

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033426.D
 Acq On : 29 Mar 2018 18:57
 Operator : SJ/JU
 Sample : J1754-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-C

Quant Time: Mar 30 07:55:13 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

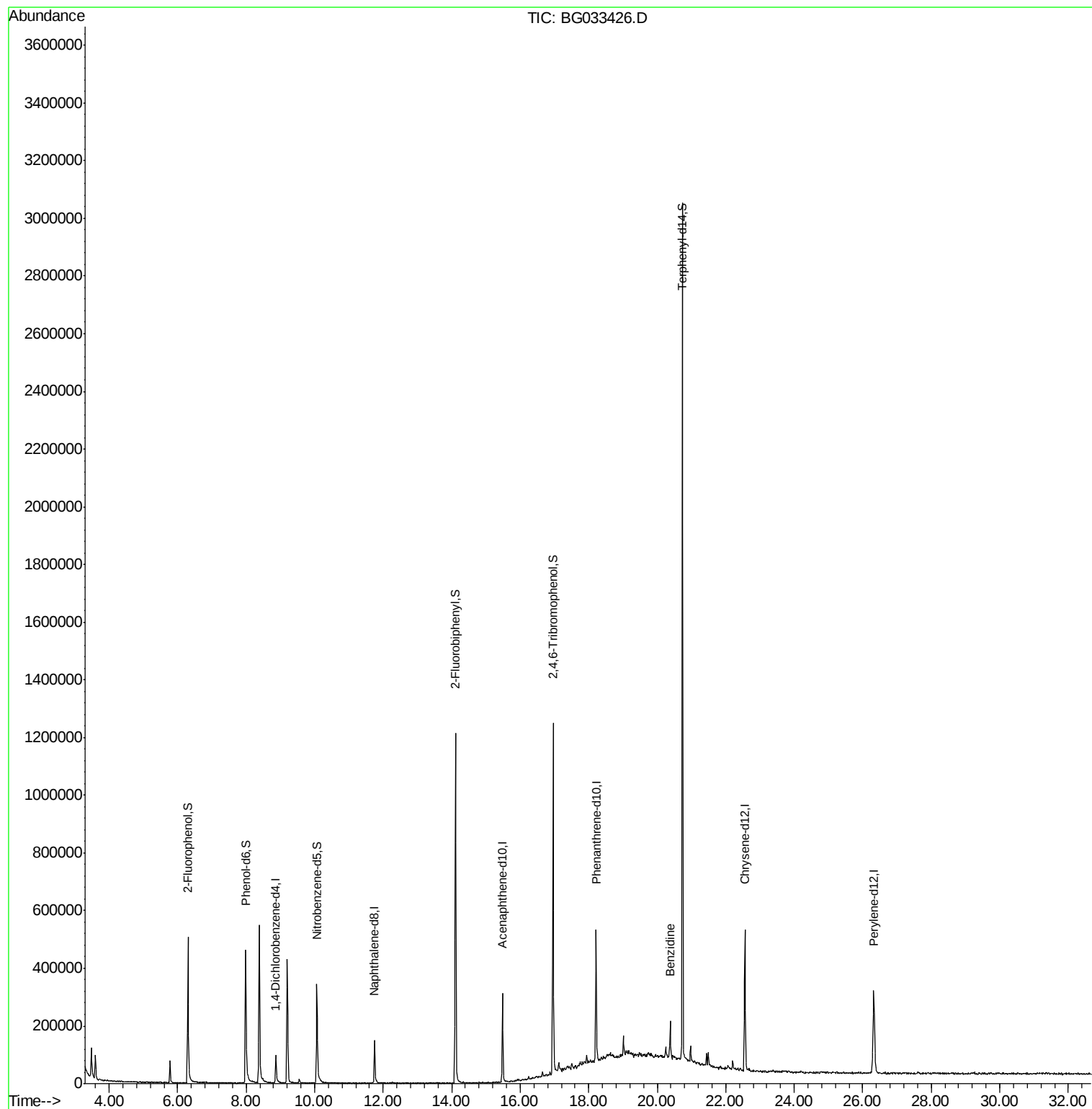
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	32986	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	141334	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	115287	20.00	ng	0.00
63) Phenanthrene-d10	18.22	188	325135	20.00	ng	0.00
75) Chrysene-d12	22.56	240	358953	20.00	ng	0.00
86) Perylene-d12	26.32	264	392108	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	238381	135.51	ng	0.00
7) Phenol-d6	7.99	99	338982	112.15	ng	0.00
23) Nitrobenzene-d5	10.07	82	268927	87.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	255070	147.93	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	694727	86.99	ng	0.00
78) Terphenyl-d14	20.74	244	1515244	90.28	ng	0.00
Target Compounds						
76) Benzidine	20.37	184	67651	6.950	ng	Qvalue # 95

