

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
 Data File : BG031749.D
 Acq On : 23 Dec 2017 15:11
 Operator : SJ/JU
 Sample : I7022-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 352

Quant Time: Dec 26 00:28:11 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	8.82	152	43887	20.00	ng	-0.02
21) Naphthalene-d8	11.71	136	177381	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	121683	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	307918	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	359605	20.00	ng	-0.02
86) Perylene-d12	26.33	264	379373	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	322442	133.82	ng	0.00
7) Phenol-d6	7.92	99	344967	110.27	ng	0.00
23) Nitrobenzene-d5	10.02	82	257957	109.81	ng	-0.02
41) 2,4,6-Tribromophenol	16.93	330	294508	158.62	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	943783	97.35	ng	-0.01
78) Terphenyl-d14	20.73	244	1678579	106.64	ng	-0.01

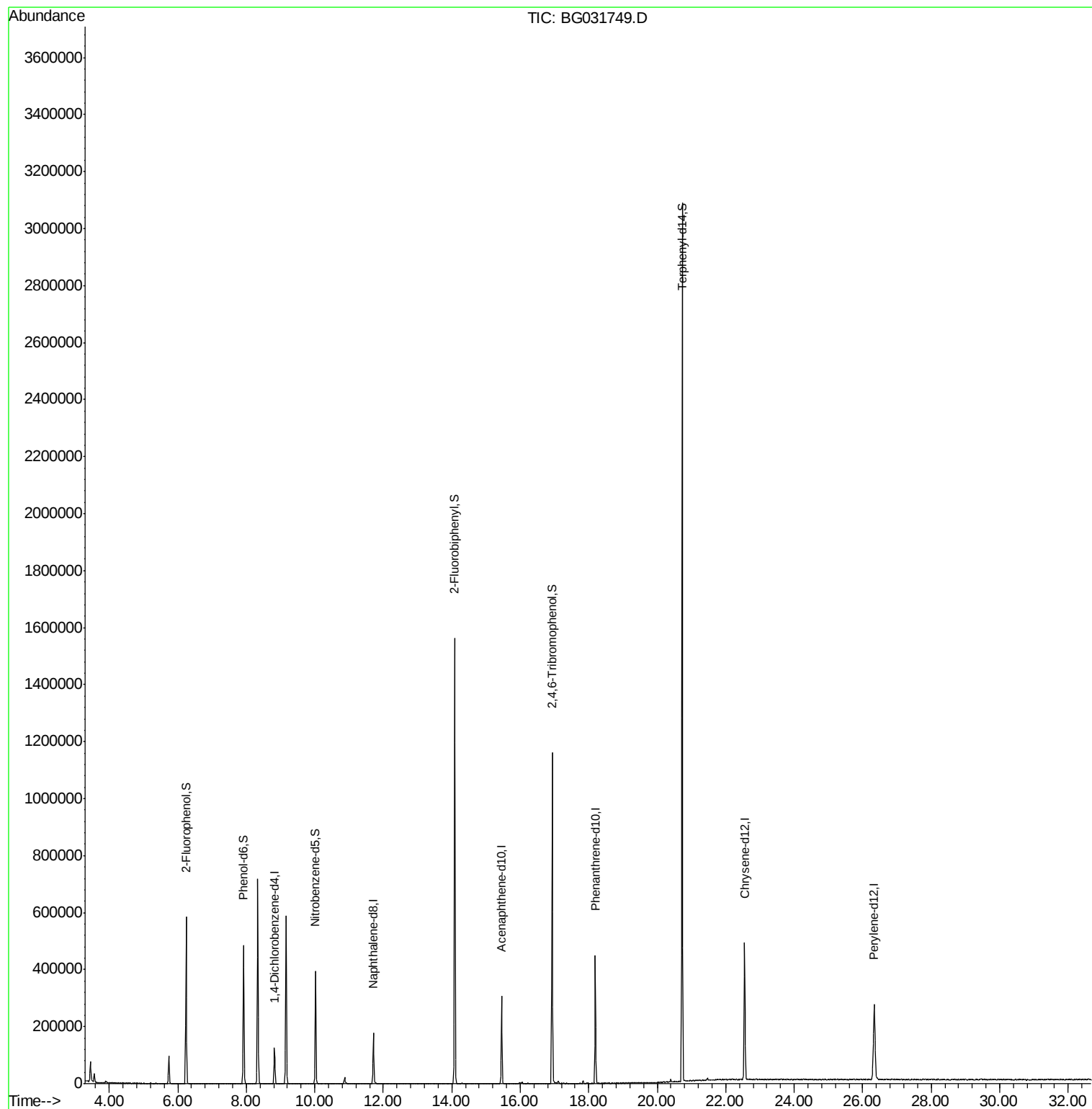
Target Compounds	Qvalue
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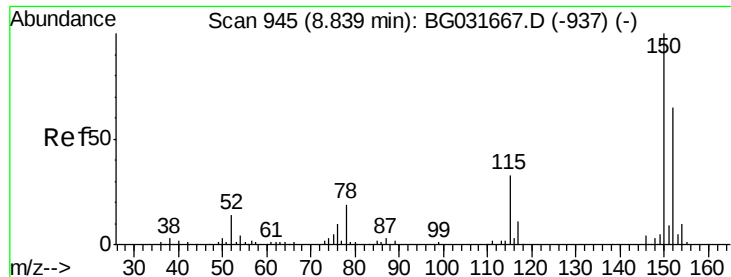
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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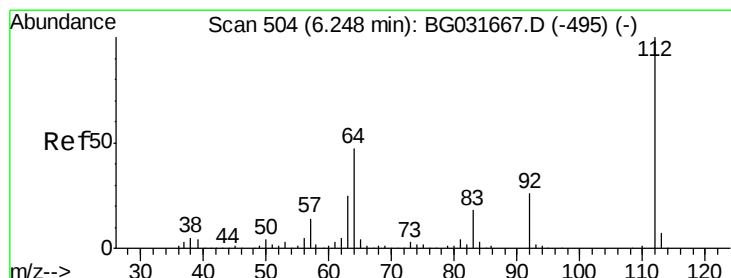
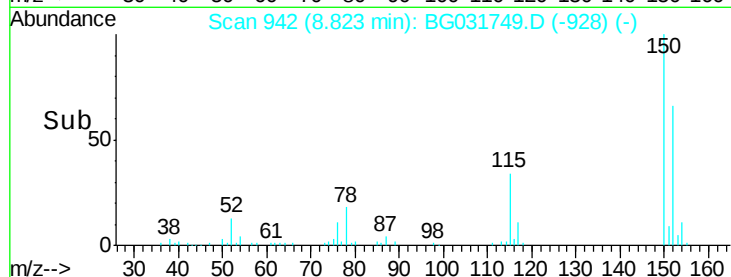
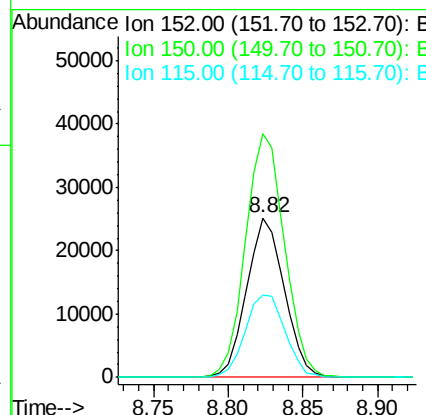
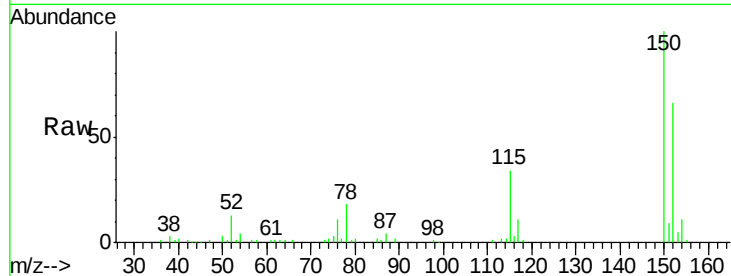


