

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031472.D
 Acq On : 12 Dec 2017 2:35
 Operator : SJ/JU
 Sample : I6762-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Dec 12 05:44:24 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	50613	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	212854	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	146337	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	421865	20.00	ng	0.00
75) Chrysene-d12	21.74	240	517786	20.00	ng	0.00
86) Perylene-d12	25.02	264	483649	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	138138	48.38	ng	0.00
7) Phenol-d6	7.28	99	112110	28.28	ng	0.00
23) Nitrobenzene-d5	9.28	82	335219	97.07	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	184852	107.82	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	978725	98.17	ng	0.00
78) Terphenyl-d14	20.06	244	1911839	84.01	ng	0.00

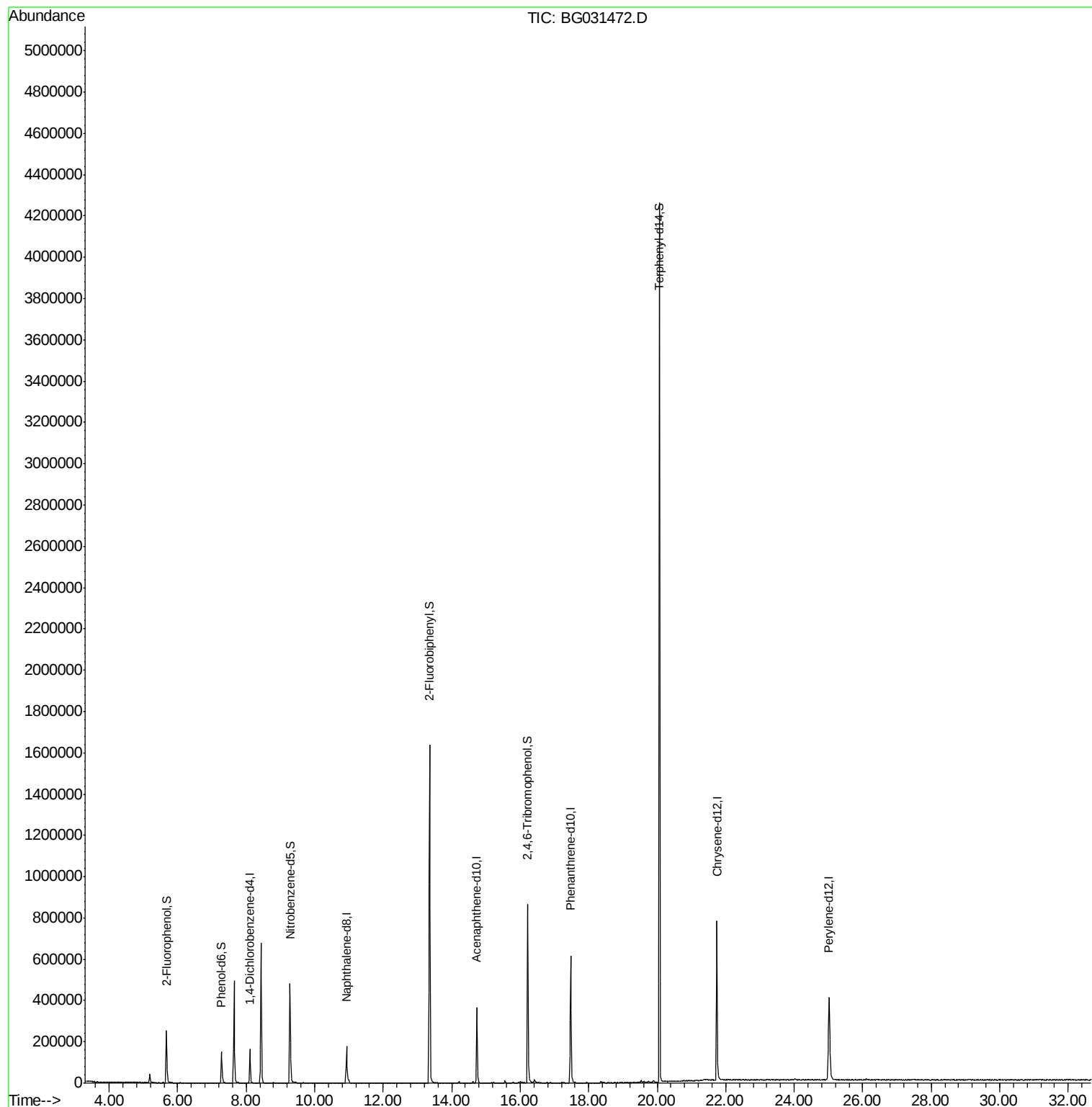
Target Compounds Qvalue

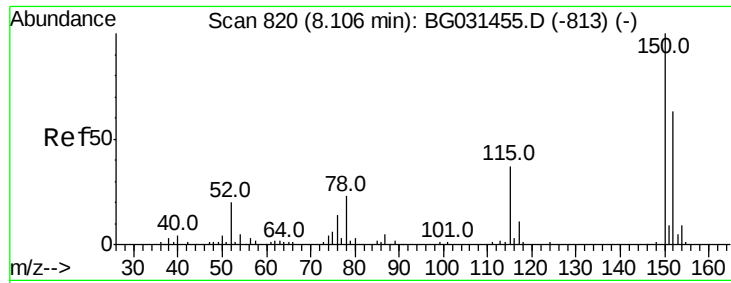
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
Data File : BG031472.D
Acq On : 12 Dec 2017 2:35
Operator : SJ/JU
Sample : I6762-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Dec 12 05:44:24 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



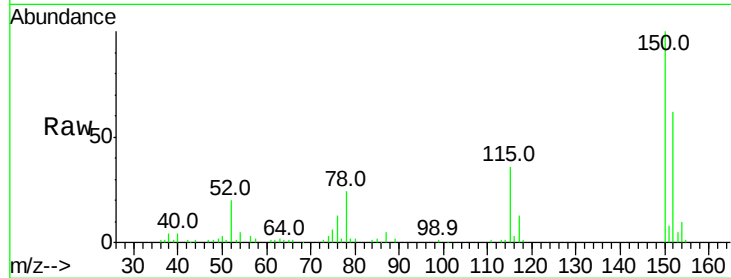


#1

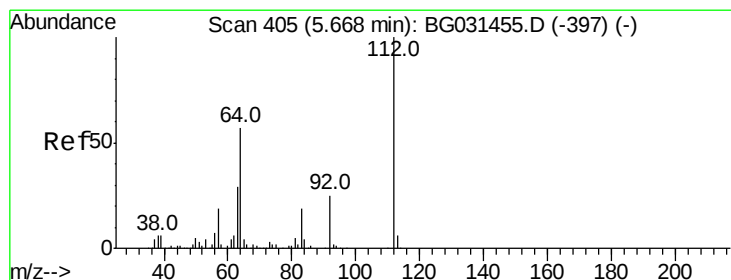
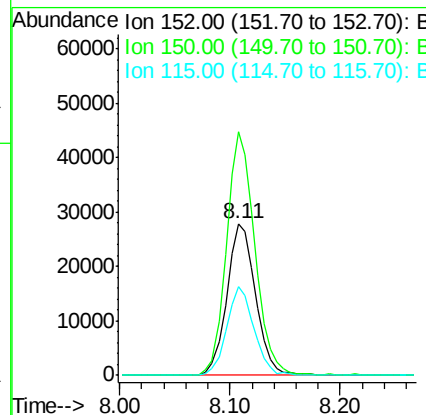
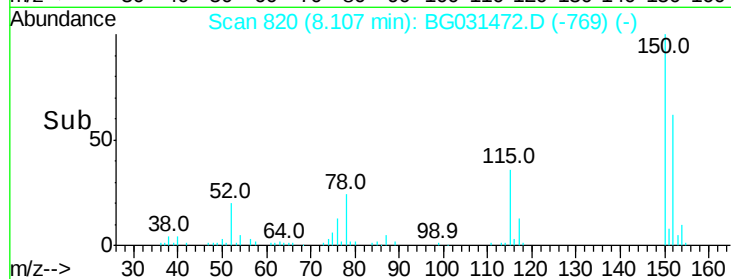
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031472.D
Acq: 12 Dec 2017 2:35

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.6	189.8
115	58.3	53.0	79.4



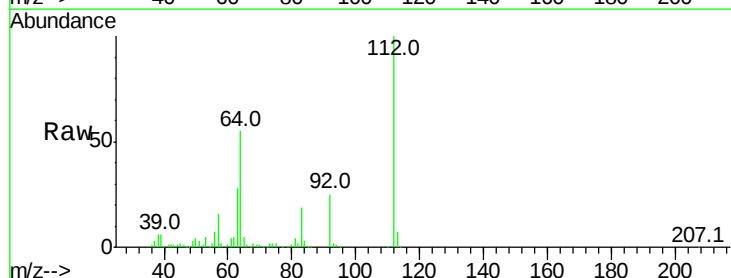
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



