

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031182.D
 Acq On : 22 Nov 2017 10:21
 Operator : SJ/JU
 Sample : I6540-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 111617-TIDO-F-D-S

Quant Time: Nov 22 13:34:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

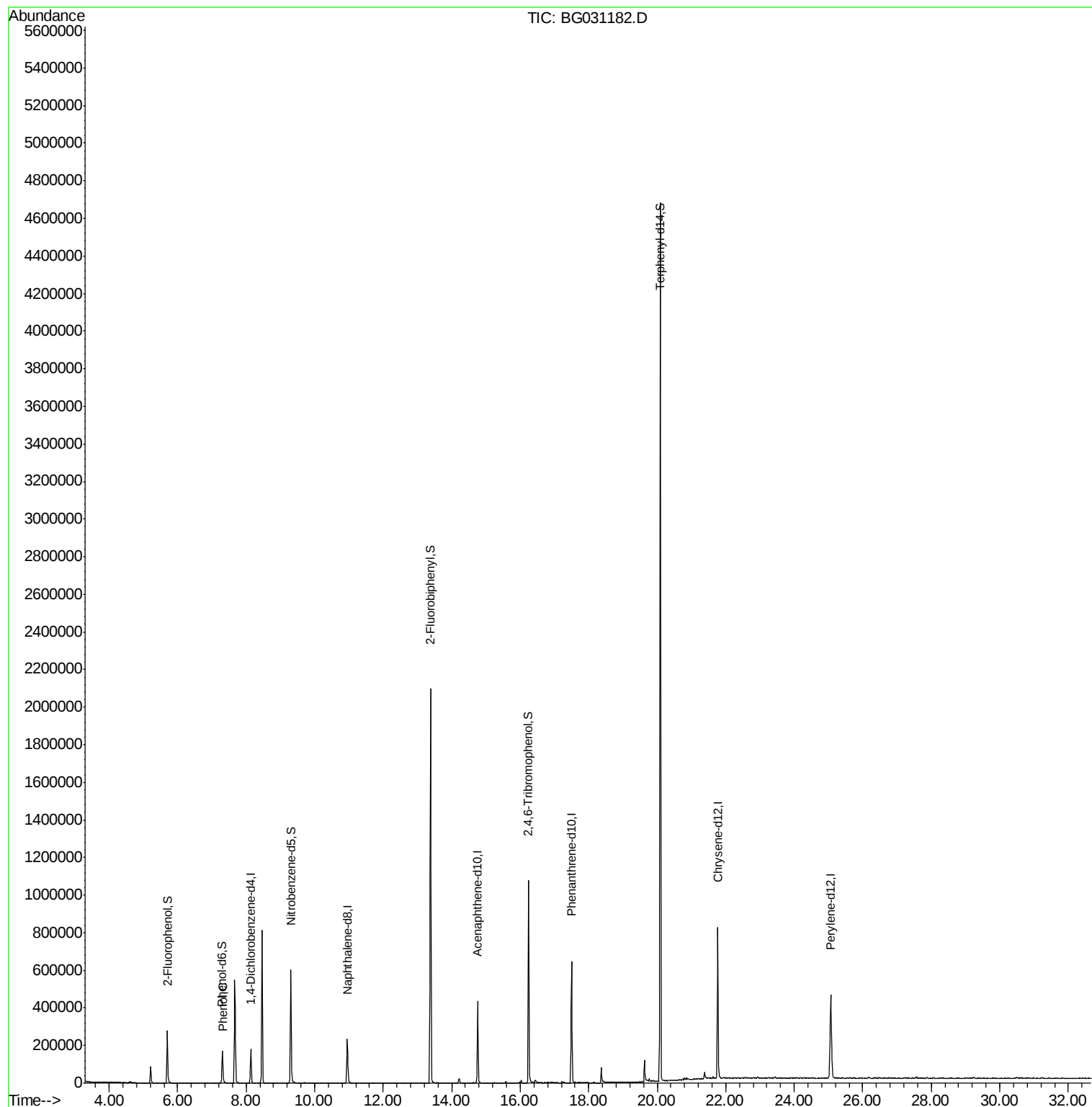
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	57385	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	246419	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	166589	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	432380	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	522909	20.00	ng	-0.01
86) Perylene-d12	25.07	264	505143	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	146412	43.75	ng	0.00
7) Phenol-d6	7.30	99	120582	26.75	ng	0.00
23) Nitrobenzene-d5	9.30	82	402718	96.84	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	226160	83.92	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1183183	102.05	ng	-0.02
78) Terphenyl-d14	20.09	244	2015999	85.13	ng	0.00
Target Compounds						
10) Phenol	7.34	94	9730	2.078	ng	Qvalue 82

