

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031779.D
 Acq On : 27 Dec 2017 2:46
 Operator : SJ/JU
 Sample : I6686-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-122217

Quant Time: Dec 27 06:09:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

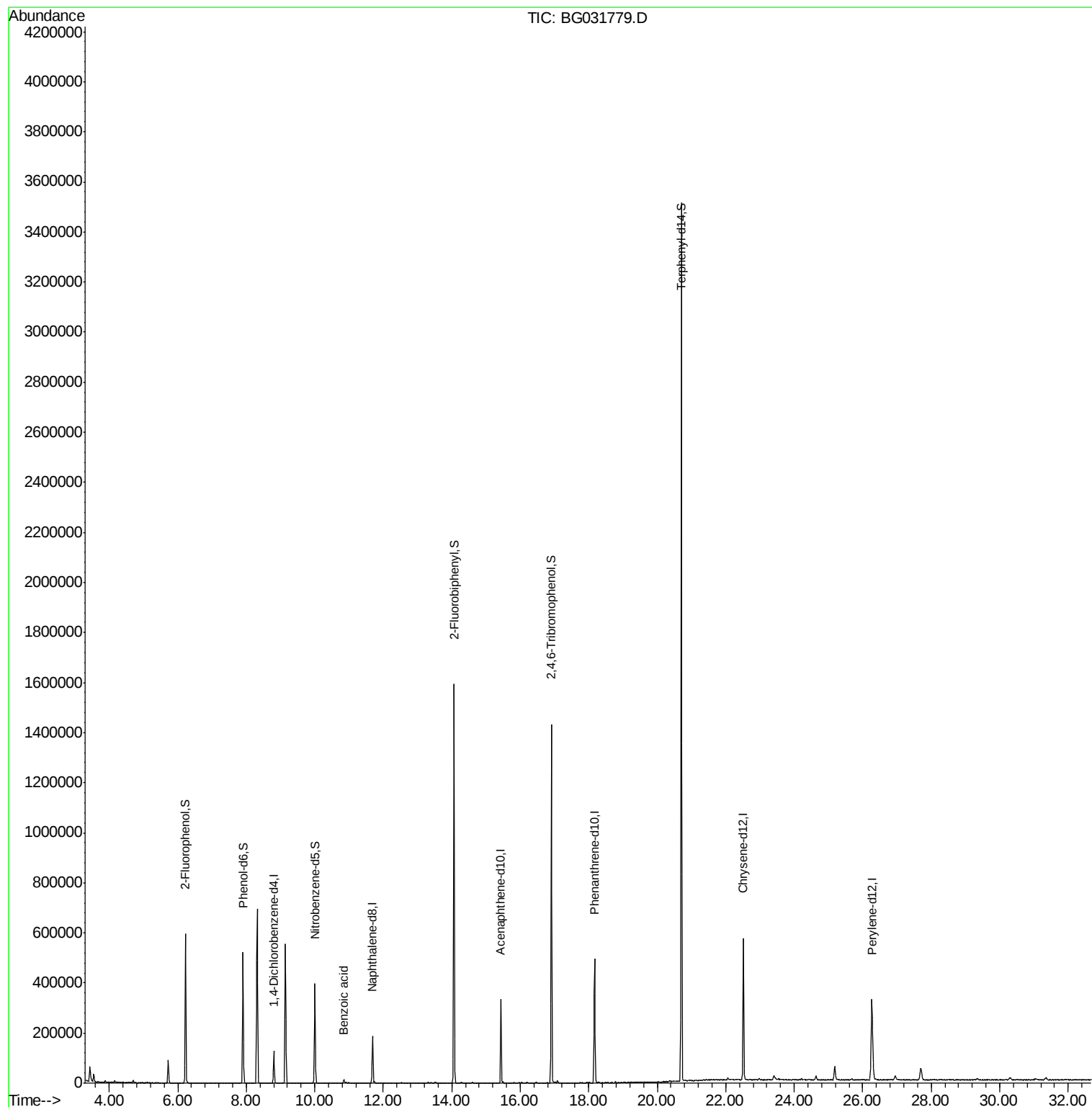
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	45491	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	184373	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	133157	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	353632	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	431155	20.00	ng	-0.06
86) Perylene-d12	26.27	264	457824	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	322083	128.96	ng	-0.02
7) Phenol-d6	7.91	99	371412	114.54	ng	-0.02
23) Nitrobenzene-d5	10.00	82	260145	106.55	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	343719	169.17	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	970745	91.50	ng	-0.03
78) Terphenyl-d14	20.70	244	1963010	104.02	ng	-0.03
Target Compounds						
32) Benzoic acid	10.86	122	7885	10.278	ng	Qvalue # 70

