

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010218\
 Data File : BG031879.D
 Acq On : 2 Jan 2018 19:55
 Operator : SJ/JU
 Sample : I6686-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-122817

Quant Time: Jan 03 04:26:54 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

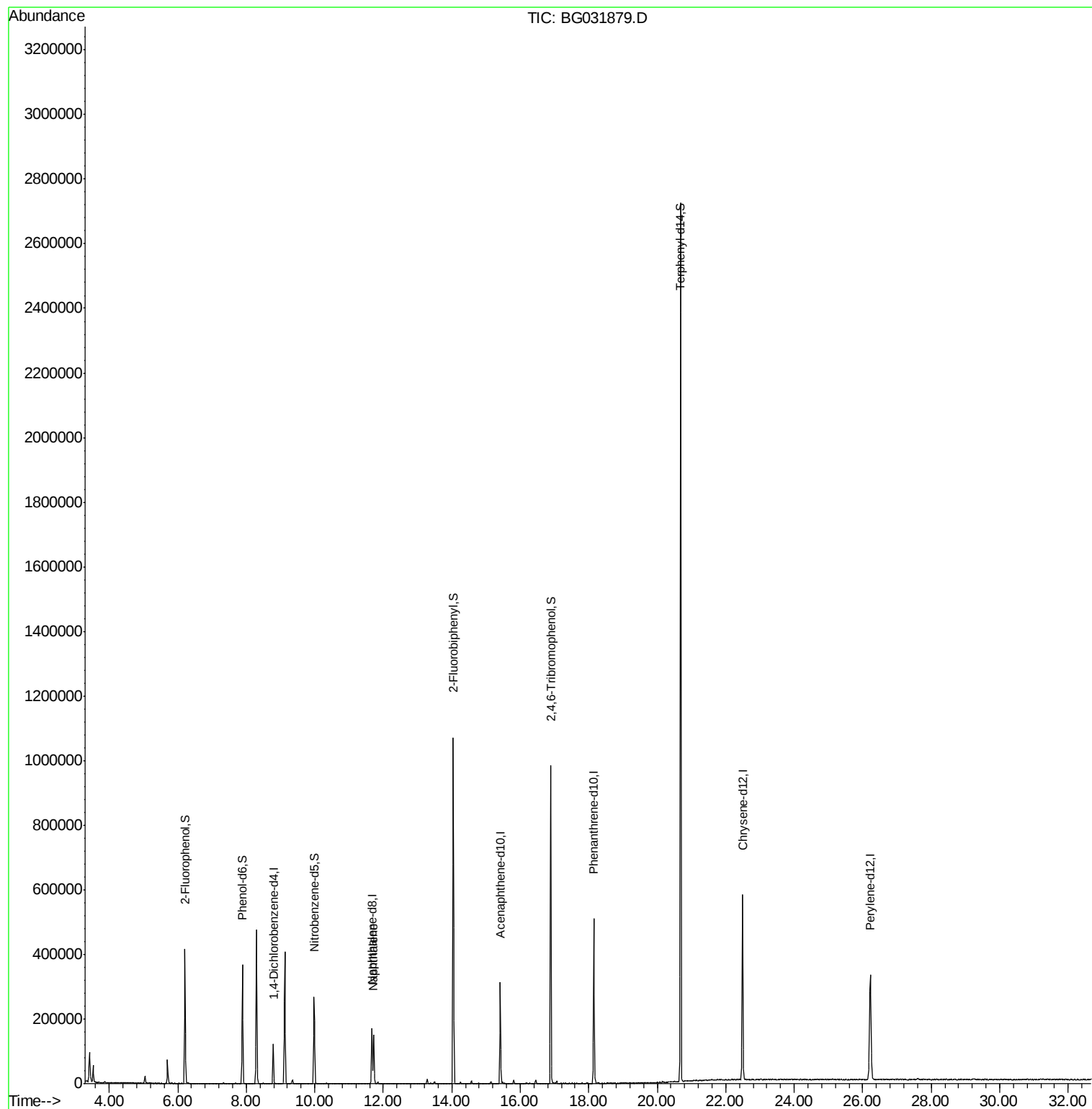
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	41550	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	173681	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	121282	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	357288	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	426380	20.00	ng	-0.02
86) Perylene-d12	26.22	264	434571	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	231560	101.51	ng	0.00
7) Phenol-d6	7.89	99	256585	86.63	ng	0.00
23) Nitrobenzene-d5	9.98	82	177037	76.97	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	242403	130.99	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	656208	67.91	ng	0.00
78) Terphenyl-d14	20.68	244	1452995	77.86	ng	-0.01
Target Compounds						
31) Naphthalene	11.72	128	147250	16.799	ng	Qvalue 96

