

Data Path : U:\HPCHEM1\BNA G\DATA\BG011118\
 Data File : BG031987.D
 Acq On : 11 Jan 2018 17:01
 Operator : SJ/JU
 Sample : J1013-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010918

Quant Time: Jan 11 18:09:06 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 15:23:30 2018
 Response via : Initial Calibration

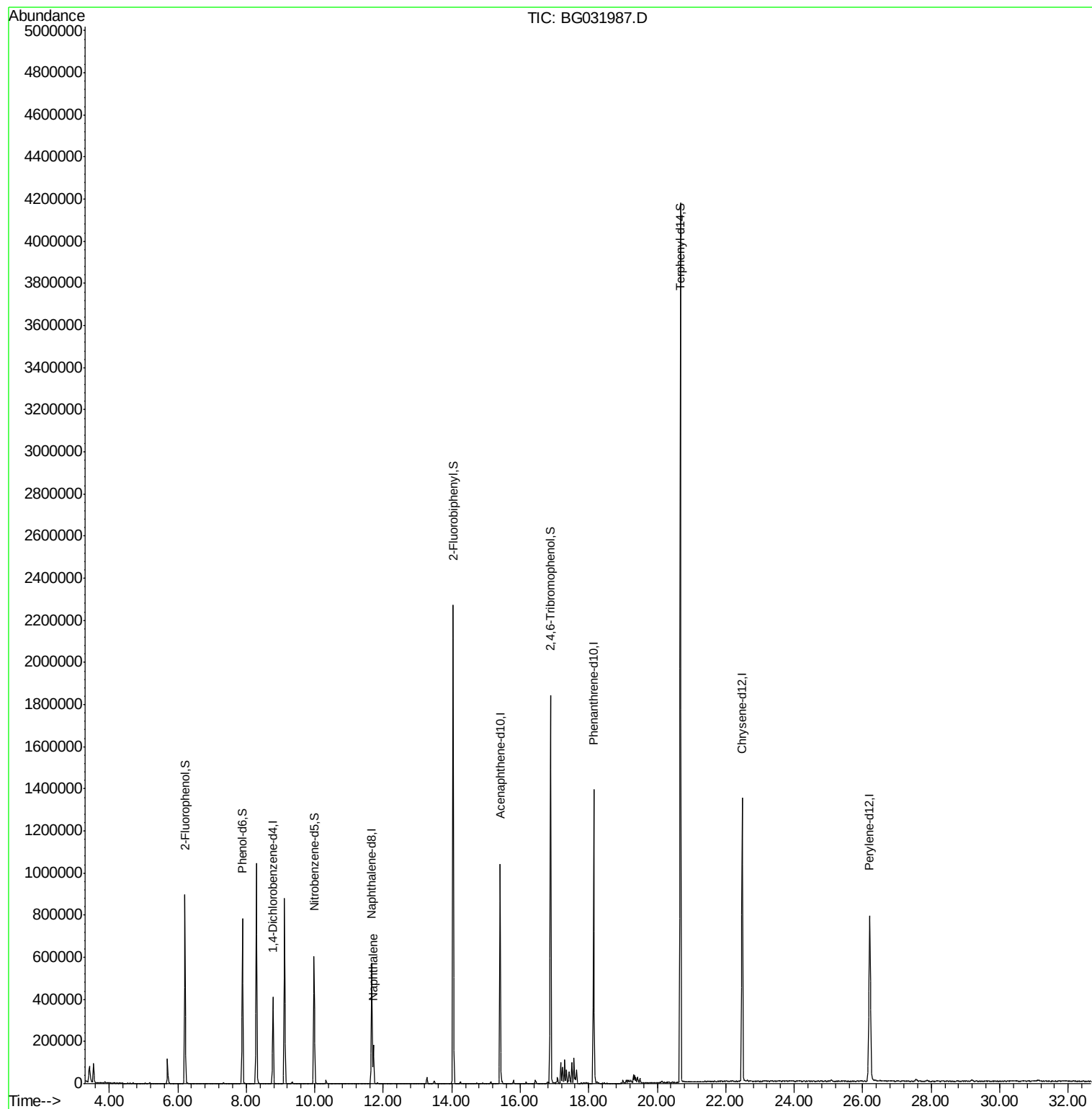
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	140365	40.00	ng	0.00
21) Naphthalene-d8	11.67	136	576415	40.00	ng	0.00
38) Acenaphthene-d10	15.41	164	399957	40.00	ng	0.00
63) Phenanthrene-d10	18.14	188	946781	40.00	ng	0.00
75) Chrysene-d12	22.48	240	1070553	40.00	ng	0.00
86) Perylene-d12	26.20	264	1098905	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	478465	124.17	ng	0.00
7) Phenol-d6	7.89	99	545820	109.10	ng	0.00
23) Nitrobenzene-d5	9.98	82	396258	103.82	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	445875	146.12	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	1417034	88.94	ng	0.00
78) Terphenyl-d14	20.67	244	2204989	94.11	ng	0.00
Target Compounds						
31) Naphthalene	11.71	128	171978	11.824	ng	Qvalue 99

