

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031613.D
 Acq On : 16 Dec 2017 6:51
 Operator : SJ/JU
 Sample : I6880-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120817-TIDO-F-U-S

Quant Time: Dec 18 03:26:47 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

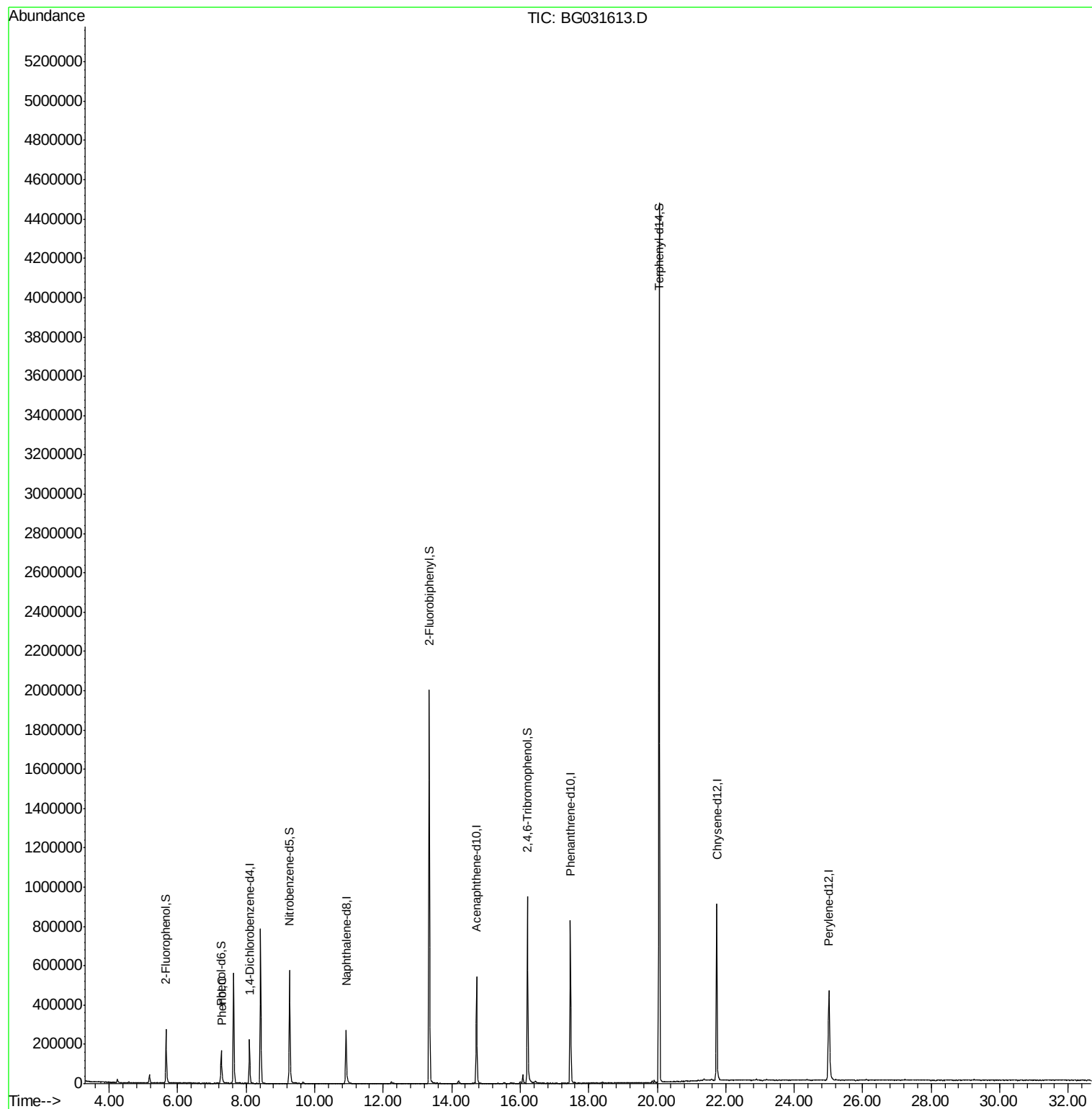
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	70964	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	307908	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	212813	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	564721	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	642342	20.00	ng	-0.01
86) Perylene-d12	25.02	264	540015	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	154825	38.67	ng	0.00
7) Phenol-d6	7.27	99	125280	22.54	ng	0.00
23) Nitrobenzene-d5	9.27	82	395785	79.23	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	214401	85.99	ng	-0.01
44) 2-Fluorobiphenyl	13.34	172	1200348	82.79	ng	-0.01
78) Terphenyl-d14	20.06	244	2171631	76.92	ng	-0.01
Target Compounds						
10) Phenol	7.30	94	11801	2.067	ng	Qvalue 95

