

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031518.D
 Acq On : 13 Dec 2017 8:03
 Operator : SJ/JU
 Sample : I6763-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120517-TIDO-F-U-S

Quant Time: Dec 13 08:38:25 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	54724	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	228123	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	158557	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	430955	20.00	ng	0.00
75) Chrysene-d12	21.75	240	565958	20.00	ng	0.00
86) Perylene-d12	25.03	264	553265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	153708	49.79	ng	0.00
7) Phenol-d6	7.28	99	128570	30.00	ng	0.00
23) Nitrobenzene-d5	9.28	82	348591	94.19	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	97970	52.74	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	1080968	100.07	ng	0.00
78) Terphenyl-d14	20.07	244	2039876	82.00	ng	0.00

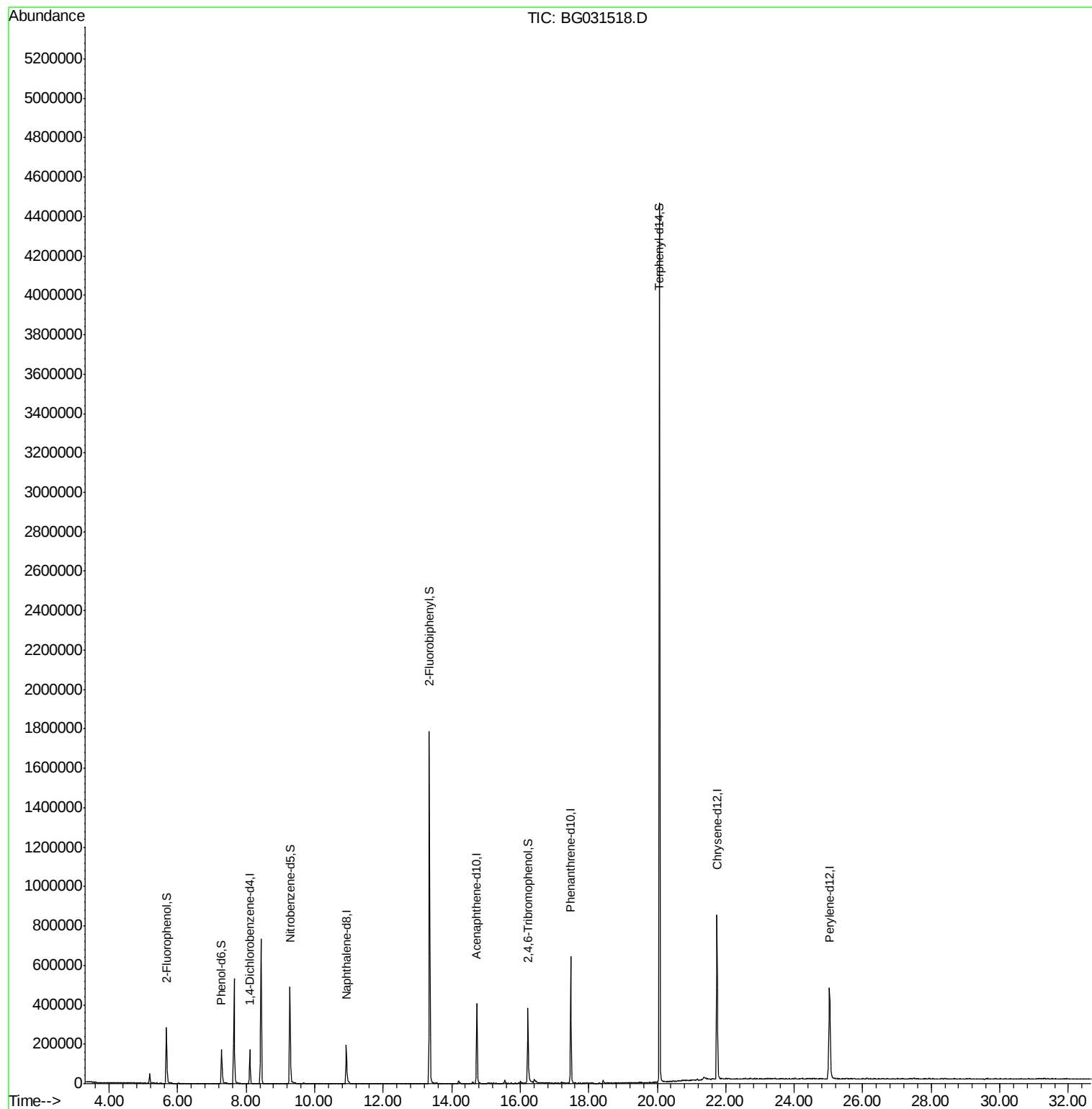
Target Compounds Qvalue

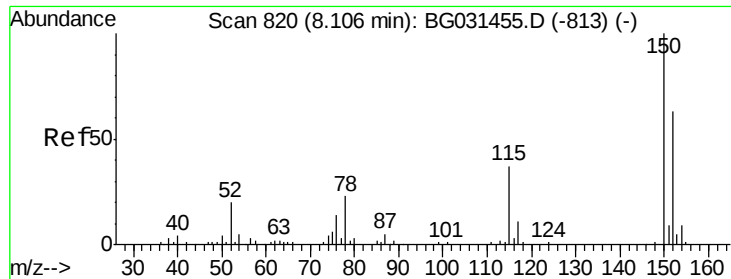
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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120517-TIDO-F-U-S

Quant Time: Dec 13 08:38:25 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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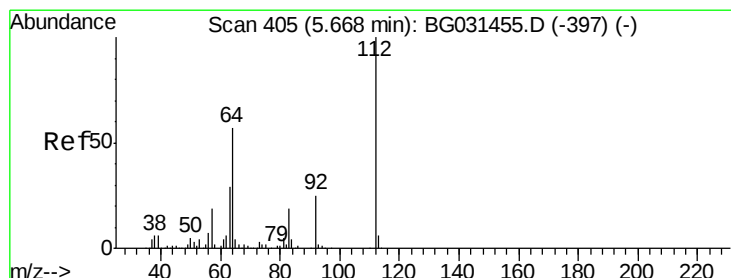
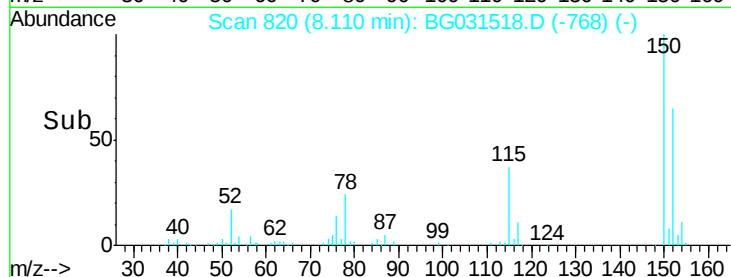
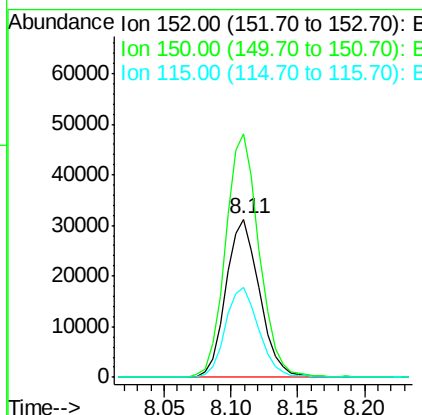
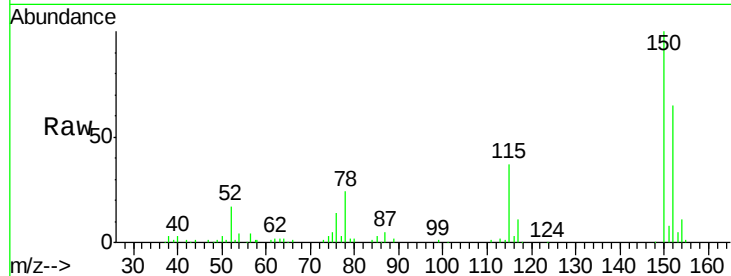




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BG031518.D
 Acq: 13 Dec 2017 8:03

