

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032166.D
 Acq On : 20 Jan 2018 00:07
 Operator : SJ/JU
 Sample : J1185-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 15180

Quant Time: Jan 20 01:33:56 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

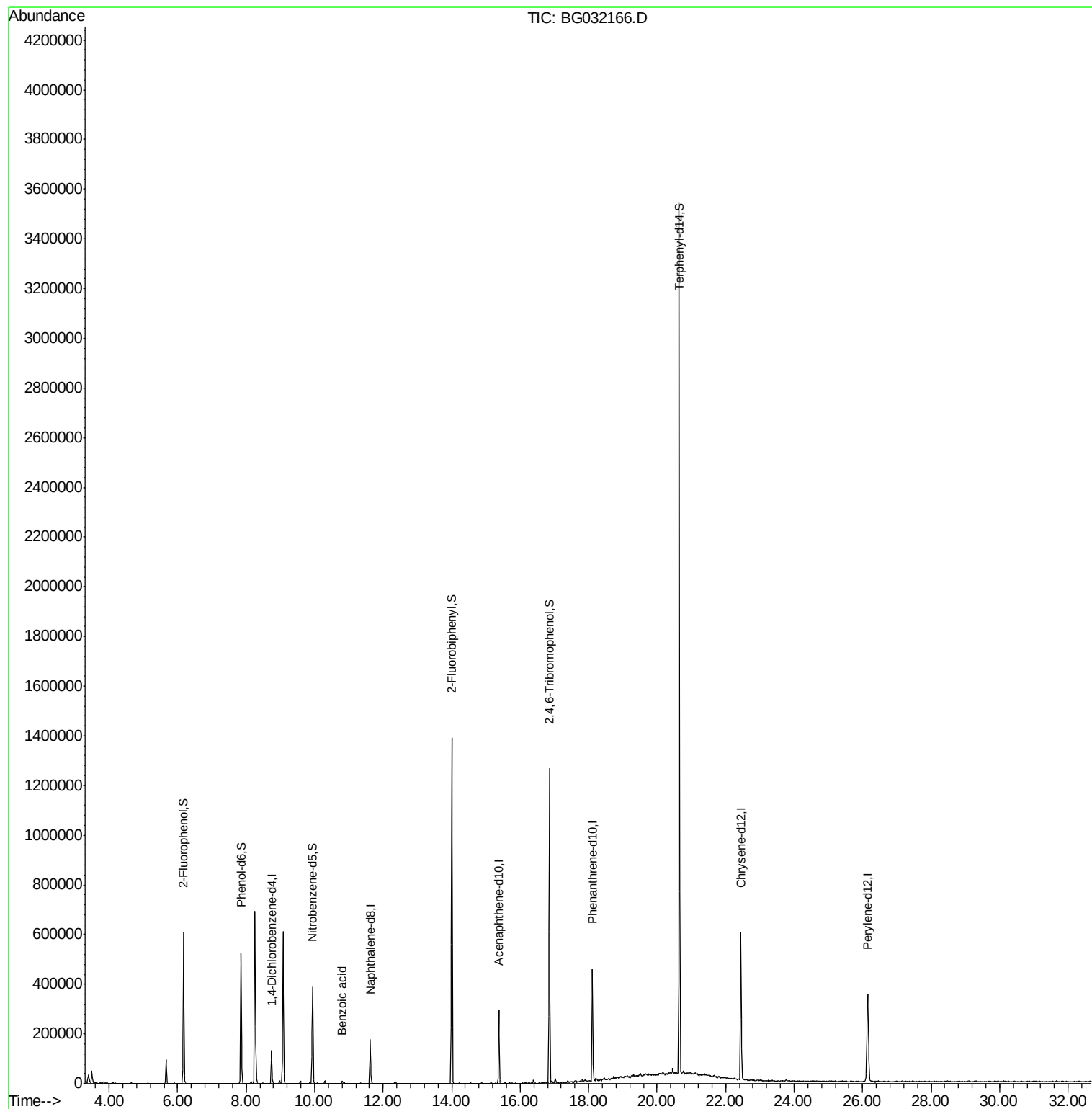
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	44527	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	168375	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	110225	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	306144	20.00	ng	0.00
75) Chrysene-d12	22.45	240	458776	20.00	ng	0.00
86) Perylene-d12	26.15	264	471857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	300729	123.52	ng	0.00
7) Phenol-d6	7.85	99	328571	107.16	ng	0.00
23) Nitrobenzene-d5	9.94	82	260263	104.58	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	286287	156.96	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	847067	95.29	ng	0.00
78) Terphenyl-d14	20.65	244	1897808	91.34	ng	0.00
Target Compounds						
32) Benzoic acid	10.81	122	6939	8.556	ng	Qvalue # 83

