

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG013018\
 Data File : BG032457.D
 Acq On : 31 Jan 2018 00:45
 Operator : SJ/JU
 Sample : J1364-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Jan 31 03:56:30 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	28608	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	108213	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	74697	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	203777	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	262167	20.00	ng	-0.02
86) Perylene-d12	26.08	264	286015	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	76073	53.41	ng	0.00
7) Phenol-d6	7.84	99	49314	25.95	ng	0.00
23) Nitrobenzene-d5	9.91	82	162433	93.76	ng	-0.01
41) 2,4,6-Tribromophenol	16.83	330	215416	151.50	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	587721	93.52	ng	-0.01
78) Terphenyl-d14	20.62	244	1169036	95.52	ng	-0.01

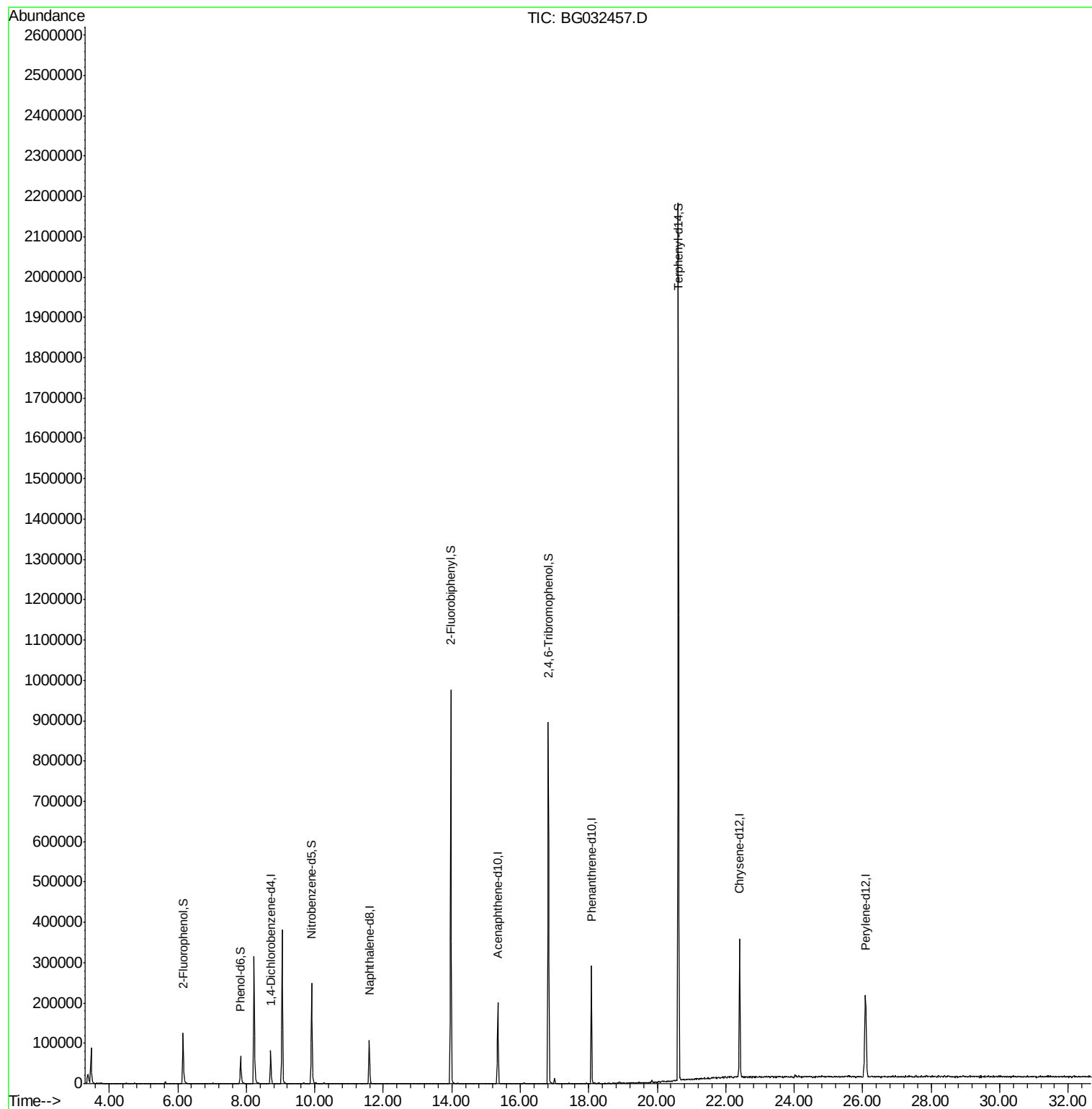
Target Compounds	Qvalue
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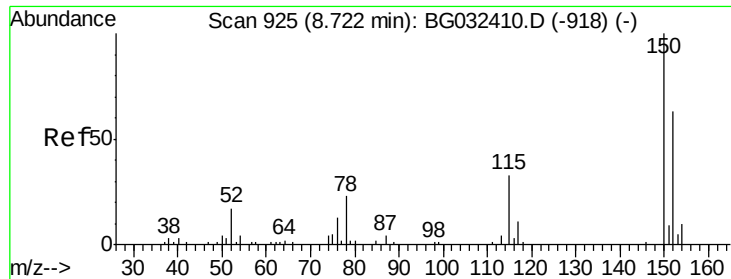
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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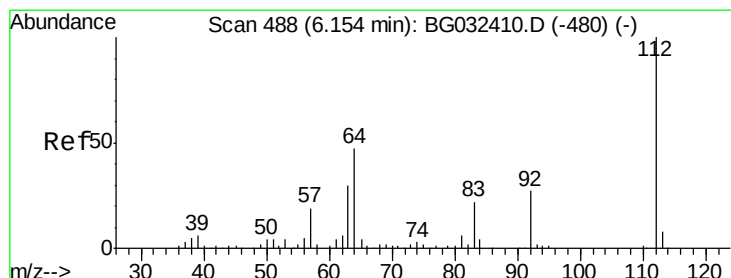
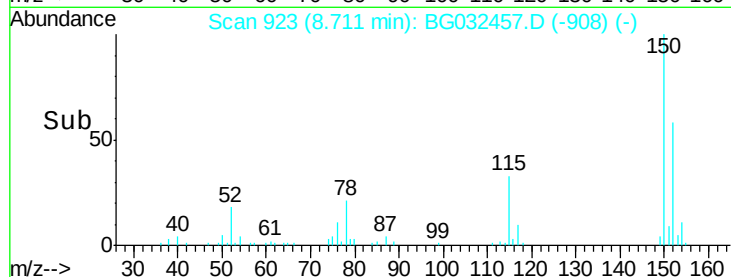
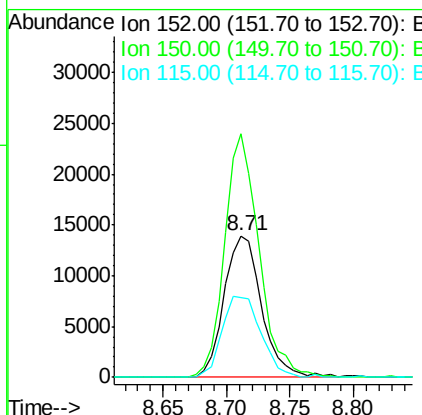
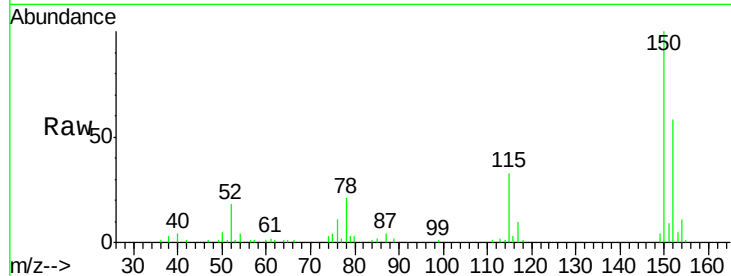