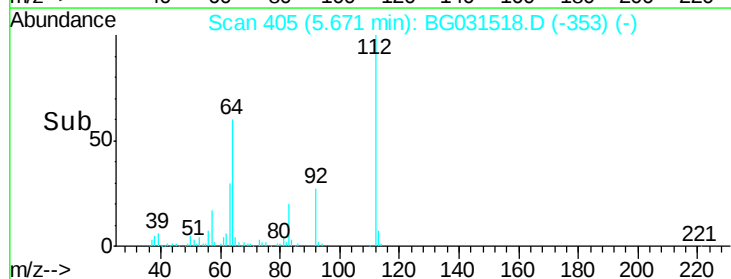
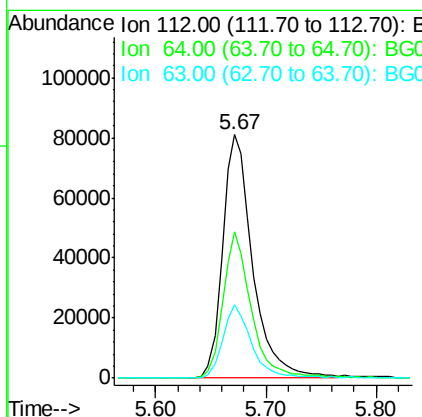
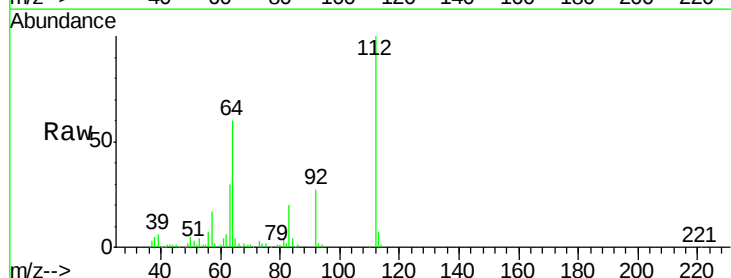
Instrument :
 BNA_G
 ClientSampleId :
 120517-TIDO-F-U-S

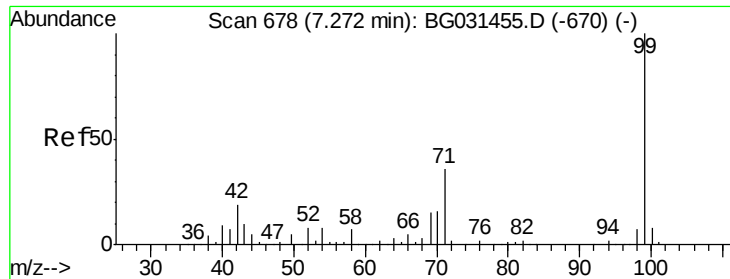
Tot Ion:152 Resp: 54724
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.6 189.8
 115 56.7 53.0 79.4



#5
 2-Fluorophenol
 Concen: 49.79 ng
 RT: 5.67 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BG031518.D
 Acq: 13 Dec 2017 8:03

Tgt Ion:112 Resp: 153708
 Ion Ratio Lower Upper
 112 100
 64 60.0 56.3 84.5
 63 30.0 30.1 45.1#





#7

Phenol-d6

Concen: 30.00 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031518.D

Acq: 13 Dec 2017 8:03

Instrument :

BNA_G

ClientSampleId :

120517-TIDO-F-U-S

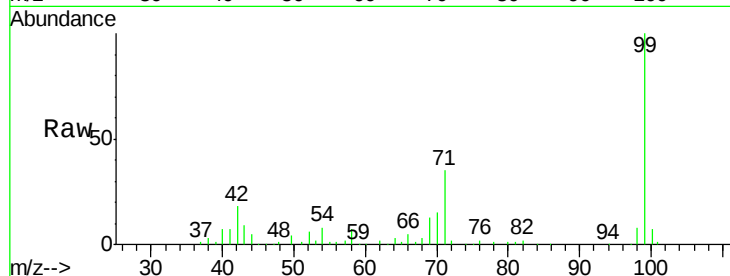
Tot Ion: 99 Resp: 128570

Ion Ratio Lower Upper

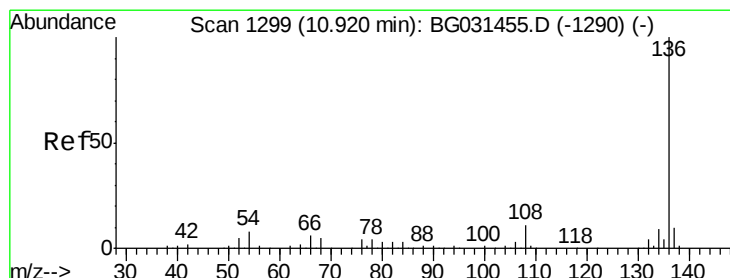
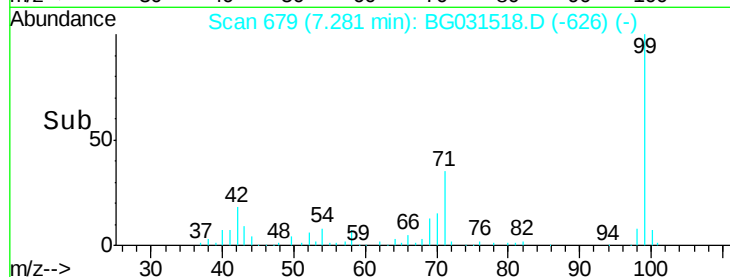
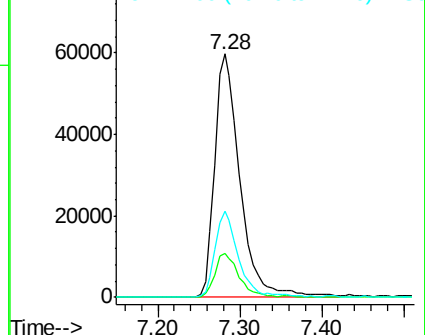
99 100

