

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
 Data File : BG031739.D
 Acq On : 23 Dec 2017 8:54
 Operator : SJ/JU
 Sample : I7040-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIC-PY-FIELD-BLANK-1-12.20.17

Quant Time: Dec 26 00:01:13 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	47618	20.00	ng	-0.01
21) Naphthalene-d8	11.71	136	193482	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	133888	20.00	ng	0.00
63) Phenanthrene-d10	18.19	188	339029	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	397468	20.00	ng	-0.02
86) Perylene-d12	26.34	264	418964	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	160961	61.57	ng	0.00
7) Phenol-d6	7.91	99	124039	36.54	ng	-0.01
23) Nitrobenzene-d5	10.02	82	277197	108.18	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	354007	173.28	ng	0.00
44) 2-Fluorobiphenyl	14.08	172	1051205	98.55	ng	-0.01
78) Terphenyl-d14	20.73	244	1875980	107.83	ng	0.00

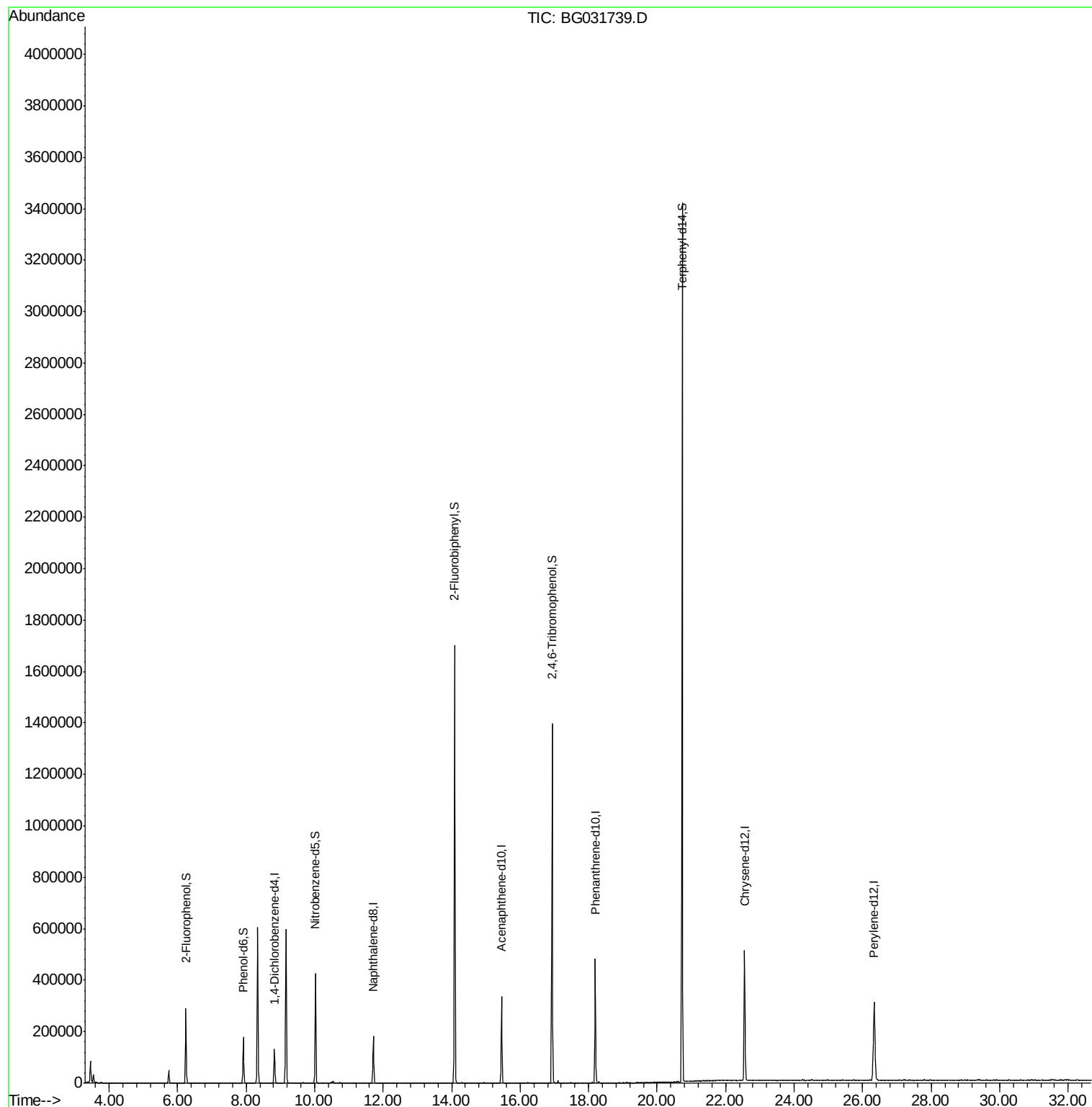
Target Compounds	Qvalue
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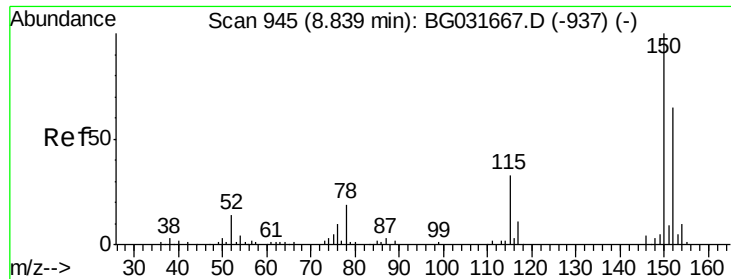
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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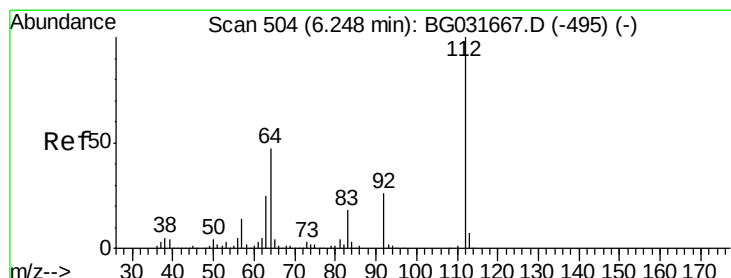
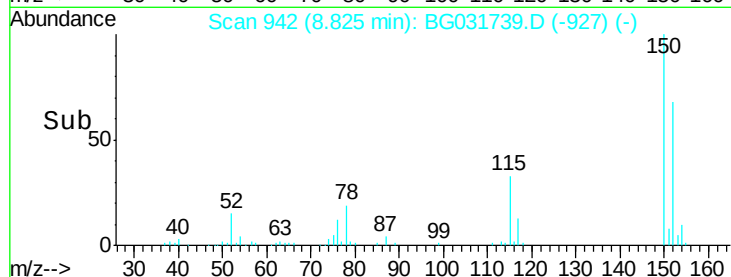
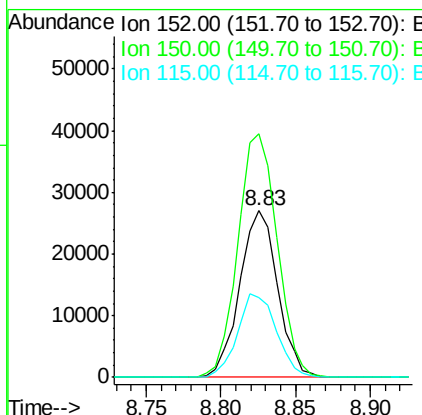
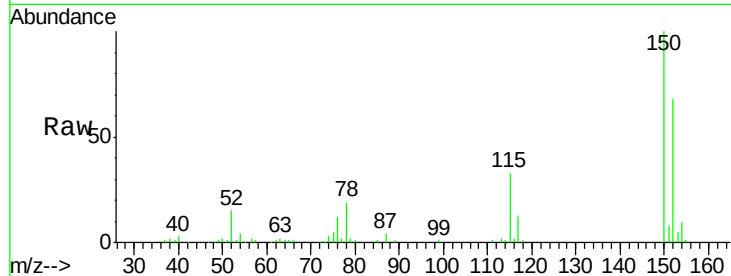