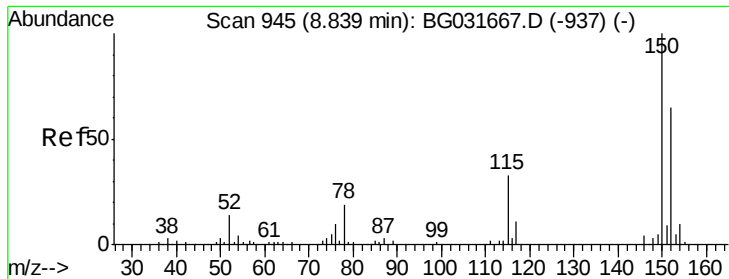
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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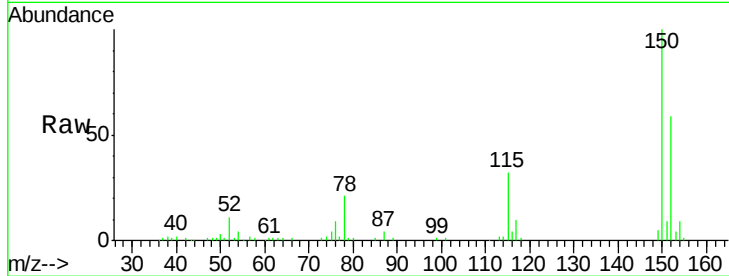


#1

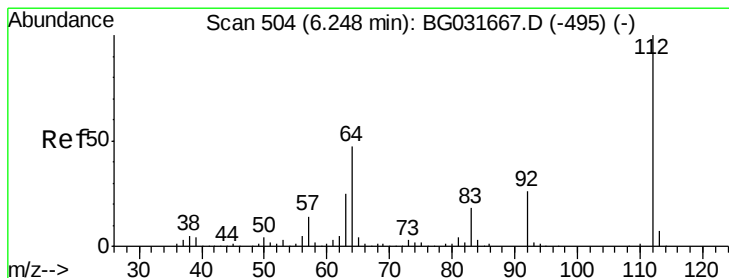
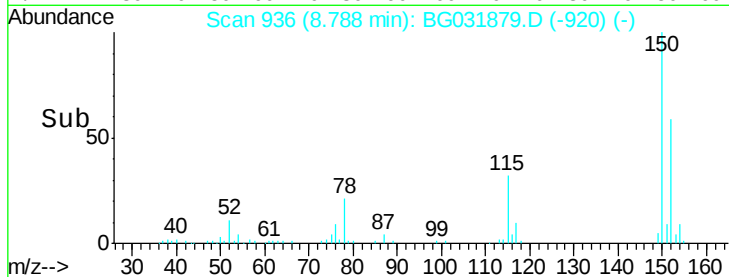
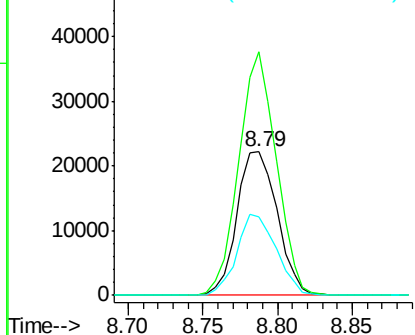
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Instrument :
BNA_G
ClientSampleId :
TR-05-122817

Tgt Ion:152 Resp: 41550
Ion Ratio Lower Upper
152 100
150 170.0 126.6 189.8
115 54.7 53.0 79.4



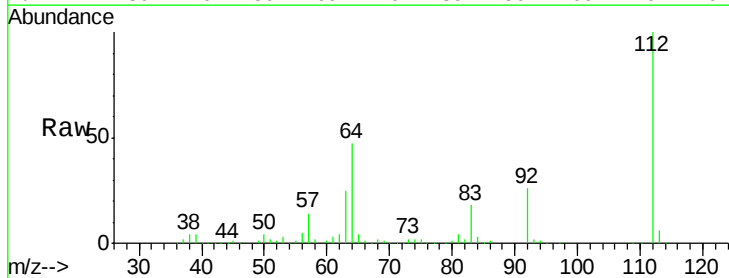
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



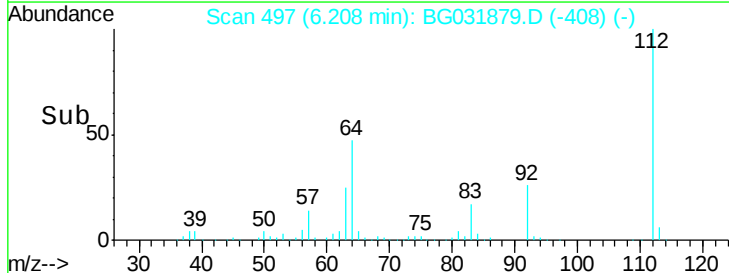
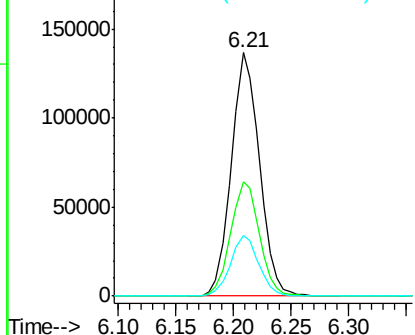
#5

