

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
 Data File : BG031313.D
 Acq On : 1 Dec 2017 7:06
 Operator : SJ/JU
 Sample : I6636-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112917-TIDO-E-U-B

Quant Time: Dec 01 07:40:27 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	8.13	152	69196	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	286305	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	188882	20.00	ng	-0.03
63) Phenanthrene-d10	17.49	188	498092	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	568017	20.00	ng	-0.02
86) Perylene-d12	25.06	264	558141	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	200927	49.79	ng	-0.02
7) Phenol-d6	7.30	99	160107	29.45	ng	0.00
23) Nitrobenzene-d5	9.30	82	458754	94.95	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	264048	86.42	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	1340495	101.98	ng	-0.03
78) Terphenyl-d14	20.08	244	2205707	85.74	ng	-0.01

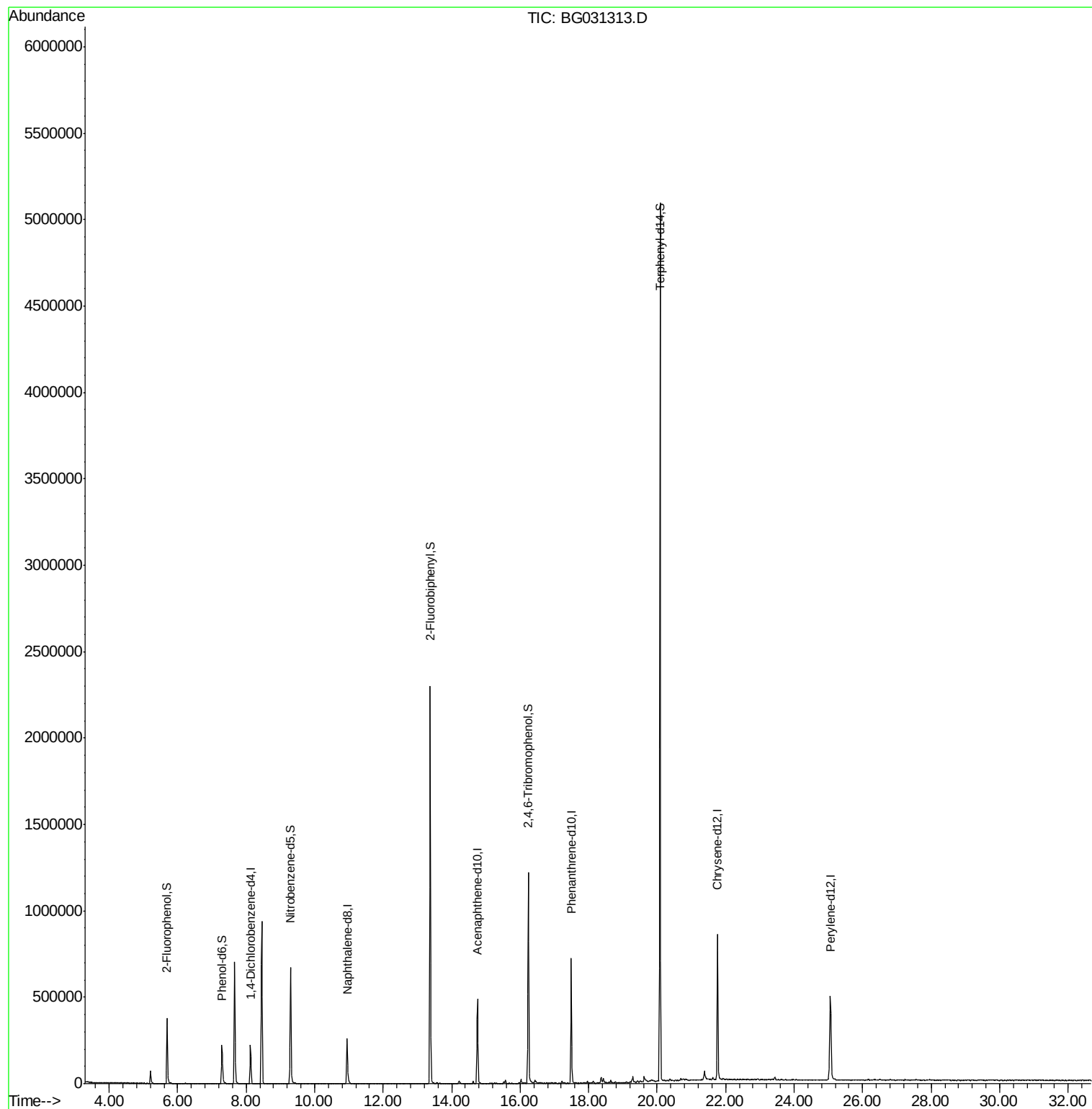
Target Compounds Qvalue

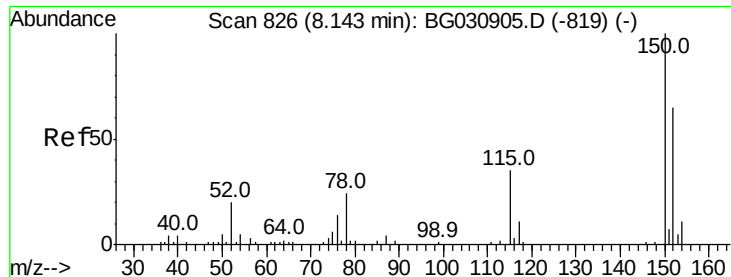
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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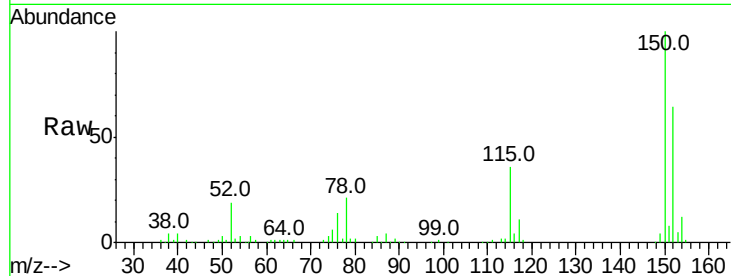


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031313.D
Acq: 1 Dec 2017 7:06

Instrument :
BNA_G
ClientSampleId :
112917-TIDO-E-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.6	189.8
115	57.0	53.0	79.4

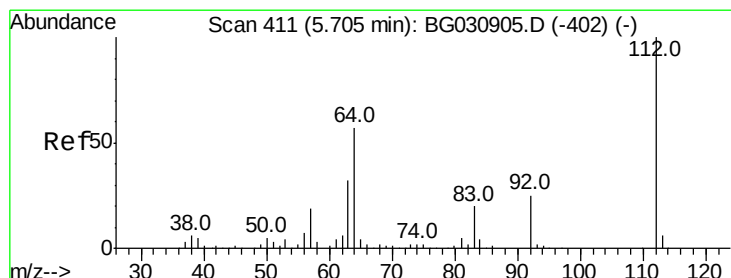
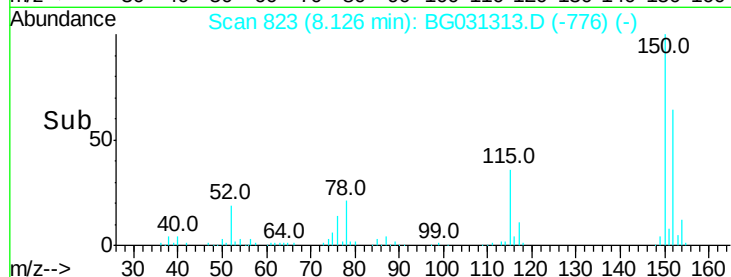
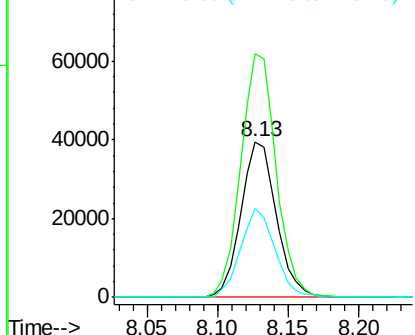


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

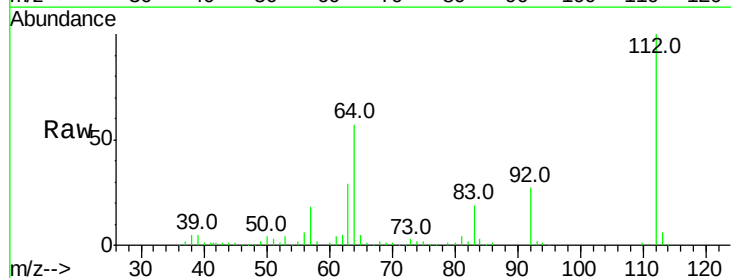
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.792 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031313.D
Acq: 1 Dec 2017 7:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	56.3	84.5
63	29.4	30.1	45.1

