

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031166.D
 Acq On : 21 Nov 2017 23:35
 Operator : SJ/JU
 Sample : I6505-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LW-D

Quant Time: Nov 22 03:30:52 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	8.14	152	62166	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	268132	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	176988	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	431132	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	511798	20.00	ng	-0.01
86) Perylene-d12	25.07	264	505053	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	248888	68.65	ng	0.00
7) Phenol-d6	7.30	99	200730	41.10	ng	0.00
23) Nitrobenzene-d5	9.30	82	424025	93.71	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	339154	118.46	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1151467	93.48	ng	-0.02
78) Terphenyl-d14	20.09	244	1977924	85.34	ng	0.00

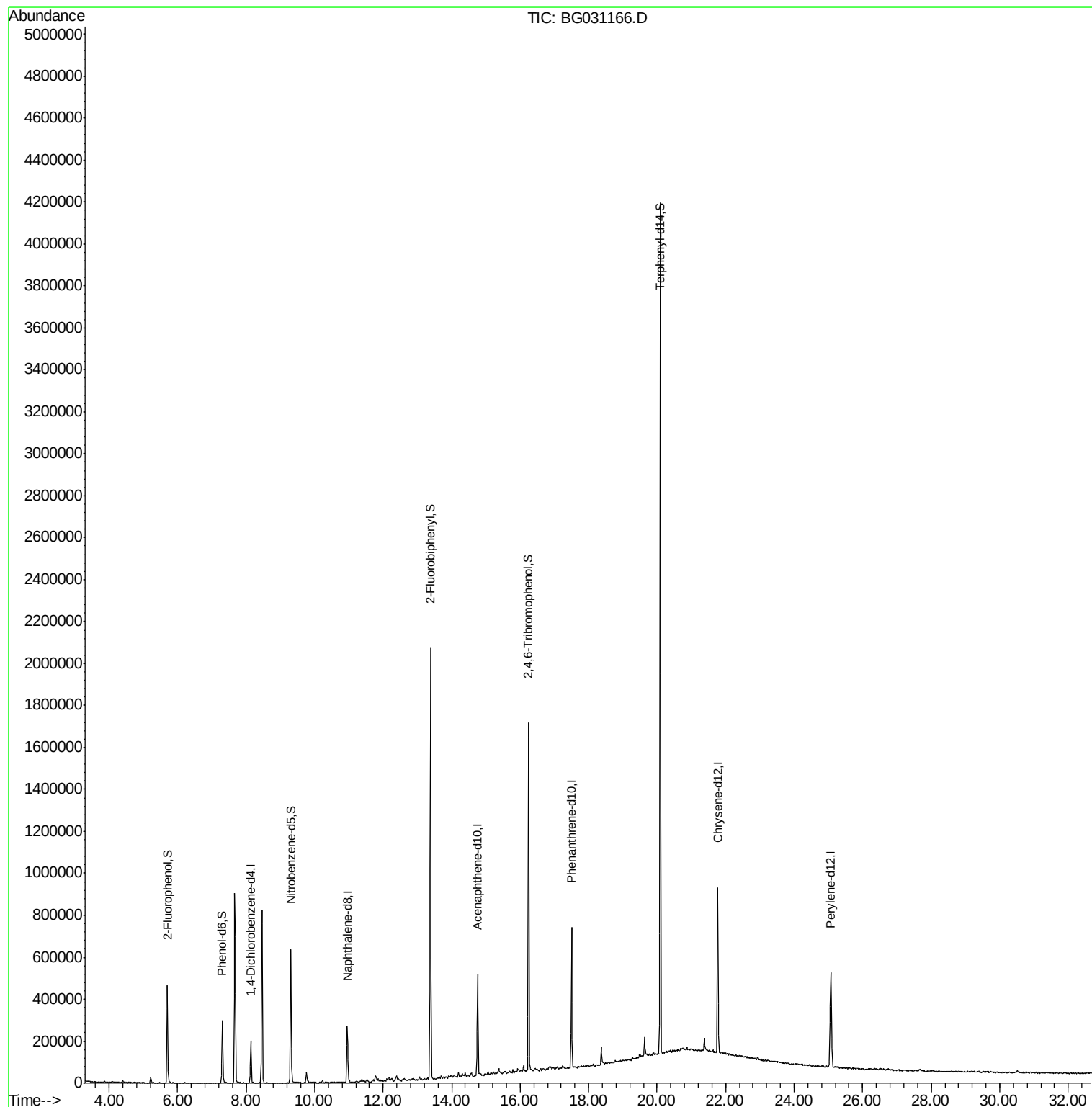
Target Compounds Qvalue

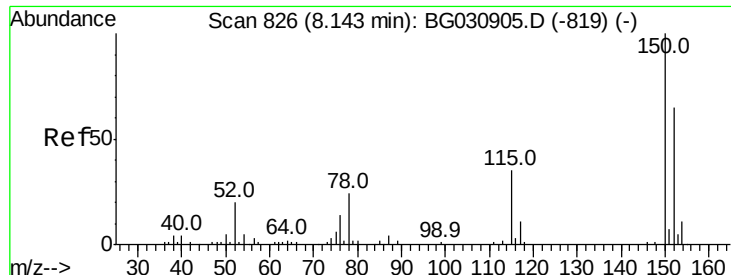
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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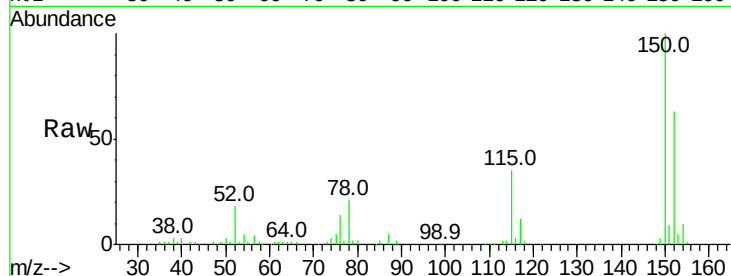


#1

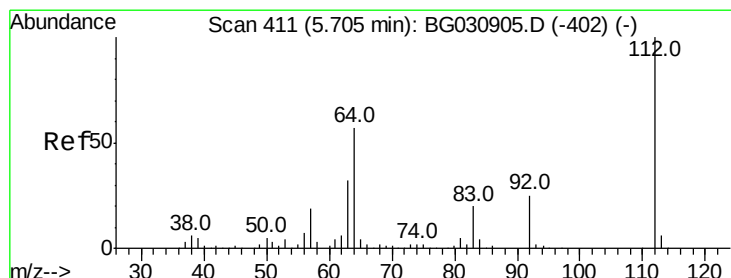
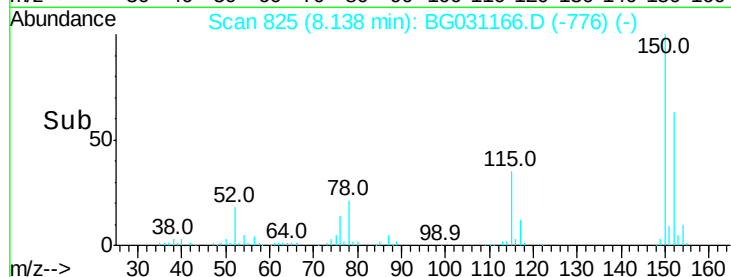
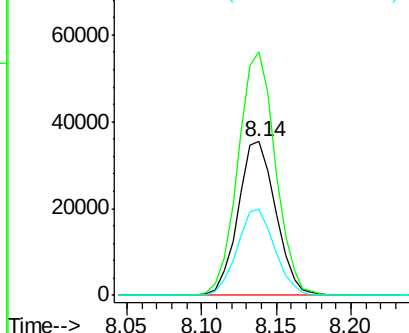
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG031166.D
Acq: 21 Nov 2017 23:35

Instrument :
BNA_G
ClientSampleId :
LW-D

Tot Ion:152 Resp: 62166
Ion Ratio Lower Upper
152 100
150 158.2 126.6 189.8
115 55.8 53.0 79.4



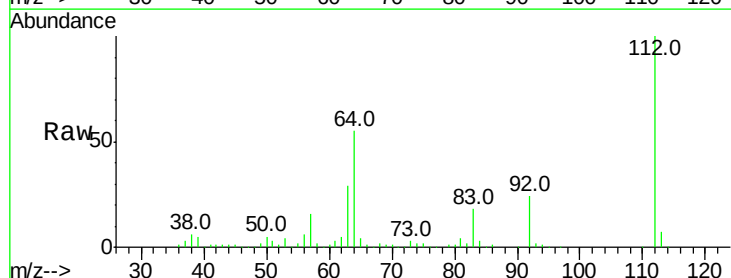
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



