

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
 Data File : BG031738.D
 Acq On : 23 Dec 2017 8:17
 Operator : SJ/JU
 Sample : I7004-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-121917

Quant Time: Dec 25 06:17:56 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	50619	20.00	ng	0.00
21) Naphthalene-d8	11.71	136	209141	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	144664	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	372650	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	432498	20.00	ng	-0.02
86) Perylene-d12	26.34	264	458603	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	165143	59.42	ng	-0.01
7) Phenol-d6	7.92	99	130415	36.14	ng	-0.01
23) Nitrobenzene-d5	10.02	82	278469	100.54	ng	-0.02
41) 2,4,6-Tribromophenol	16.93	330	350896	158.97	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	1061983	92.14	ng	-0.01
78) Terphenyl-d14	20.73	244	1887862	99.73	ng	-0.01

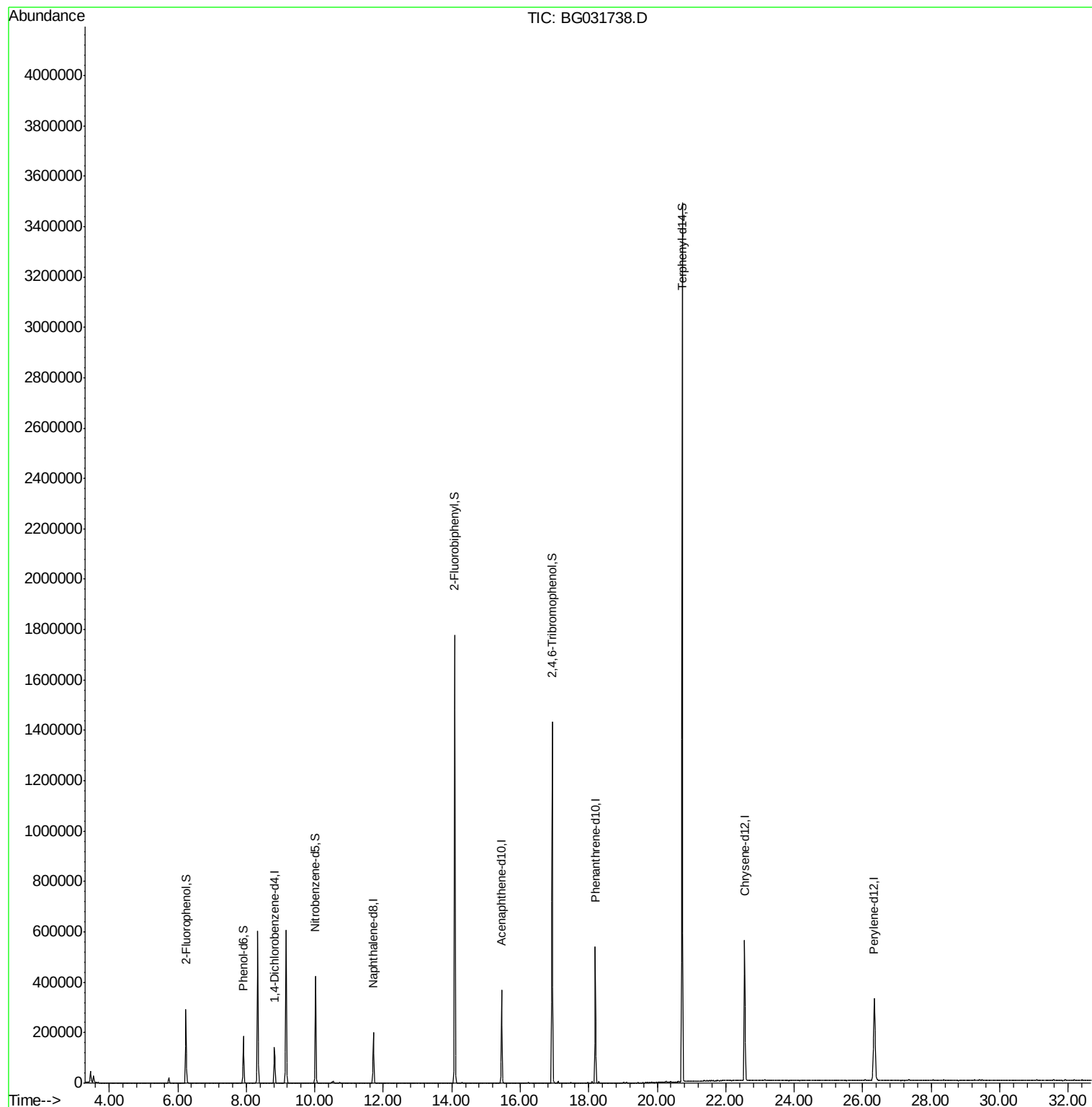
Target Compounds	Qvalue
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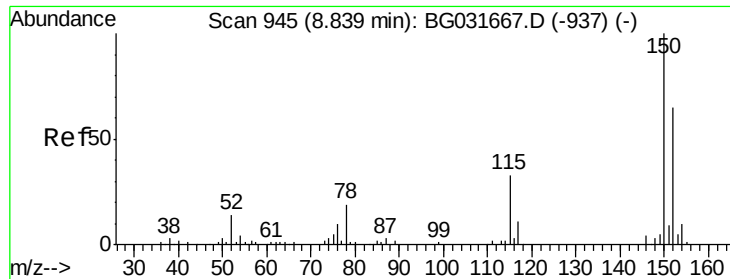
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.01 min