42 18.3 14.1 21.1

71 35.1 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: 20.00 ng

RT: 10.92 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG031518.D

Acq: 13 Dec 2017 8:03

Tgt Ion: 136 Resp: 228123

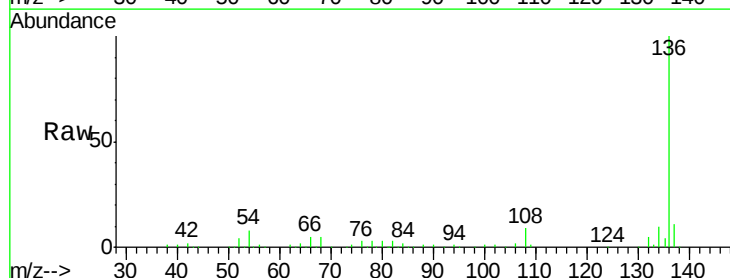
Ion Ratio Lower Upper

136 100

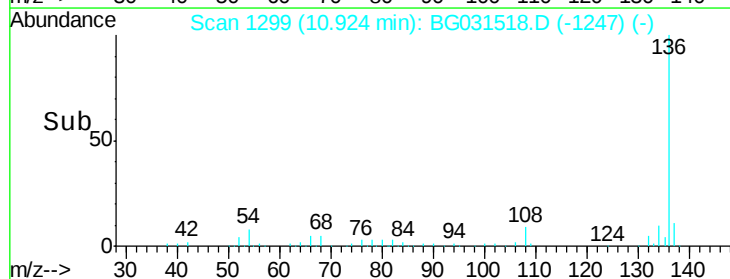
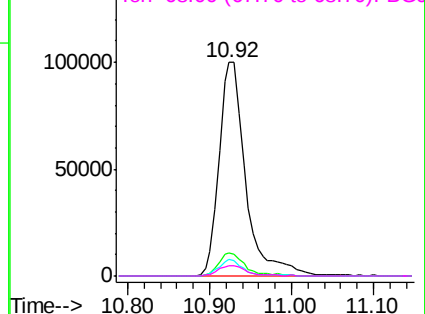
137 10.6 9.2 13.8

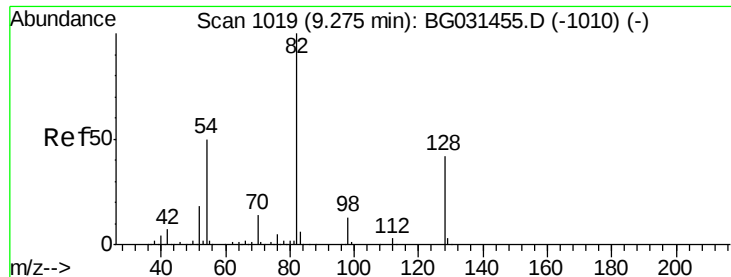
54 7.9 10.3 15.5#

68 4.9 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

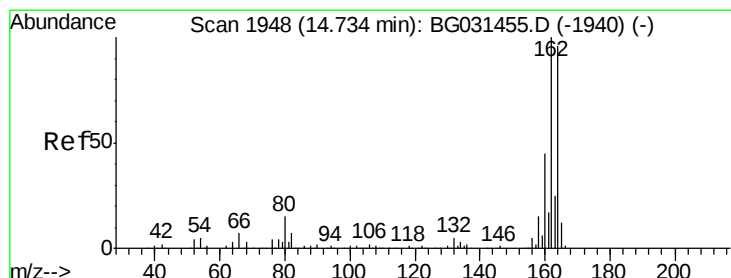
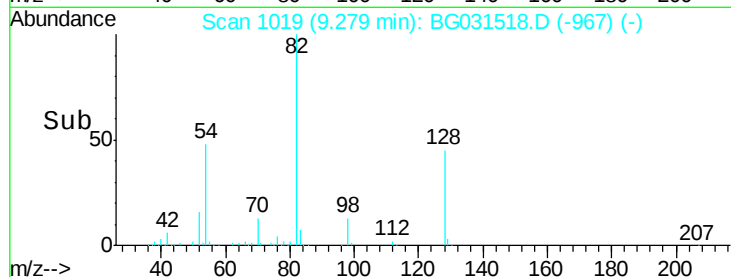
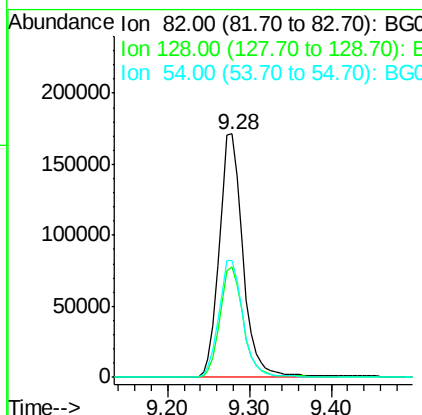
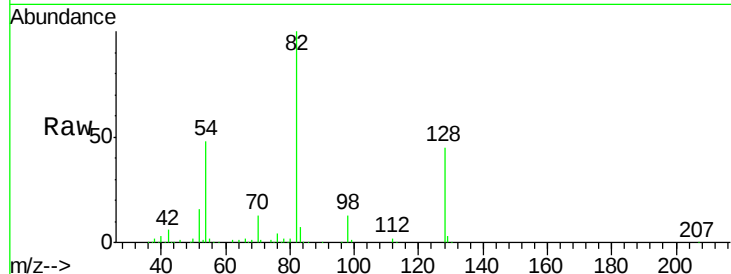