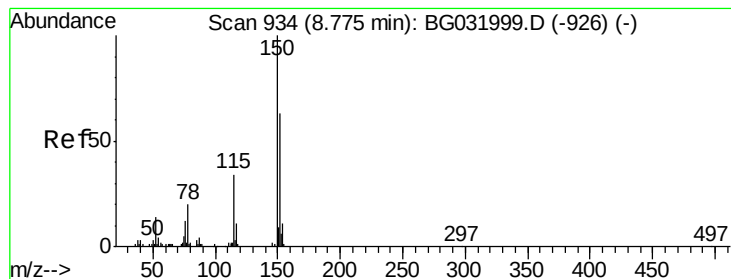
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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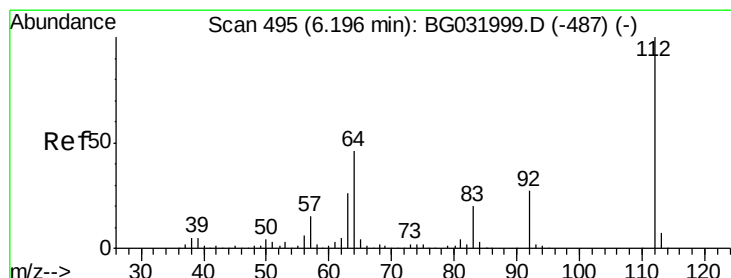
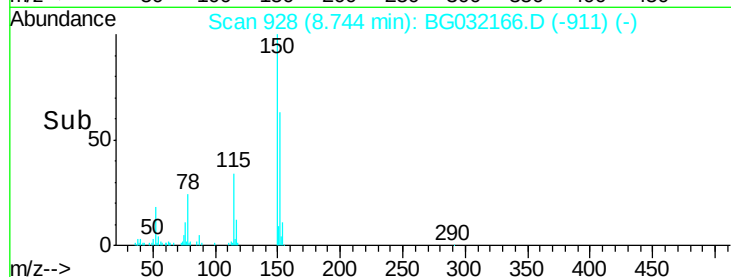
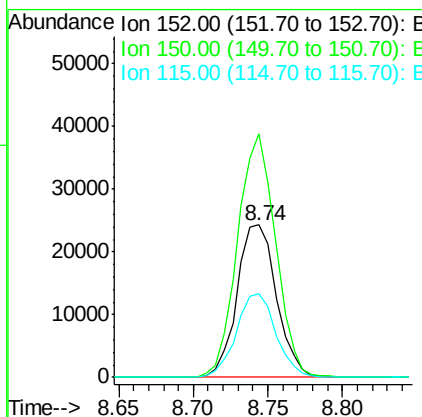
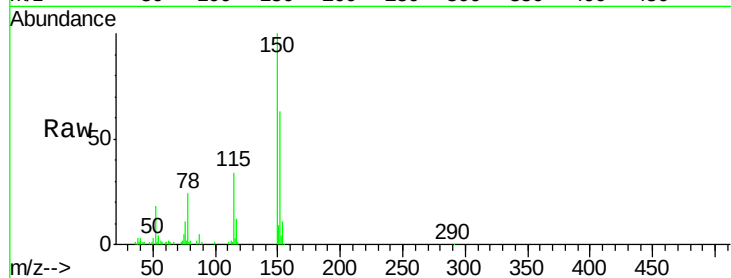


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG032166.D
Acq: 20 Jan 2018 00:07

Instrument :
BNA_G
ClientSampled :
15180

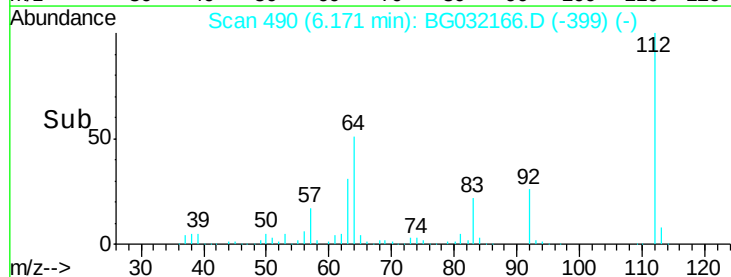
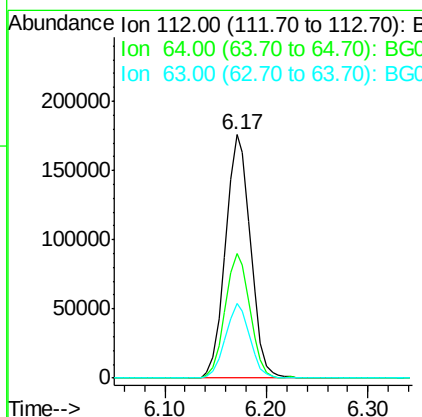
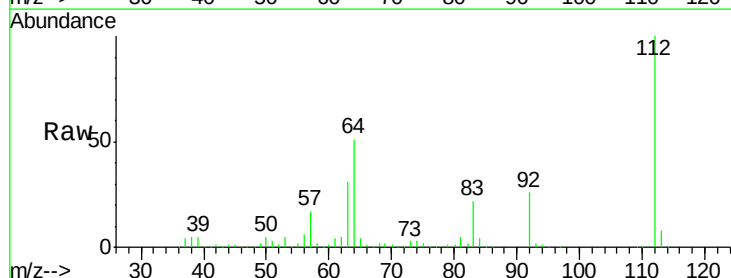
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.6	189.8
115	54.6	53.0	79.4

