

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031611.D
 Acq On : 16 Dec 2017 5:36
 Operator : SJ/JU
 Sample : I6880-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120817-TIDO-F-D-S

Quant Time: Dec 18 03:26:24 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

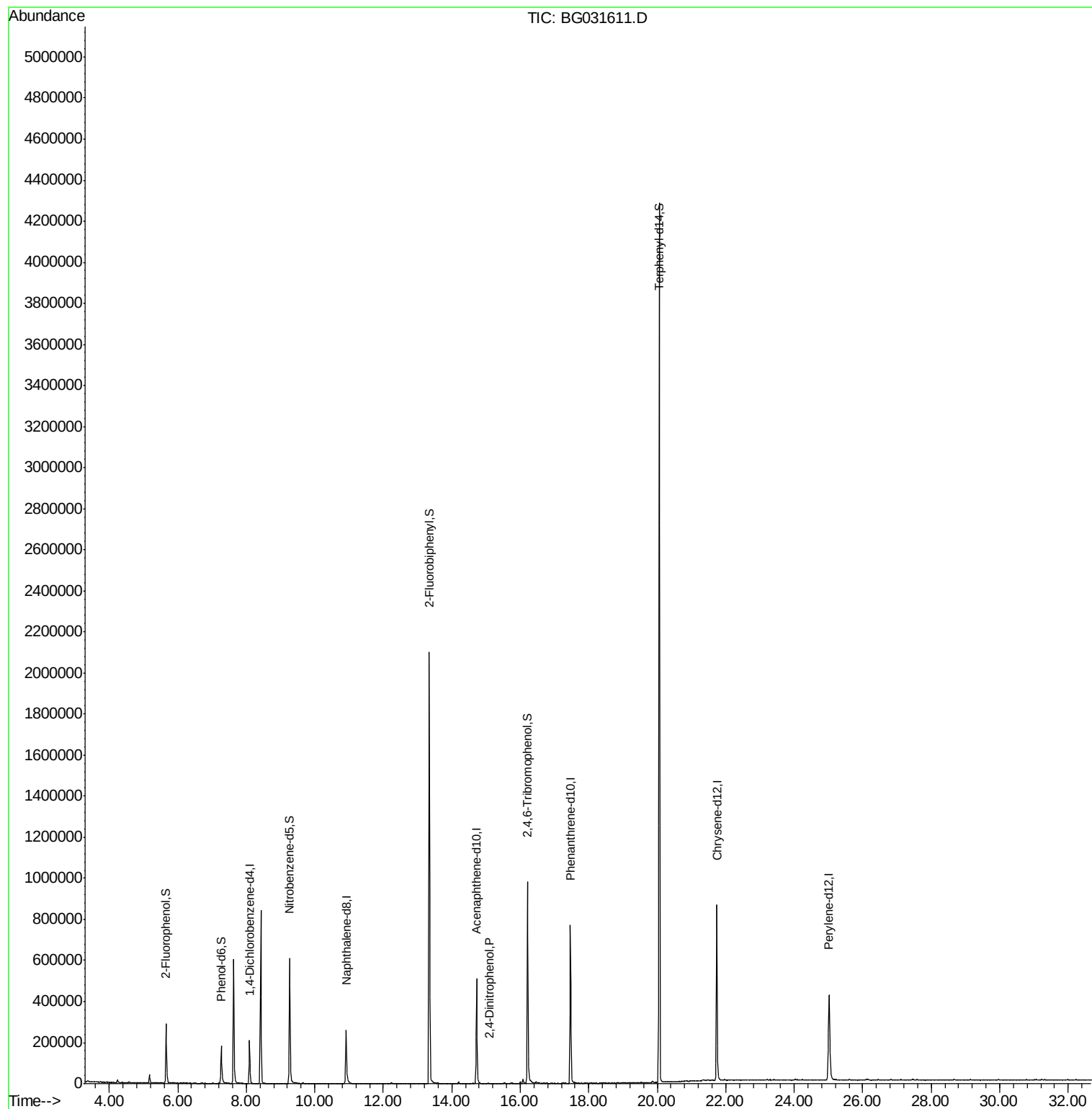
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	67030	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	293875	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	205941	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	535893	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	608018	20.00	ng	-0.01
86) Perylene-d12	25.02	264	513645	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	165412	43.74	ng	-0.01
7) Phenol-d6	7.27	99	134956	25.71	ng	0.00
23) Nitrobenzene-d5	9.26	82	421307	88.36	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	229199	95.00	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1272243	90.68	ng	0.00
78) Terphenyl-d14	20.06	244	2179566	81.56	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	15.10	184	56	9.084	ng	Qvalue # 1