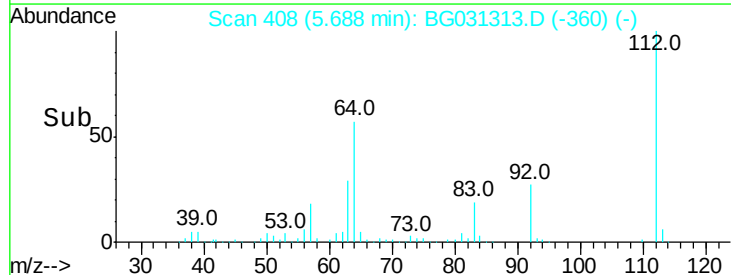
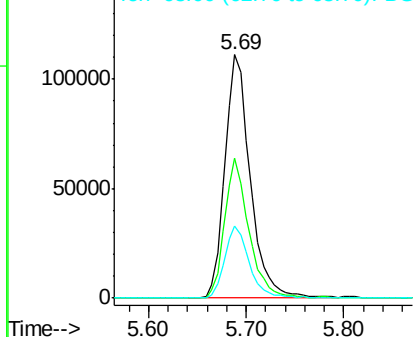


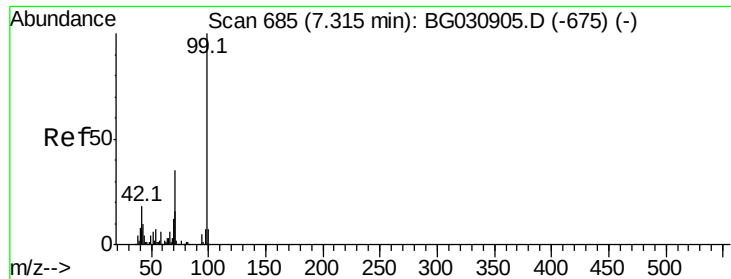
Abundance

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: 29.451 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031313.D

Acq: 1 Dec 2017 7:06

Instrument :

BNA_G

ClientSampleId :

112917-TIDO-E-U-B

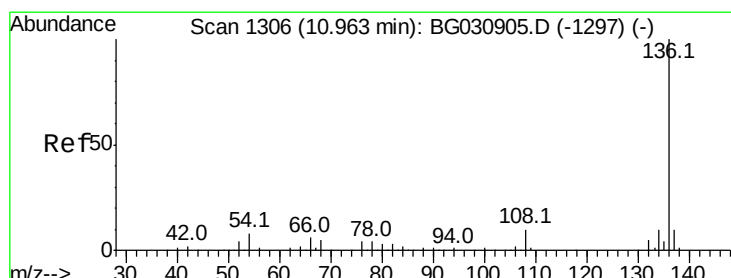
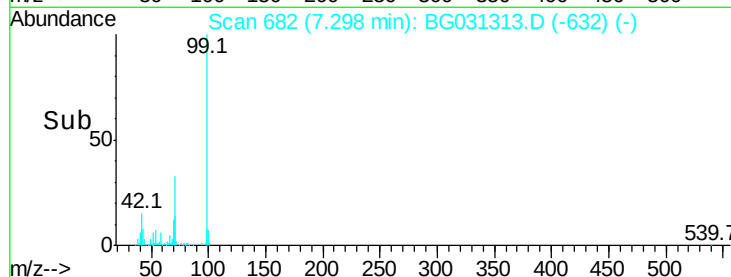
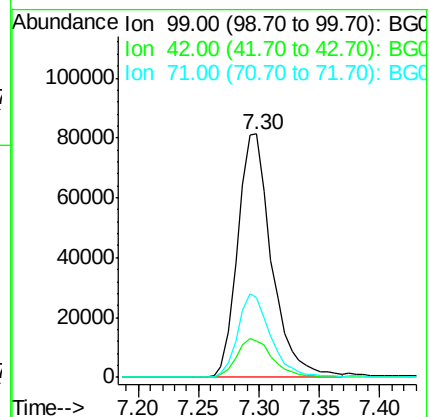
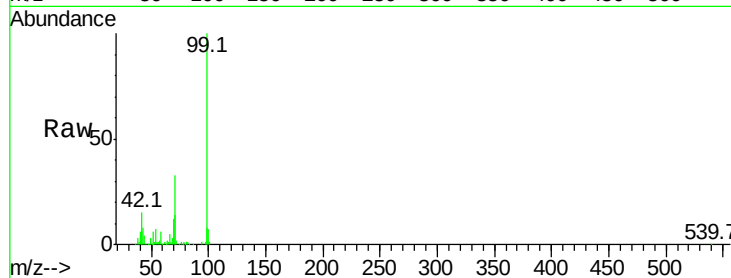
Tot Ion: 99 Resp: 160107

