

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
 Data File : BG031728.D
 Acq On : 23 Dec 2017 1:40
 Operator : SJ/JU
 Sample : I7004-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-11-121817

Quant Time: Dec 23 03:00:28 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	52984	20.00	ng	-0.02
21) Naphthalene-d8	11.71	136	217616	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	151661	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	393871	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	451640	20.00	ng	-0.02
86) Perylene-d12	26.33	264	487351	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	172106	59.16	ng	-0.01
7) Phenol-d6	7.92	99	136732	36.20	ng	-0.01
23) Nitrobenzene-d5	10.02	82	280212	97.23	ng	-0.02
41) 2,4,6-Tribromophenol	16.93	330	357260	154.38	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	1039947	86.07	ng	-0.01
78) Terphenyl-d14	20.73	244	1852472	93.71	ng	-0.01

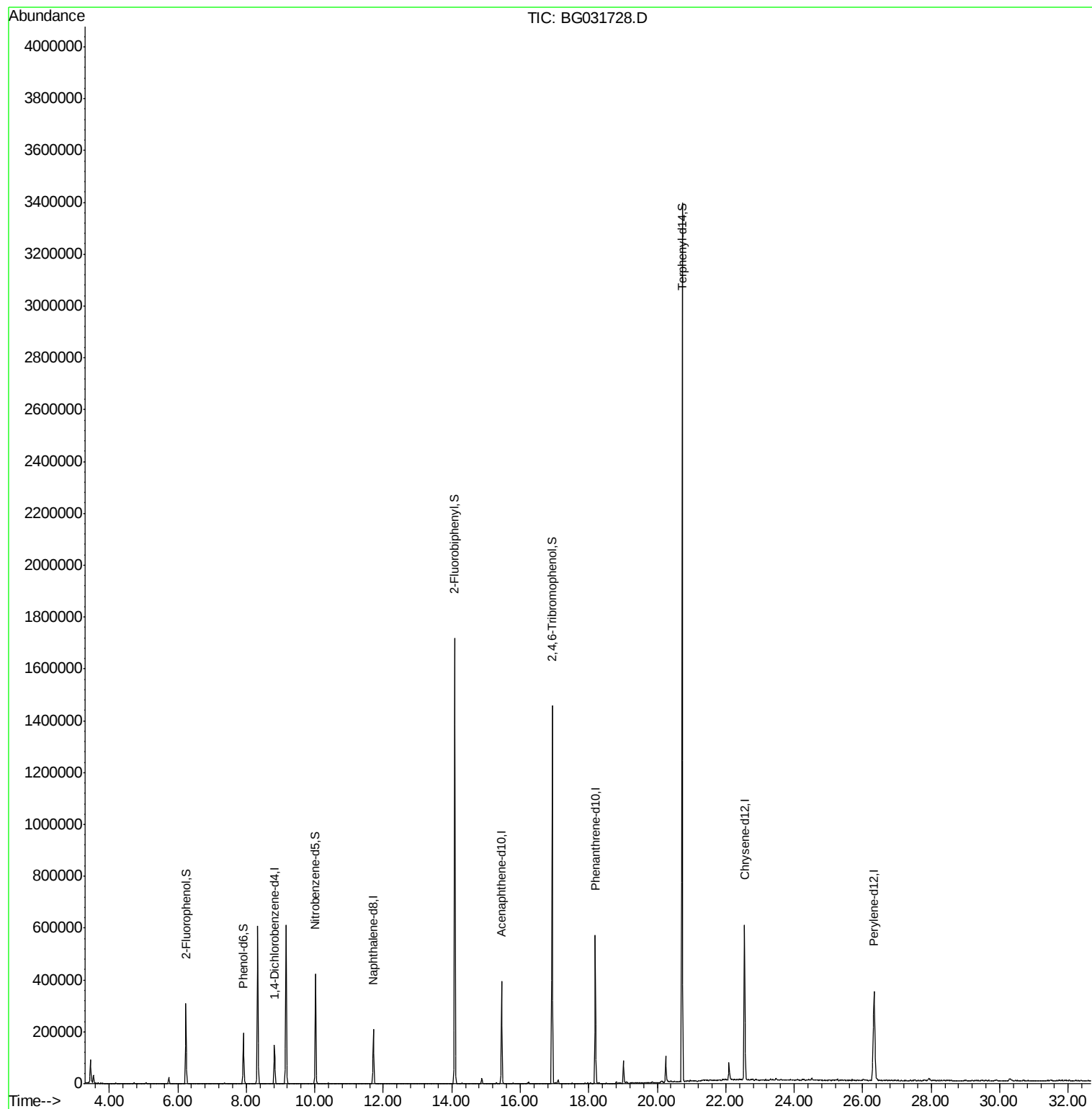
Target Compounds	Qvalue
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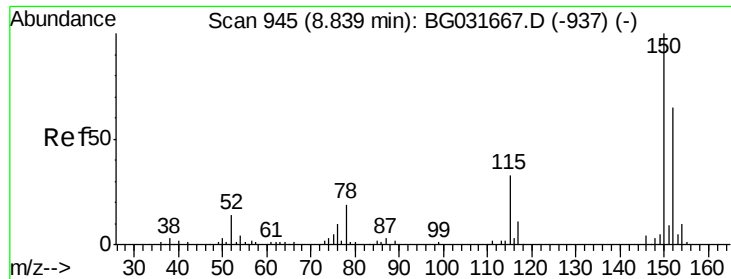
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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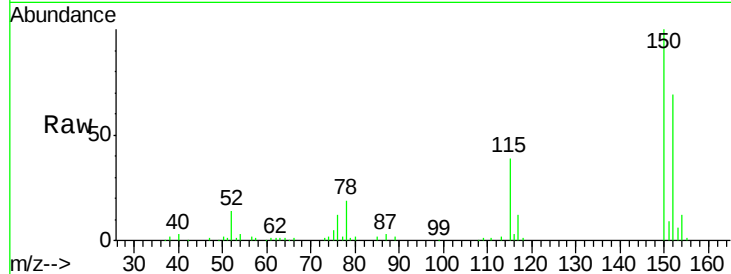