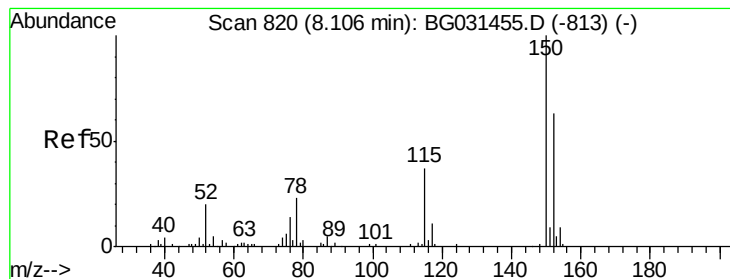
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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120817-TIDO-F-D-S

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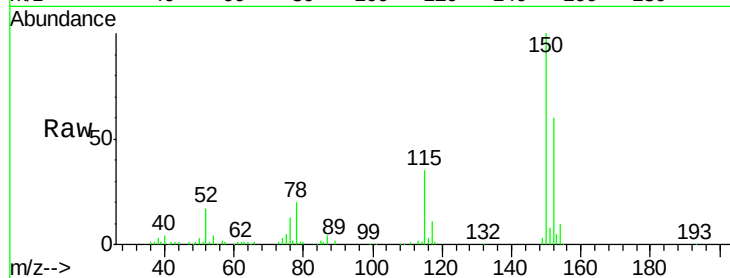


#1

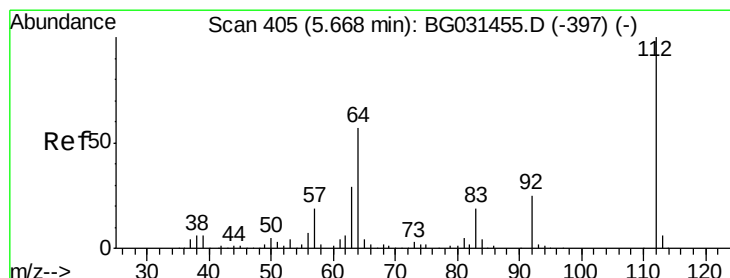
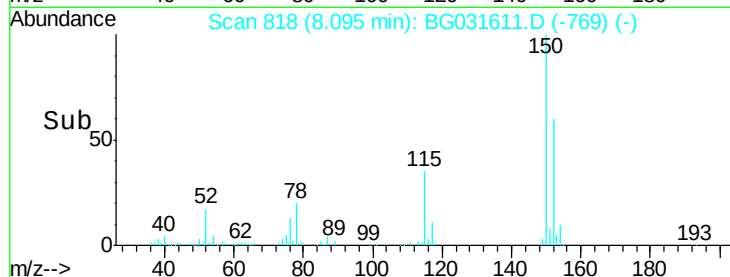
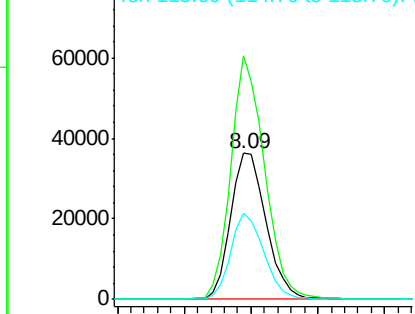
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG031611.D
 Acq: 16 Dec 2017 5:36

Instrument :
 BNA_G
 ClientSampleId :
 120817-TIDO-F-D-S

Tgt Ion:152 Resp: 67030
 Ion Ratio Lower Upper
 152 100
 150 166.7 126.6 189.8
 115 58.7 53.0 79.4



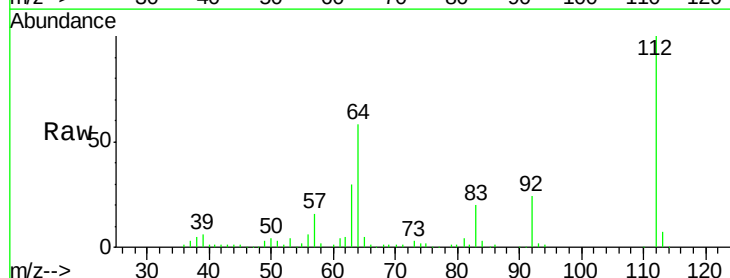
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



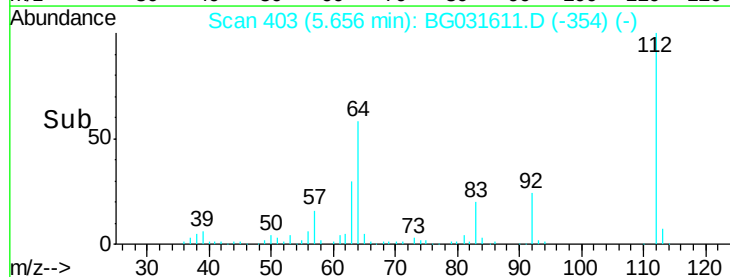
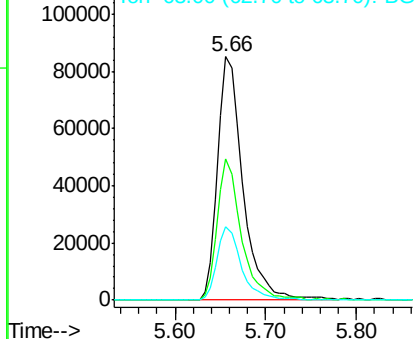
#5