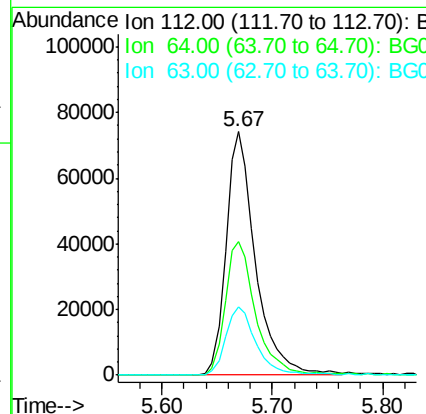
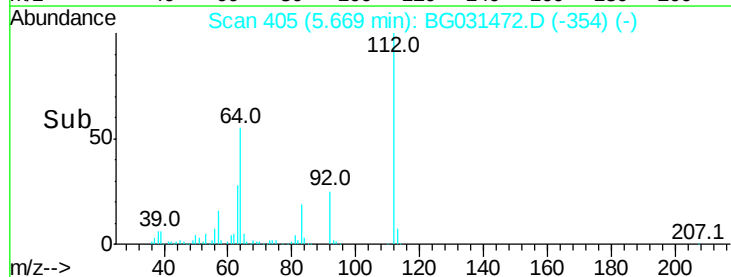
#5

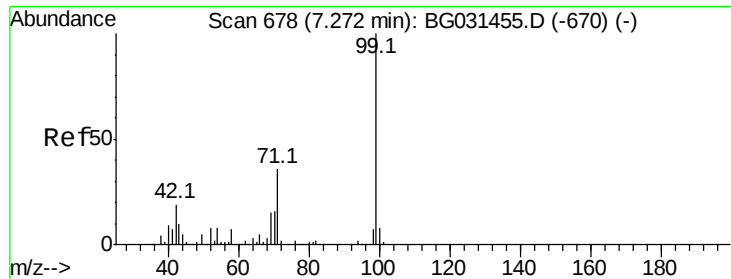
2-Fluorophenol
Concen: 48.377 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031472.D
Acq: 12 Dec 2017 2:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	56.3	84.5#
63	27.9	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: 28.282 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

Instrument :

BNA_G

ClientSampleId :

120417-TIDO-F-U-S

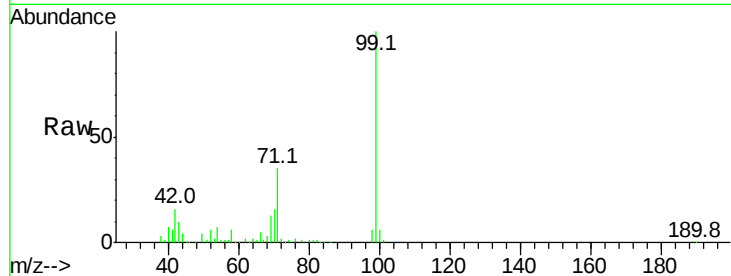
Tot Ion: 99 Resp: 112110

Ion Ratio Lower Upper

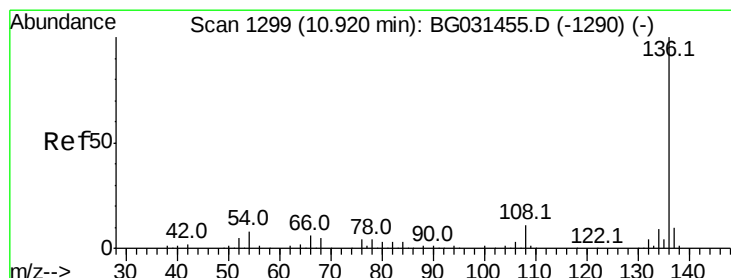
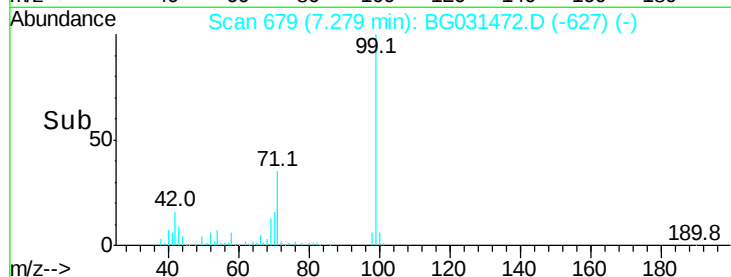
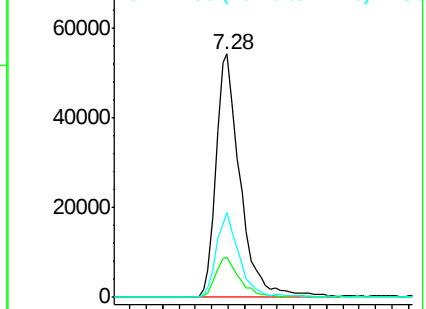
99 100

