

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
 Data File : BG031730.D
 Acq On : 23 Dec 2017 2:55
 Operator : SJ/JU
 Sample : I7004-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-7-121917

Quant Time: Dec 23 04:33:18 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	8.82	152	48761	20.00	ng	-0.02
21) Naphthalene-d8	11.71	136	196799	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	137188	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	353521	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	411860	20.00	ng	-0.02
86) Perylene-d12	26.33	264	437744	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	148881	55.61	ng	-0.01
7) Phenol-d6	7.92	99	114524	32.95	ng	-0.01
23) Nitrobenzene-d5	10.02	82	246504	94.58	ng	-0.02
41) 2,4,6-Tribromophenol	16.93	330	314225	150.11	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	924334	84.57	ng	-0.01
78) Terphenyl-d14	20.73	244	1676948	93.02	ng	-0.01

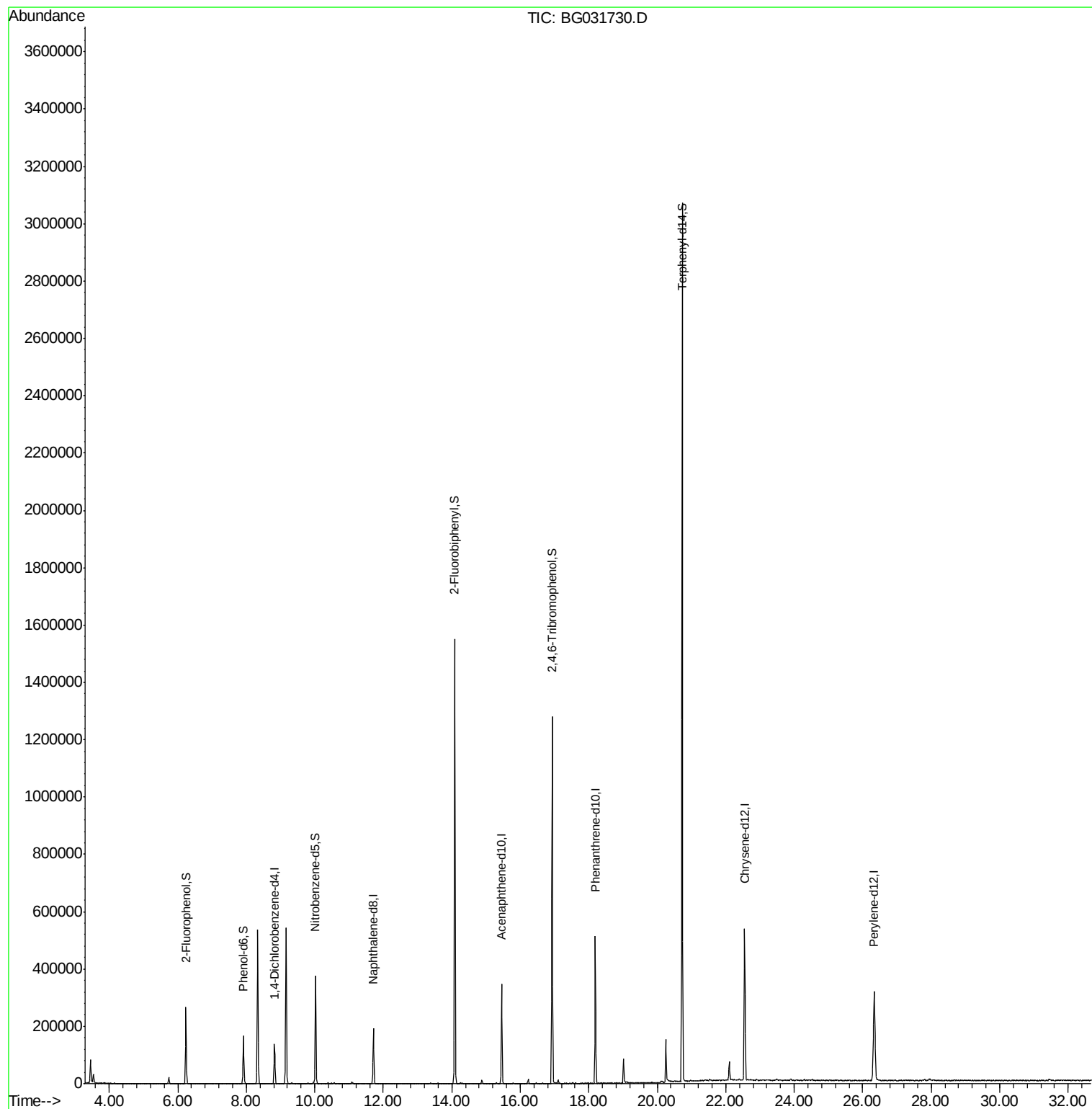
Target Compounds	Qvalue
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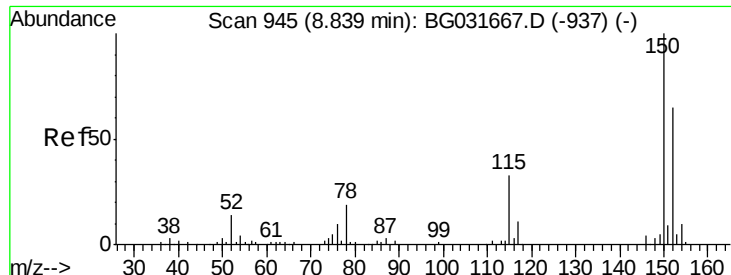
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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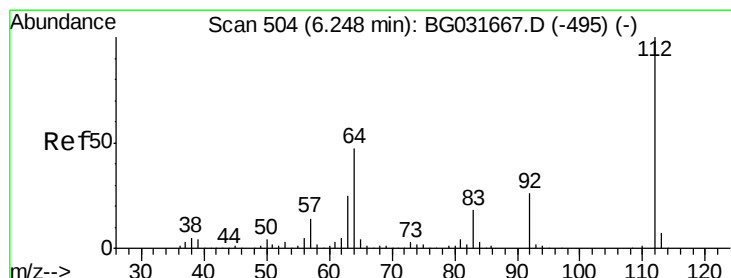
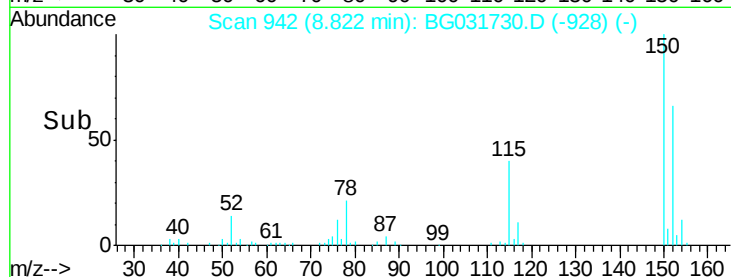
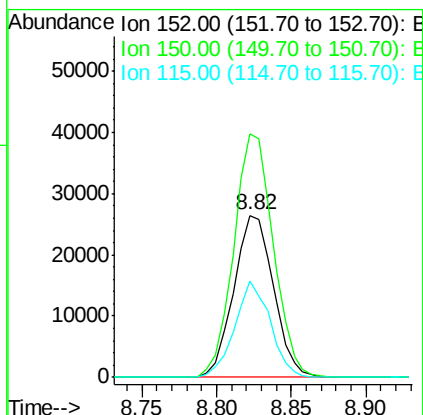
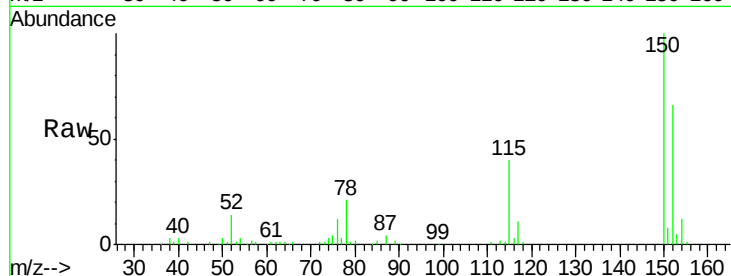