2-Fluorophenol
Concen: 101.507 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.01 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Tgt Ion:112 Resp: 231560
Ion Ratio Lower Upper
112 100
64 46.8 56.3 84.5#
63 25.0 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: 86.632 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031879.D

Acq: 2 Jan 2018 19:55

Instrument :

BNA_G

ClientSampleId :

TR-05-122817

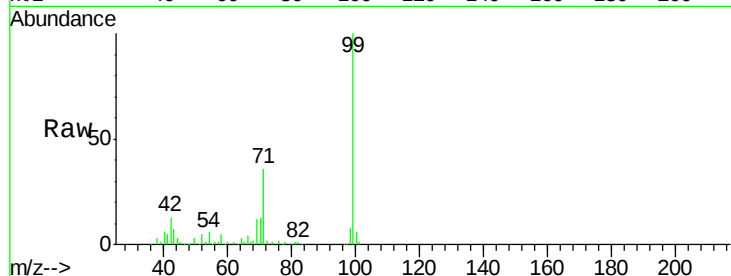
Tgt Ion: 99 Resp: 256585

Ion Ratio Lower Upper

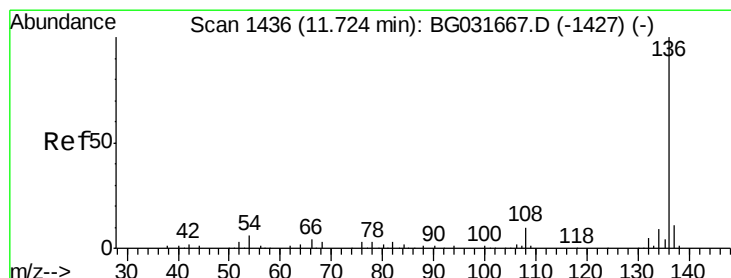
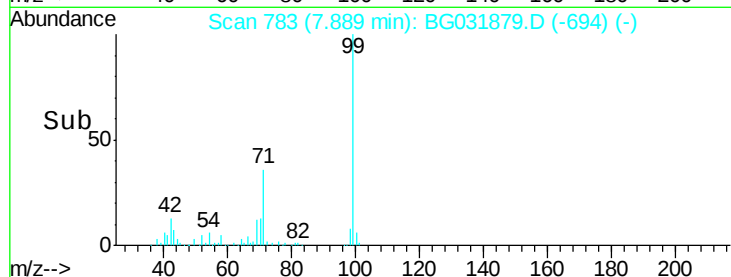
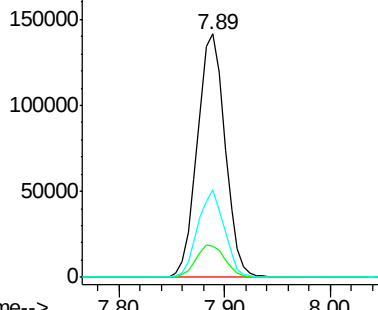
99 100

42 12.7 14.1 21.1#

71 36.1 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# 1427

Delta R.T. -0.01 min

Lab File: BG031879.D

Acq: 2 Jan 2018 19:55

Tgt Ion: 136 Resp: 173681

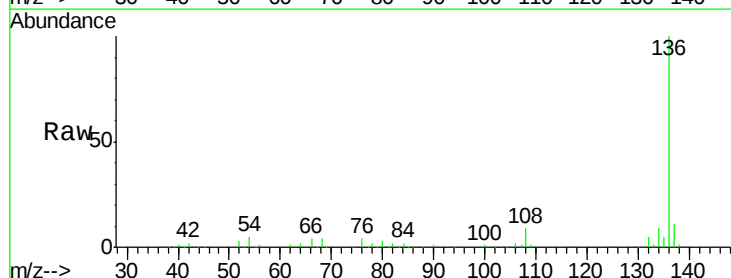
Ion Ratio Lower Upper

136 100

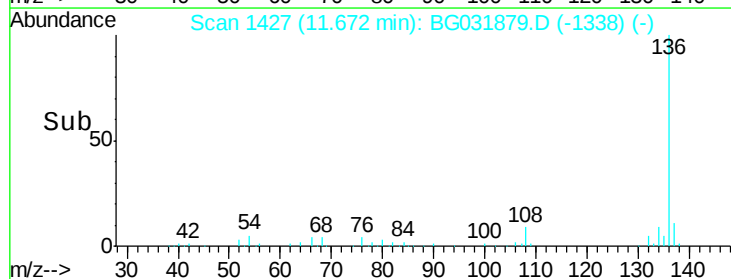
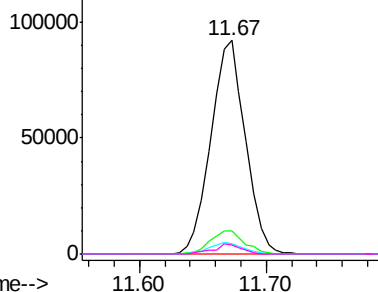
137 11.0 9.2 13.8