#1

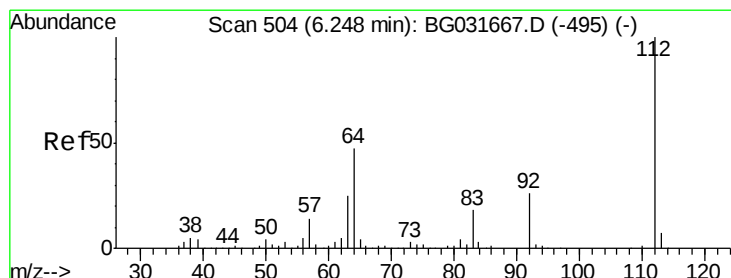
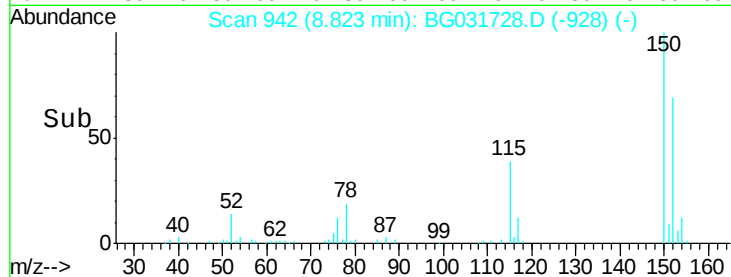
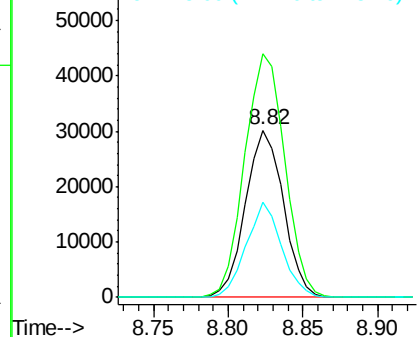
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031728.D
Acq: 23 Dec 2017 1:40

Instrument :
BNA_G
ClientSampleId :
C-MW-11-121817

Tgt Ion:152 Resp: 52984
Ion Ratio Lower Upper
152 100
150 145.6 126.6 189.8
115 57.0 53.0 79.4



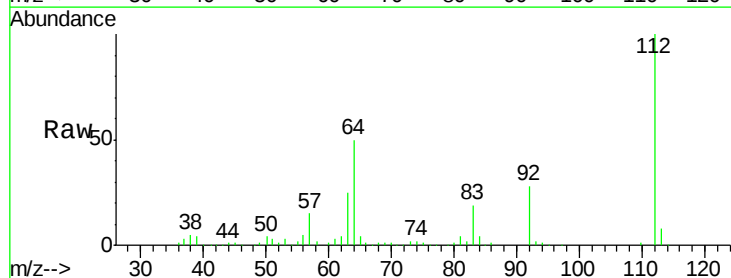
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



