

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
 Data File : BG032187.D
 Acq On : 20 Jan 2018 19:57
 Operator : SJ/JU
 Sample : J1186-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-3

Quant Time: Jan 22 05:29:46 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

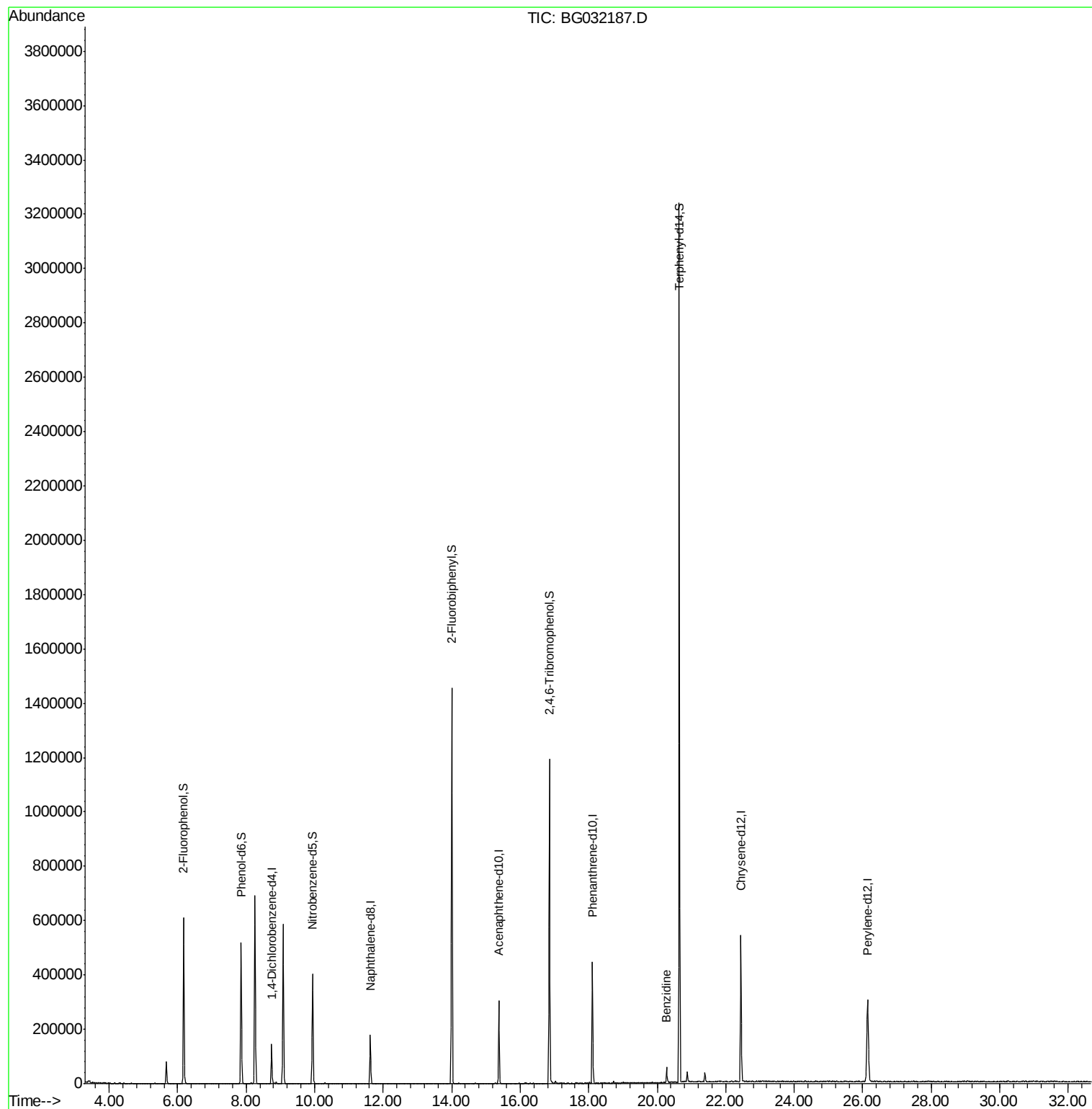
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	46646	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	173934	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	113950	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	303164	20.00	ng	0.00
75) Chrysene-d12	22.44	240	412588	20.00	ng	0.00
86) Perylene-d12	26.14	264	428991	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	300550	117.84	ng	0.00
7) Phenol-d6	7.85	99	323198	100.62	ng	0.00
23) Nitrobenzene-d5	9.94	82	252132	98.07	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	282086	149.60	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	869241	94.59	ng	0.00
78) Terphenyl-d14	20.65	244	1780839	95.31	ng	0.00
Target Compounds						
76) Benzidine	20.28	184	39395	3.818	ng	Qvalue # 94