Lab File: BG031738.D

Acq: 23 Dec 2017 8:17

Instrument :

BNA_G

ClientSampleId :

FB-121917

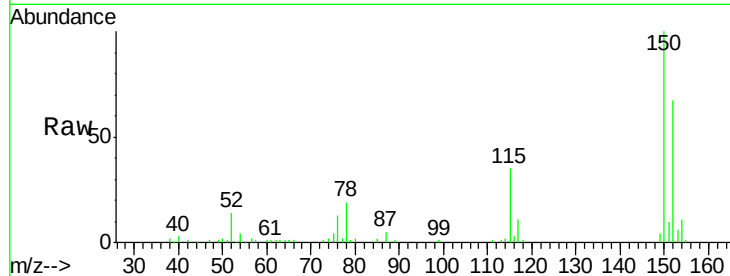
Tgt Ion:152 Resp: 50619

Ion Ratio Lower Upper

152 100

150 149.7 126.6 189.8

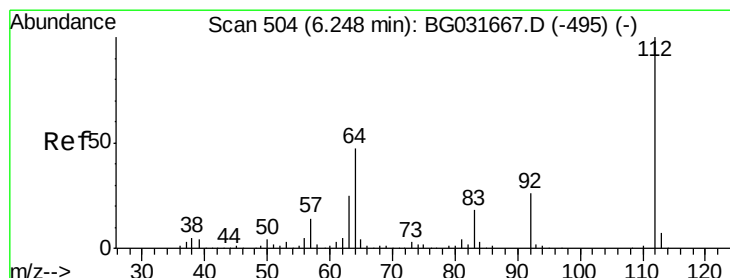
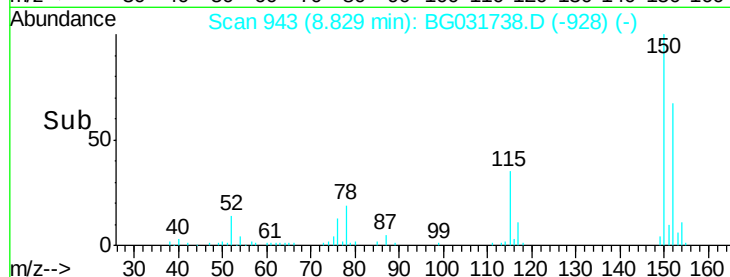
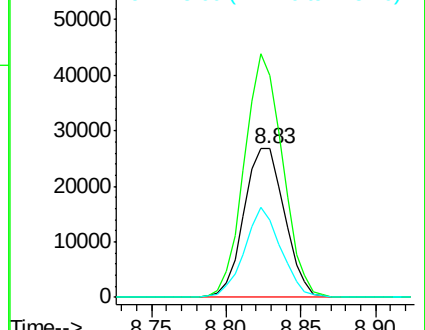
115 52.0 53.0 79.4#



