

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010218\
 Data File : BG031873.D
 Acq On : 2 Jan 2018 16:09
 Operator : SJ/JU
 Sample : PB105419TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105419TB

Quant Time: Jan 02 17:35:30 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	44334	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	175680	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	118786	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	333160	20.00	ng	0.00
75) Chrysene-d12	22.49	240	408190	20.00	ng	-0.02
86) Perylene-d12	26.23	264	423035	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	355103	145.89	ng	0.00
7) Phenol-d6	7.89	99	446306	141.23	ng	0.00
23) Nitrobenzene-d5	9.98	82	240519	103.38	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	297331	164.04	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	853660	90.20	ng	0.00
78) Terphenyl-d14	20.68	244	1719649	96.25	ng	0.00

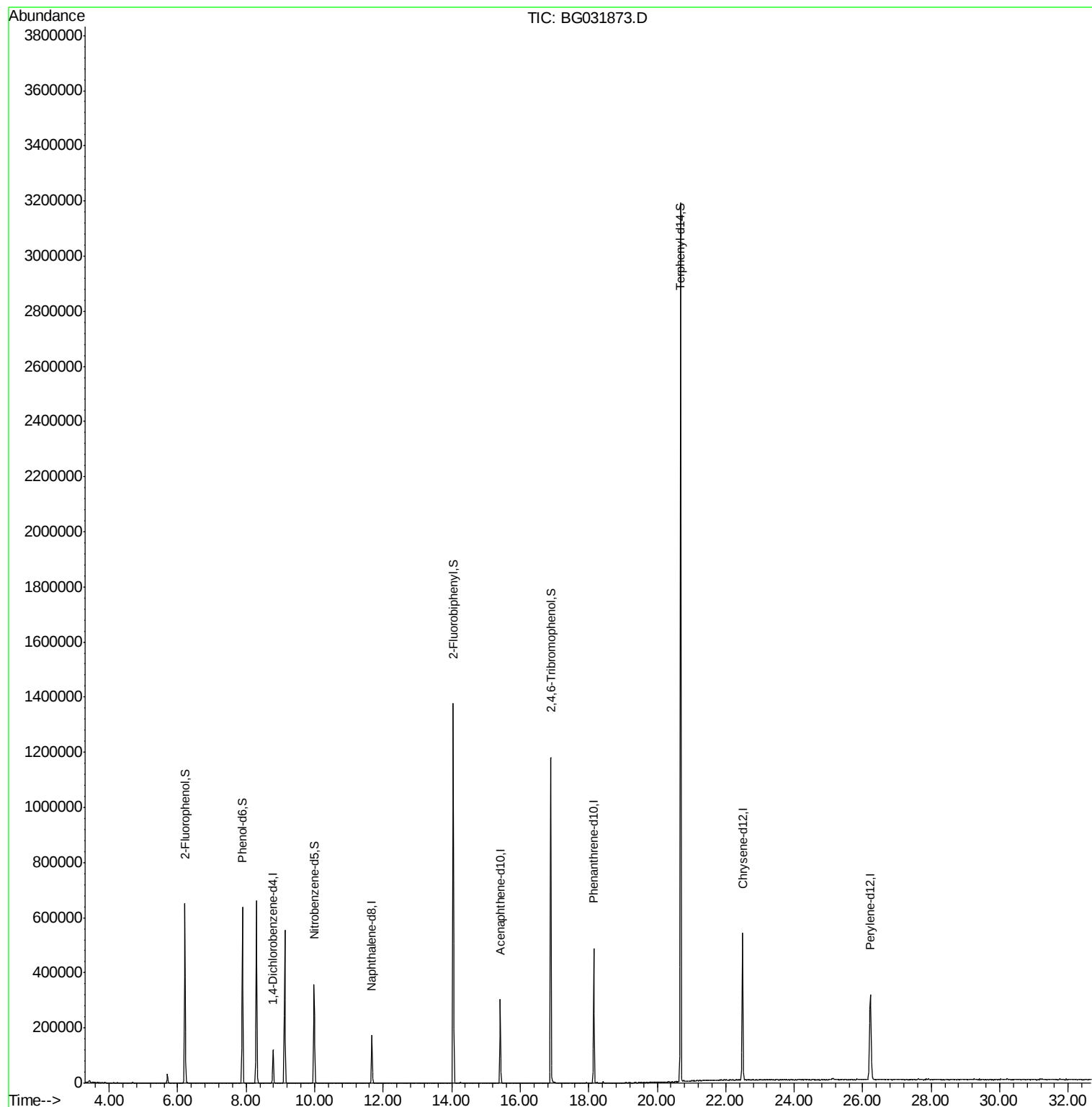
Target Compounds	Qvalue
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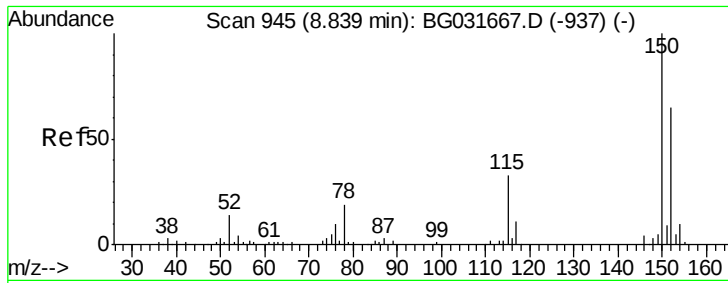
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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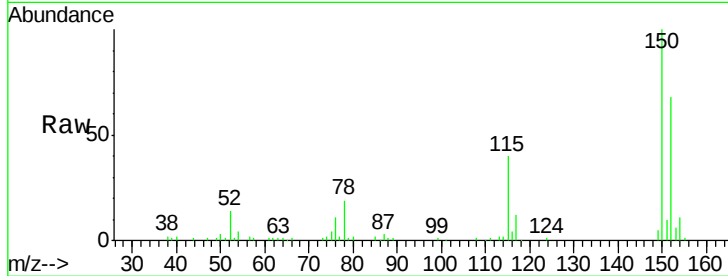