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032457.D
Acq: 31 Jan 2018 00:45

Instrument :
BNA_G
ClientSampleId :
EQUIPMENT-BLANK

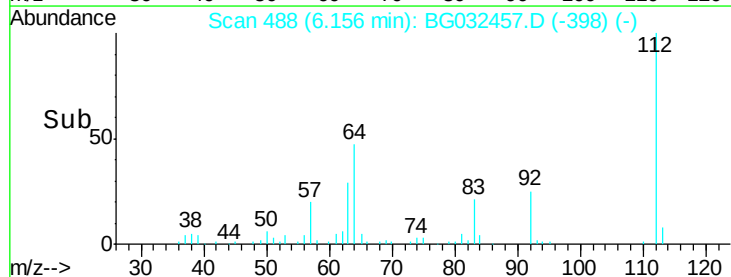
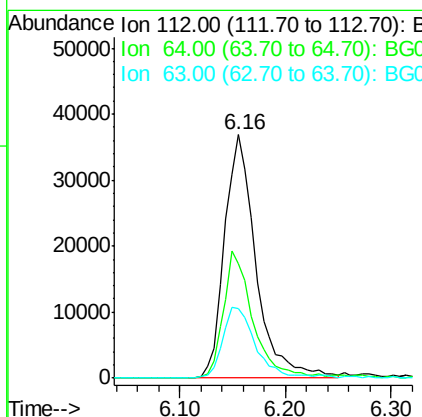
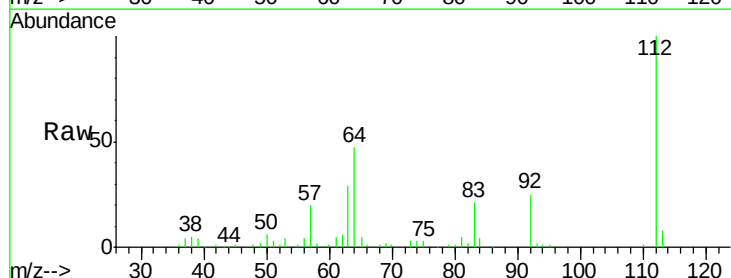
Tgt Ion:152 Resp: 28608
Ion Ratio Lower Upper
152 100
150 172.0 126.6 189.8
115 56.0 53.0 79.4