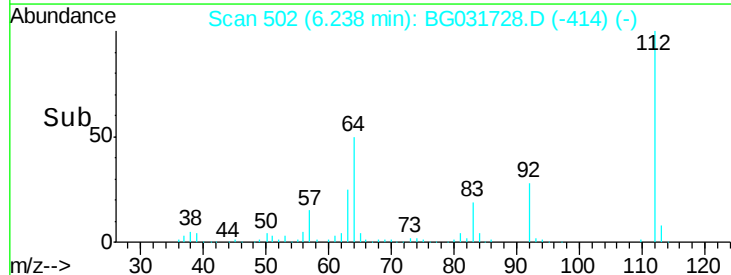
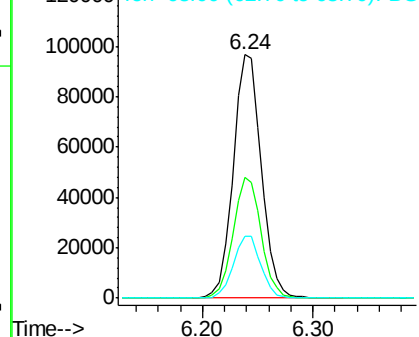
#5

2-Fluorophenol
Concen: 59.163 ng
RT: 6.24 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG031728.D
Acq: 23 Dec 2017 1:40

Tgt Ion:112 Resp: 172106
Ion Ratio Lower Upper
112 100
64 49.5 56.3 84.5#
63 25.2 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: 36.203 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031728.D

Acq: 23 Dec 2017 1:40

Instrument :

BNA_G

ClientSampleId :

C-MW-11-121817

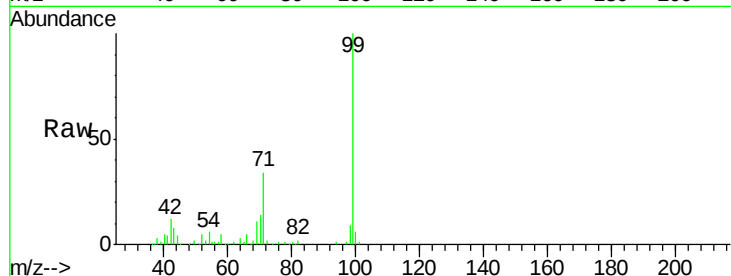
Tgt Ion: 99 Resp: 136732

Ion Ratio Lower Upper

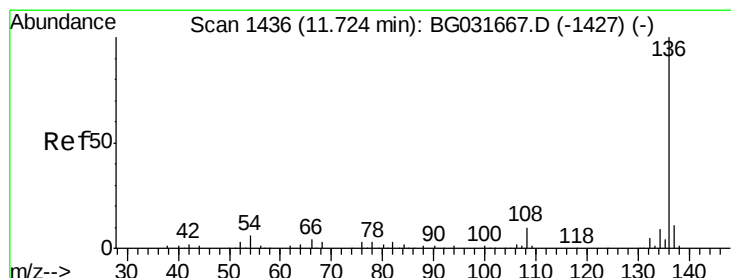
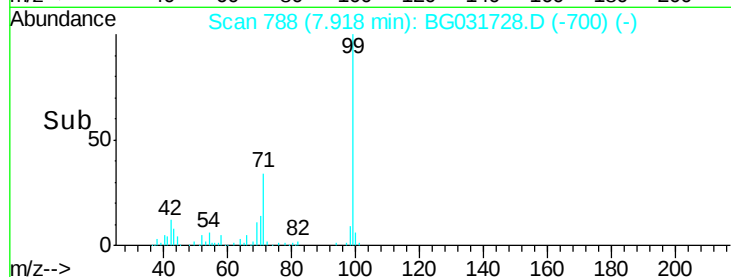
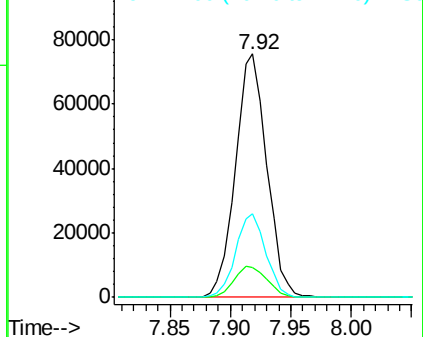
99 100