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

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111617-TIDO-F-D-S

Quant Time: Nov 22 13:34:09 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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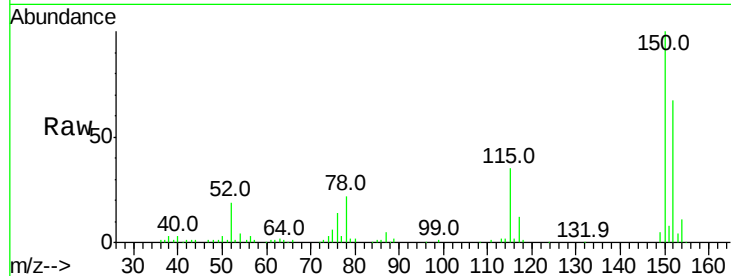


#1

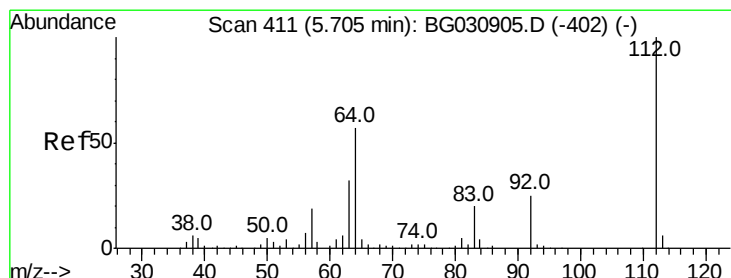
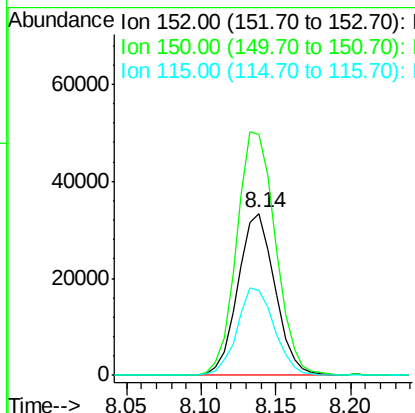
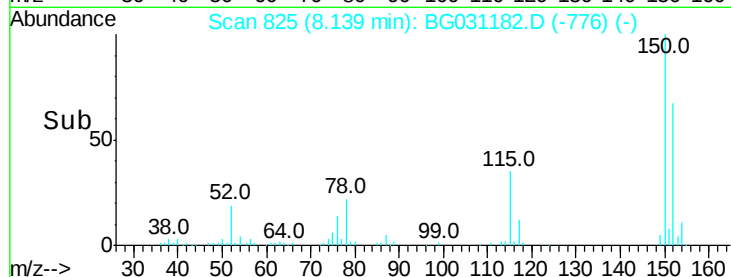
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG031182.D
 Acq: 22 Nov 2017 10:21

Instrument :
 BNA_G
 ClientSampleId :
 111617-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	126.6	189.8
115	52.2	53.0	79.4#



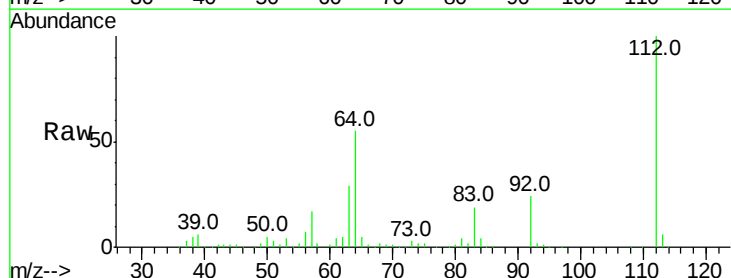
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



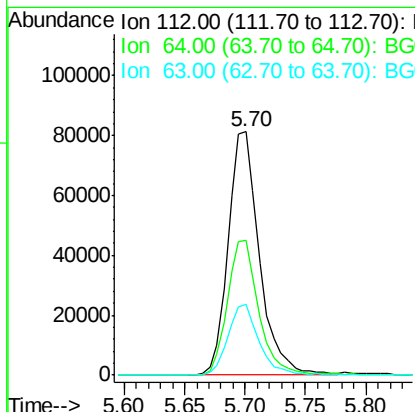
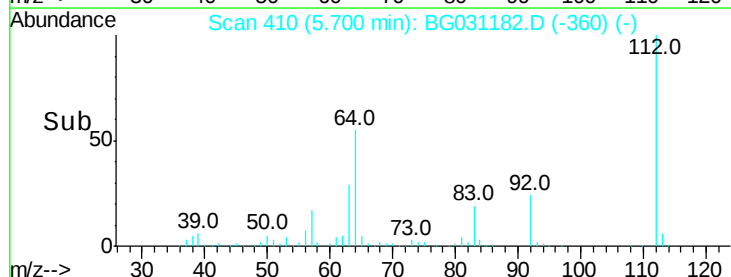
#5