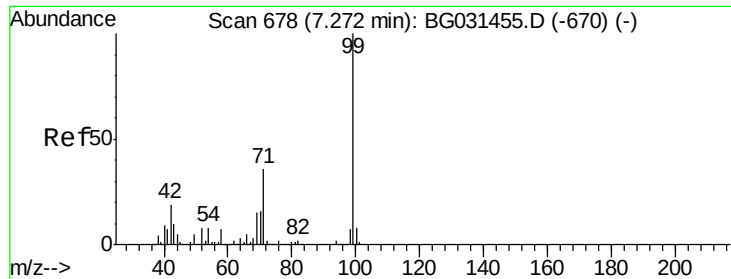
2-Fluorophenol
 Concen: 43.741 ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BG031611.D
 Acq: 16 Dec 2017 5:36

Tgt Ion:112 Resp: 165412
 Ion Ratio Lower Upper
 112 100
 64 57.8 56.3 84.5
 63 30.3 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: 25.707 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031611.D

Acq: 16 Dec 2017 5:36

Instrument :

BNA_G

ClientSampleId :

120817-TIDO-F-D-S

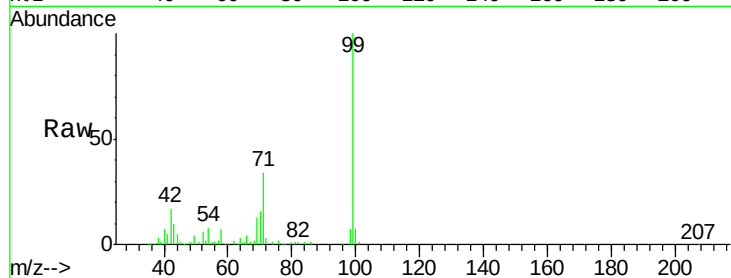
Tgt Ion: 99 Resp: 134956

Ion Ratio Lower Upper

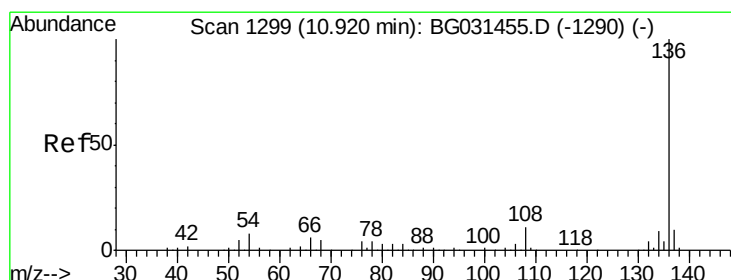
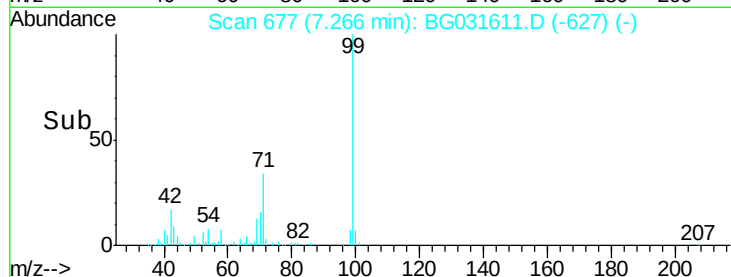
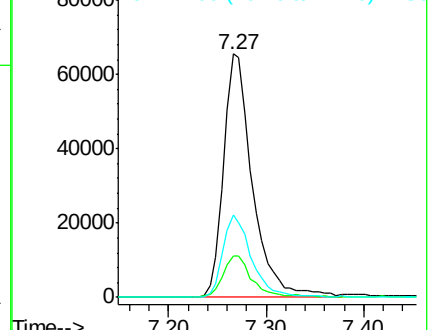
99 100

42 17.0 14.1 21.1

71 33.9 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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031611.D