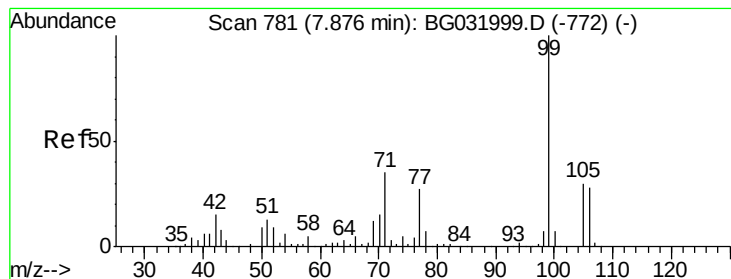


#5

2-Fluorophenol
Concen: 123.524 ng
RT: 6.17 min Scan# 490
Delta R.T. 0.00 min
Lab File: BG032166.D
Acq: 20 Jan 2018 00:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	56.3	84.5#
63	30.8	30.1	45.1





#7

Phenol-d6

Concen: 107.159 ng

RT: 7.85 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG032166.D

Acq: 20 Jan 2018 00:07

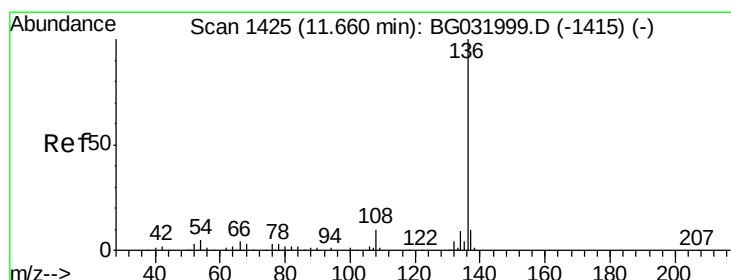
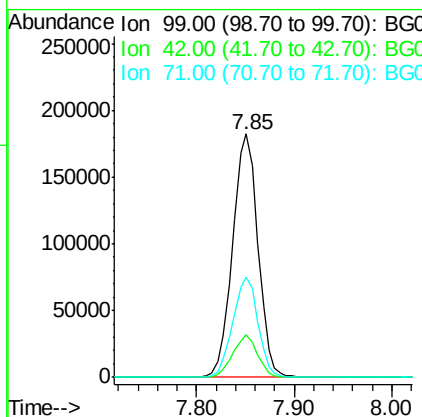
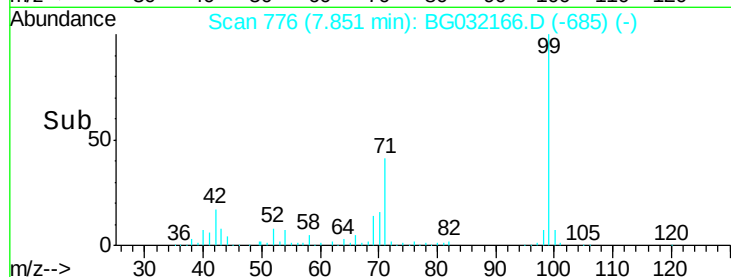
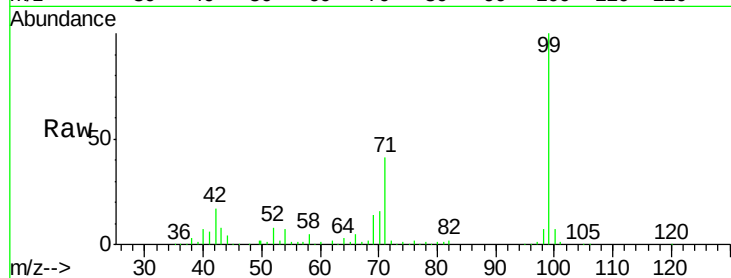
Instrument :

BNA_G

ClientSampleId :
15180

Tot Ion: 99 Resp: 328571

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.1	21.1
71	41.0	26.1	39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.62 min Scan# 1418