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BG031739.D
 Acq: 23 Dec 2017 8:54

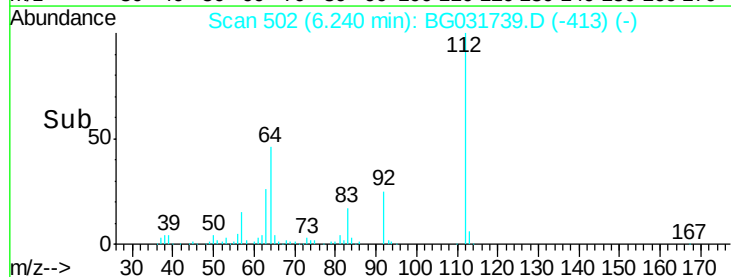
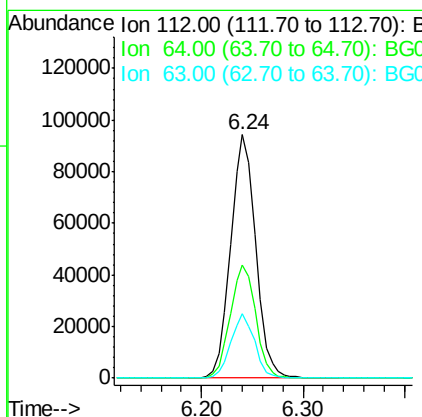
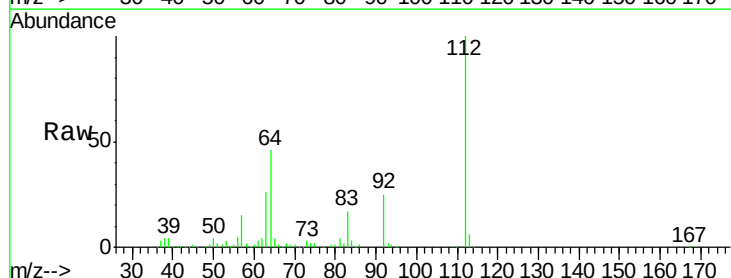
Instrument :
 BNA_G
 ClientSampleId :
 LIC-PY-FIELD-BLANK-1-12.20.17