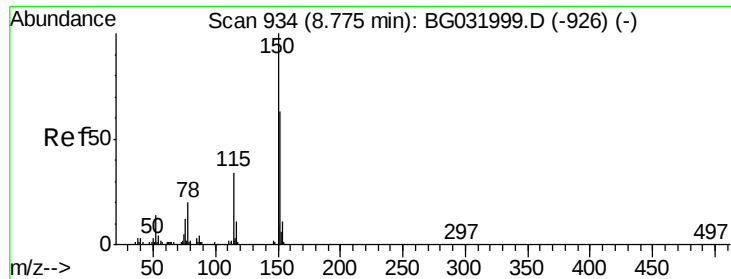
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
Data File : BG032187.D
Acq On : 20 Jan 2018 19:57
Operator : SJ/JU
Sample : J1186-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWS-3

Quant Time: Jan 22 05:29:46 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration



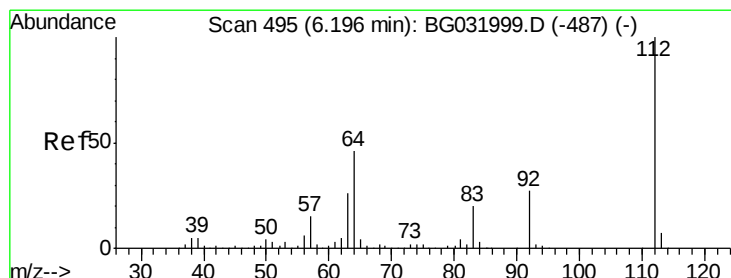
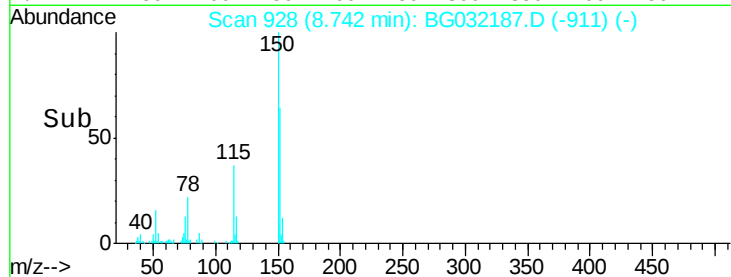
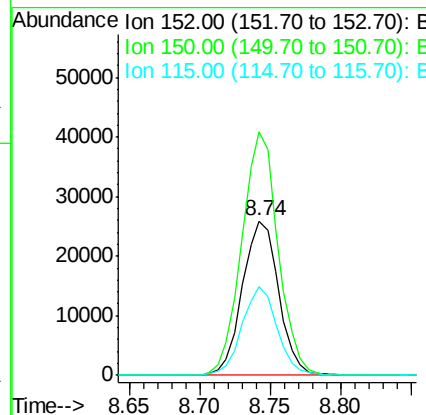
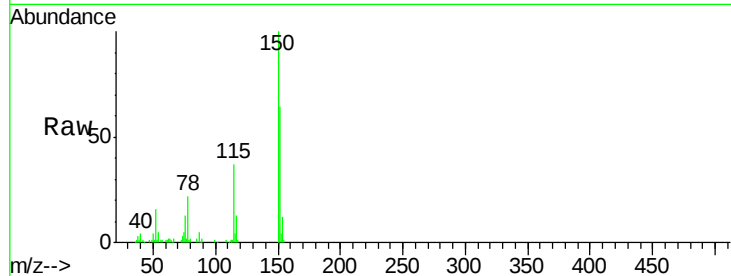


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Instrument :
BNA_G
ClientSampled :
OWS-3

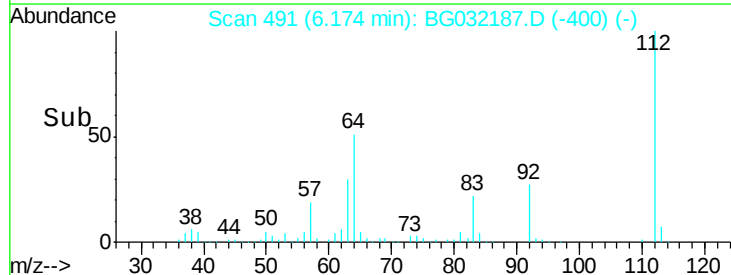
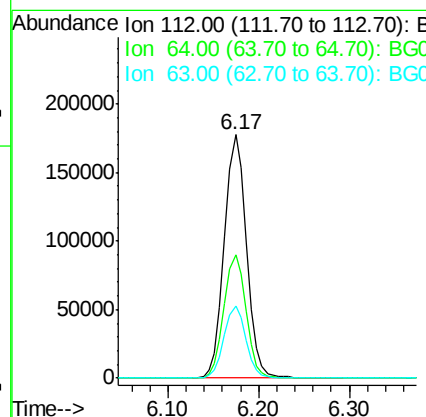
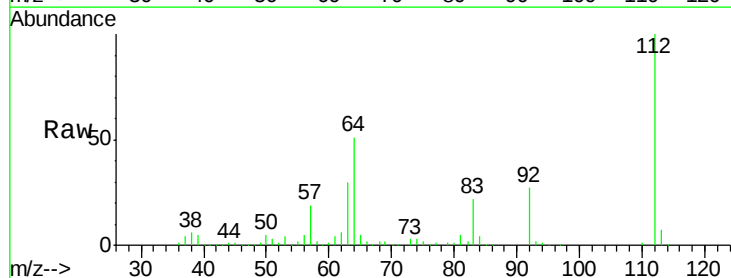
Tot Ion:152 Resp: 46646
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 57.6 53.0 79.4