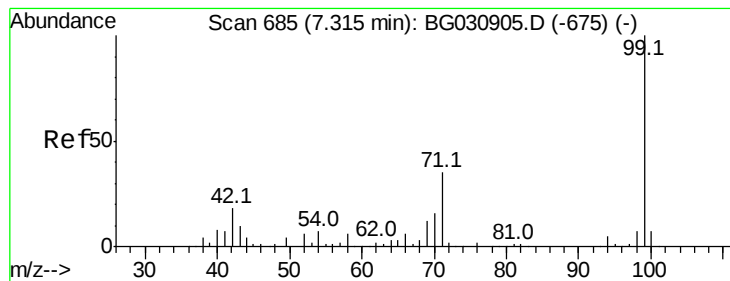
2-Fluorophenol
 Concen: 43.750 ng
 RT: 5.70 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BG031182.D
 Acq: 22 Nov 2017 10:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	56.3	84.5#
63	29.1	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: 26.745 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031182.D

Acq: 22 Nov 2017 10:21

Instrument :

BNA_G

ClientSampleId :

111617-TIDO-F-D-S

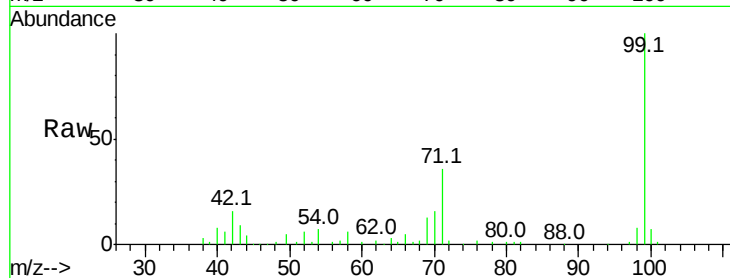
Tot Ion: 99 Resp: 120582

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

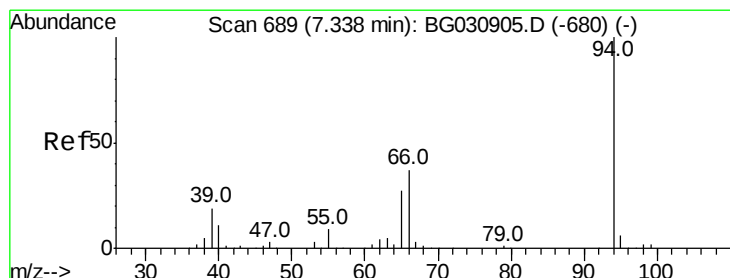
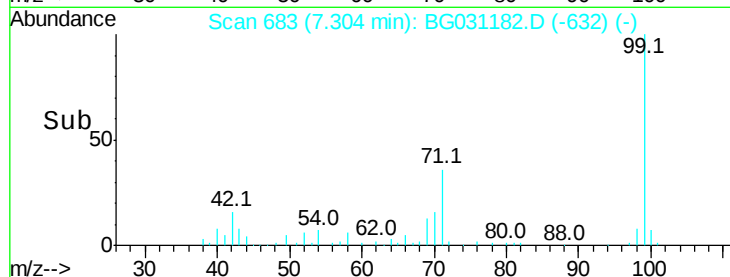
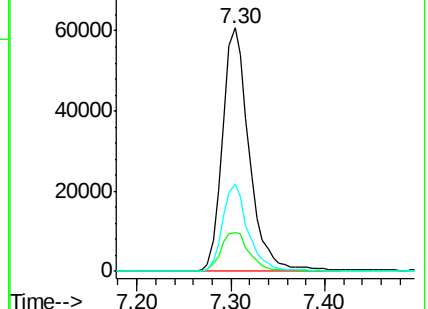
71 35.8 26.1 39.1