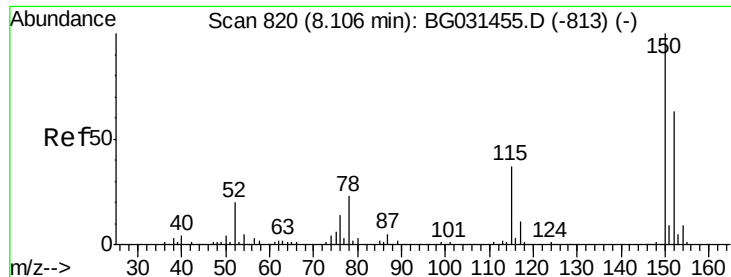
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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120817-TIDO-F-U-S

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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



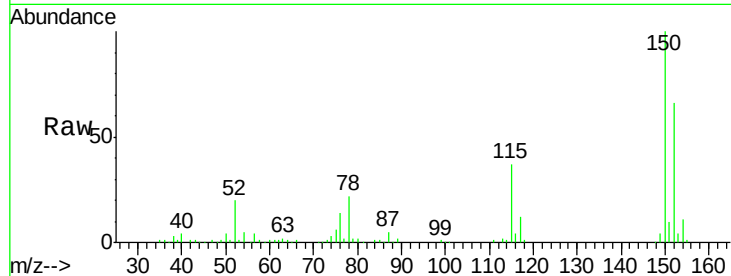


#1

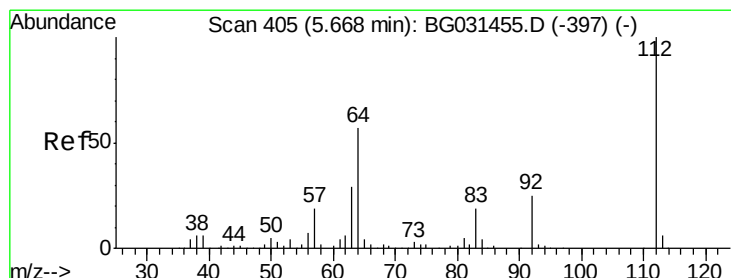
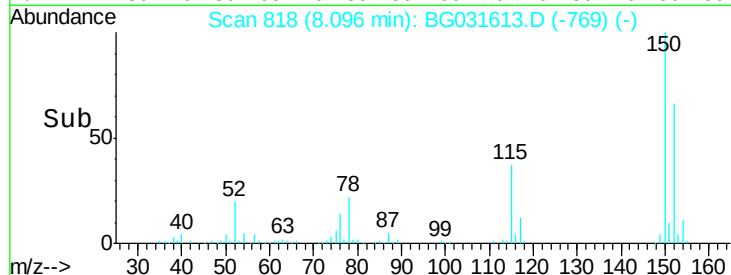
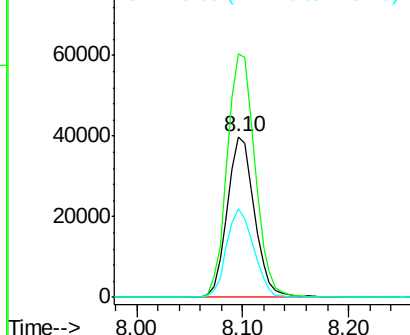
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031613.D
Acq: 16 Dec 2017 6:51

Instrument :
BNA_G
ClientSampleId :
120817-TIDO-F-U-S

Tgt Ion:152 Resp: 70964
Ion Ratio Lower Upper
152 100
150 151.3 126.6 189.8
115 55.3 53.0 79.4



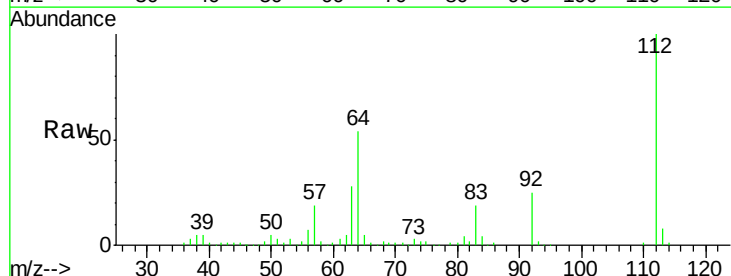
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