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: 59.422 ng

RT: 6.24 min Scan# 502

Delta R.T. -0.01 min

Lab File: BG031738.D

Acq: 23 Dec 2017 8:17

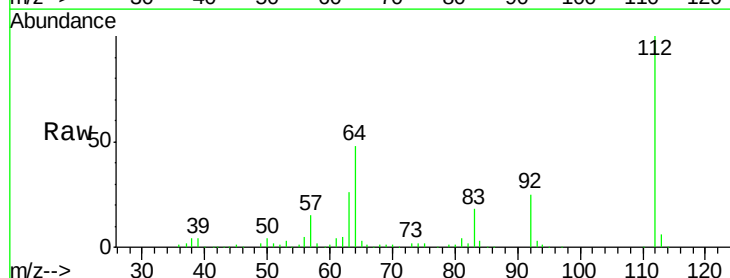
Tgt Ion:112 Resp: 165143

Ion Ratio Lower Upper

112 100

64 48.4 56.3 84.5#

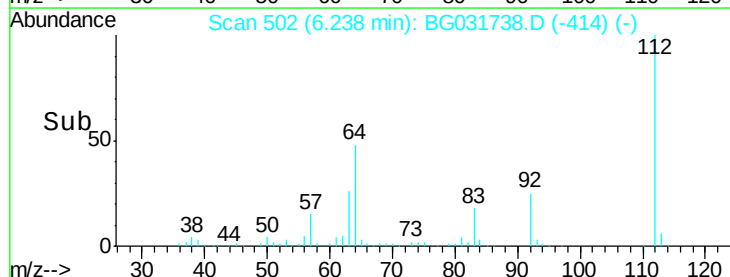
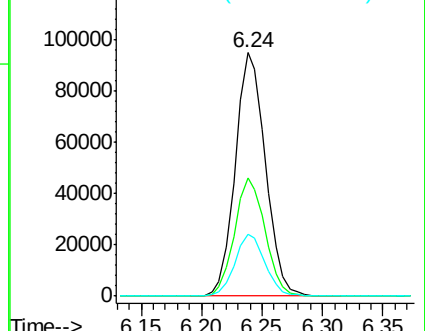
63 25.6 30.1 45.1#

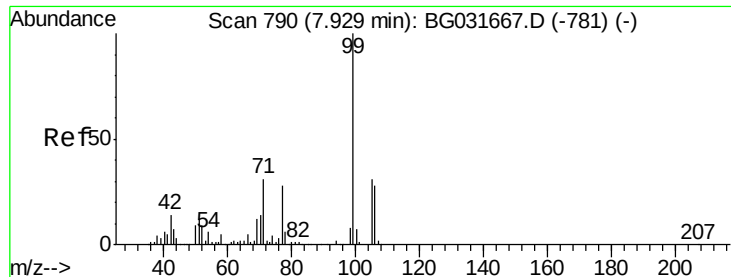


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 36.144 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031738.D

Acq: 23 Dec 2017 8:17

Instrument :

BNA_G

ClientSampleId :

FB-121917

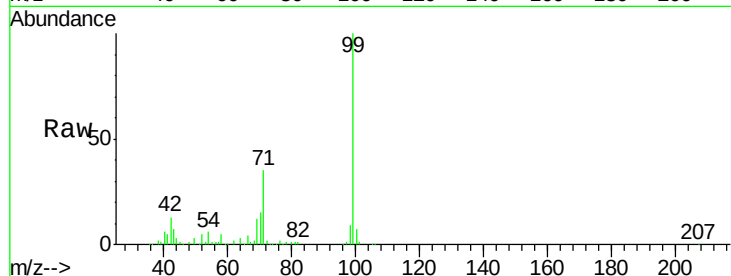
Tgt Ion: 99 Resp: 130415

Ion Ratio Lower Upper

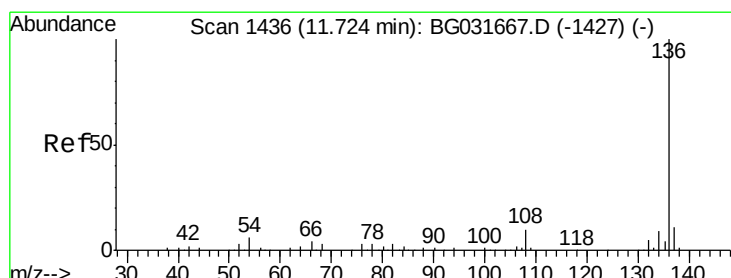
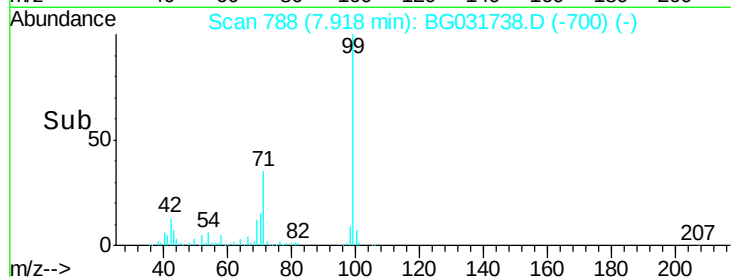
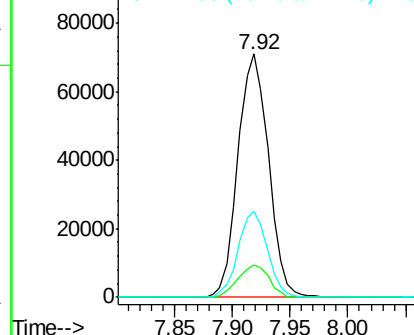
99 100