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

71 32.8 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031313.D

Acq: 1 Dec 2017 7:06

Tgt Ion: 136 Resp: 286305

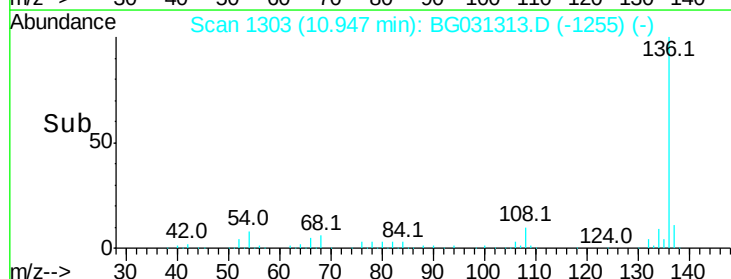
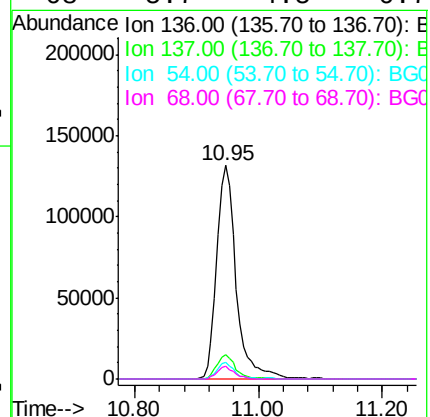
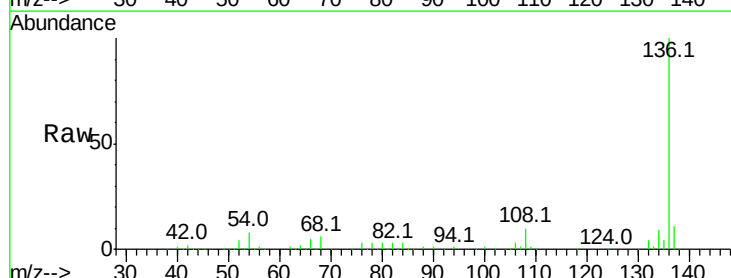
Ion Ratio Lower Upper