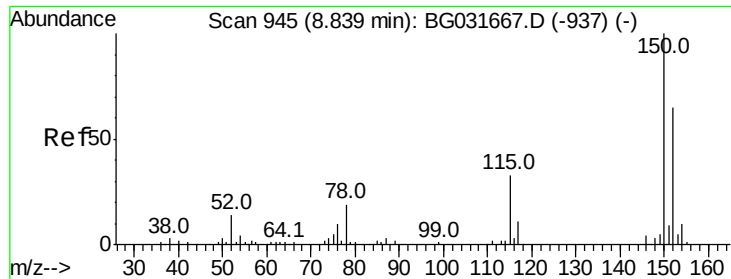
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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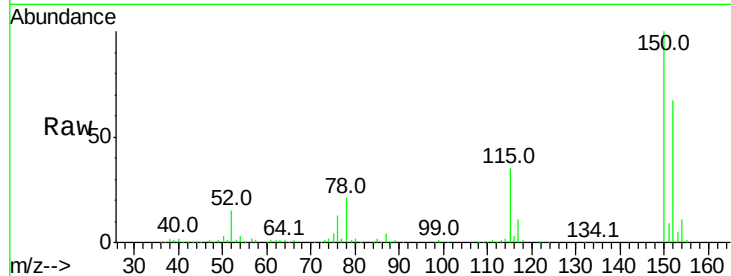


#1

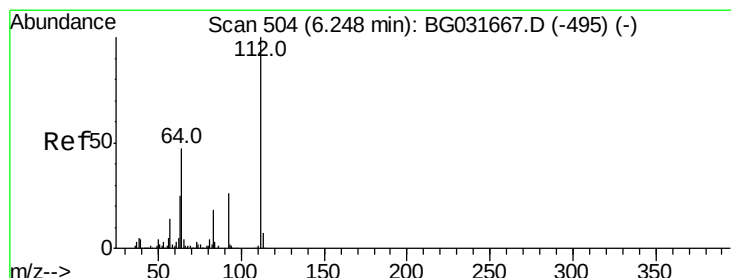
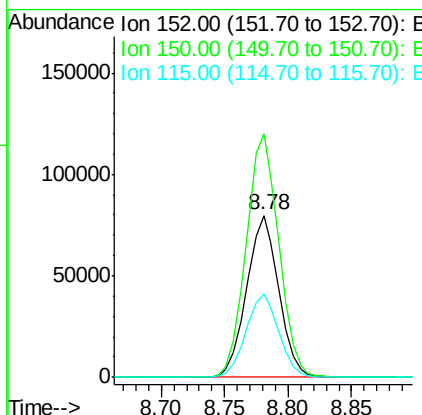
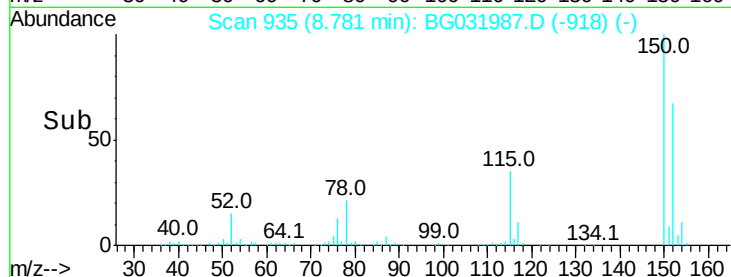
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Instrument :
BNA_G
ClientSampleId :
NB-08-010918

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	126.6	189.8
115	52.0	53.0	79.4#



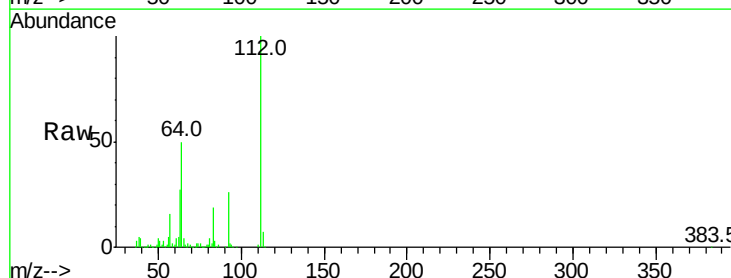
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



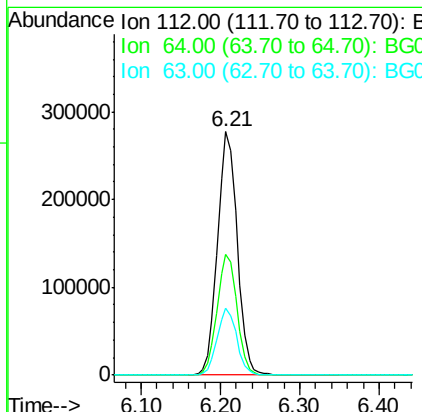
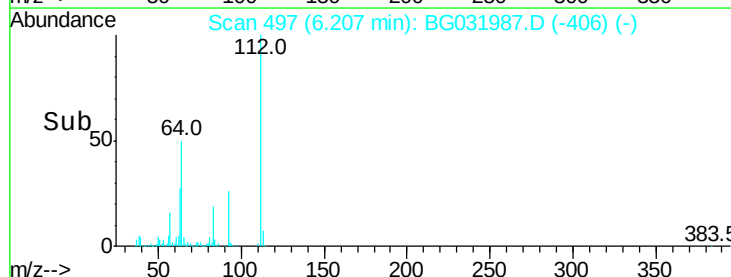
#5