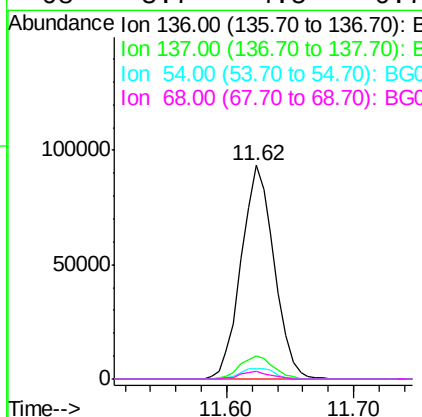
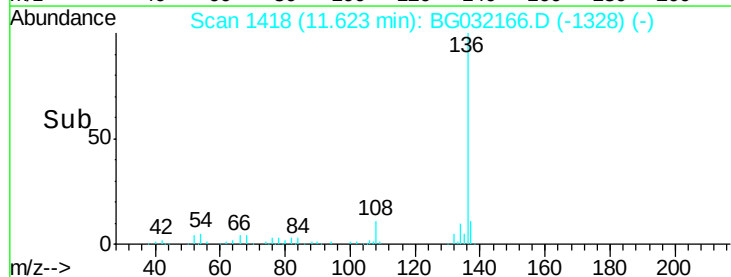
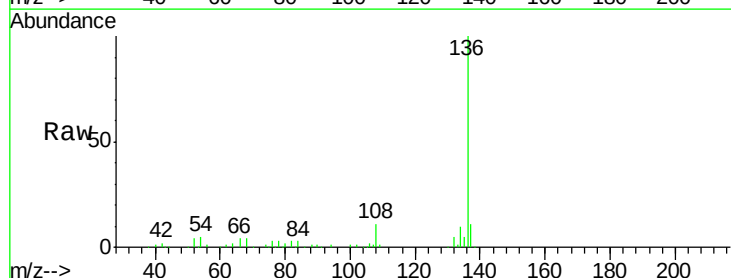
Delta R.T. -0.00 min

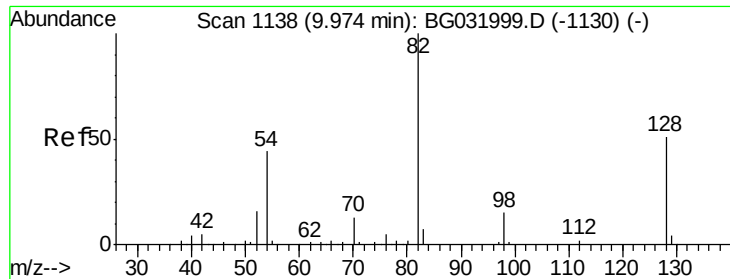
Lab File: BG032166.D

Acq: 20 Jan 2018 00:07

Tgt Ion: 136 Resp: 168375

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	5.0	10.3	15.5#
68	3.7	4.5	6.7#

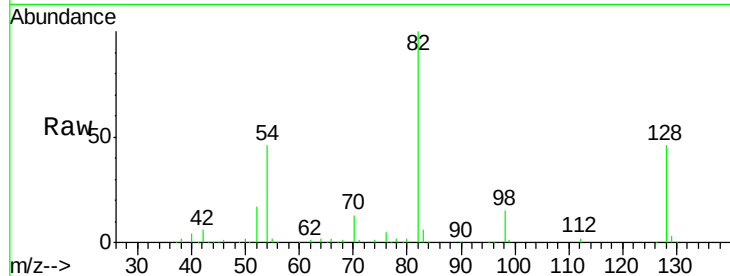




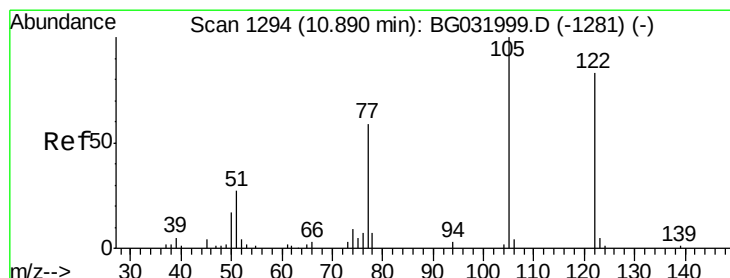
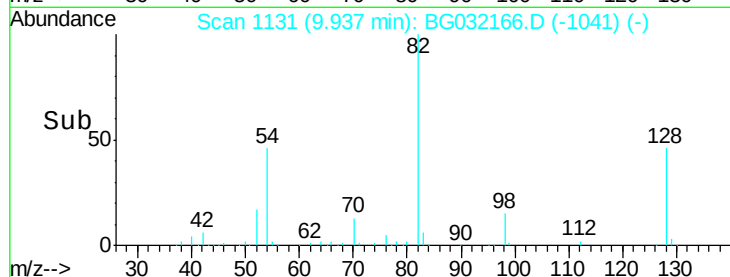
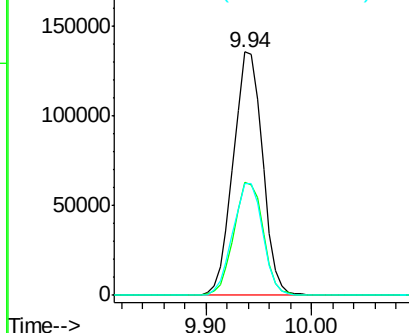
#23
 Nitrobenzene-d5
 Concen: 104.576 ng
 RT: 9.94 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: BG032166.D
 Acq: 20 Jan 2018 00:07

Instrument :
 BNA_G
 ClientSampleId :
 15180

Tot Ion: 82 Resp: 260263
 Ion Ratio Lower Upper
 82 100
 128 46.3 29.7 44.5#
 54 46.2 43.1 64.7