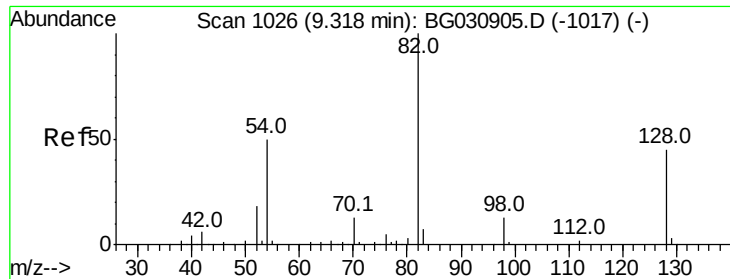
136 100

137 11.3 9.2 13.8

54 7.5 10.3 15.5#

68 5.7 4.5 6.7

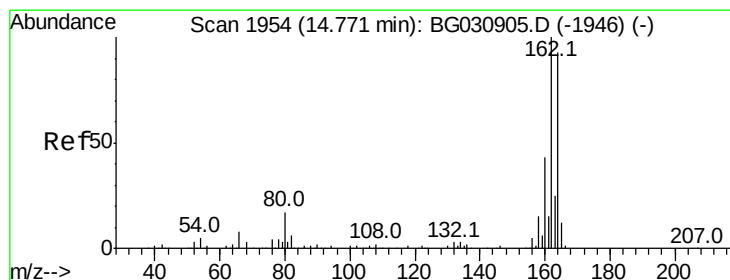
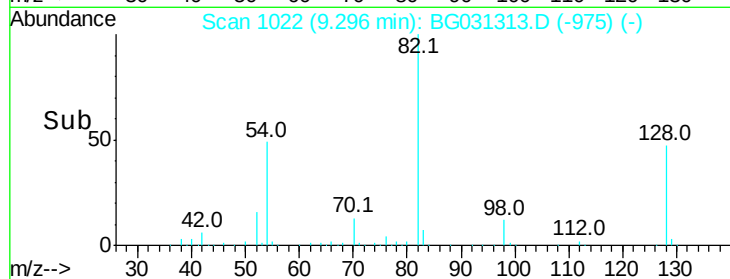
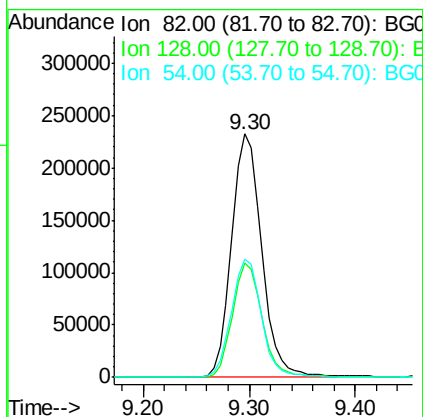
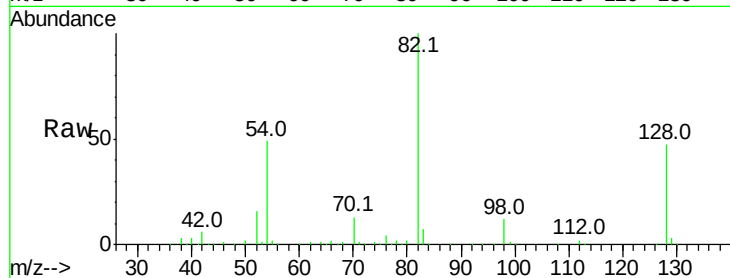




#23
 Nitrobenzene-d5
 Concen: 94.948 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG031313.D
 Acq: 1 Dec 2017 7:06

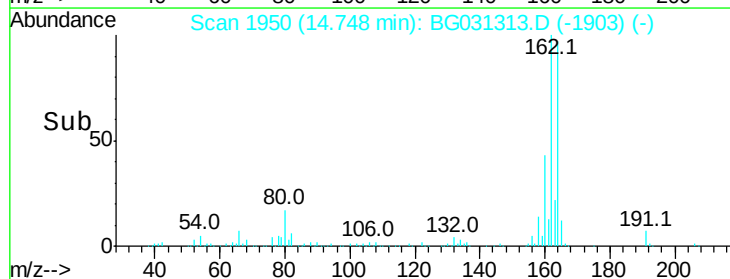
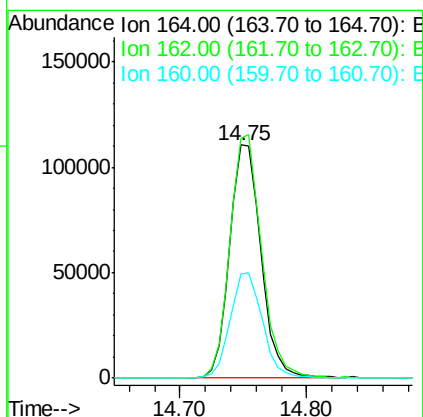
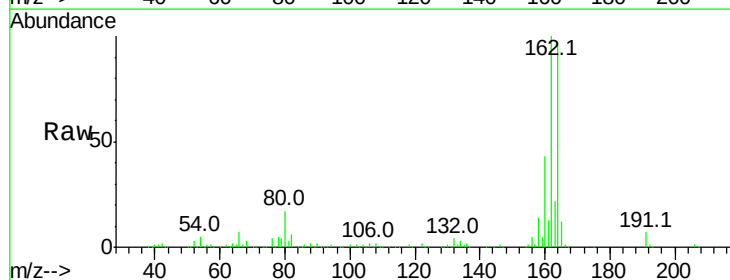
Instrument :
 BNA_G
 ClientSampleId :
 112917-TIDO-E-U-B