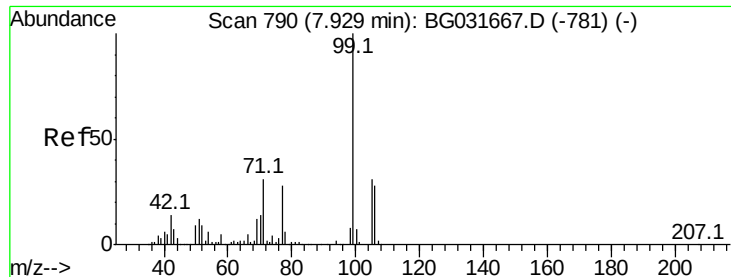
2-Fluorophenol
Concen: 124.172 ng
RT: 6.21 min Scan# 497
Delta R.T. 0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.9	56.3	84.5#
63	27.4	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: 109.103 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG031987.D

Acq: 11 Jan 2018 17:01

Instrument :

BNA_G

ClientSampleId :

NB-08-010918

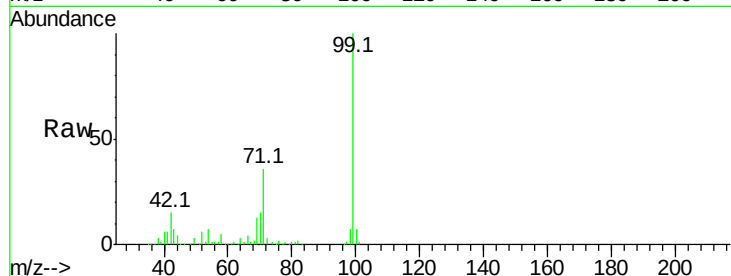
Tot Ion: 99 Resp: 545820

Ion Ratio Lower Upper

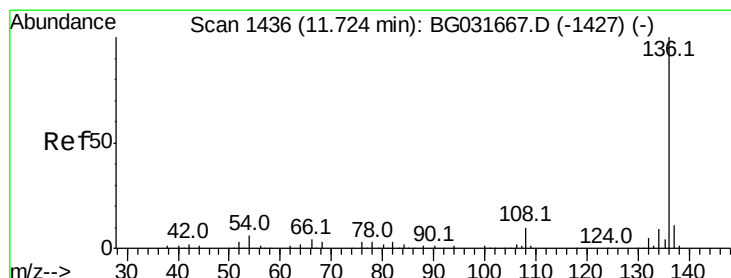
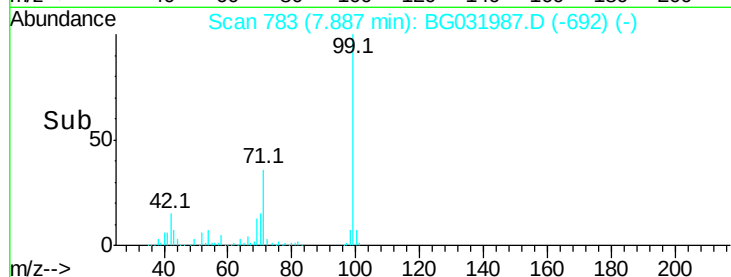
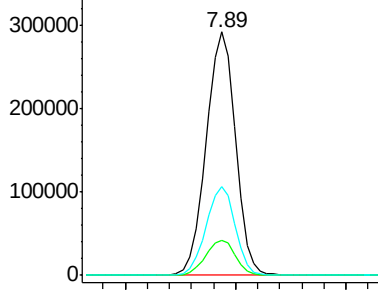
99 100