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031730.D
Acq: 23 Dec 2017 2:55

Instrument :
BNA_G
ClientSampleId :
C-MW-7-121917

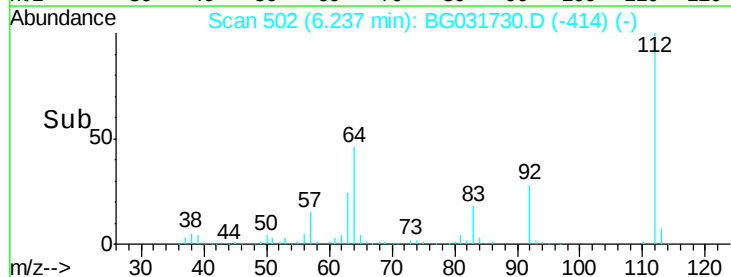
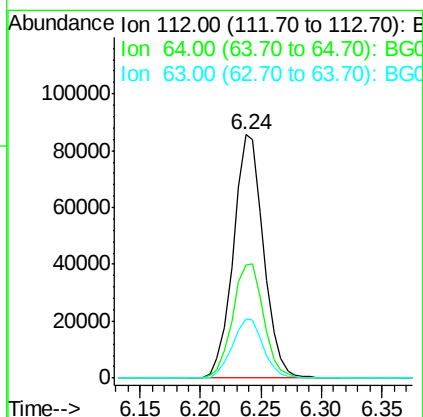
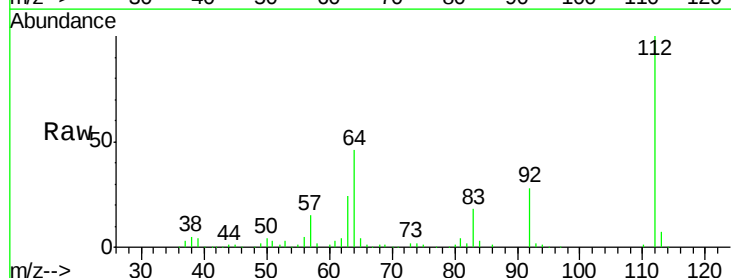
Tgt Ion:152 Resp: 48761
Ion Ratio Lower Upper
152 100
150 150.4 126.6 189.8
115 59.9 53.0 79.4



#5

2-Fluorophenol
Concen: 55.612 ng
RT: 6.24 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG031730.D
Acq: 23 Dec 2017 2:55

Tgt Ion:112 Resp: 148881
Ion Ratio Lower Upper
112 100
64 46.4 56.3 84.5#
63 24.3 30.1 45.1#





#7

Phenol-d6

Concen: 32.949 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031730.D

Acq: 23 Dec 2017 2:55

Instrument :

BNA_G

ClientSampleId :

C-MW-7-121917

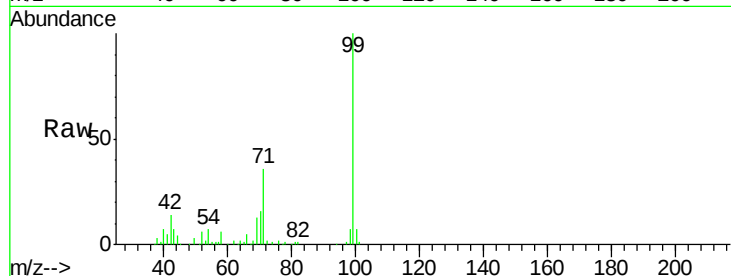
Tgt Ion: 99 Resp: 114524

Ion Ratio Lower Upper

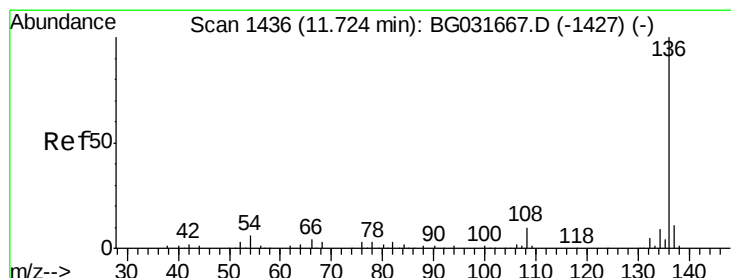
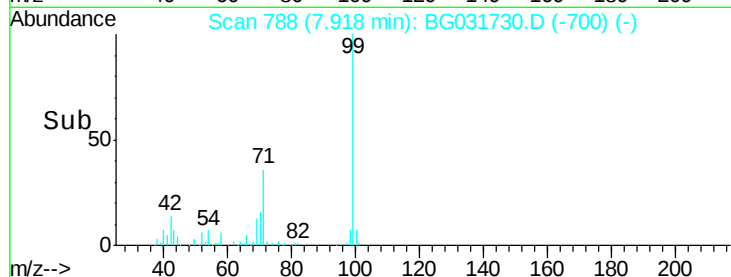
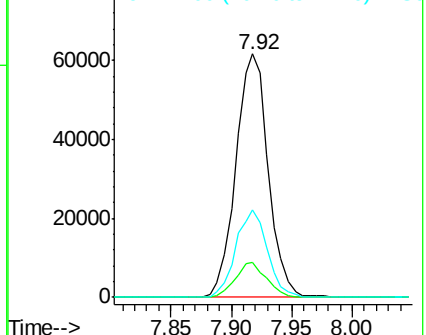
99 100