Acq: 16 Dec 2017 5:36

Tgt Ion: 136 Resp: 293875

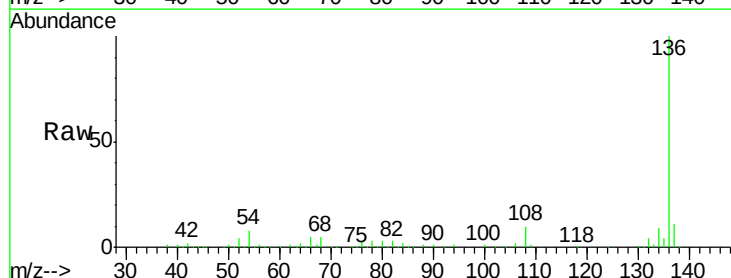
Ion Ratio Lower Upper

136 100

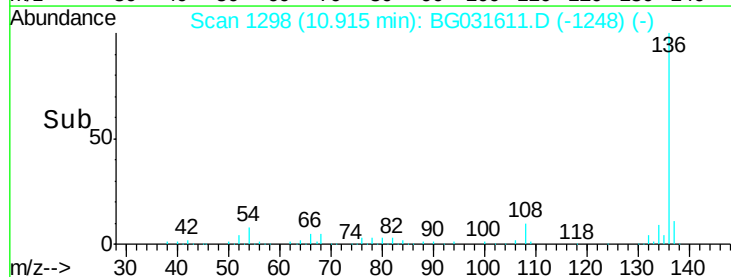
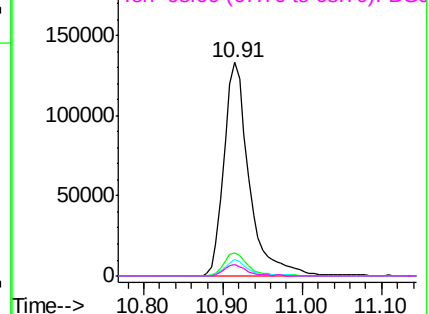
137 11.0 9.2 13.8

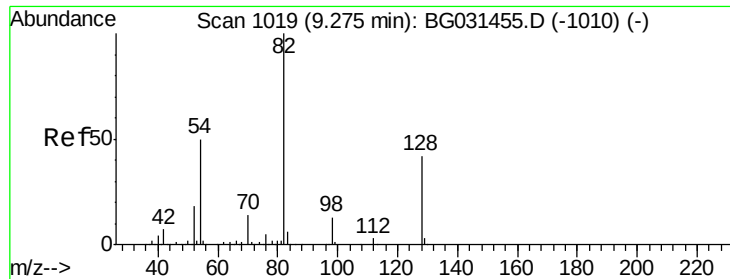
54 7.7 10.3 15.5#

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

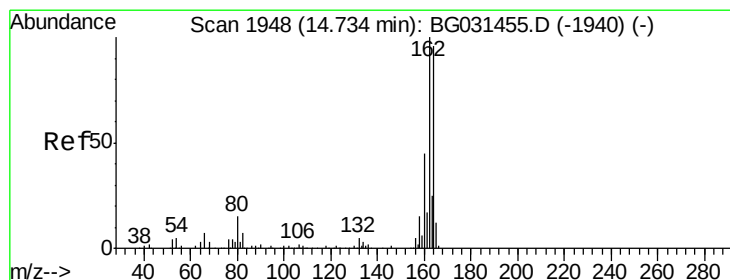
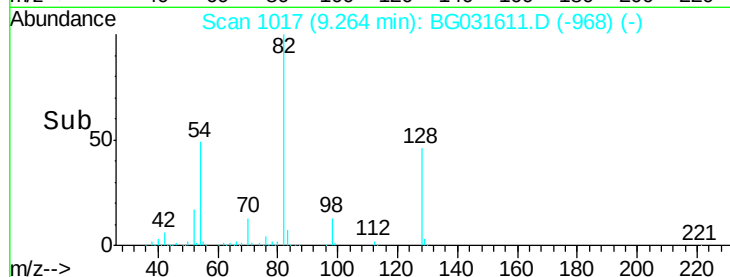
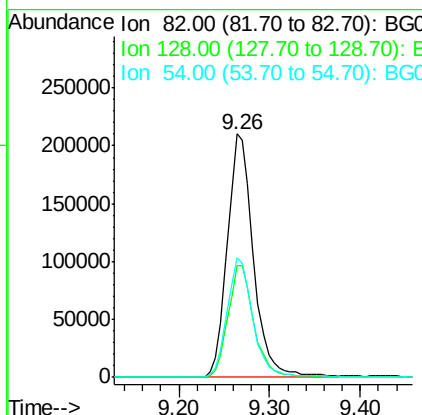
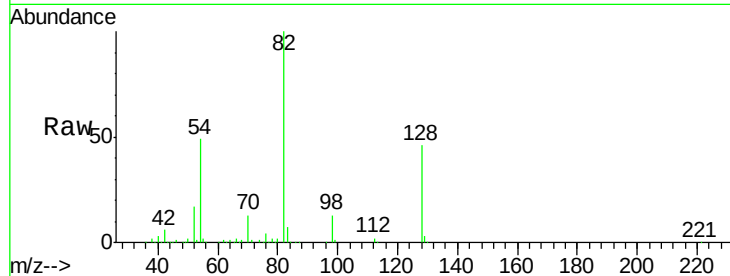




#23
 Nitrobenzene-d5
 Concen: 88.364 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG031611.D
 Acq: 16 Dec 2017 5:36

