

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031800.D
 Acq On : 27 Dec 2017 17:22
 Operator : SJ/JU
 Sample : I7058-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 122117-TIDO-F-D-B

Quant Time: Dec 28 07:39:06 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

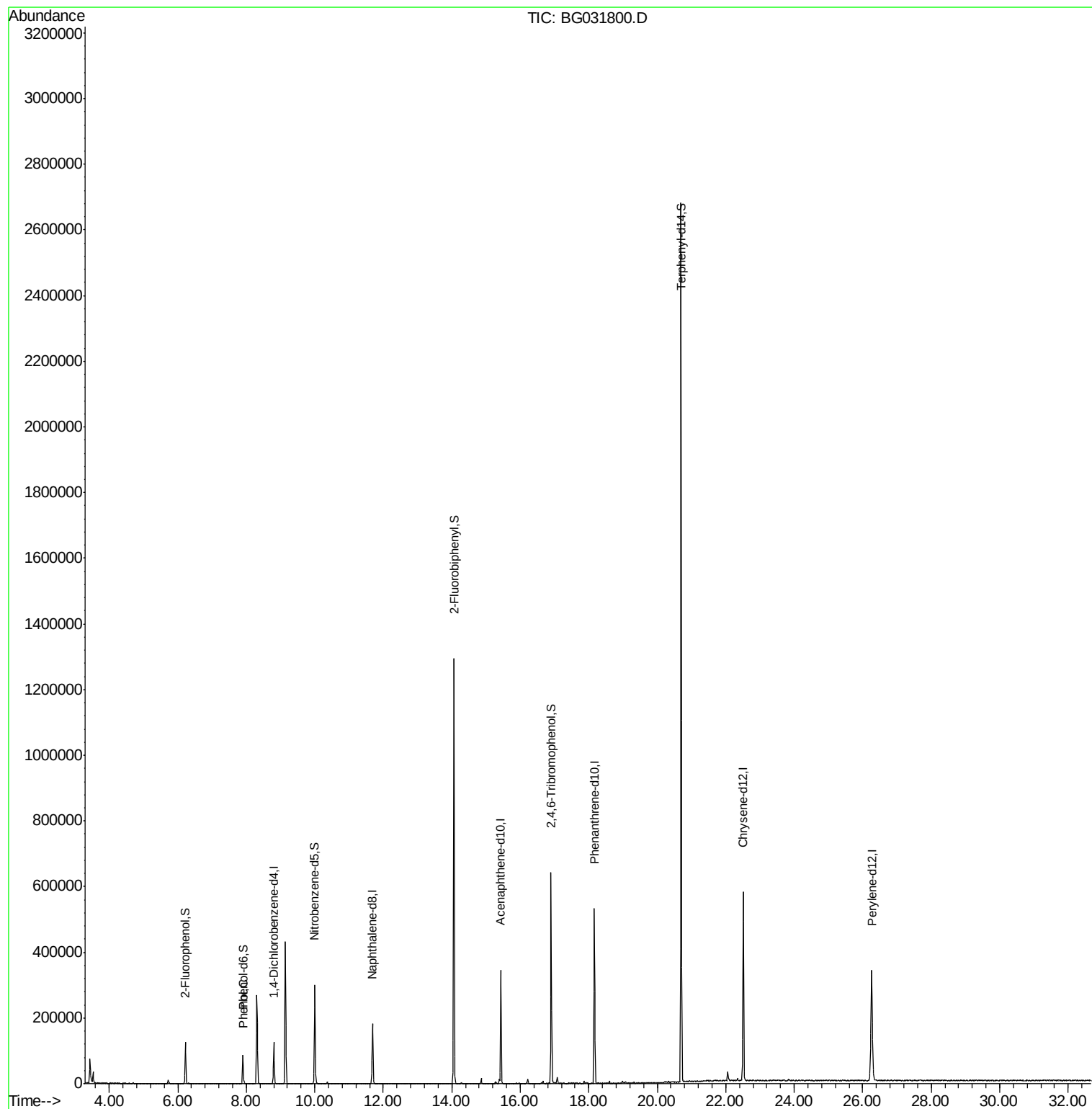
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	42833	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	183128	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	132011	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	361232	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	443632	20.00	ng	-0.06
86) Perylene-d12	26.26	264	467640	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	73347	31.19	ng	-0.02
7) Phenol-d6	7.90	99	60018	19.66	ng	-0.03
23) Nitrobenzene-d5	10.00	82	193037	79.60	ng	-0.04
41) 2,4,6-Tribromophenol	16.90	330	159256	79.06	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	778528	74.02	ng	-0.03
78) Terphenyl-d14	20.70	244	1447418	74.54	ng	-0.04
Target Compounds						
10) Phenol	7.92	94	6281	2.038	ng	Qvalue 91

