.3 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: 10.95 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031299.D

Acq: 30 Nov 2017 22:15

Tgt Ion: 136 Resp: 294463

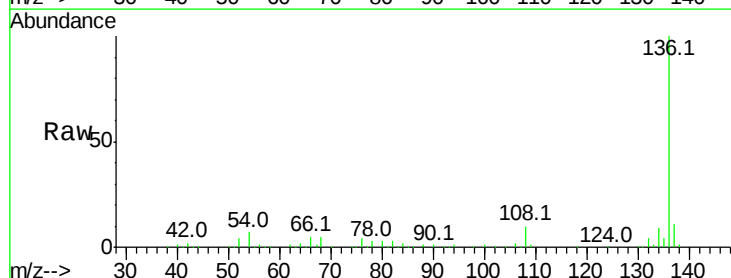
Ion Ratio Lower Upper

136 100

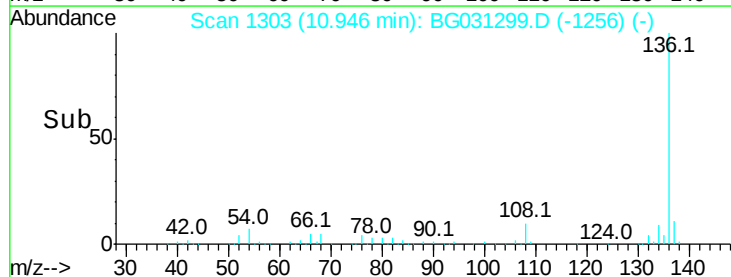
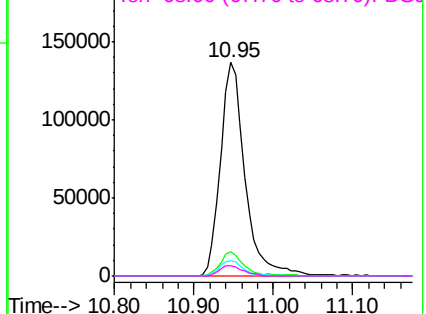
137 11.2 9.2 13.8

54 7.1 10.3 15.5#

68 4.8 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

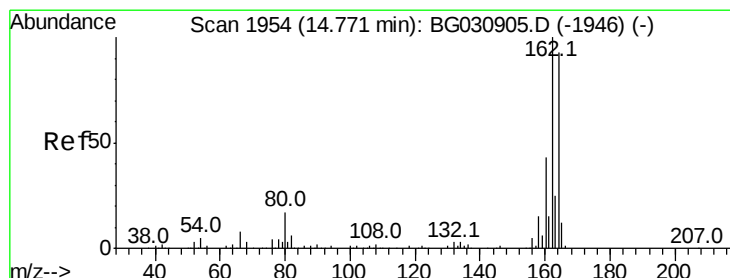
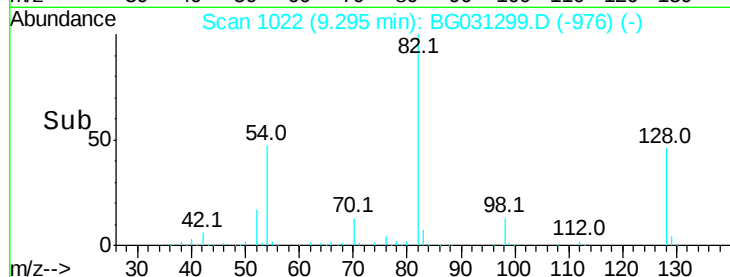
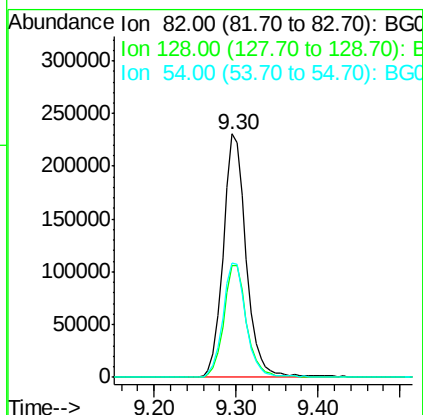
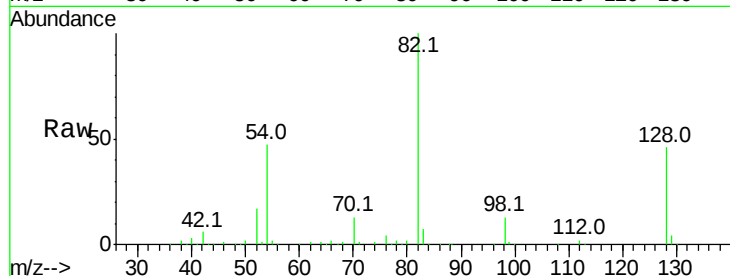