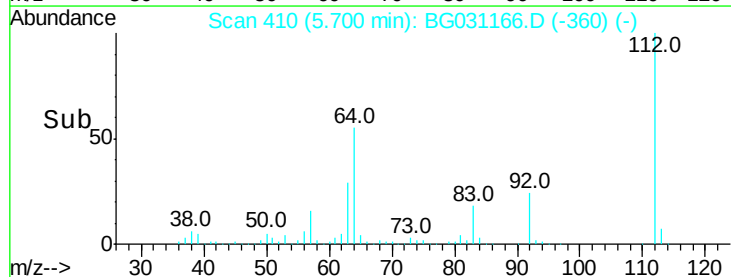
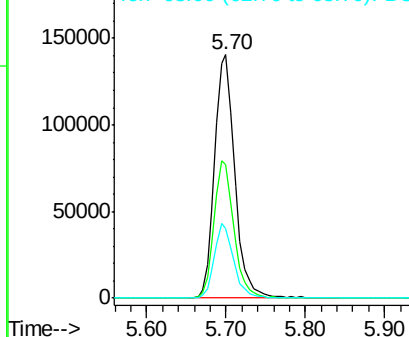
#5

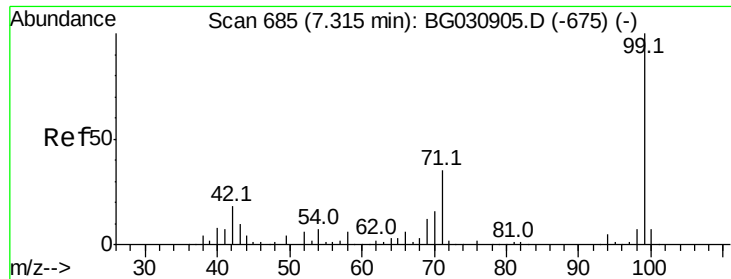
2-Fluorophenol
Concen: 68.652 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031166.D
Acq: 21 Nov 2017 23:35

Tgt Ion:112 Resp: 248888
Ion Ratio Lower Upper
112 100
64 54.9 56.3 84.5#
63 28.7 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 41.098 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031166.D

Acq: 21 Nov 2017 23:35

Instrument :

BNA_G

ClientSampleId :

LW-D

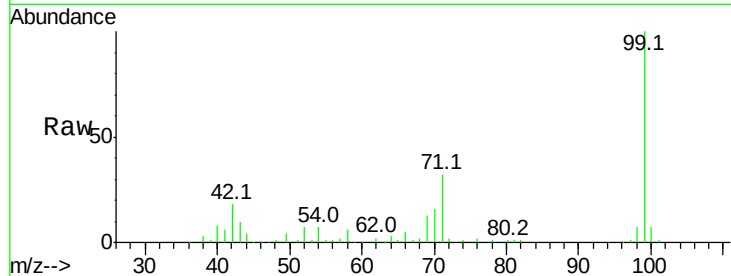
Tot Ion: 99 Resp: 200730

Ion Ratio Lower Upper

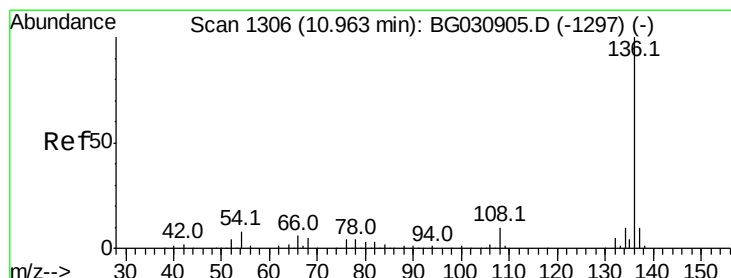
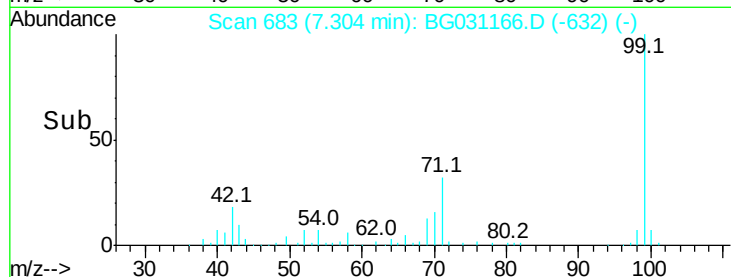
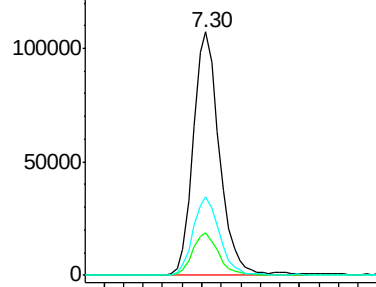
99 100

42 17.6 14.1 21.1

71 32.2 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: 10.95 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG031166.D