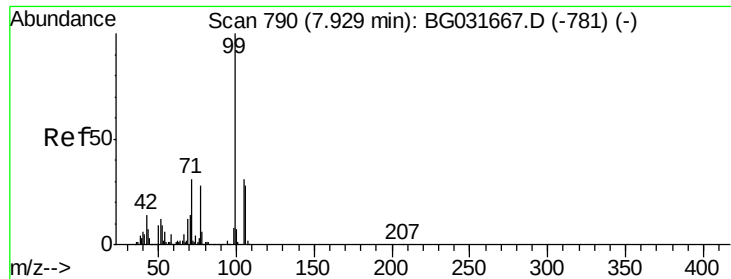
Tgt Ion:152 Resp: 47618
 Ion Ratio Lower Upper
 152 100
 150 146.0 126.6 189.8
 115 48.0 53.0 79.4#



#5
 2-Fluorophenol
 Concen: 61.567 ng
 RT: 6.24 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BG031739.D
 Acq: 23 Dec 2017 8:54

Tgt Ion:112 Resp: 160961
 Ion Ratio Lower Upper
 112 100
 64 46.3 56.3 84.5#
 63 26.2 30.1 45.1#





#7

Phenol-d6

Concen: 36.543 ng

RT: 7.91 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG031739.D

Acq: 23 Dec 2017 8:54

Instrument :

BNA_G

ClientSampleId :

LIC-PY-FIELD-BLANK-1-12.20.17

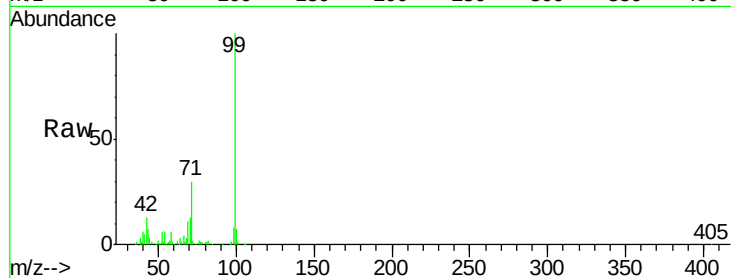
Tgt Ion: 99 Resp: 124039

Ion Ratio Lower Upper

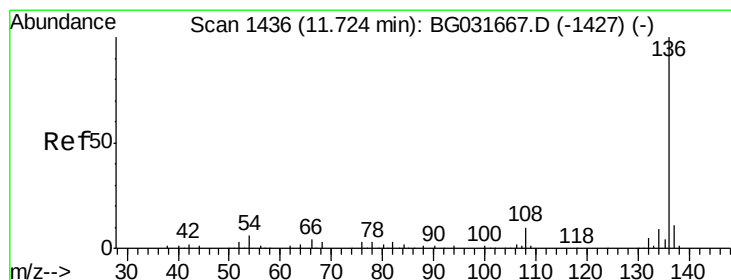
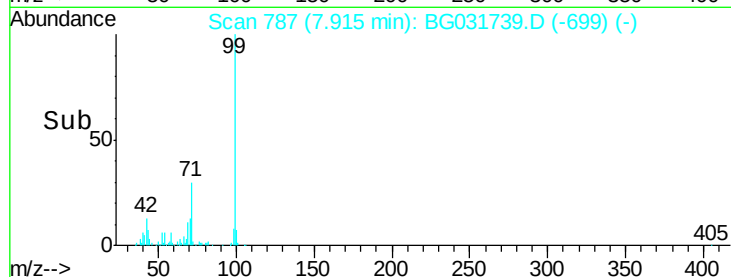
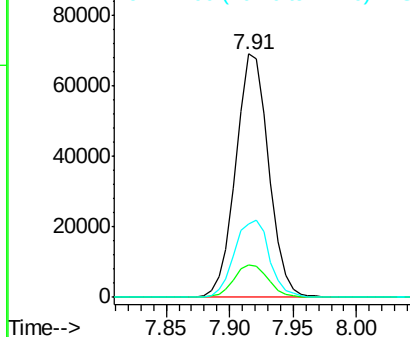
99 100