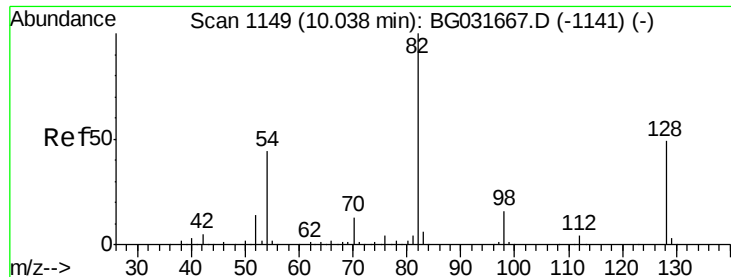
54 5.0 10.3 15.5#

68 4.0 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

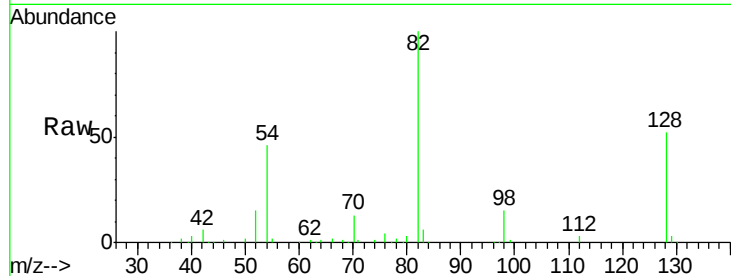




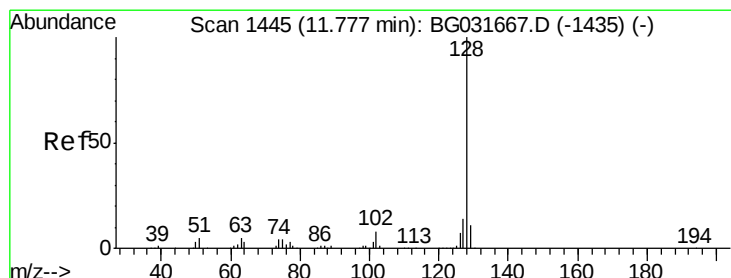
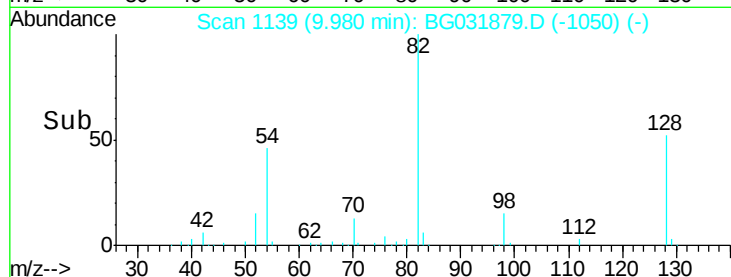
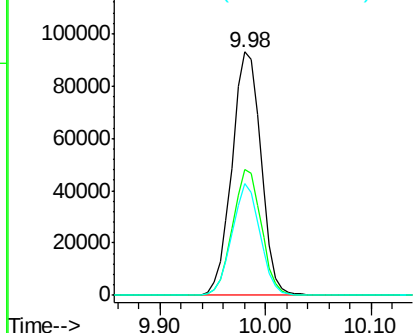
#23
Nitrobenzene-d5
Concen: 76.971 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Instrument :
BNA_G
ClientSampleId :
TR-05-122817

Tgt Ion: 82 Resp: 177037
Ion Ratio Lower Upper
82 100
128 51.6 29.7 44.5#
54 46.1 43.1 64.7