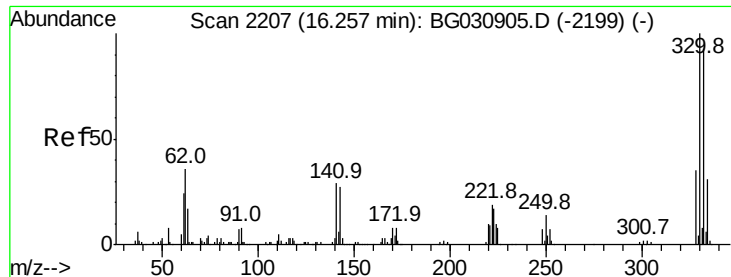
Tot Ion: 82 Resp: 458754
 Ion Ratio Lower Upper
 82 100
 128 46.9 29.7 44.5#
 54 48.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.03 min
 Lab File: BG031313.D
 Acq: 1 Dec 2017 7:06

Tgt Ion: 164 Resp: 188882
 Ion Ratio Lower Upper
 164 100
 162 102.9 78.8 118.2
 160 44.6 35.4 53.0

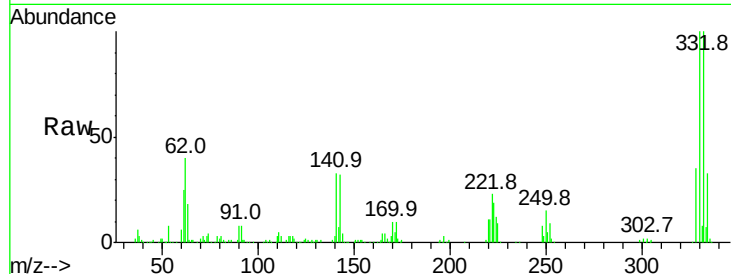




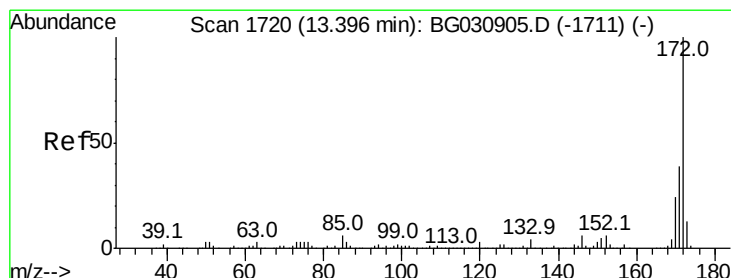
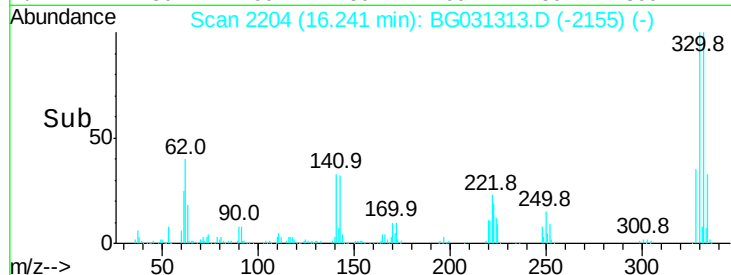
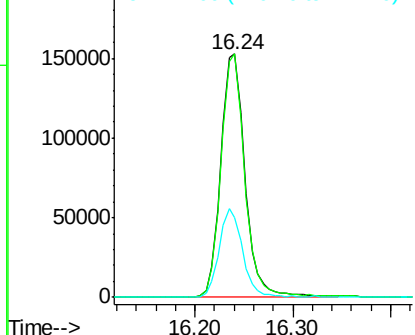
#41
 2,4,6-Tribromophenol
 Concen: 86.417 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG031313.D
 Acq: 1 Dec 2017 7:06

Instrument :
 BNA_G
 ClientSampleId :
 112917-TIDO-E-U-B

Tot Ion:330 Resp: 264048
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.6
 141 35.2 25.2 37.8