42 13.3 14.1 21.1#

71 30.3 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: 11.71 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BG031739.D

Acq: 23 Dec 2017 8:54

Tgt Ion: 136 Resp: 193482

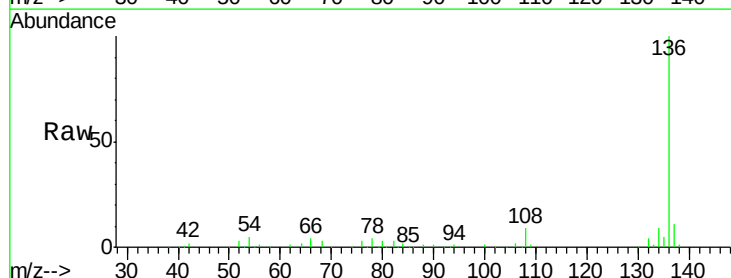
Ion Ratio Lower Upper

136 100

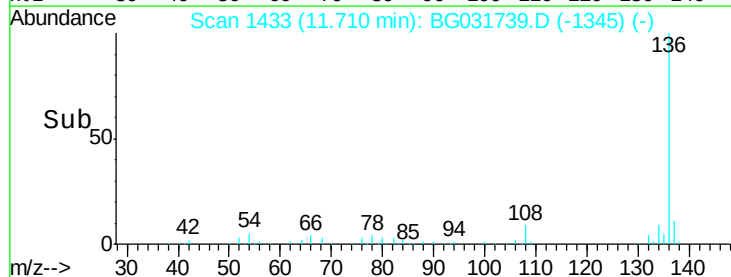
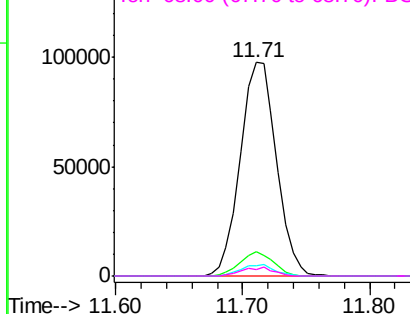
137 11.3 9.2 13.8

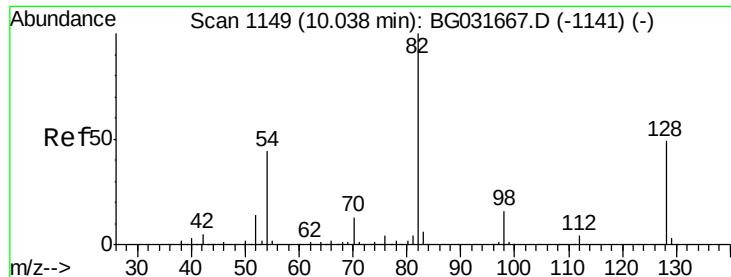
54 5.0 10.3 15.5#

68 3.3 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

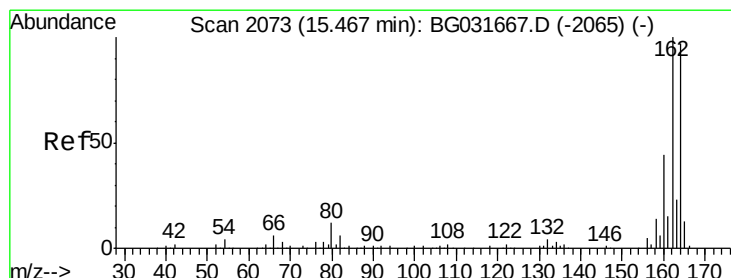
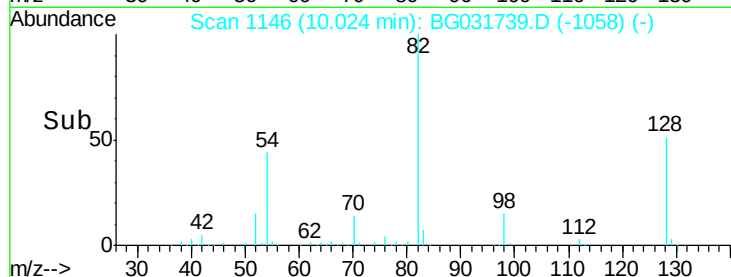
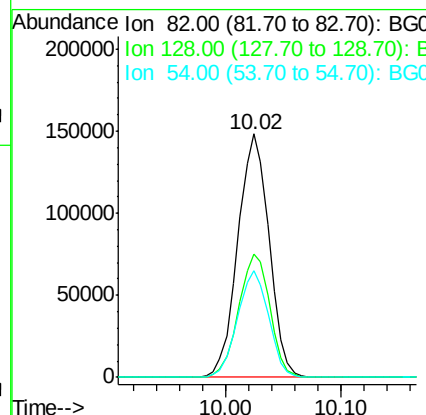
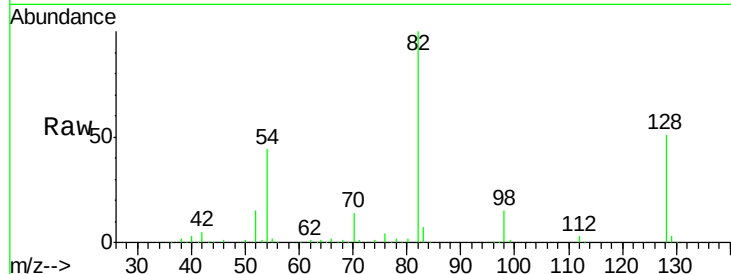