Acq: 21 Nov 2017 23:35

Tgt Ion: 136 Resp: 268132

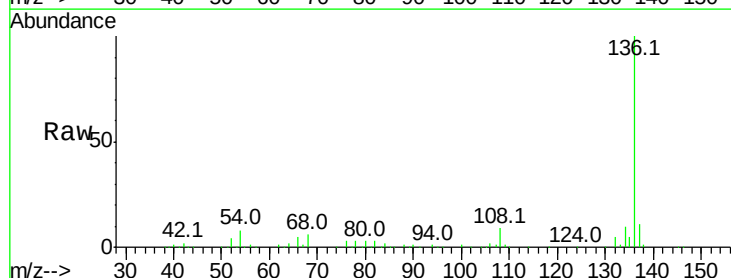
Ion Ratio Lower Upper

136 100

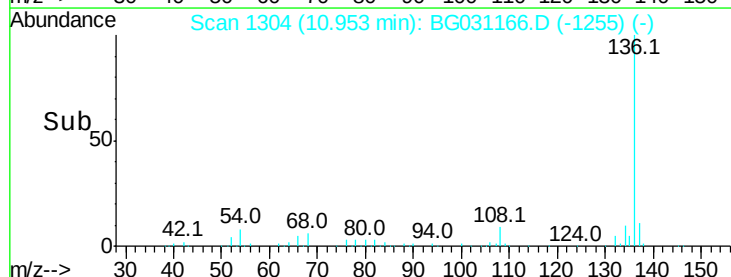
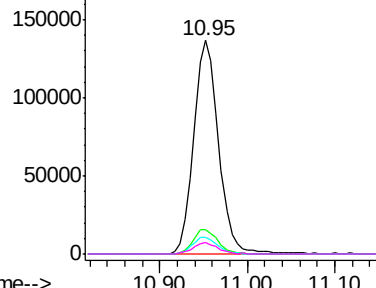
137 11.3 9.2 13.8

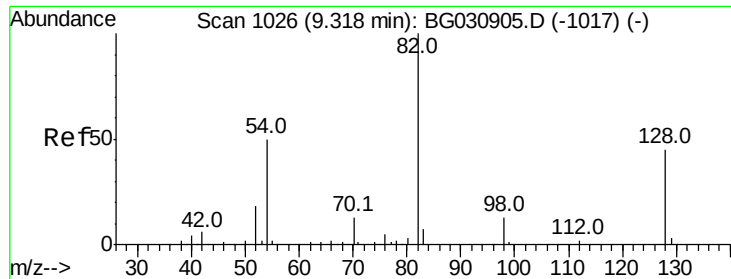
54 7.6 10.3 15.5#

68 5.7 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

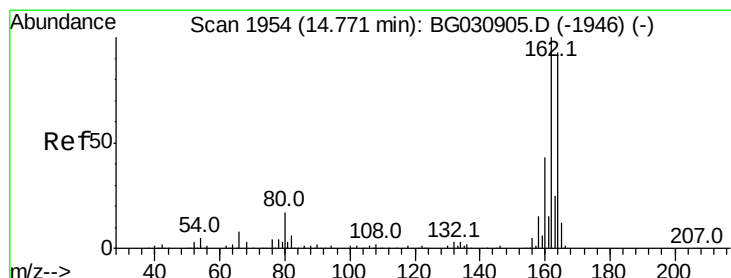
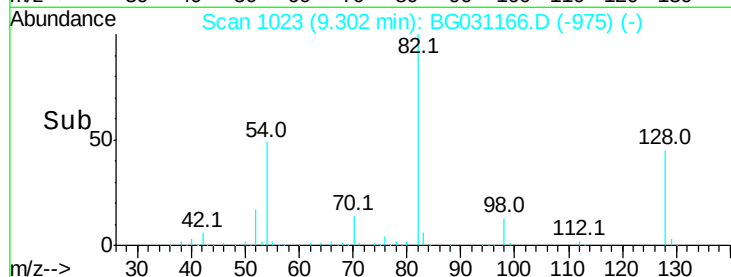
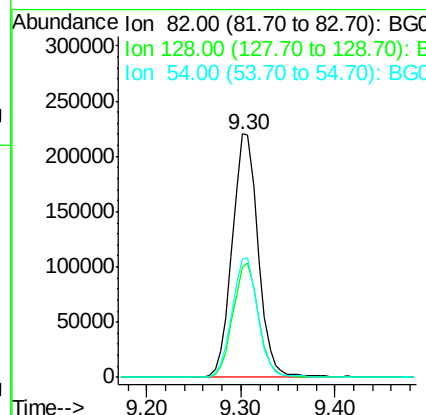
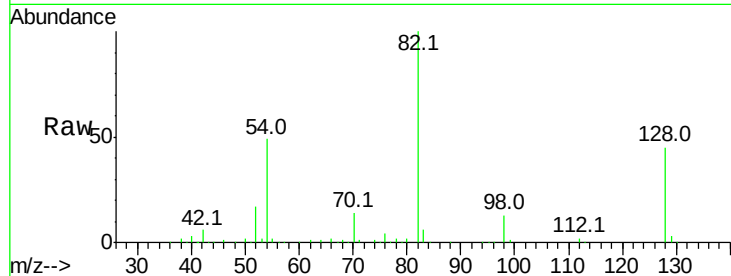