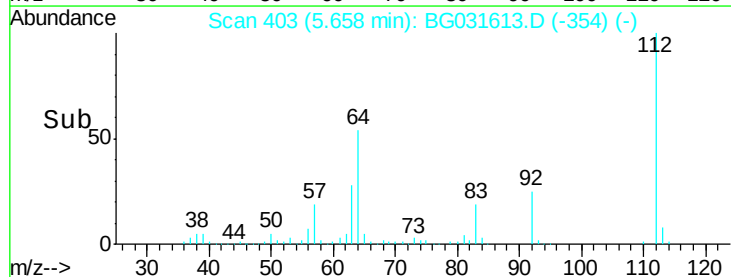
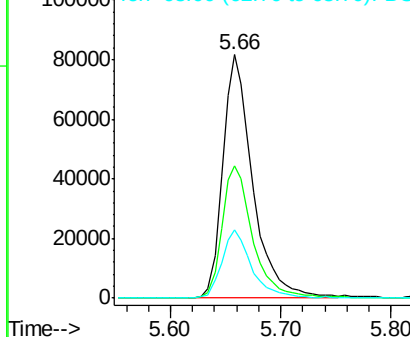
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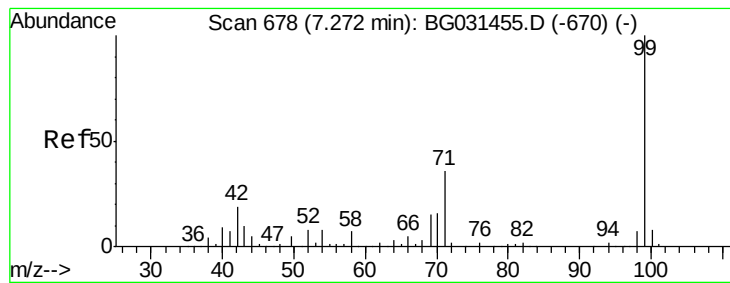
2-Fluorophenol
Concen: 38.672 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031613.D
Acq: 16 Dec 2017 6:51

Tgt Ion:112 Resp: 154825
Ion Ratio Lower Upper
112 100
64 54.2 56.3 84.5#
63 28.2 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: 22.541 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031613.D

Acq: 16 Dec 2017 6:51

Instrument :

BNA_G

ClientSampleId :

120817-TIDO-F-U-S

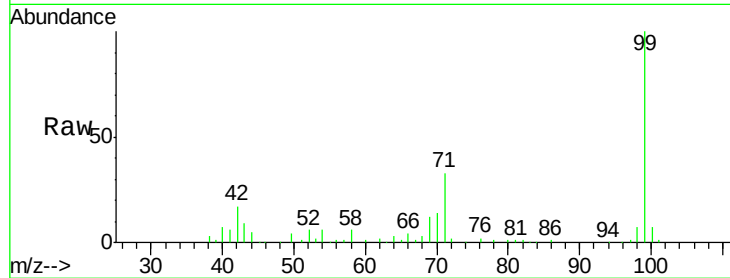
Tgt Ion: 99 Resp: 125280

Ion Ratio Lower Upper

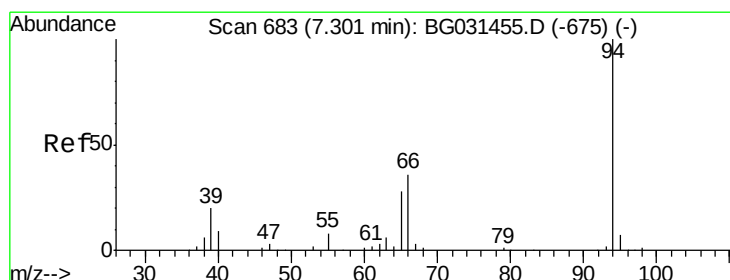
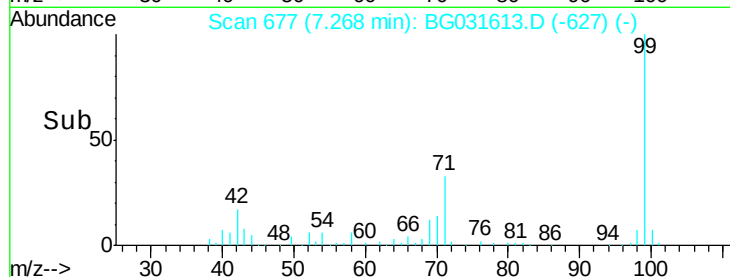
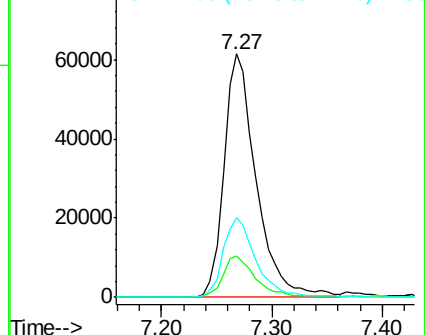
99 100