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: 2.078 ng

RT: 7.34 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG031182.D

Acq: 22 Nov 2017 10:21

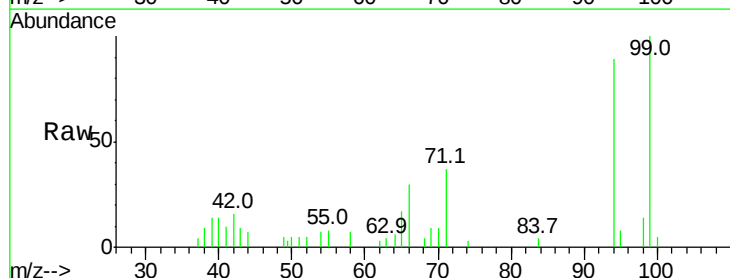
Tgt Ion: 94 Resp: 9730

Ion Ratio Lower Upper

94 100

65 18.6 11.9 51.9

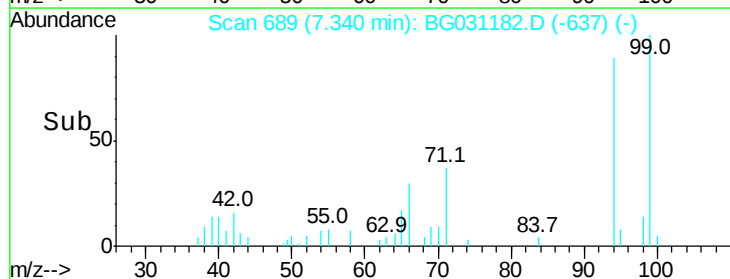
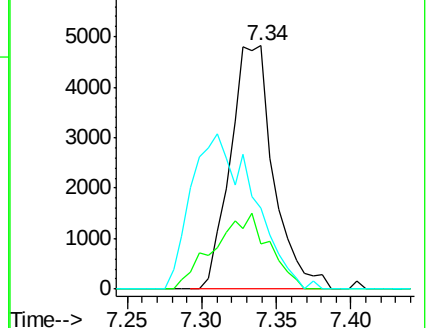
66 33.3 22.2 62.2

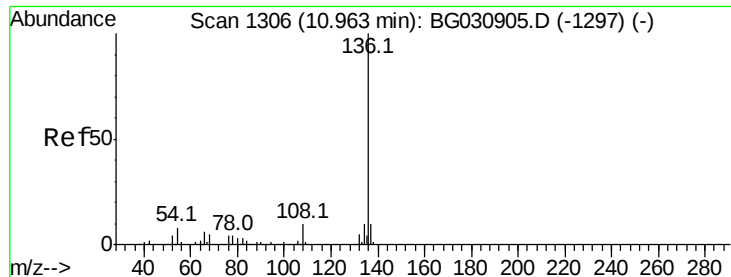


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

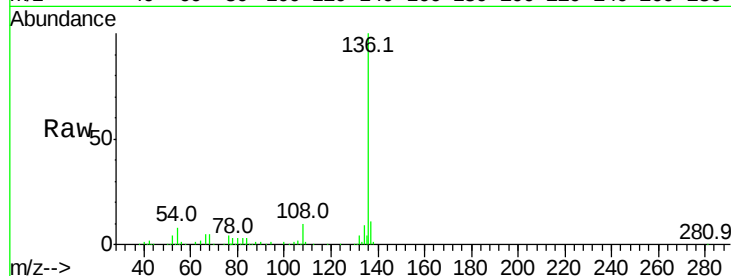




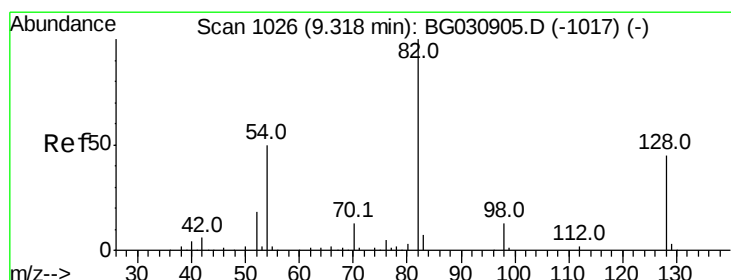
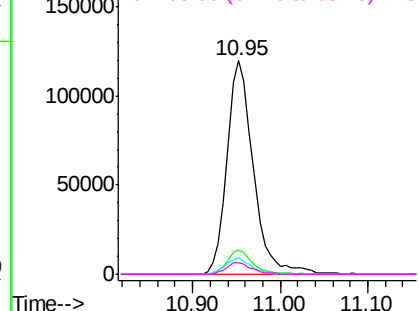
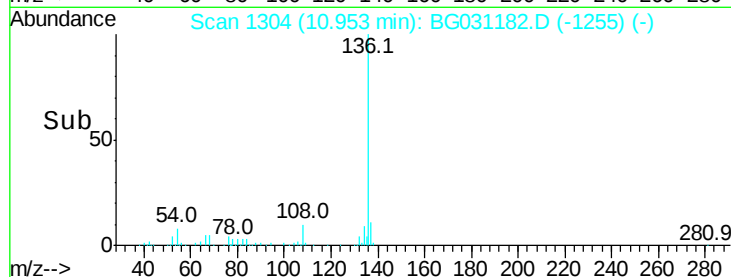
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG031182.D
Acq: 22 Nov 2017 10:21

Instrument :
BNA_G
ClientSampleId :
111617-TIDO-F-D-S

Tot Ion:136	Resp:	246419
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.2 13.8
54	7.5	10.3 15.5#
68	5.2	4.5 6.7