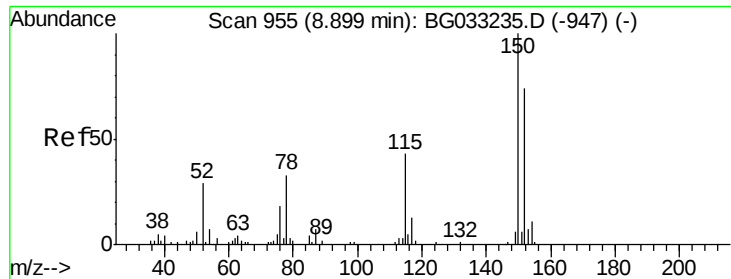
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
Data File : BG033426.D
Acq On : 29 Mar 2018 18:57
Operator : SJ/JU
Sample : J1754-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-C

Quant Time: Mar 30 07:55:13 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration



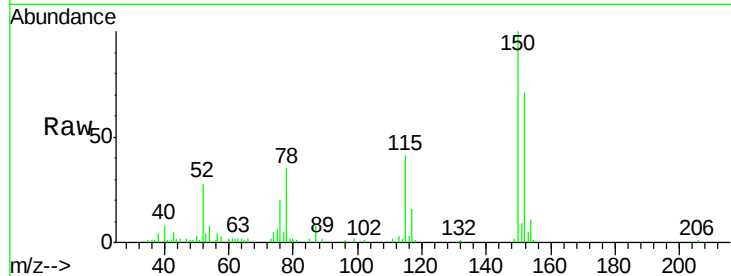


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033426.D
Acq: 29 Mar 2018 18:57

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.0	126.6	189.8
115	57.1	53.0	79.4

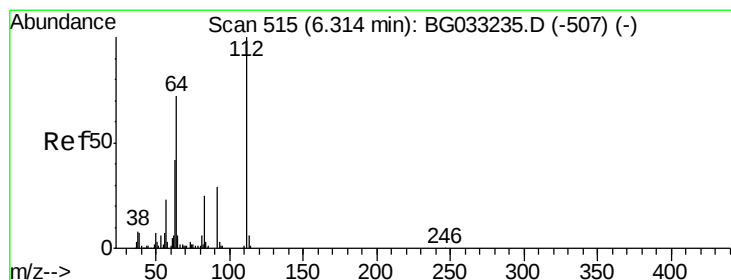
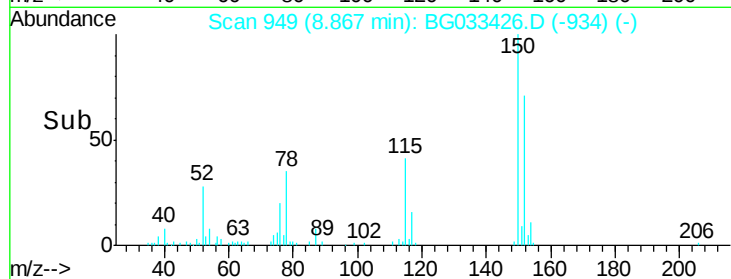
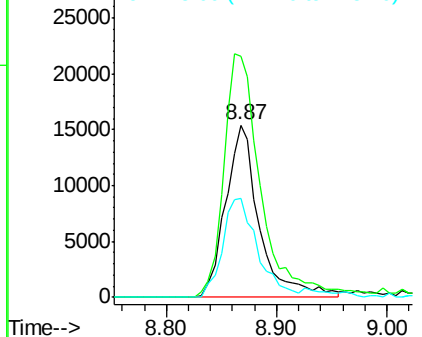


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

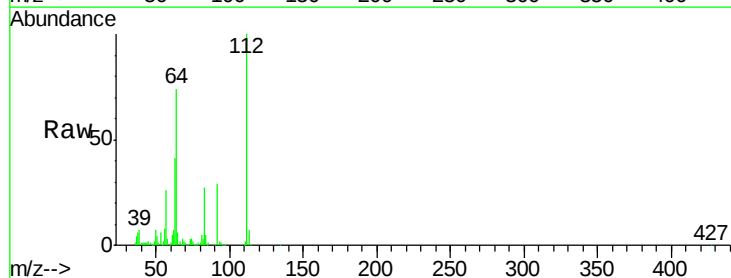
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 135.510 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.01 min
Lab File: BG033426.D
Acq: 29 Mar 2018 18:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.3	56.3	84.5
63	41.0	30.1	45.1