#23
Nitrobenzene-d5
Concen: 90.440 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031299.D
Acq: 30 Nov 2017 22:15

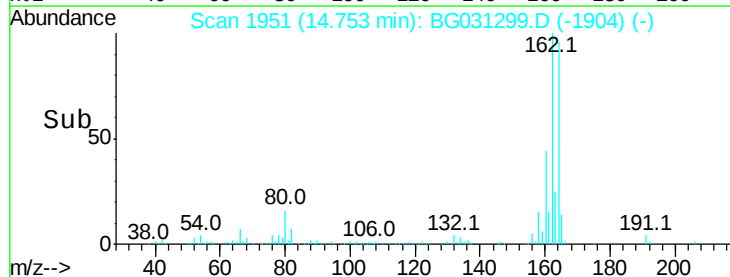
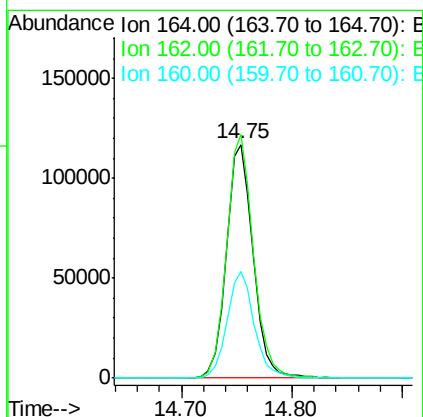
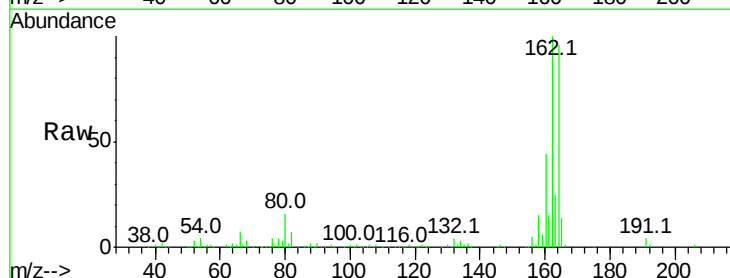
Instrument :
BNA_G
ClientSampleId :
112717-TIDO-E-U-B

Tot Ion: 82 Resp: 449423
Ion Ratio Lower Upper
82 100
128 45.9 29.7 44.5#
54 47.0 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031299.D
Acq: 30 Nov 2017 22:15

Tgt Ion:164 Resp: 197444
Ion Ratio Lower Upper
164 100
162 104.2 78.8 118.2
160 45.4 35.4 53.0