42 14.4 14.1 21.1

71 35.8 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# 1434

Delta R.T. -0.01 min

Lab File: BG031730.D

Acq: 23 Dec 2017 2:55

Tgt Ion: 136 Resp: 196799

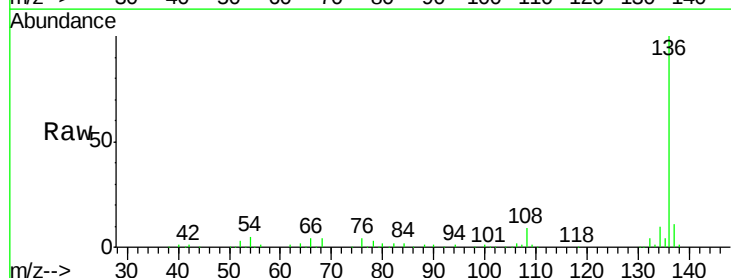
Ion Ratio Lower Upper

136 100

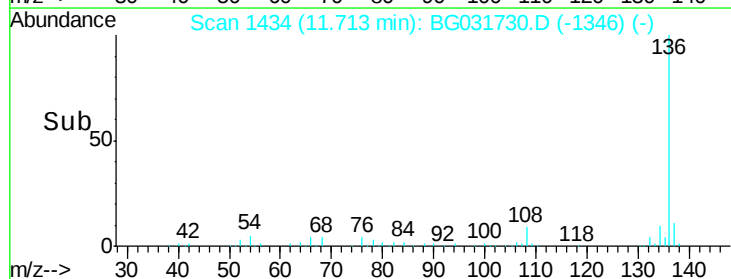
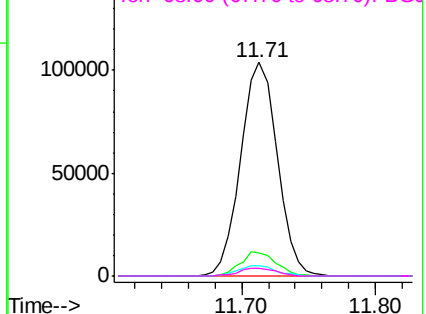
137 10.9 9.2 13.8

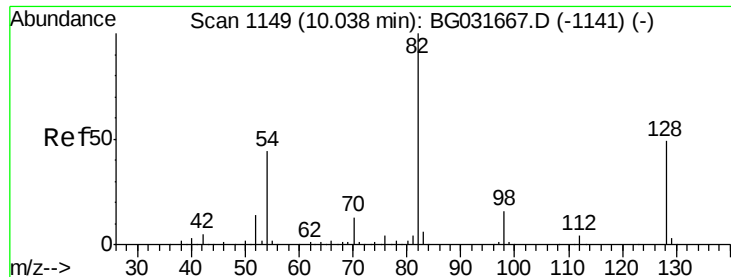
54 4.9 10.3 15.5#

68 3.8 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

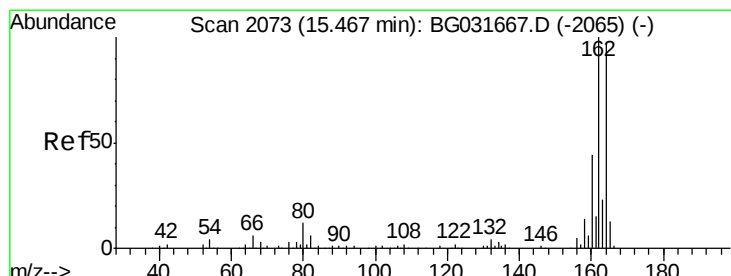
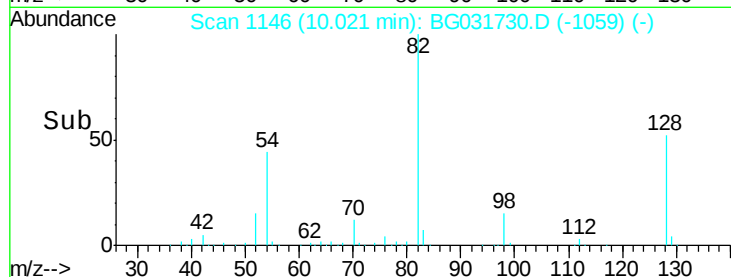
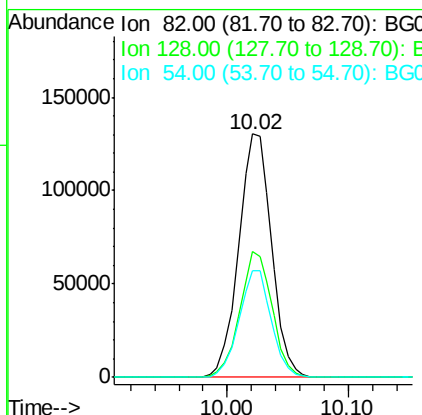
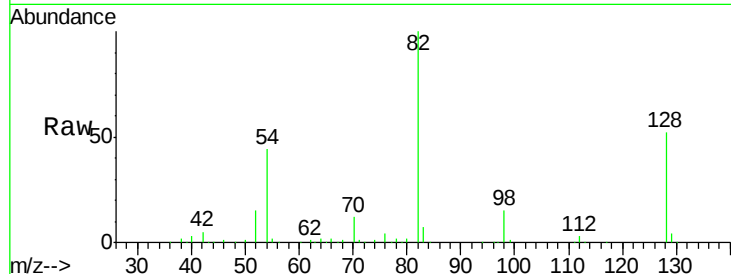