42 14.5 14.1 21.1

71 36.4 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: 40.000 ng

RT: 11.67 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BG031987.D

Acq: 11 Jan 2018 17:01

Tgt Ion: 136 Resp: 576415

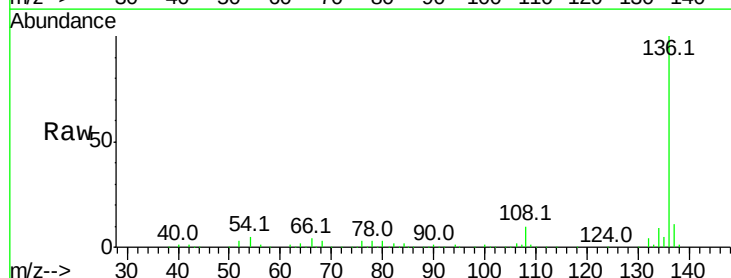
Ion Ratio Lower Upper

136 100

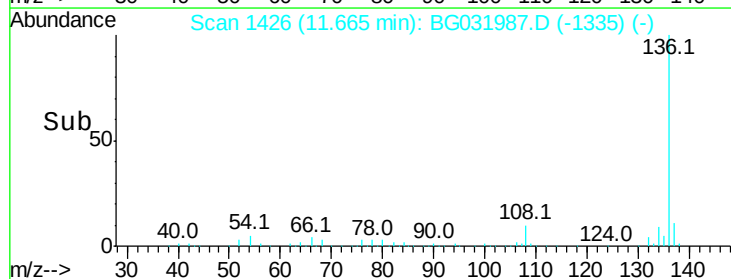
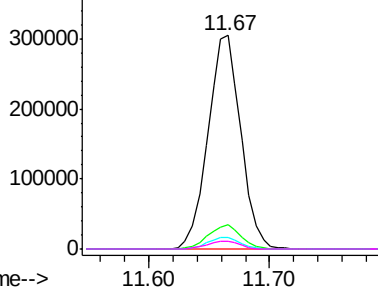
137 11.2 9.2 13.8

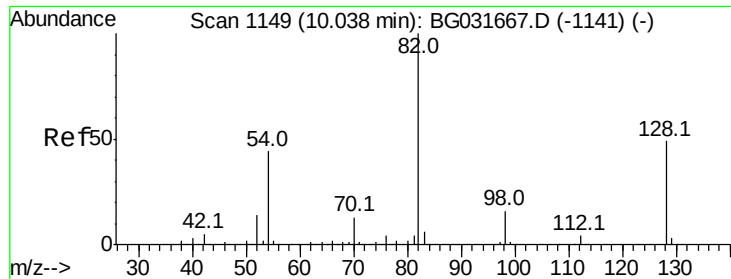
54 5.3 10.3 15.5#

68 3.5 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

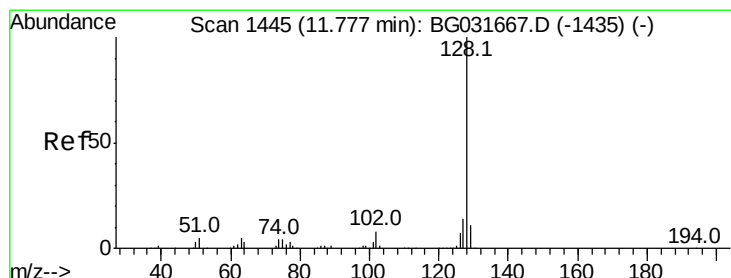
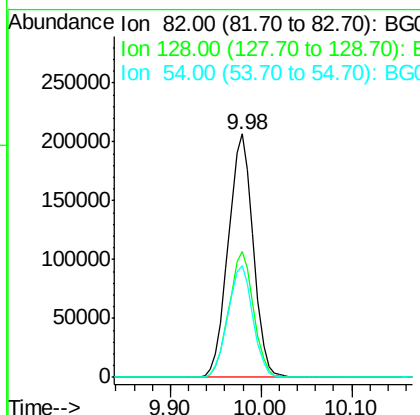
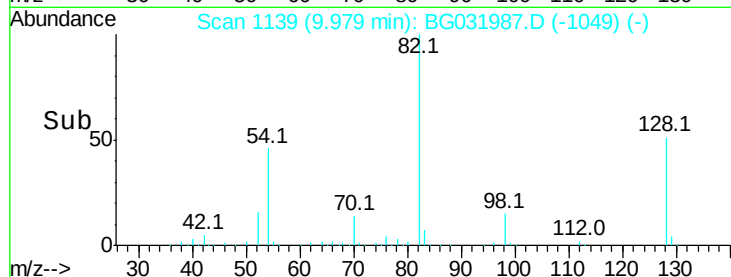
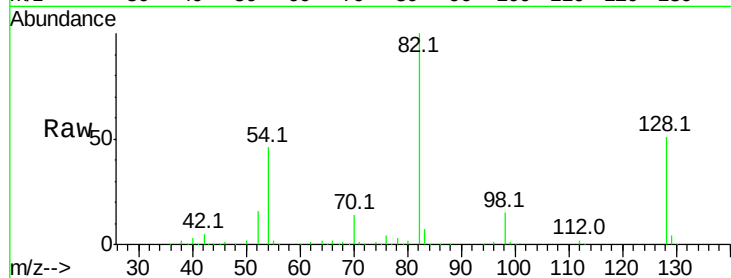




#23
Nitrobenzene-d5
Concen: 103.822 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