#1

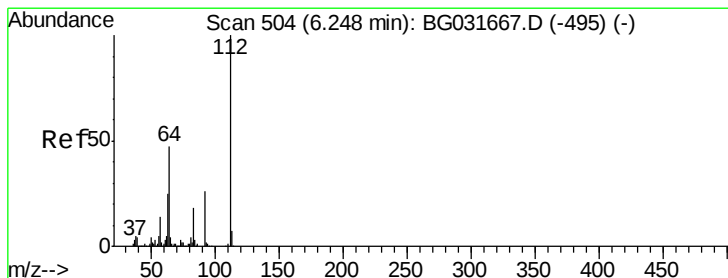
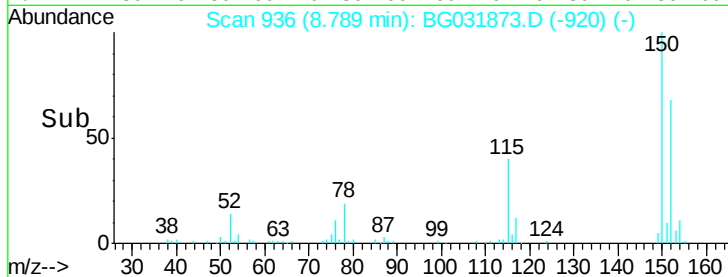
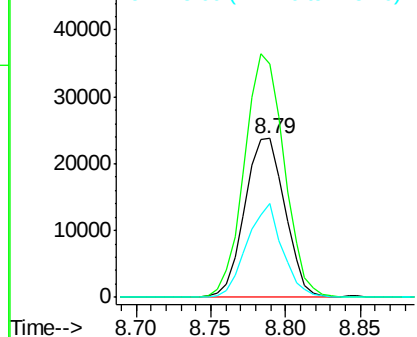
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.00 min
Lab File: BG031873.D
Acq: 2 Jan 2018 16:09

Instrument :
BNA_G
ClientSampleId :
PB105419TB

Tgt Ion:152 Resp: 44334
Ion Ratio Lower Upper
152 100
150 147.3 126.6 189.8
115 58.9 53.0 79.4



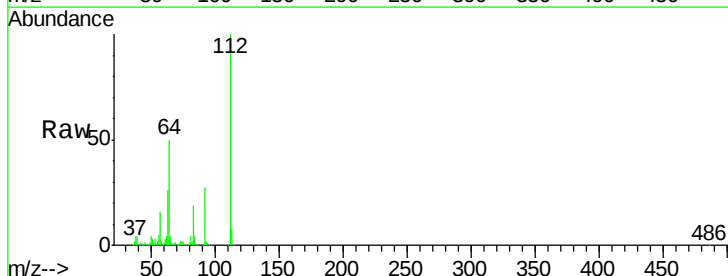
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