#23
 Nitrobenzene-d5
 Concen: 94.584 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BG031730.D
 Acq: 23 Dec 2017 2:55

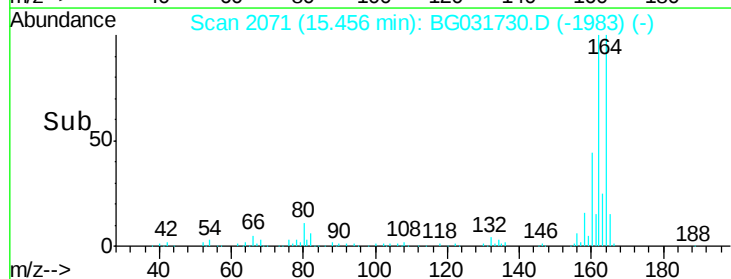
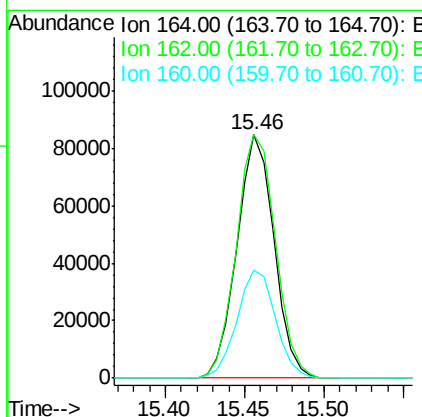
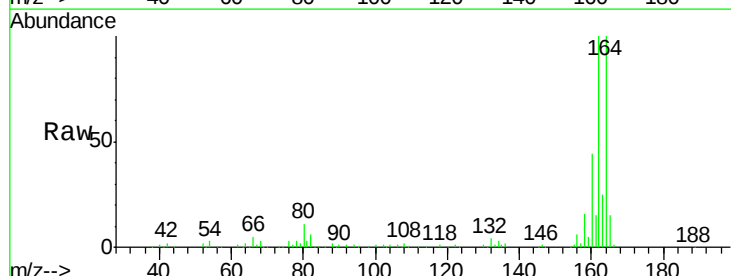
Instrument :
 BNA_G
 ClientSampleId :
 C-MW-7-121917

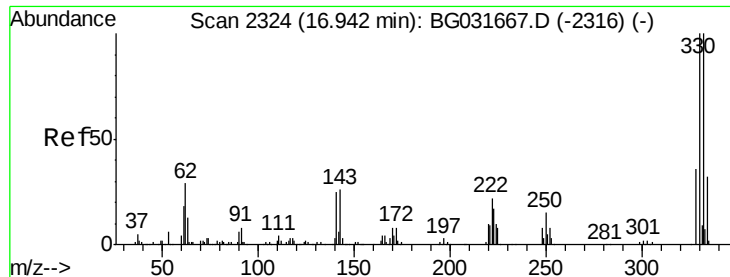
Tgt Ion: 82 Resp: 246504
 Ion Ratio Lower Upper
 82 100
 128 51.8 29.7 44.5#
 54 43.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG031730.D
 Acq: 23 Dec 2017 2:55

Tgt Ion: 164 Resp: 137188
 Ion Ratio Lower Upper
 164 100
 162 100.0 78.8 118.2
 160 44.4 35.4 53.0