#23
Nitrobenzene-d5
Concen: 93.708 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031166.D
Acq: 21 Nov 2017 23:35

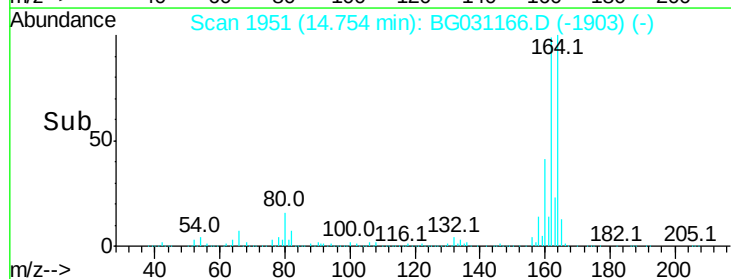
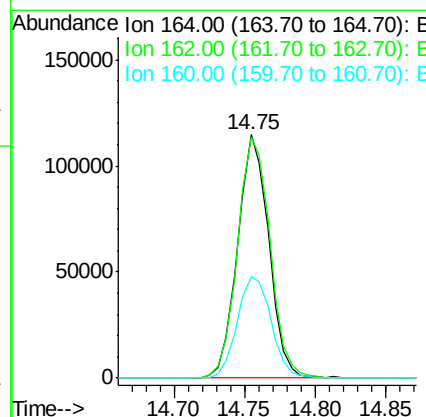
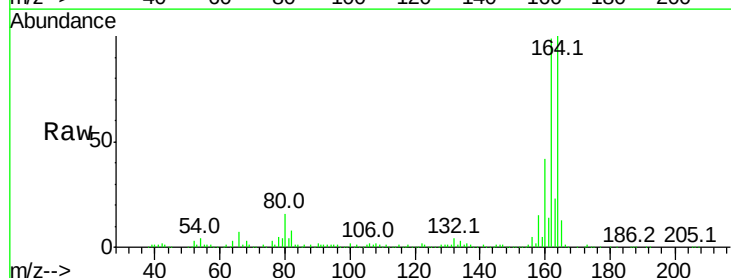
Instrument :
BNA_G
ClientSampled :
LW-D

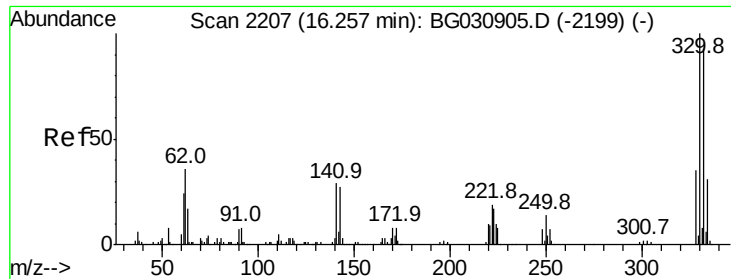
Tot Ion: 82 Resp: 424025
Ion Ratio Lower Upper
82 100
128 45.4 29.7 44.5#
54 48.6 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031166.D
Acq: 21 Nov 2017 23:35

Tgt Ion:164 Resp: 176988
Ion Ratio Lower Upper
164 100
162 99.2 78.8 118.2
160 41.5 35.4 53.0