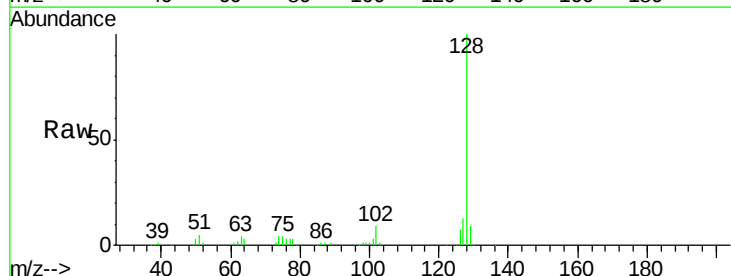


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

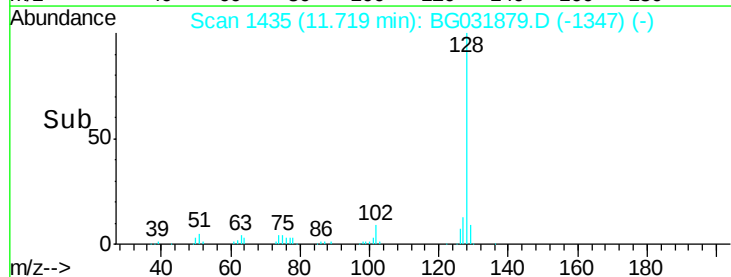
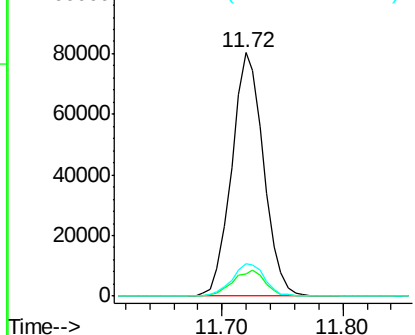


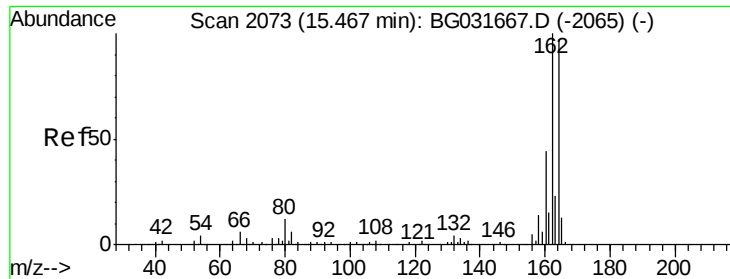
#31
Naphthalene
Concen: 16.799 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Tgt Ion: 128 Resp: 147250
Ion Ratio Lower Upper
128 100
129 9.1 8.6 12.8
127 13.1 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.42 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG031879.D

Acq: 2 Jan 2018 19:55

Instrument :

BNA_G

ClientSampleId :

TR-05-122817

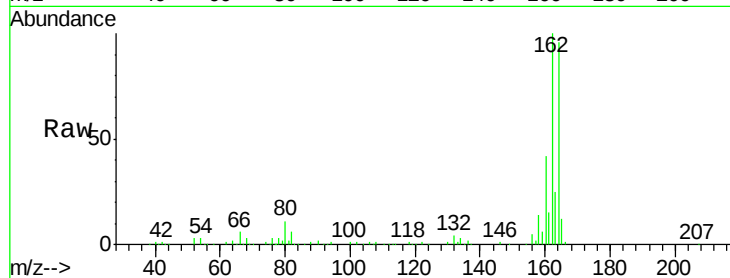
Tgt Ion:164 Resp: 121282

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

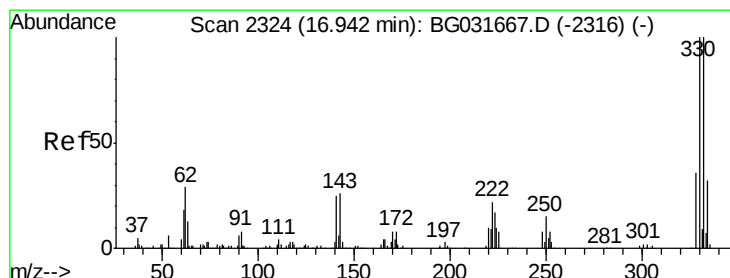
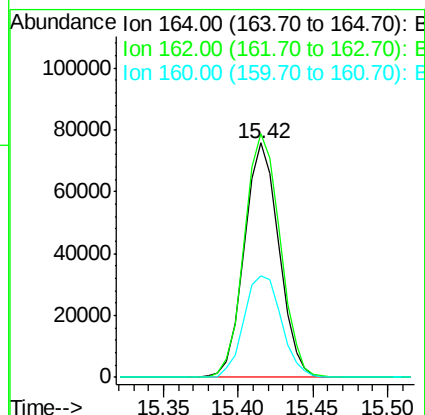
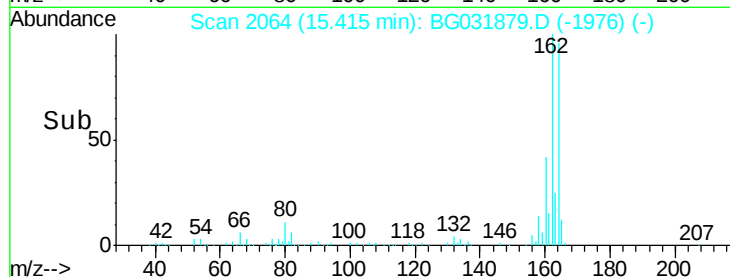
160 43.6 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 130.986 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BG031879.D