42 16.4 14.1 21.1

71 34.6 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: BG031472.D

Acq: 12 Dec 2017 2:35

Tgt Ion: 136 Resp: 212854

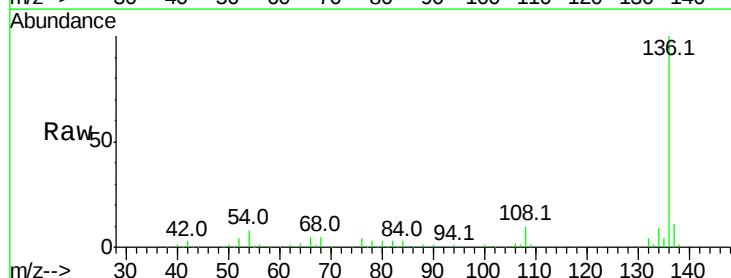
Ion Ratio Lower Upper

136 100

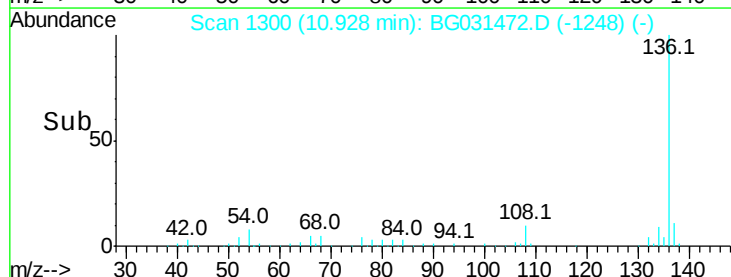
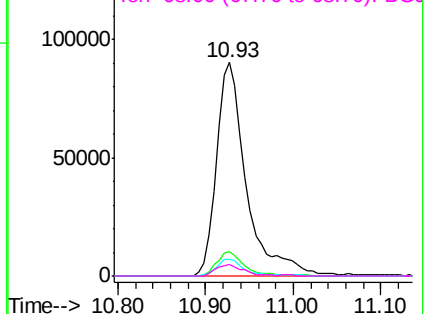
137 11.3 9.2 13.8

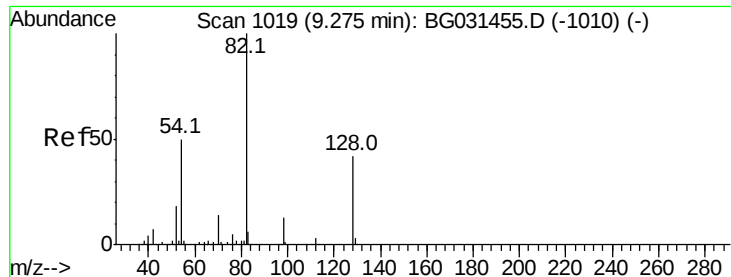
54 8.0 10.3 15.5#

68 5.2 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: 97.070 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

Instrument :

BNA_G

ClientSampleId :

120417-TIDO-F-U-S

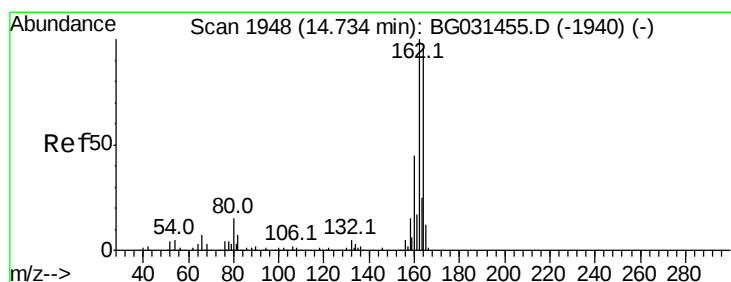
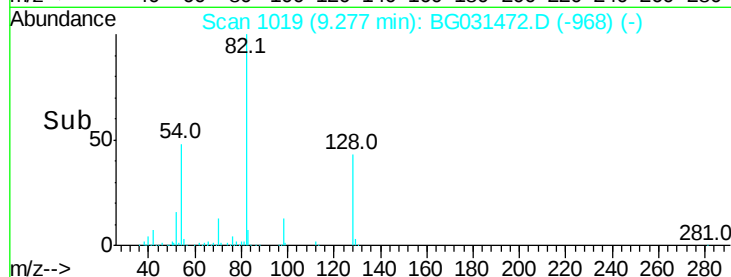
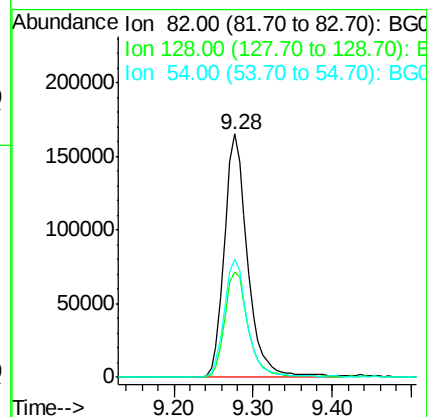
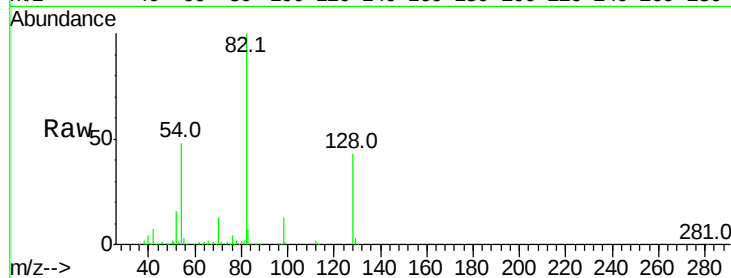
Tot Ion: 82 Resp: 335219