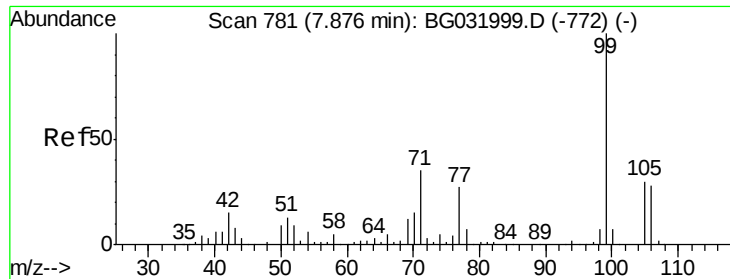


#5

2-Fluorophenol
Concen: 117.842 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.01 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Tgt Ion:112 Resp: 300550
Ion Ratio Lower Upper
112 100
64 50.6 56.3 84.5#
63 29.7 30.1 45.1#





#7

Phenol-d6

Concen: 100.618 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG032187.D

Acq: 20 Jan 2018 19:57

Instrument :

BNA_G

ClientSampleId :

OWS-3

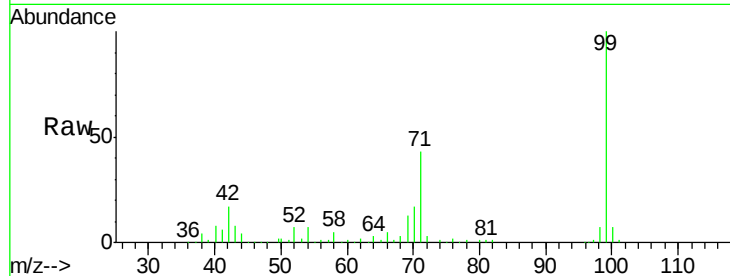
Tot Ion: 99 Resp: 323198

Ion Ratio Lower Upper

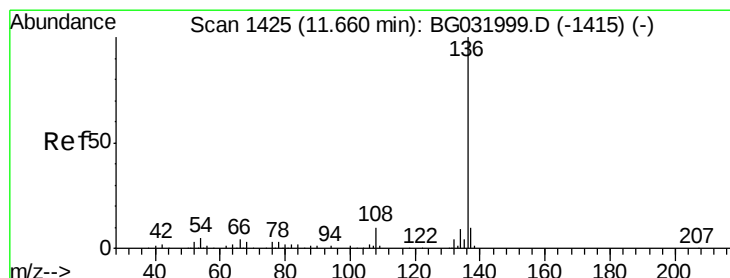
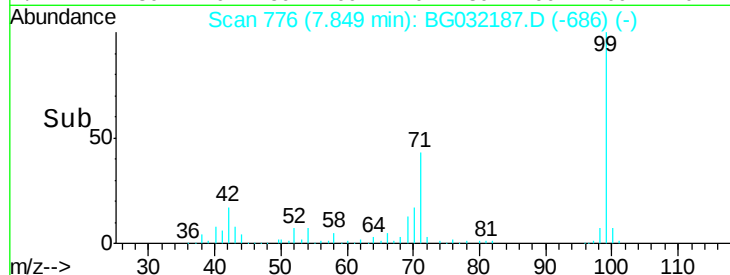
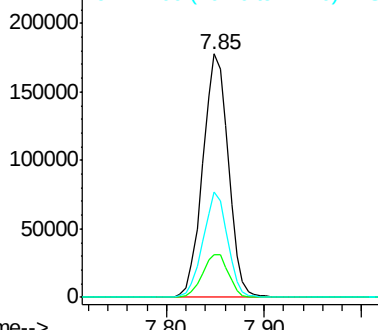
99 100

42 17.4 14.1 21.1

71 43.1 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: 11.62 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BG032187.D