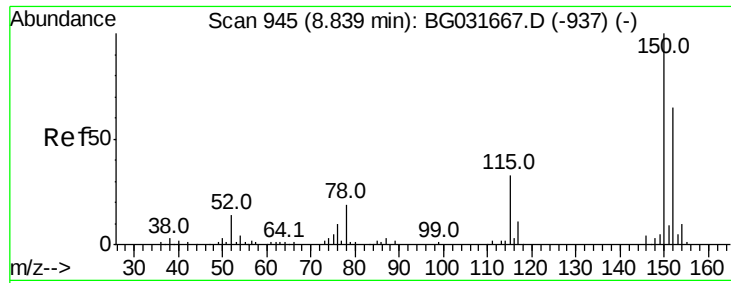
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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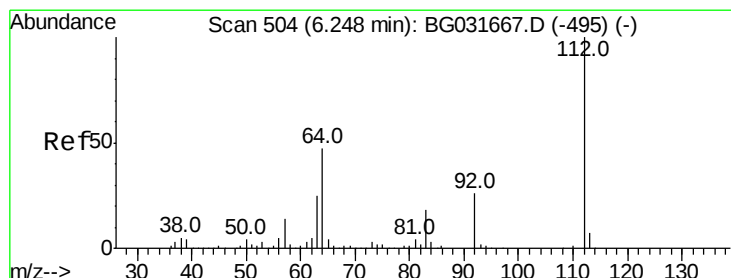
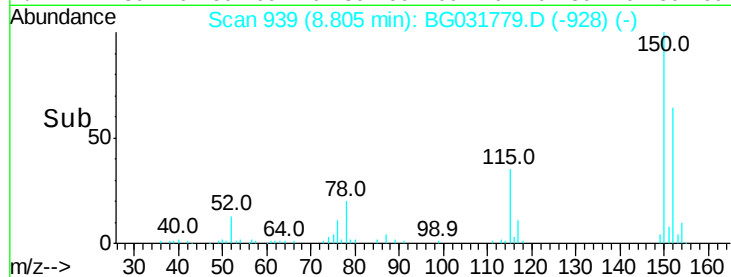
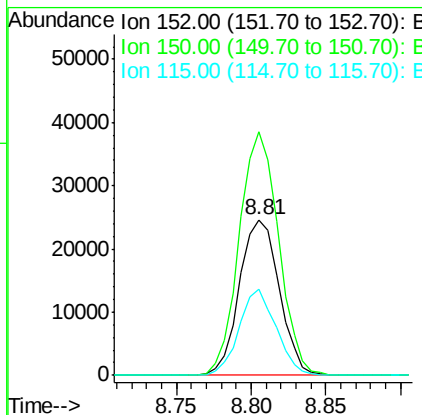
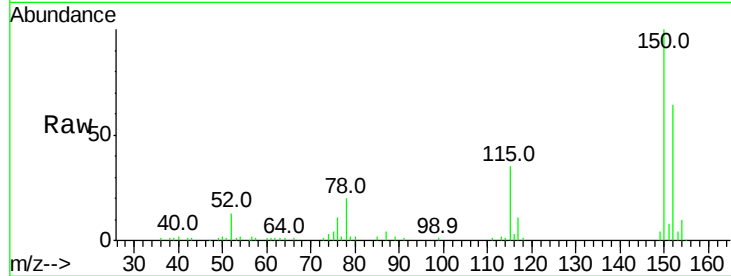


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.81 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BG031779.D
 Acq: 27 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-122217

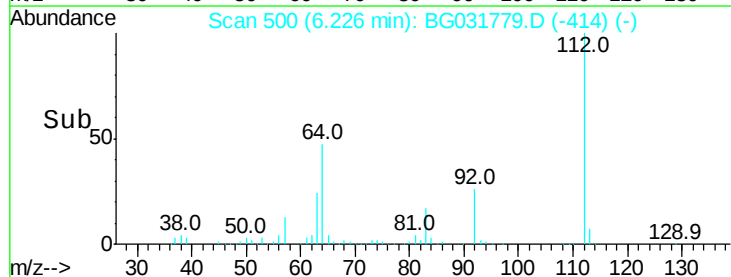
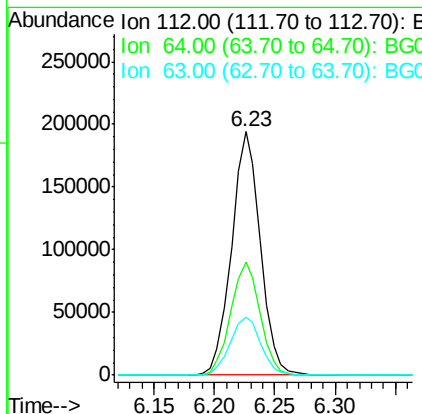
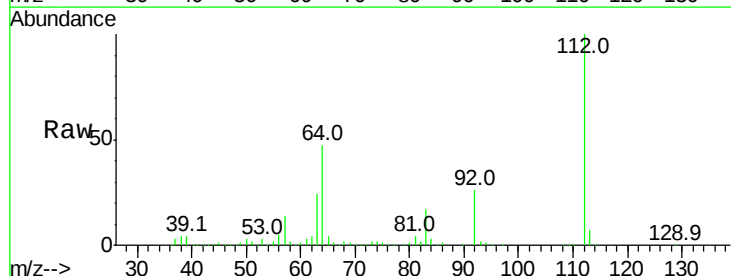
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.6	189.8
115	55.3	53.0	79.4