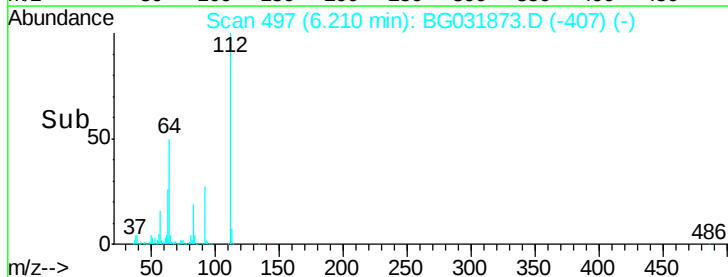
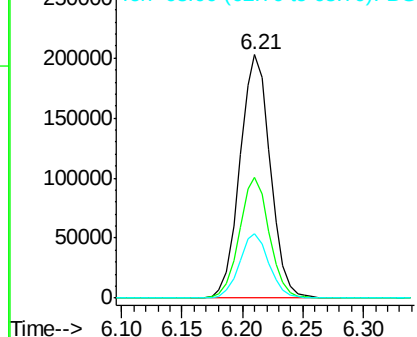
#5

2-Fluorophenol
Concen: 145.888 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031873.D
Acq: 2 Jan 2018 16:09

Tgt Ion:112 Resp: 355103
Ion Ratio Lower Upper
112 100
64 49.6 56.3 84.5#
63 26.5 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: 141.225 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031873.D

Acq: 2 Jan 2018 16:09

Instrument :

BNA_G

ClientSampleId :

PB105419TB

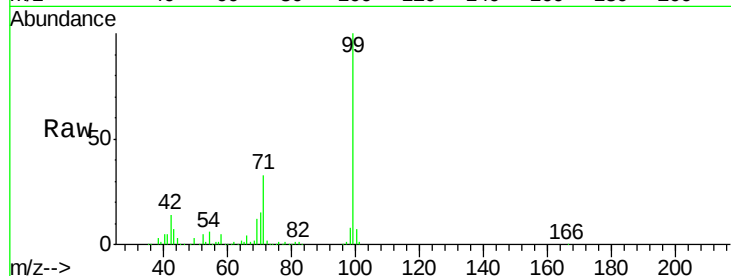
Tgt Ion: 99 Resp: 446306

Ion Ratio Lower Upper

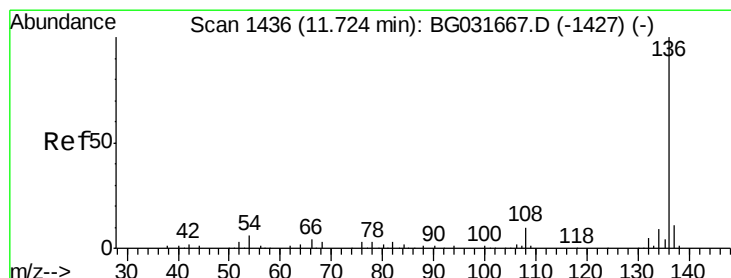
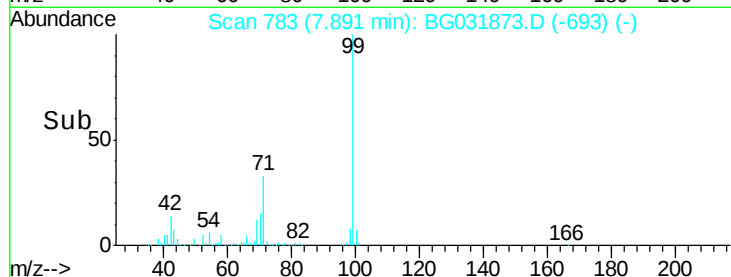
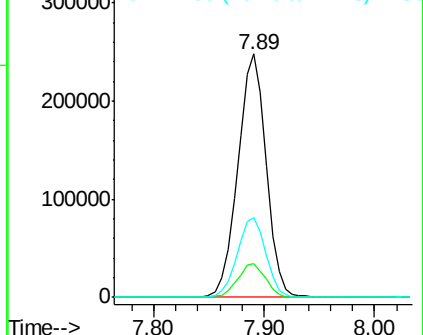
99 100

42 14.0 14.1 21.1#

71 32.6 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: 11.67 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BG031873.D