Acq: 20 Jan 2018 19:57

Tgt Ion: 136 Resp: 173934

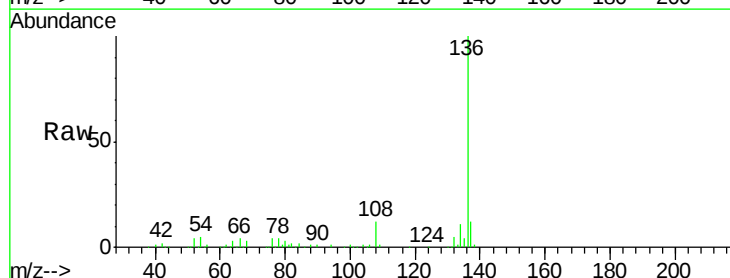
Ion Ratio Lower Upper

136 100

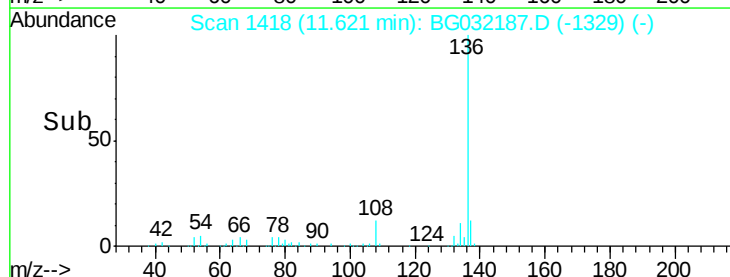
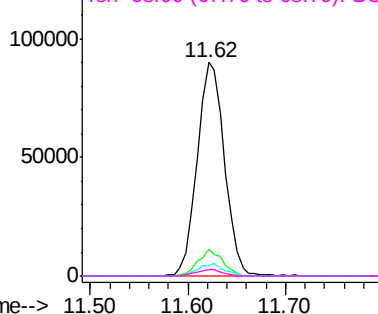
137 12.4 9.2 13.8

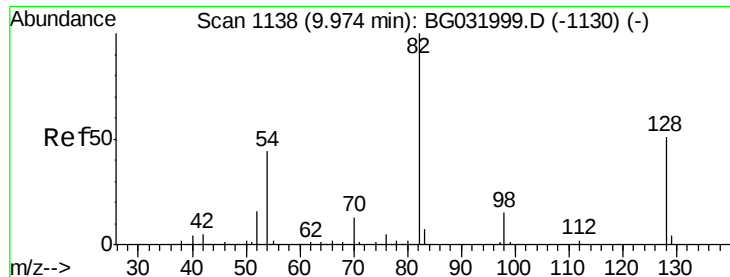
54 5.0 10.3 15.5#

68 3.2 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

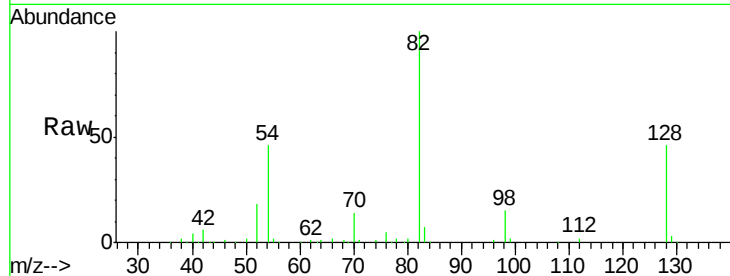




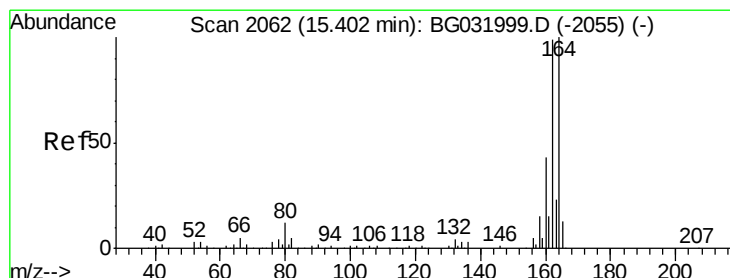
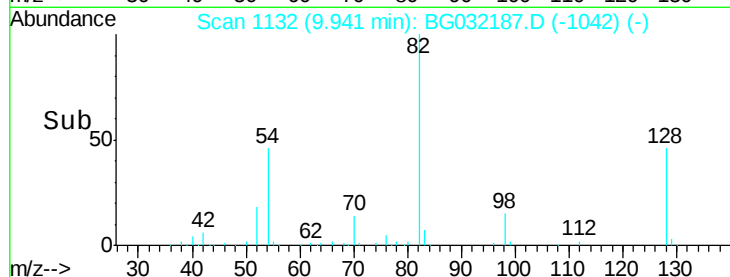
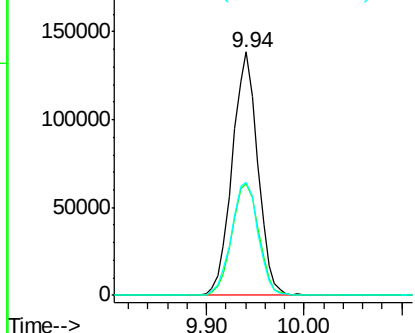
#23
Nitrobenzene-d5
Concen: 98.071 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Instrument :
BNA_G
ClientSampled :
OWS-3

Tot Ion: 82 Resp: 252132
Ion Ratio Lower Upper
82 100
128 46.2 29.7 44.5#
54 46.2 43.1 64.7