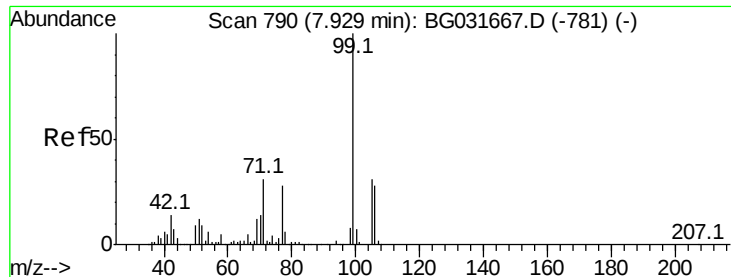


#5

2-Fluorophenol
 Concen: 128.957 ng
 RT: 6.23 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BG031779.D
 Acq: 27 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.6	56.3	84.5#
63	23.9	30.1	45.1#





#7

Phenol-d6

Concen: 114.537 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031779.D

Acq: 27 Dec 2017 2:46

Instrument :

BNA_G

ClientSampled :

TR-04-122217

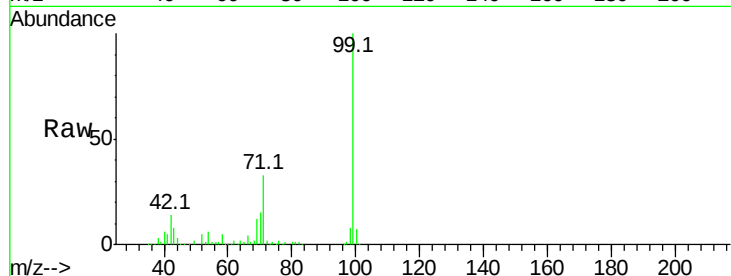
Tot Ion: 99 Resp: 371412

Ion Ratio Lower Upper

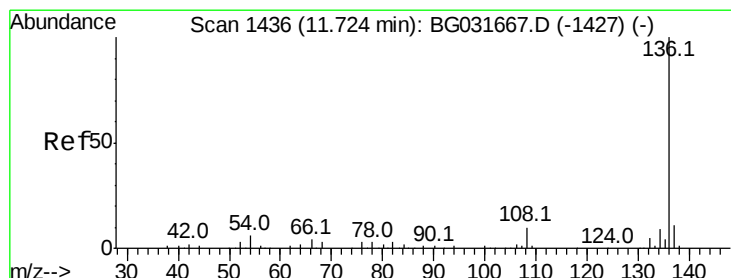
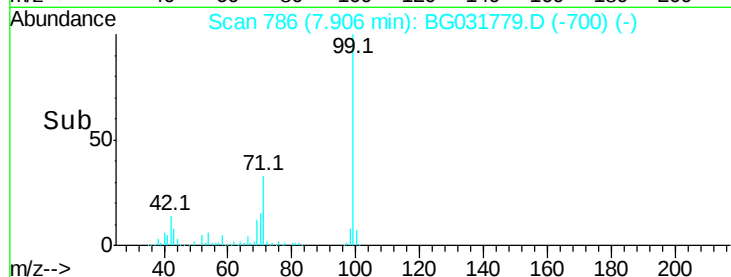
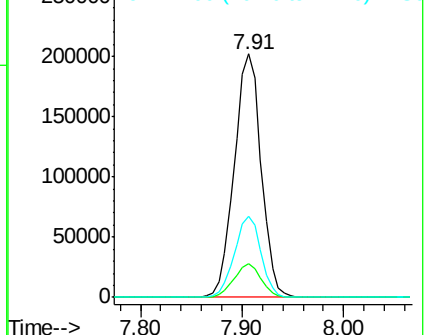
99 100

42 14.1 14.1 21.1

71 33.2 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: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031779.D