42 12.1 14.1 21.1#

71 34.3 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# 1434

Delta R.T. -0.01 min

Lab File: BG031728.D

Acq: 23 Dec 2017 1:40

Tgt Ion: 136 Resp: 217616

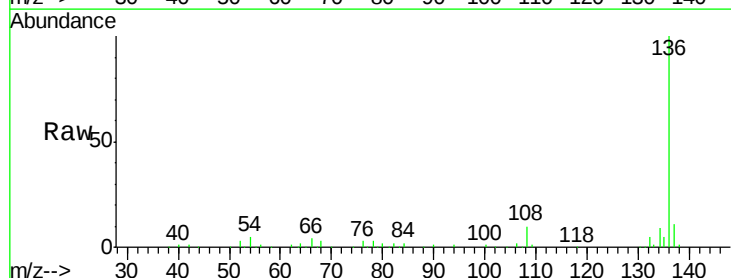
Ion Ratio Lower Upper

136 100

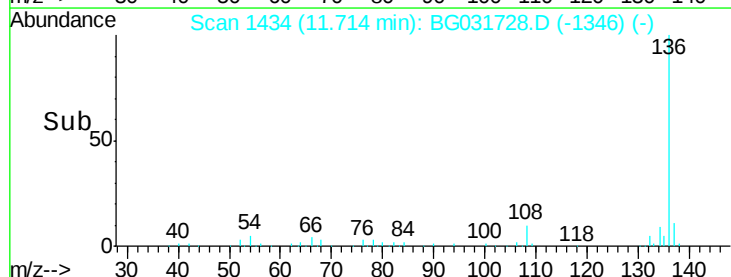
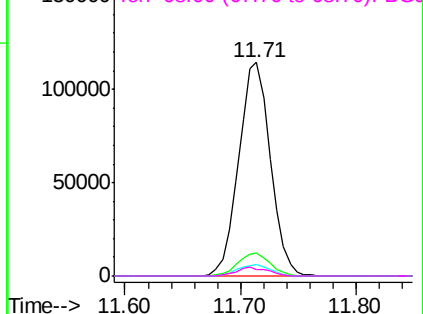
137 11.0 9.2 13.8

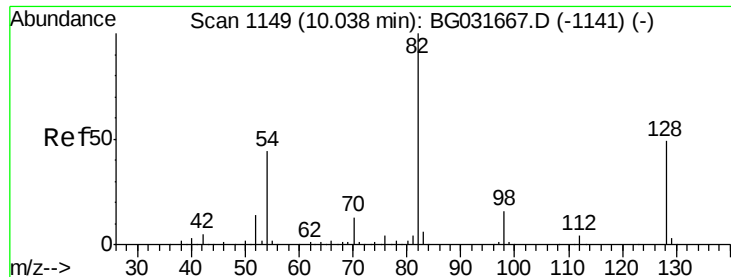
54 5.4 10.3 15.5#

68 3.2 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

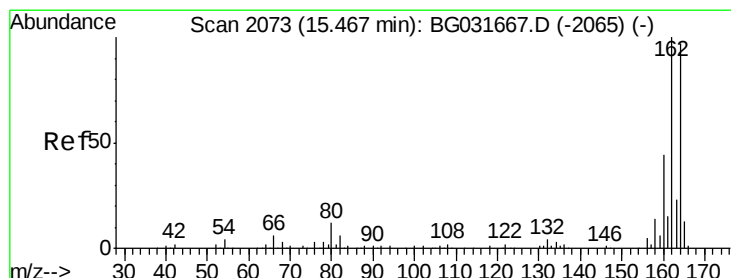
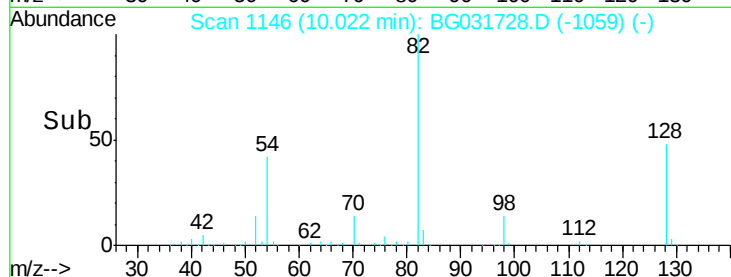
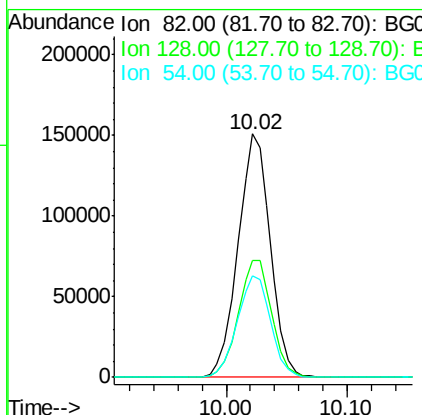
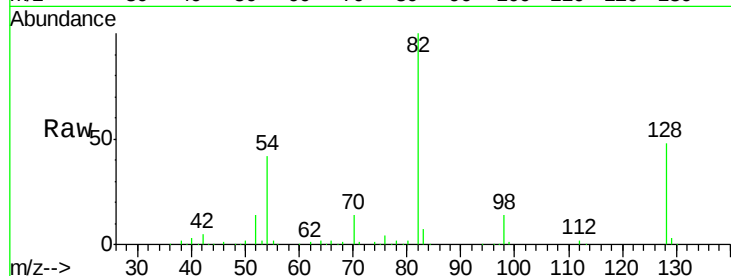