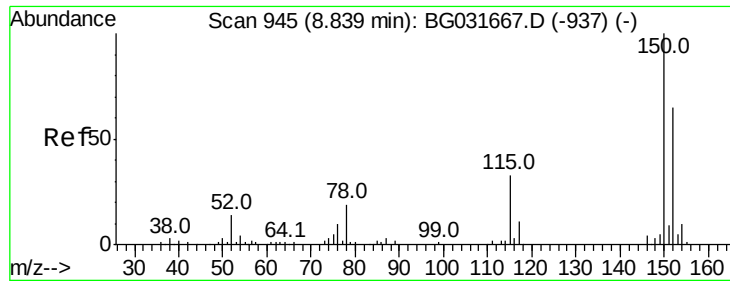
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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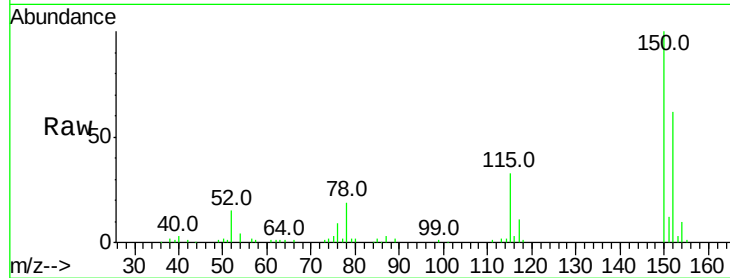


#1

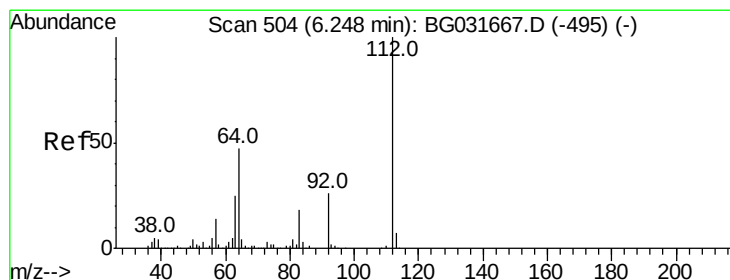
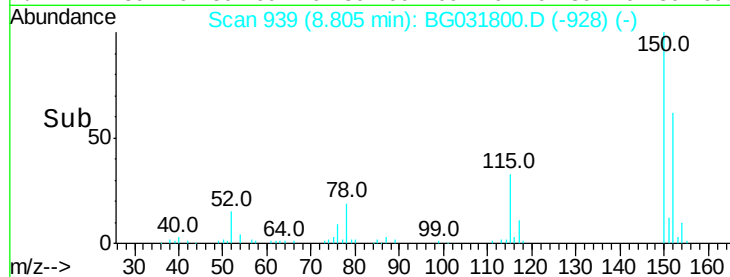
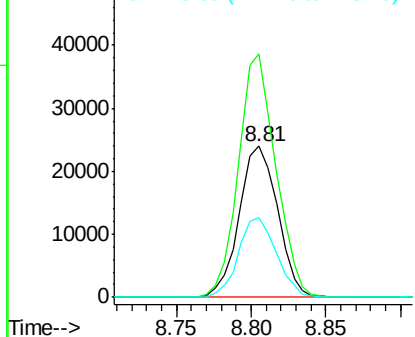
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Instrument :
BNA_G
ClientSampleId :
122117-TIDO-F-D-B

Tot Ion:152 Resp: 42833
Ion Ratio Lower Upper
152 100
150 161.2 126.6 189.8
115 53.1 53.0 79.4



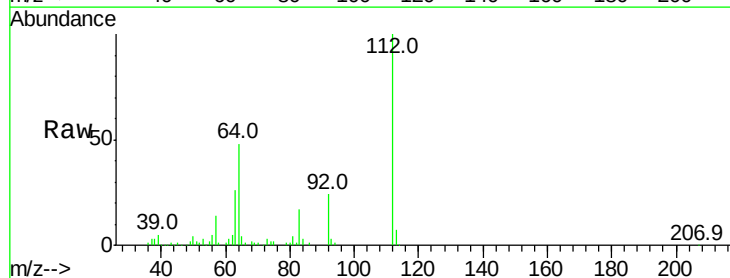
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



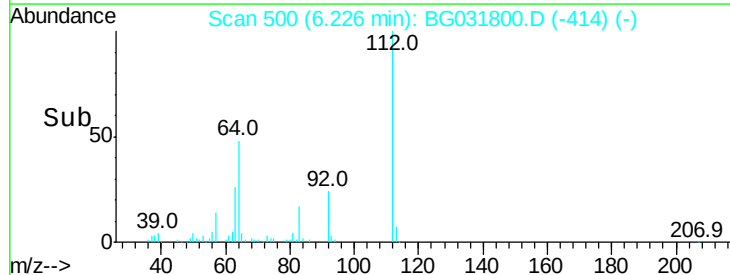
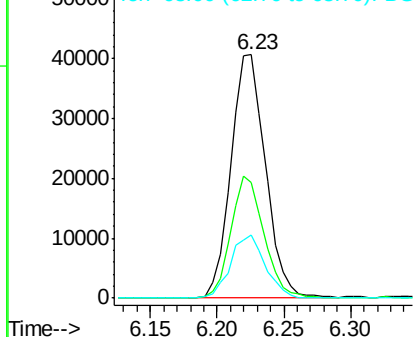
#5