#23
 Nitrobenzene-d5
 Concen: 108.184 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BG031739.D
 Acq: 23 Dec 2017 8:54

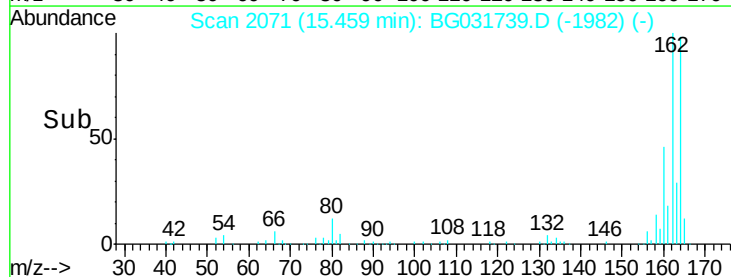
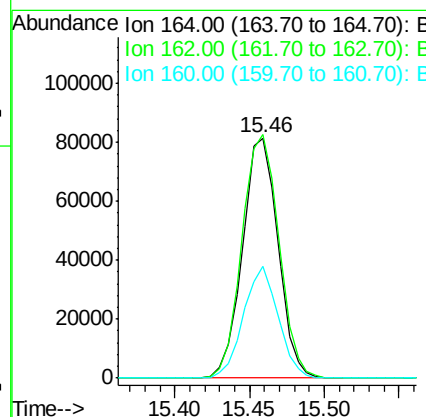
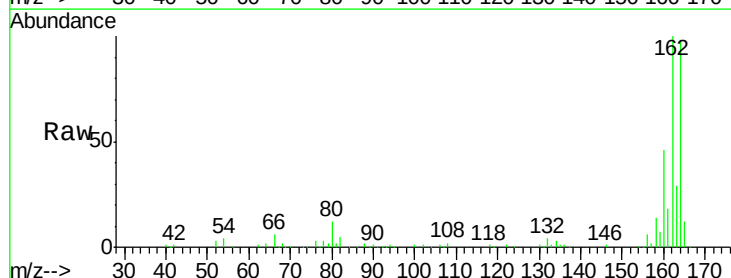
Instrument :
 BNA_G
 ClientSampleId :
 LIC-PY-FIELD-BLANK-1-12.20.17

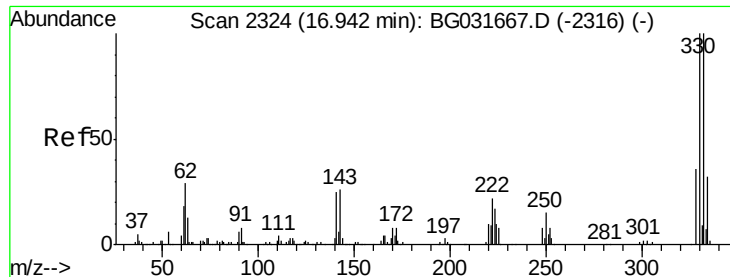
Tgt Ion: 82 Resp: 277197
 Ion Ratio Lower Upper
 82 100
 128 50.8 29.7 44.5#
 54 43.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG031739.D
 Acq: 23 Dec 2017 8:54

Tgt Ion: 164 Resp: 133888
 Ion Ratio Lower Upper
 164 100
 162 101.6 78.8 118.2
 160 46.7 35.4 53.0