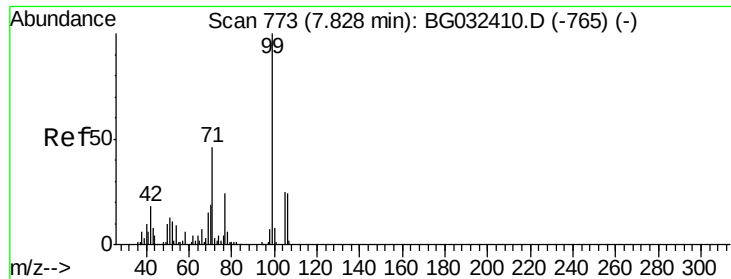


#5

2-Fluorophenol
Concen: 53.411 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032457.D
Acq: 31 Jan 2018 00:45

Tgt Ion:112 Resp: 76073
Ion Ratio Lower Upper
112 100
64 46.9 56.3 84.5#
63 28.7 30.1 45.1#





#7

Phenol-d6

Concen: 25.946 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032457.D

Acq: 31 Jan 2018 00:45

Instrument :

BNA_G

ClientSampleId :

EQUIPMENT-BLANK

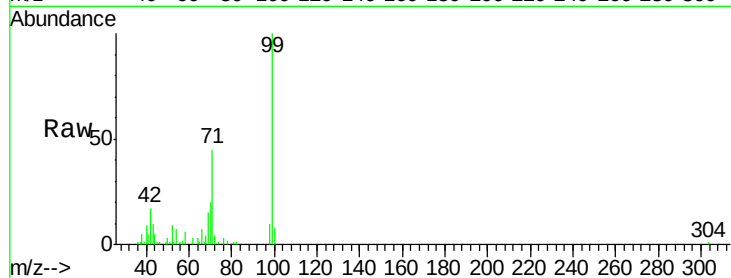
Tgt Ion: 99 Resp: 49314

Ion Ratio Lower Upper

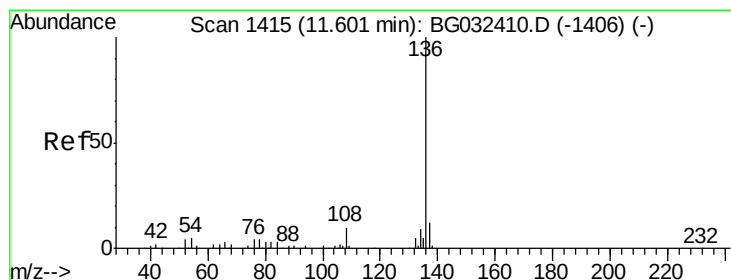
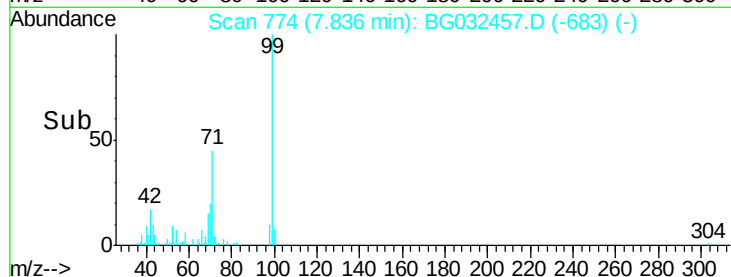
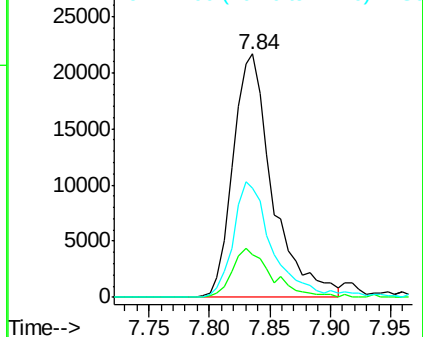
99 100