Acq: 27 Dec 2017 2:46

Tgt Ion: 136 Resp: 184373

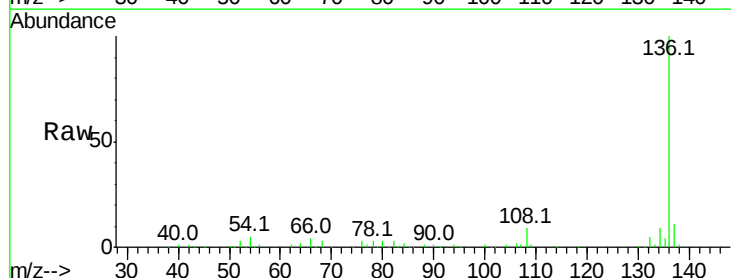
Ion Ratio Lower Upper

136 100

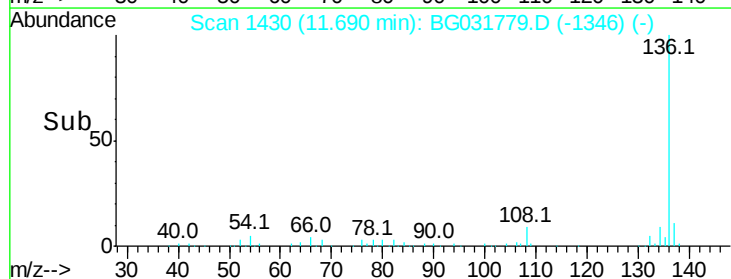
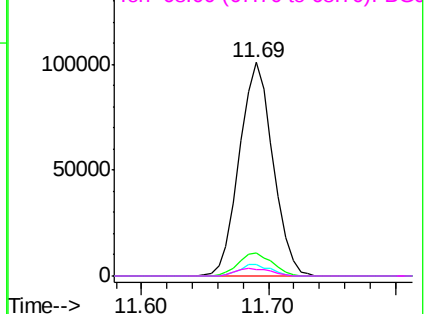
137 11.0 9.2 13.8

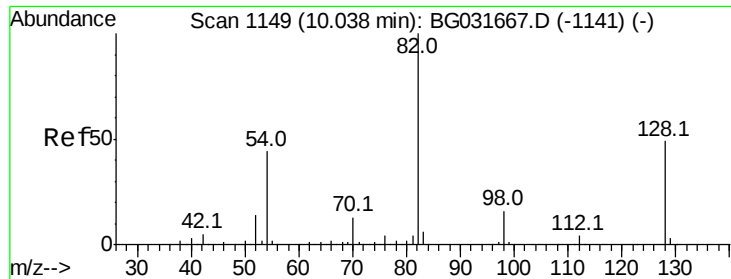
54 5.2 10.3 15.5#

68 3.3 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

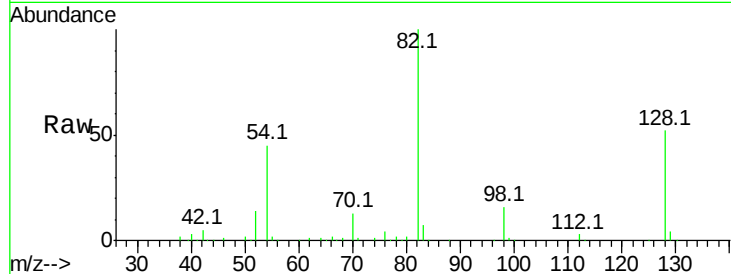




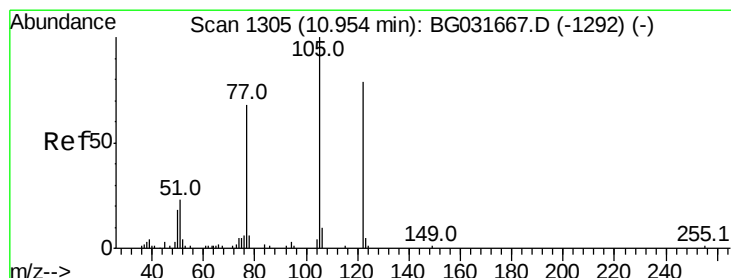
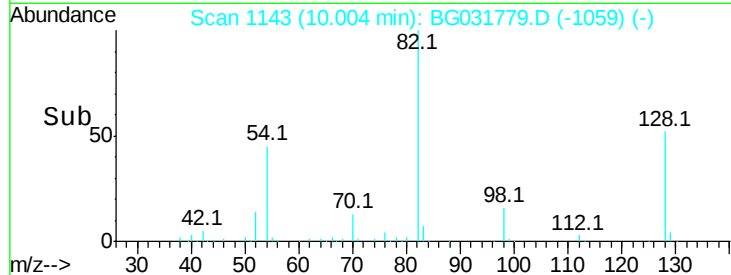
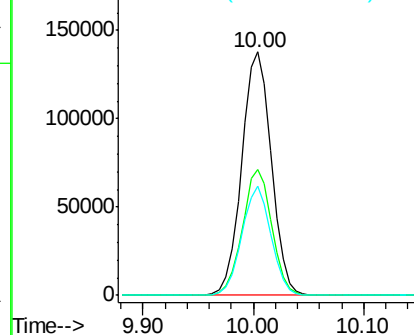
#23
 Nitrobenzene-d5
 Concen: 106.545 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BG031779.D
 Acq: 27 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-122217

Tot Ion: 82 Resp: 260145
 Ion Ratio Lower Upper
 82 100
 128 51.8 29.7 44.5#
 54 44.9 43.1 64.7