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031749.D
Acq: 23 Dec 2017 15:11

Instrument :
BNA_G
ClientSampleId :
352

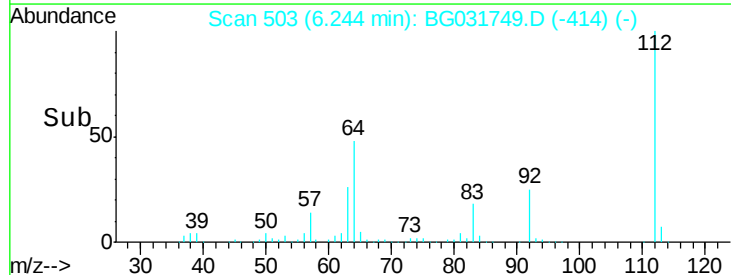
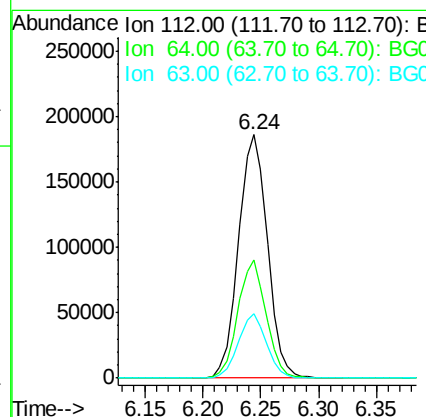
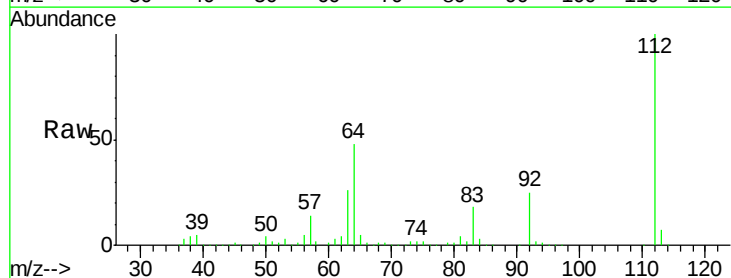
Tgt Ion:152 Resp: 43887
Ion Ratio Lower Upper
152 100
150 152.6 126.6 189.8
115 51.3 53.0 79.4#

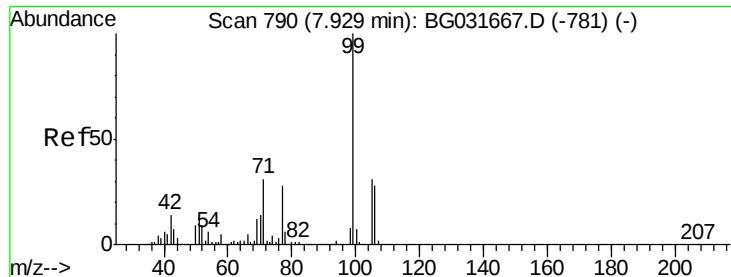


#5

2-Fluorophenol
Concen: 133.819 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031749.D
Acq: 23 Dec 2017 15:11

Tgt Ion:112 Resp: 322442
Ion Ratio Lower Upper
112 100
64 48.3 56.3 84.5#
63 26.3 30.1 45.1#





#7

Phenol-d6

Concen: 110.270 ng

RT: 7.92 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031749.D

Acq: 23 Dec 2017 15:11

Instrument :

BNA_G

ClientSampleId :

352

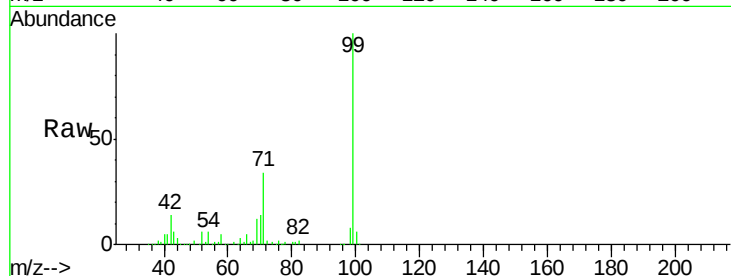
Tgt Ion: 99 Resp: 344967

Ion Ratio Lower Upper

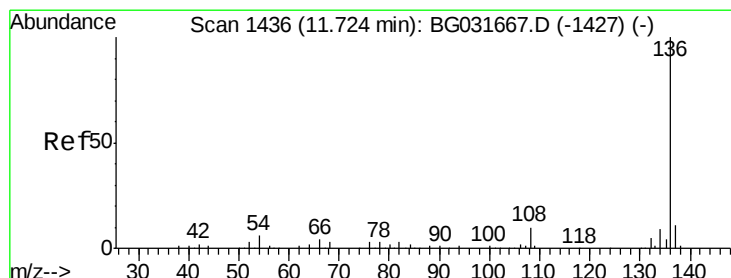
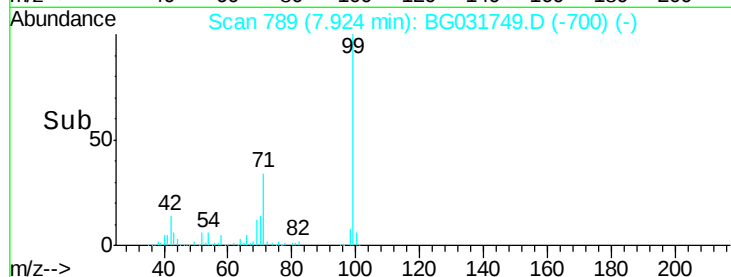
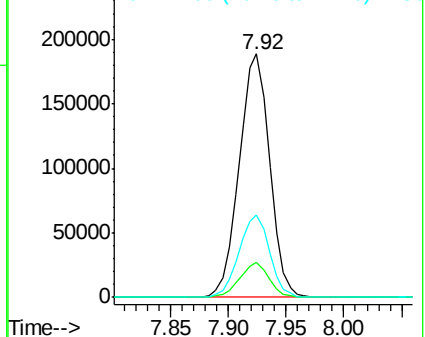
99 100