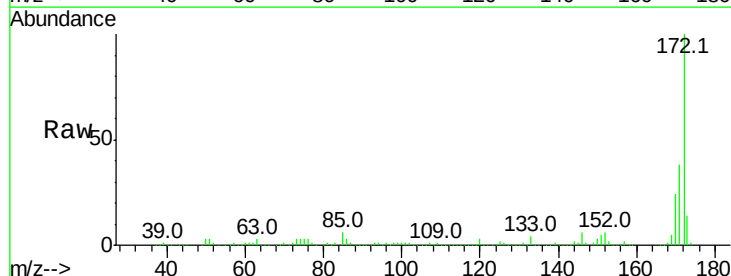


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

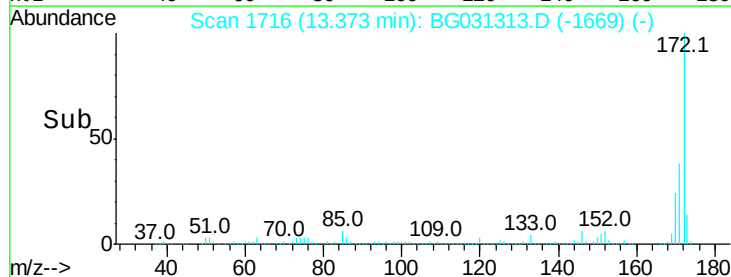
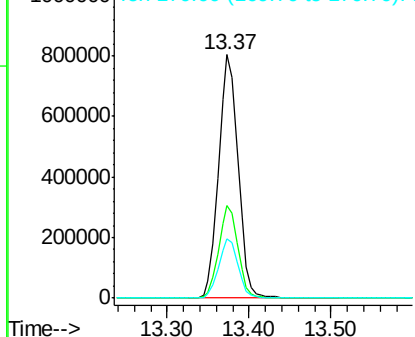


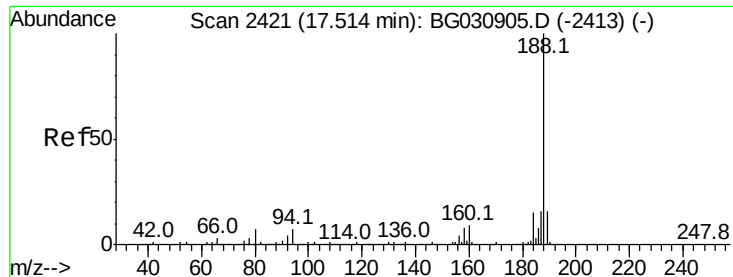
#44
 2-Fluorobiphenyl
 Concen: 101.976 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031313.D
 Acq: 1 Dec 2017 7:06

Tgt Ion:172 Resp: 1340495
 Ion Ratio Lower Upper
 172 100
 171 38.0 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG031313.D

Acq: 1 Dec 2017 7:06

Instrument :

BNA_G

ClientSampleId :

112917-TIDO-E-U-B

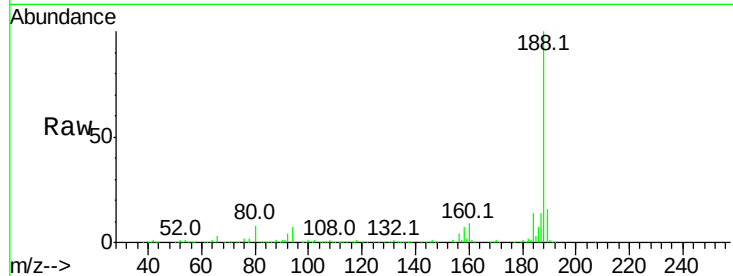
Tot Ion:188 Resp: 498092

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

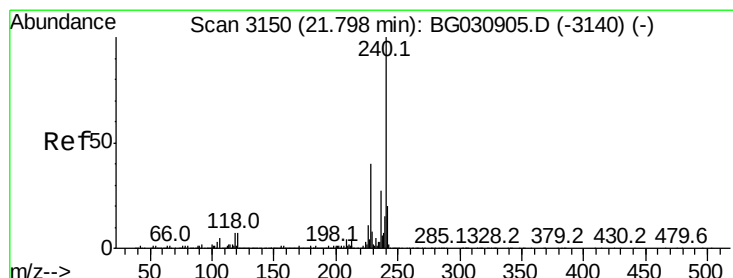
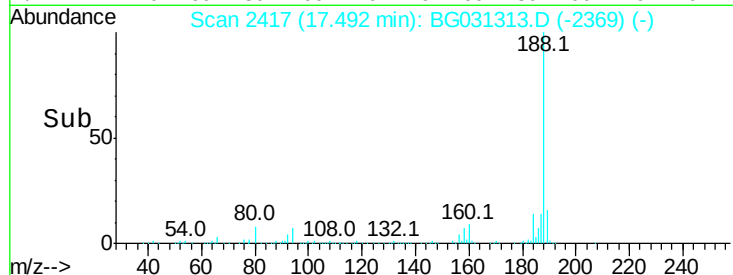
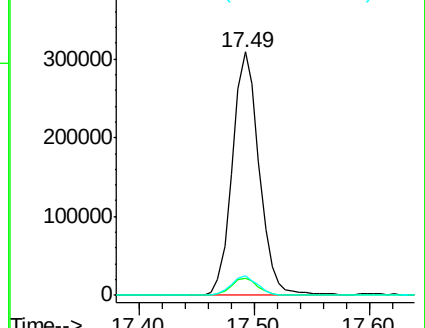
80 7.9 7.7 11.5



