

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031470.D
 Acq On : 12 Dec 2017 1:20
 Operator : SJ/JU
 Sample : I6762-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120417-TIDO-F-D-S

Quant Time: Dec 12 05:05:37 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52902	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	218743	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	144468	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	396687	20.00	ng	0.00
75) Chrysene-d12	21.74	240	499406	20.00	ng	0.00
86) Perylene-d12	25.03	264	472827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	140153	46.96	ng	0.00
7) Phenol-d6	7.28	99	111312	26.87	ng	0.00
23) Nitrobenzene-d5	9.27	82	344853	97.17	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	179355	105.97	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1005513	102.17	ng	0.00
78) Terphenyl-d14	20.07	244	1897097	86.43	ng	0.00

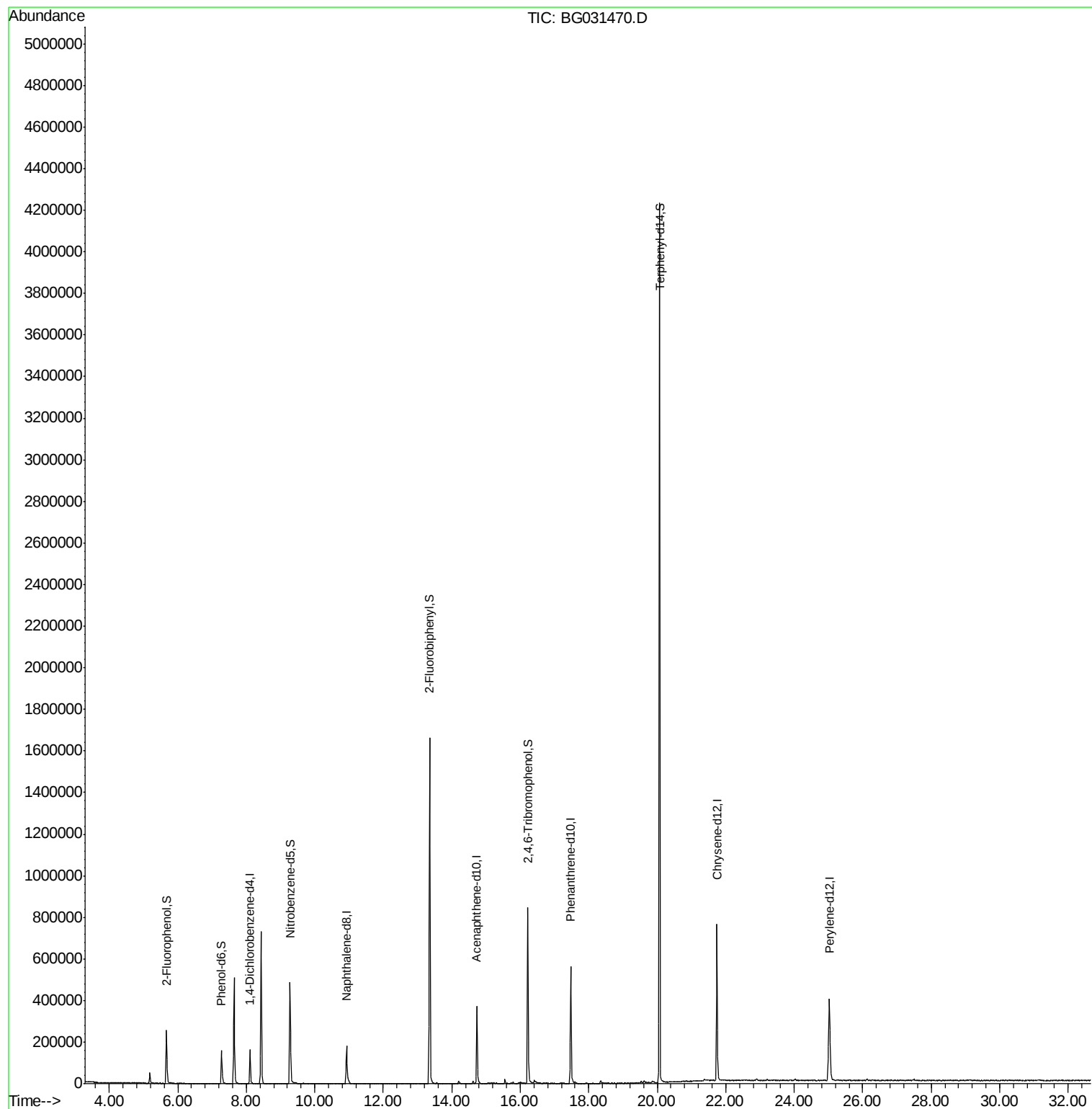