42 17.3 14.1 21.1

71 45.0 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032457.D

Acq: 31 Jan 2018 00:45

Tgt Ion: 136 Resp: 108213

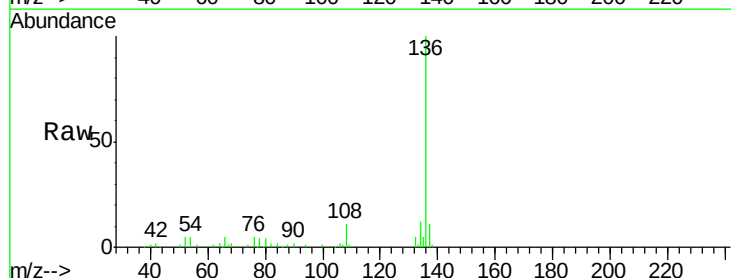
Ion Ratio Lower Upper

136 100

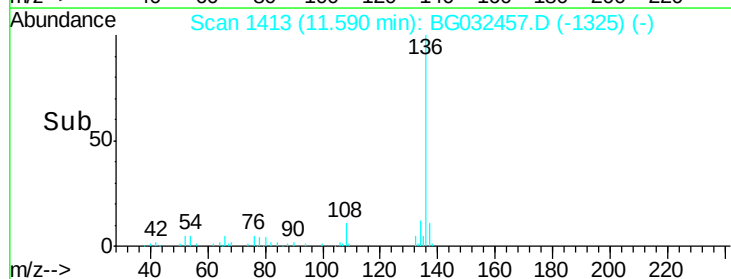
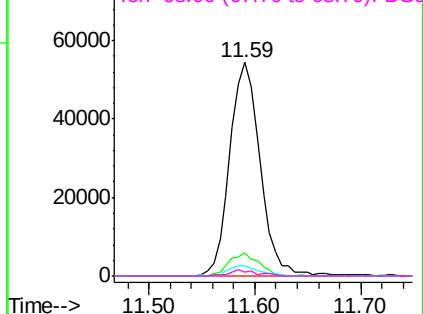
137 10.9 9.2 13.8

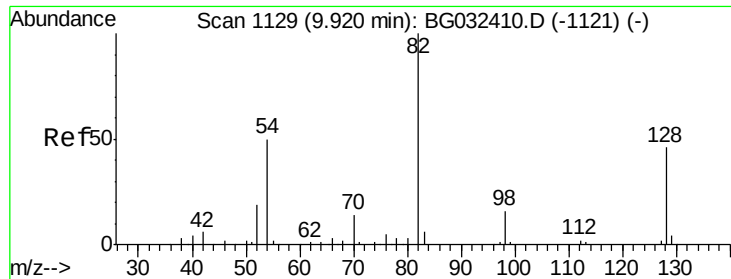
54 4.9 10.3 15.5#

68 1.9 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

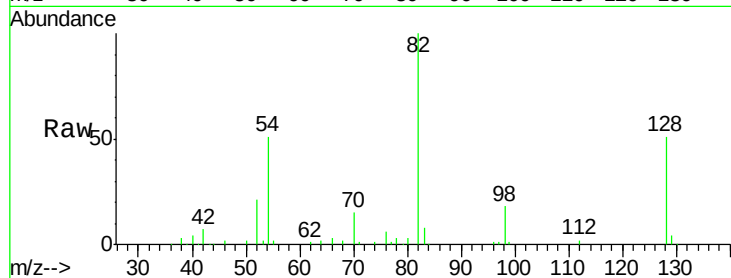




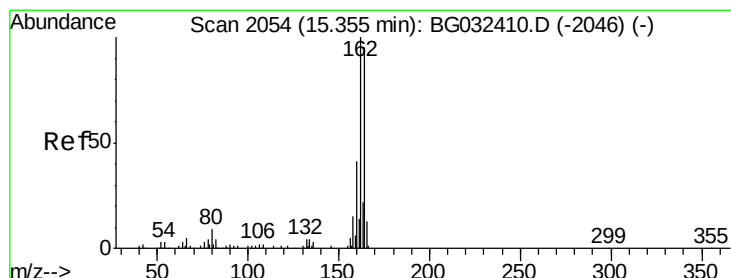
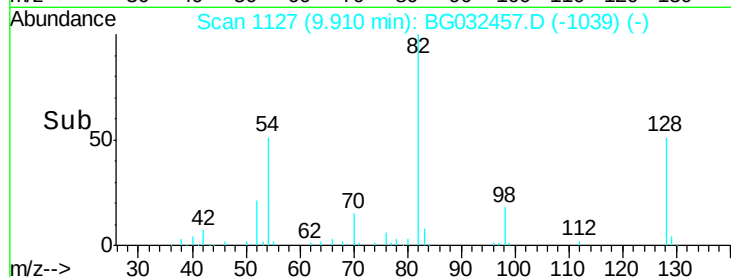
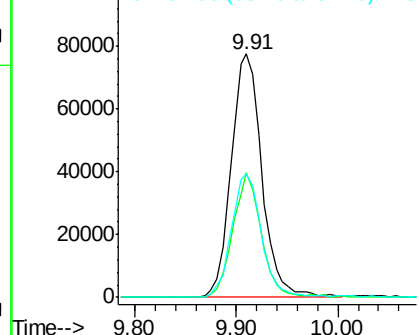
#23
 Nitrobenzene-d5
 Concen: 93.756 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032457.D
 Acq: 31 Jan 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion: 82 Resp: 162433
 Ion Ratio Lower Upper
 82 100
 128 51.0 29.7 44.5#
 54 50.6 43.1 64.7