#23
Nitrobenzene-d5
Concen: 94.19 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG031518.D
Acq: 13 Dec 2017 8:03

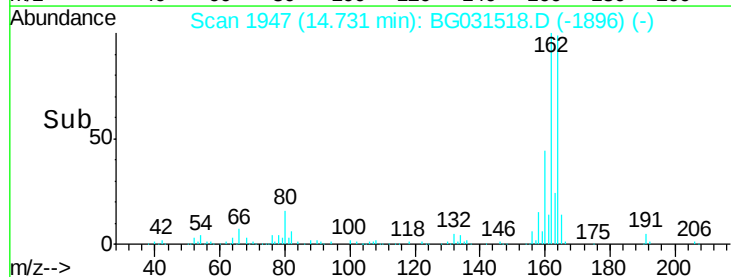
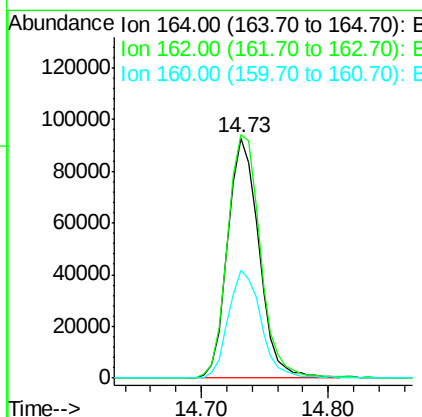
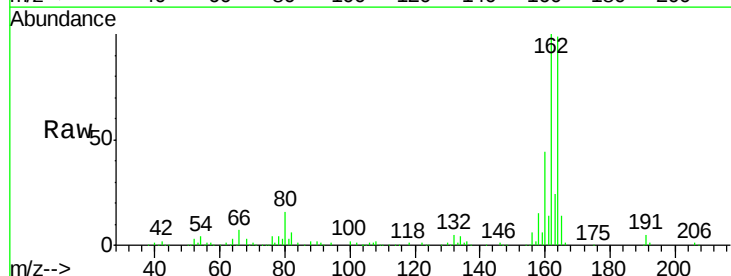
Instrument :
BNA_G
ClientSampleId :
120517-TIDO-F-U-S

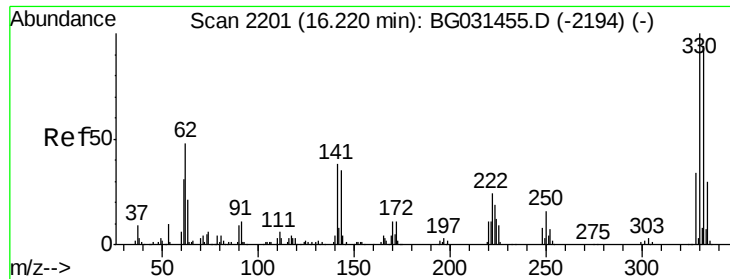
Tot Ion	82	Resp	348591
Ion Ratio	100	Lower	Upper
128	45.1	29.7	44.5#
54	48.0	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG031518.D
Acq: 13 Dec 2017 8:03

Tgt Ion	164	Resp	158557
Ion Ratio	100	Lower	Upper
162	101.3	78.8	118.2
160	44.7	35.4	53.0