Ion Ratio Lower Upper

82 100

128 43.0 29.7 44.5

54 48.5 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

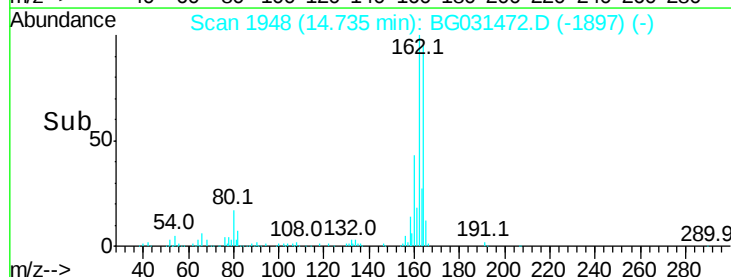
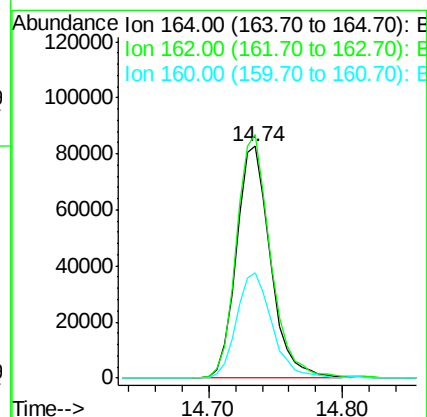
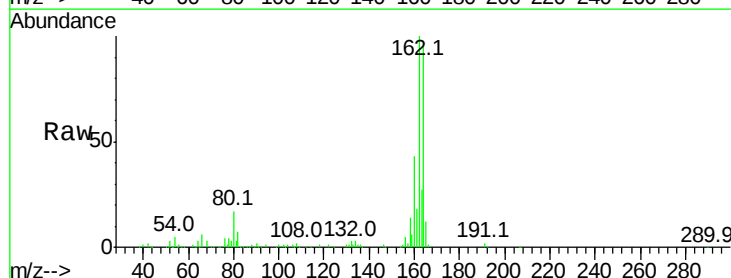
Tgt Ion: 164 Resp: 146337

Ion Ratio Lower Upper

164 100

162 104.9 78.8 118.2

160 45.6 35.4 53.0

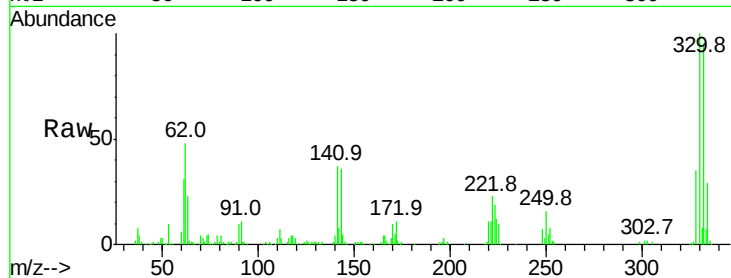




#41
 2,4,6-Tribromophenol
 Concen: 107.823 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG031472.D
 Acq: 12 Dec 2017 2:35