42 13.4 14.1 21.1#

71 35.5 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: BG031738.D

Acq: 23 Dec 2017 8:17

Tgt Ion: 136 Resp: 209141

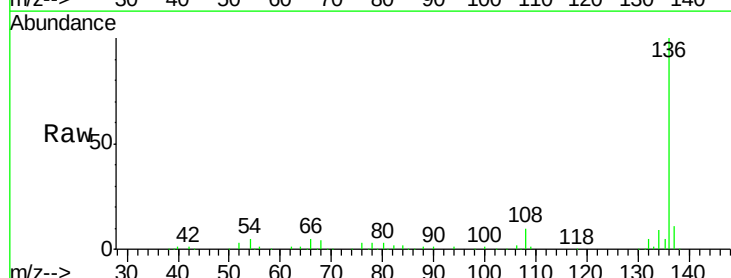
Ion Ratio Lower Upper

136 100

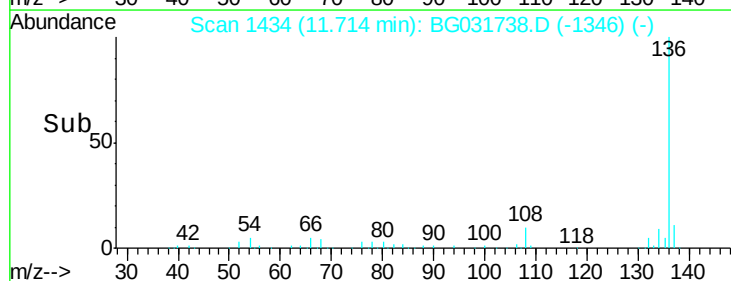
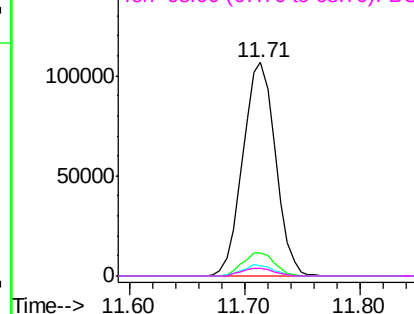
137 10.7 9.2 13.8

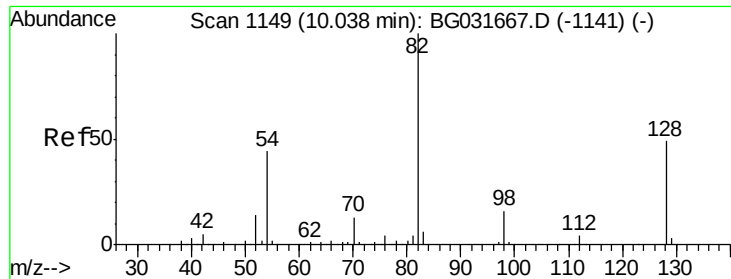
54 4.7 10.3 15.5#

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

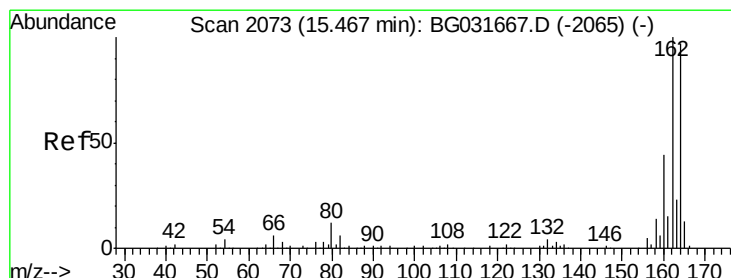
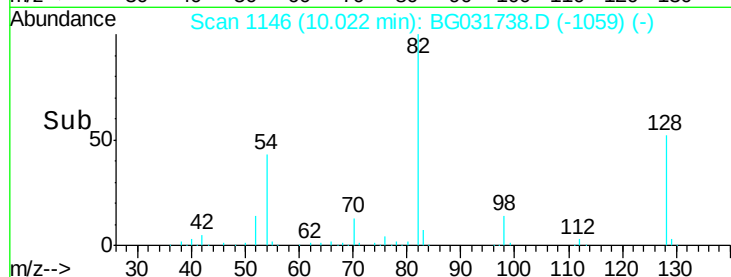
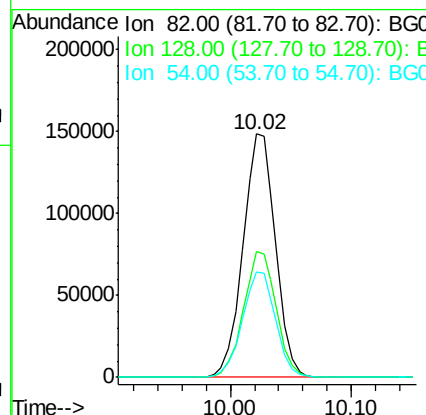
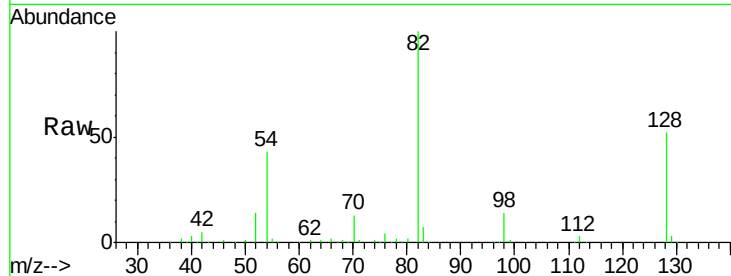