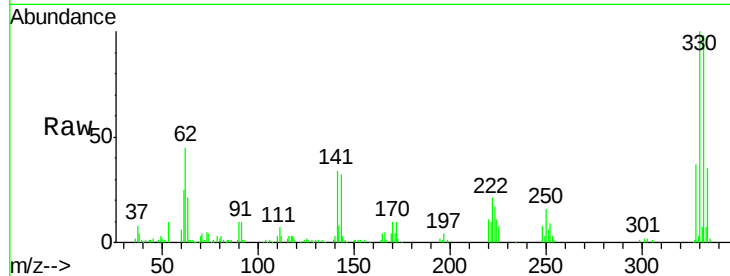




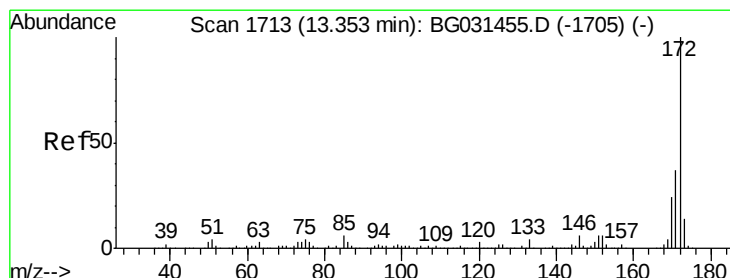
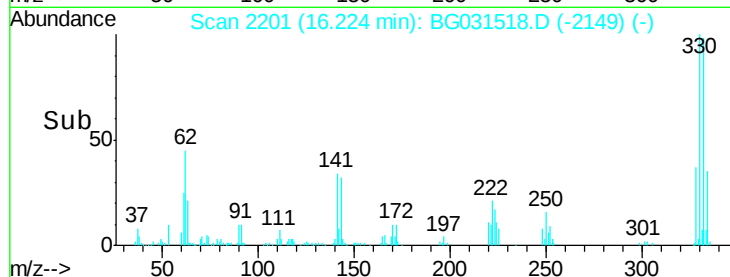
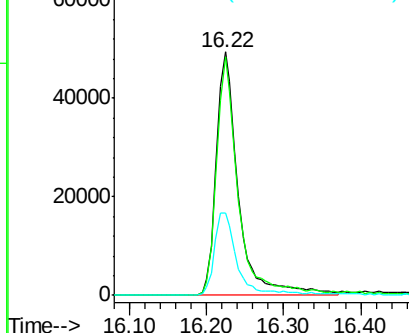
#41
 2,4,6-Tribromophenol
 Concen: 52.74 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG031518.D
 Acq: 13 Dec 2017 8:03

Instrument :
 BNA_G
 ClientSampleId :
 120517-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	34.3	25.2	37.8

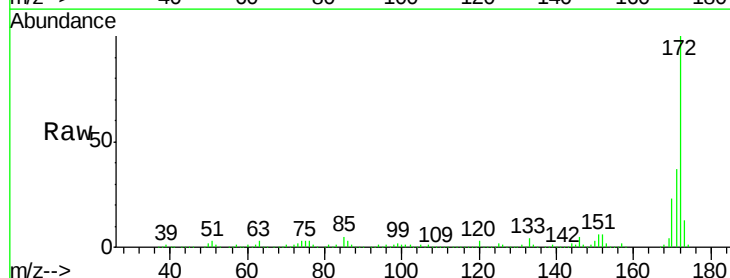


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

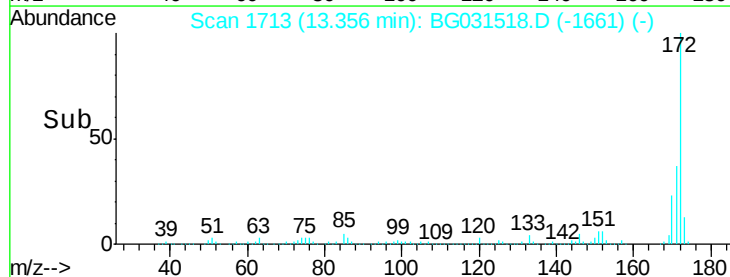
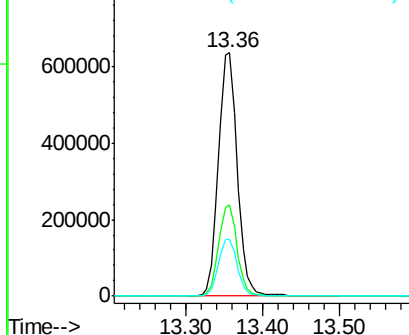


#44
 2-Fluorobiphenyl
 Concen: 100.07 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031518.D
 Acq: 13 Dec 2017 8:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	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: 20.00 ng