42 16.9 14.1 21.1

71 32.7 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



#10

Phenol

Concen: 2.067 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG031613.D

Acq: 16 Dec 2017 6:51

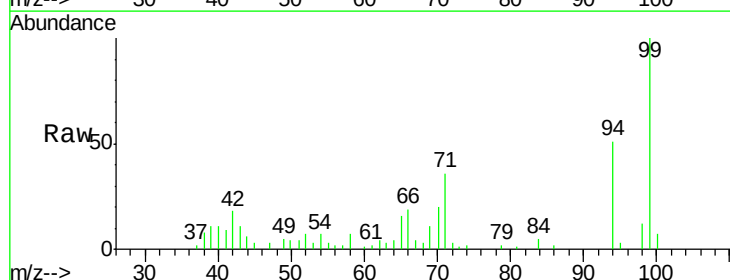
Tgt Ion: 94 Resp: 11801

Ion Ratio Lower Upper

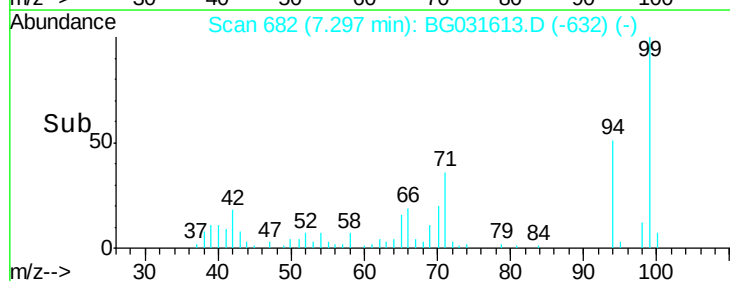
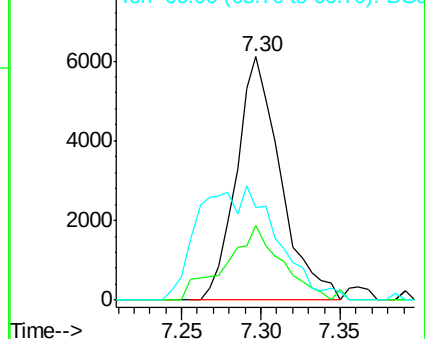
94 100

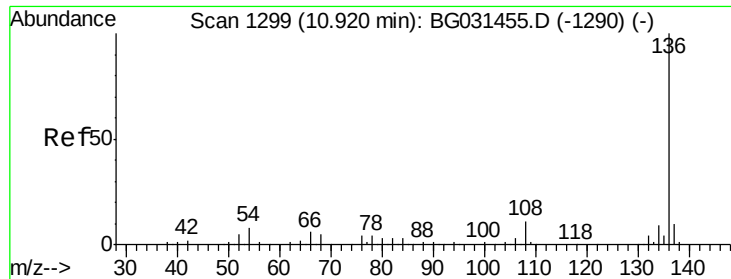
65 30.5 11.9 51.9

66 37.8 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

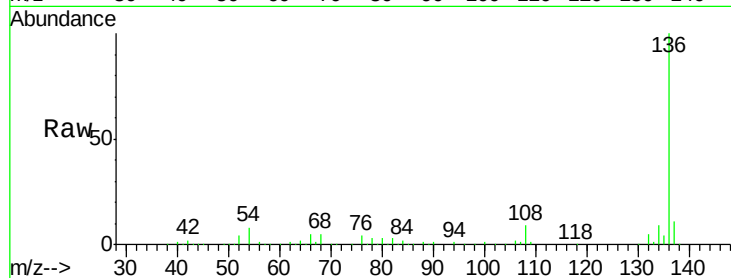




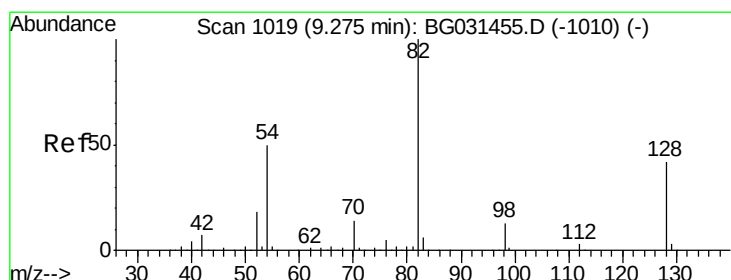
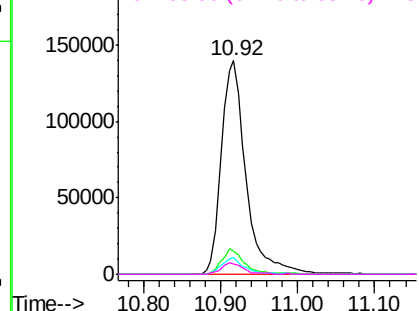
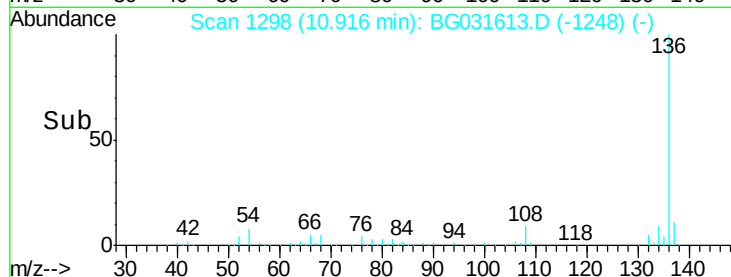
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG031613.D
Acq: 16 Dec 2017 6:51

Instrument :
BNA_G
ClientSampleId :
120817-TIDO-F-U-S

Tgt Ion: 136 Resp: 307908
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.5 10.3 15.5#
68 4.6 4.5 6.7