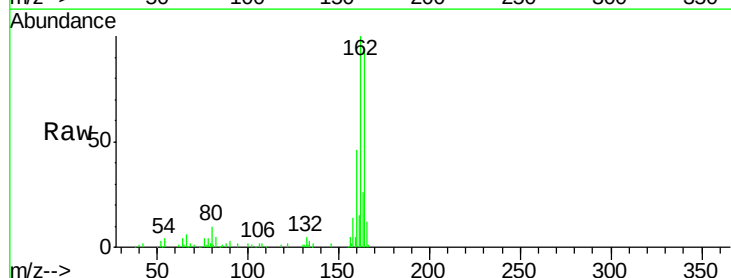


Abundance Ion 82.00 (81.70 to 82.70): BG
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): B

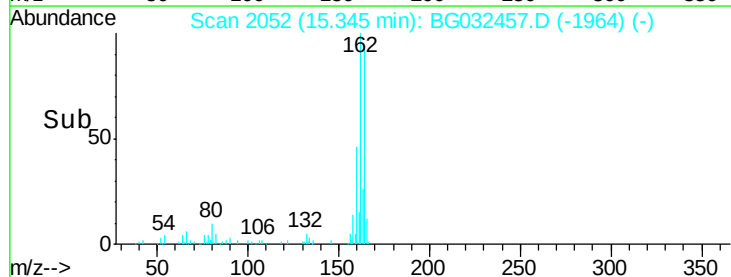
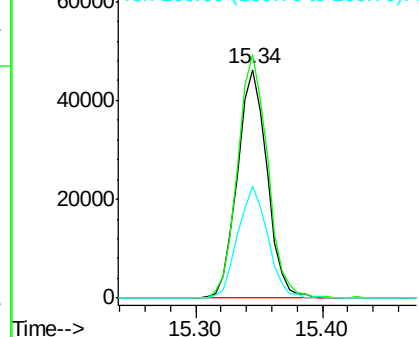


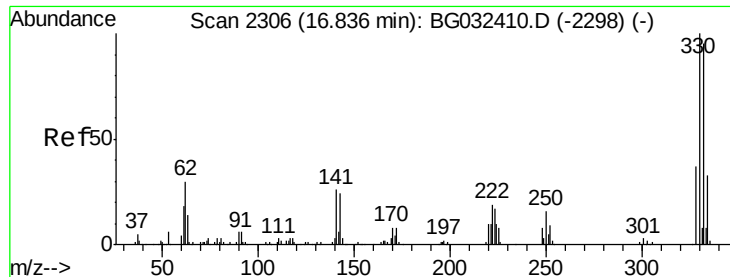
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032457.D
 Acq: 31 Jan 2018 00:45

Tgt Ion: 164 Resp: 74697
 Ion Ratio Lower Upper
 164 100
 162 106.7 78.8 118.2
 160 48.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

