

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030639.D
 Acq On : 1 Nov 2017 18:17
 Operator : SJ/JU
 Sample : I6234-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-5-DEP

Quant Time: Nov 01 19:12:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	65880	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	319777	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	225005	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	494033	20.00	ng	0.00
75) Chrysene-d12	21.78	240	521688	20.00	ng	0.00
86) Perylene-d12	25.09	264	519537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	193235	49.00	ng	0.00
7) Phenol-d6	7.31	99	160634	29.02	ng	0.00
23) Nitrobenzene-d5	9.33	82	552071	109.71	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	304156	104.70	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1572073	102.47	ng	0.00
78) Terphenyl-d14	20.10	244	2201626	96.01	ng	0.00

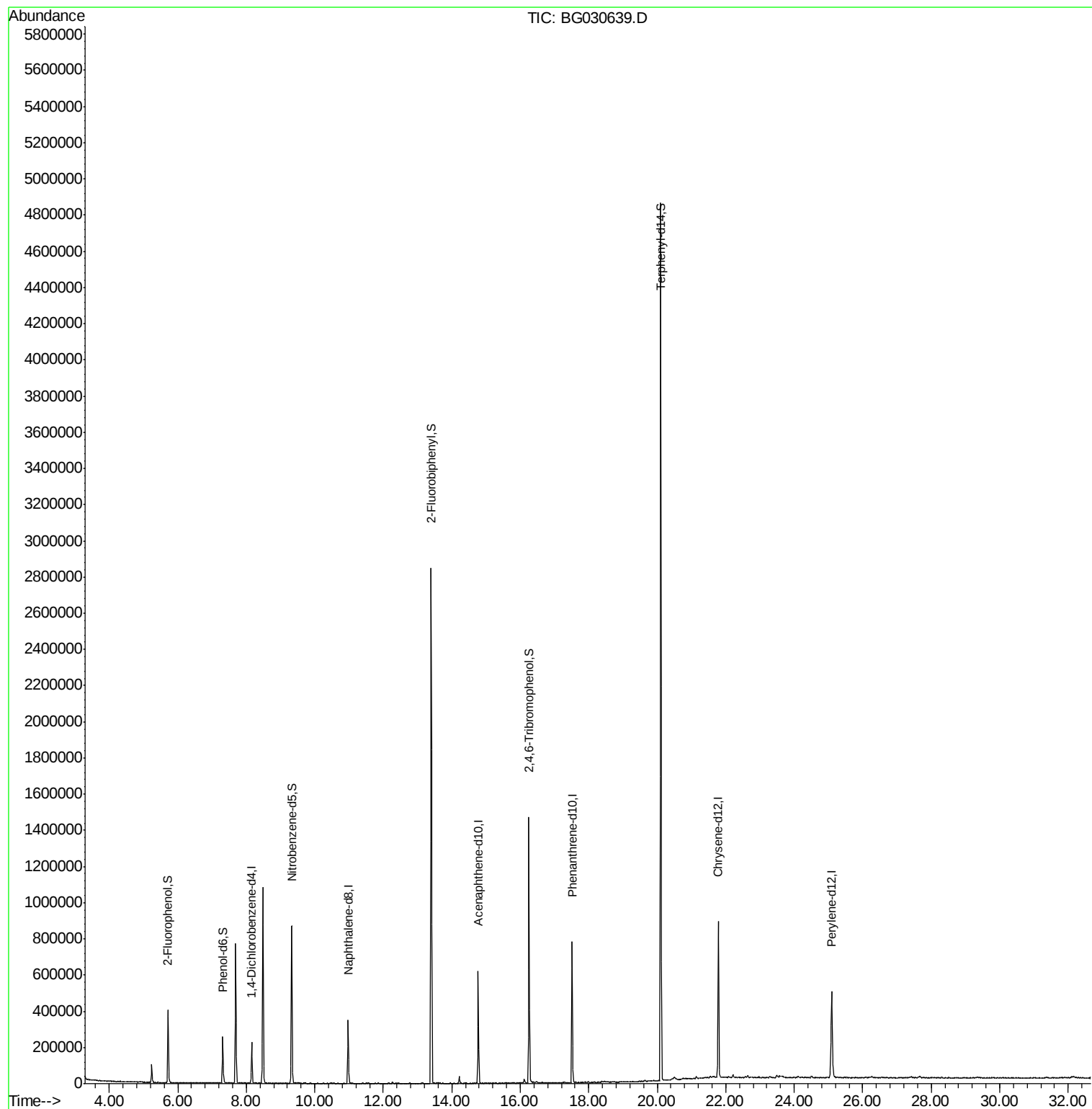
Target Compounds	Qvalue
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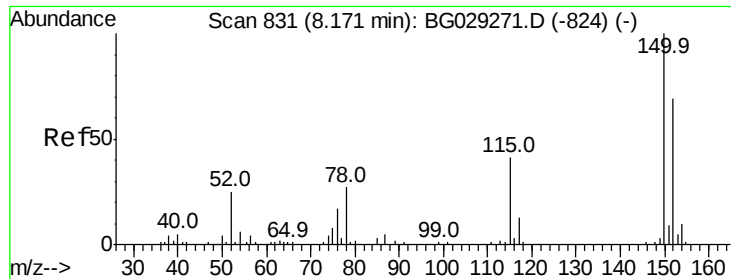
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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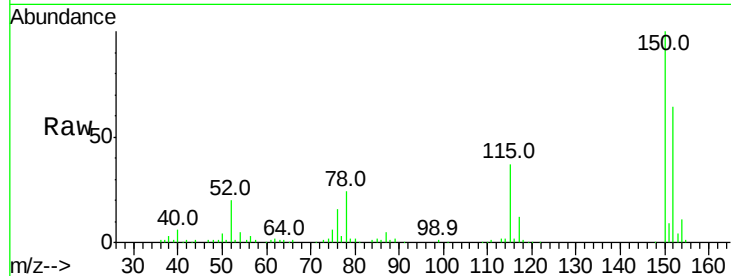