#23
 Nitrobenzene-d5
 Concen: 100.544 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BG031738.D
 Acq: 23 Dec 2017 8:17

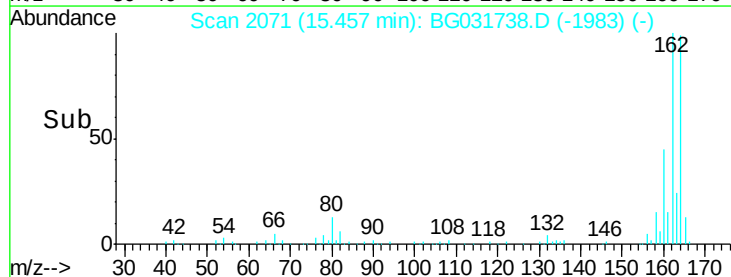
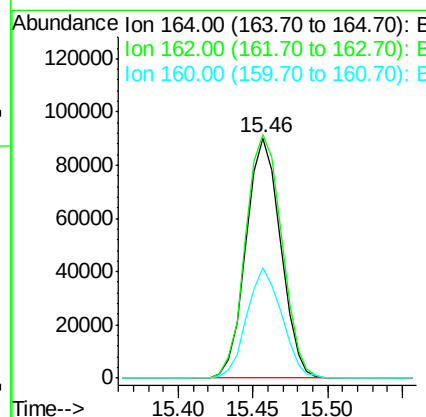
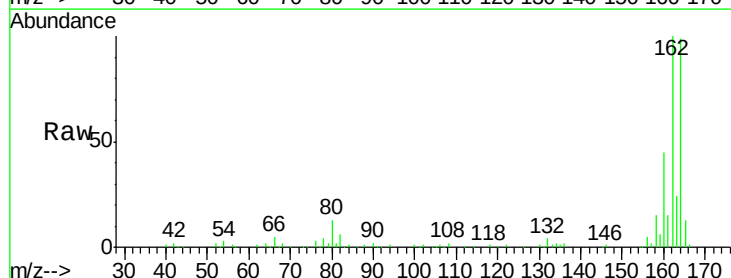
Instrument :
 BNA_G
 ClientSampleId :
 FB-121917

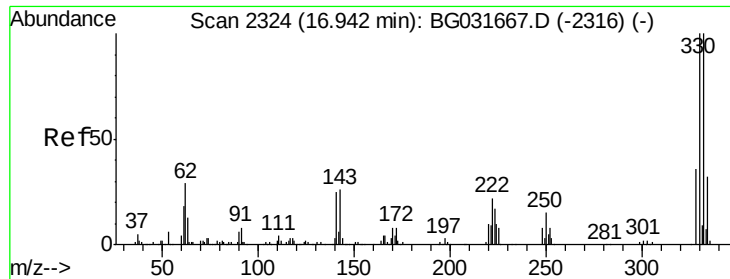
Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.7	29.7	44.5
54	43.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG031738.D
 Acq: 23 Dec 2017 8:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	46.0	35.4	53.0