Target Compounds Qvalue

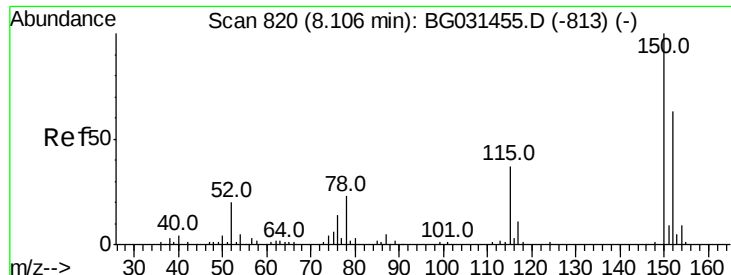
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
Data File : BG031470.D
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Operator : SJ/JU
Sample : I6762-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
120417-TIDO-F-D-S

Quant Time: Dec 12 05:05:37 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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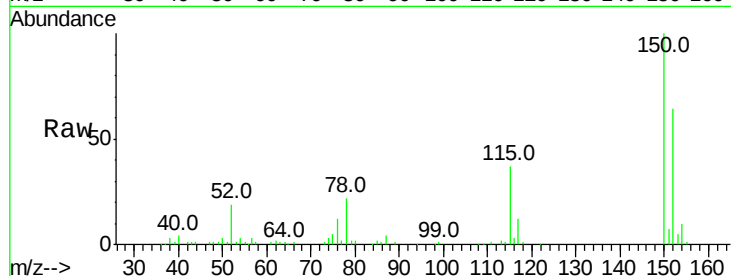


#1

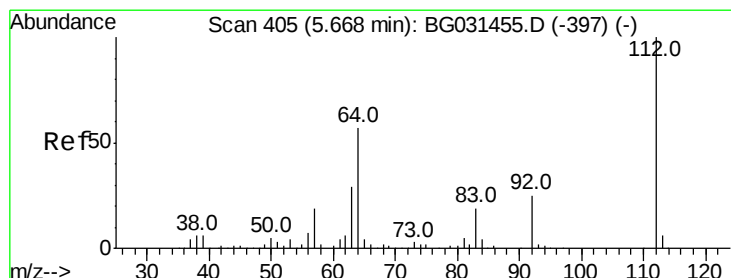
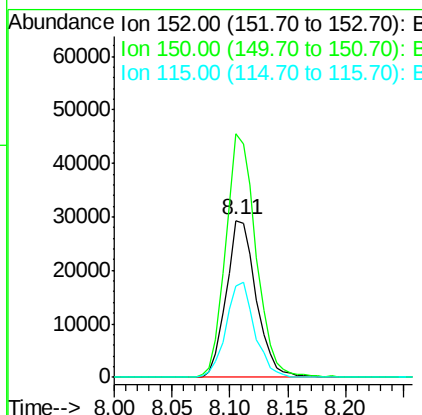
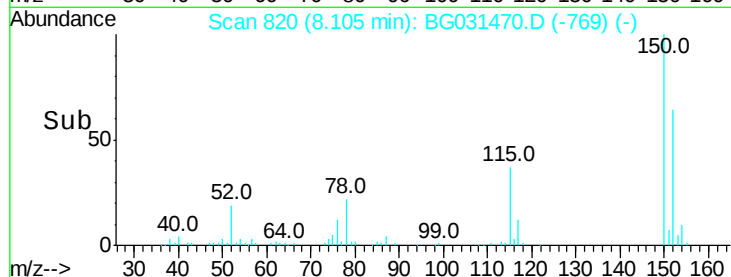
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031470.D
Acq: 12 Dec 2017 1:20

Instrument :
BNA_G
ClientSampleId :
120417-TIDO-F-D-S

Tot Ion:152 Resp: 52902
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 57.8 53.0 79.4



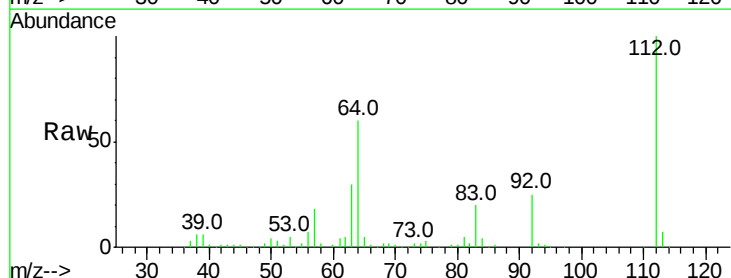
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