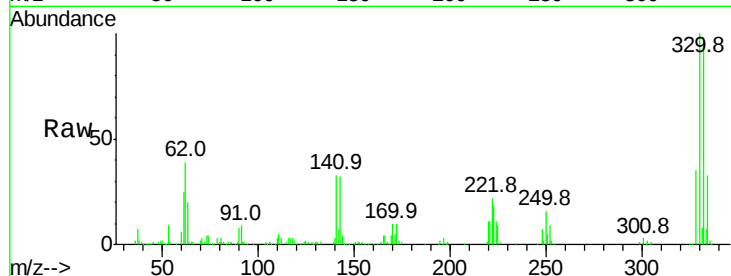




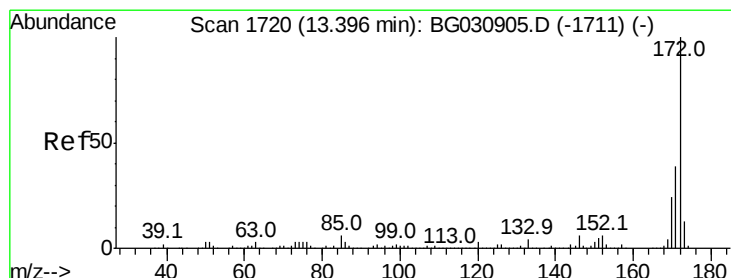
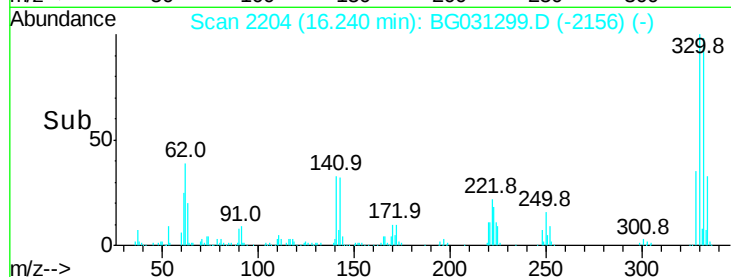
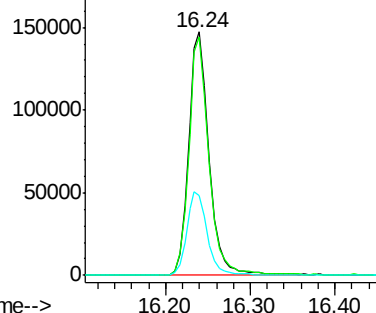
#41
 2,4,6-Tribromophenol
 Concen: 78.115 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031299.D
 Acq: 30 Nov 2017 22:15

Instrument :
 BNA_G
 ClientSampleId :
 112717-TIDO-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	34.8	25.2	37.8

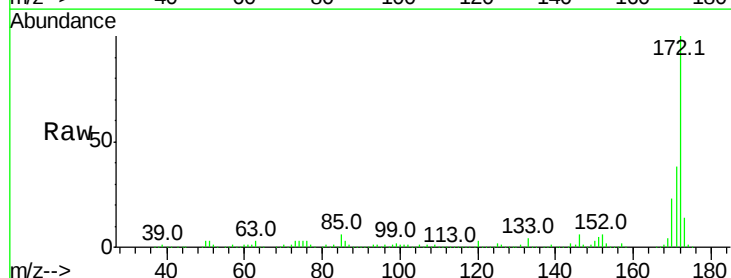


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

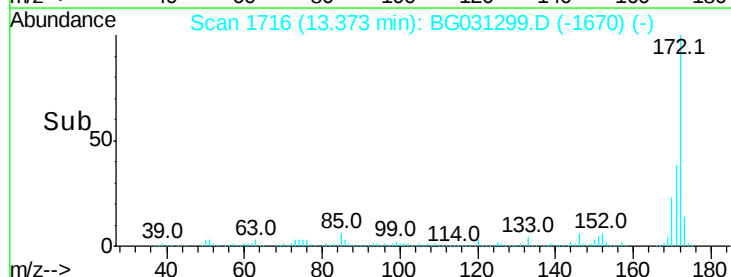
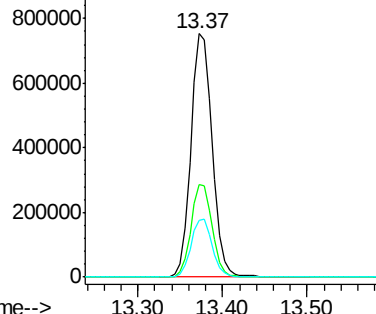


#44
 2-Fluorobiphenyl
 Concen: 96.358 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031299.D
 Acq: 30 Nov 2017 22:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	23.4	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: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG031299.D

Acq: 30 Nov 2017 22:15

Instrument :

BNA_G

ClientSampleId :