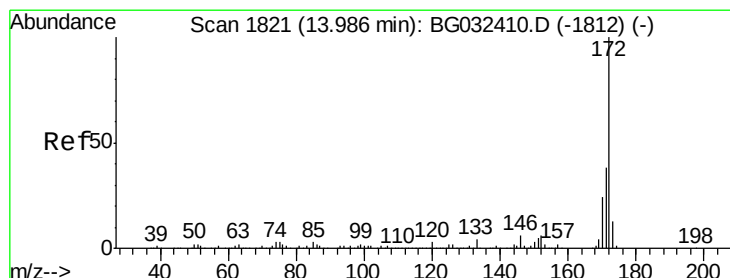
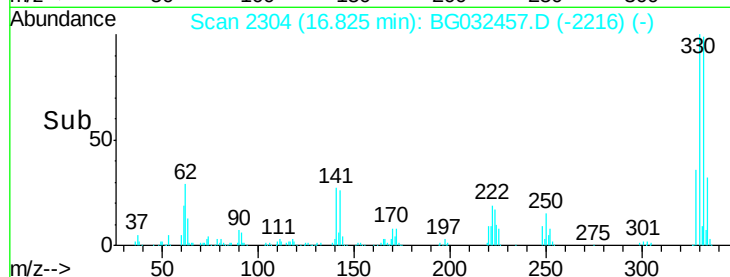
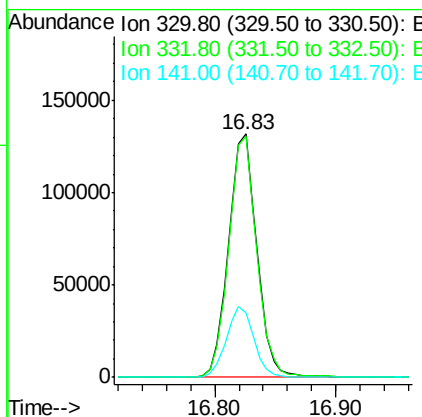
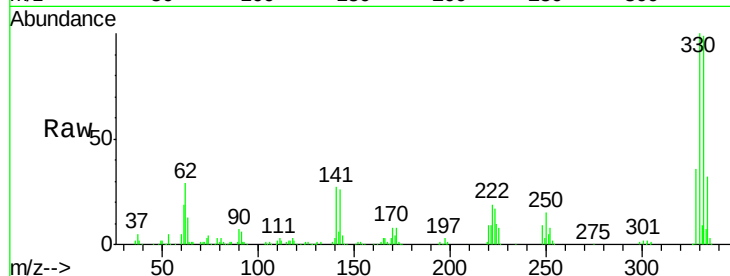




#41
 2,4,6-Tribromophenol
 Concen: 151.503 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032457.D
 Acq: 31 Jan 2018 00:45

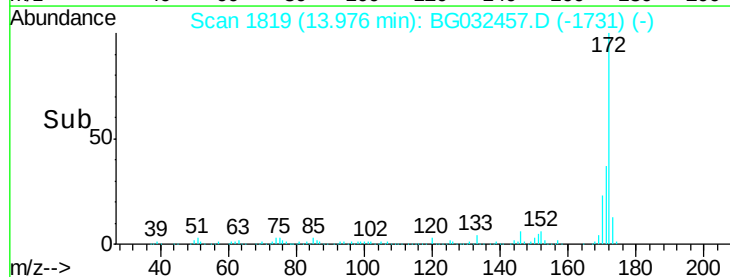
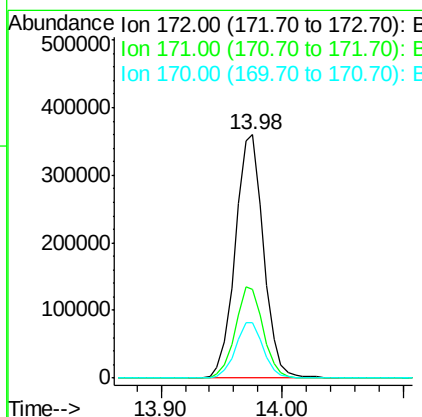
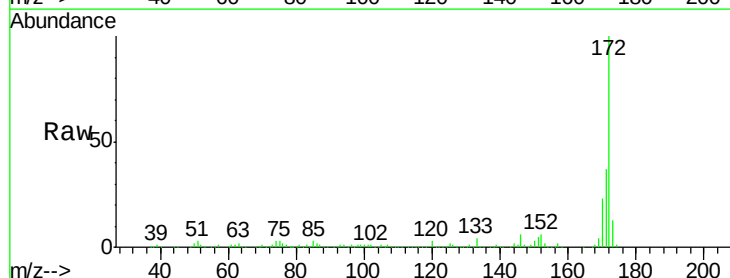
Instrument :
 BNA_G
 ClientSampleId :
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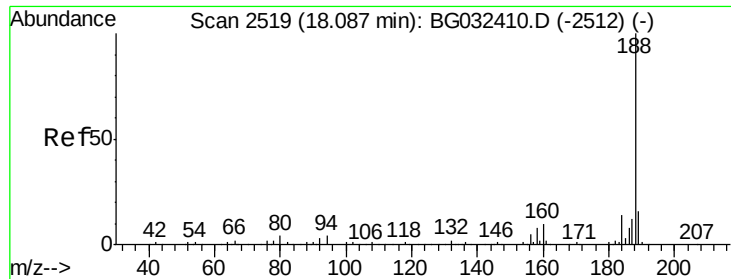
Tgt Ion:330 Resp: 215416
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.0 115.6
 141 28.4 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 93.517 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032457.D
 Acq: 31 Jan 2018 00:45