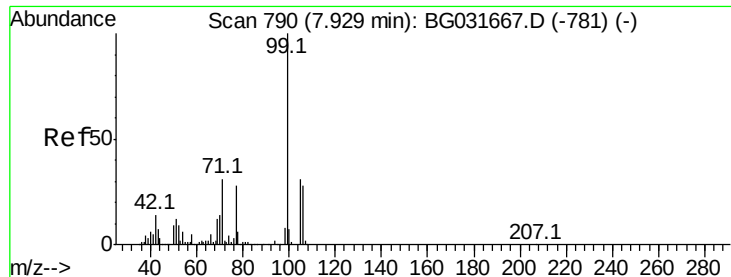
2-Fluorophenol
Concen: 31.189 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Tgt Ion:112 Resp: 73347
Ion Ratio Lower Upper
112 100
64 47.5 56.3 84.5#
63 26.0 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 19.657 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031800.D

Acq: 27 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

122117-TIDO-F-D-B

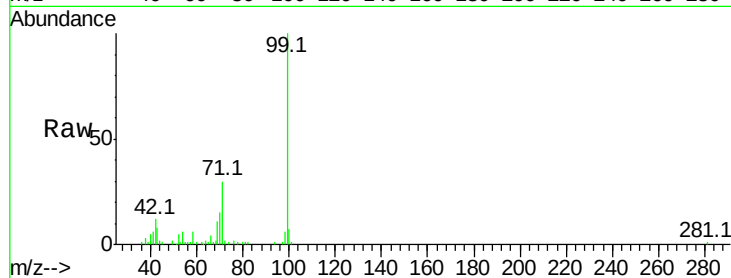
Tot Ion: 99 Resp: 60018

Ion Ratio Lower Upper

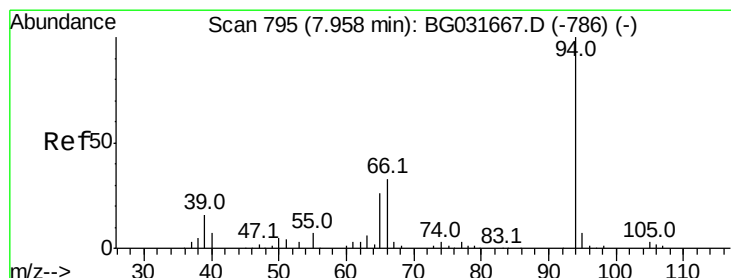
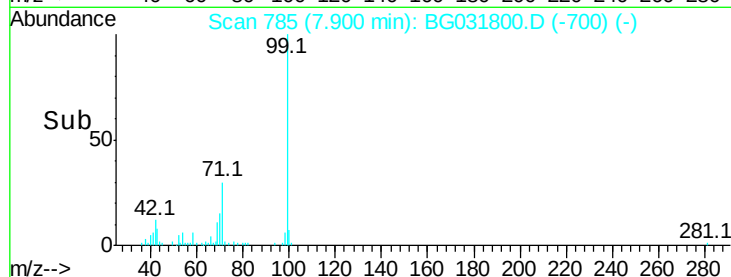
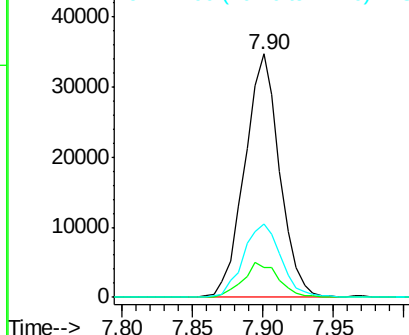
99 100