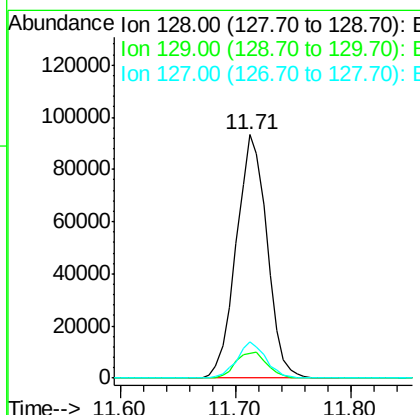
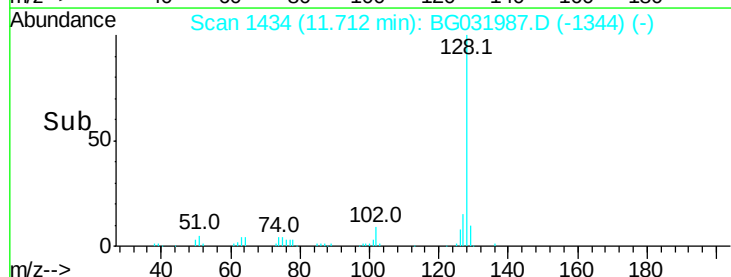
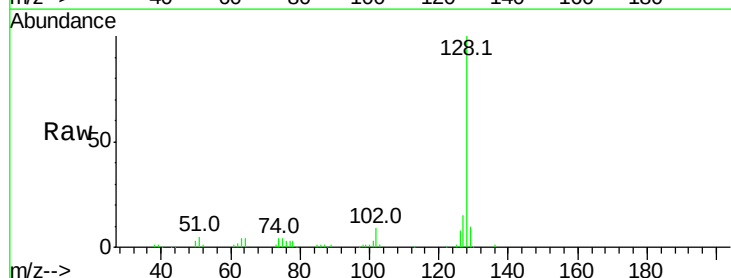
Instrument :
BNA_G
ClientSampleId :
NB-08-010918

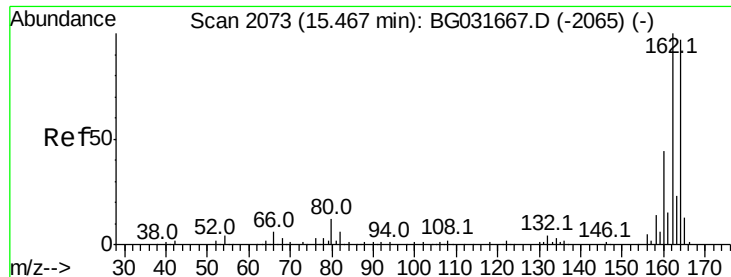
Tot Ion: 82 Resp: 396258
Ion Ratio Lower Upper
82 100
128 51.4 29.7 44.5#
54 45.7 43.1 64.7



#31
Naphthalene
Concen: 11.824 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Tgt Ion: 128 Resp: 171978
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 14.7 11.6 17.4





#38

Acenaphthene-d10

Concen: 40.000 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BG031987.D

Acq: 11 Jan 2018 17:01

Instrument :

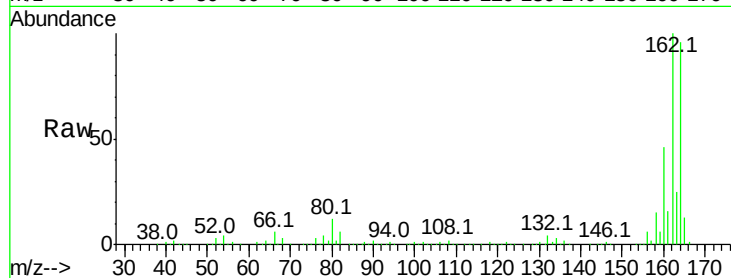
BNA_G

ClientSampleId :

NB-08-010918

Tot Ion:164 Resp: 399957

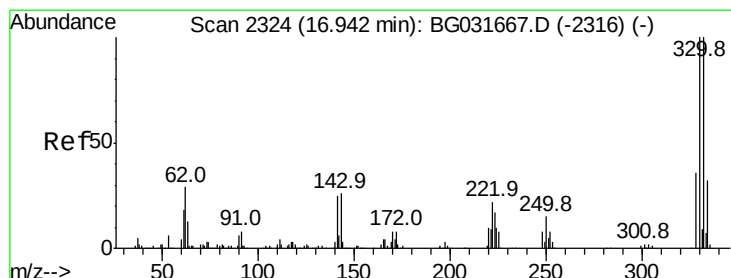
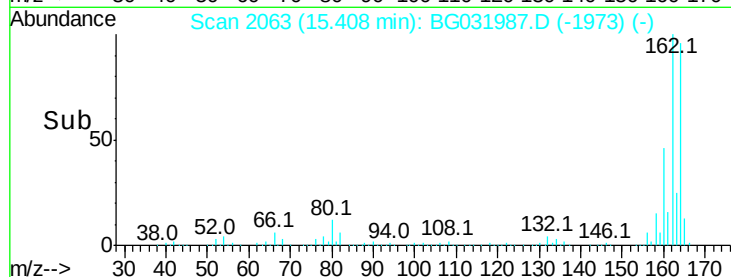
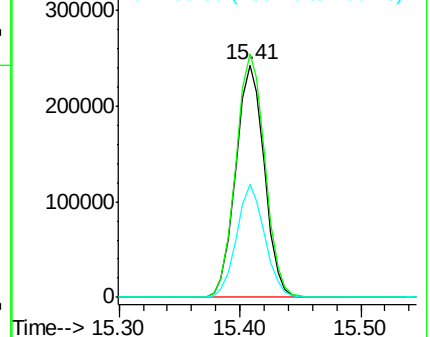
Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	48.5	35.4	53.0