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	36.9	25.2	37.8

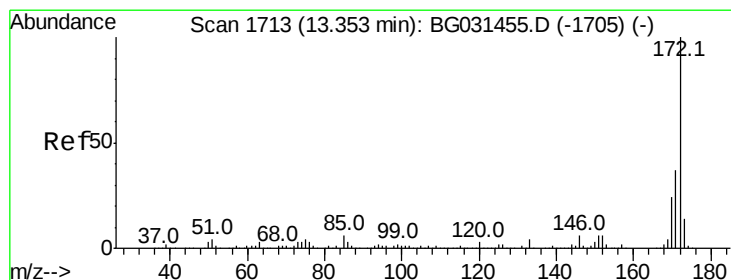
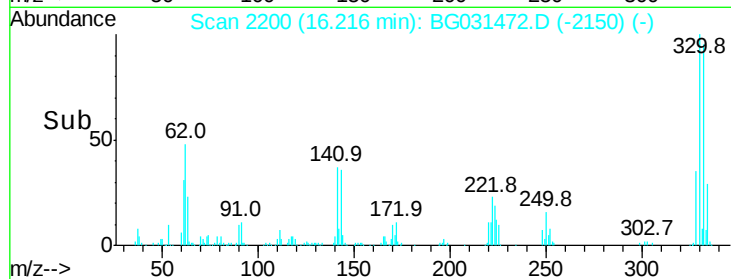
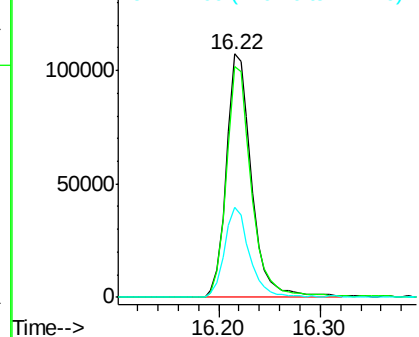


Abundance

Ion 329.80 (329.50 to 330.50): E

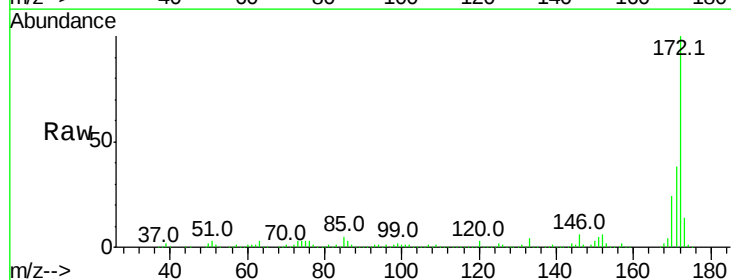
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.173 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031472.D
 Acq: 12 Dec 2017 2:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.0	19.5	29.3

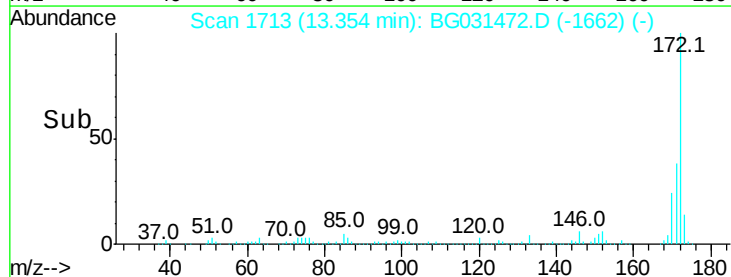
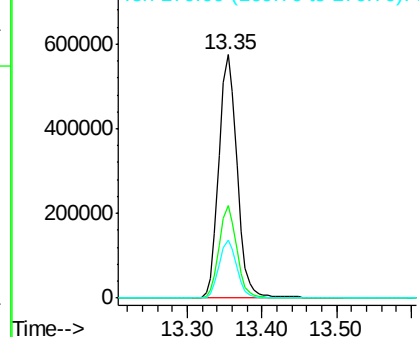