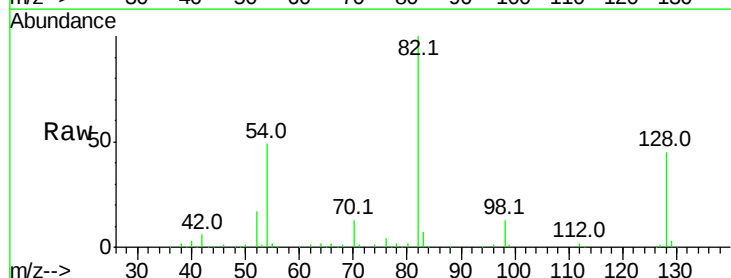


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

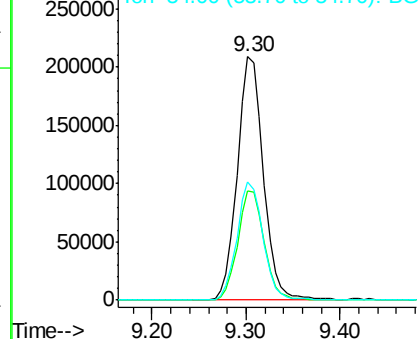
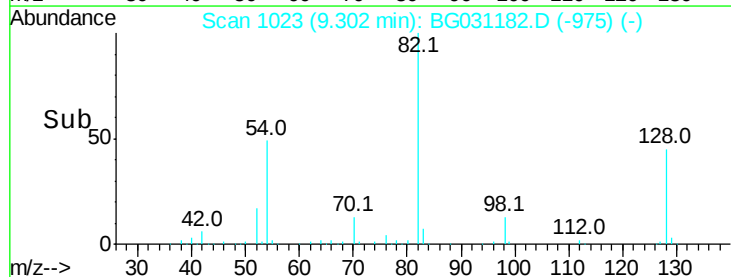


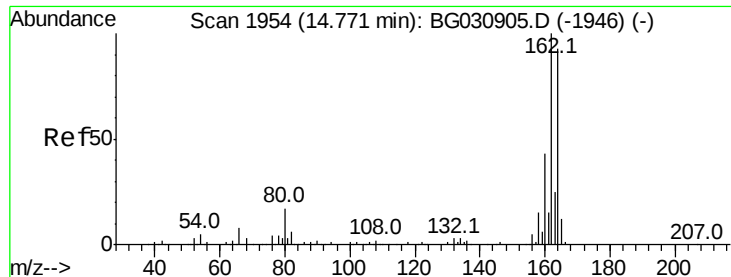
#23
Nitrobenzene-d5
Concen: 96.841 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031182.D
Acq: 22 Nov 2017 10:21

Tgt Ion: 82	Resp:	402718
Ion	Ratio	Lower Upper
82	100	
128	45.0	29.7 44.5#
54	48.7	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: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031182.D

Acq: 22 Nov 2017 10:21

Instrument :

BNA_G

ClientSampleId :

111617-TIDO-F-D-S

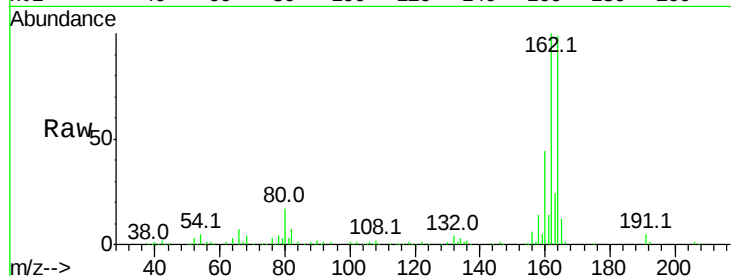
Tot Ion:164 Resp: 166589

Ion Ratio Lower Upper

164 100

162 101.0 78.8 118.2

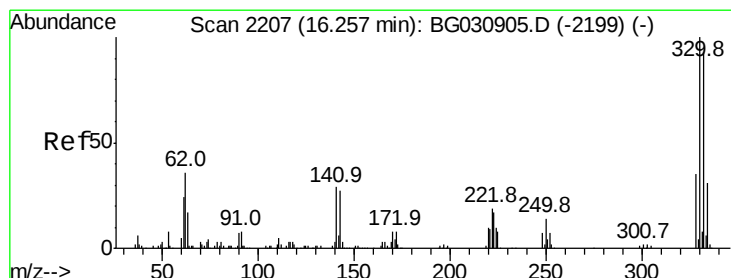
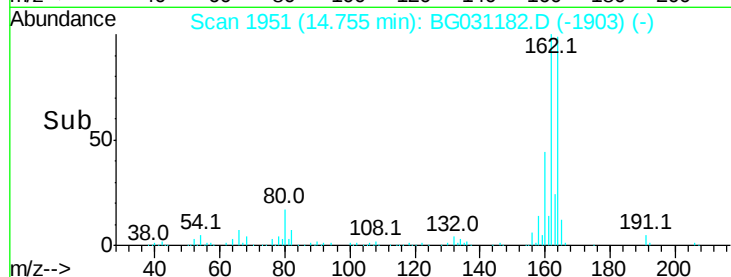
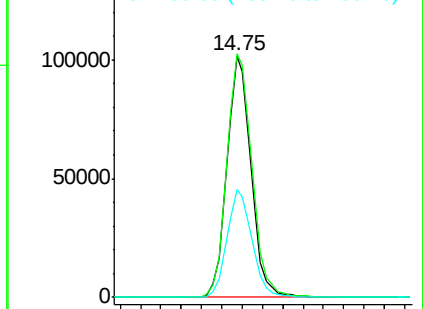
160 44.8 35.4 53.0