#1

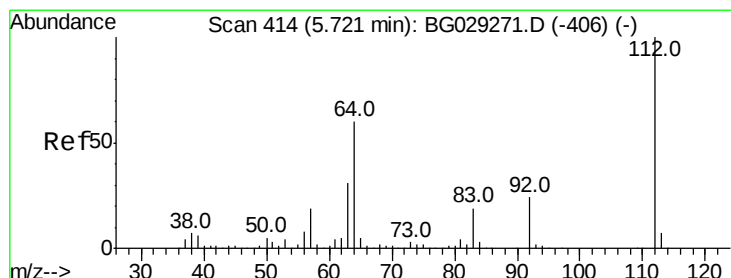
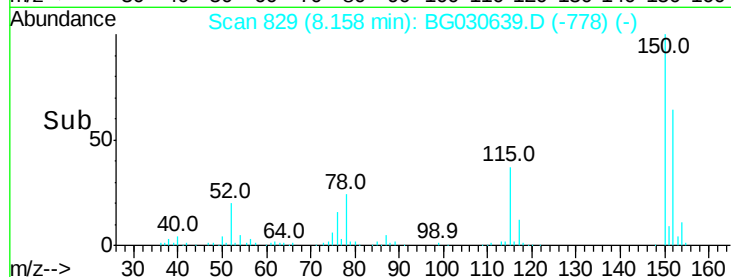
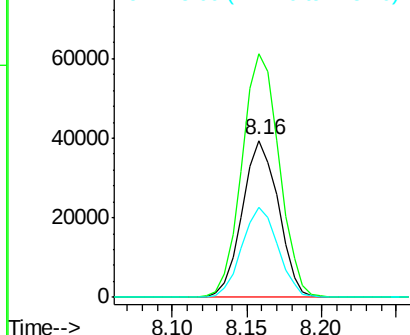
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG030639.D
Acq: 1 Nov 2017 18:17

Instrument :
BNA_G
ClientSampleId :
TW-5-DEP

Tot Ion:152 Resp: 65880
Ion Ratio Lower Upper
152 100
150 155.4 126.6 189.8
115 57.6 53.0 79.4



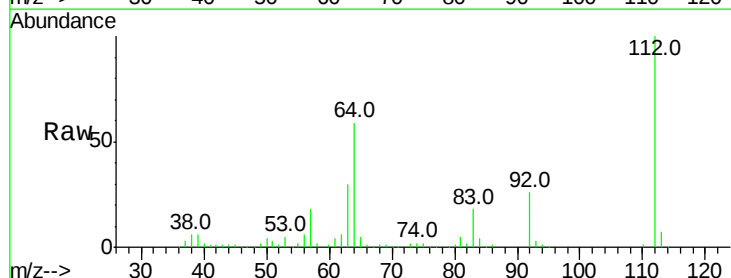
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