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: 146.122 ng

RT: 16.88 min Scan# 2314

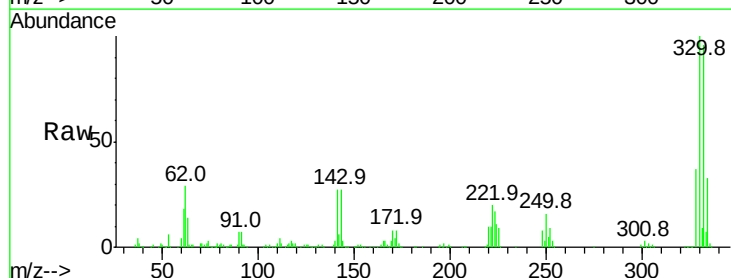
Delta R.T. -0.00 min

Lab File: BG031987.D

Acq: 11 Jan 2018 17:01

Tgt Ion:330 Resp: 445875

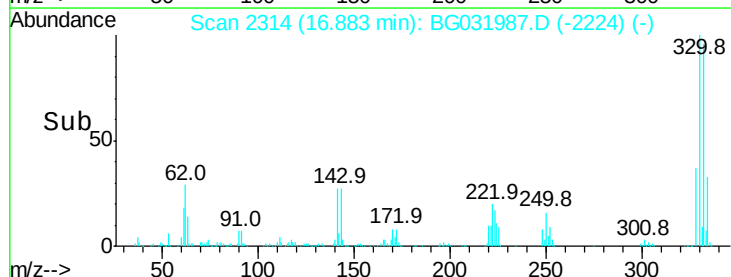
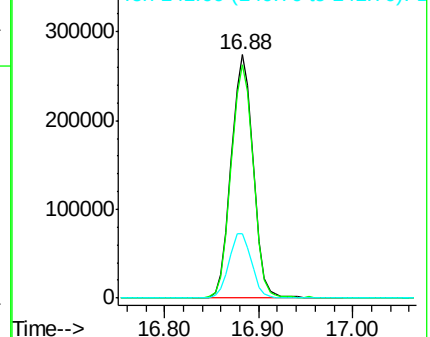
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	27.2	25.2	37.8

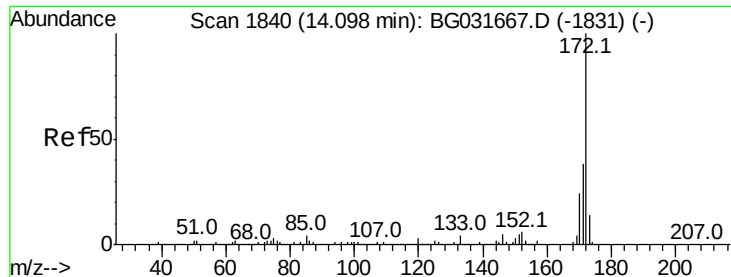


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

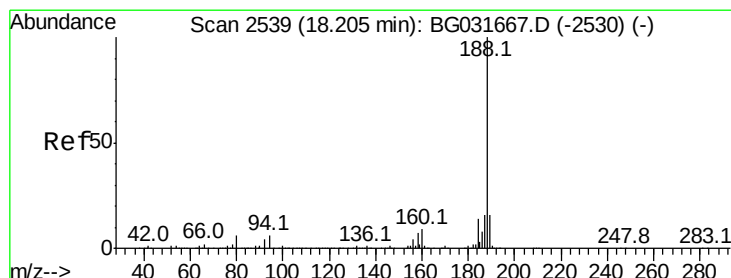
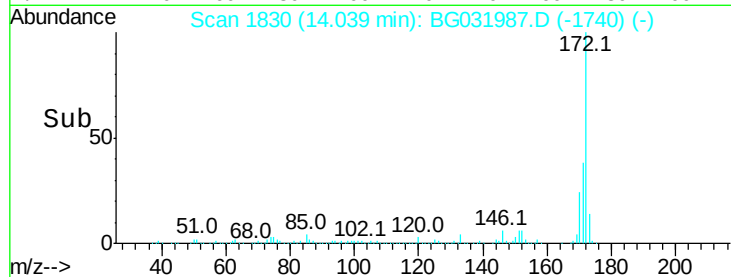
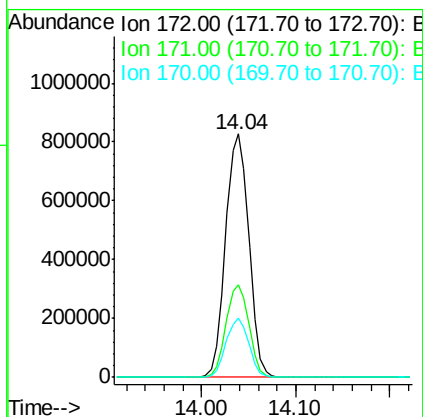
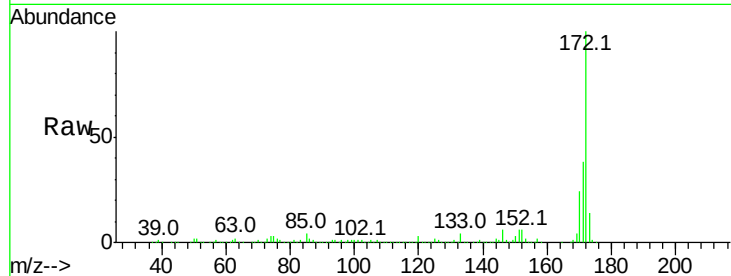