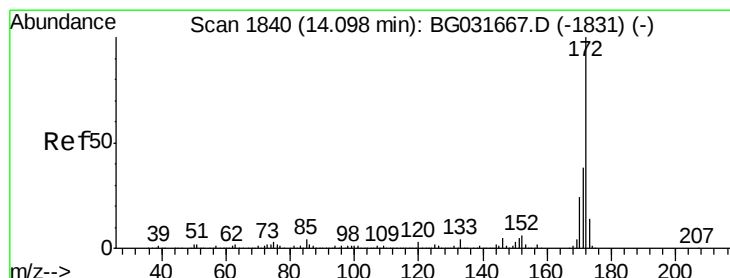
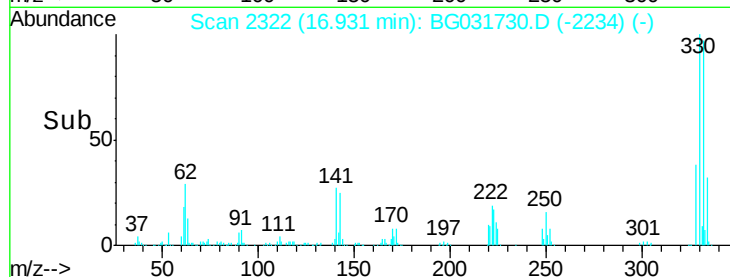
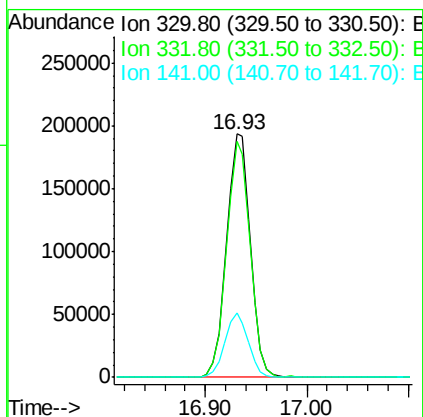
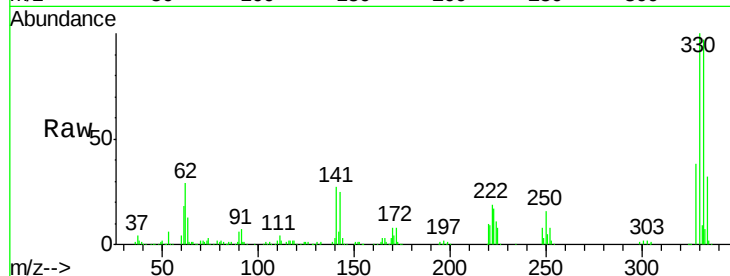




#41
 2,4,6-Tribromophenol
 Concen: 150.110 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031730.D
 Acq: 23 Dec 2017 2:55

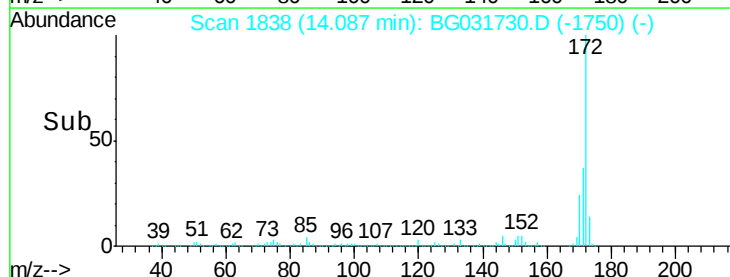
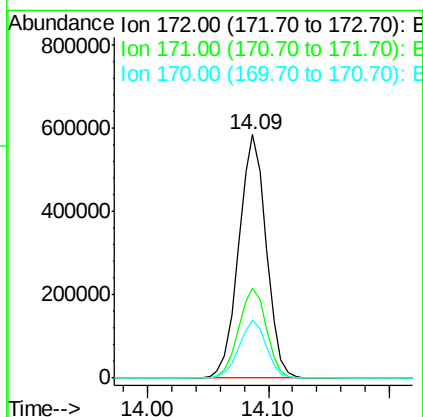
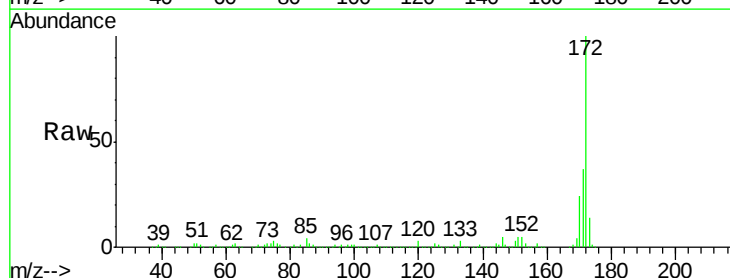
Instrument :
 BNA_G
 ClientSampleId :
 C-MW-7-121917

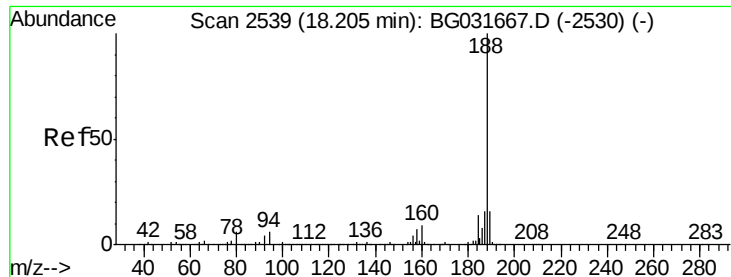
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	25.9	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 84.567 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031730.D
 Acq: 23 Dec 2017 2:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.9	19.5	29.3