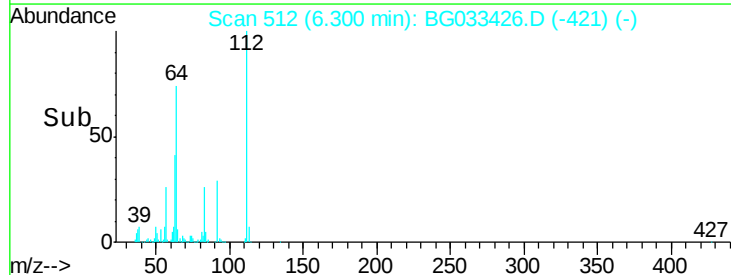
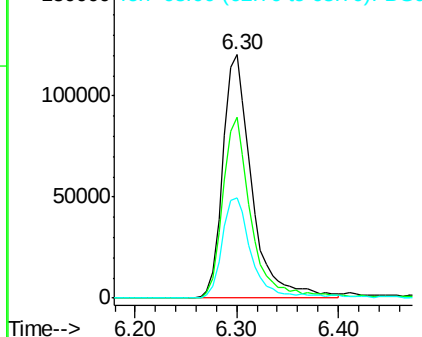


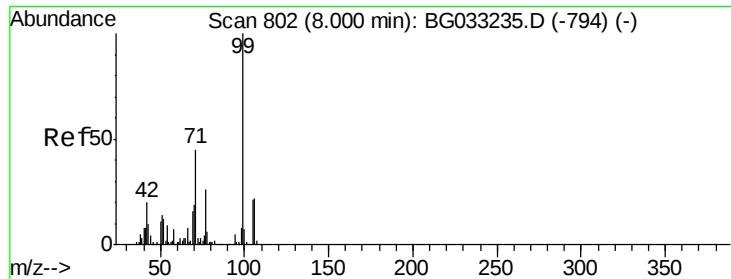
Abundance

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: 112.150 ng

RT: 7.99 min Scan# 799

Delta R.T. 0.01 min

Lab File: BG033426.D

Acq: 29 Mar 2018 18:57

Instrument :

BNA_G

ClientSampleId :

CL-02-032718-C

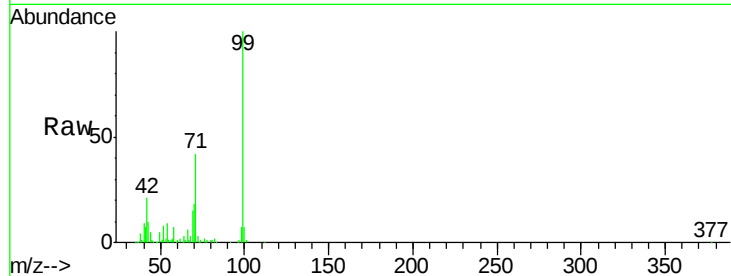
Tot Ion: 99 Resp: 338982

Ion Ratio Lower Upper

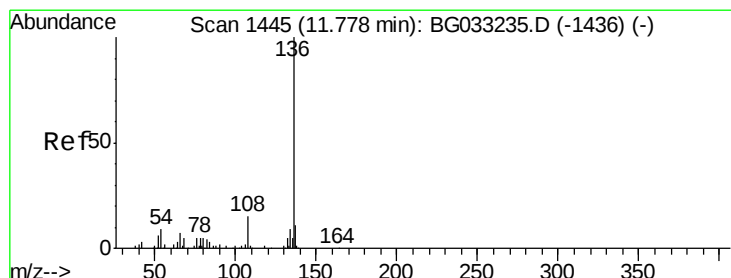
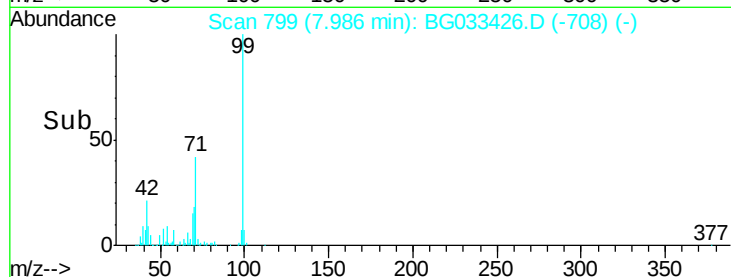
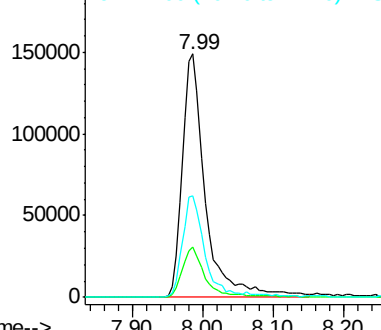
99 100

42 20.6 14.1 21.1

71 41.6 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: 11.75 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG033426.D