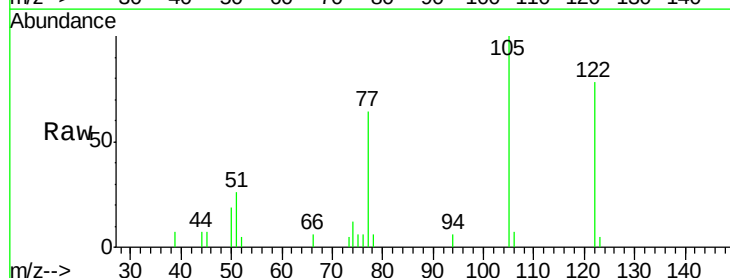


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

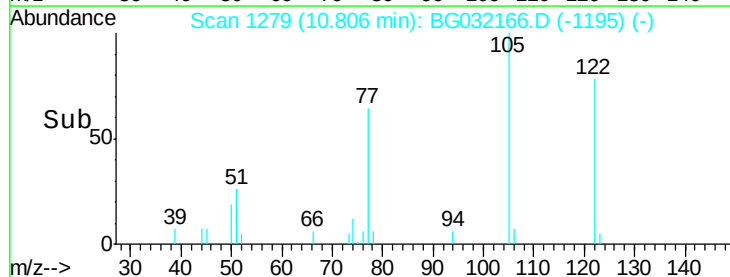
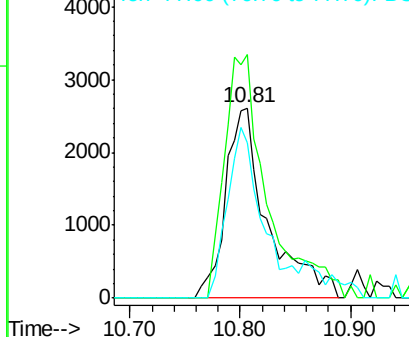


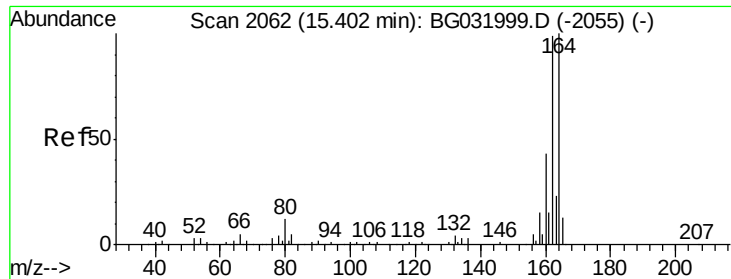
#32
 Benzoic acid
 Concen: 8.556 ng
 RT: 10.81 min Scan# 1279
 Delta R.T. -0.04 min
 Lab File: BG032166.D
 Acq: 20 Jan 2018 00:07

Tgt Ion: 122 Resp: 6939
 Ion Ratio Lower Upper
 122 100
 105 128.1 123.5 163.5
 77 81.6 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG032166.D

Acq: 20 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

15180

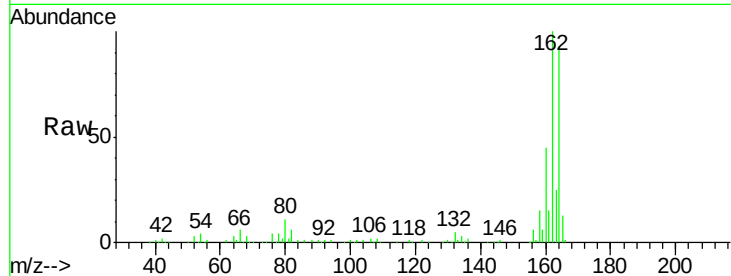
Tot Ion:164 Resp: 110225

Ion Ratio Lower Upper

164 100

162 107.4 78.8 118.2

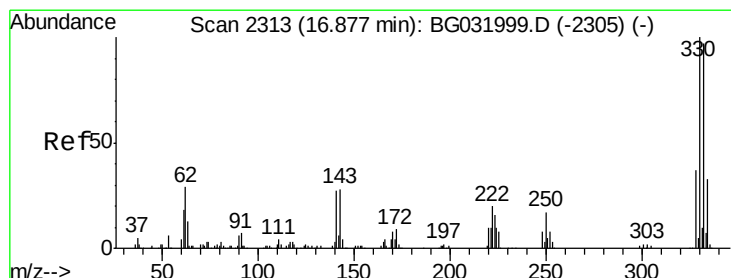
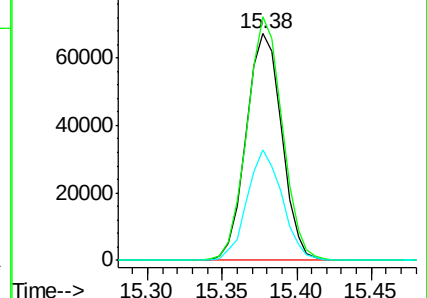
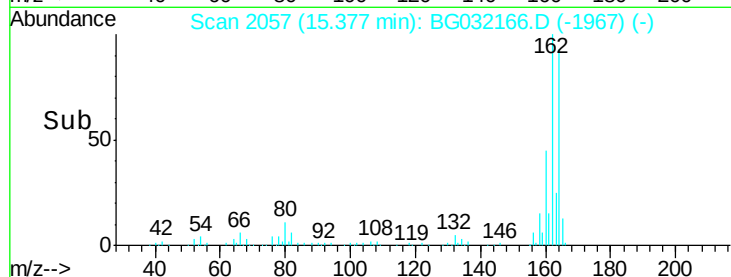
160 48.7 35.4 53.0