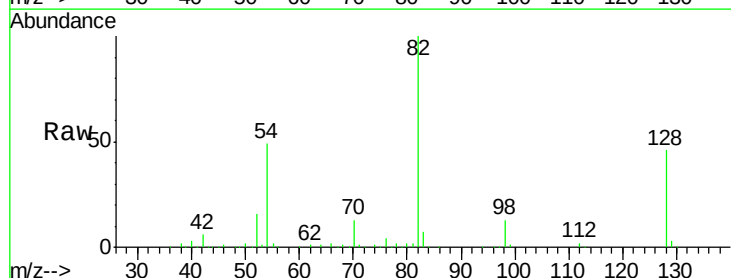


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

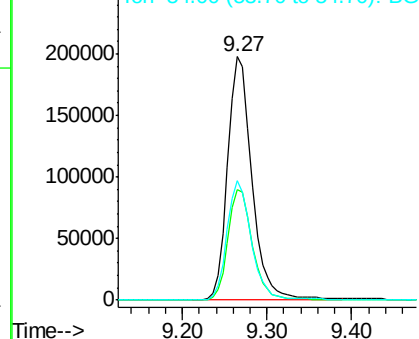
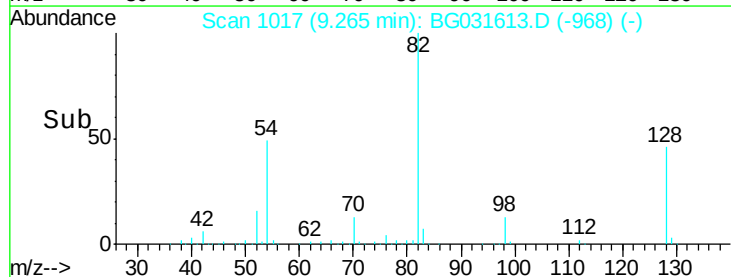


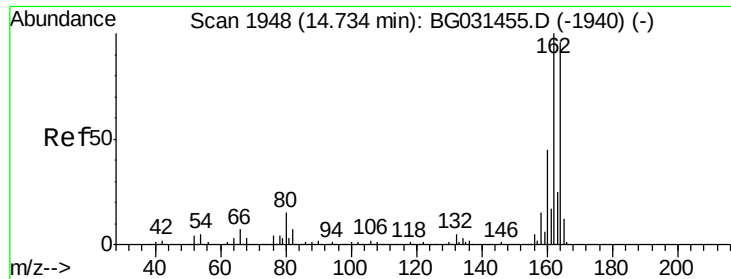
#23
Nitrobenzene-d5
Concen: 79.228 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031613.D
Acq: 16 Dec 2017 6:51

Tgt Ion: 82 Resp: 395785
Ion Ratio Lower Upper
82 100
128 45.6 29.7 44.5#
54 49.1 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

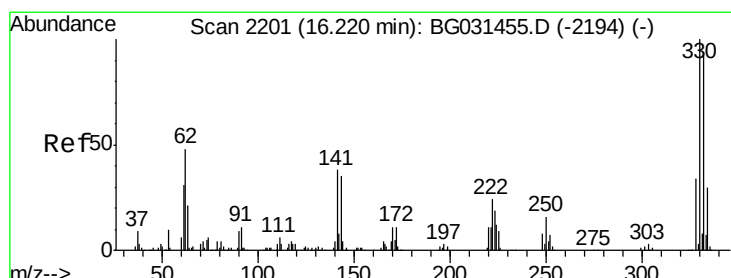
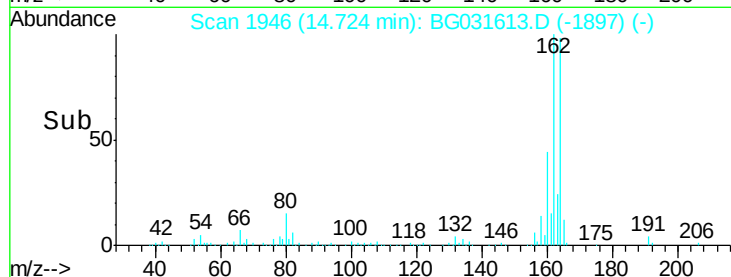
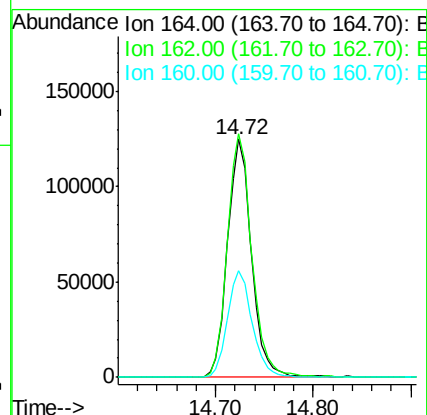
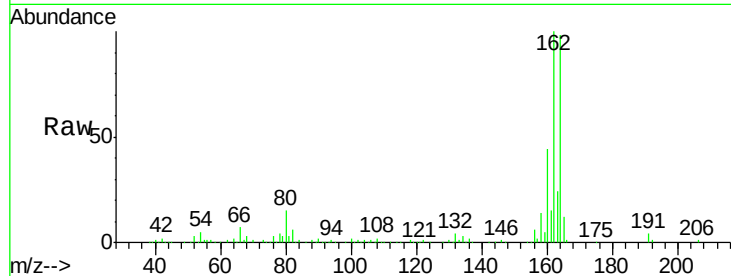