42 12.1 14.1 21.1#

71 30.0 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



#10

Phenol

Concen: 2.038 ng

RT: 7.92 min Scan# 789

Delta R.T. -0.03 min

Lab File: BG031800.D

Acq: 27 Dec 2017 17:22

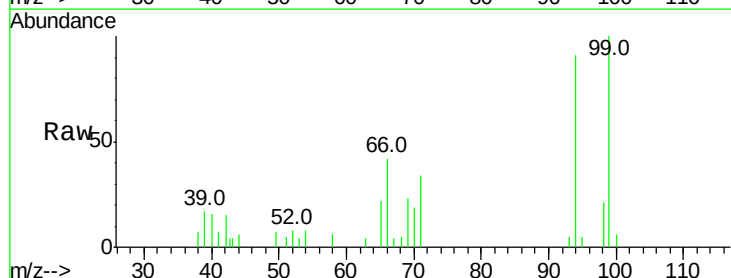
Tgt Ion: 94 Resp: 6281

Ion Ratio Lower Upper

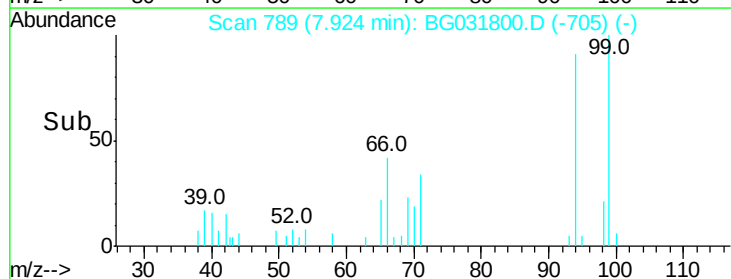
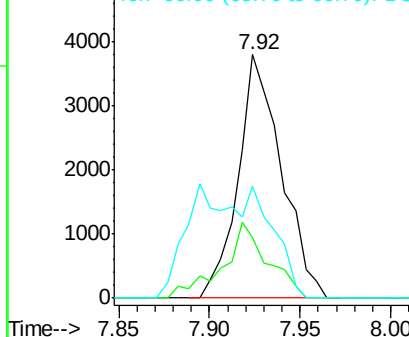
94 100

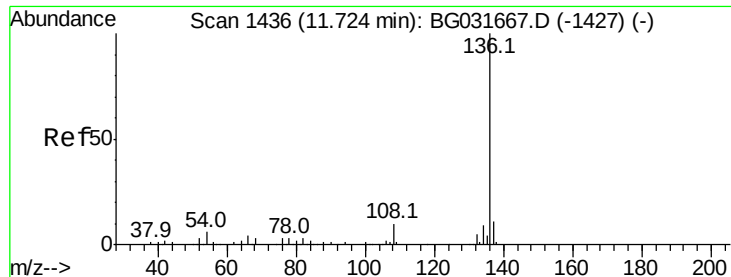
65 24.6 11.9 51.9

66 45.9 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

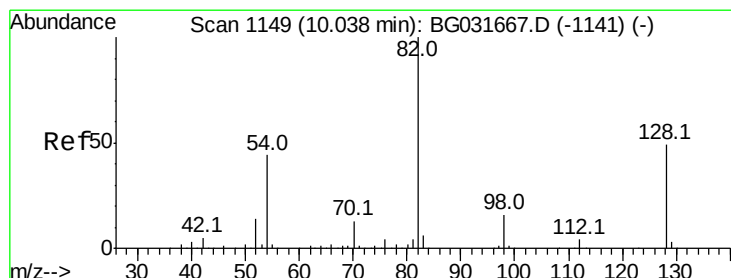
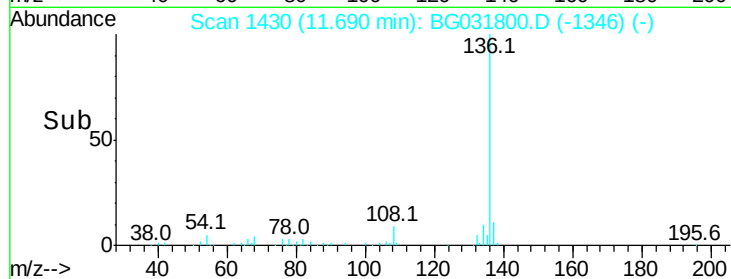
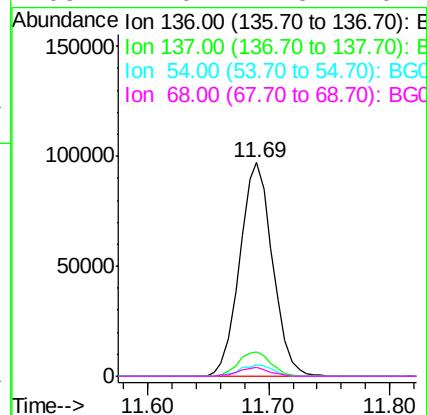
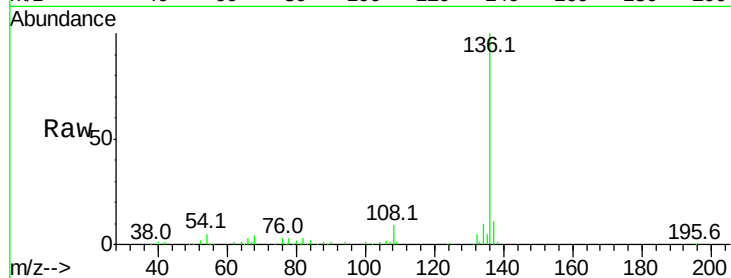