Acq: 2 Jan 2018 19:55

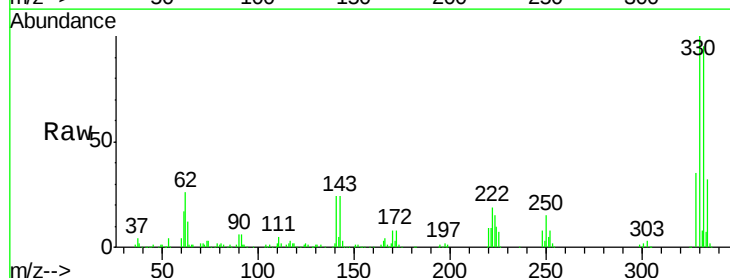
Tgt Ion:330 Resp: 242403

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

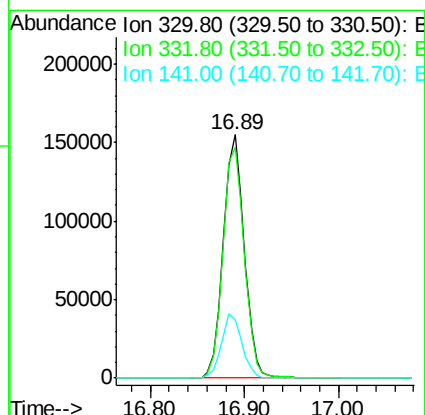
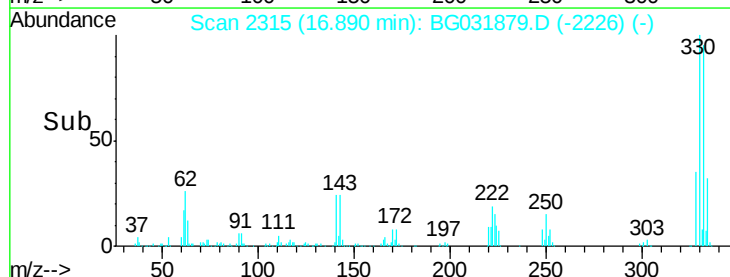
141 25.9 25.2 37.8

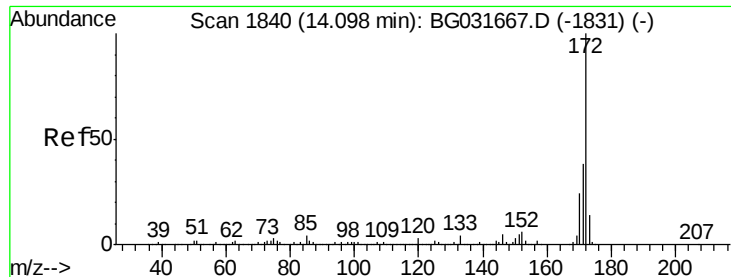


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

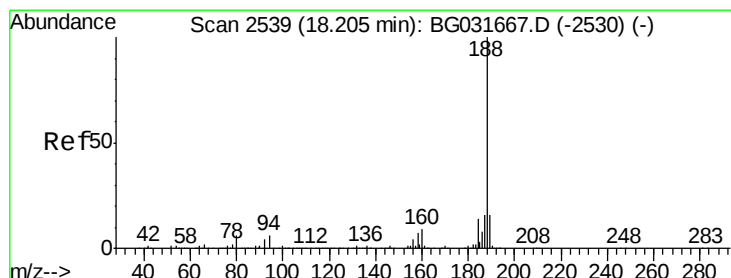
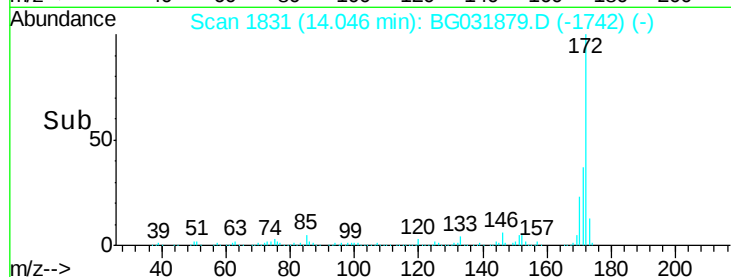
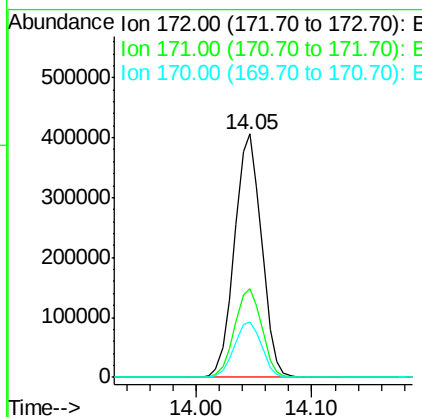
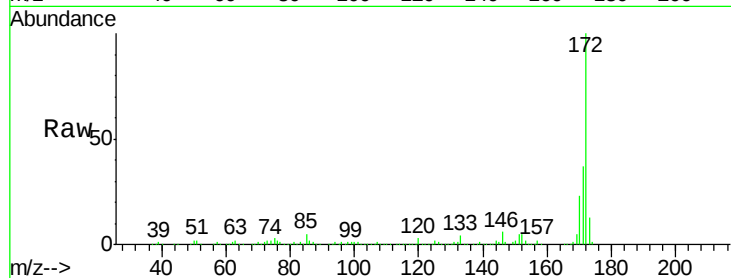