Acq: 29 Mar 2018 18:57

Tgt Ion: 136 Resp: 141334

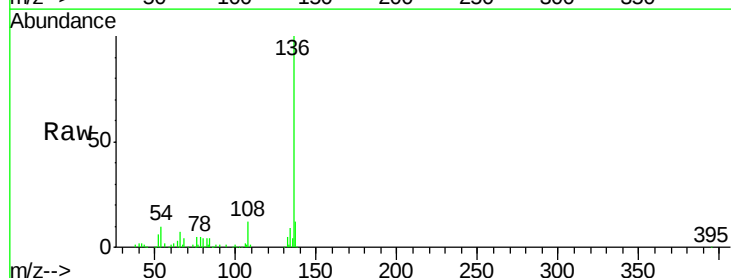
Ion Ratio Lower Upper

136 100

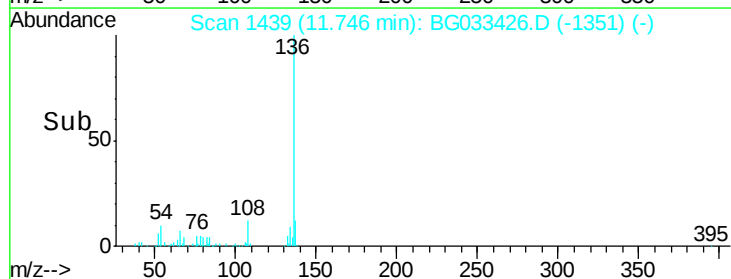
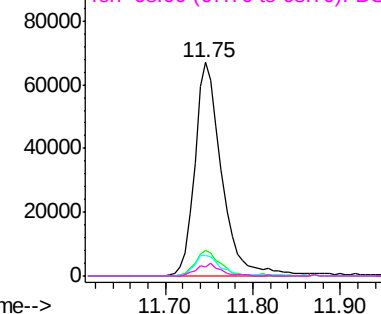
137 12.1 9.2 13.8

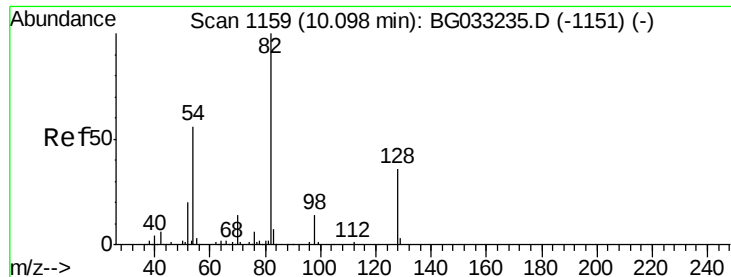
54 9.5 10.3 15.5#

68 4.2 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

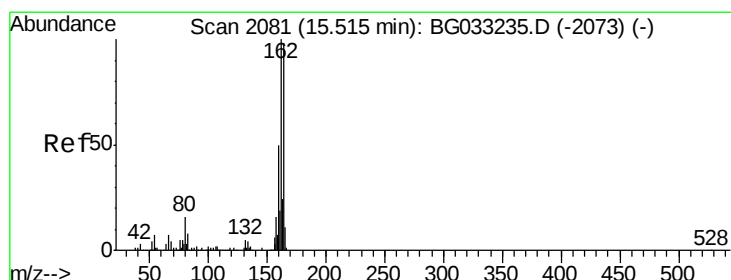
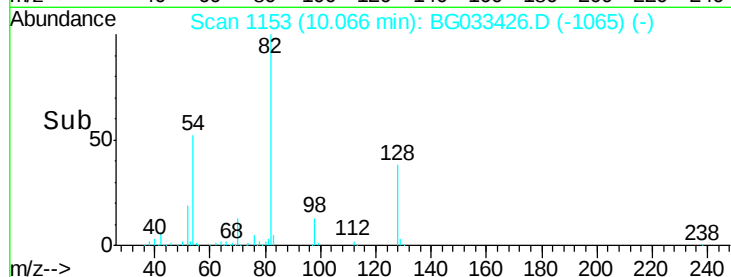
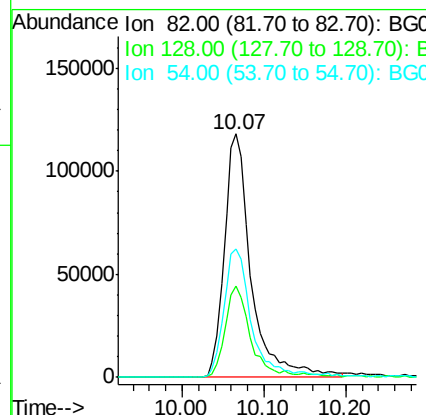
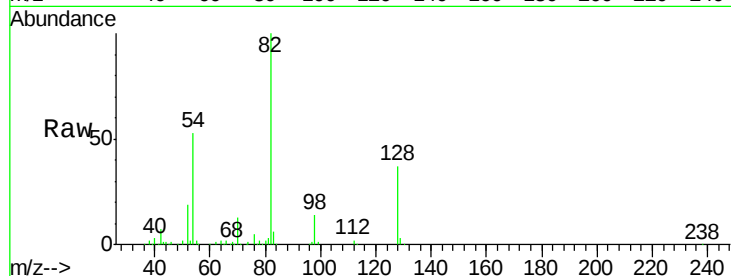