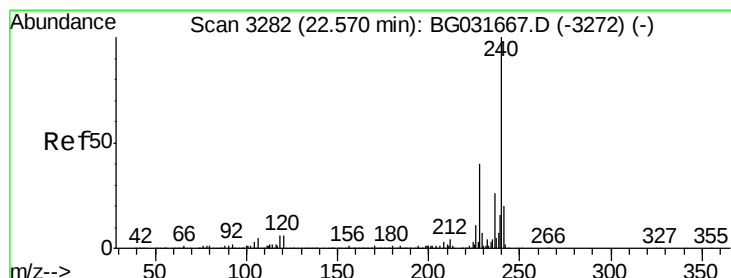
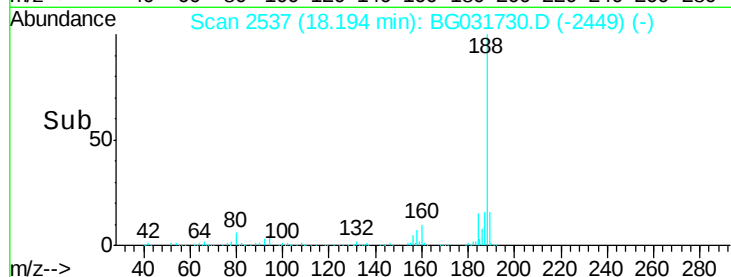
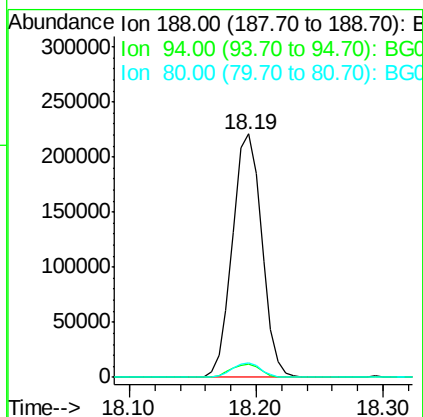
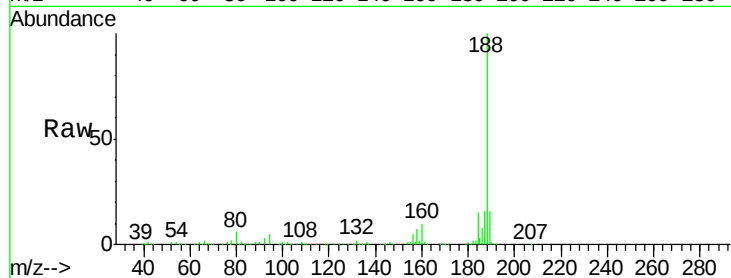




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031730.D
Acq: 23 Dec 2017 2:55

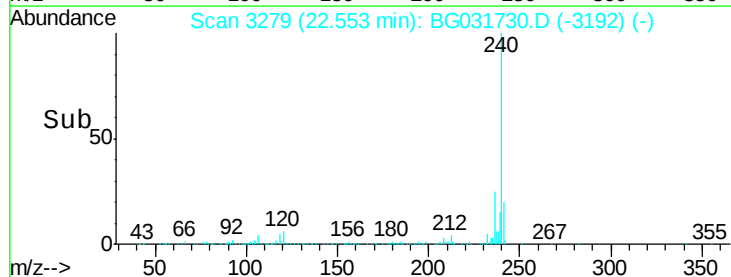
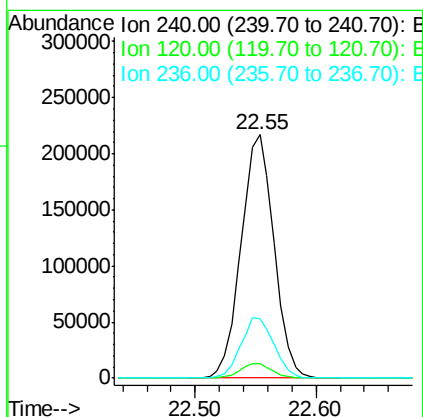
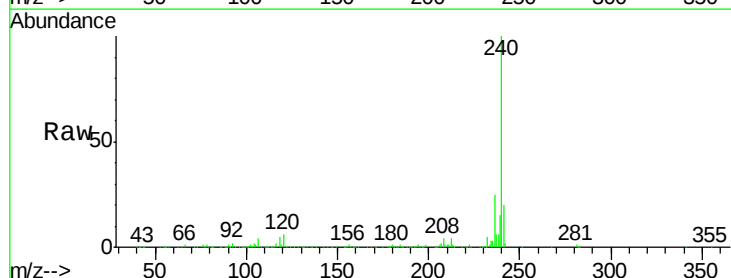
Instrument :
BNA_G
ClientSampleId :
C-MW-7-121917