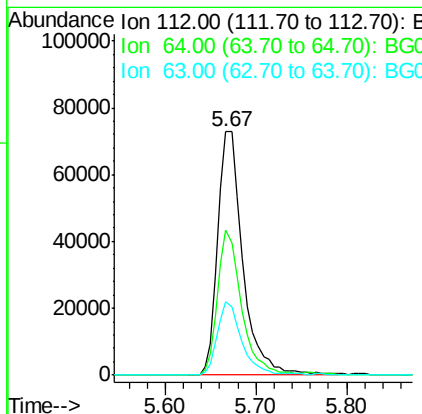
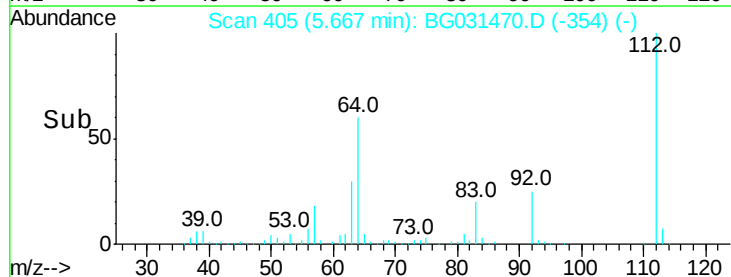
#5

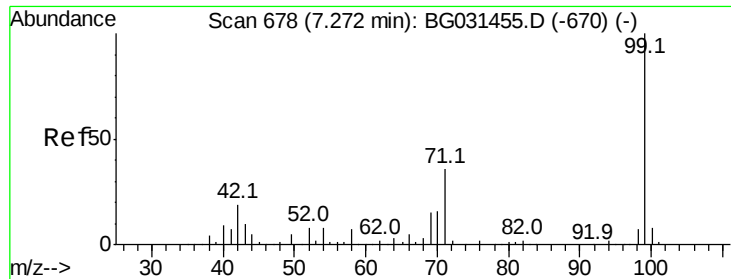
2-Fluorophenol
Concen: 46.959 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031470.D
Acq: 12 Dec 2017 1:20

Tgt Ion:112 Resp: 140153
Ion Ratio Lower Upper
112 100
64 59.6 56.3 84.5
63 30.2 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: 26.866 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

Instrument :

BNA_G

ClientSampleId :

120417-TIDO-F-D-S

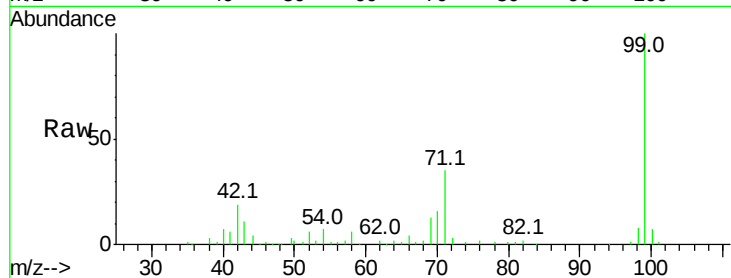
Tot Ion: 99 Resp: 111312

Ion Ratio Lower Upper

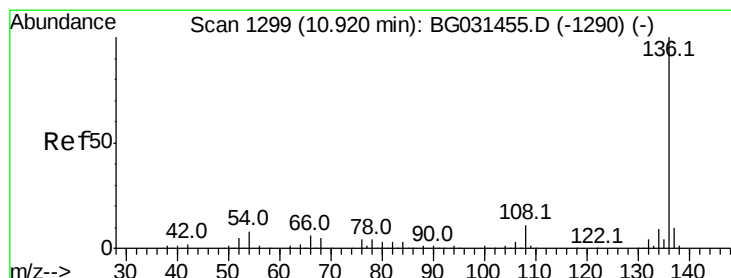
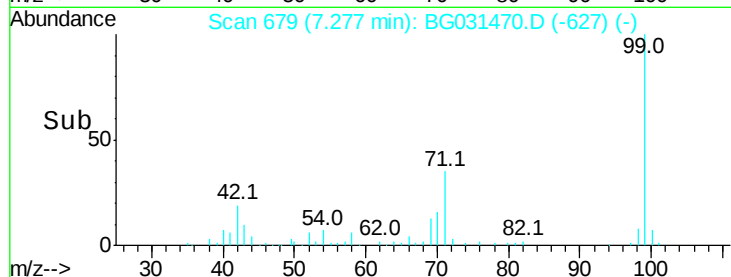
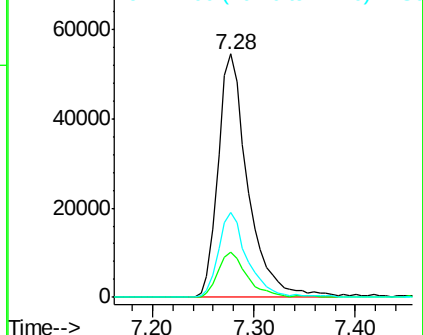
99 100