Acq: 2 Jan 2018 16:09

Tgt Ion: 136 Resp: 175680

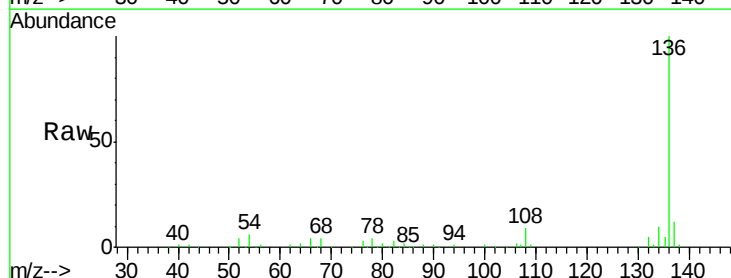
Ion Ratio Lower Upper

136 100

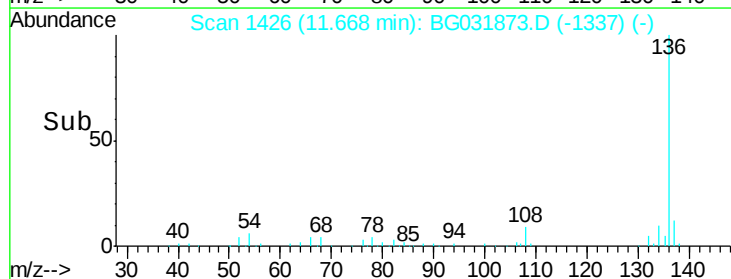
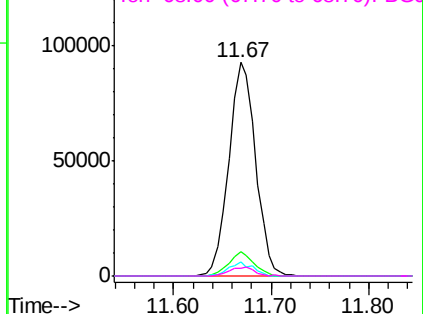
137 11.5 9.2 13.8

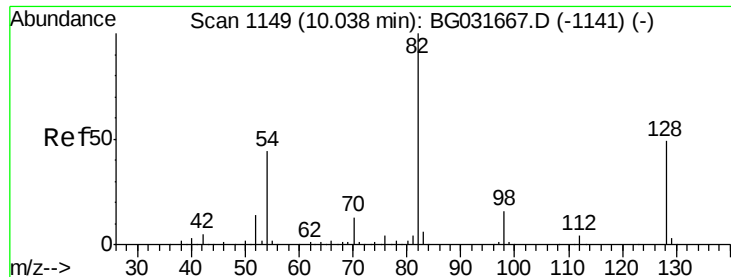
54 6.3 10.3 15.5#

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

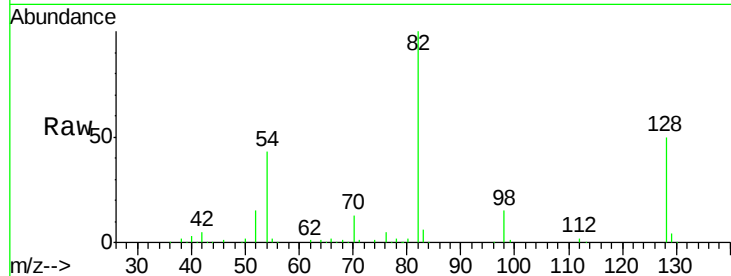




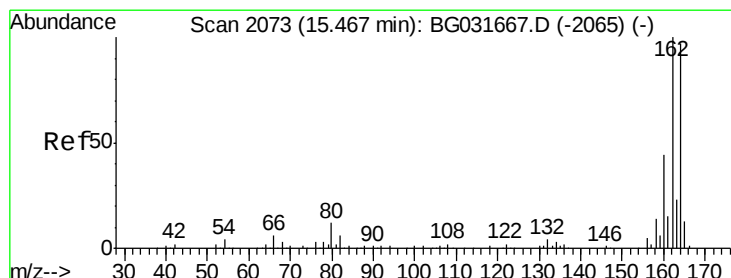
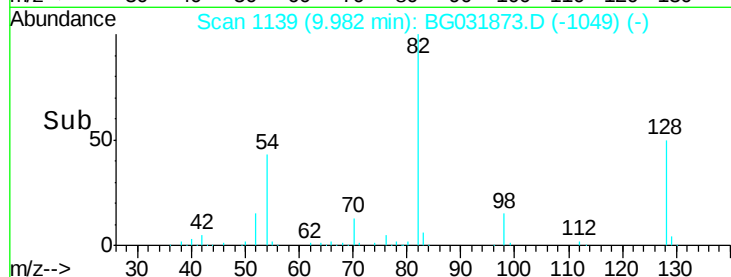
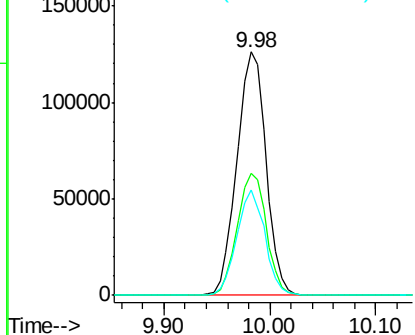
#23
 Nitrobenzene-d5
 Concen: 103.382 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BG031873.D
 Acq: 2 Jan 2018 16:09