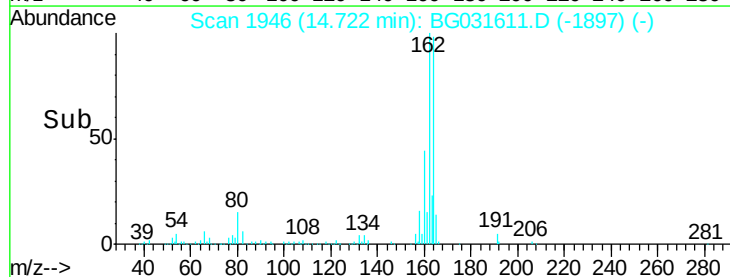
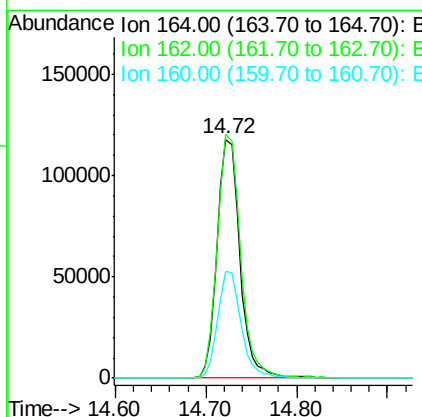
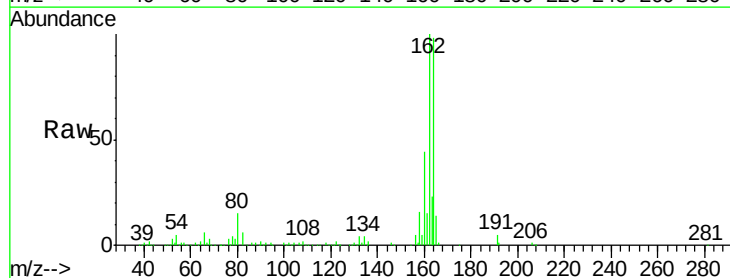
Instrument :
 BNA_G
 ClientSampleId :
 120817-TIDO-F-D-S

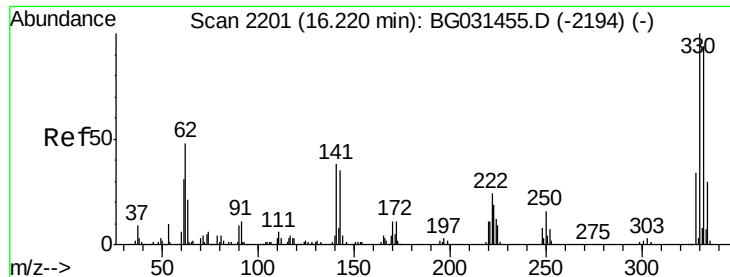
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	29.7	44.5#
54	49.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031611.D
 Acq: 16 Dec 2017 5:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.8	118.2
160	44.5	35.4	53.0

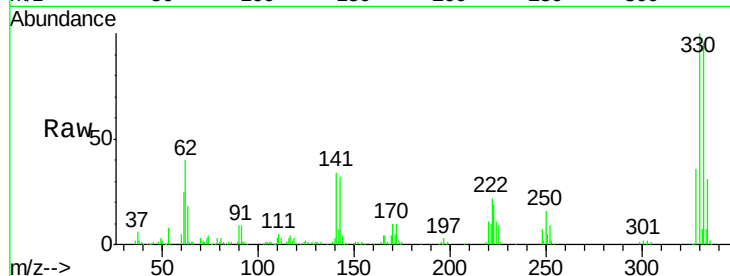




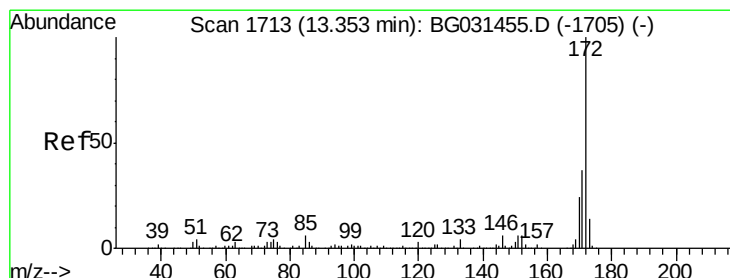
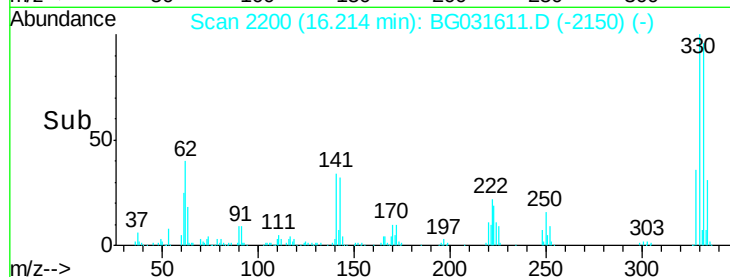
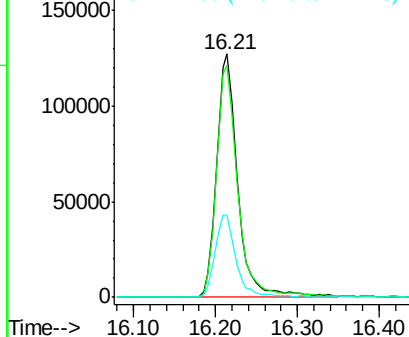
#41
 2,4,6-Tribromophenol
 Concen: 94.997 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031611.D
 Acq: 16 Dec 2017 5:36