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031613.D
Acq: 16 Dec 2017 6:51

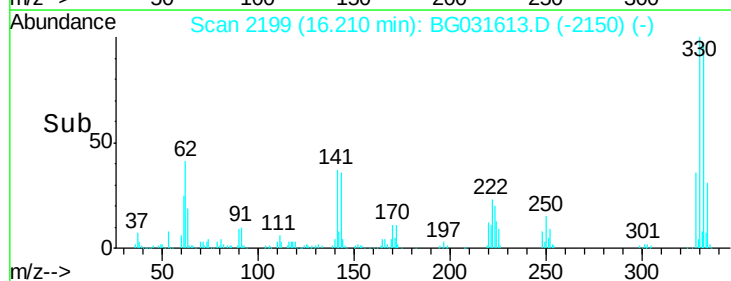
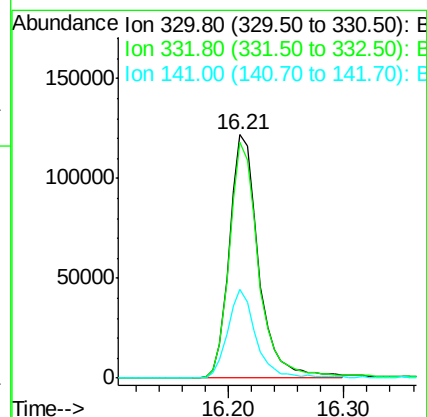
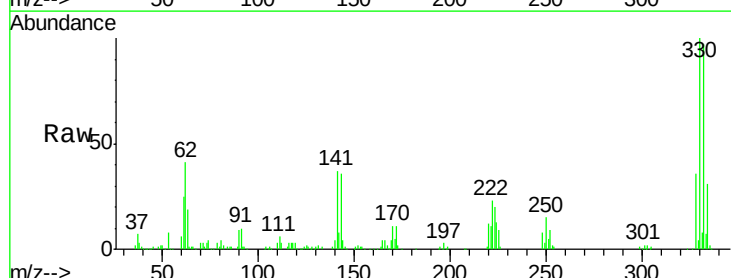
Instrument :
BNA_G
ClientSampleId :
120817-TIDO-F-U-S

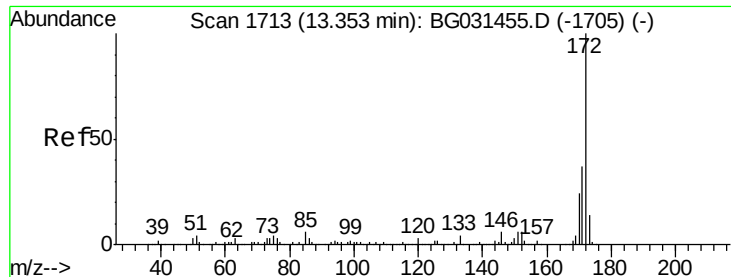
Tgt Ion:164 Resp: 212813
Ion Ratio Lower Upper
164 100
162 102.2 78.8 118.2
160 44.7 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 85.995 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG031613.D
Acq: 16 Dec 2017 6:51

Tgt Ion:330 Resp: 214401
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.6
141 34.2 25.2 37.8