Instrument :
 BNA_G
 ClientSampleId :
 PB105419TB

Tgt Ion: 82 Resp: 240519
 Ion Ratio Lower Upper
 82 100
 128 50.0 29.7 44.5#
 54 43.3 43.1 64.7

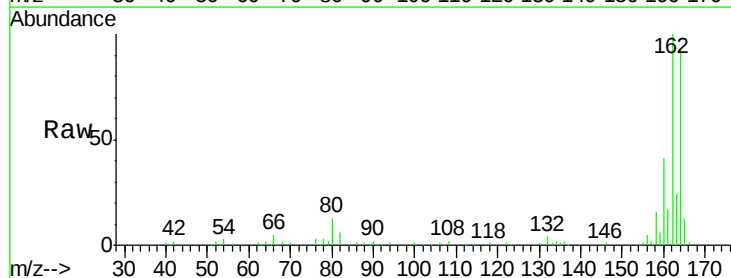


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

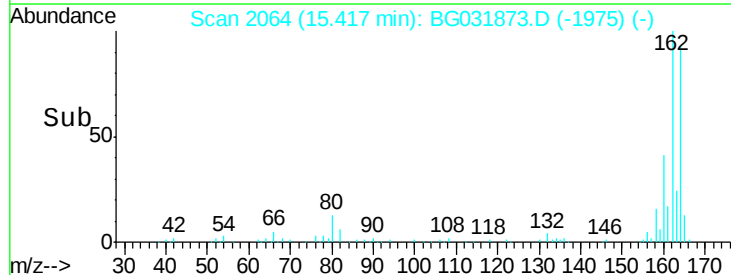
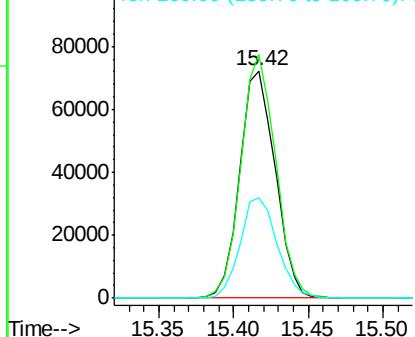


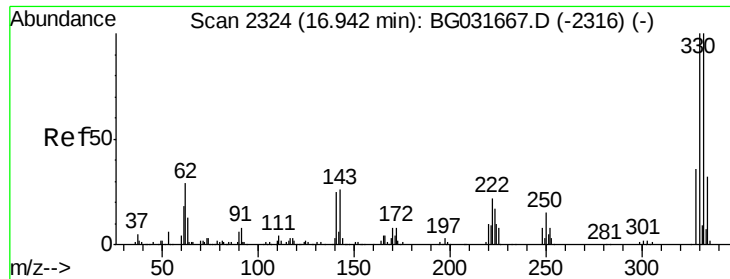
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031873.D
 Acq: 2 Jan 2018 16:09

Tgt Ion: 164 Resp: 118786
 Ion Ratio Lower Upper
 164 100
 162 107.2 78.8 118.2
 160 44.2 35.4 53.0