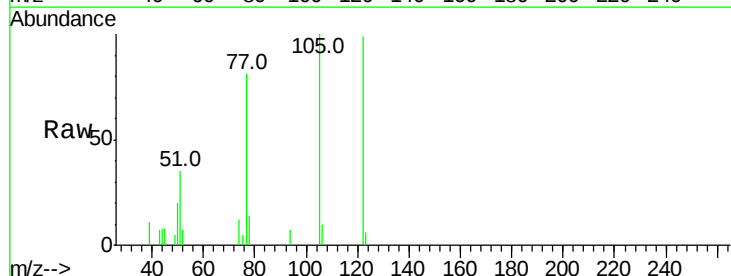


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

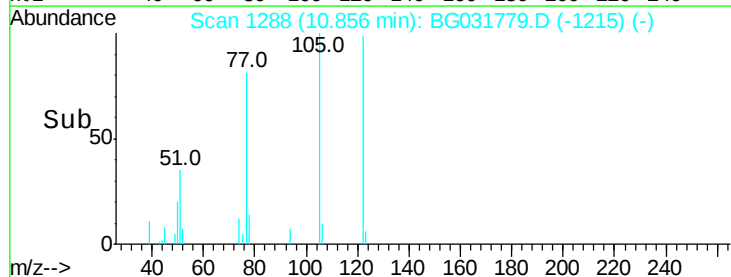
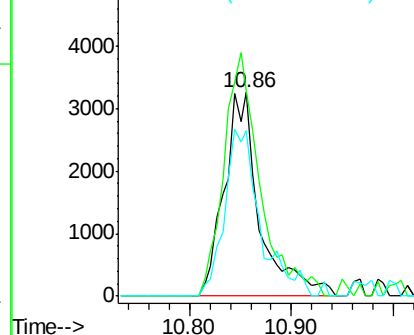


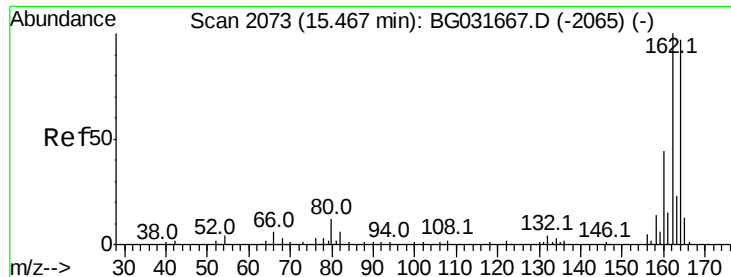
#32
 Benzoic acid
 Concen: 10.278 ng
 RT: 10.86 min Scan# 1288
 Delta R.T. -0.10 min
 Lab File: BG031779.D
 Acq: 27 Dec 2017 2:46

Tgt Ion:122 Resp: 7885
 Ion Ratio Lower Upper
 122 100
 105 100.7 123.5 163.5#
 77 81.2 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: 15.43 min Scan# 2067

Delta R.T. -0.03 min

Lab File: BG031779.D

Acq: 27 Dec 2017 2:46

Instrument :

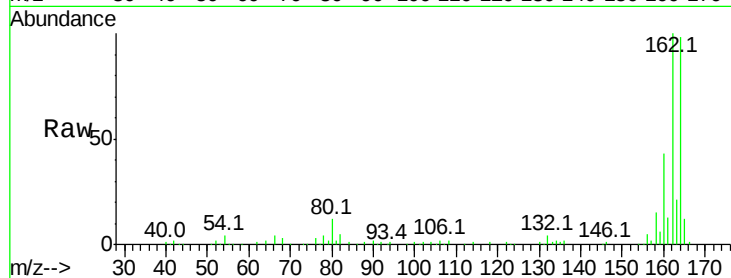
BNA_G

ClientSampleId :

TR-04-122217

Tot Ion:164 Resp: 133157

Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	43.9	35.4	53.0

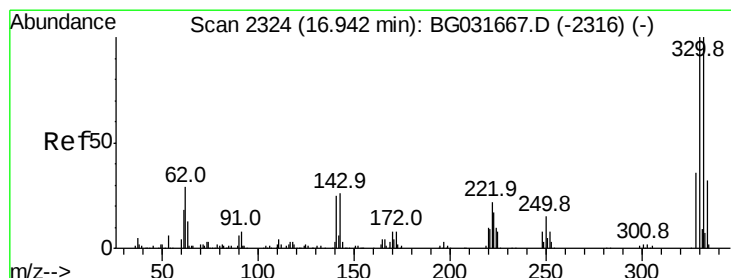
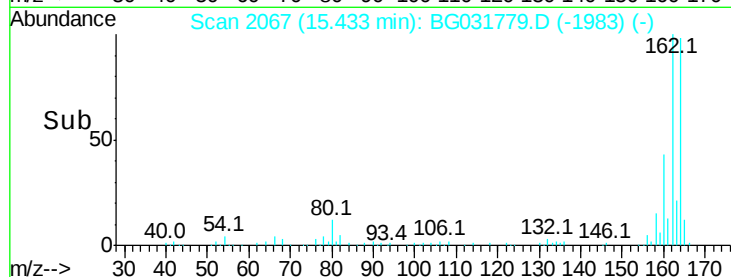
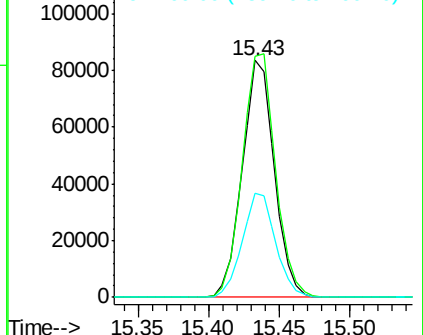