#44
2-Fluorobiphenyl
Concen: 88.938 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

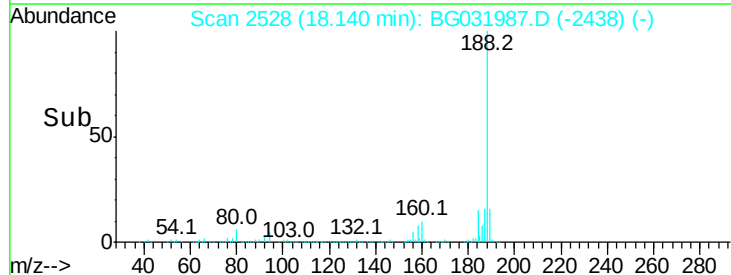
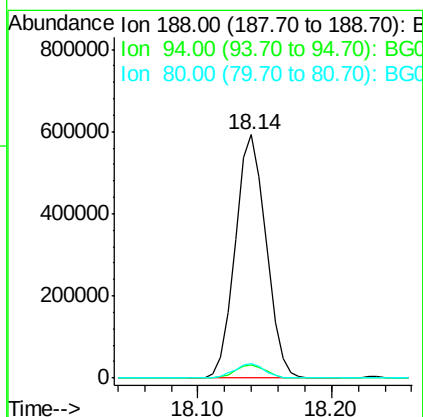
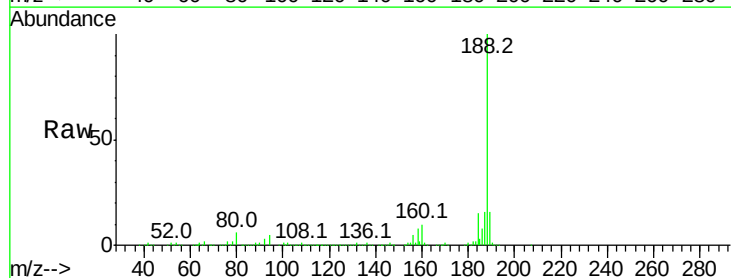
Instrument :
BNA_G
ClientSampleId :
NB-08-010918

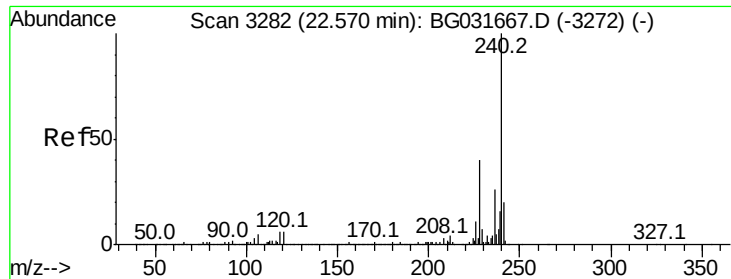
Tot Ion:172 Resp: 1417034
Ion Ratio Lower Upper
172 100
171 38.2 30.0 45.0
170 24.2 19.5 29.3



#63
Phenanthrene-d10
Concen: 40.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Tgt Ion:188 Resp: 946781
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 5.7 7.7 11.5#





#75

Chrysene-d12

Concen: 40.000 ng

RT: 22.48 min Scan# 3266

Delta R.T. -0.00 min

Lab File: BG031987.D

Acq: 11 Jan 2018 17:01

Instrument :

BNA_G

ClientSampleId :