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

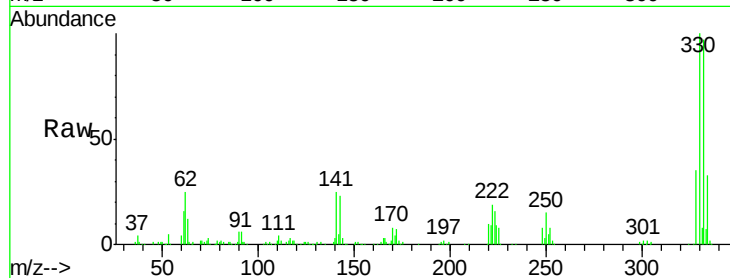




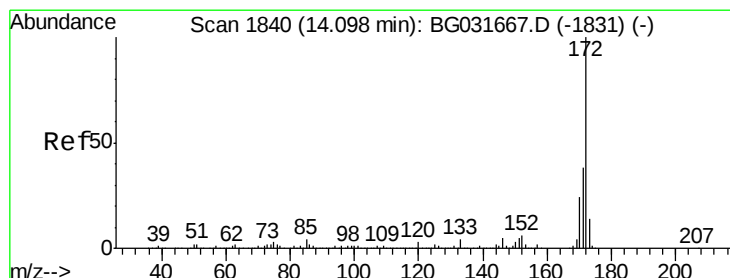
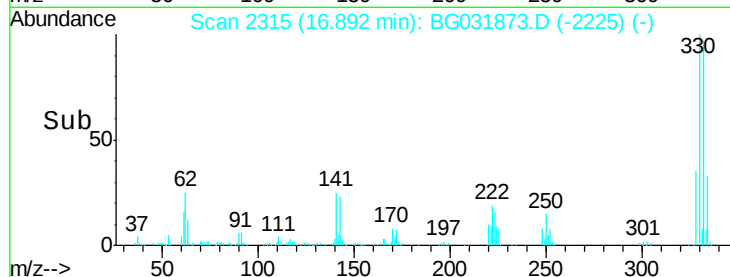
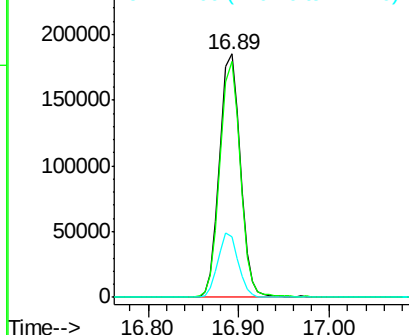
#41
 2,4,6-Tribromophenol
 Concen: 164.044 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BG031873.D
 Acq: 2 Jan 2018 16:09

Instrument :
 BNA_G
 ClientSampleId :
 PB105419TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	25.7	25.2	37.8

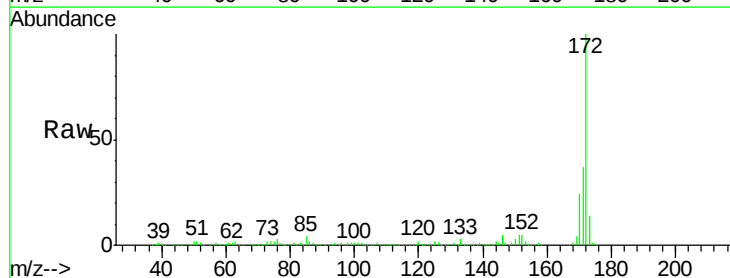


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

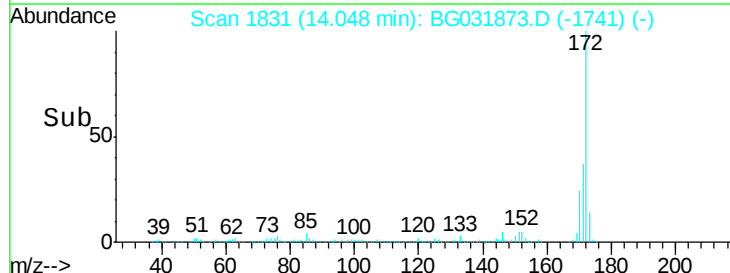
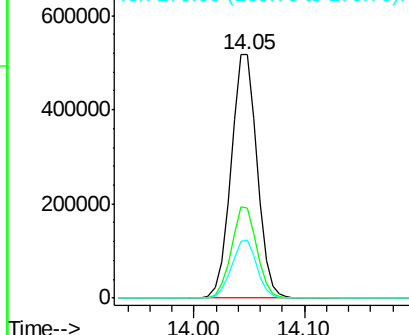


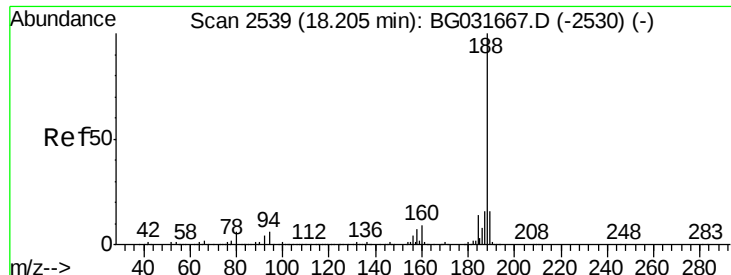
#44
 2-Fluorobiphenyl
 Concen: 90.201 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG031873.D
 Acq: 2 Jan 2018 16:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.8	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