42 18.8 14.1 21.1

71 34.7 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: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

Tgt Ion: 136 Resp: 218743

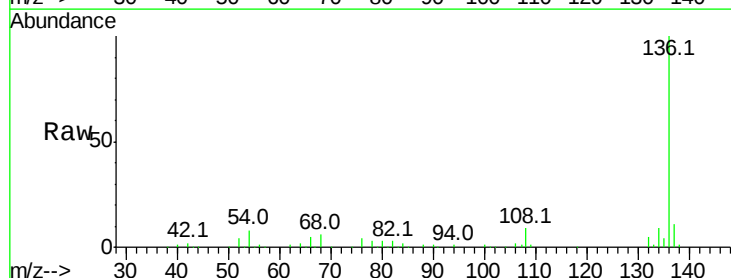
Ion Ratio Lower Upper

136 100

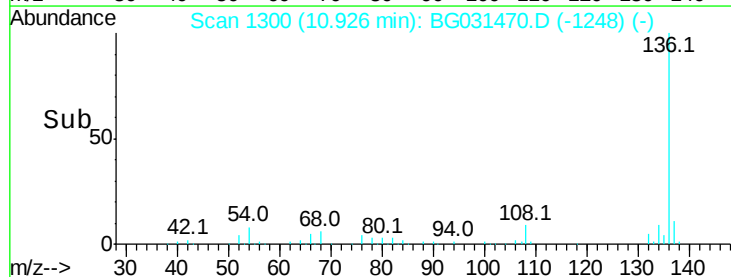
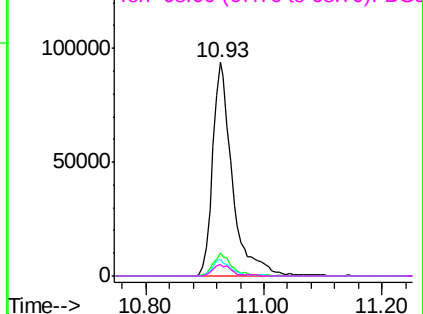
137 11.0 9.2 13.8

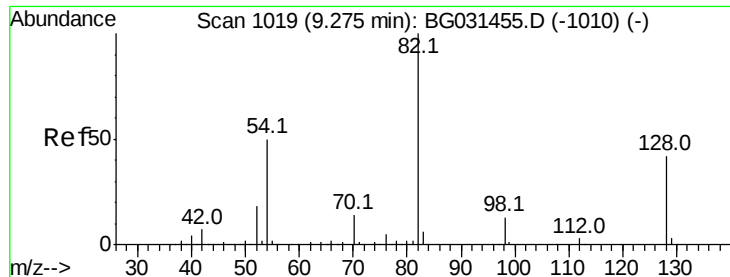
54 7.6 10.3 15.5#

68 5.5 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: 97.172 ng

RT: 9.27 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

Instrument :

BNA_G

ClientSampleId :