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

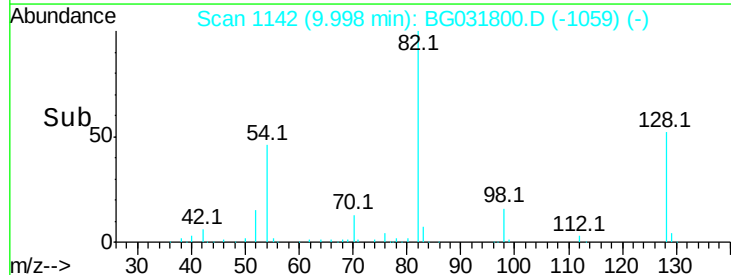
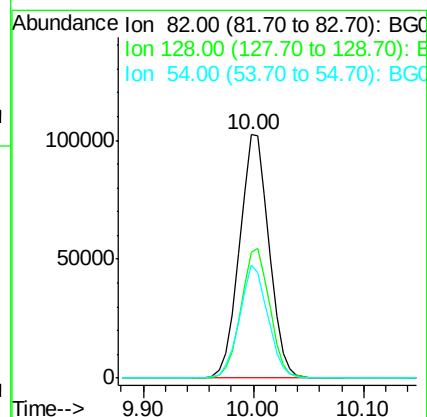
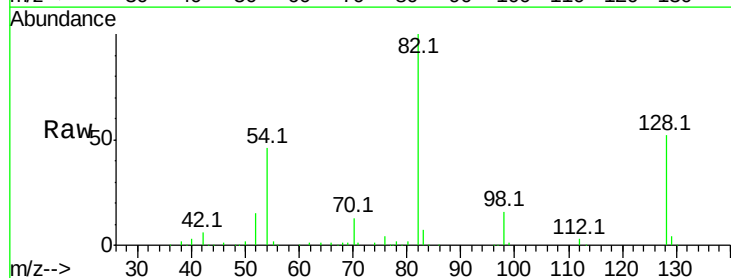
Instrument :
BNA_G
ClientSampleId :
122117-TIDO-F-D-B

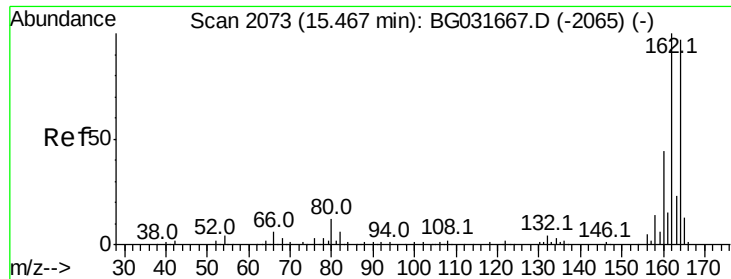
Tot Ion:	136	Resp:	183128
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.4	10.3	15.5#
68	4.0	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 79.598 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Tgt Ion:	82	Resp:	193037
Ion	Ratio	Lower	Upper
82	100		
128	51.6	29.7	44.5#
54	46.2	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.43 min Scan# 2067

Delta R.T. -0.03 min

Lab File: BG031800.D

Acq: 27 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

122117-TIDO-F-D-B

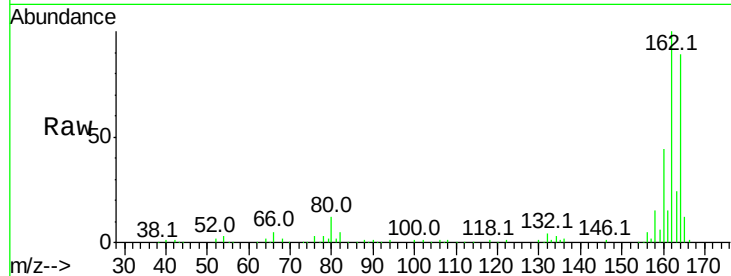
Tot Ion:164 Resp: 132011

Ion Ratio Lower Upper

164 100

162 112.8 78.8 118.2

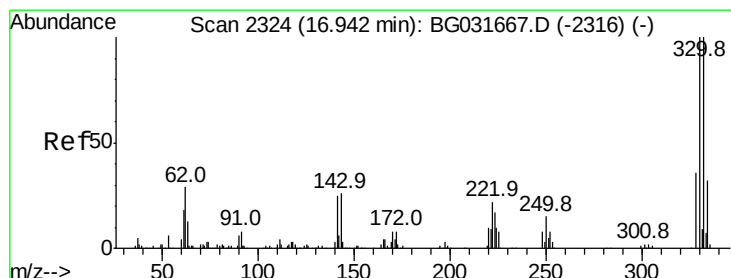
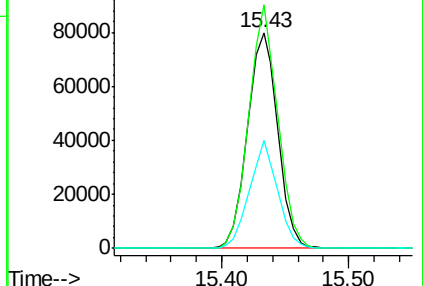
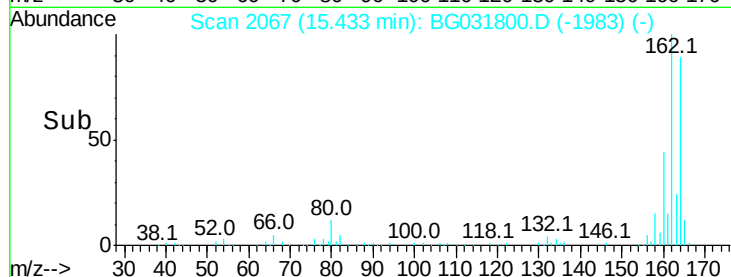
160 50.1 35.4 53.0