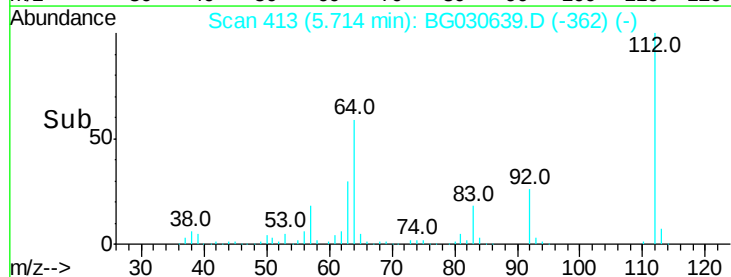
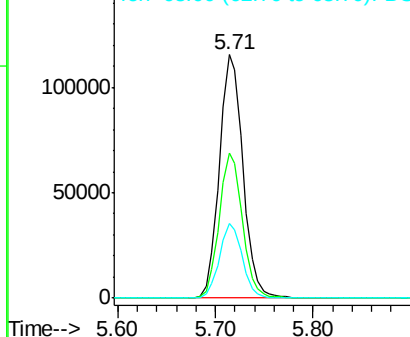
#5

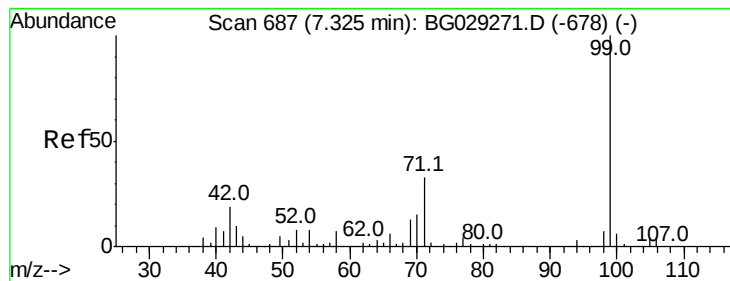
2-Fluorophenol
Concen: 49.000 ng
RT: 5.71 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030639.D
Acq: 1 Nov 2017 18:17

Tgt Ion:112 Resp: 193235
Ion Ratio Lower Upper
112 100
64 59.4 56.3 84.5
63 30.4 30.1 45.1



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





#7

Phenol-d6

Concen: 29.019 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030639.D

Acq: 1 Nov 2017 18:17

Instrument :

BNA_G

ClientSampleId :

TW-5-DEP

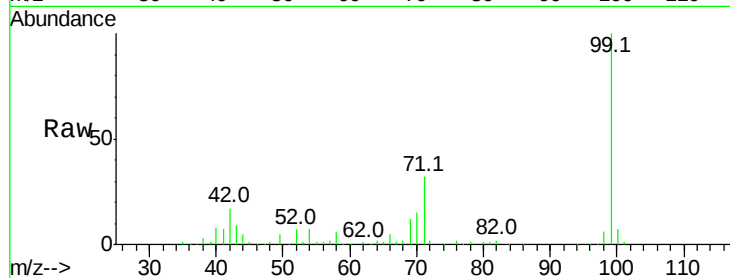
Tot Ion: 99 Resp: 160634

Ion Ratio Lower Upper

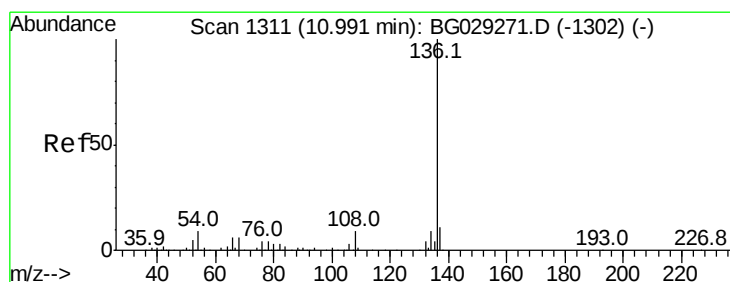
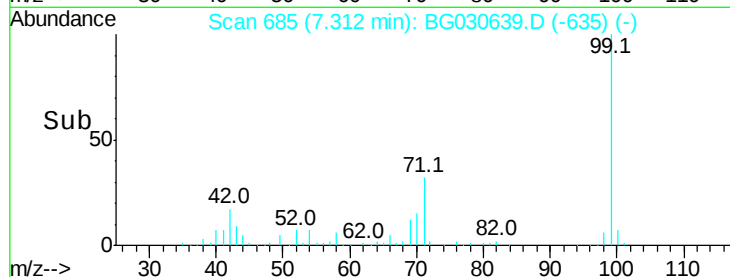
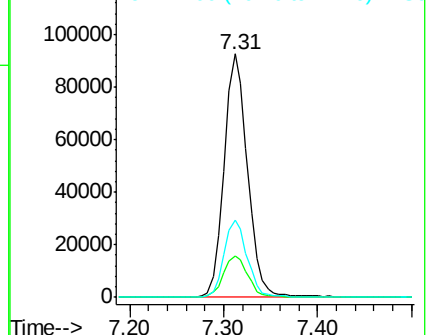
99 100

42 17.2 14.1 21.1

71 31.9 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: 10.97 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BG030639.D