120417-TIDO-F-D-S

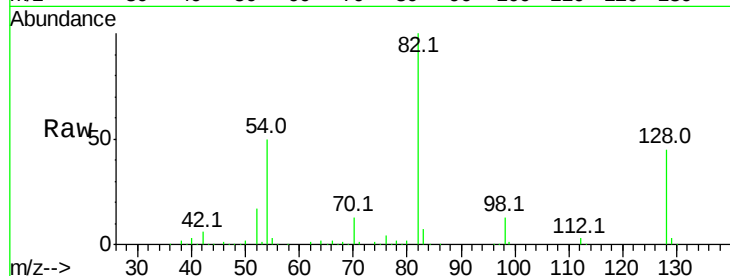
Tot Ion: 82 Resp: 344853

Ion Ratio Lower Upper

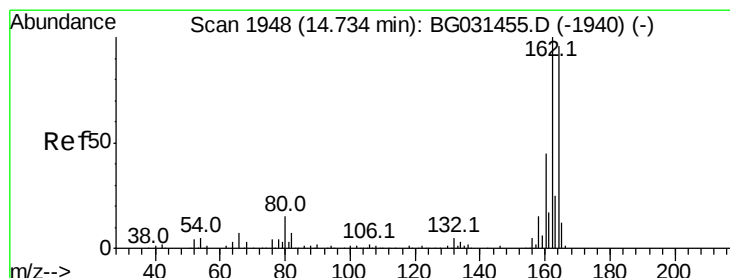
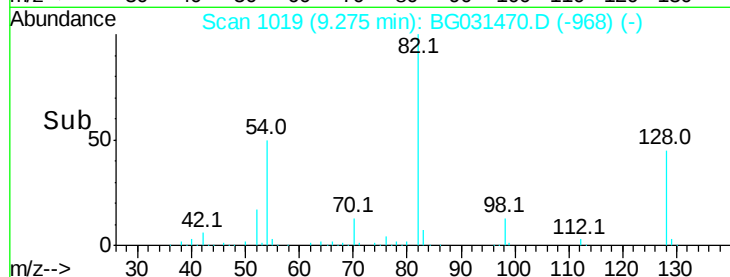
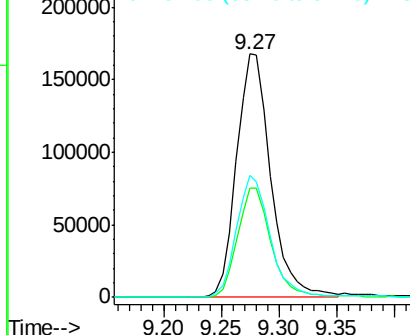
82 100

128 44.7 29.7 44.5#

54 50.1 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

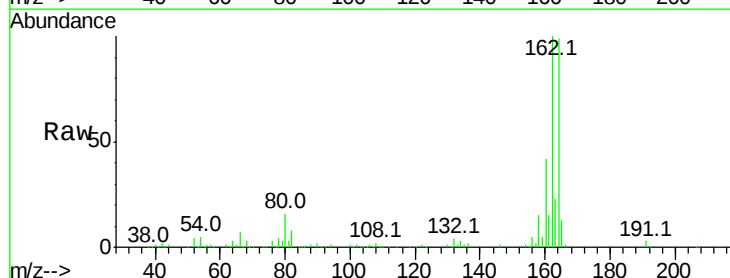
Tgt Ion: 164 Resp: 144468

Ion Ratio Lower Upper

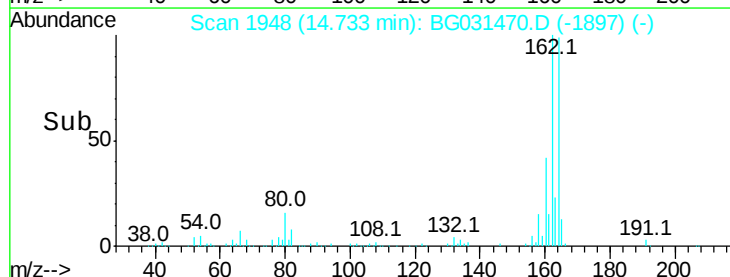
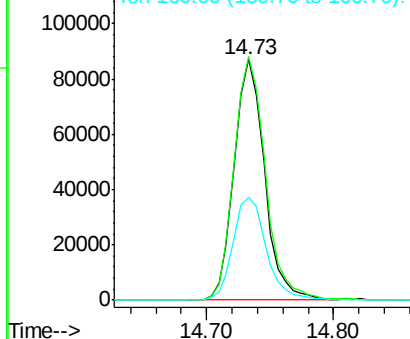
164 100

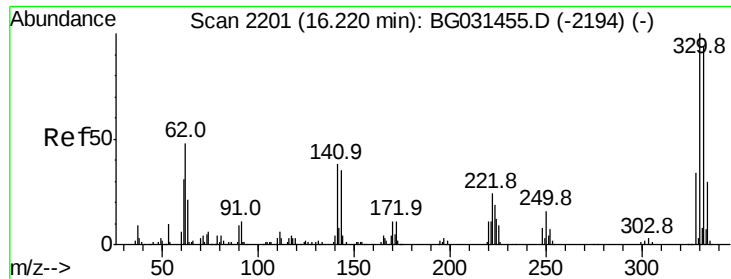
162 101.2 78.8 118.2

160 42.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

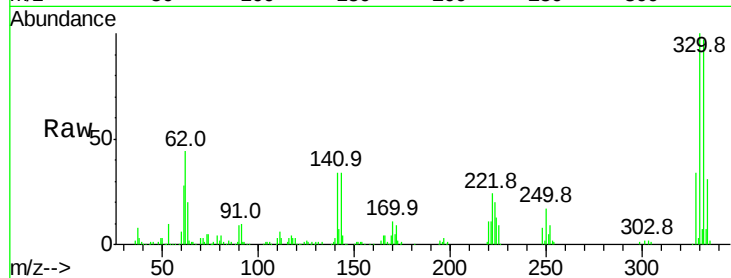




#41
 2,4,6-Tribromophenol
 Concen: 105.970 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031470.D
 Acq: 12 Dec 2017 1:20