#44
2-Fluorobiphenyl
Concen: 67.910 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

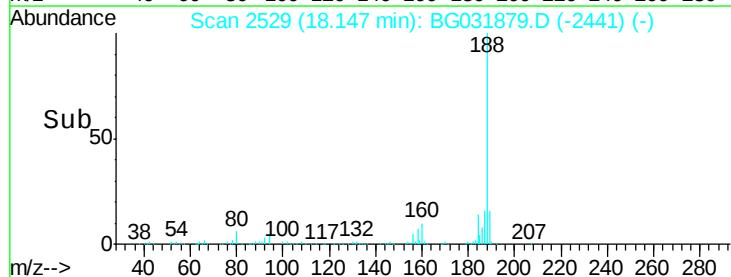
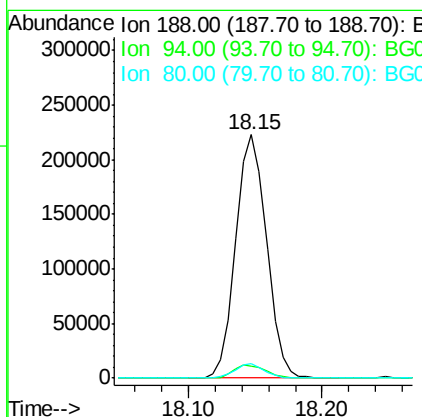
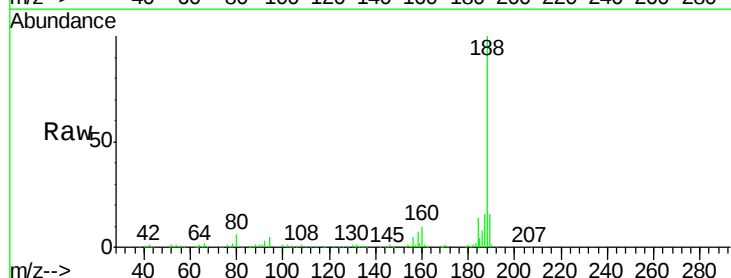
Instrument :
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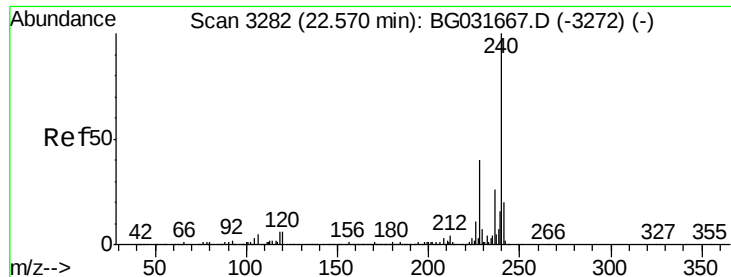
Tgt Ion:172 Resp: 656208
Ion Ratio Lower Upper
172 100
171 36.7 30.0 45.0
170 22.7 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Tgt Ion:188 Resp: 357288
Ion Ratio Lower Upper
188 100
94 5.0 6.9 10.3#
80 6.1 7.7 11.5#

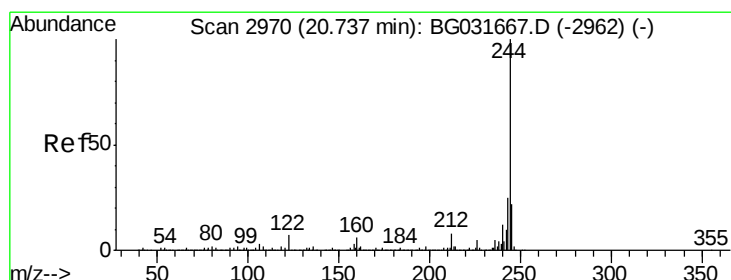
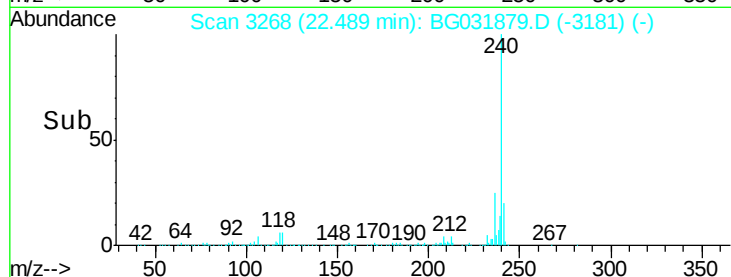
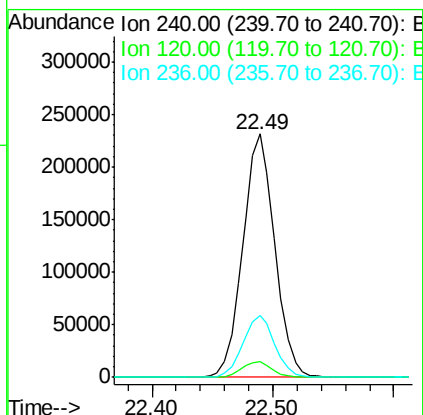
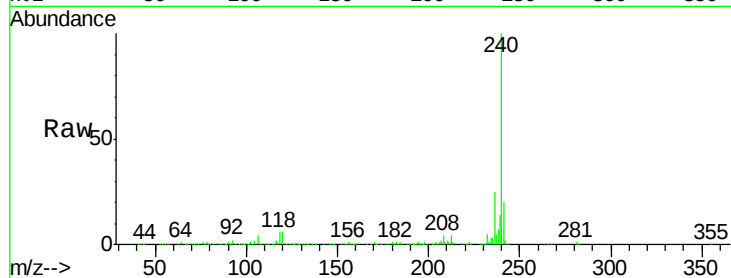