#23
 Nitrobenzene-d5
 Concen: 97.233 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BG031728.D
 Acq: 23 Dec 2017 1:40

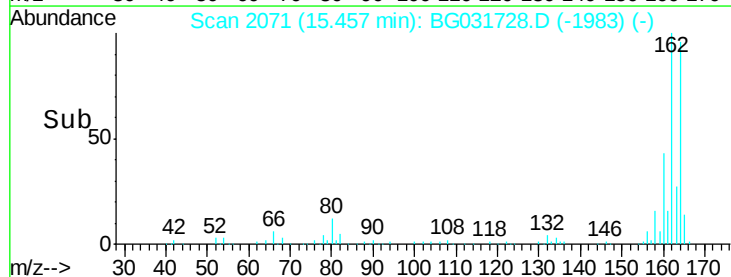
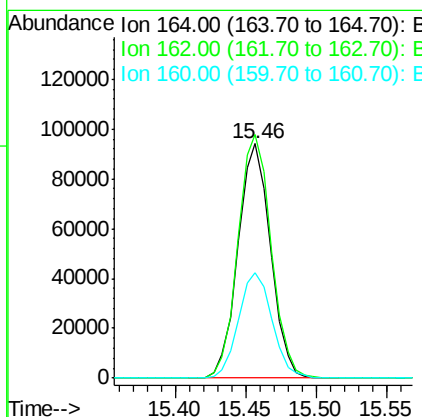
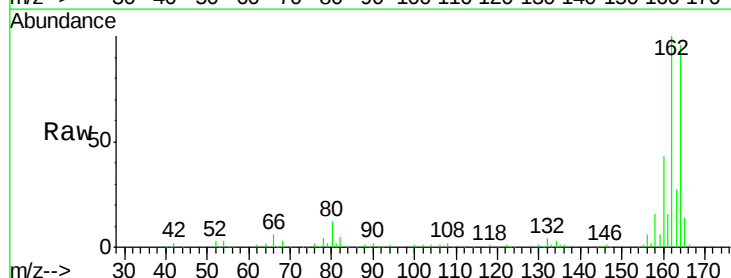
Instrument :
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 ClientSampleId :
 C-MW-11-121817

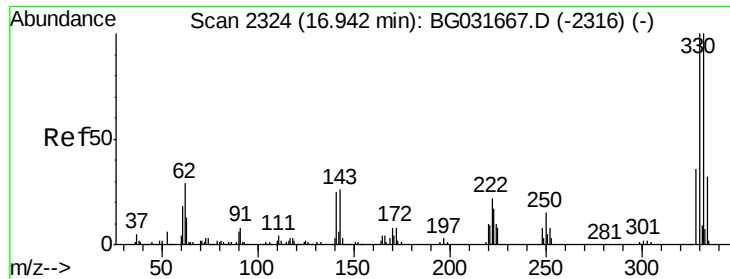
Tgt Ion: 82 Resp: 280212
 Ion Ratio Lower Upper
 82 100
 128 48.0 29.7 44.5#
 54 41.8 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG031728.D
 Acq: 23 Dec 2017 1:40

Tgt Ion: 164 Resp: 151661
 Ion Ratio Lower Upper
 164 100
 162 104.0 78.8 118.2
 160 45.2 35.4 53.0