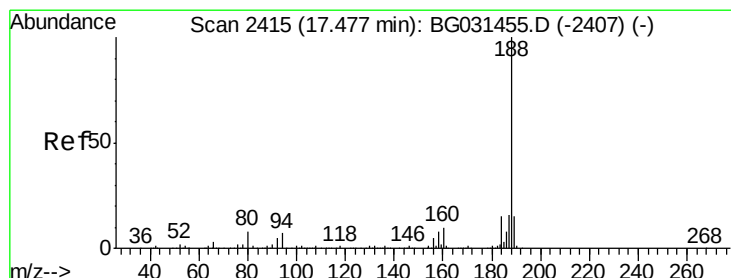
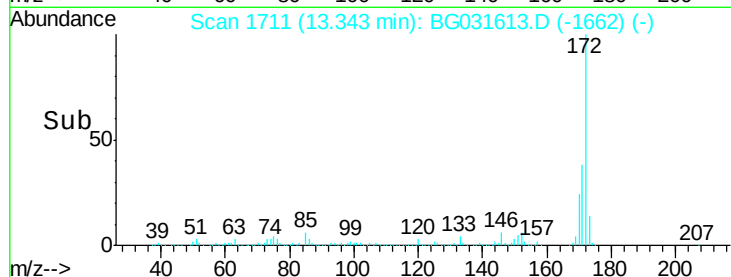
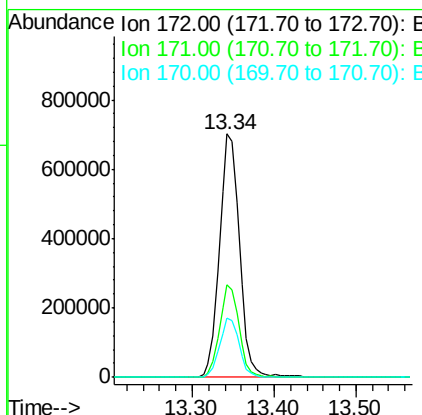
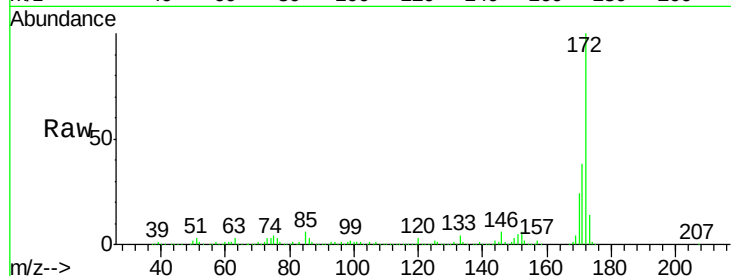




#44
 2-Fluorobiphenyl
 Concen: 82.794 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031613.D
 Acq: 16 Dec 2017 6:51

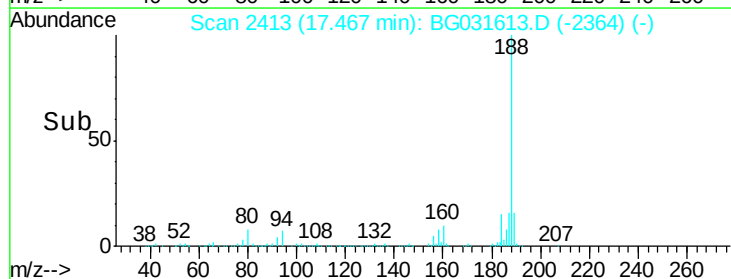
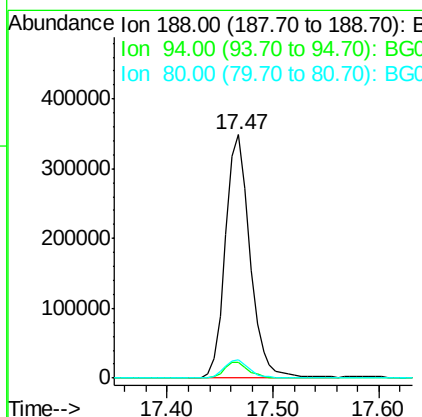
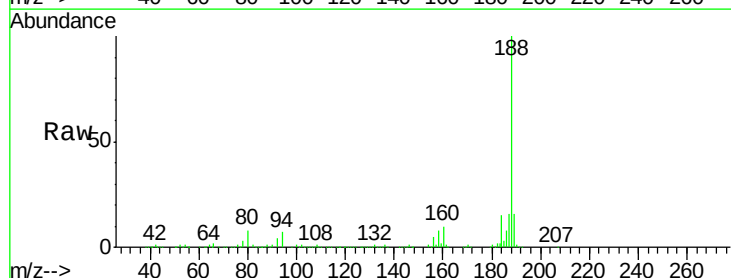
Instrument :
 BNA_G
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 120817-TIDO-F-U-S

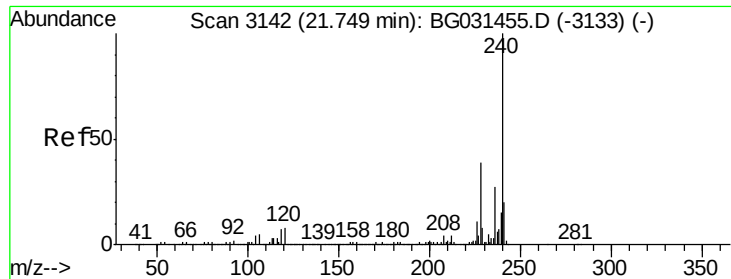
Tgt Ion:172 Resp: 1200348
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 24.1 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG031613.D
 Acq: 16 Dec 2017 6:51

Tgt Ion:188 Resp: 564721
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.9 10.3#
 80 7.5 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031613.D

Acq: 16 Dec 2017 6:51

Instrument :

BNA_G

ClientSampleId :