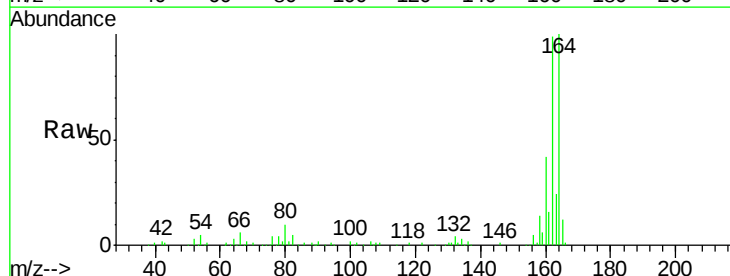


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

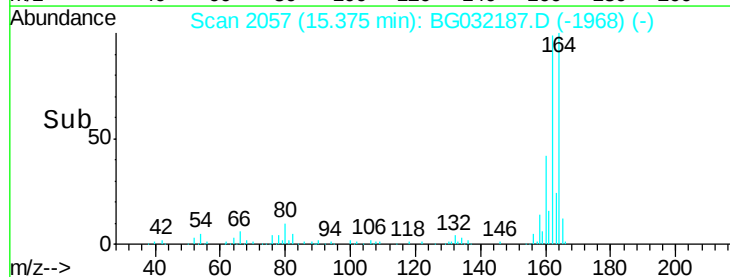
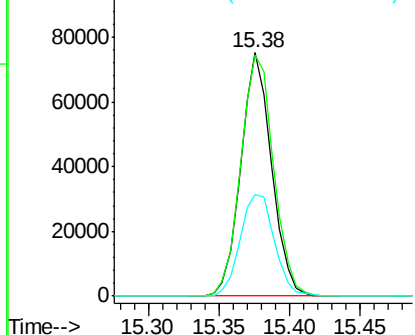


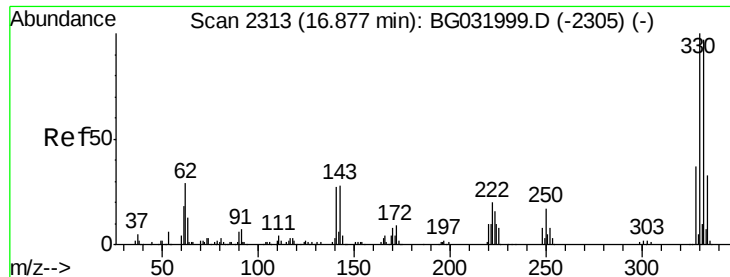
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Tgt Ion:164 Resp: 113950
Ion Ratio Lower Upper
164 100
162 98.8 78.8 118.2
160 41.6 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

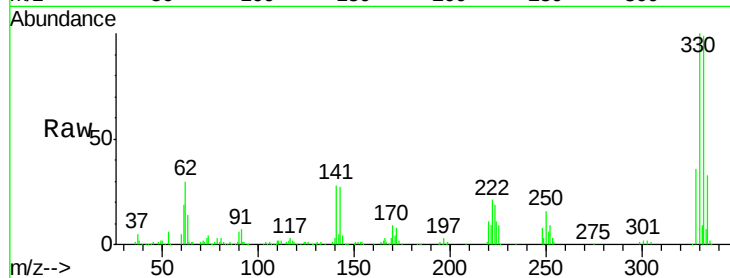




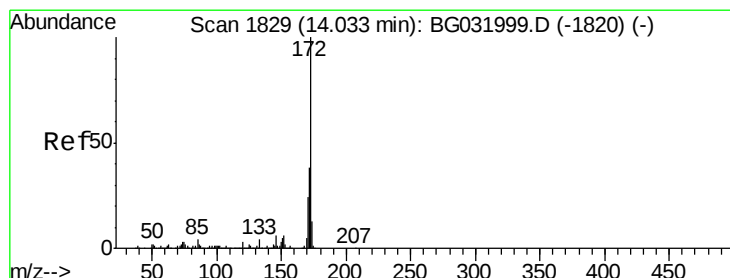
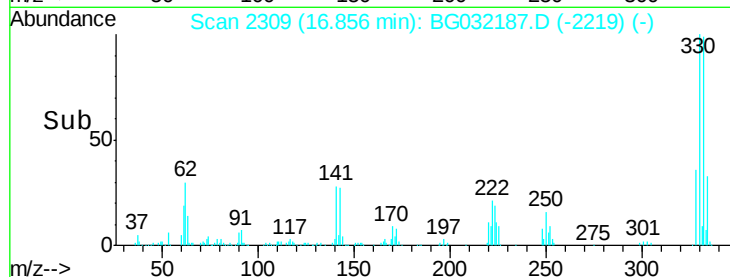
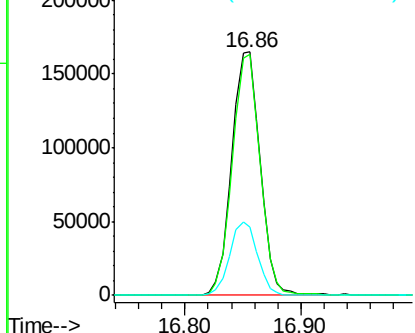
#41
 2,4,6-Tribromophenol
 Concen: 149.600 ng
 RT: 16.86 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG032187.D
 Acq: 20 Jan 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 OWS-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.5	25.2	37.8