Acq: 1 Nov 2017 18:17

Tgt Ion: 136 Resp: 319777

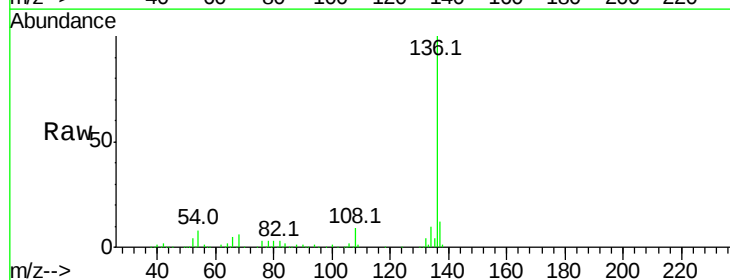
Ion Ratio Lower Upper

136 100

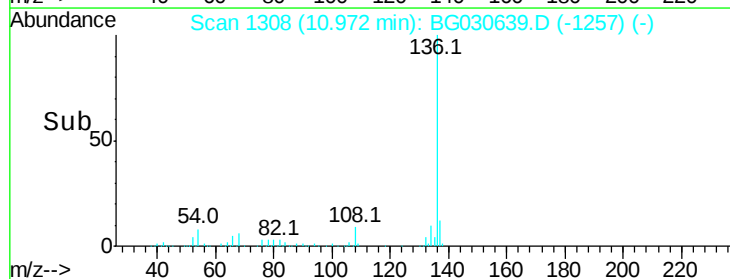
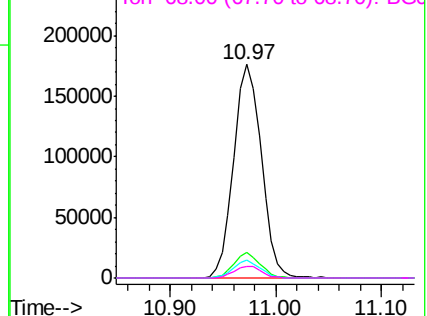
137 11.9 9.2 13.8

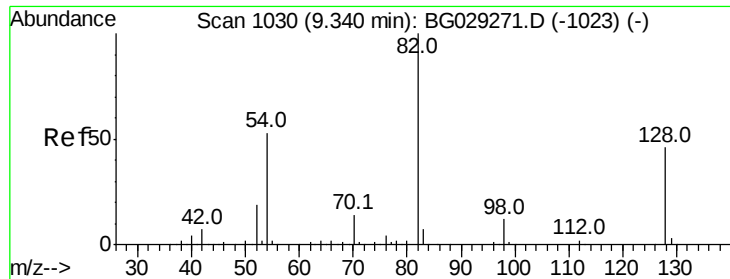
54 8.2 10.3 15.5#

68 5.7 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

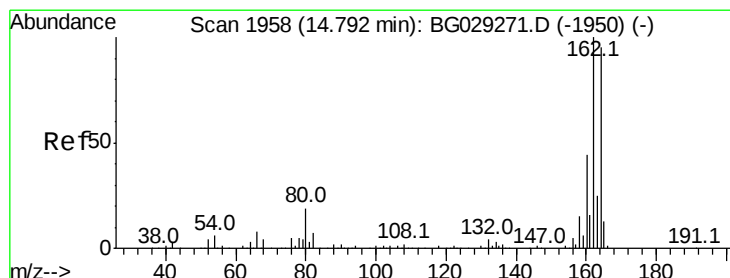
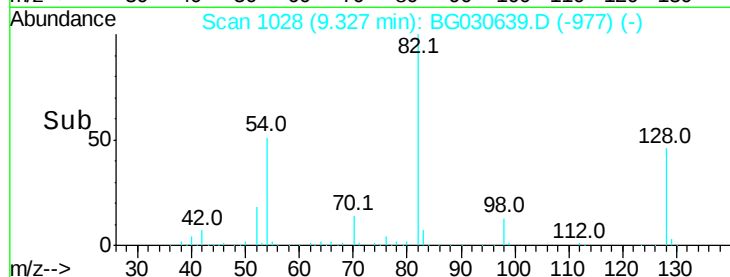
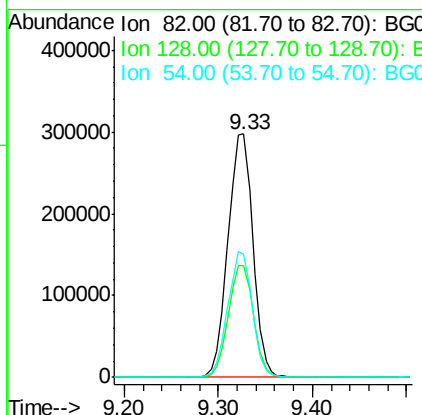
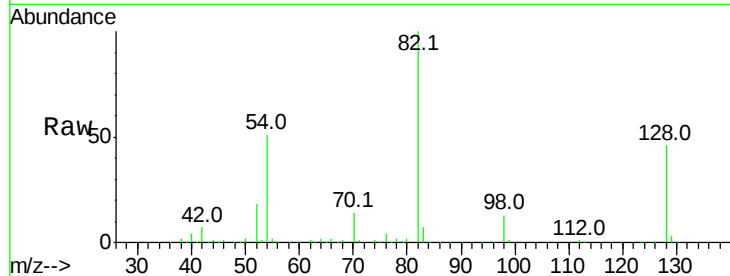