#23
 Nitrobenzene-d5
 Concen: 87.421 ng
 RT: 10.07 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033426.D
 Acq: 29 Mar 2018 18:57

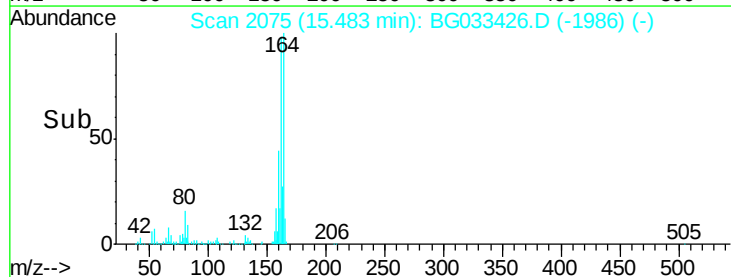
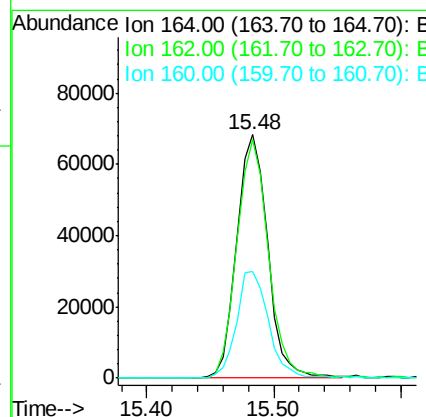
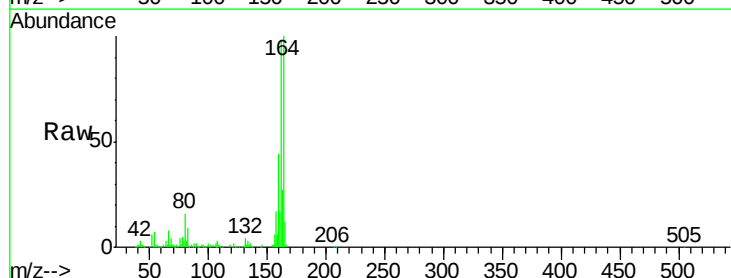
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-C

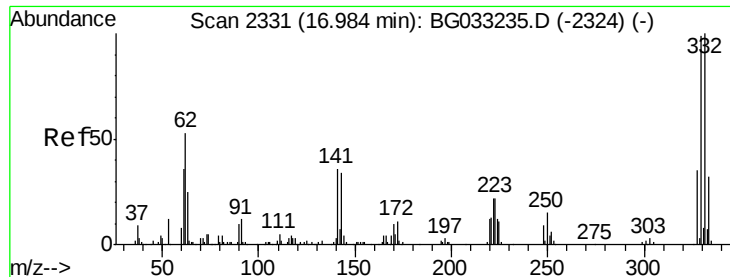
Tot Ion	82	Resp	268927
Ion Ratio	Lower	Upper	
82	100		
128	37.4	29.7	44.5
54	52.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033426.D
 Acq: 29 Mar 2018 18:57

Tgt Ion	164	Resp	115287
Ion Ratio	Lower	Upper	
164	100		
162	97.9	78.8	118.2
160	43.9	35.4	53.0