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: 83.922 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG031182.D

Acq: 22 Nov 2017 10:21

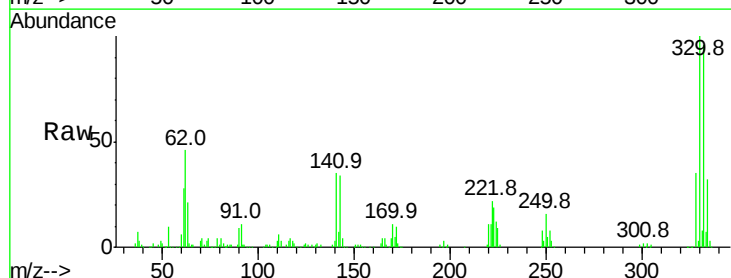
Tgt Ion:330 Resp: 226160

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

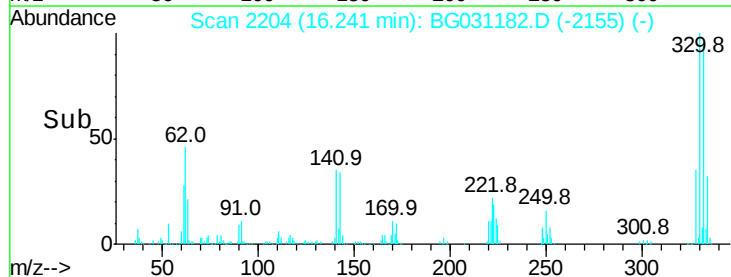
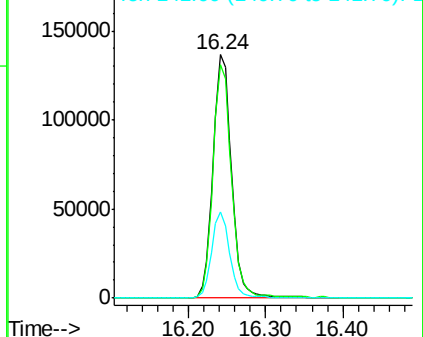
141 34.3 25.2 37.8

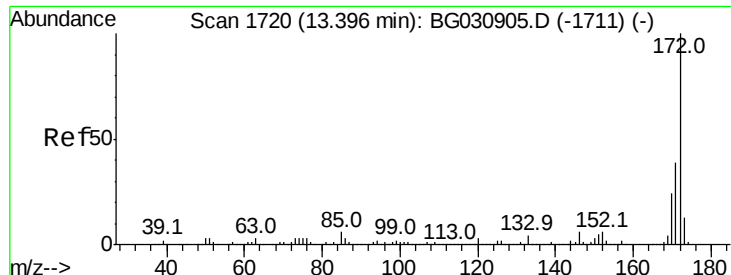


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



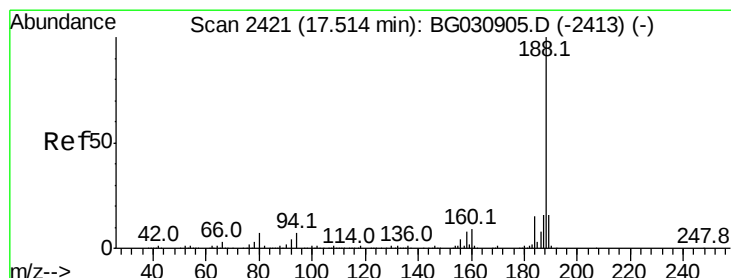
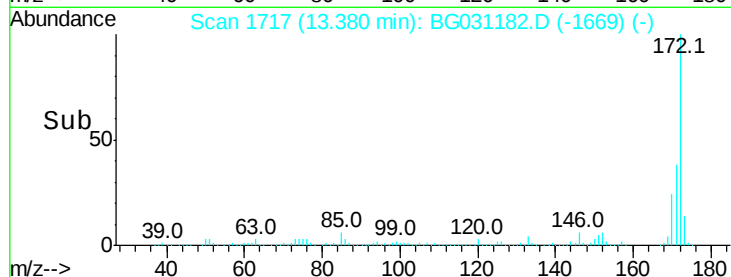
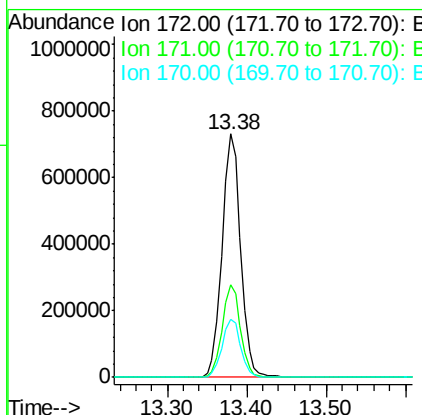
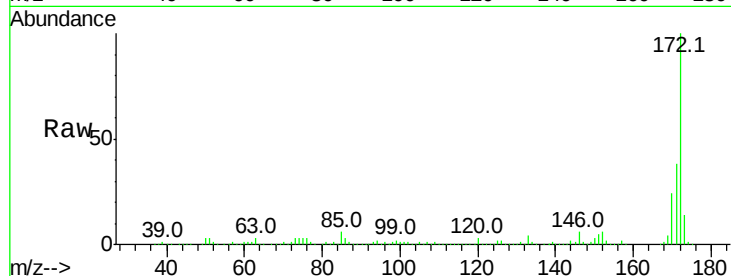