#23
 Nitrobenzene-d5
 Concen: 109.710 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG030639.D
 Acq: 1 Nov 2017 18:17

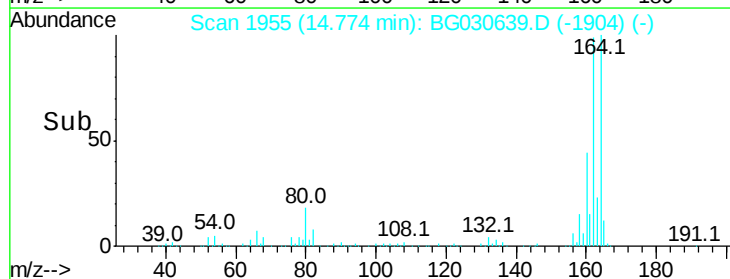
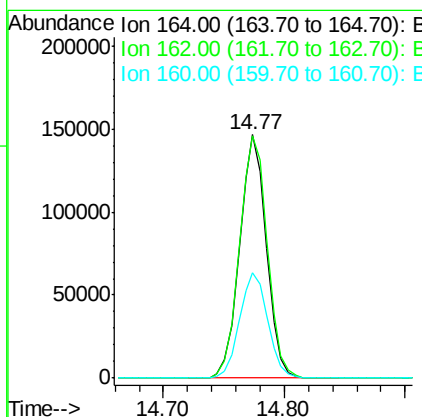
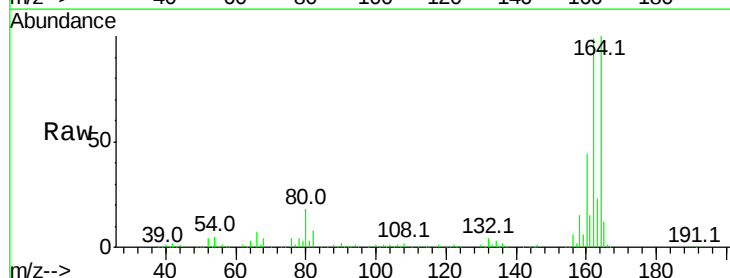
Instrument :
 BNA_G
 ClientSampleId :
 TW-5-DEP

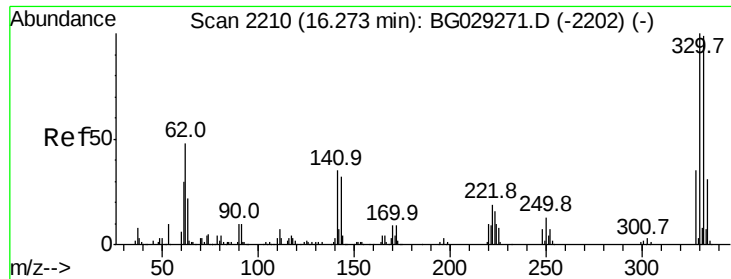
Tot Ion: 82 Resp: 552071
 Ion Ratio Lower Upper
 82 100
 128 45.8 29.7 44.5#
 54 50.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: BG030639.D
 Acq: 1 Nov 2017 18:17

Tgt Ion:164 Resp: 225005
 Ion Ratio Lower Upper
 164 100
 162 99.3 78.8 118.2
 160 43.5 35.4 53.0