Instrument :
 BNA_G
 ClientSampleId :
 120417-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	35.8	25.2	37.8

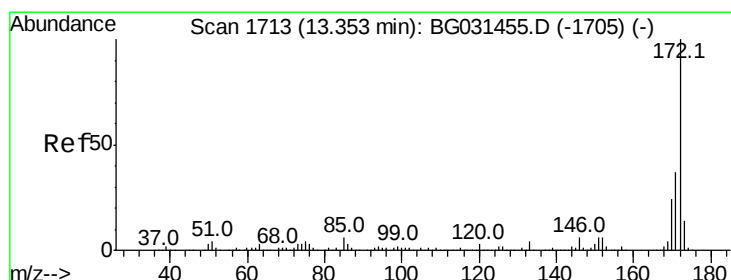
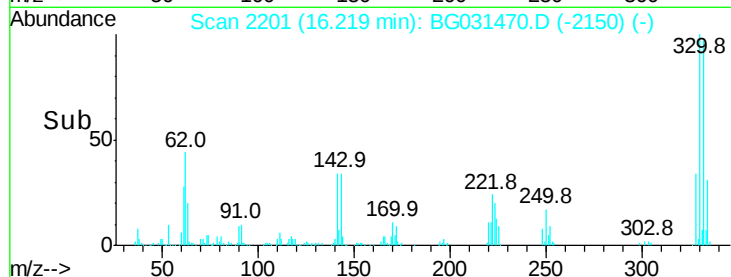
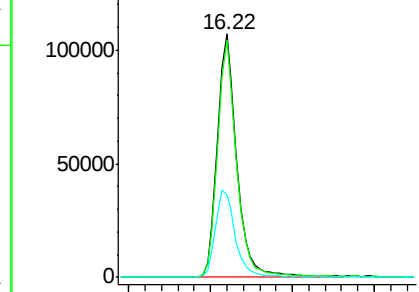


Abundance

Ion 329.80 (329.50 to 330.50): E

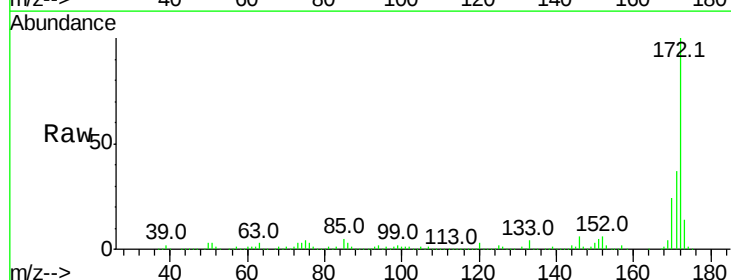
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 102.165 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031470.D
 Acq: 12 Dec 2017 1:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.0	19.5	29.3

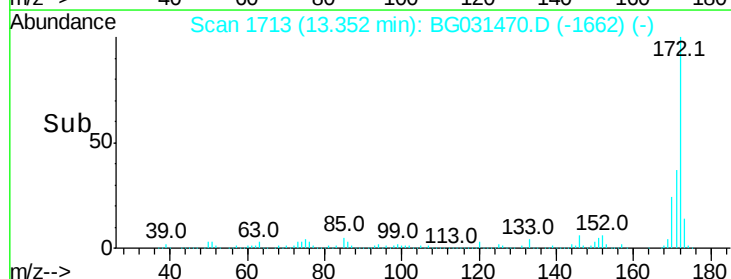
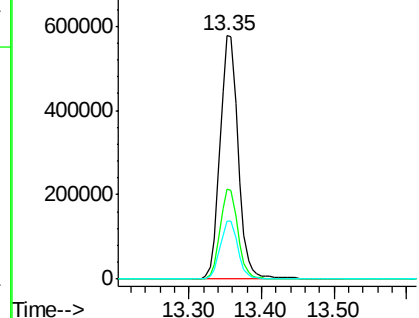