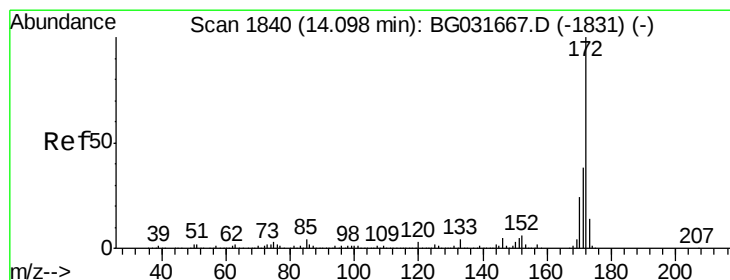
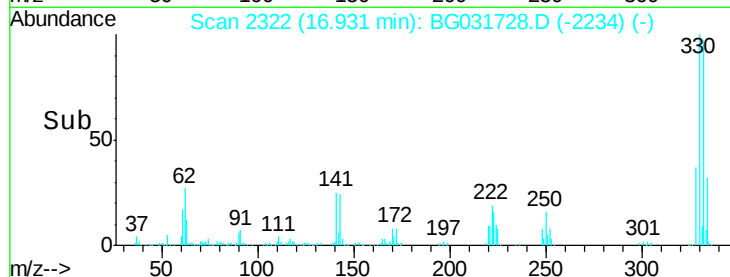
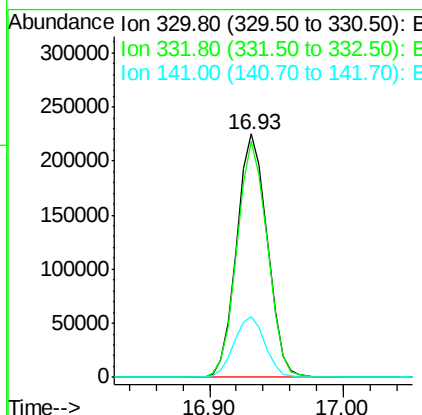
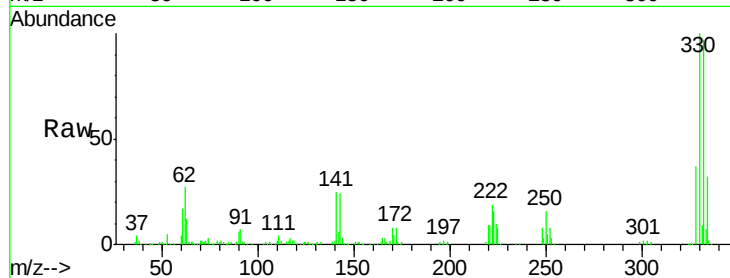




#41
 2,4,6-Tribromophenol
 Concen: 154.382 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031728.D
 Acq: 23 Dec 2017 1:40

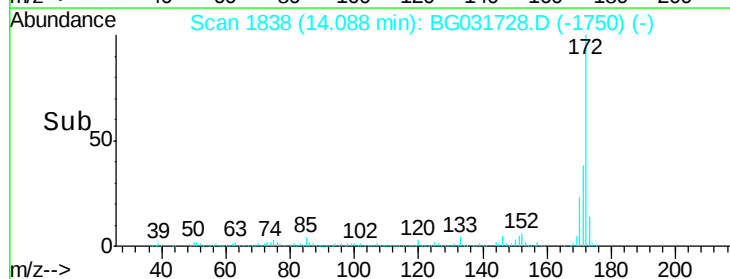
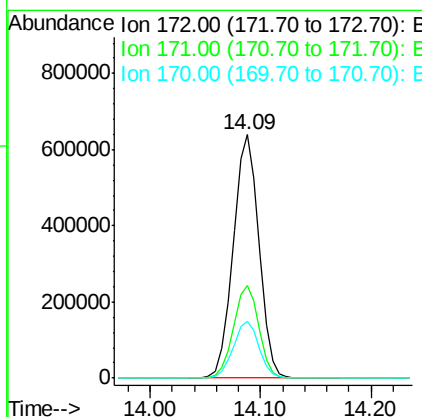
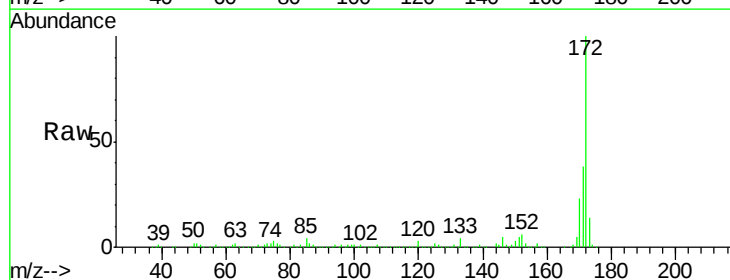
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 ClientSampleId :
 C-MW-11-121817

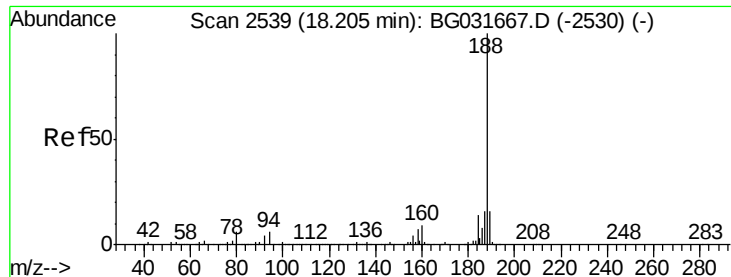
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	25.2	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 86.065 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031728.D
 Acq: 23 Dec 2017 1:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	23.4	19.5	29.3