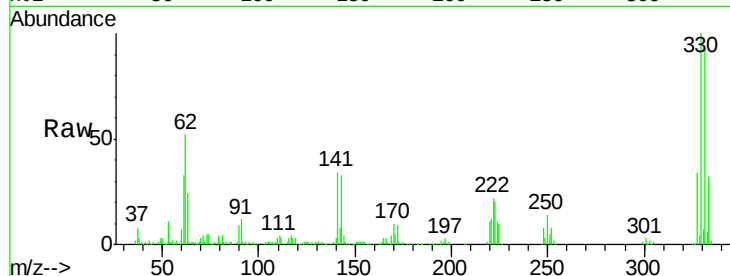




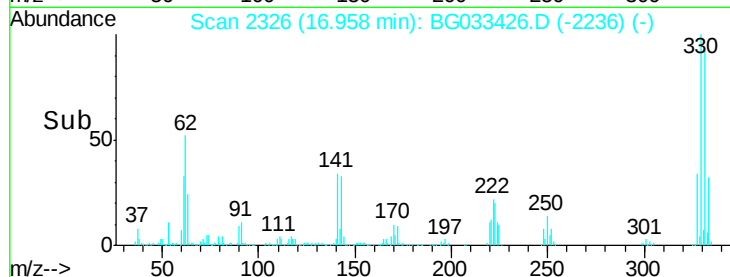
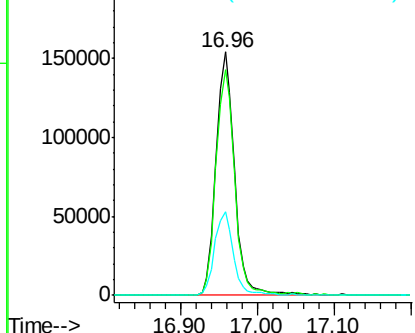
#41
 2,4,6-Tribromophenol
 Concen: 147.931 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033426.D
 Acq: 29 Mar 2018 18:57

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.6
141	34.5	25.2	37.8

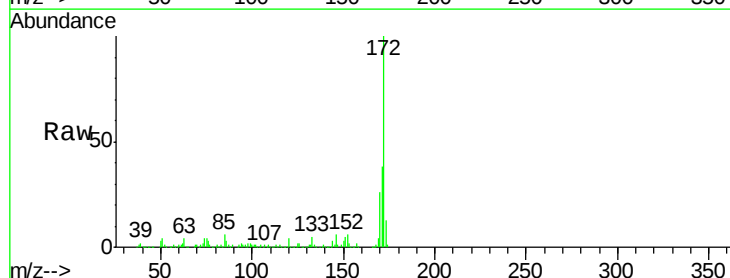


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

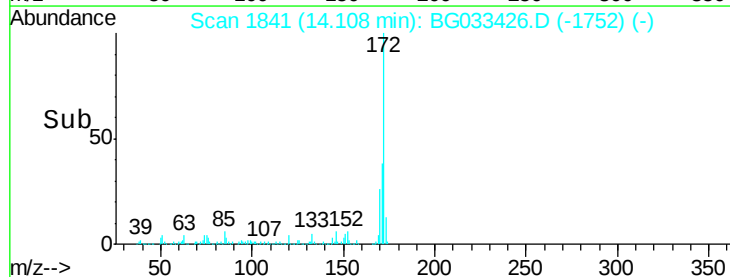
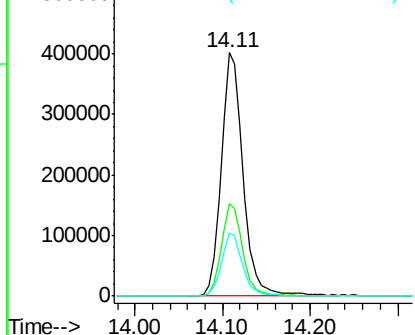


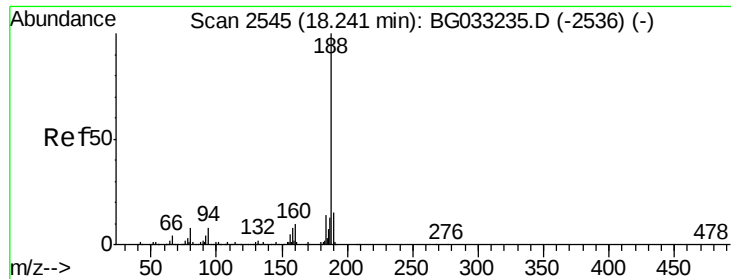
#44
 2-Fluorobiphenyl
 Concen: 86.994 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033426.D
 Acq: 29 Mar 2018 18:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	25.8	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