42 14.4 14.1 21.1

71 33.6 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: 11.71 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BG031749.D

Acq: 23 Dec 2017 15:11

Tgt Ion: 136 Resp: 177381

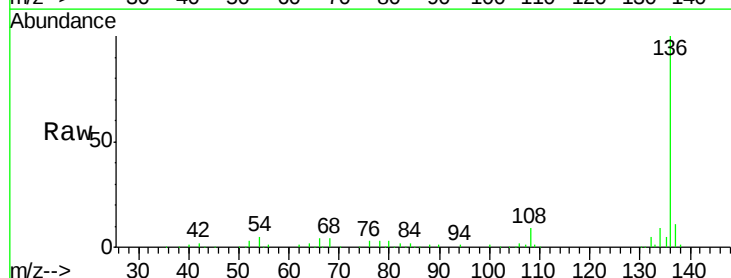
Ion Ratio Lower Upper

136 100

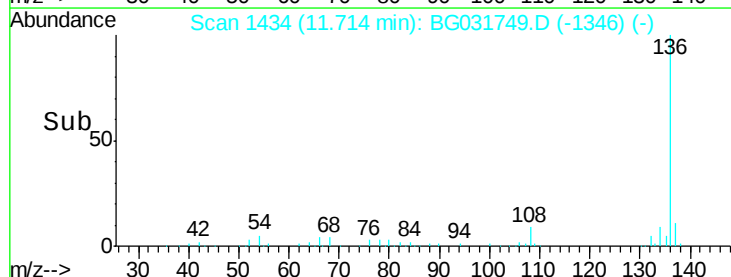
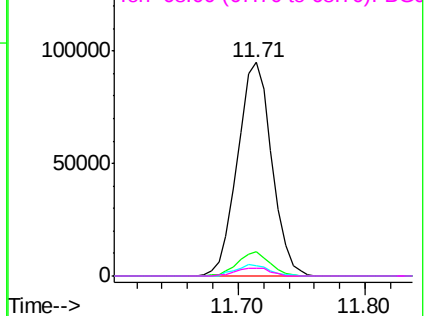
137 11.5 9.2 13.8