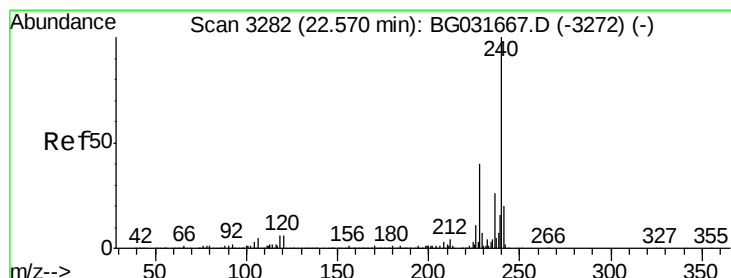
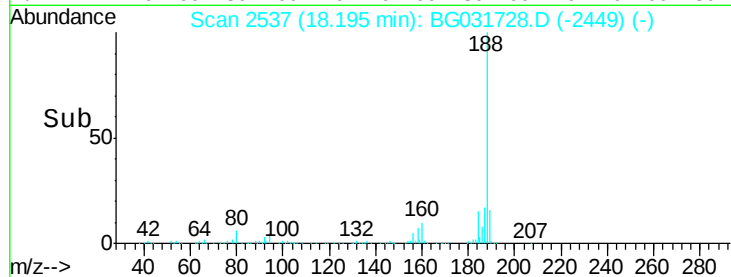
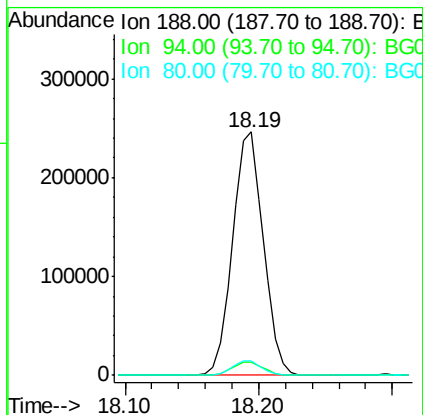
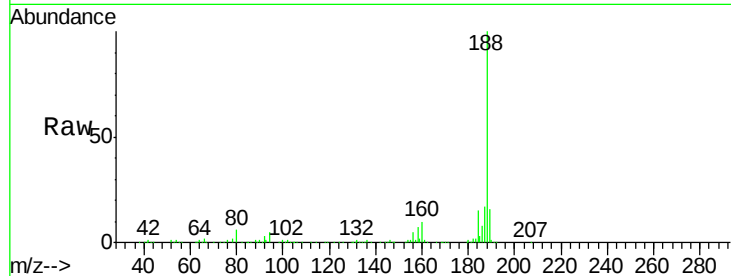




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031728.D
Acq: 23 Dec 2017 1:40

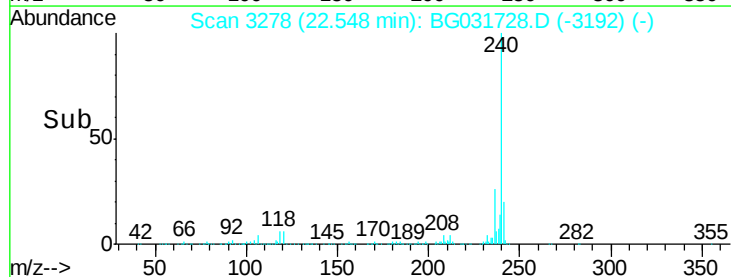
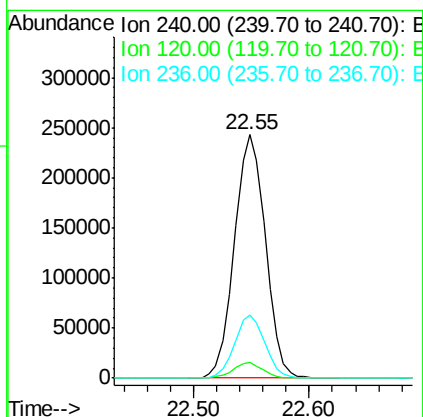
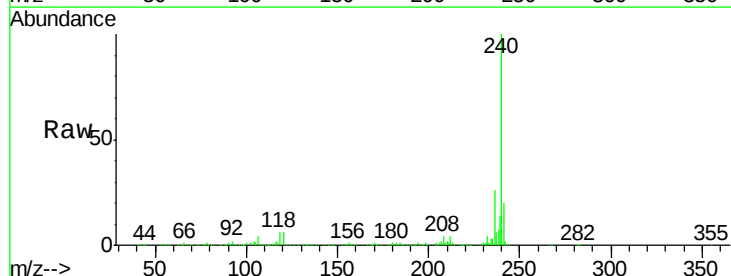
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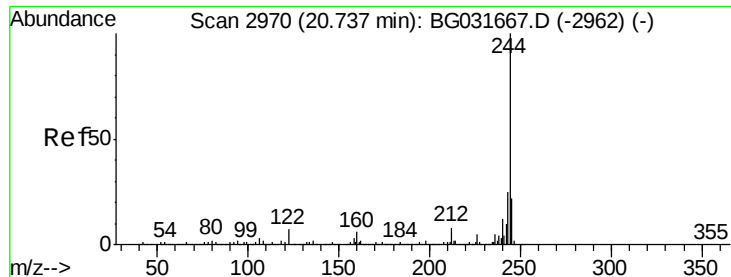
Tgt Ion:188 Resp: 393871
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 5.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.02 min
Lab File: BG031728.D
Acq: 23 Dec 2017 1:40