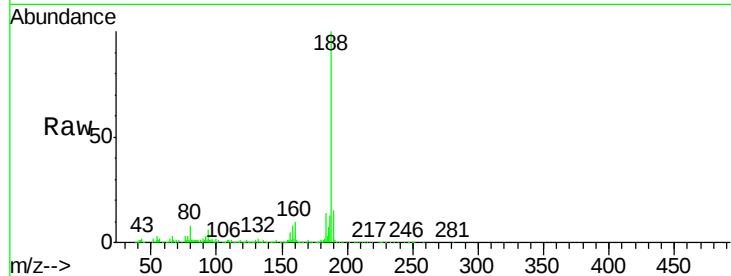




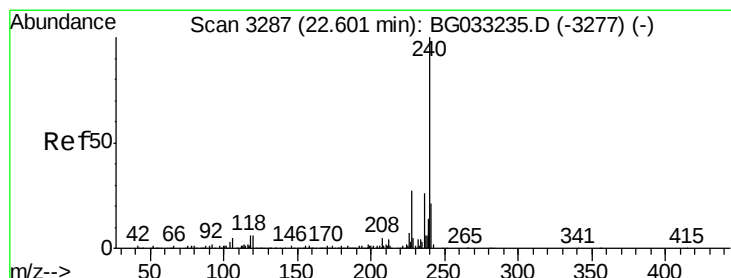
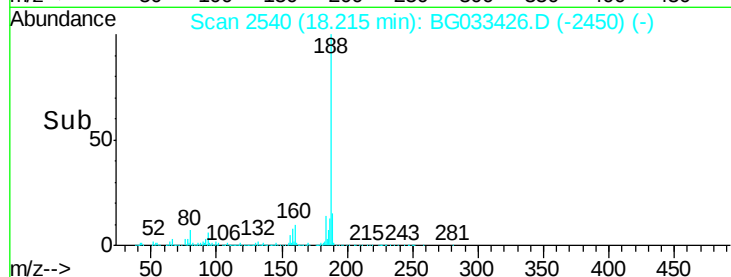
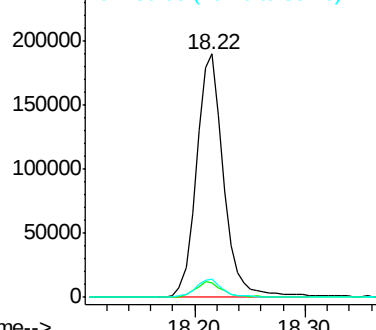
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.22 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BG033426.D
Acq: 29 Mar 2018 18:57

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-C

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	7.7	7.7	11.5

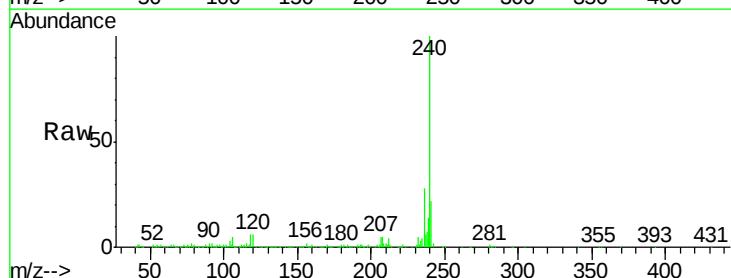


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

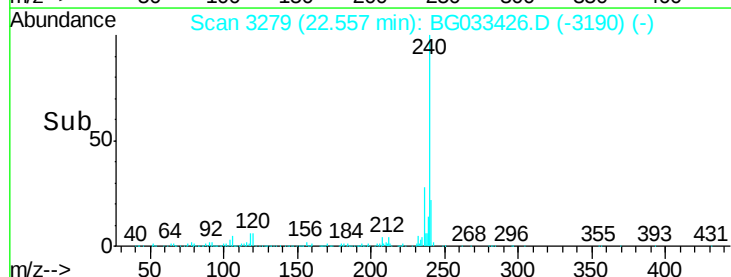
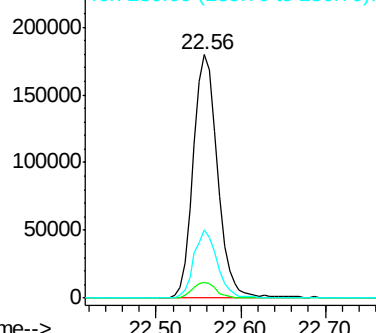


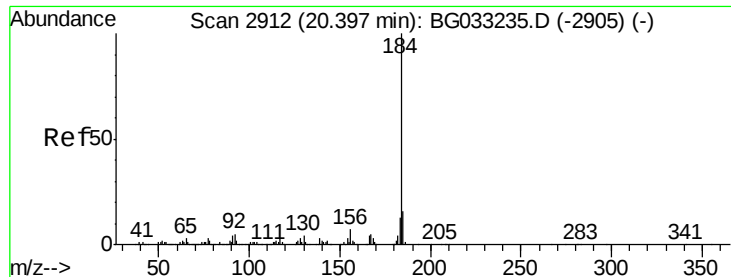
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033426.D
Acq: 29 Mar 2018 18:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	27.8	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





#76

Benzidine

Concen: 6.950 ng

RT: 20.37 min Scan# 2907

Delta R.T. 0.00 min

Lab File: BG033426.D

Acq: 29 Mar 2018 18:57

Instrument :

BNA_G

ClientSampleId :