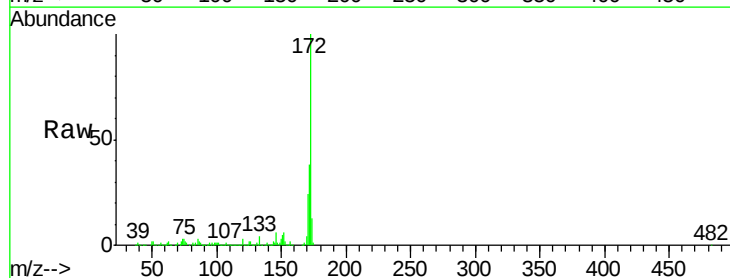


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

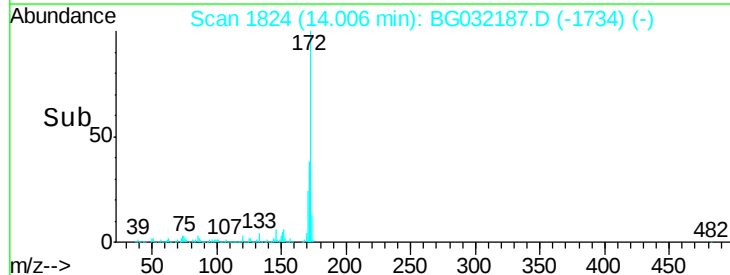
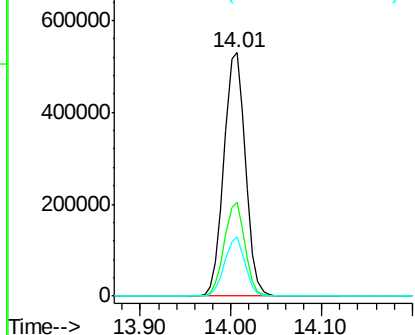


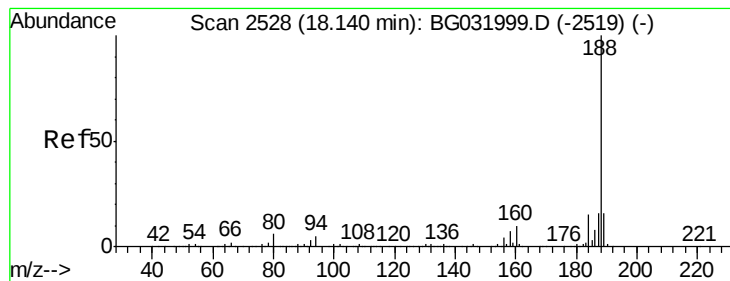
#44
 2-Fluorobiphenyl
 Concen: 94.587 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG032187.D
 Acq: 20 Jan 2018 19:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	24.2	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: 18.11 min Scan# 2522

Delta R.T. -0.01 min

Lab File: BG032187.D

Acq: 20 Jan 2018 19:57

Instrument :

BNA_G

ClientSampleId :

OWS-3

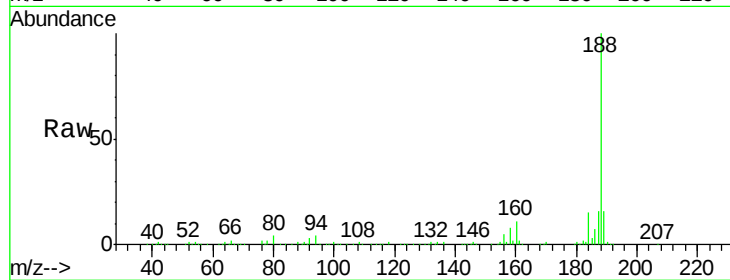
Tot Ion:188 Resp: 303164

Ion Ratio Lower Upper

188 100

94 4.5 6.9 10.3#

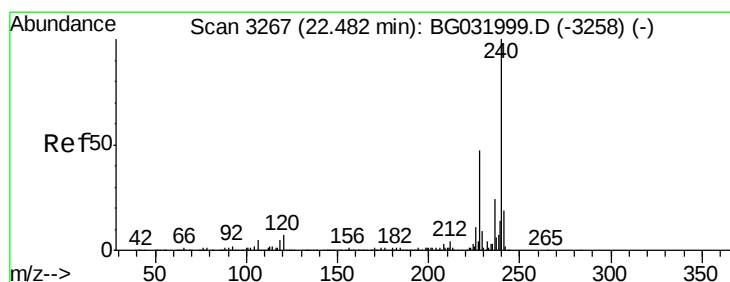
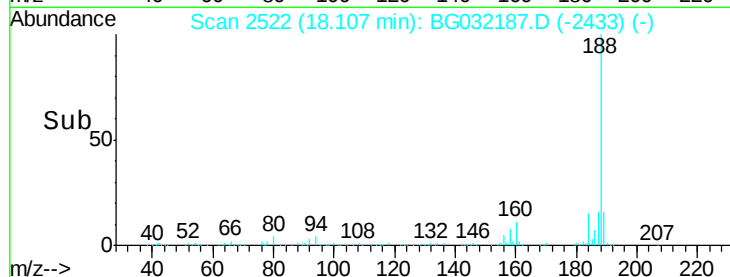
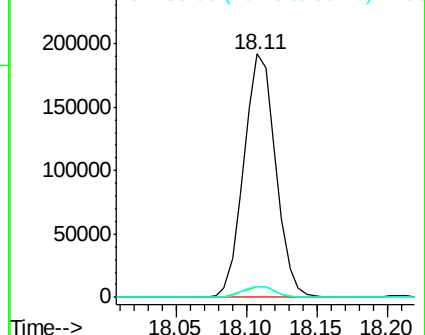
80 4.4 7.7 11.5#