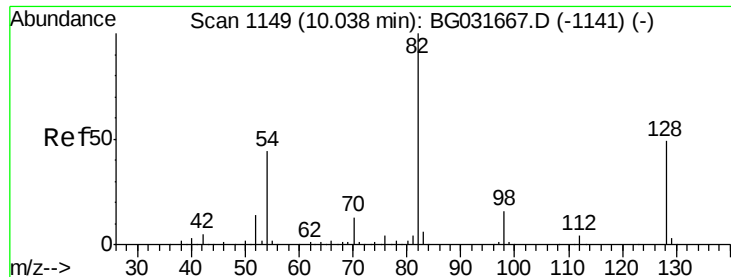
54 4.9 10.3 15.5#

68 3.7 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

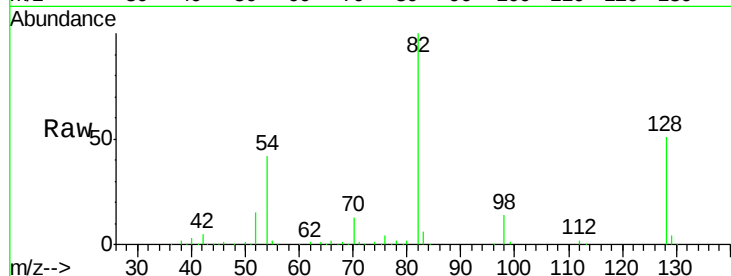




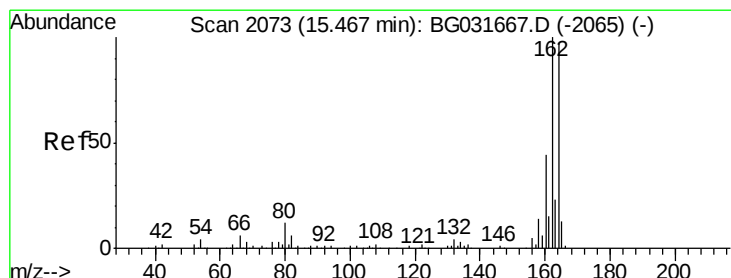
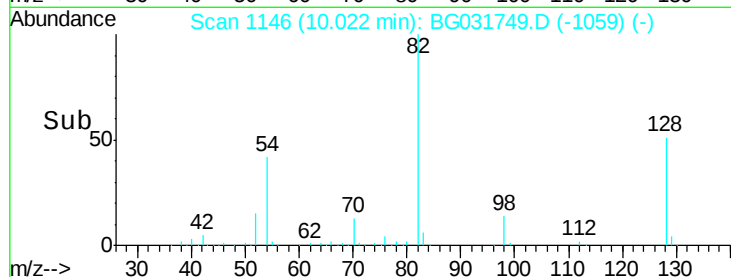
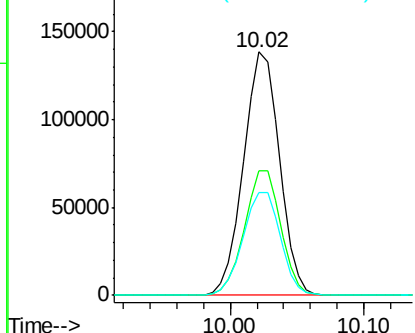
#23
 Nitrobenzene-d5
 Concen: 109.814 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BG031749.D
 Acq: 23 Dec 2017 15:11

Instrument :
 BNA_G
 ClientSampled :
 352

Tgt Ion: 82 Resp: 257957
 Ion Ratio Lower Upper
 82 100
 128 51.2 29.7 44.5#
 54 42.2 43.1 64.7#

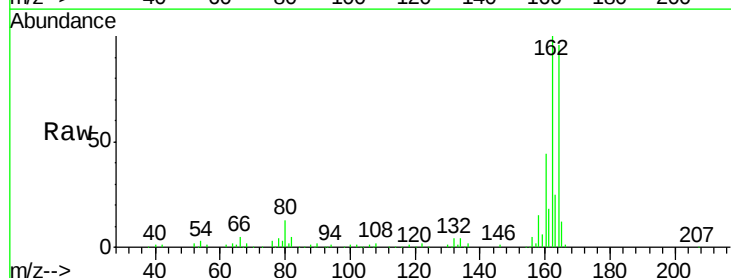


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

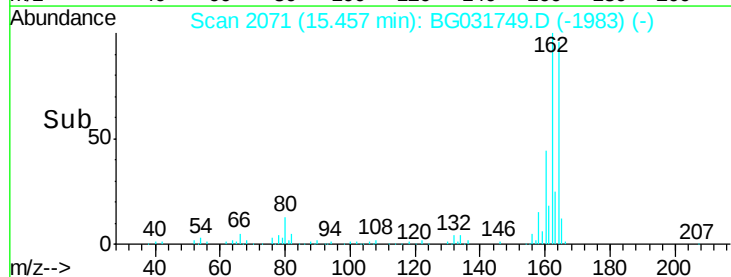
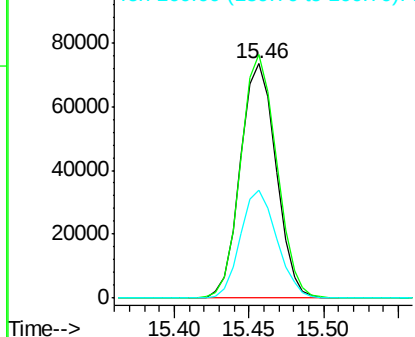


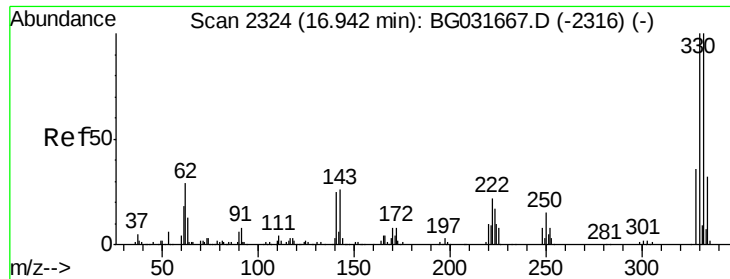
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG031749.D
 Acq: 23 Dec 2017 15:11

Tgt Ion: 164 Resp: 121683
 Ion Ratio Lower Upper
 164 100
 162 104.0 78.8 118.2
 160 45.9 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