112717-TIDO-E-U-B

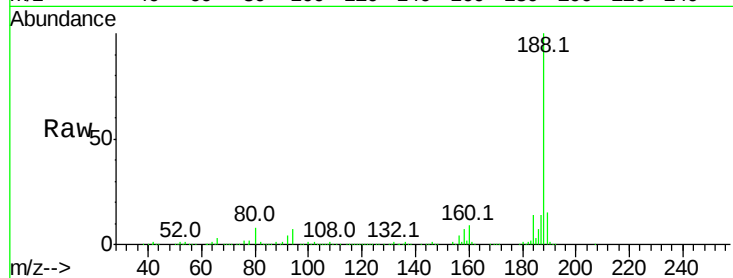
Tot Ion:188 Resp: 520103

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

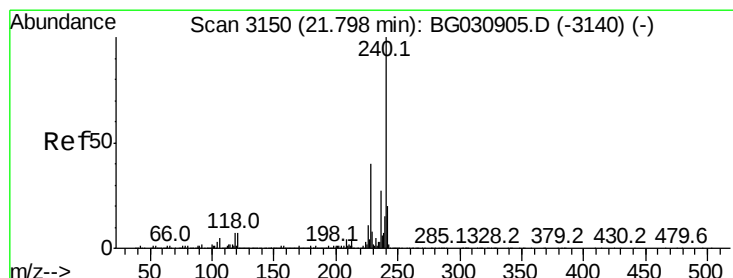
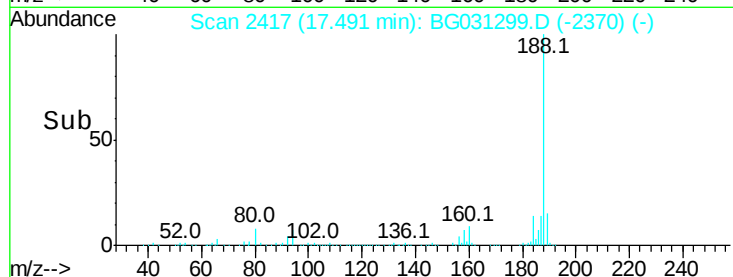
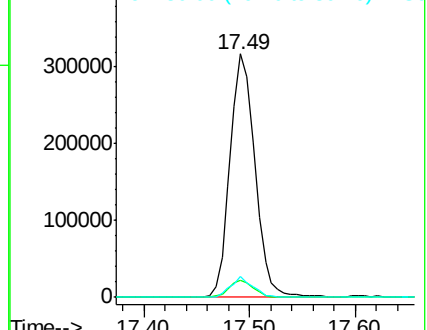
80 8.4 7.7 11.5



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: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031299.D

Acq: 30 Nov 2017 22:15

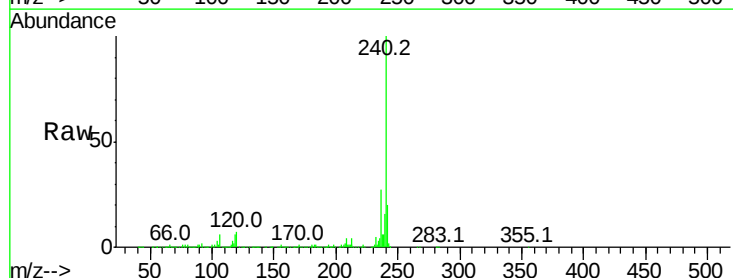
Tgt Ion:240 Resp: 573246

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

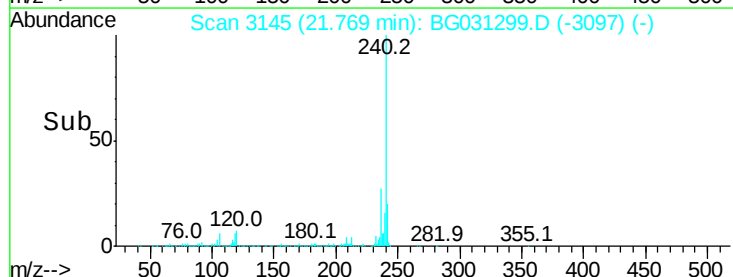
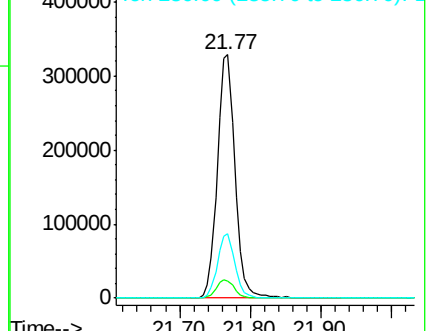
236 26.6 20.9 31.3