RT: 17.48 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG031518.D

Acq: 13 Dec 2017 8:03

Instrument :

BNA_G

ClientSampleId :

120517-TIDO-F-U-S

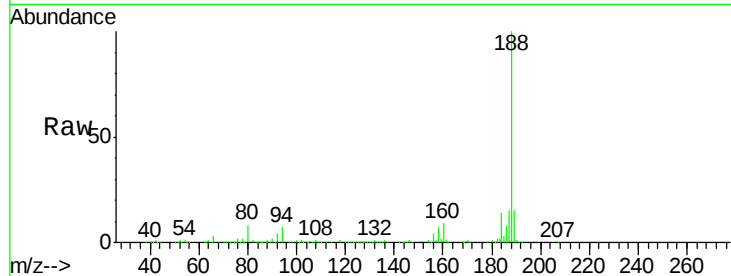
Tot Ion:188 Resp: 430955

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

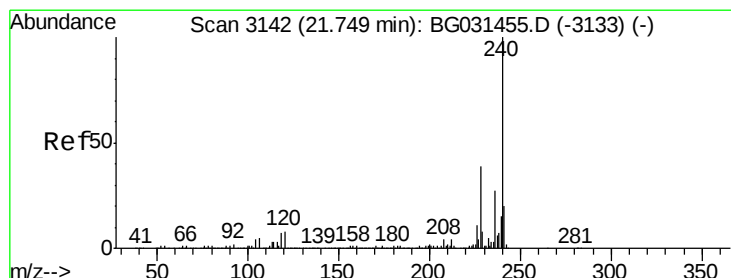
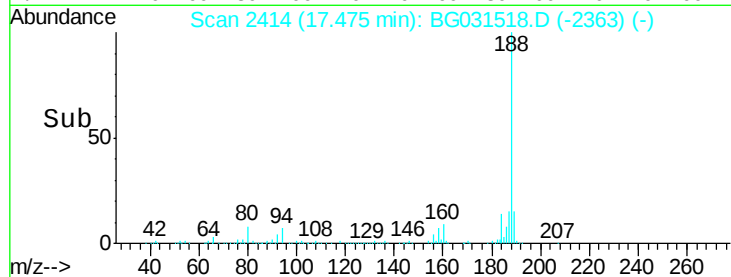
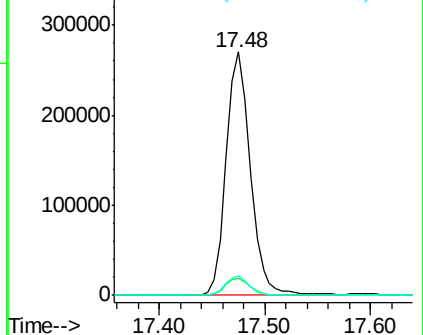
80 8.0 7.7 11.5



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: 20.00 ng

RT: 21.75 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG031518.D

Acq: 13 Dec 2017 8:03

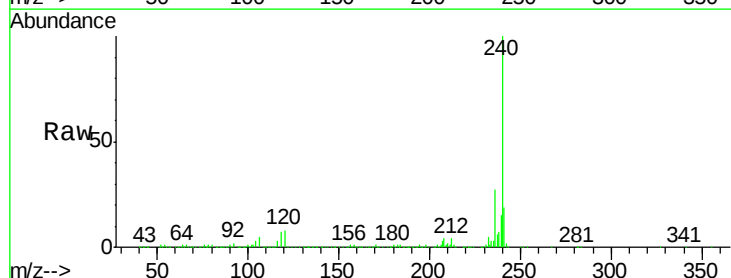
Tgt Ion:240 Resp: 565958

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

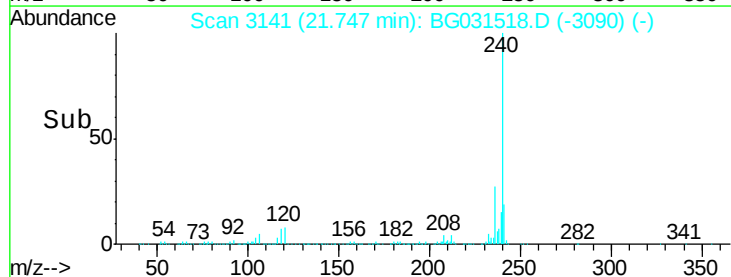
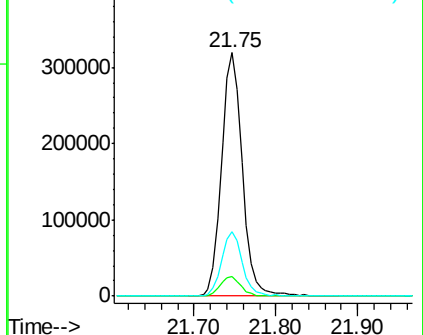
236 26.6 20.9 31.3