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.02 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

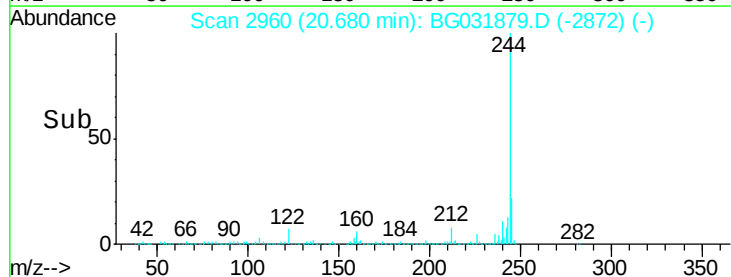
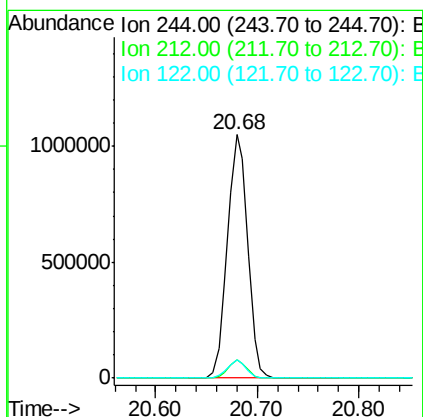
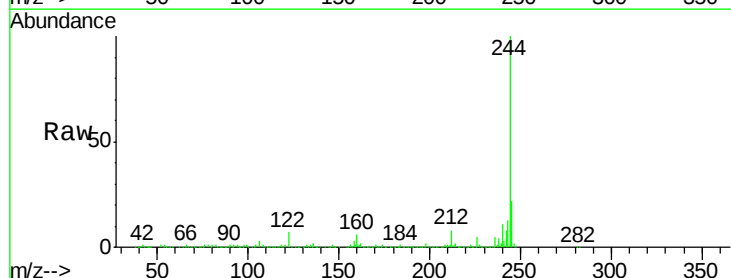
Instrument :
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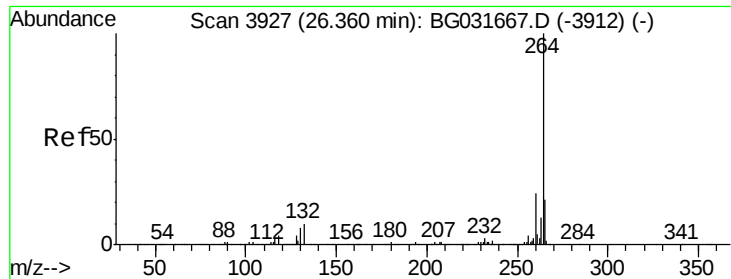
Tgt Ion:240 Resp: 426380
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 25.3 20.9 31.3



#78
Terphenyl-d14
Concen: 77.855 ng
RT: 20.68 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Tgt Ion:244 Resp: 1452995
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.8
122 7.3 7.0 10.4

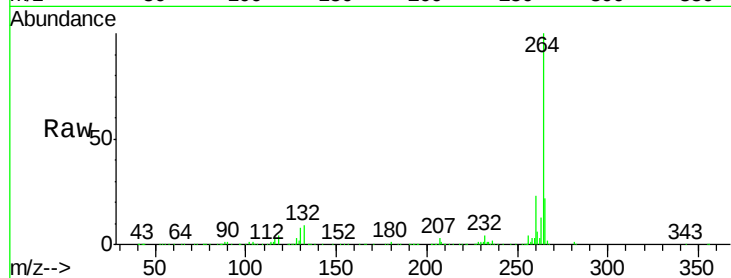




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.22 min Scan# 3903
Delta R.T. -0.03 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Instrument :
BNA_G
ClientSampleId :
TR-05-122817

Tgt Ion:264 Resp: 434571
Ion Ratio Lower Upper
264 100
260 22.9 17.4 26.0
265 21.6 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