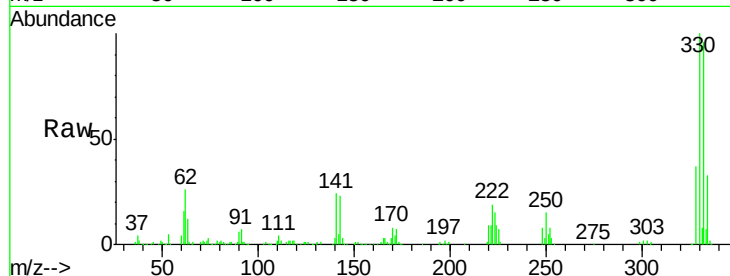




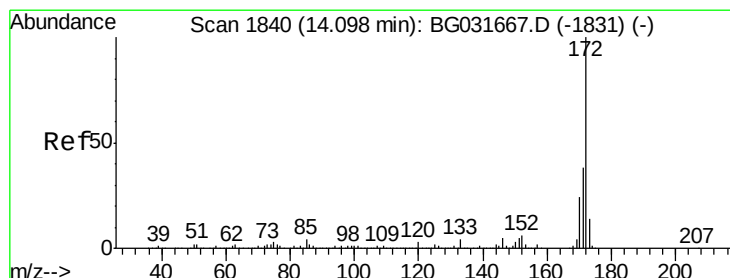
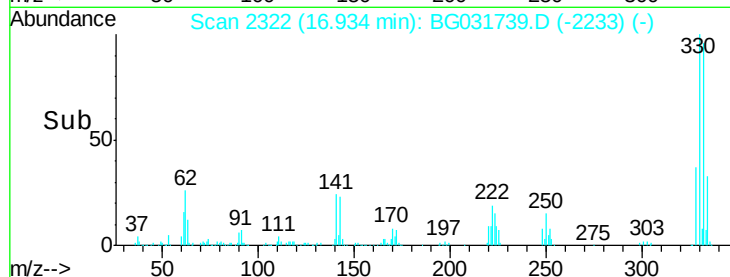
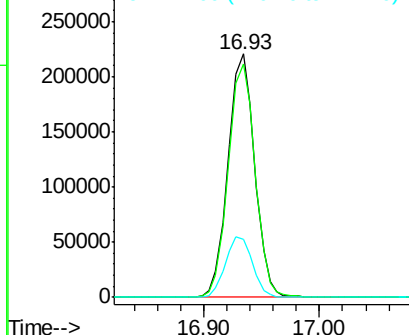
#41
 2,4,6-Tribromophenol
 Concen: 173.283 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031739.D
 Acq: 23 Dec 2017 8:54

Instrument :
 BNA_G
 ClientSampleId :
 LIC-PY-FIELD-BLANK-1-12.20.17

Tgt Ion:330 Resp: 354007
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 25.3 25.2 37.8

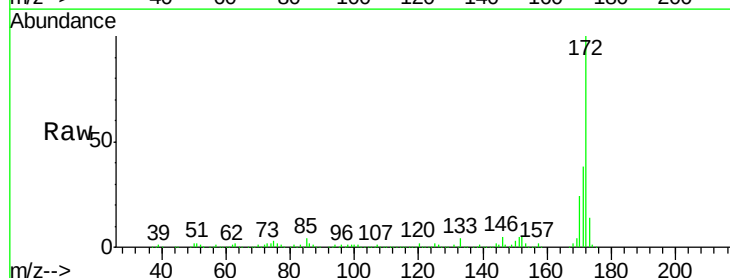


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

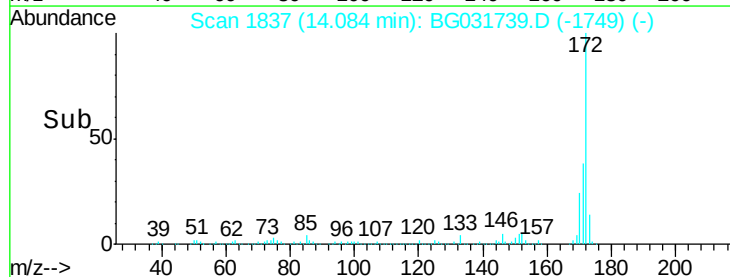
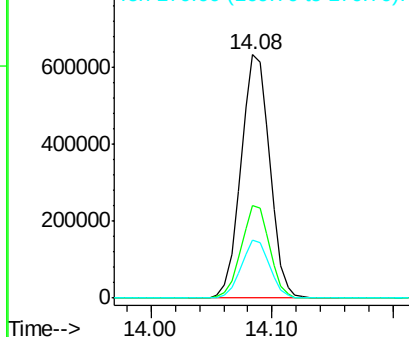


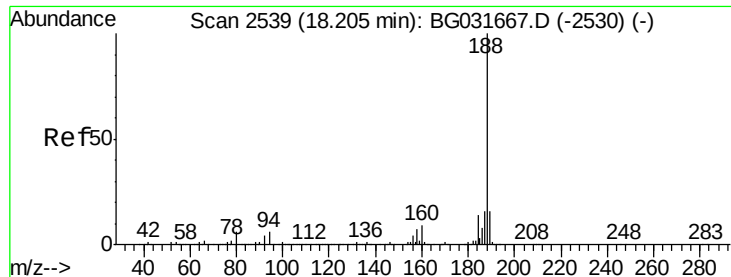
#44
 2-Fluorobiphenyl
 Concen: 98.545 ng
 RT: 14.08 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BG031739.D
 Acq: 23 Dec 2017 8:54