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: 156.958 ng

RT: 16.85 min Scan# 2308

Delta R.T. -0.00 min

Lab File: BG032166.D

Acq: 20 Jan 2018 00:07

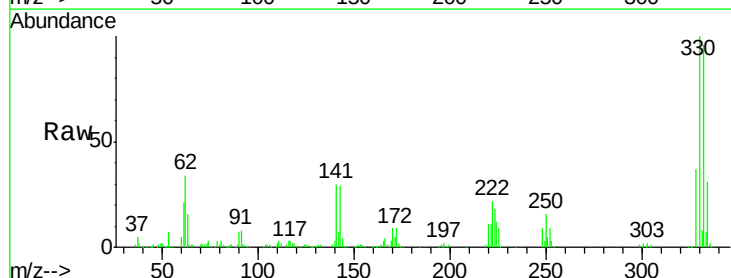
Tgt Ion:330 Resp: 286287

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

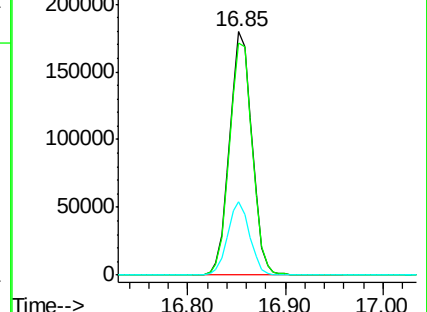
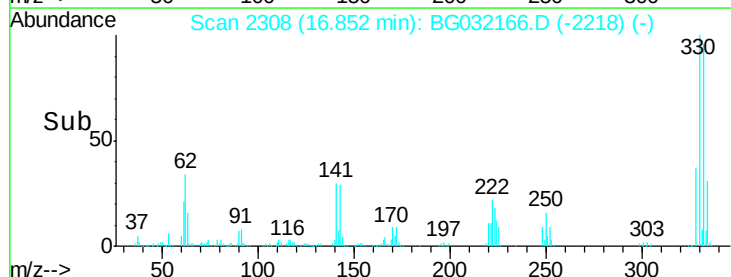
141 29.8 25.2 37.8

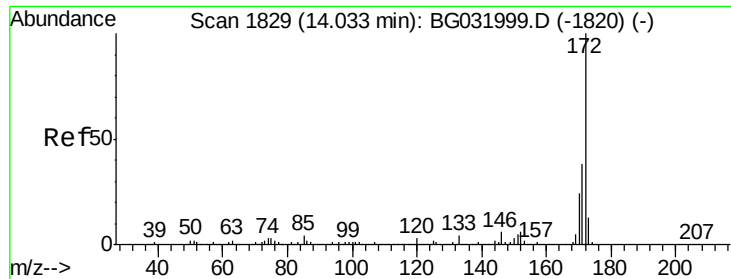


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

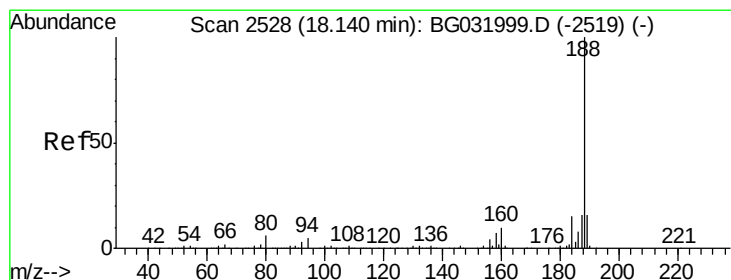
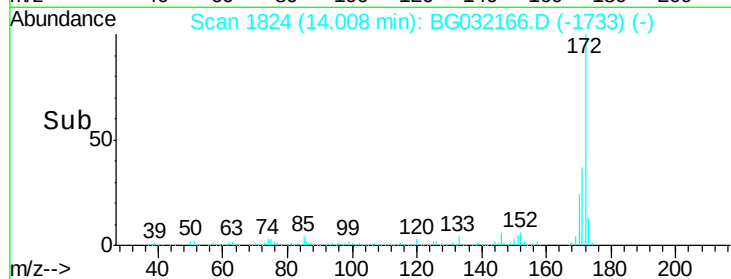
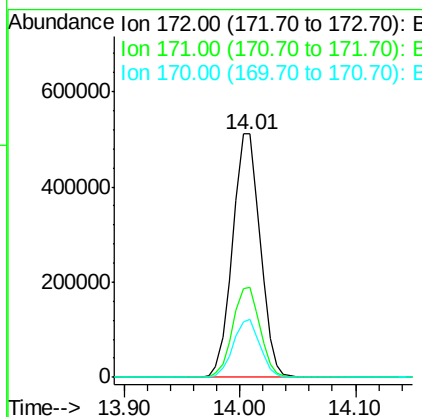
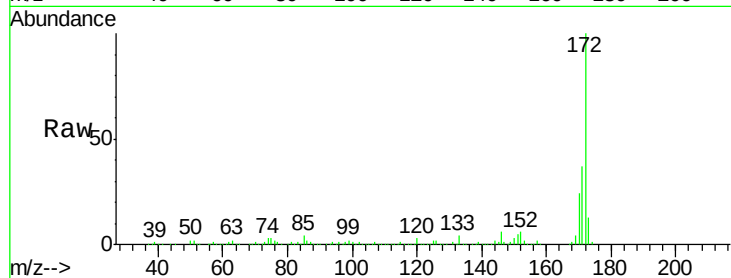