Tgt Ion:240 Resp: 451640
Ion Ratio Lower Upper
240 100
120 6.3 6.8 10.2#
236 25.7 20.9 31.3

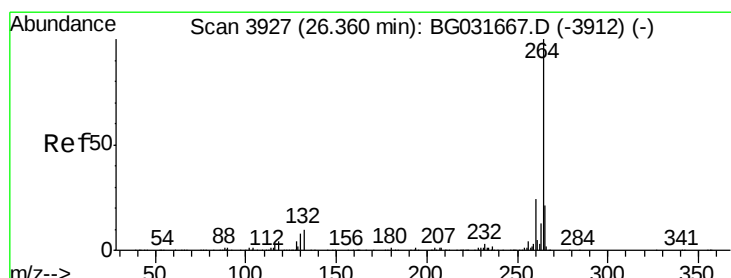
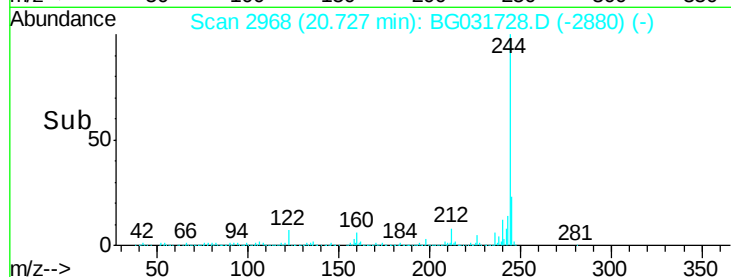
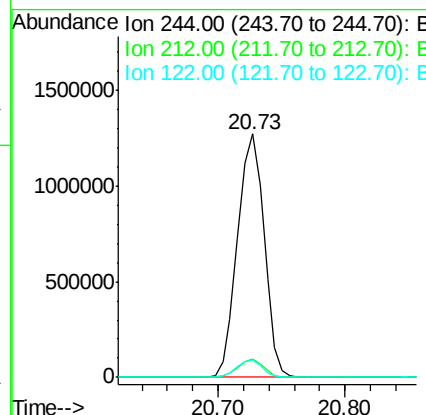
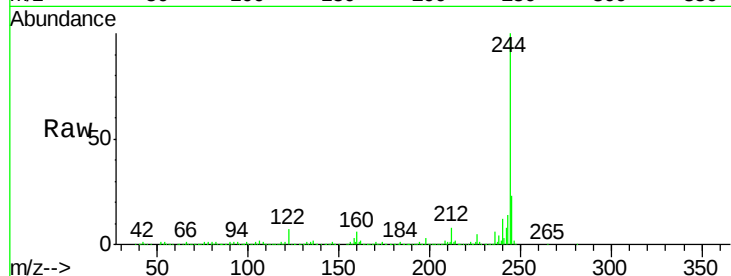




#78
 Terphenyl-d14
 Concen: 93.708 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG031728.D
 Acq: 23 Dec 2017 1:40

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-11-121817

Tgt Ion:244 Resp: 1852472
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 7.0 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3922
 Delta R.T. -0.03 min
 Lab File: BG031728.D
 Acq: 23 Dec 2017 1:40

Tgt Ion:264 Resp: 487351
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.4 26.0
 265 20.9 17.7 26.5