Instrument :
 BNA_G
 ClientSampleId :
 120817-TIDO-F-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.6	25.2	37.8

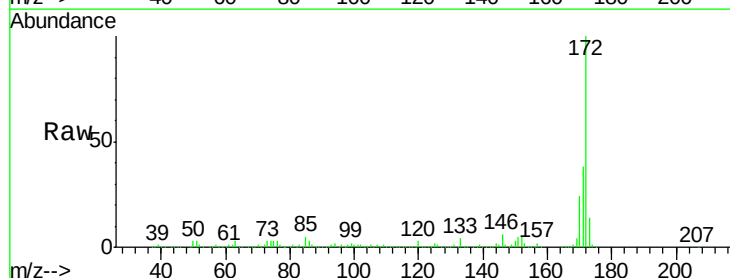


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

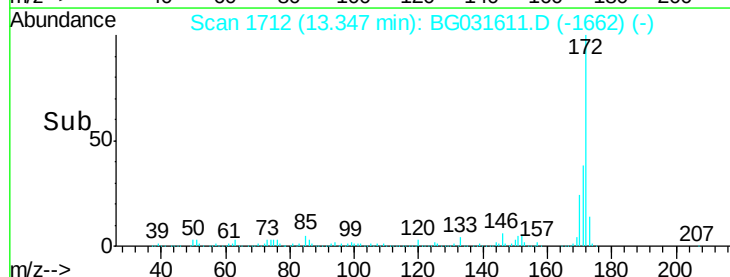
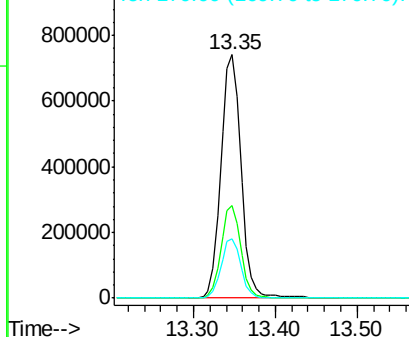


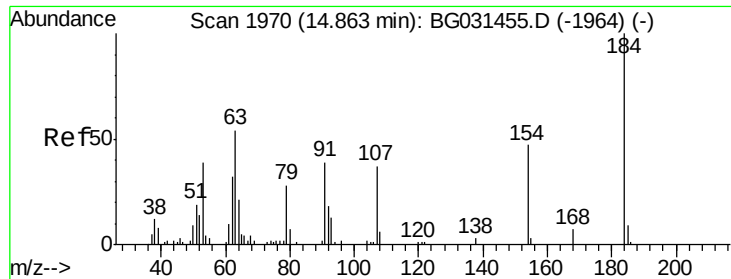
#44
 2-Fluorobiphenyl
 Concen: 90.681 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031611.D
 Acq: 16 Dec 2017 5:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.2	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