Tgt Ion:172 Resp: 1051205
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 23.9 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

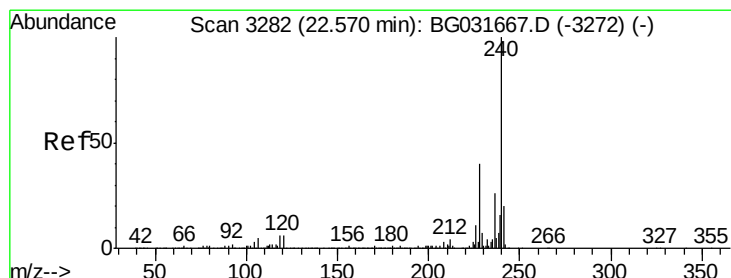
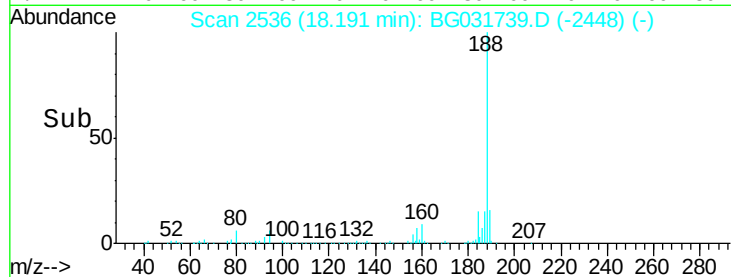
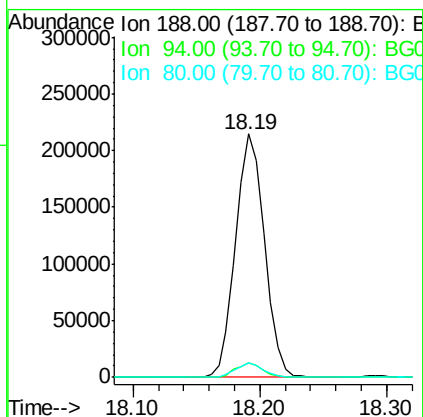
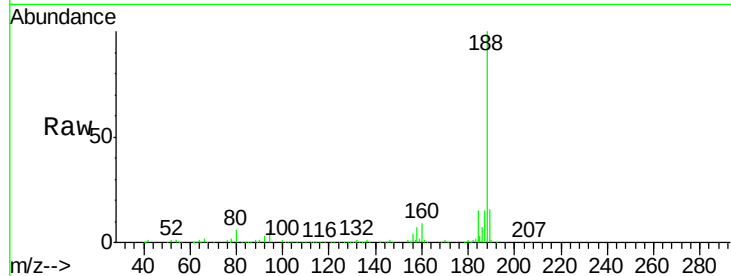




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BG031739.D
Acq: 23 Dec 2017 8:54

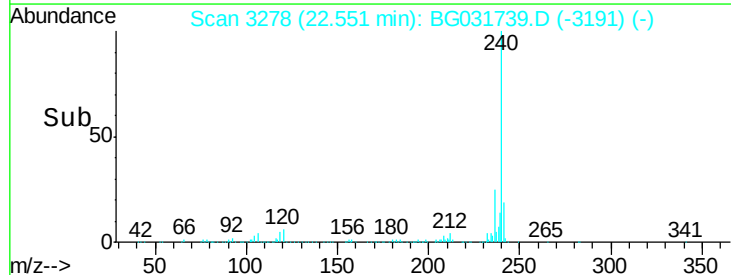
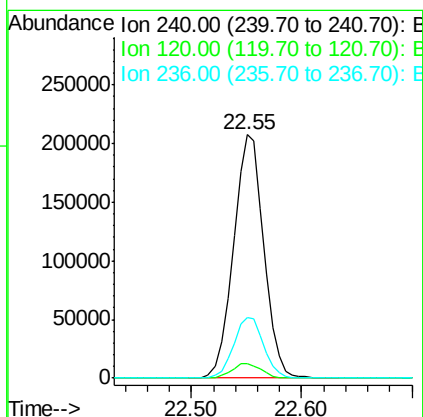
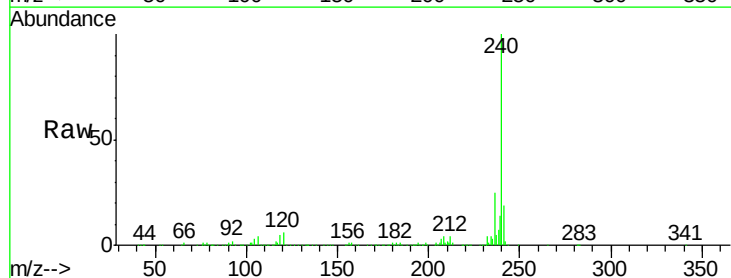
Instrument :
BNA_G
ClientSampleId :
LIC-PY-FIELD-BLANK-1-12.20.17