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: 22.44 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BG032187.D

Acq: 20 Jan 2018 19:57

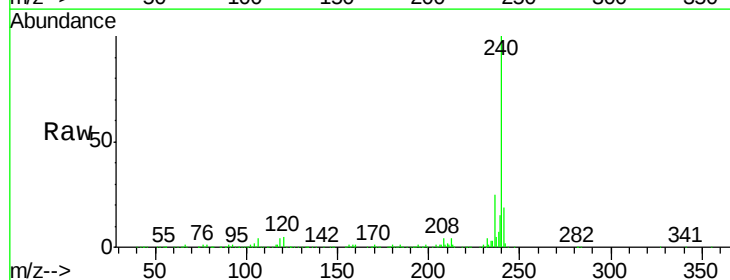
Tgt Ion:240 Resp: 412588

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

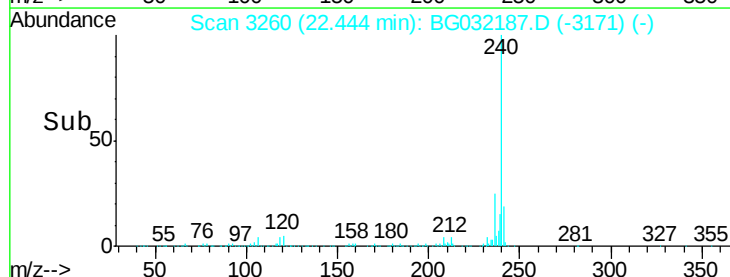
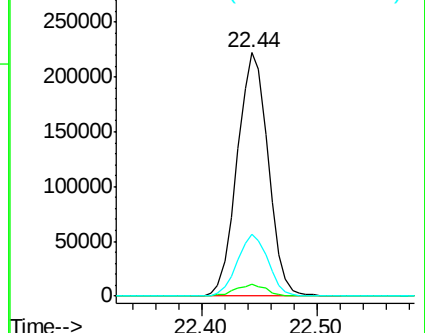
236 25.2 20.9 31.3

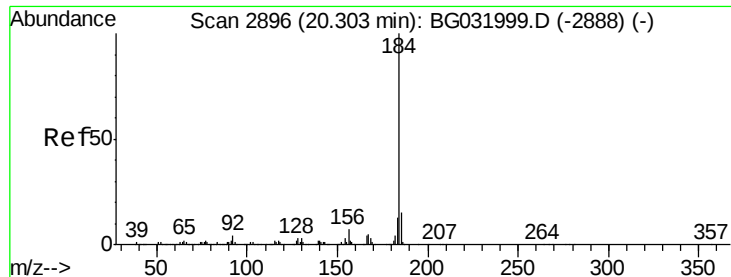


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

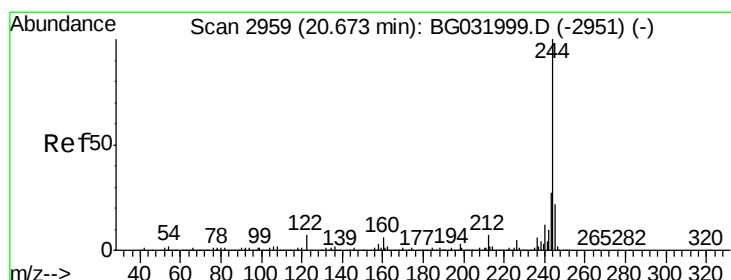
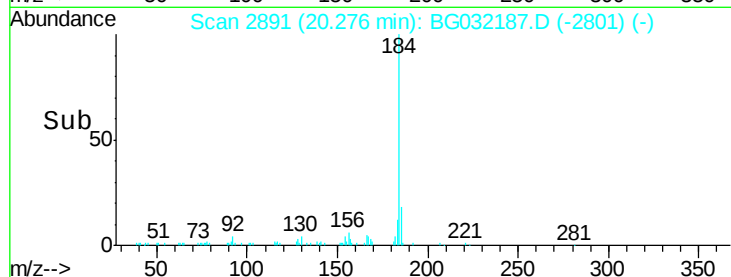
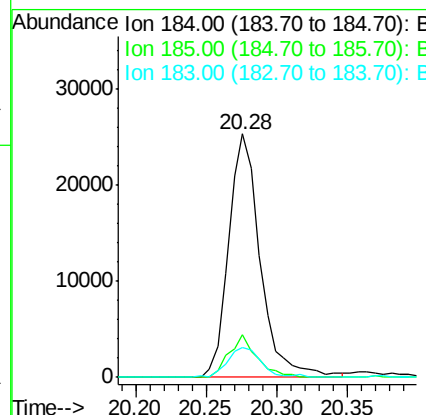
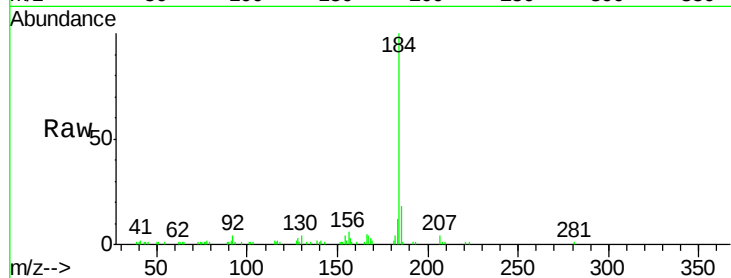