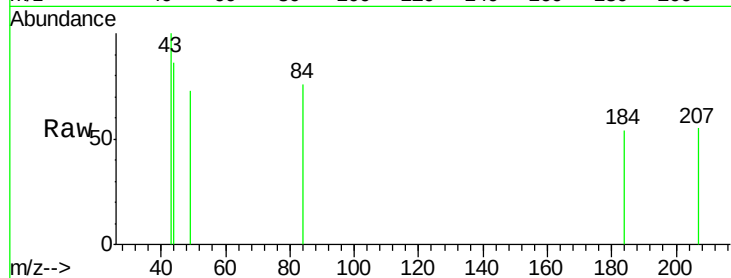




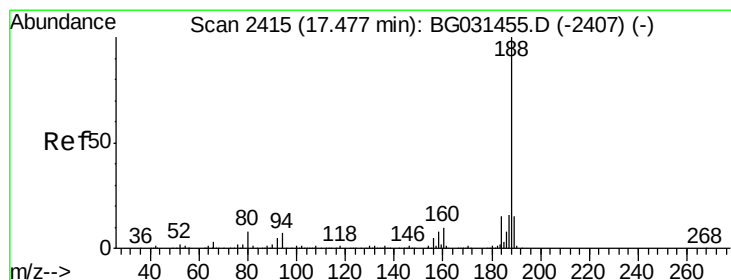
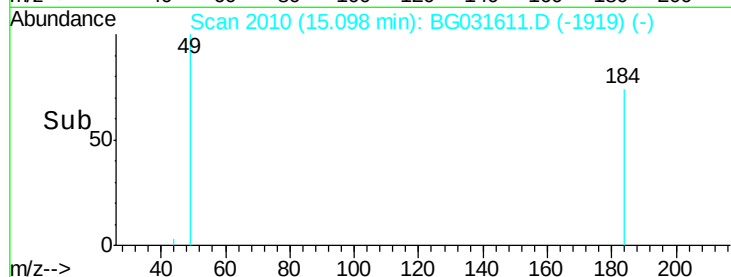
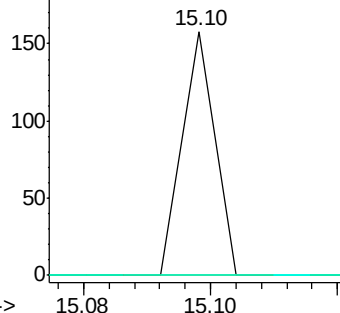
#53
 2,4-Dinitrophenol
 Concen: 9.084 ng
 RT: 15.10 min Scan# 2010
 Delta R.T. 0.24 min
 Lab File: BG031611.D
 Acq: 16 Dec 2017 5:36

Instrument :
 BNA_G
 ClientSampleId :
 120817-TIDO-F-D-S

Tgt Ion:184 Resp: 56
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

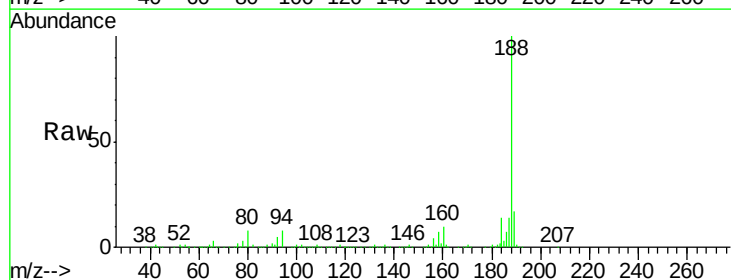


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

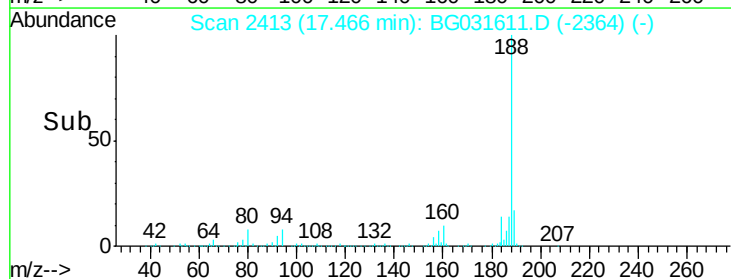
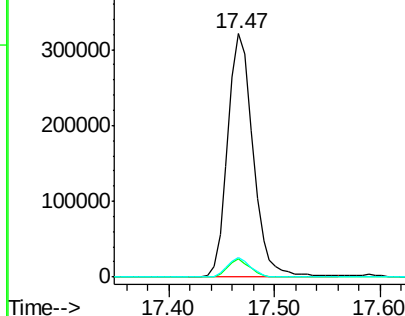


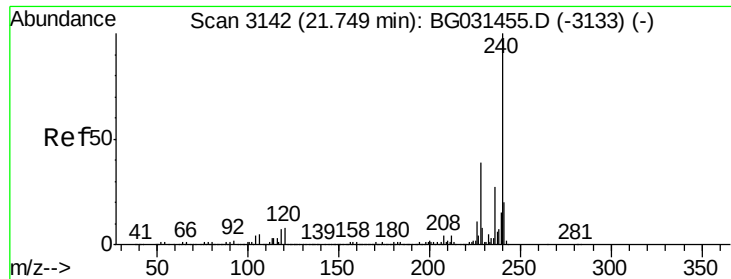
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG031611.D
 Acq: 16 Dec 2017 5:36

Tgt Ion:188 Resp: 535893
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.9 10.3
 80 8.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031611.D

Acq: 16 Dec 2017 5:36

Instrument :

BNA_G

ClientSampleId :