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: 79.063 ng

RT: 16.90 min Scan# 2317

Delta R.T. -0.04 min

Lab File: BG031800.D

Acq: 27 Dec 2017 17:22

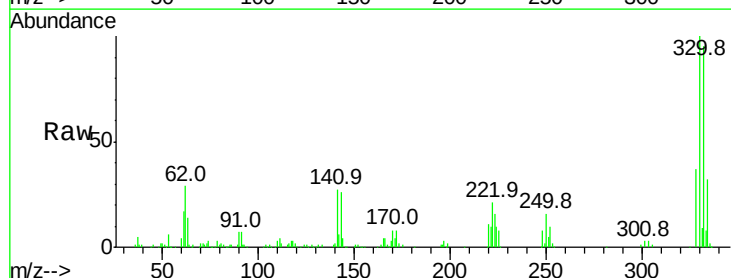
Tgt Ion:330 Resp: 159256

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

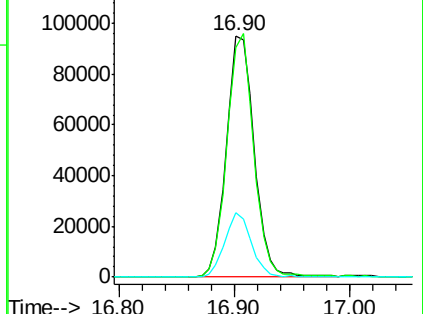
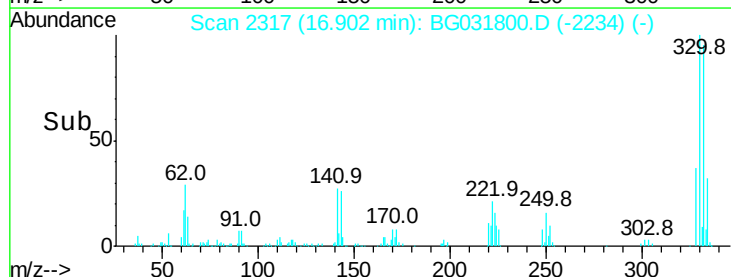
141 25.6 25.2 37.8

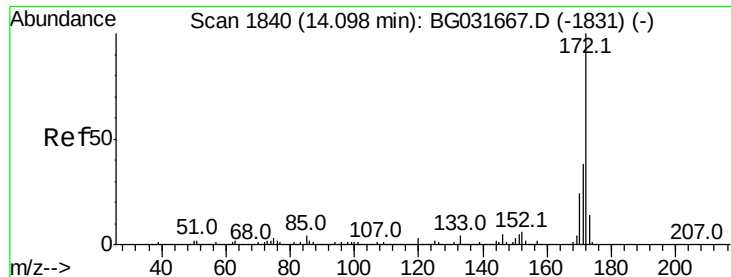


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

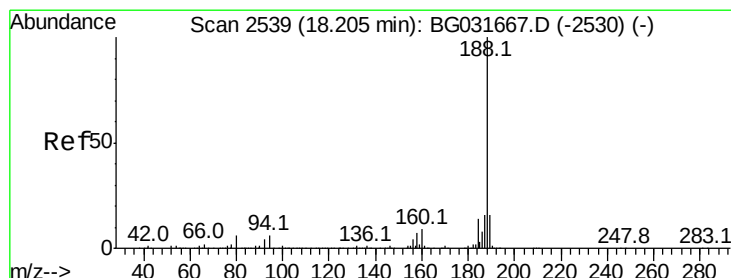
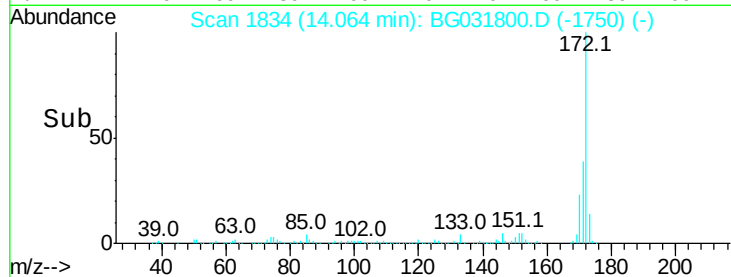
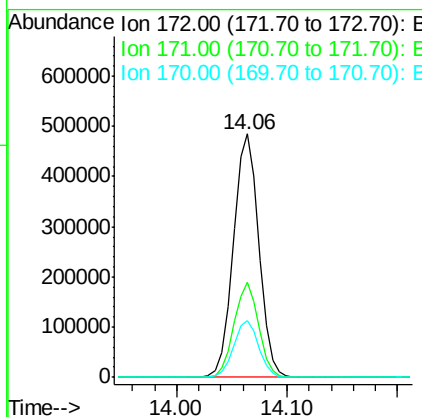
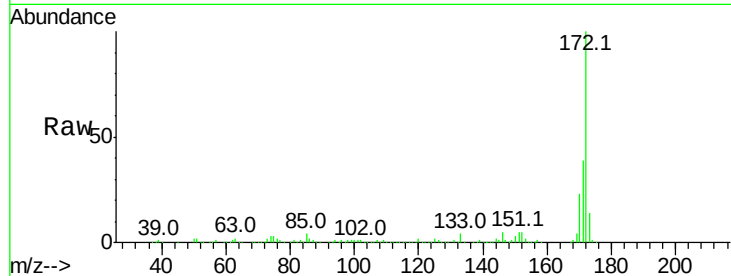