Tgt Ion:172 Resp: 587721
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.0 45.0
 170 23.0 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032457.D

Acq: 31 Jan 2018 00:45

Instrument :

BNA_G

ClientSampleId :

EQUIPMENT-BLANK

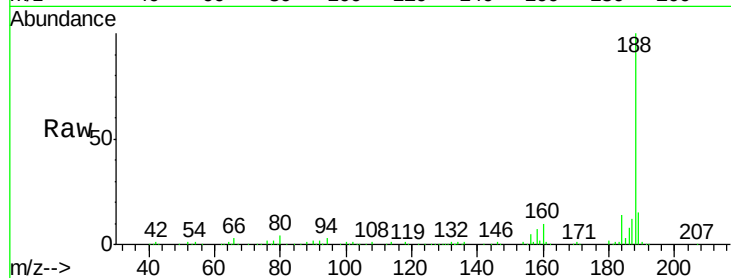
Tgt Ion:188 Resp: 203777

Ion Ratio Lower Upper

188 100

94 3.1 6.9 10.3#

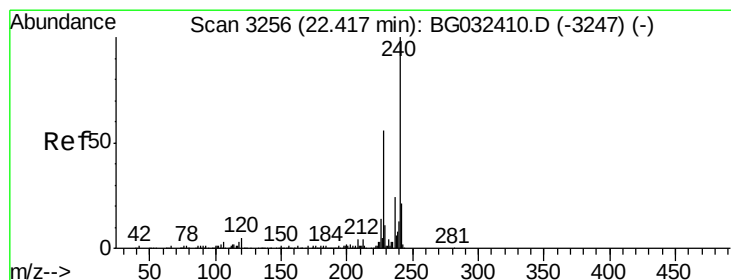
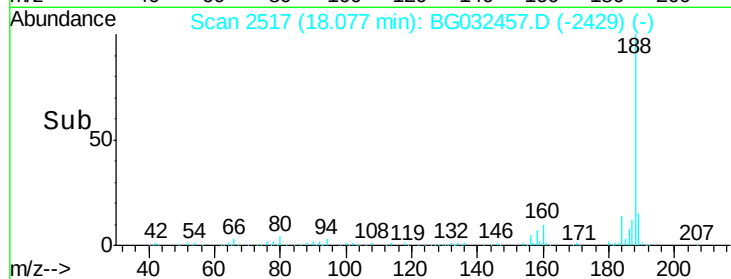
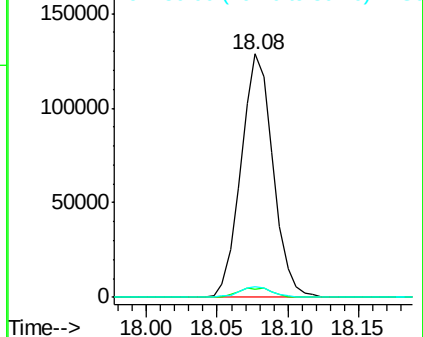
80 4.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3253

Delta R.T. -0.02 min

Lab File: BG032457.D

Acq: 31 Jan 2018 00:45

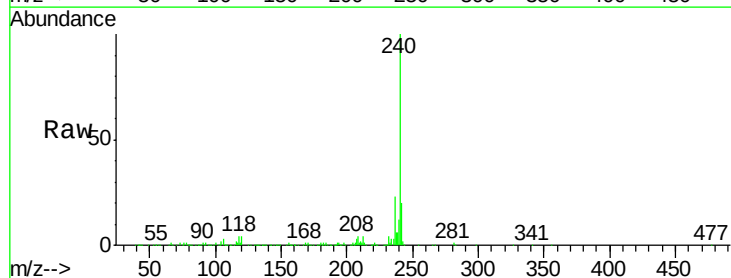
Tgt Ion:240 Resp: 262167

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

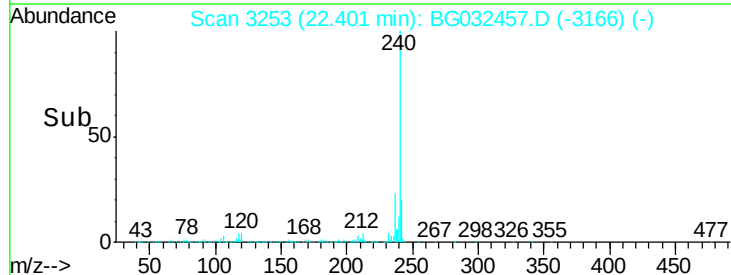
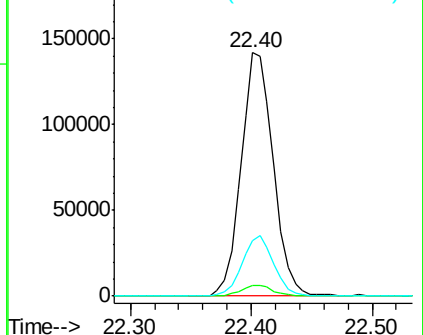
236 22.9 20.9 31.3