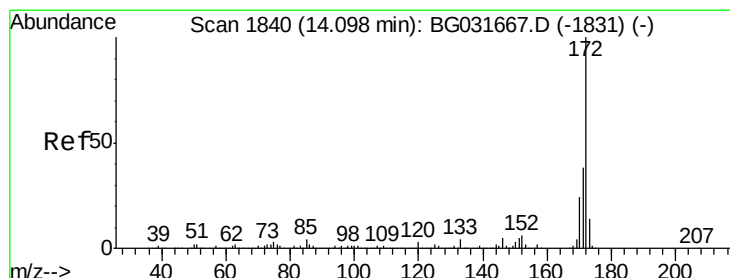
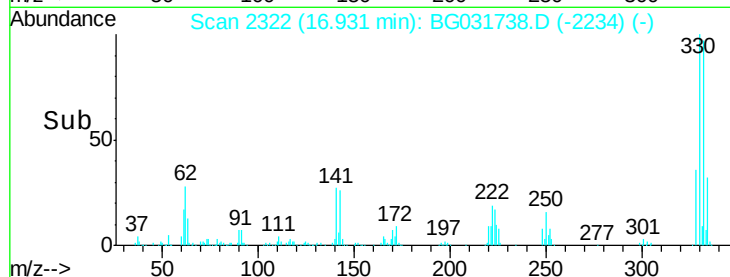
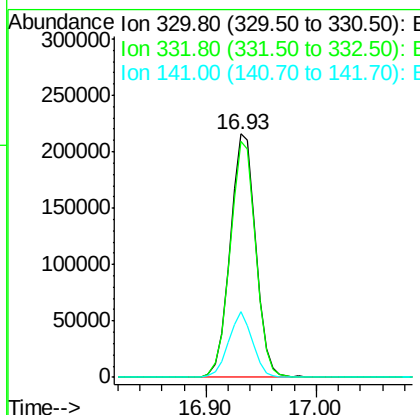
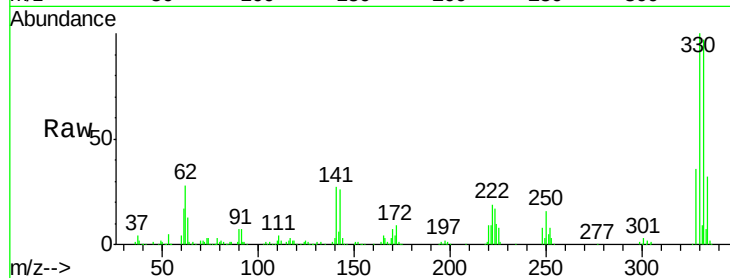




#41
 2,4,6-Tribromophenol
 Concen: 158.965 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031738.D
 Acq: 23 Dec 2017 8:17

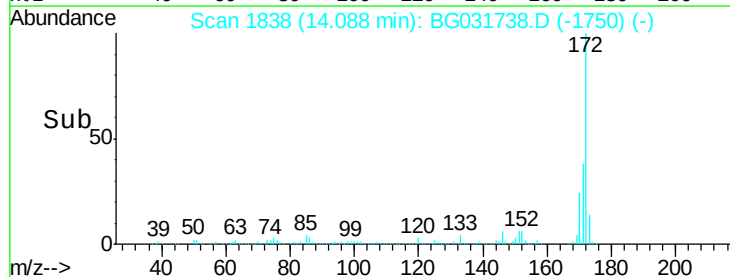
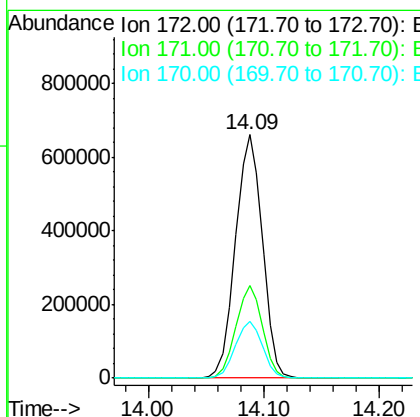
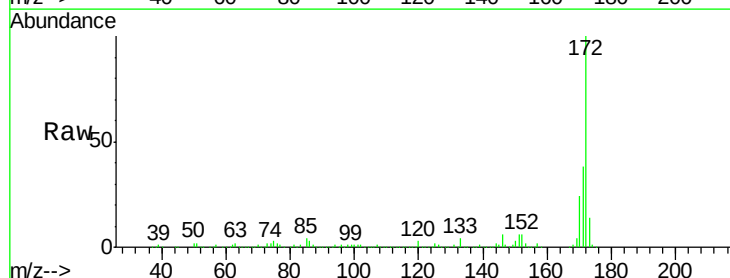
Instrument :
 BNA_G
 ClientSampleId :
 FB-121917

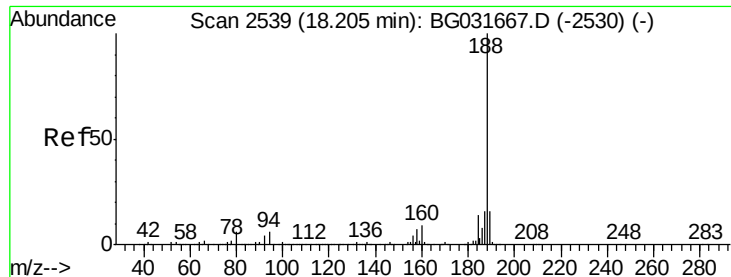
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	25.3	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 92.140 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031738.D
 Acq: 23 Dec 2017 8:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.6	19.5	29.3