120817-TIDO-F-D-S

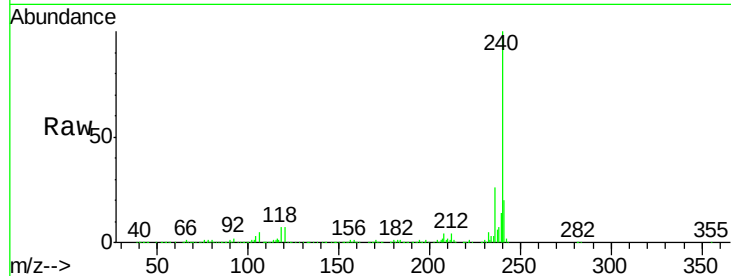
Tgt Ion:240 Resp: 608018

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

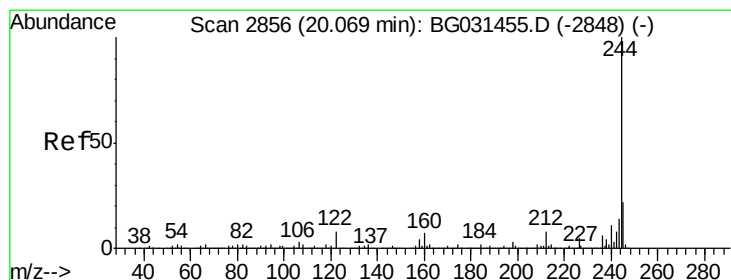
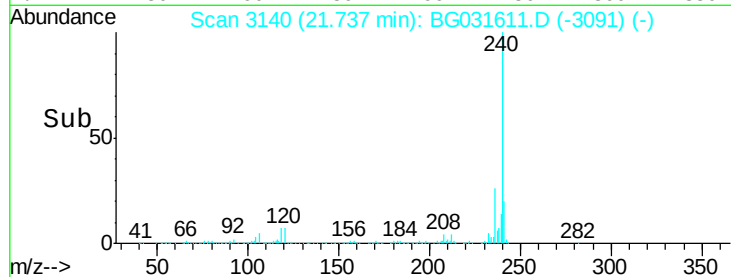
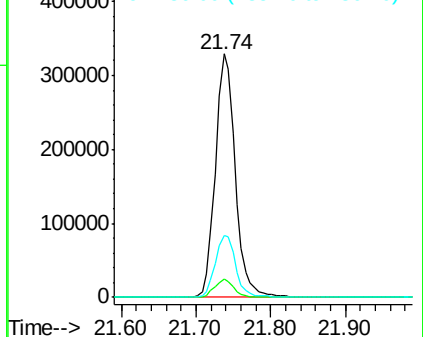
236 25.6 20.9 31.3



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: 81.558 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031611.D

Acq: 16 Dec 2017 5:36

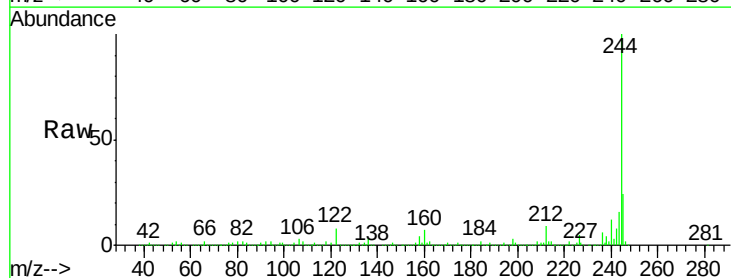
Tgt Ion:244 Resp: 2179566

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

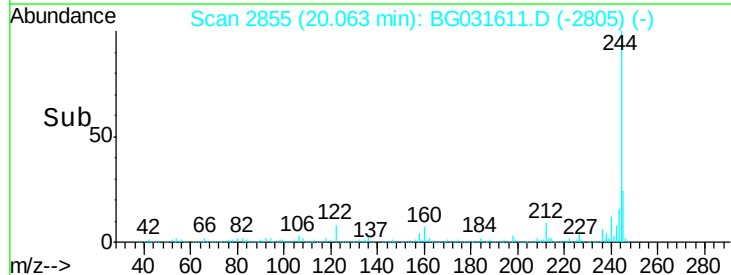
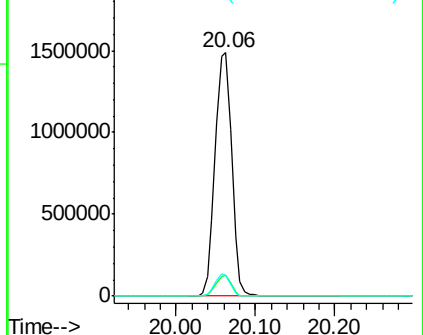
122 8.5 7.0 10.4

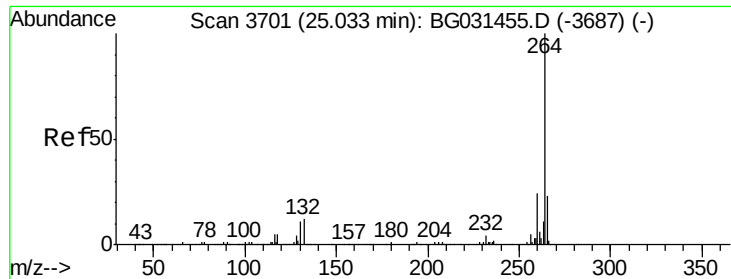


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3698
Delta R.T. -0.02 min
Lab File: BG031611.D
Acq: 16 Dec 2017 5:36

Instrument :
BNA_G
ClientSampleId :
120817-TIDO-F-D-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	22.7	17.7	26.5