CL-02-032718-C

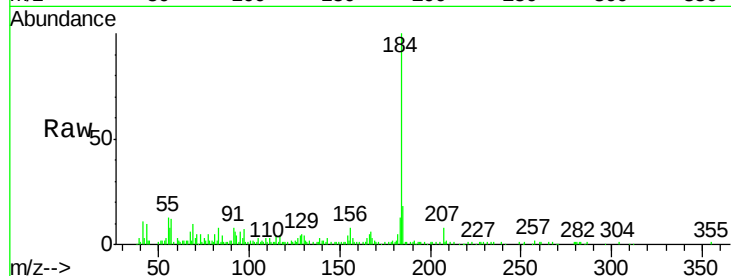
Tot Ion:184 Resp: 67651

Ion Ratio Lower Upper

184 100

185 17.7 11.1 16.7#

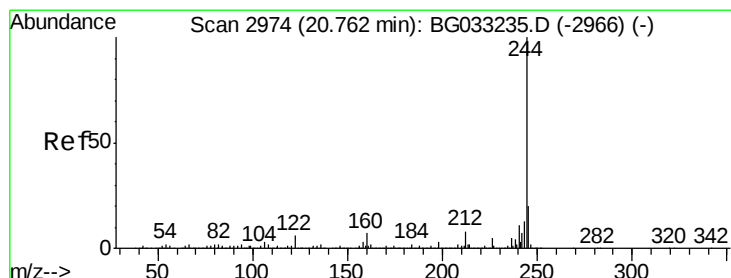
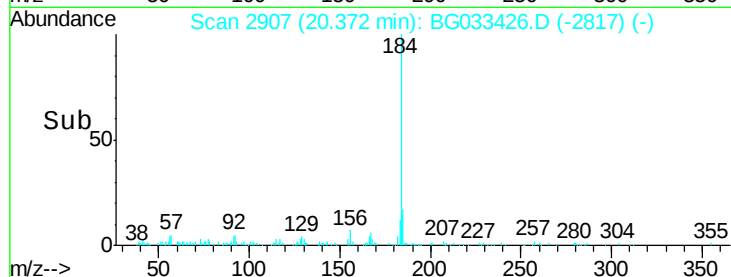
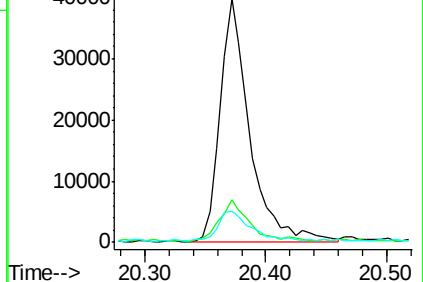
183 12.9 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 90.277 ng

RT: 20.74 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BG033426.D

Acq: 29 Mar 2018 18:57

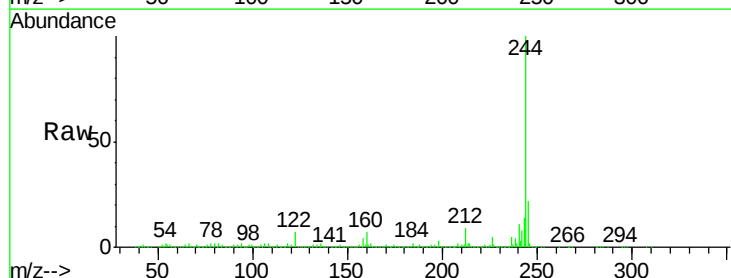
Tgt Ion:244 Resp: 1515244

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

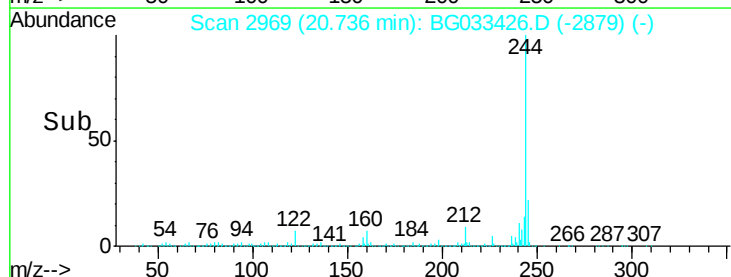
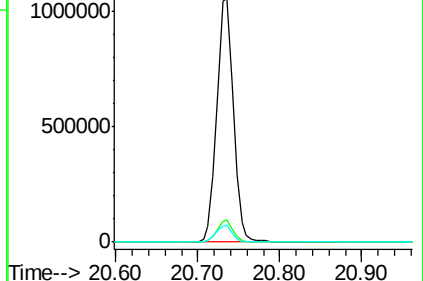
122 6.9 7.0 10.4#



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: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.01 min
 Lab File: BG033426.D
 Acq: 29 Mar 2018 18:57

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.9	17.7	26.5