120817-TIDO-F-U-S

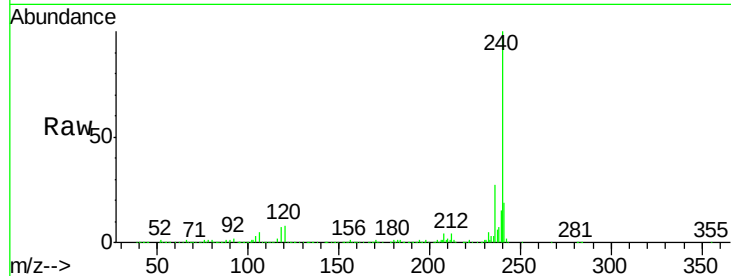
Tgt Ion:240 Resp: 642342

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

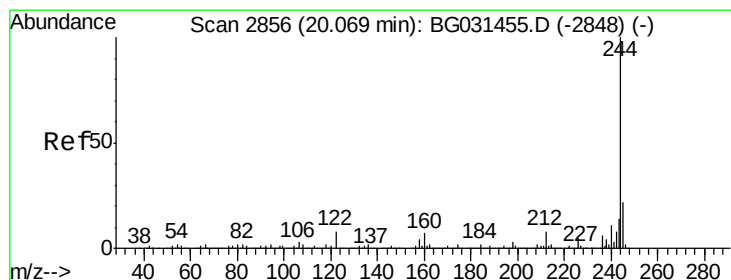
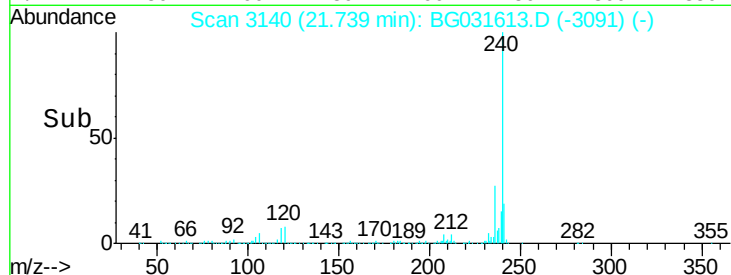
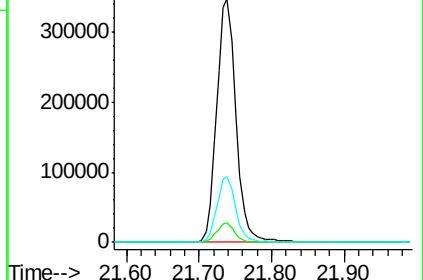
236 26.7 20.9 31.3



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: 76.919 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031613.D

Acq: 16 Dec 2017 6:51

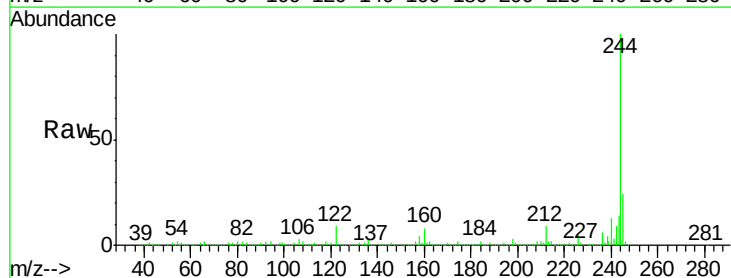
Tgt Ion:244 Resp: 2171631

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

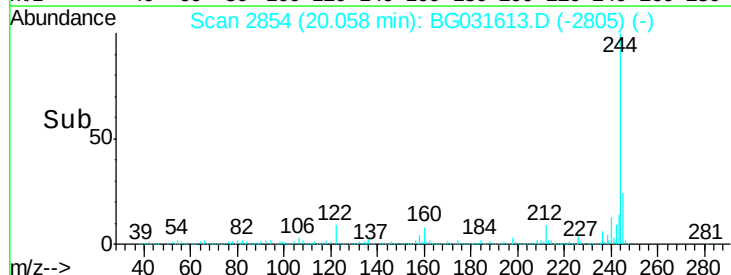
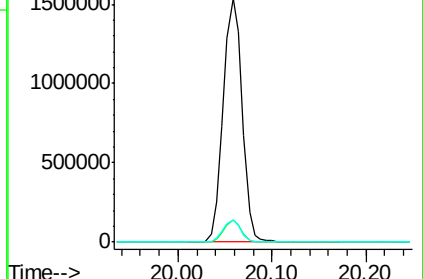
122 9.2 7.0 10.4

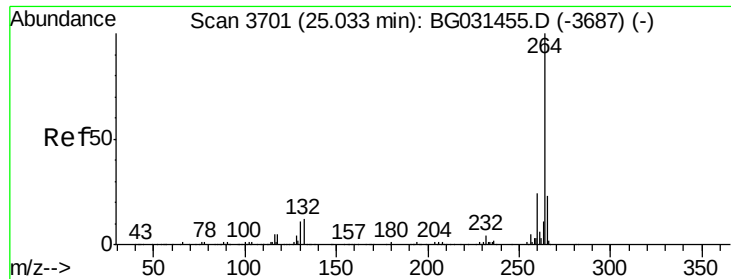


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG031613.D
Acq: 16 Dec 2017 6:51

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	22.4	17.7	26.5