#44
2-Fluorobiphenyl
Concen: 95.289 ng
RT: 14.01 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BG032166.D
Acq: 20 Jan 2018 00:07

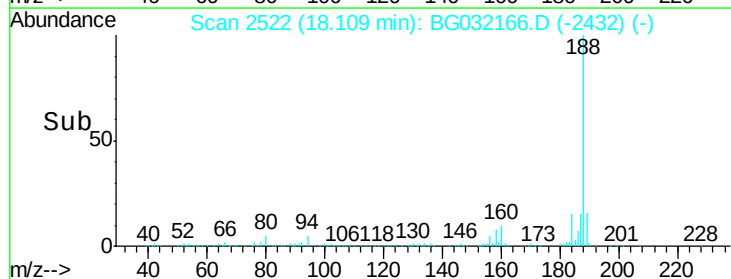
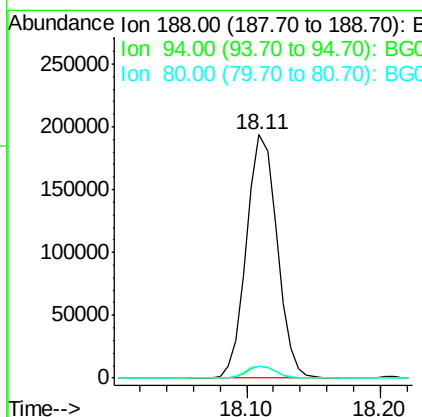
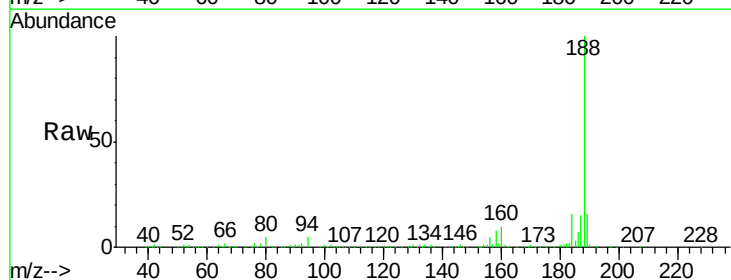
Instrument :
BNA_G
ClientSampleId :
15180

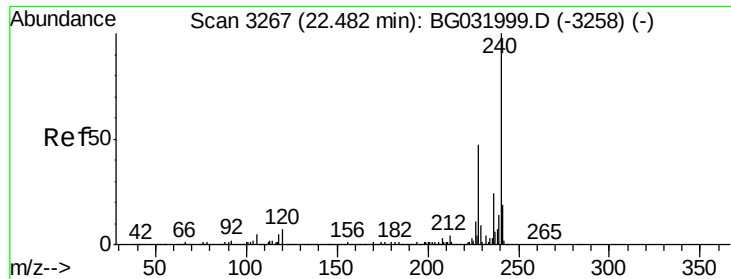
Tot Ion:172 Resp: 847067
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 23.7 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2522
Delta R.T. -0.00 min
Lab File: BG032166.D
Acq: 20 Jan 2018 00:07

Tgt Ion:188 Resp: 306144
Ion Ratio Lower Upper
188 100
94 4.9 6.9 10.3#
80 5.0 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.45 min Scan# 3260