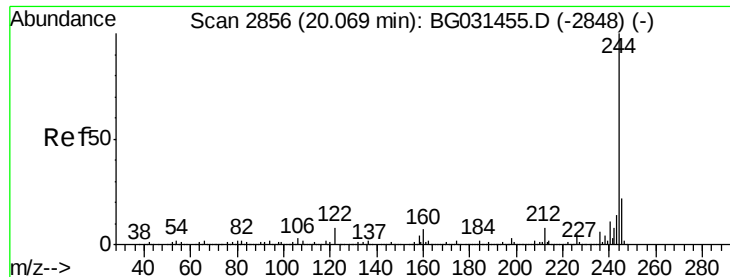


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.00 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG031518.D

Acq: 13 Dec 2017 8:03

Instrument :

BNA_G

ClientSampleId :

120517-TIDO-F-U-S

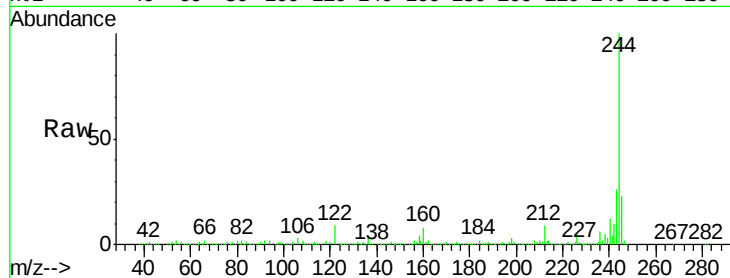
Tot Ion:244 Resp: 2039876

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

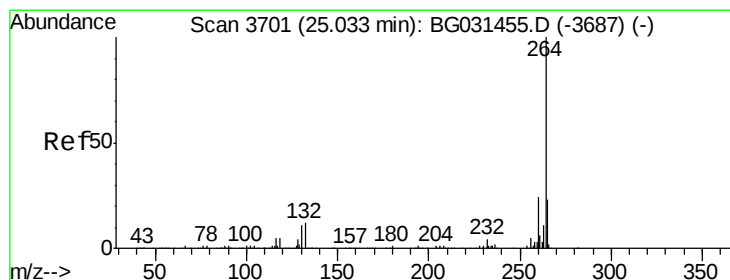
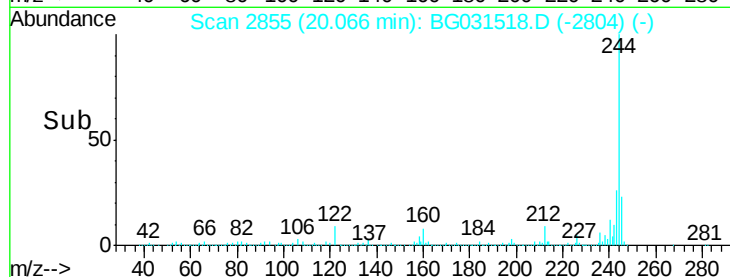
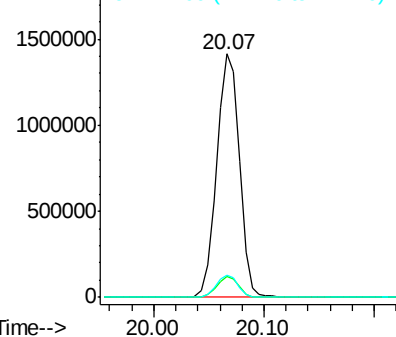
122 9.2 7.0 10.4



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: 20.00 ng

RT: 25.03 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BG031518.D

Acq: 13 Dec 2017 8:03

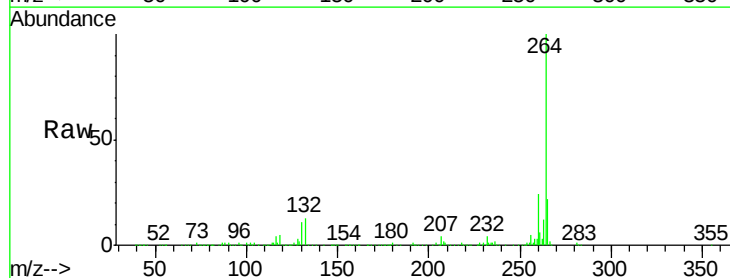
Tgt Ion:264 Resp: 553265

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 22.3 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