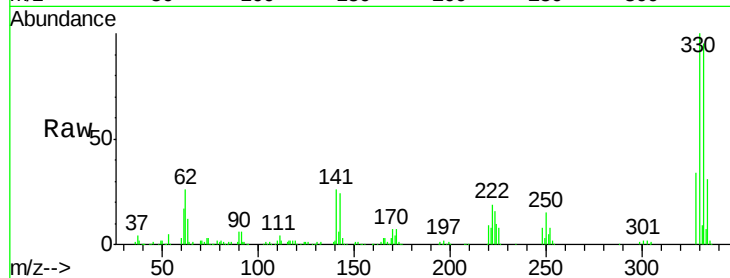




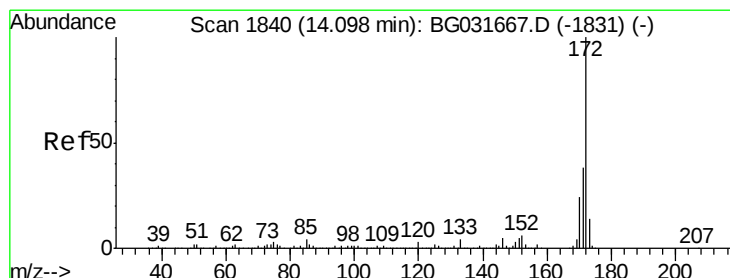
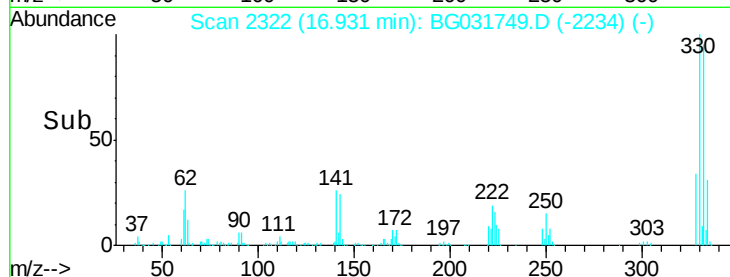
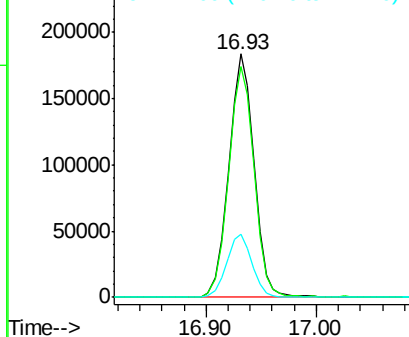
#41
 2,4,6-Tribromophenol
 Concen: 158.618 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031749.D
 Acq: 23 Dec 2017 15:11

Instrument :
 BNA_G
 ClientSampleId :
 352

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	26.0	25.2	37.8

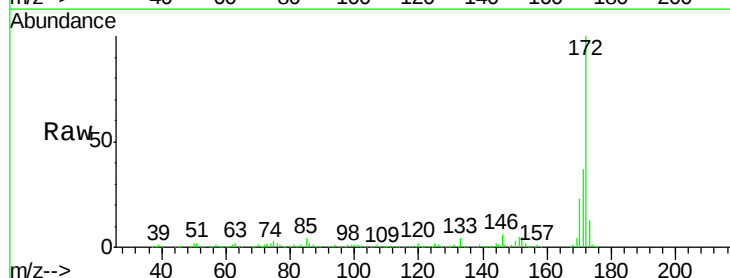


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

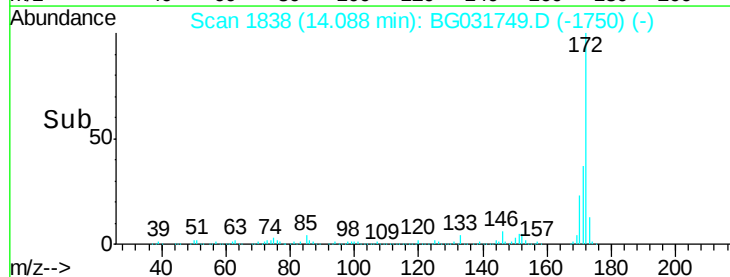
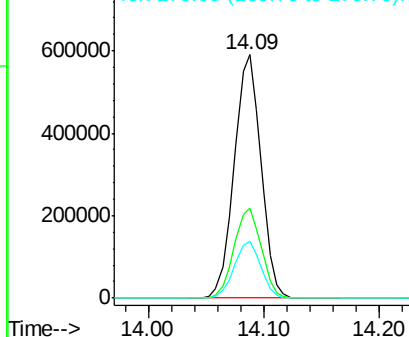