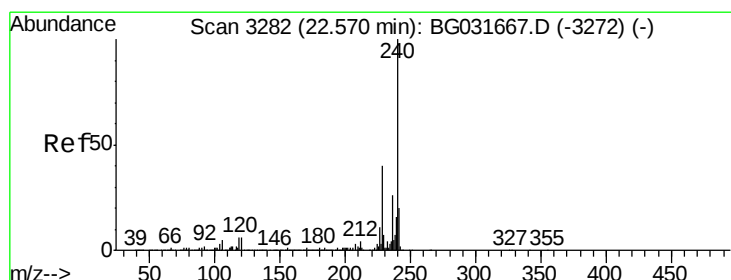
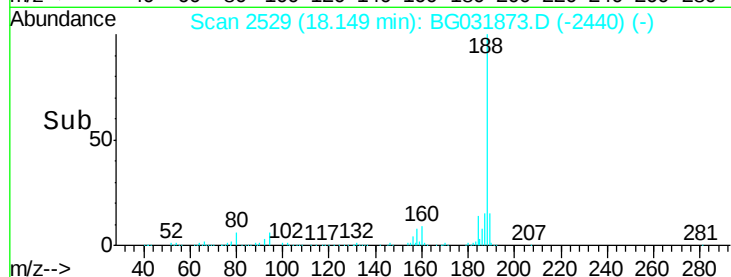
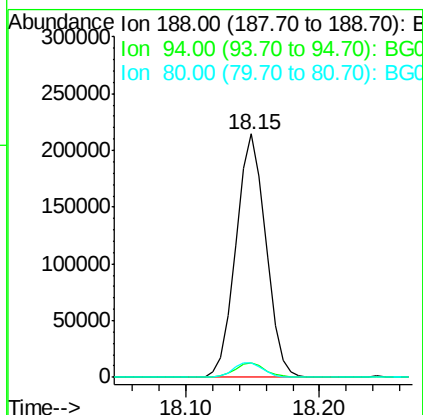
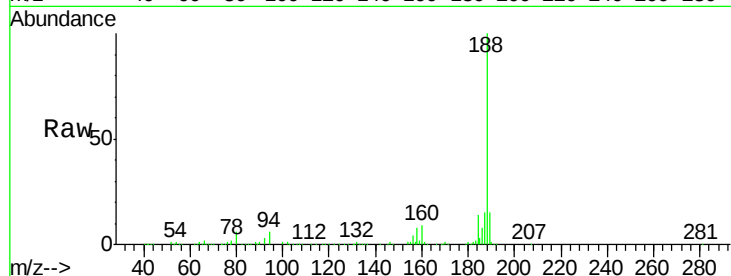




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031873.D
Acq: 2 Jan 2018 16:09

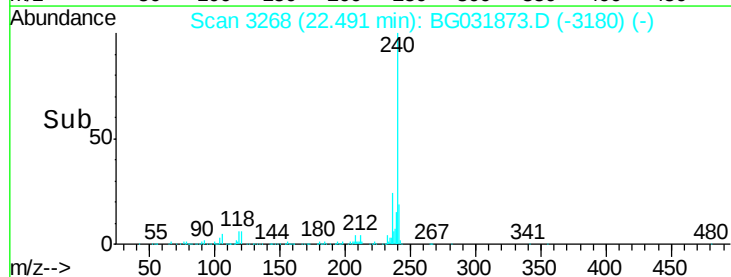
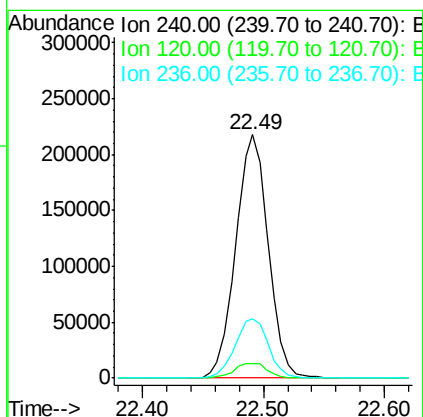
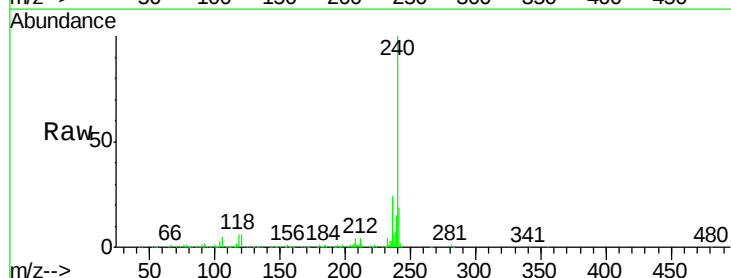
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BNA_G
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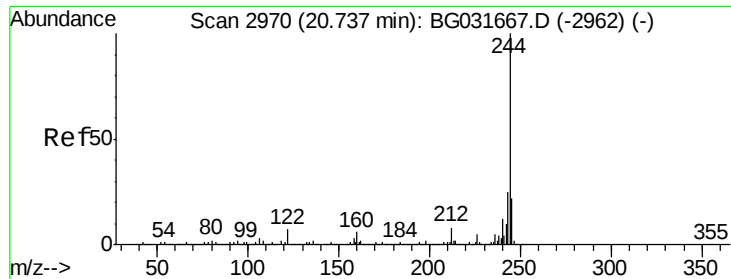
Tgt Ion:188 Resp: 333160
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 5.9 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.02 min
Lab File: BG031873.D
Acq: 2 Jan 2018 16:09