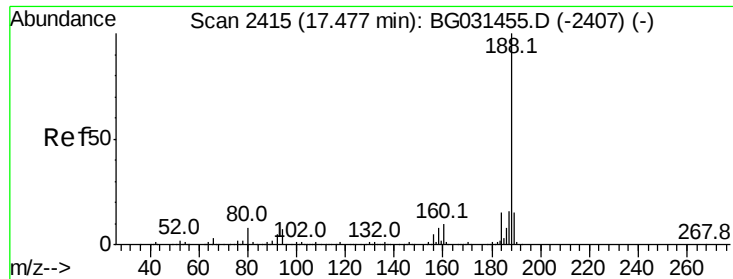
Abundance

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

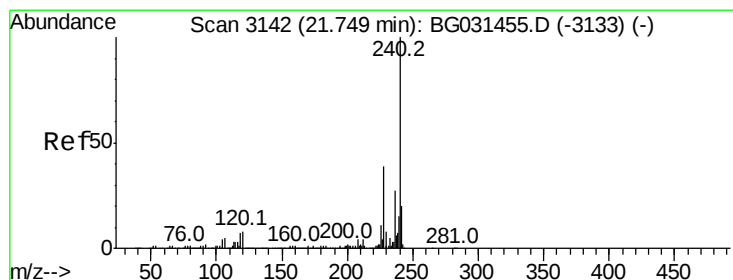
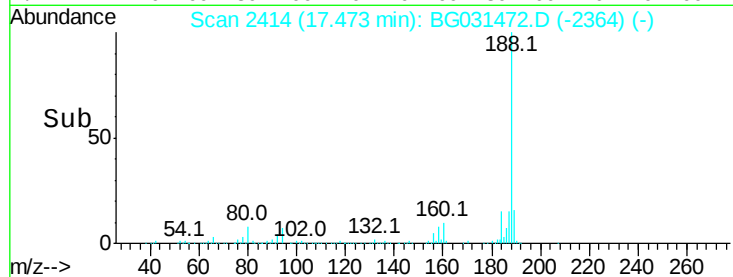
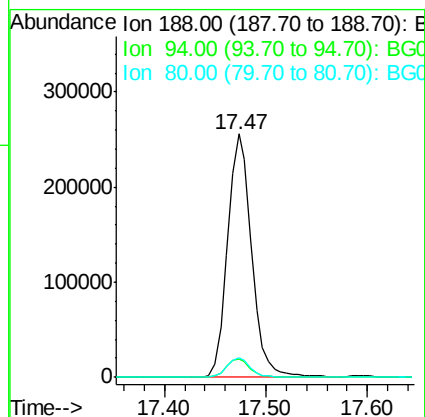
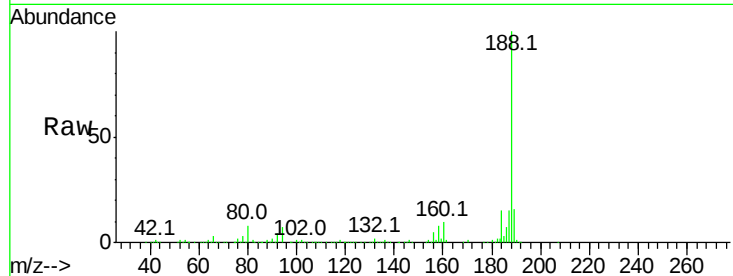




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG031472.D
Acq: 12 Dec 2017 2:35

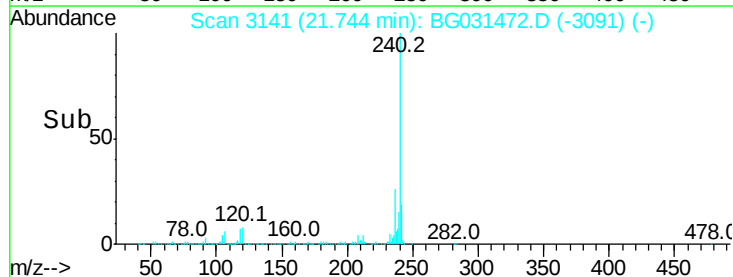
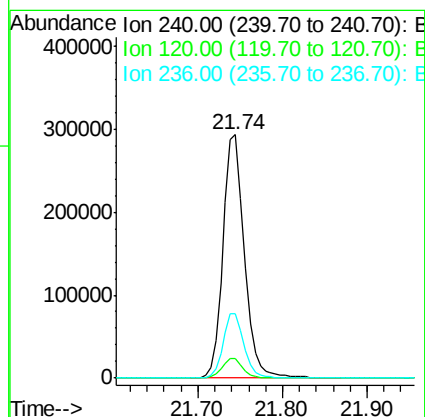
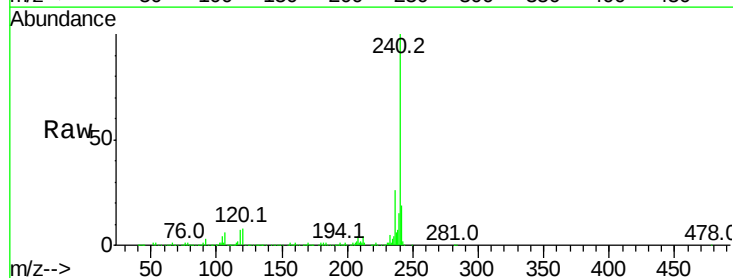
Instrument :
BNA_G
ClientSampleId :
120417-TIDO-F-U-S