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: 82.241 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031299.D

Acq: 30 Nov 2017 22:15

Instrument :

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ClientSampleId :

112717-TIDO-E-U-B

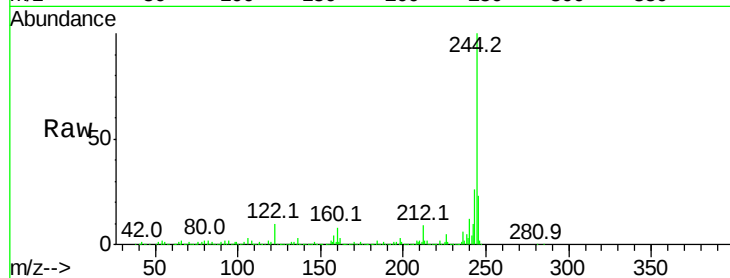
Tot Ion:244 Resp: 2135073

Ion Ratio Lower Upper

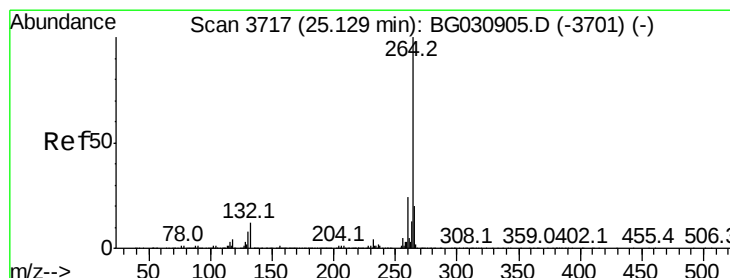
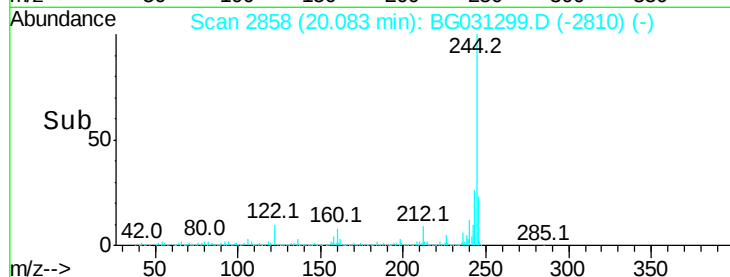
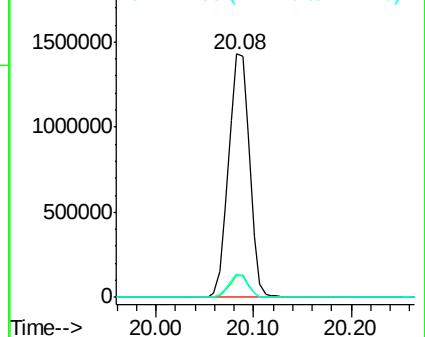
244 100

212 8.9 5.8 8.8#

122 9.5 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: 25.06 min Scan# 3705

Delta R.T. -0.03 min

Lab File: BG031299.D

Acq: 30 Nov 2017 22:15

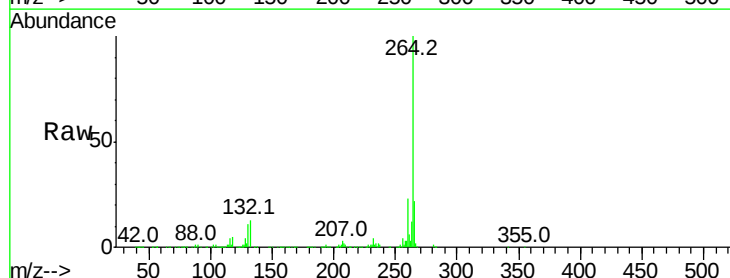
Tgt Ion:264 Resp: 547302

Ion Ratio Lower Upper

264 100

260 23.5 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