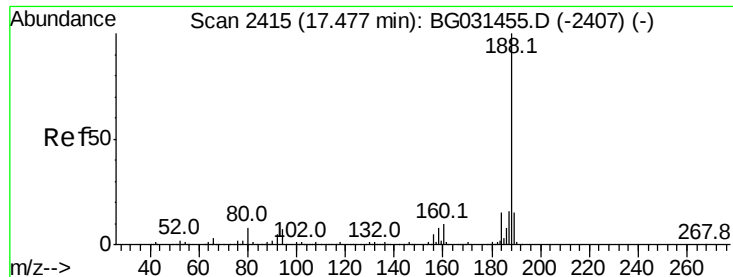
Abundance

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

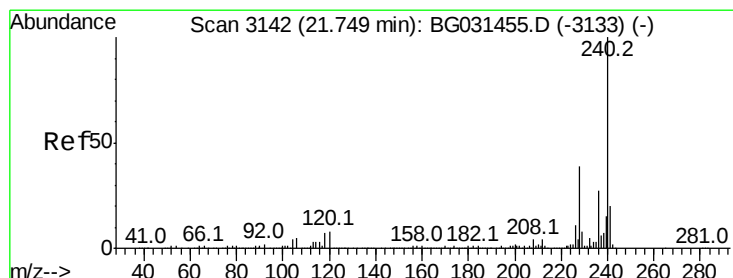
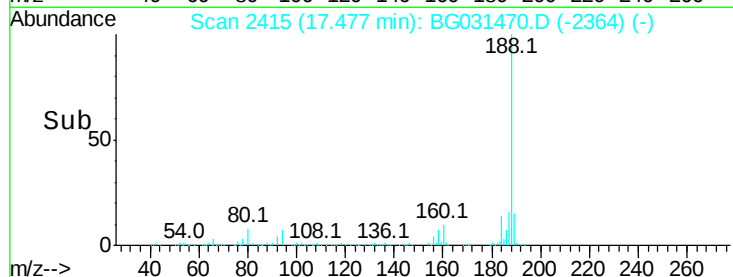
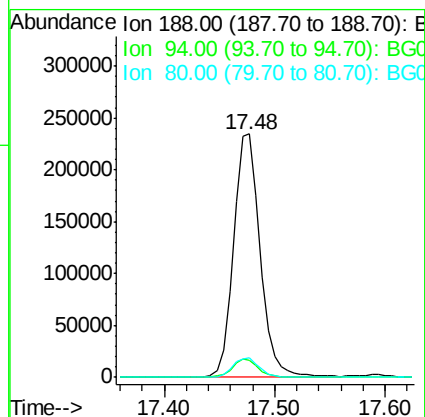
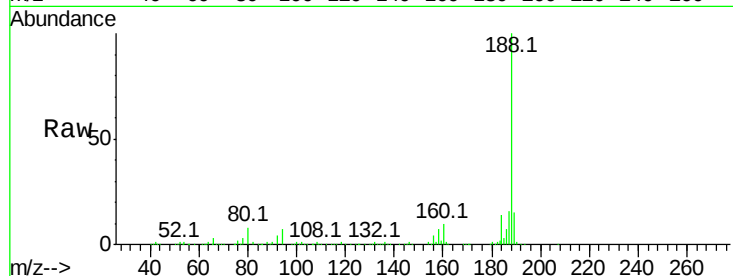




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031470.D
Acq: 12 Dec 2017 1:20

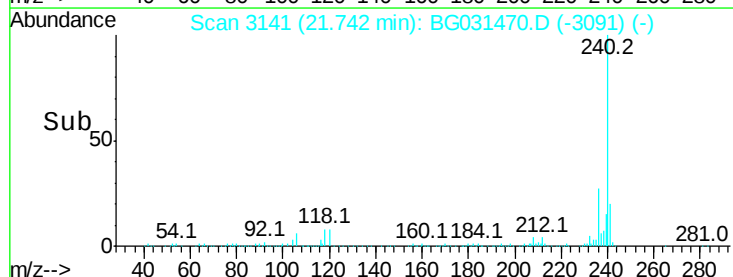
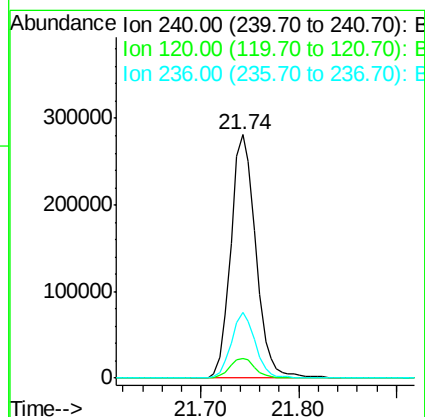
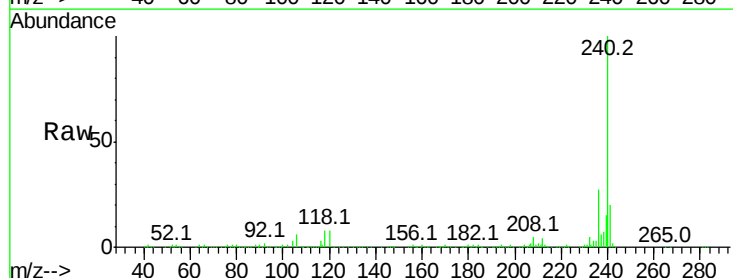
Instrument :
BNA_G
ClientSampleId :
120417-TIDO-F-D-S