Abundance

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: 169.170 ng

RT: 16.91 min Scan# 2318

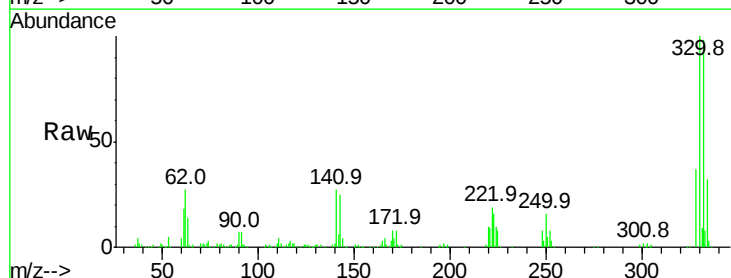
Delta R.T. -0.03 min

Lab File: BG031779.D

Acq: 27 Dec 2017 2:46

Tgt Ion:330 Resp: 343719

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	25.3	25.2	37.8

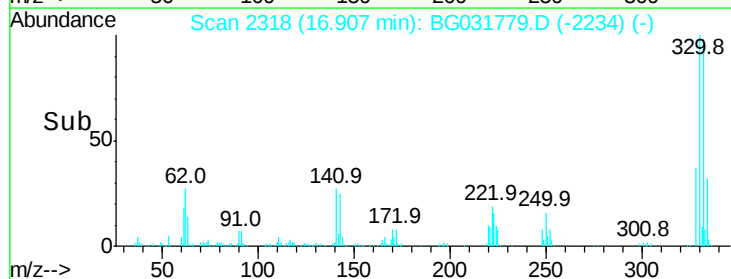
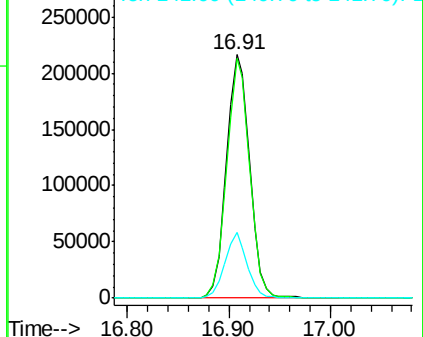


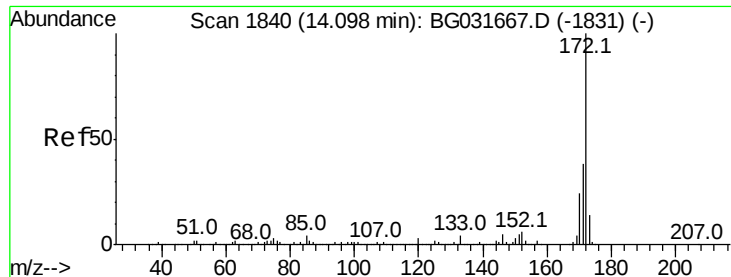
Abundance

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

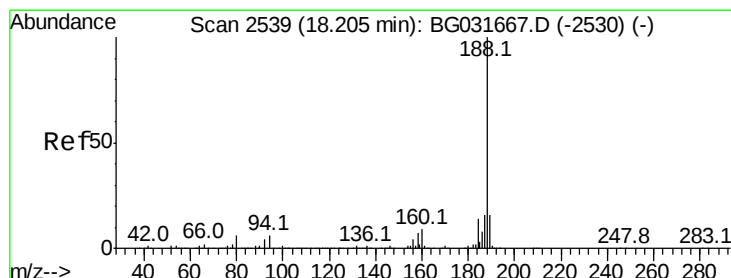
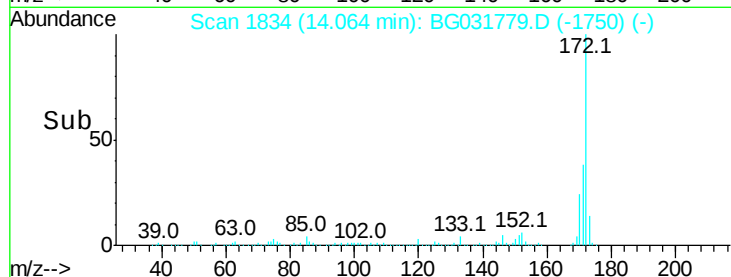
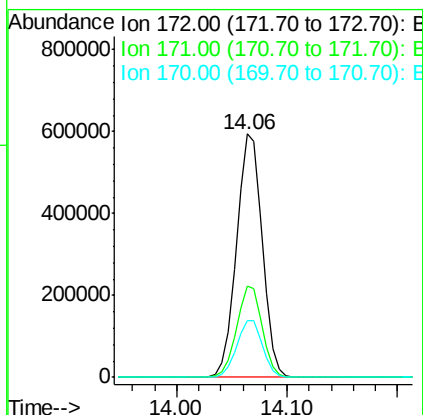
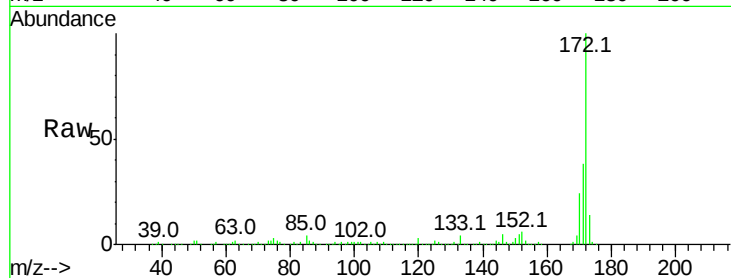