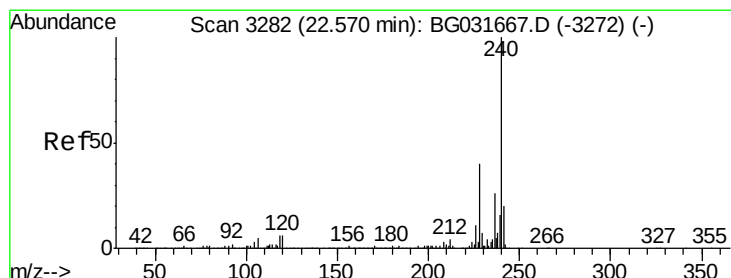
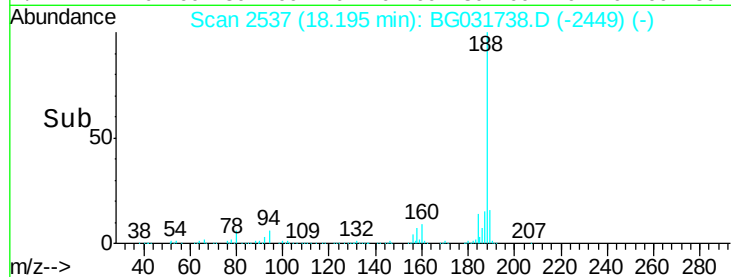
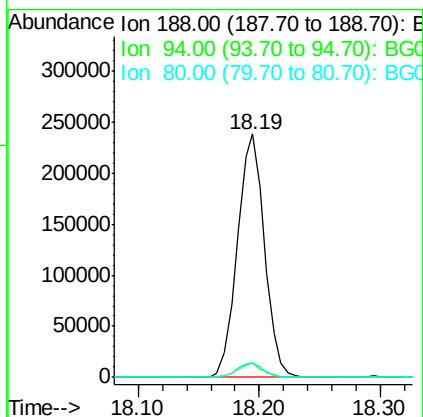
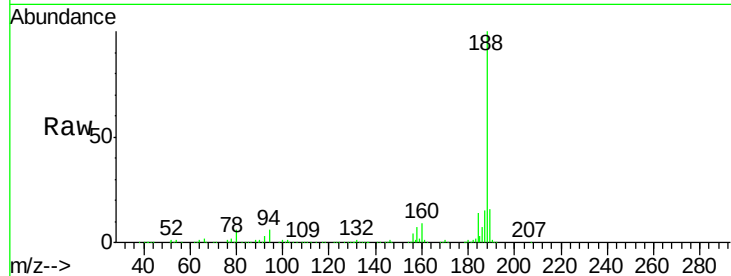




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031738.D
Acq: 23 Dec 2017 8:17

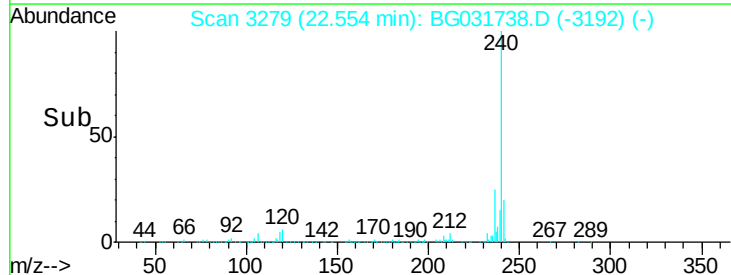
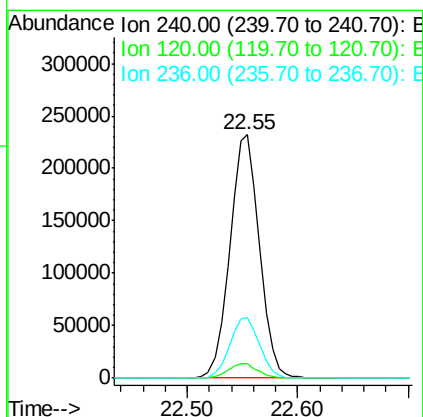
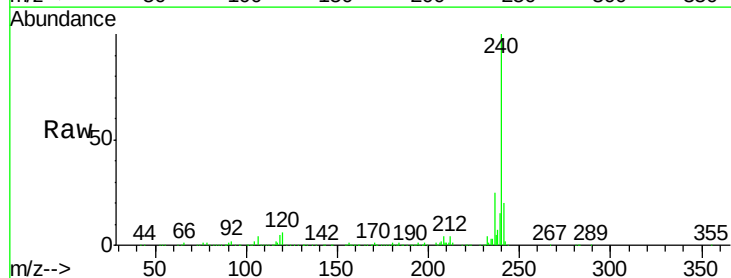
Instrument :
BNA_G
ClientSampleId :
FB-121917