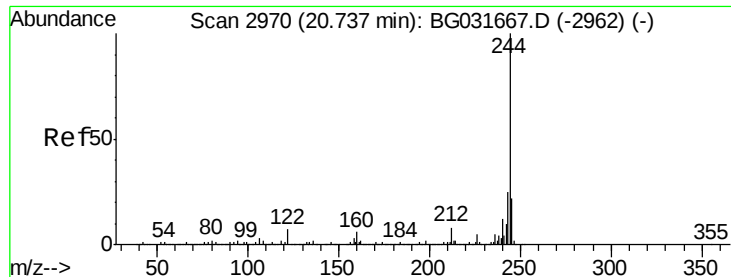
Tgt Ion:188 Resp: 353521
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 6.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031730.D
Acq: 23 Dec 2017 2:55

Tgt Ion:240 Resp: 411860
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 24.6 20.9 31.3





#78

Terphenyl-d14

Concen: 93.023 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031730.D

Acq: 23 Dec 2017 2:55

Instrument :

BNA_G

ClientSampleId :

C-MW-7-121917

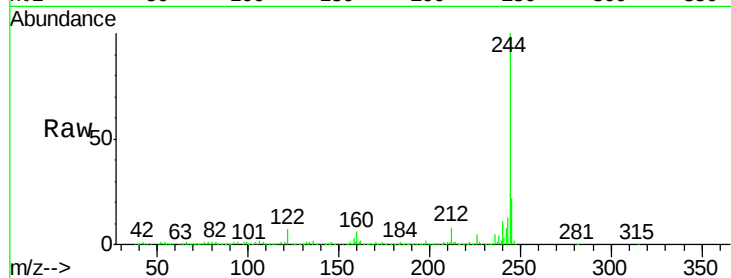
Tgt Ion:244 Resp: 1676948

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

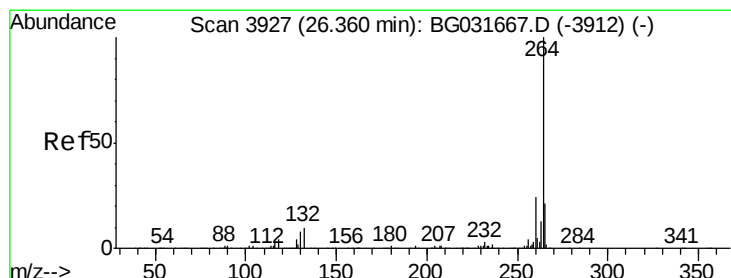
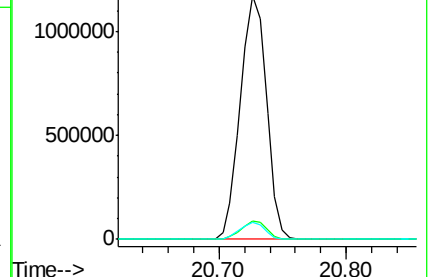
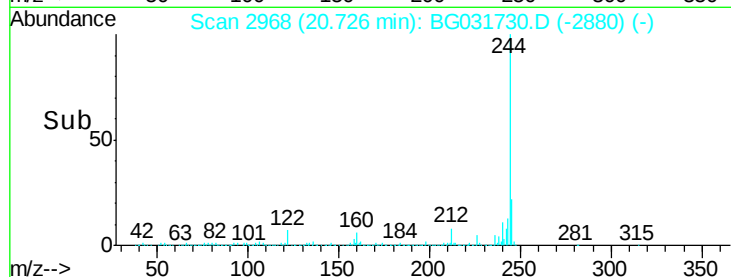
122 7.0 7.0 10.4



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: 26.33 min Scan# 3922

Delta R.T. -0.03 min

Lab File: BG031730.D

Acq: 23 Dec 2017 2:55

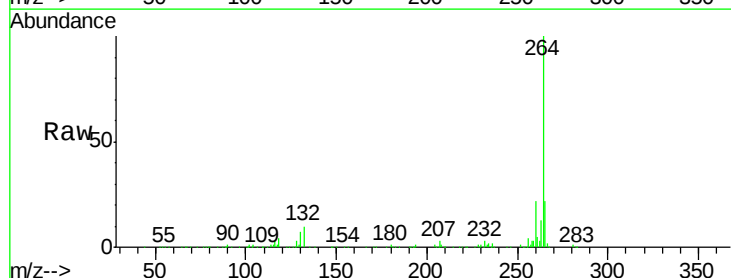
Tgt Ion:264 Resp: 437744

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 22.2 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