#44
2-Fluorobiphenyl
Concen: 91.502 ng
RT: 14.06 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG031779.D
Acq: 27 Dec 2017 2:46

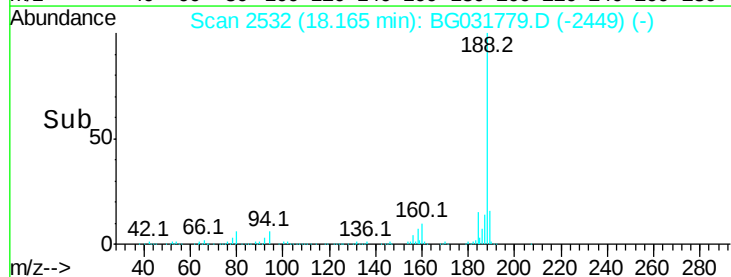
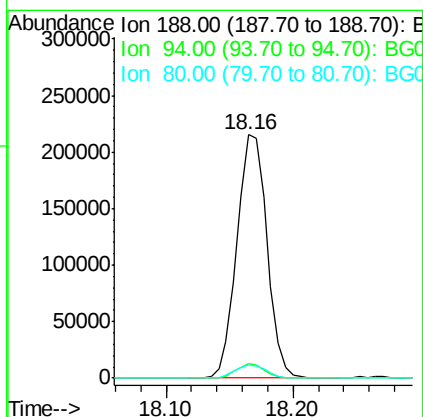
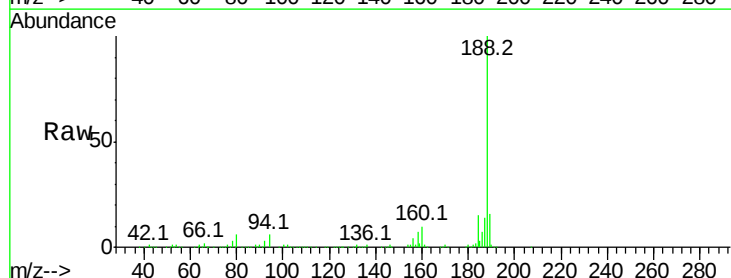
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TR-04-122217

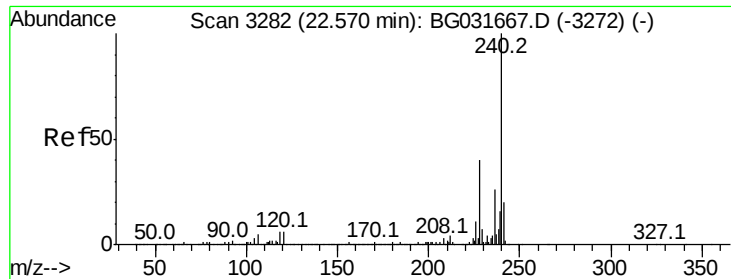
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.5	19.5	29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031779.D
Acq: 27 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	5.7	7.7	11.5#

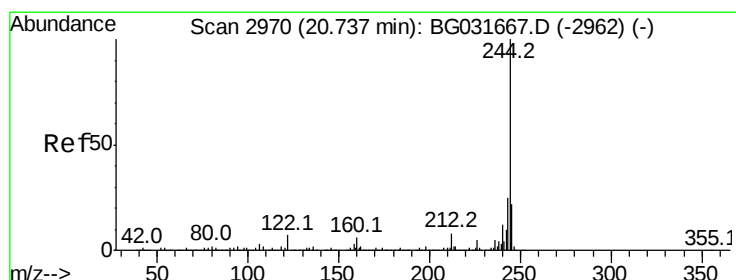
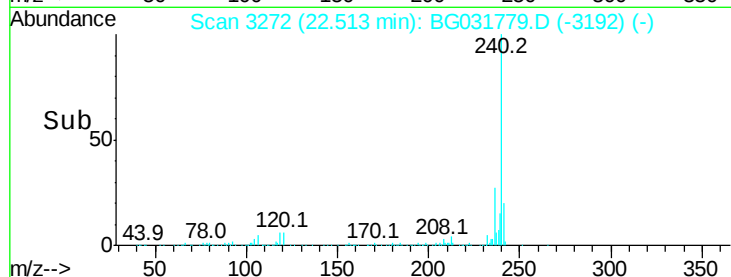
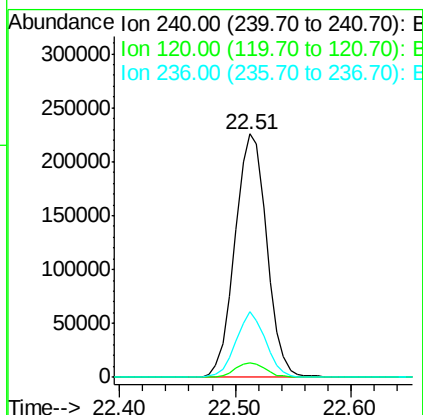
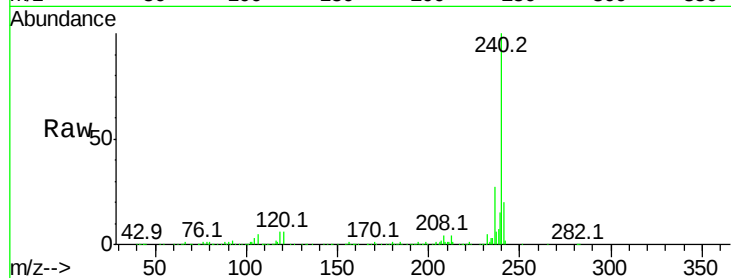