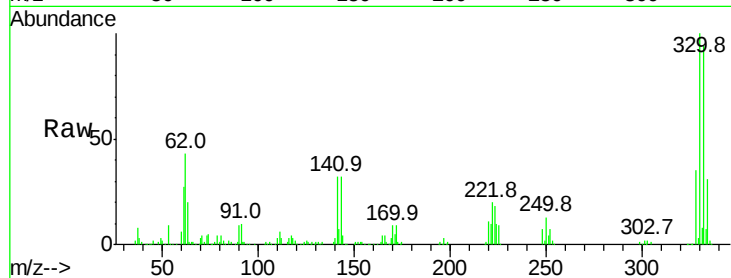




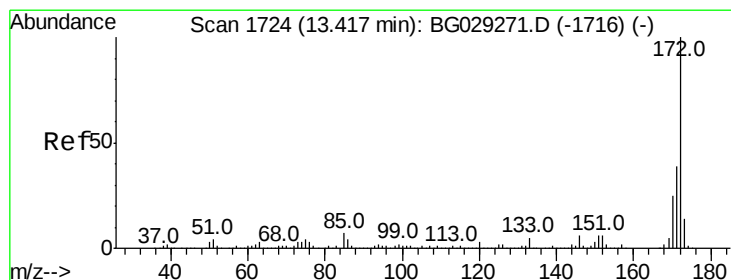
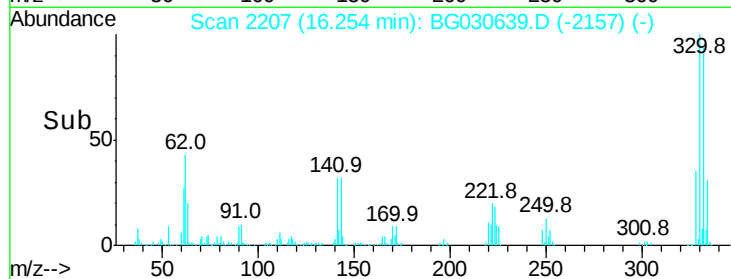
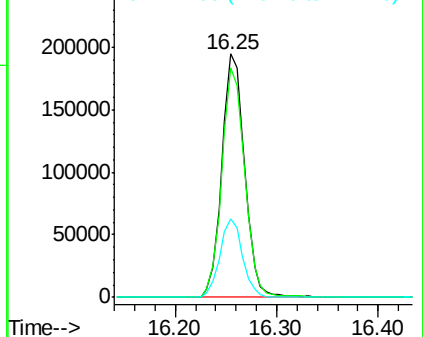
#41
 2,4,6-Tribromophenol
 Concen: 104.699 ng
 RT: 16.25 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BG030639.D
 Acq: 1 Nov 2017 18:17

Instrument :
 BNA_G
 ClientSampleId :
 TW-5-DEP

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	32.3	25.2	37.8

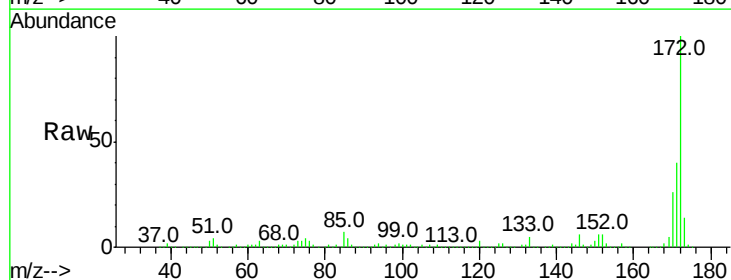


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

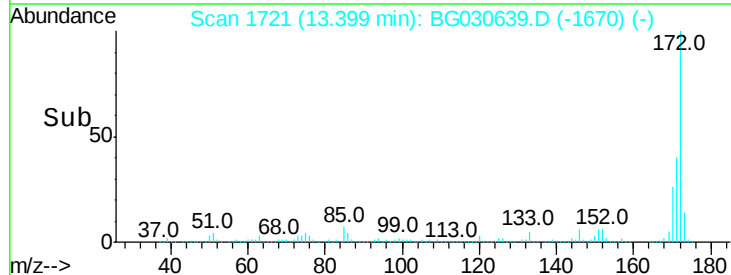
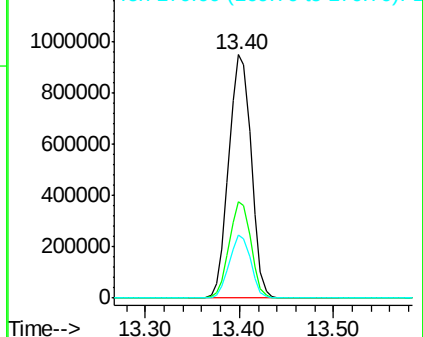


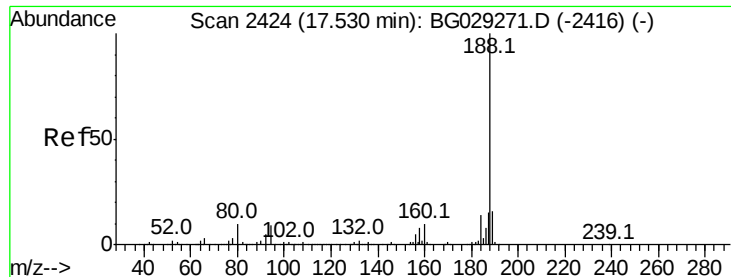
#44
 2-Fluorobiphenyl
 Concen: 102.473 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG030639.D
 Acq: 1 Nov 2017 18:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	30.0	45.0
170	25.8	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: 17.51 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG030639.D