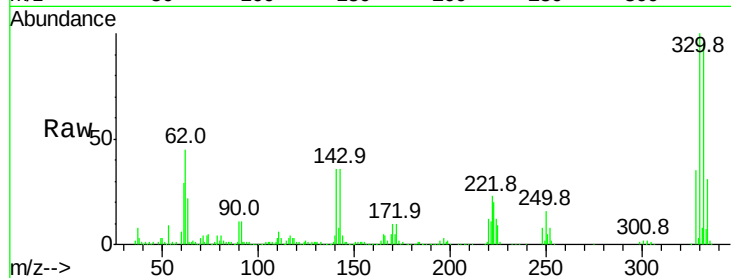




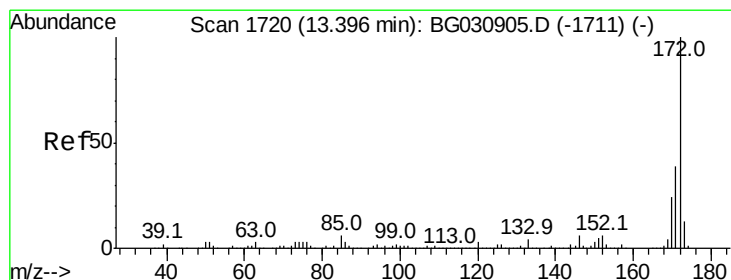
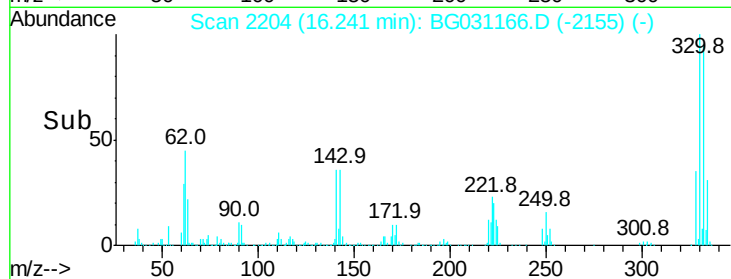
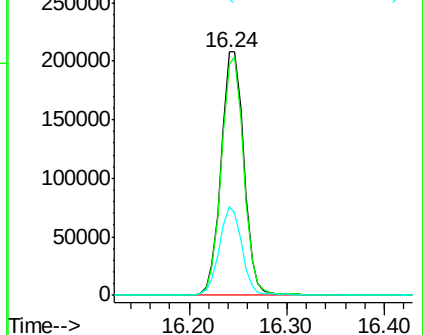
#41
 2,4,6-Tribromophenol
 Concen: 118.457 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG031166.D
 Acq: 21 Nov 2017 23:35

Instrument :
 BNA_G
 ClientSampled :
 LW-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.3	25.2	37.8

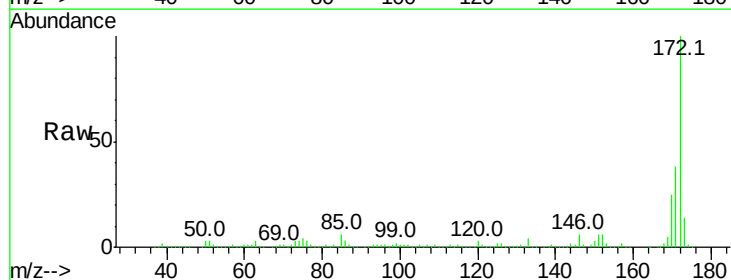


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

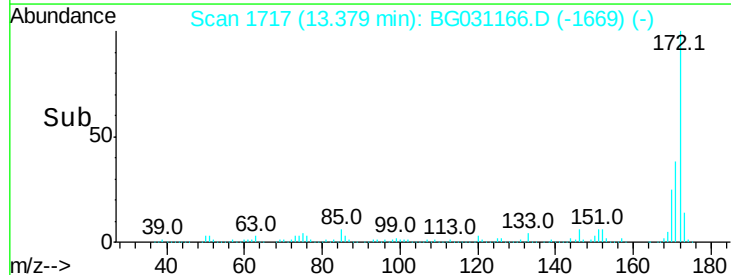
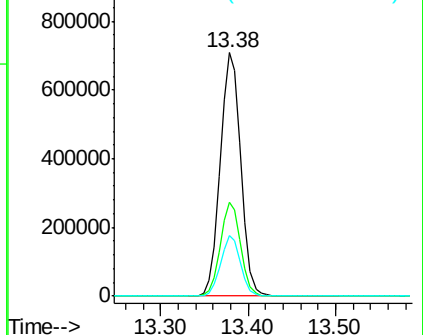


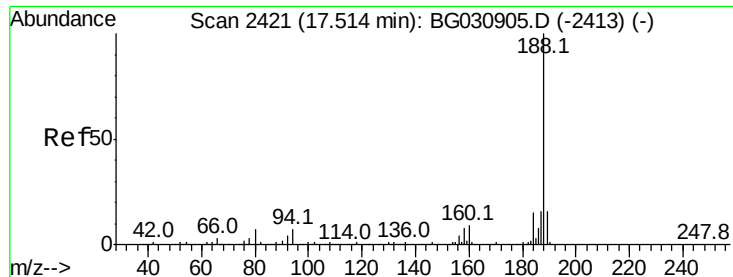
#44
 2-Fluorobiphenyl
 Concen: 93.483 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031166.D
 Acq: 21 Nov 2017 23:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.8	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: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG031166.D