#44
 2-Fluorobiphenyl
 Concen: 74.021 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031800.D
 Acq: 27 Dec 2017 17:22

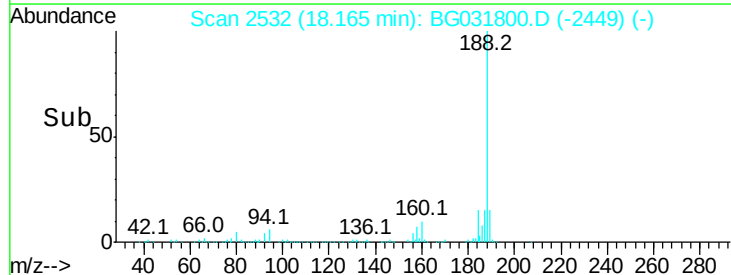
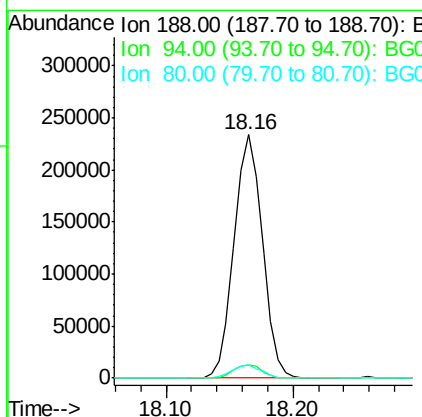
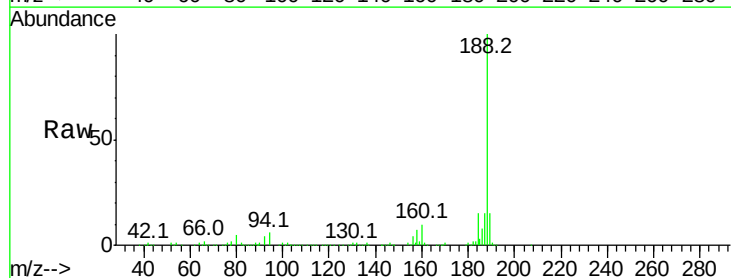
Instrument :
 BNA_G
 ClientSampleId :
 122117-TIDO-F-D-B

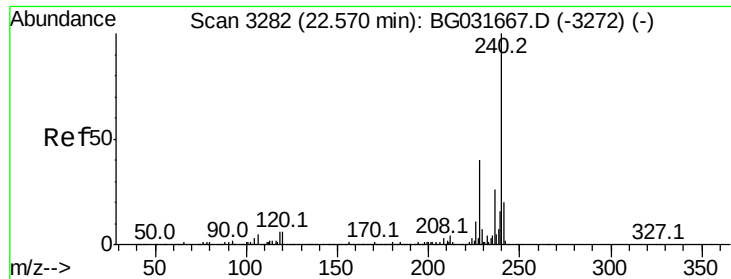
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	23.5	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.16 min Scan# 2532
 Delta R.T. -0.04 min
 Lab File: BG031800.D
 Acq: 27 Dec 2017 17:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	5.2	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: BG031800.D