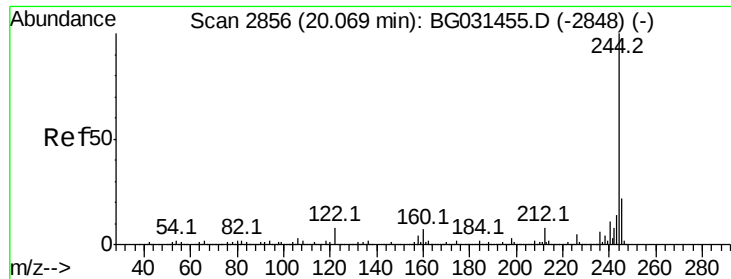
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	8.2	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031470.D
Acq: 12 Dec 2017 1:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.8	10.2
236	27.2	20.9	31.3





#78

Terphenyl-d14

Concen: 86.427 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

Instrument :

BNA_G

ClientSampleId :

120417-TIDO-F-D-S

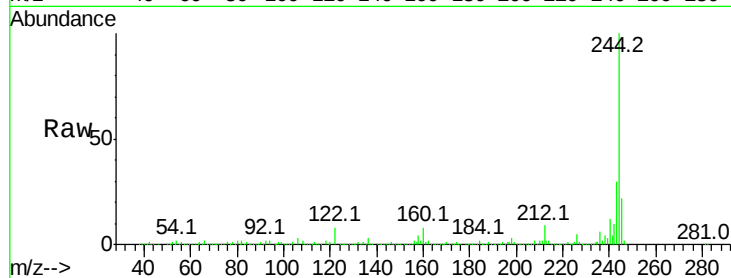
Tot Ion:244 Resp: 1897097

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

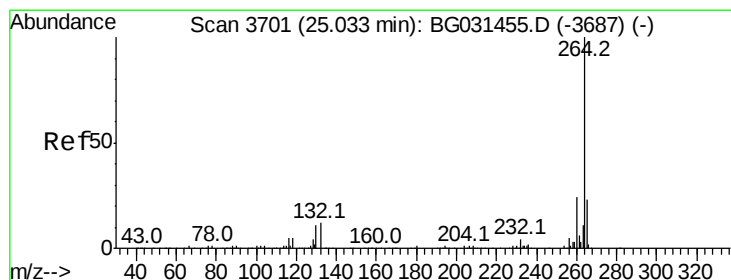
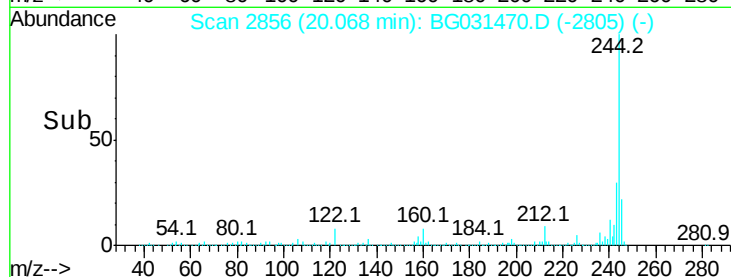
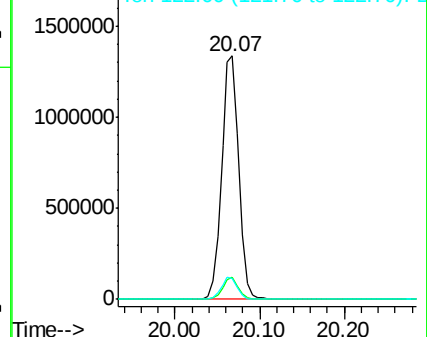
122 8.4 7.0 10.4



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: 25.03 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

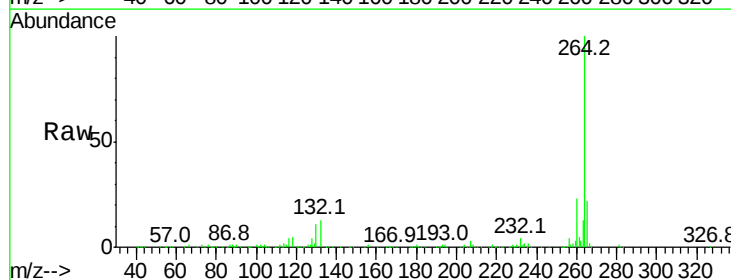
Tgt Ion:264 Resp: 472827

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 22.1 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