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.51 min Scan# 3272
 Delta R.T. -0.06 min
 Lab File: BG031779.D
 Acq: 27 Dec 2017 2:46

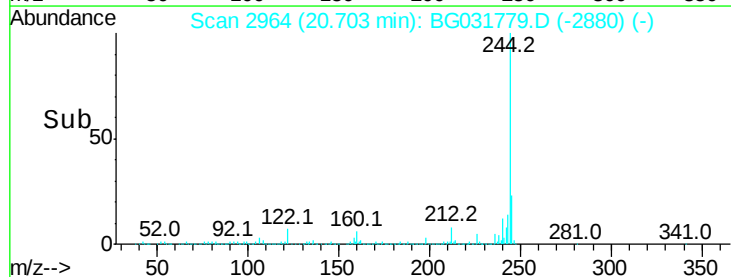
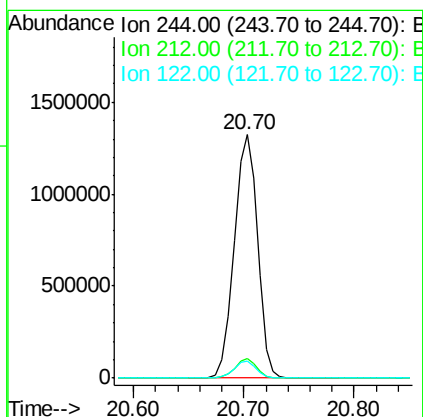
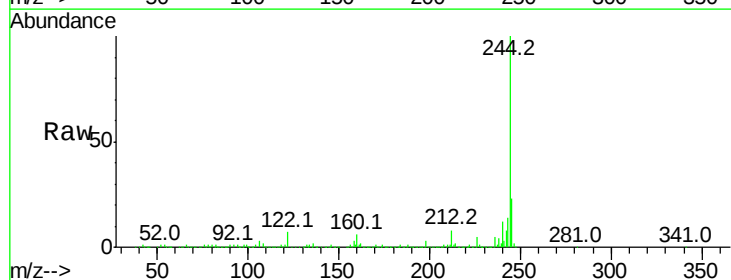
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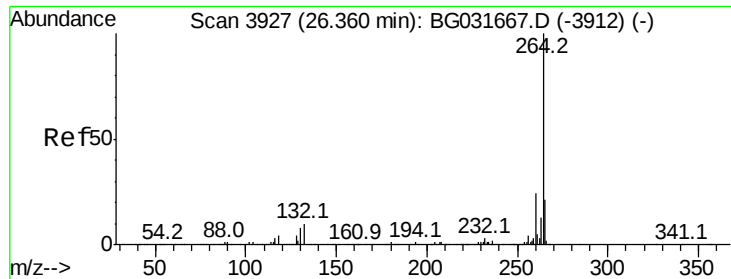
Tot Ion:240 Resp: 431155
 Ion Ratio Lower Upper
 240 100
 120 5.8 6.8 10.2#
 236 27.2 20.9 31.3



#78
 Terphenyl-d14
 Concen: 104.018 ng
 RT: 20.70 min Scan# 2964
 Delta R.T. -0.03 min
 Lab File: BG031779.D
 Acq: 27 Dec 2017 2:46

Tgt Ion:244 Resp: 1963010
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 7.3 7.0 10.4

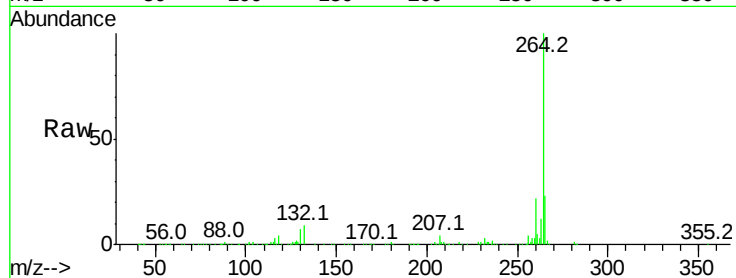




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.27 min Scan# 3911
 Delta R.T. -0.09 min
 Lab File: BG031779.D
 Acq: 27 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-122217

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	22.7	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