#76
Benzidine
Concen: 3.818 ng
RT: 20.28 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

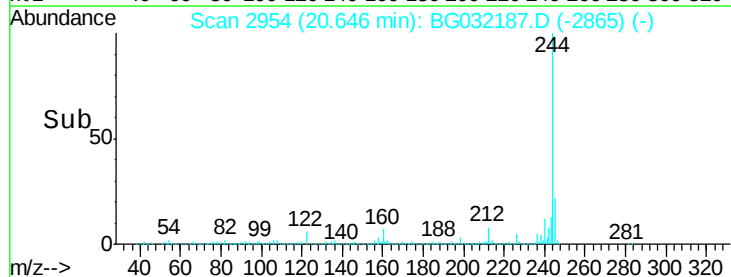
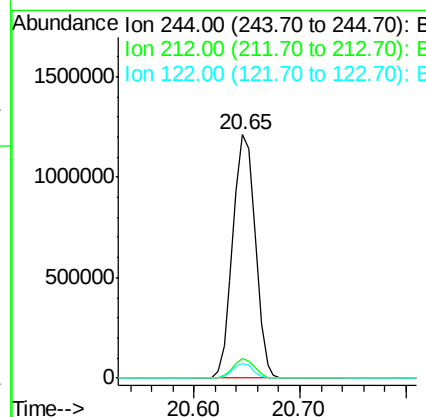
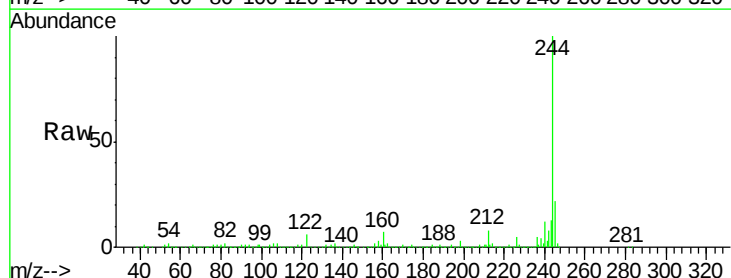
Instrument :
BNA_G
ClientSampleId :
OWS-3

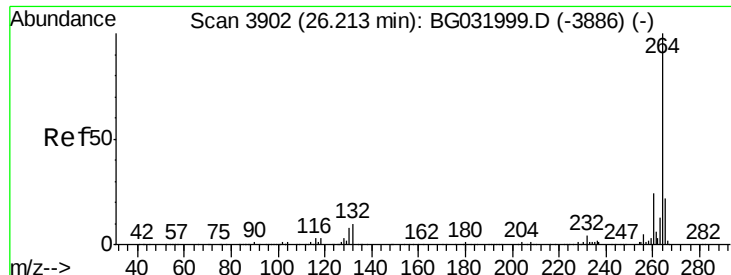
Tot Ion:184 Resp: 39395
Ion Ratio Lower Upper
184 100
185 17.5 11.1 16.7#
183 12.2 10.6 16.0



#78
Terphenyl-d14
Concen: 95.305 ng
RT: 20.65 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Tgt Ion:244 Resp: 1780839
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.8
122 6.1 7.0 10.4#

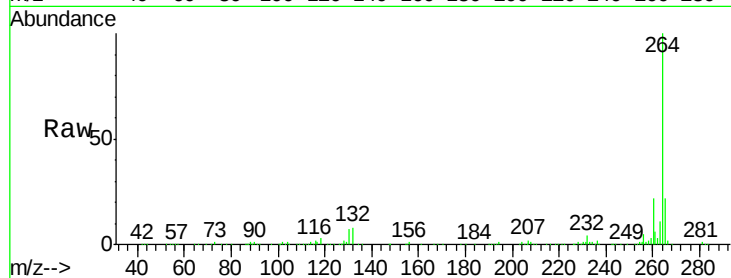




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.14 min Scan# 3889
 Delta R.T. -0.01 min
 Lab File: BG032187.D
 Acq: 20 Jan 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 OWS-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	21.7	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