NB-08-010918

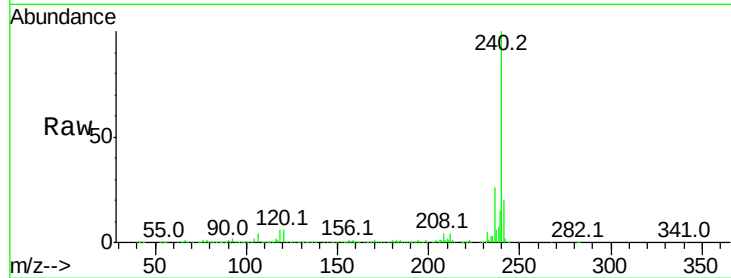
Tot Ion:240 Resp: 1070553

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

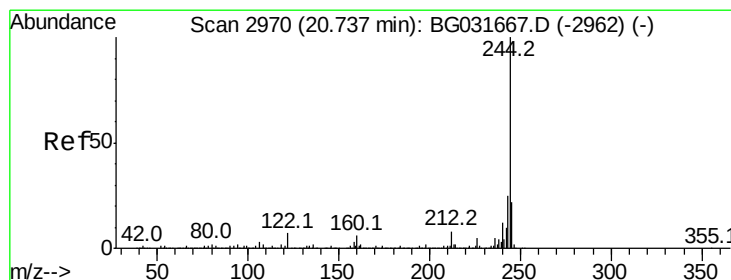
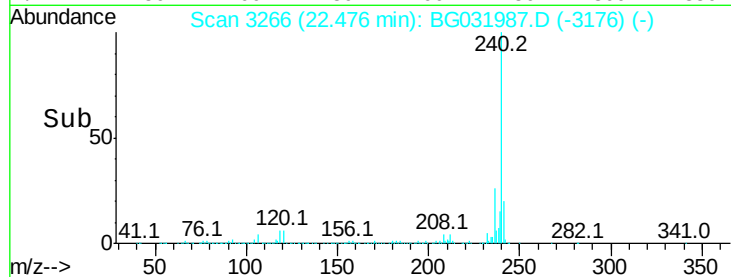
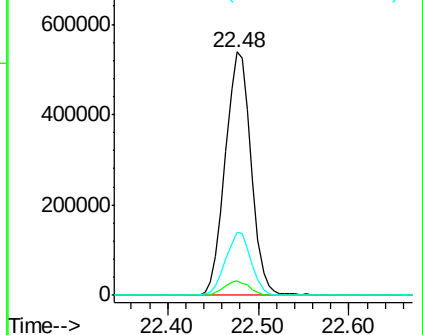
236 25.8 20.9 31.3



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: 94.113 ng

RT: 20.67 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BG031987.D

Acq: 11 Jan 2018 17:01

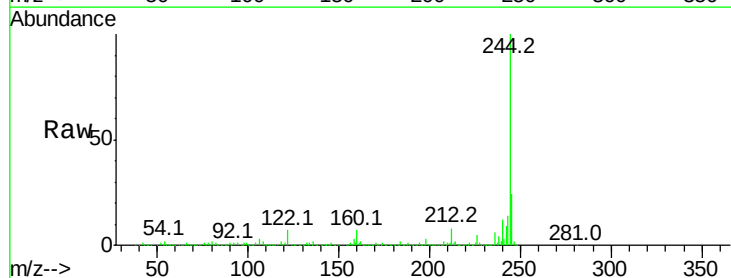
Tgt Ion:244 Resp: 2204989

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

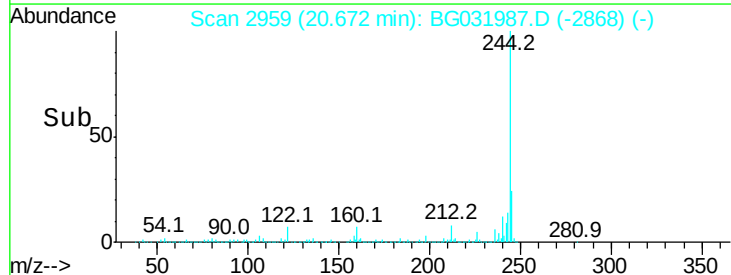
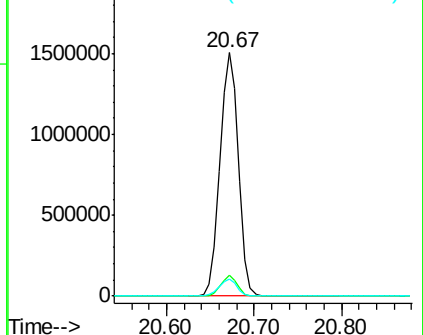
122 7.3 7.0 10.4

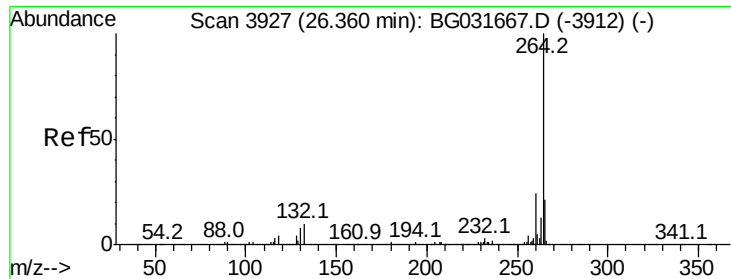


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 40.000 ng
RT: 26.20 min Scan# 3900
Delta R.T. -0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Instrument :
BNA_G
ClientSampleId :
NB-08-010918

Tot Ion:264 Resp: 1098905

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	23.1	17.7	26.5