Acq: 1 Nov 2017 18:17

Instrument :

BNA_G

ClientSampleId :

TW-5-DEP

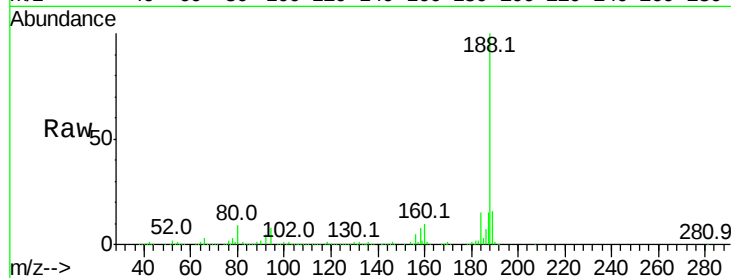
Tot Ion:188 Resp: 494033

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

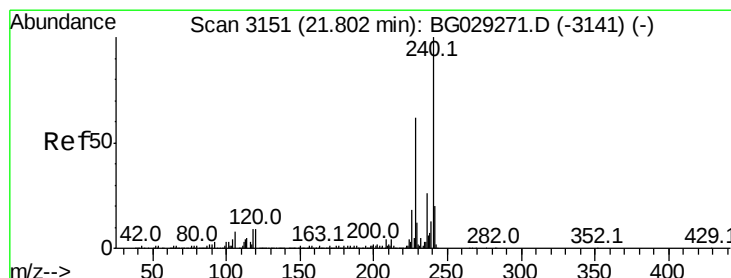
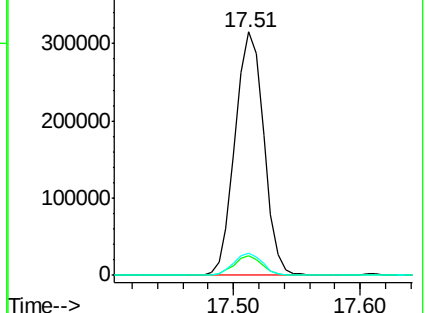
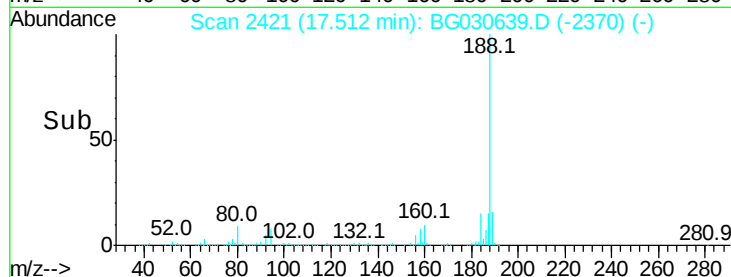
80 9.0 7.7 11.5



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: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG030639.D

Acq: 1 Nov 2017 18:17

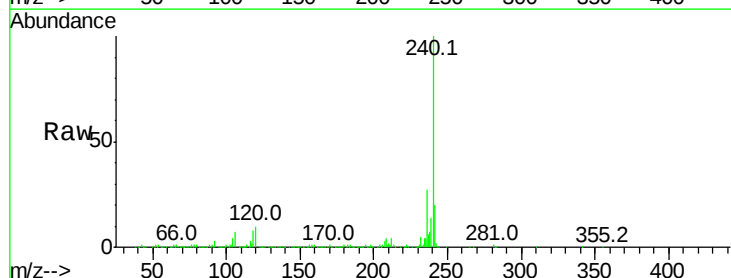
Tgt Ion:240 Resp: 521688

Ion Ratio Lower Upper

240 100

120 9.6 6.8 10.2

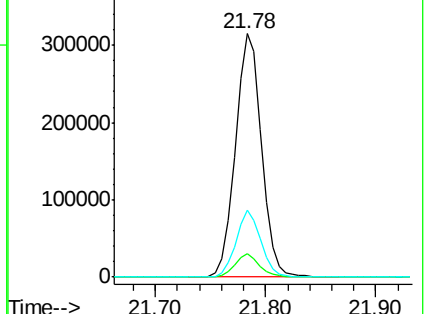
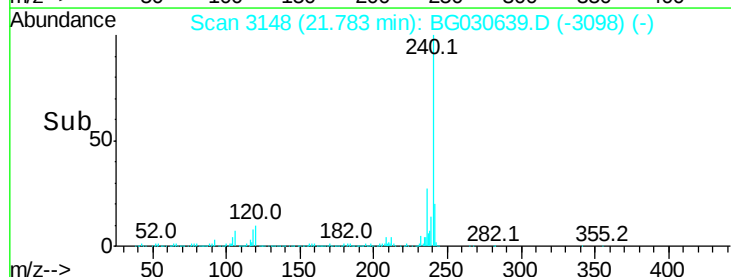
236 27.4 20.9 31.3