#44
 2-Fluorobiphenyl
 Concen: 102.054 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031182.D
 Acq: 22 Nov 2017 10:21

Instrument :
 BNA_G
 ClientSampleId :
 111617-TIDO-F-D-S

Tot Ion:172 Resp: 1183183

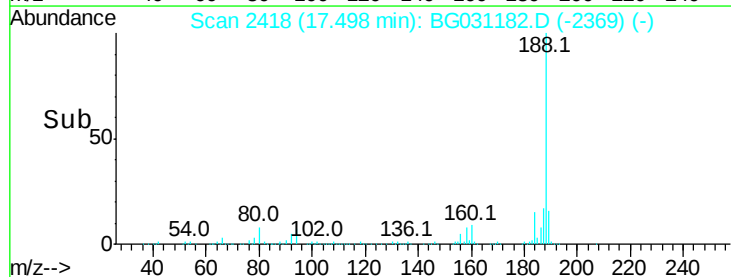
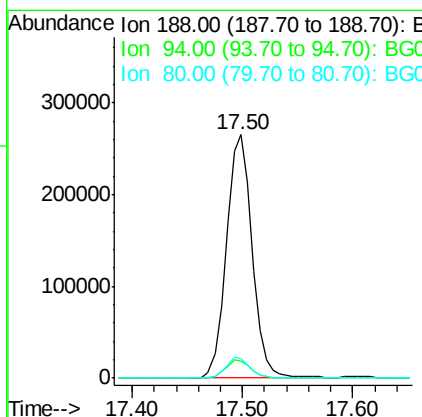
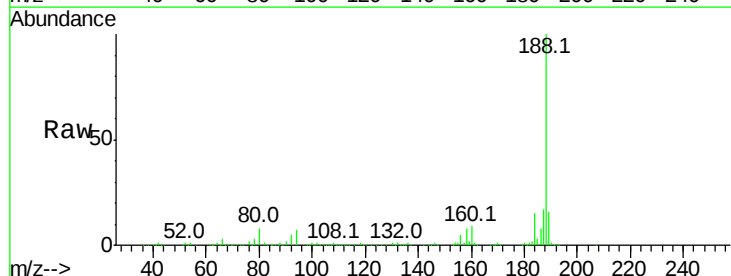
Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.7	19.5	29.3

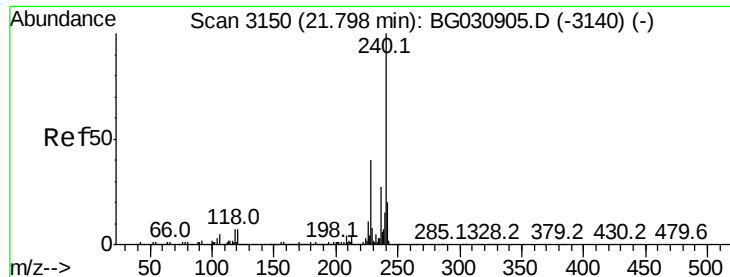


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG031182.D
 Acq: 22 Nov 2017 10:21

Tgt Ion:188 Resp: 432380

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	8.1	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG031182.D

Acq: 22 Nov 2017 10:21

Instrument :

BNA_G

ClientSampleId :