Acq: 21 Nov 2017 23:35

Instrument :

BNA_G

ClientSampleId :

LW-D

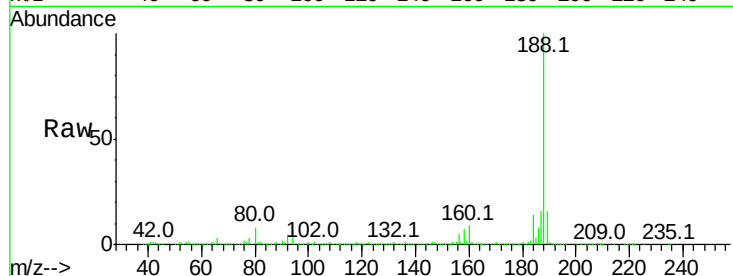
Tot Ion:188 Resp: 431132

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

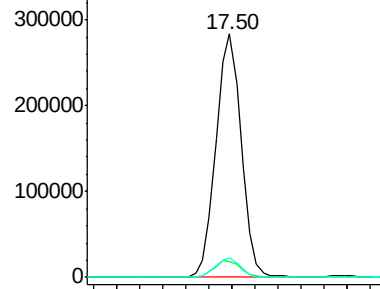
80 7.8 7.7 11.5



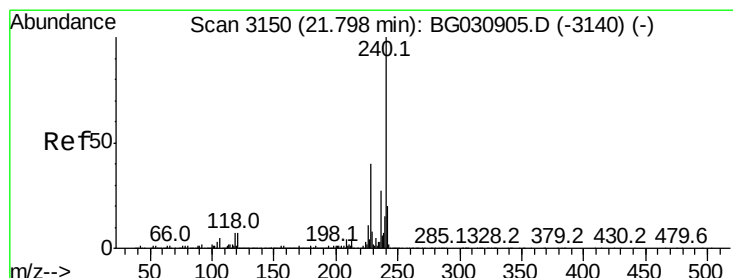
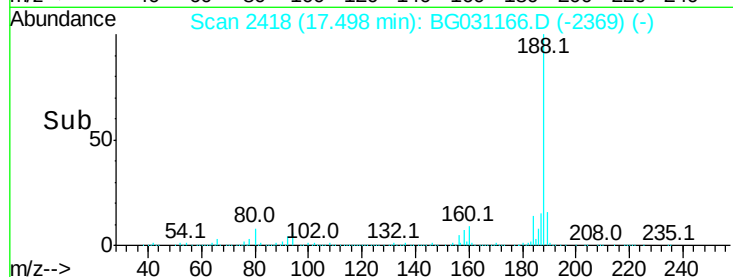
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG031166.D

Acq: 21 Nov 2017 23:35

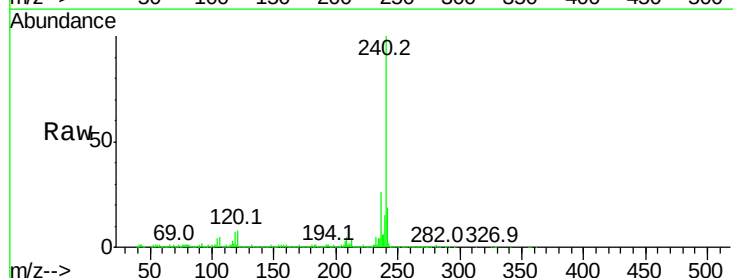
Tgt Ion:240 Resp: 511798

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

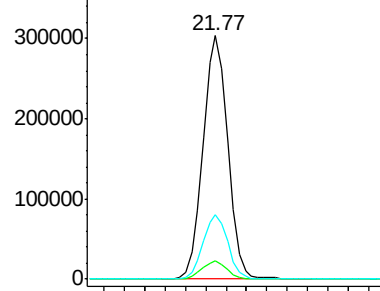
236 26.5 20.9 31.3



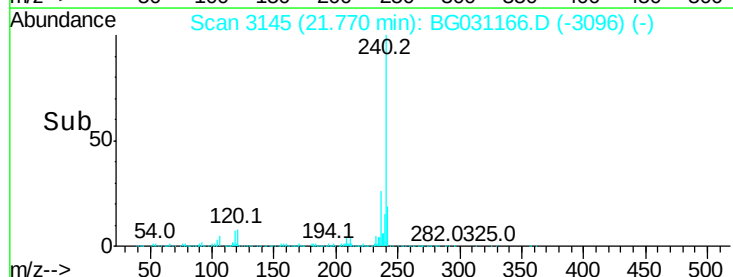
Abundance Ion 240.00 (239.70 to 240.70): E