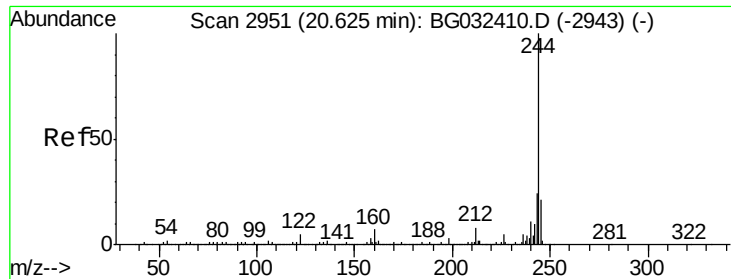


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.518 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032457.D

Acq: 31 Jan 2018 00:45

Instrument :

BNA_G

ClientSampleId :

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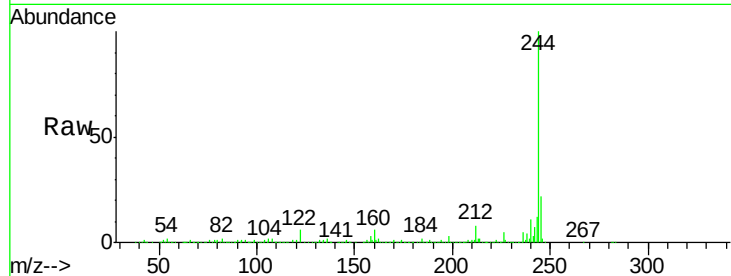
Tgt Ion:244 Resp: 1169036

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

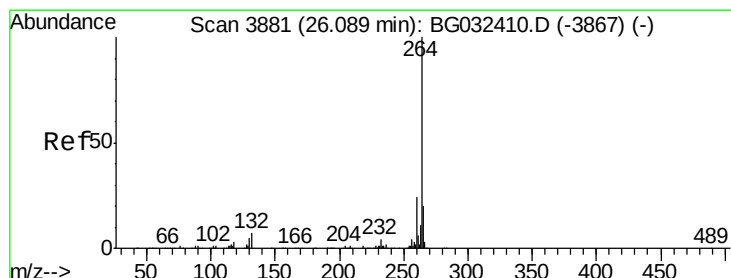
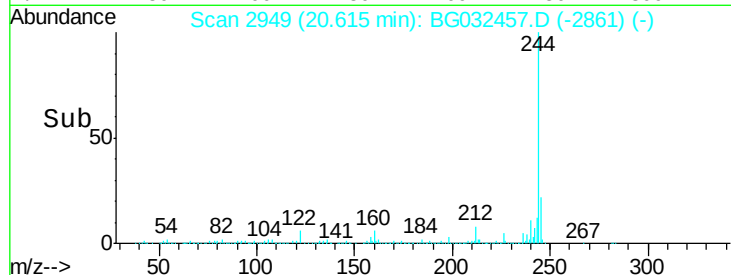
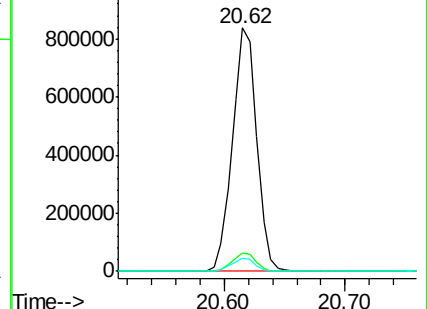
122 5.6 7.0 10.4#



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: 26.08 min Scan# 3879

Delta R.T. -0.01 min

Lab File: BG032457.D

Acq: 31 Jan 2018 00:45

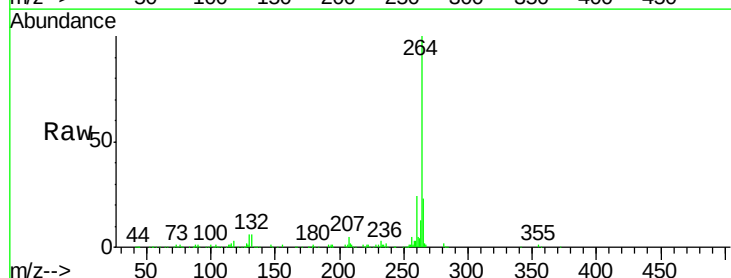
Tgt Ion:264 Resp: 286015

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 23.5 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