Acq: 27 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

122117-TIDO-F-D-B

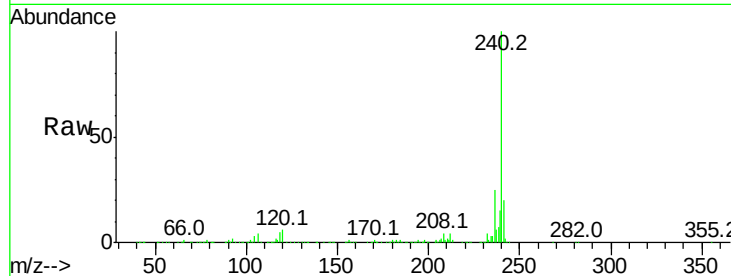
Tot Ion:240 Resp: 443632

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

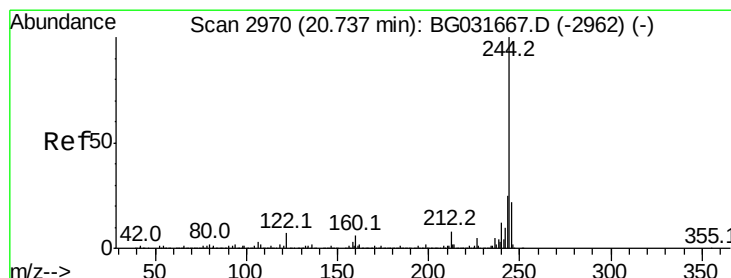
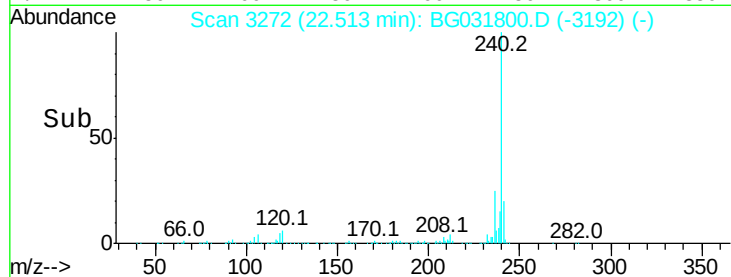
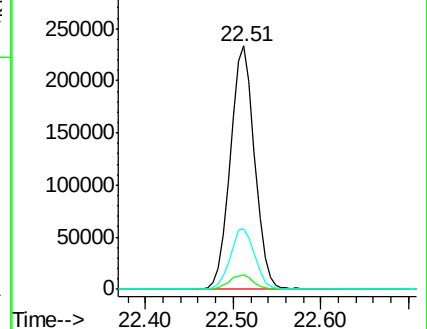
236 24.8 20.9 31.3



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: 74.540 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031800.D

Acq: 27 Dec 2017 17:22

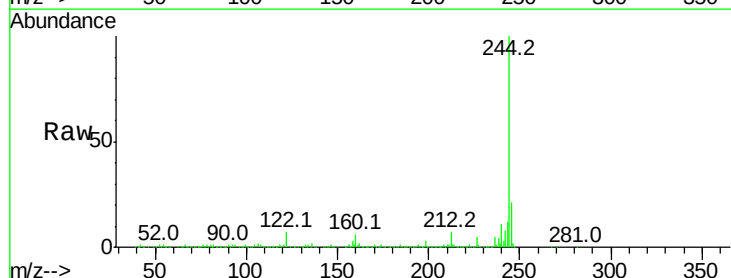
Tgt Ion:244 Resp: 1447418

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

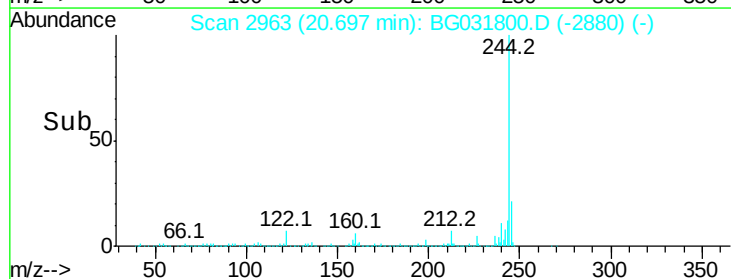
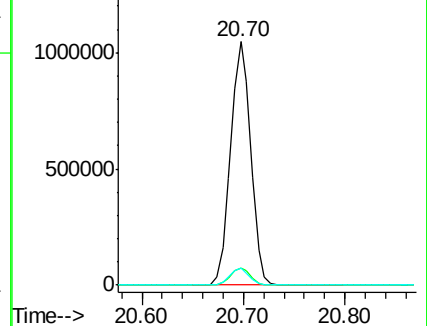
122 6.8 7.0 10.4#

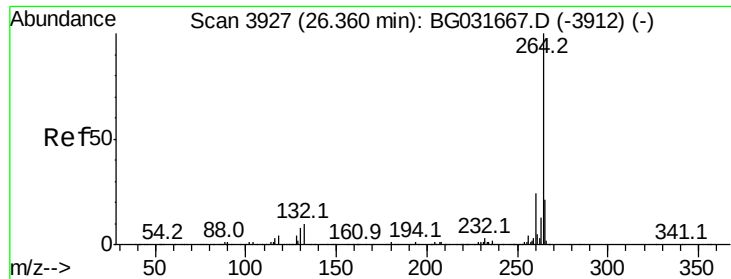


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

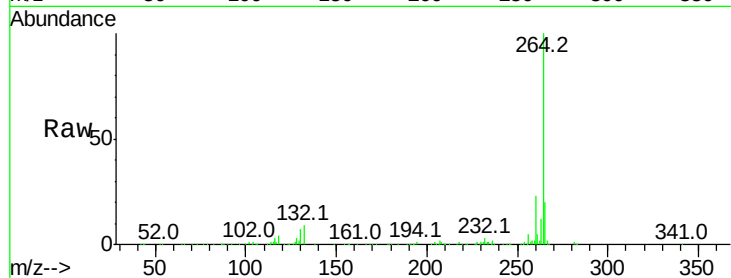




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.26 min Scan# 3910
 Delta R.T. -0.10 min
 Lab File: BG031800.D
 Acq: 27 Dec 2017 17:22

Instrument :
 BNA_G
 ClientSampleId :
 122117-TIDO-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	20.4	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