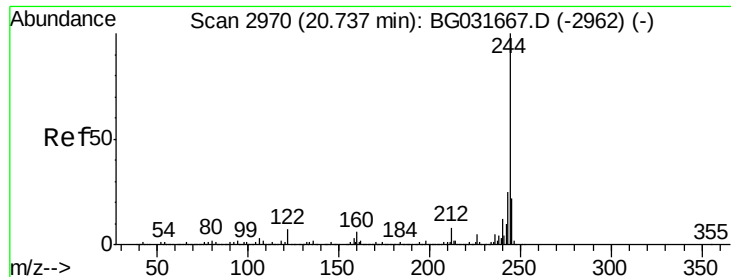
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	5.9	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.02 min
Lab File: BG031739.D
Acq: 23 Dec 2017 8:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	24.7	20.9	31.3





#78

Terphenyl-d14

Concen: 107.831 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031739.D

Acq: 23 Dec 2017 8:54

Instrument :

BNA_G

ClientSampleId :

LIC-PY-FIELD-BLANK-1-12.20.17

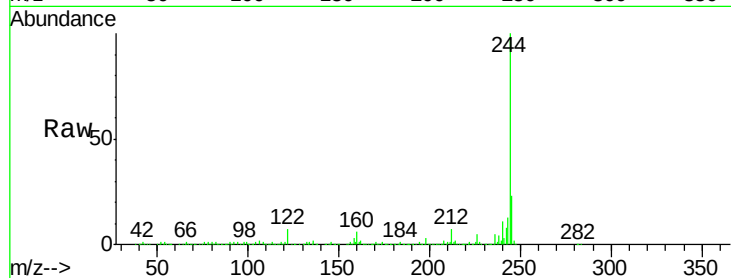
Tgt Ion:244 Resp: 1875980

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

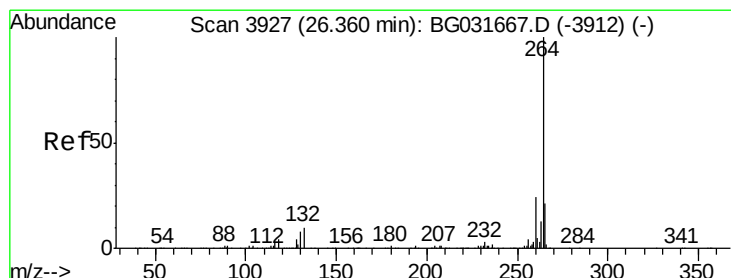
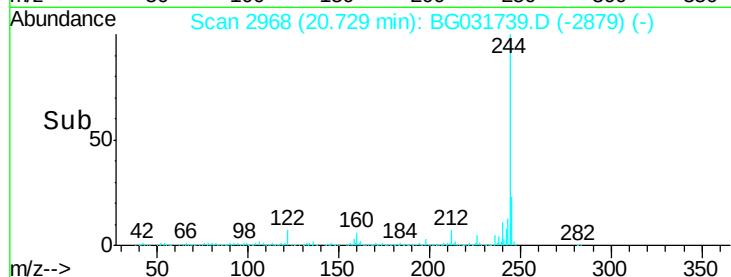
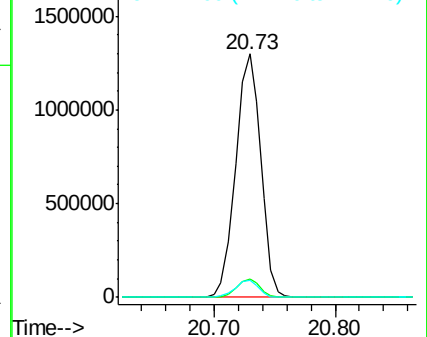
122 6.8 7.0 10.4#



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: 26.34 min Scan# 3923

Delta R.T. -0.02 min

Lab File: BG031739.D

Acq: 23 Dec 2017 8:54

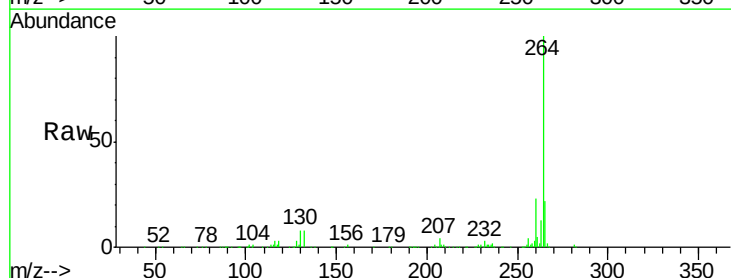
Tgt Ion:264 Resp: 418964

Ion Ratio Lower Upper

264 100

260 22.5 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