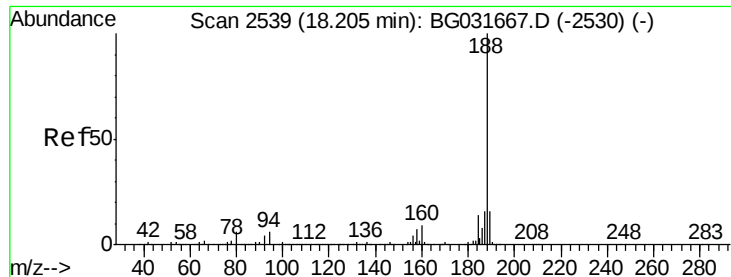
#44
 2-Fluorobiphenyl
 Concen: 97.349 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031749.D
 Acq: 23 Dec 2017 15:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.2	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

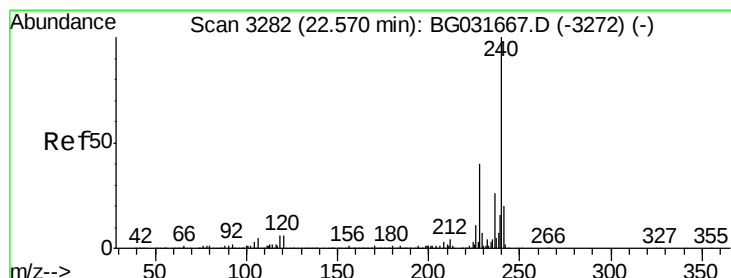
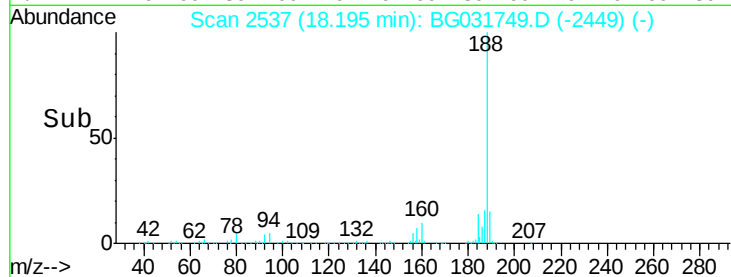
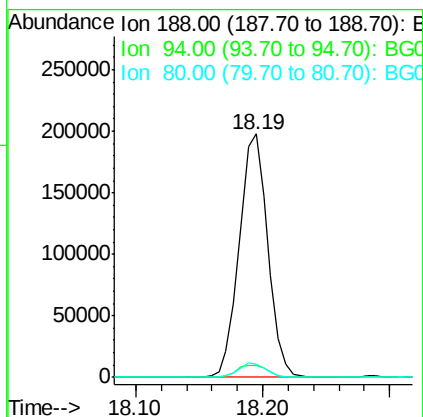
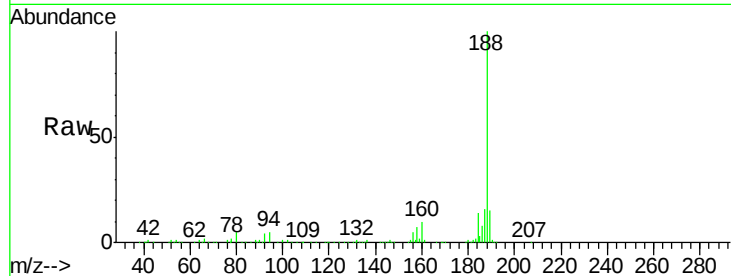




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031749.D
Acq: 23 Dec 2017 15:11

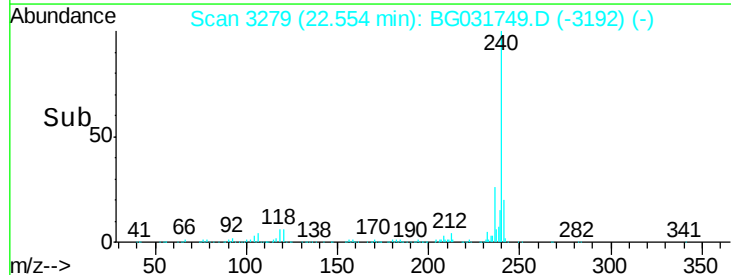
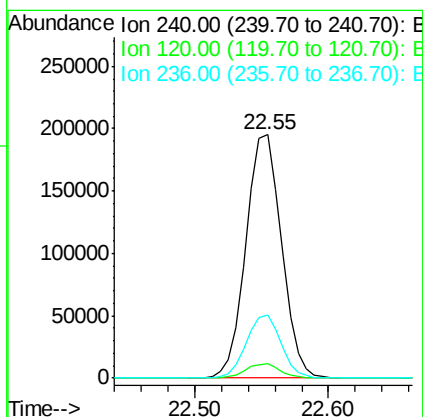
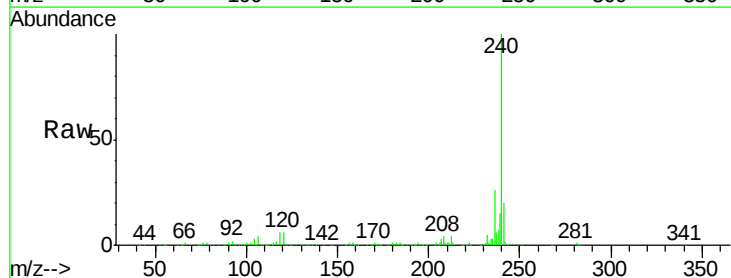
Instrument :
BNA_G
ClientSampled :
352