Delta R.T. -0.00 min

Lab File: BG032166.D

Acq: 20 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

15180

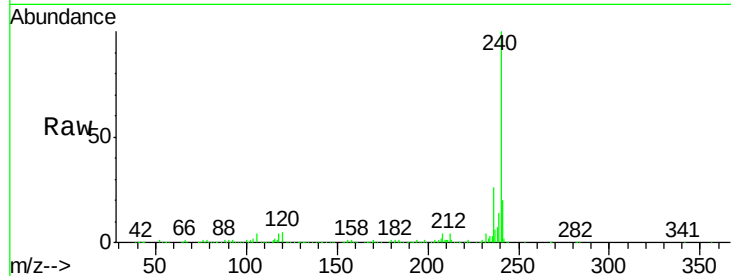
Tot Ion:240 Resp: 458776

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

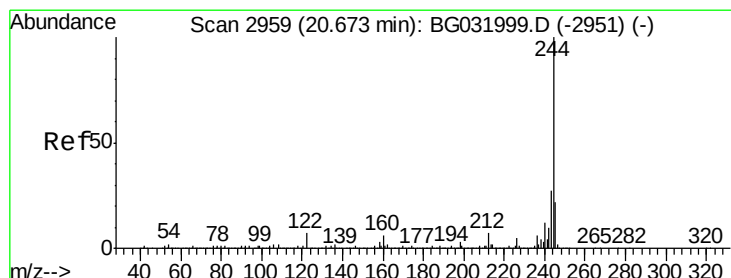
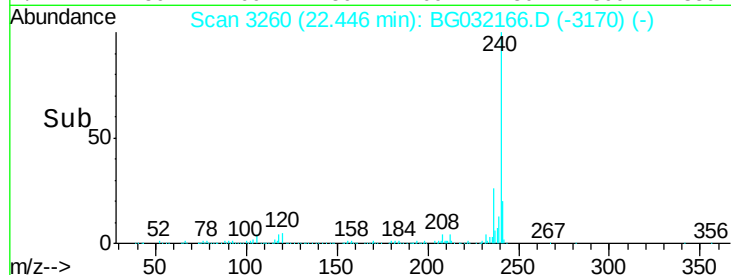
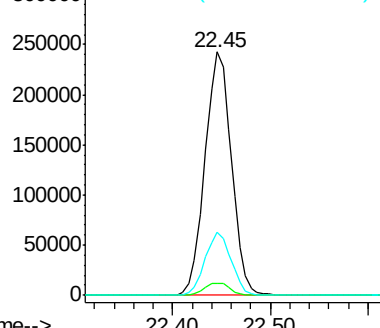
236 25.8 20.9 31.3



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: 91.340 ng

RT: 20.65 min Scan# 2954

Delta R.T. -0.00 min

Lab File: BG032166.D

Acq: 20 Jan 2018 00:07

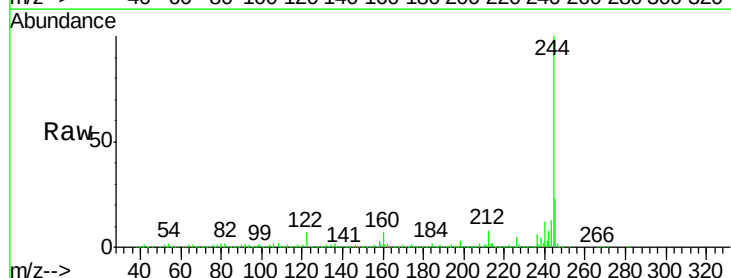
Tgt Ion:244 Resp: 1897808

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

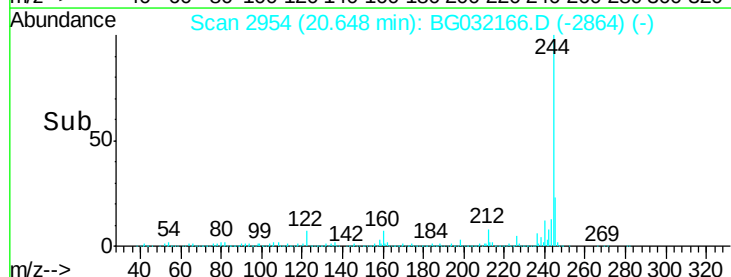
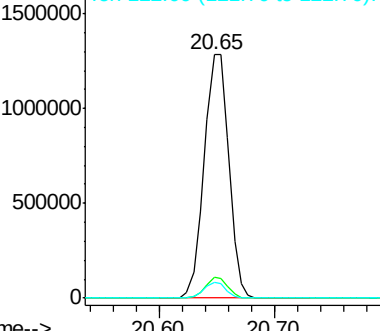
122 6.6 7.0 10.4#

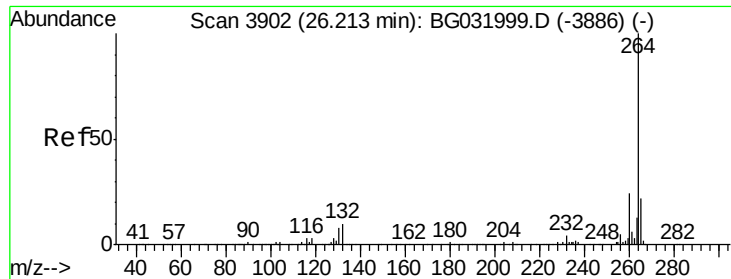


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.15 min Scan# 3890
 Delta R.T. -0.00 min
 Lab File: BG032166.D
 Acq: 20 Jan 2018 00:07

Instrument :
 BNA_G
 ClientSampleId :
 15180

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	17.4	26.0
265	22.6	17.7	26.5