111617-TIDO-F-D-S

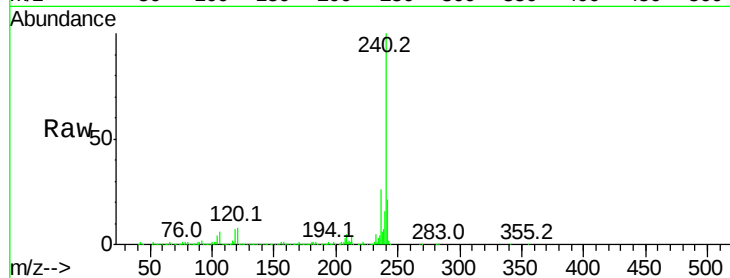
Tot Ion:240 Resp: 522909

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

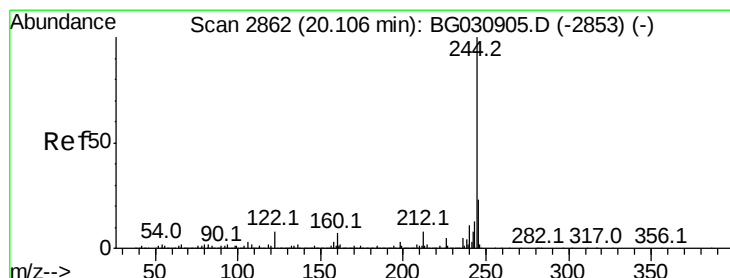
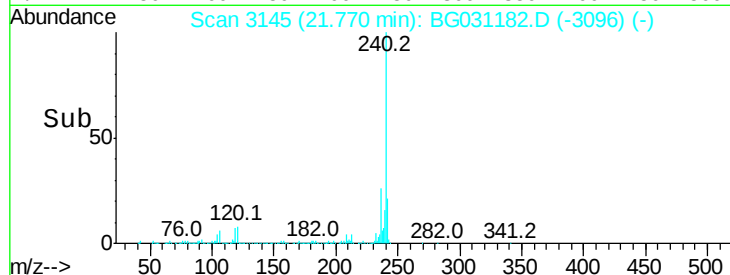
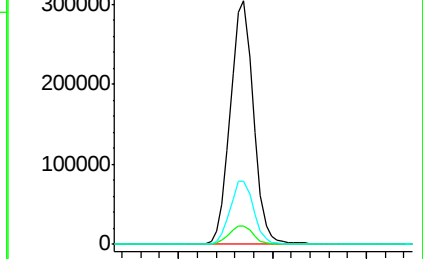
236 26.1 20.9 31.3



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: 85.130 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031182.D

Acq: 22 Nov 2017 10:21

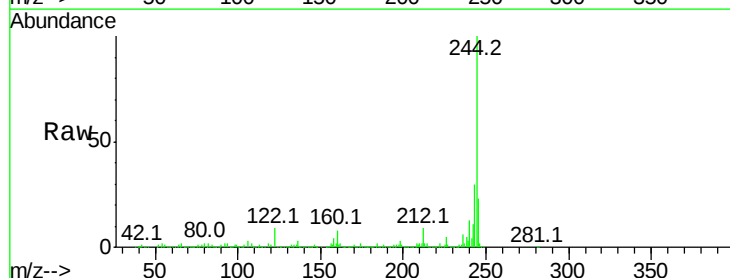
Tgt Ion:244 Resp: 2015999

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

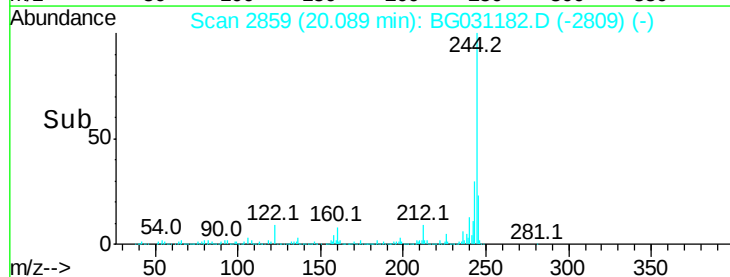
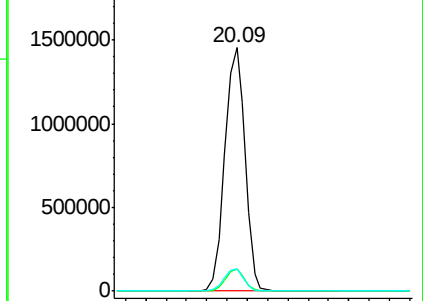
122 9.1 7.0 10.4



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

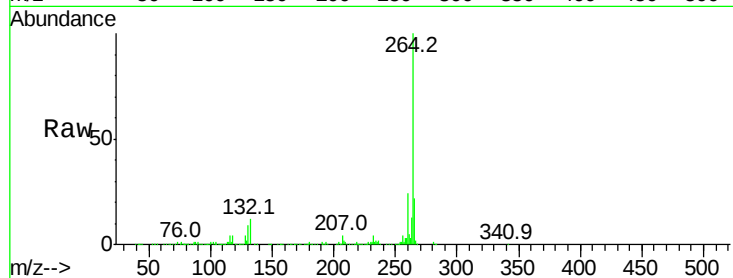




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3706
 Delta R.T. -0.03 min
 Lab File: BG031182.D
 Acq: 22 Nov 2017 10:21

Instrument :
 BNA_G
 ClientSampleId :
 111617-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	22.4	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