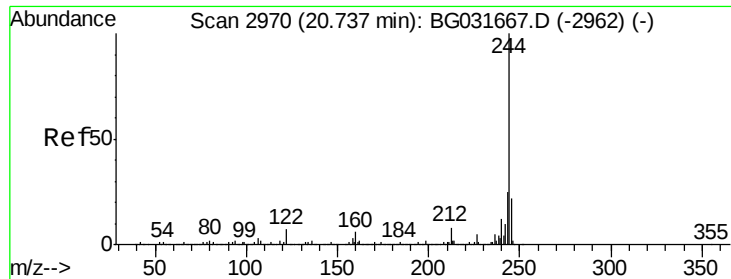
Tgt Ion:188 Resp: 307918
Ion Ratio Lower Upper
188 100
94 4.9 6.9 10.3#
80 5.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031749.D
Acq: 23 Dec 2017 15:11

Tgt Ion:240 Resp: 359605
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 25.9 20.9 31.3

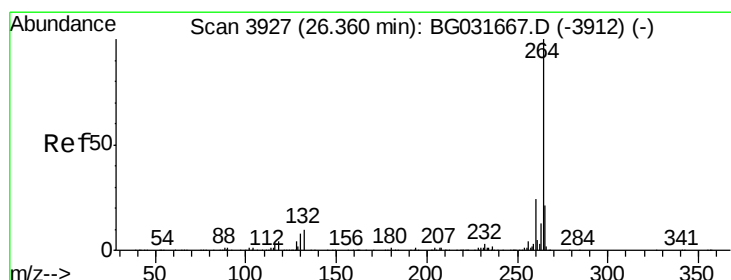
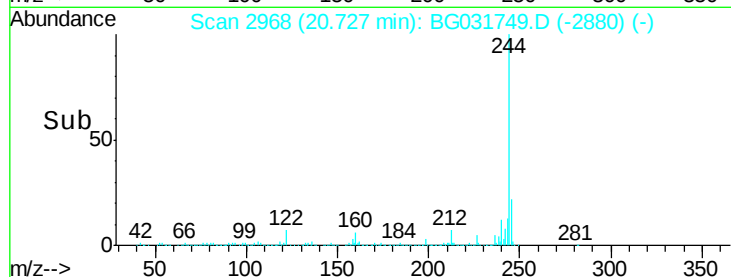
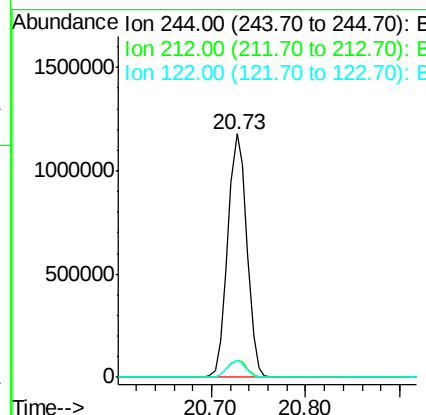
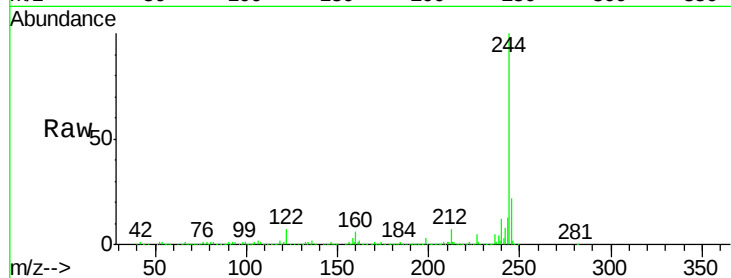




#78
 Terphenyl-d14
 Concen: 106.644 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG031749.D
 Acq: 23 Dec 2017 15:11

Instrument :
 BNA_G
 ClientSampleId :
 352

Tgt Ion:244 Resp: 1678579
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 7.0 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3922
 Delta R.T. -0.03 min
 Lab File: BG031749.D
 Acq: 23 Dec 2017 15:11

Tgt Ion:264 Resp: 379373
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.4 26.0
 265 22.4 17.7 26.5