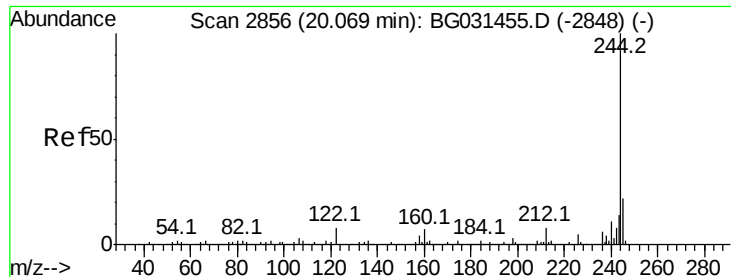
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.2	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG031472.D
Acq: 12 Dec 2017 2:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.8	10.2
236	26.5	20.9	31.3





#78

Terphenyl-d14

Concen: 84.007 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

Instrument :

BNA_G

ClientSampleId :

120417-TIDO-F-U-S

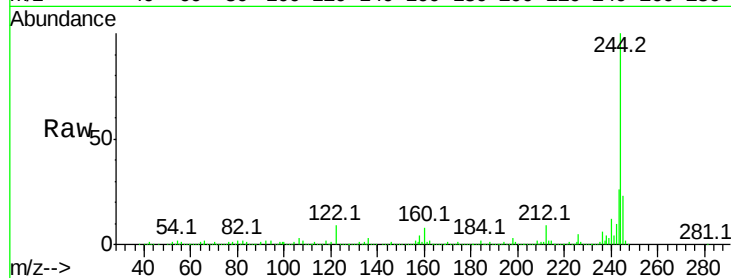
Tot Ion:244 Resp: 1911839

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

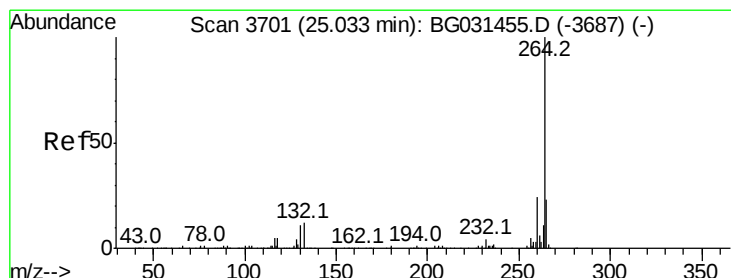
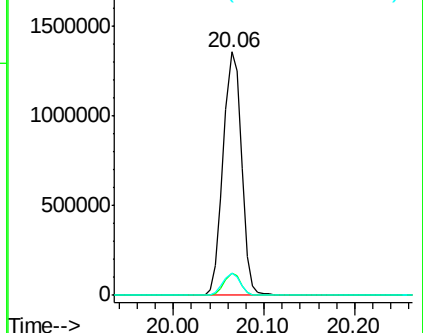
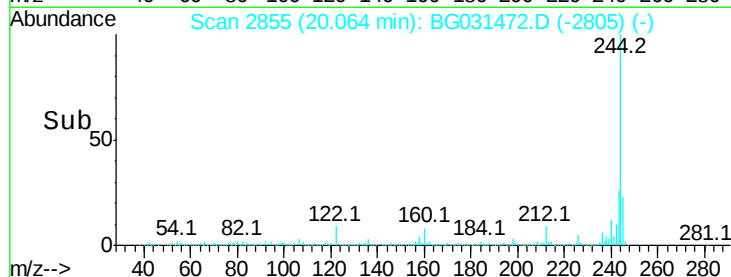
122 9.2 7.0 10.4



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: 25.02 min Scan# 3698

Delta R.T. -0.02 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

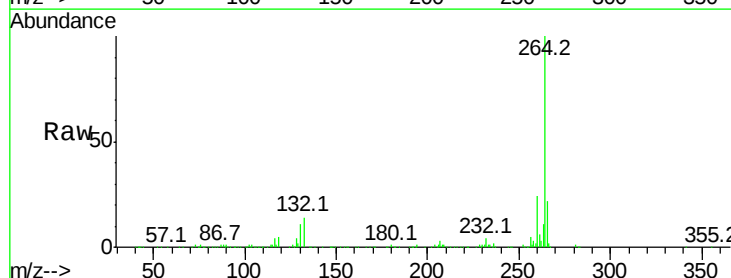
Tgt Ion:264 Resp: 483649

Ion Ratio Lower Upper

264 100

260 23.7 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