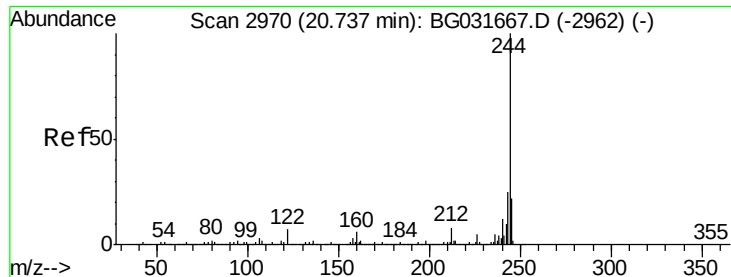
Tgt Ion:188 Resp: 372650
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 5.9 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031738.D
Acq: 23 Dec 2017 8:17

Tgt Ion:240 Resp: 432498
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 24.8 20.9 31.3





#78

Terphenyl-d14

Concen: 99.725 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031738.D

Acq: 23 Dec 2017 8:17

Instrument :

BNA_G

ClientSampleId :

FB-121917

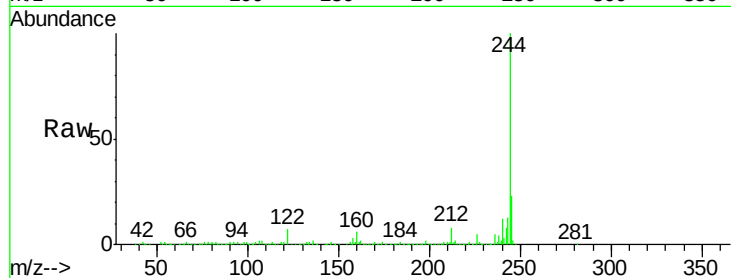
Tgt Ion:244 Resp: 1887862

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

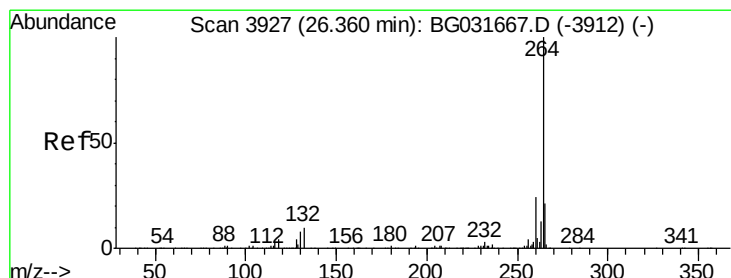
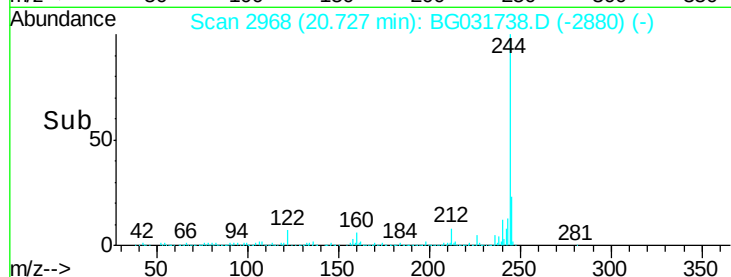
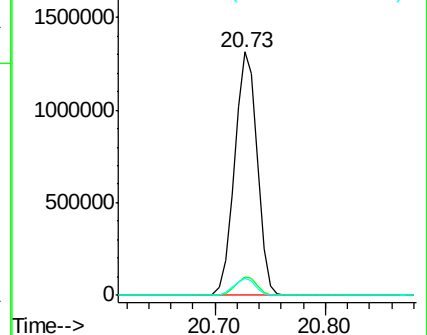
122 7.3 7.0 10.4



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# 3924

Delta R.T. -0.02 min

Lab File: BG031738.D

Acq: 23 Dec 2017 8:17

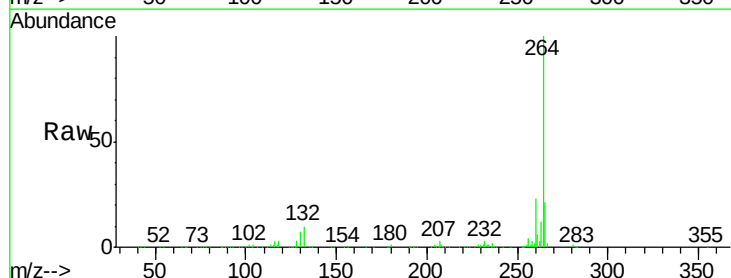
Tgt Ion:264 Resp: 458603

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.5 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