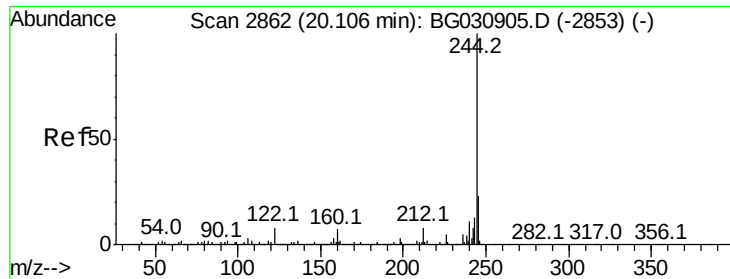
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 85.335 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031166.D

Acq: 21 Nov 2017 23:35

Instrument :

BNA_G

ClientSampleId :

LW-D

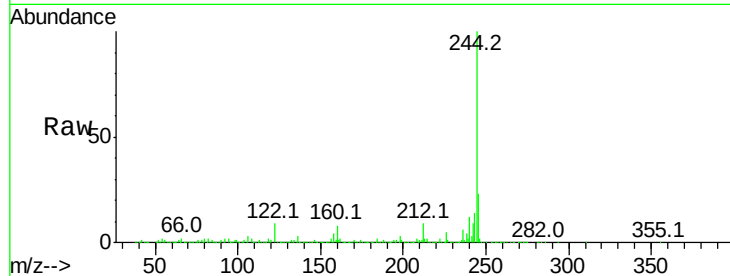
Tot Ion:244 Resp: 1977924

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

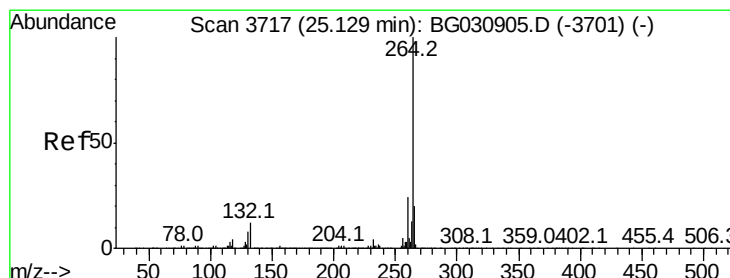
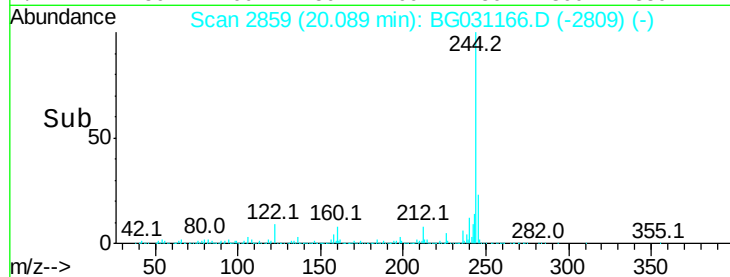
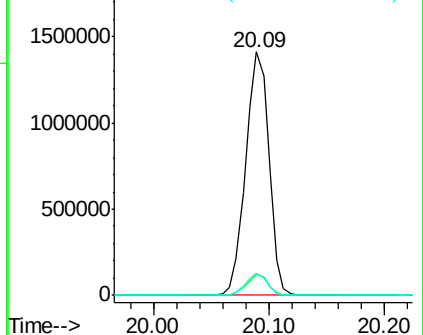
122 8.9 7.0 10.4



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: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG031166.D

Acq: 21 Nov 2017 23:35

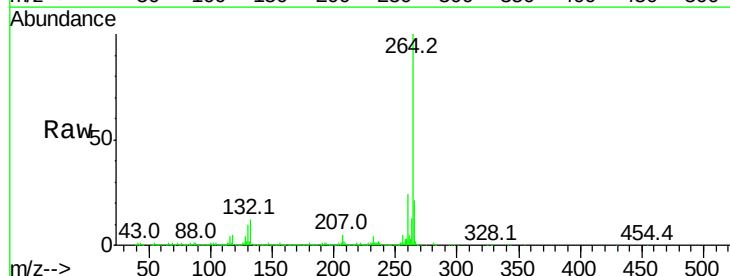
Tgt Ion:264 Resp: 505053

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.2 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