Tgt Ion:240 Resp: 408190
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 24.5 20.9 31.3





#78

Terphenyl-d14

Concen: 96.249 ng

RT: 20.68 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BG031873.D

Acq: 2 Jan 2018 16:09

Instrument :

BNA_G

ClientSampleId :

PB105419TB

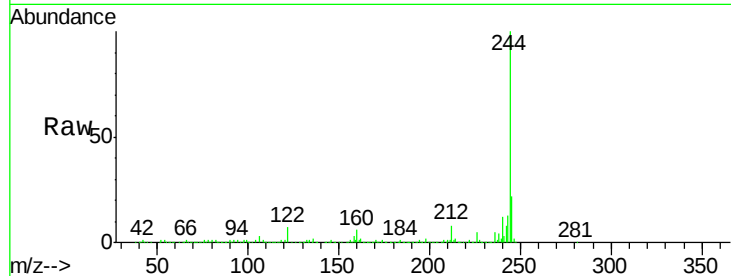
Tgt Ion:244 Resp: 1719649

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

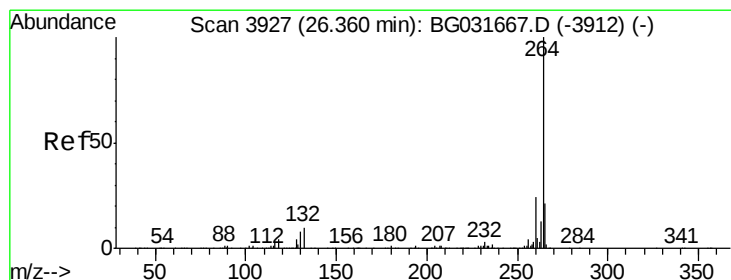
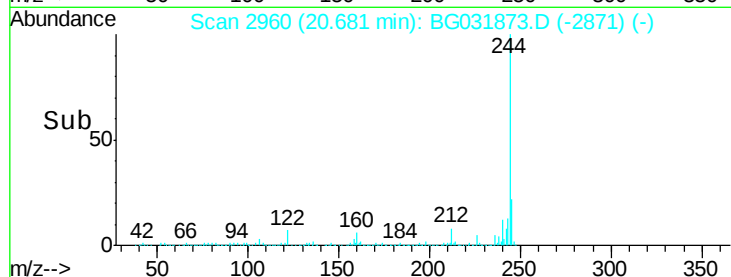
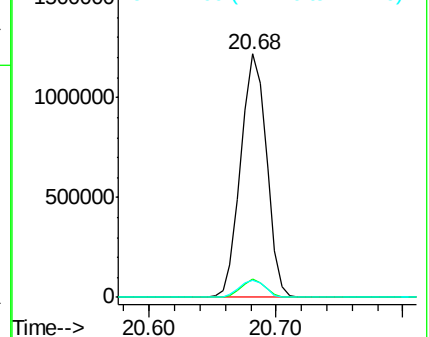
122 7.2 7.0 10.4



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: 26.23 min Scan# 3904

Delta R.T. -0.03 min

Lab File: BG031873.D

Acq: 2 Jan 2018 16:09

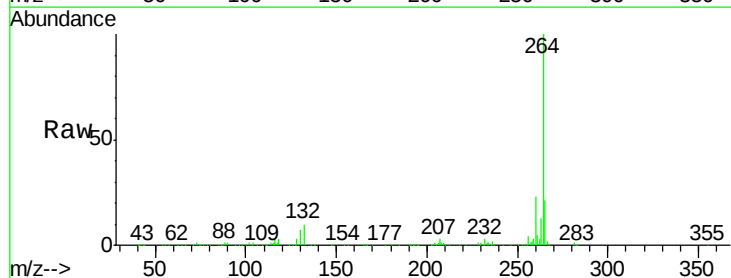
Tgt Ion:264 Resp: 423035

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 20.8 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