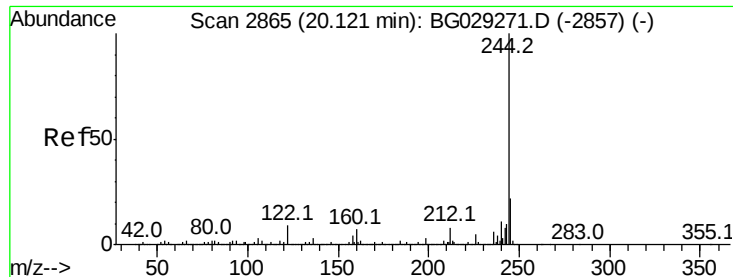


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.007 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG030639.D

Acq: 1 Nov 2017 18:17

Instrument :

BNA_G

ClientSampleId :

TW-5-DEP

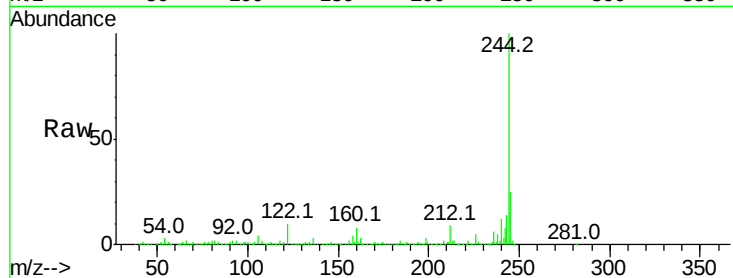
Tot Ion:244 Resp: 2201626

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

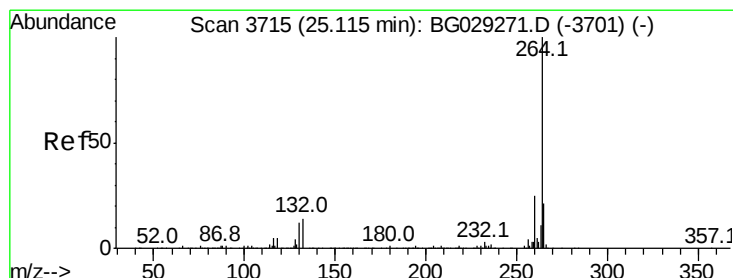
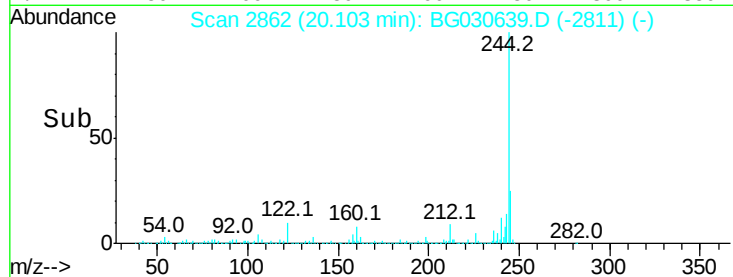
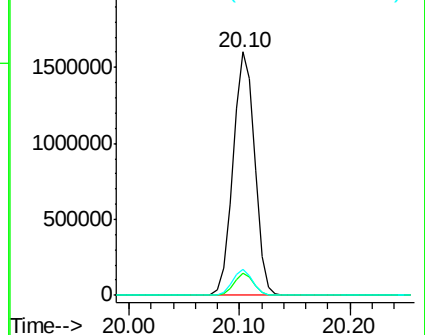
122 10.4 7.0 10.4



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: 25.09 min Scan# 3711

Delta R.T. -0.01 min

Lab File: BG030639.D

Acq: 1 Nov 2017 18:17

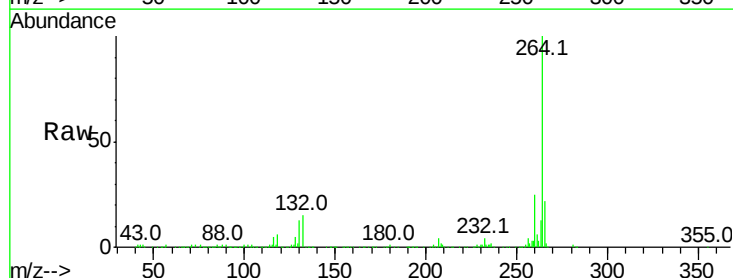
Tgt Ion:264 Resp: 519537

Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.0

265 21.8 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