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: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031313.D

Acq: 1 Dec 2017 7:06

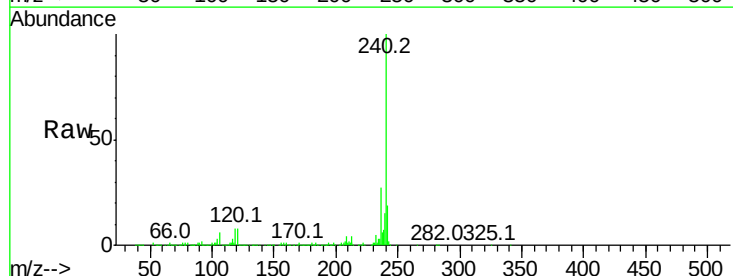
Tgt Ion:240 Resp: 568017

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

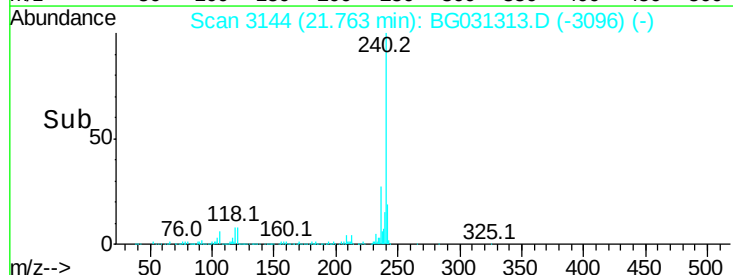
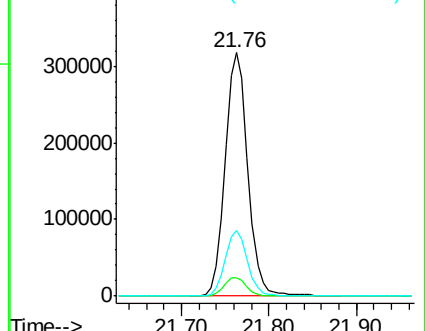
236 27.1 20.9 31.3

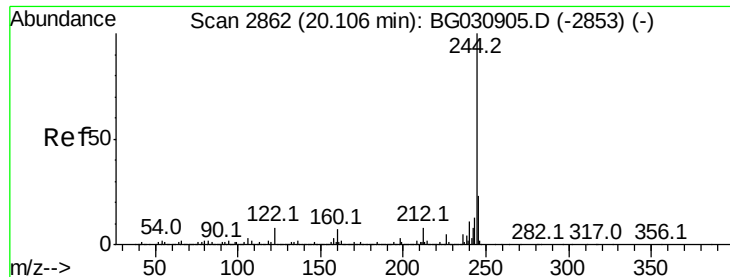


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.744 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031313.D

Acq: 1 Dec 2017 7:06

Instrument :

BNA_G

ClientSampleId :

112917-TIDO-E-U-B

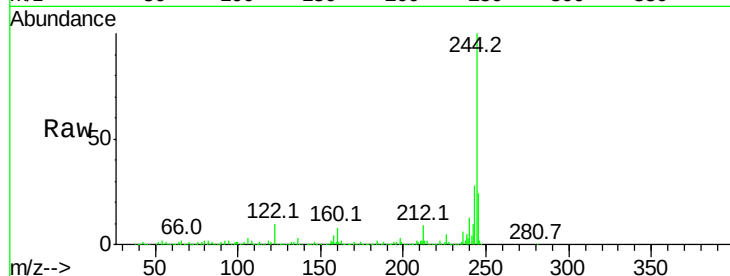
Tot Ion:244 Resp: 2205707

Ion Ratio Lower Upper

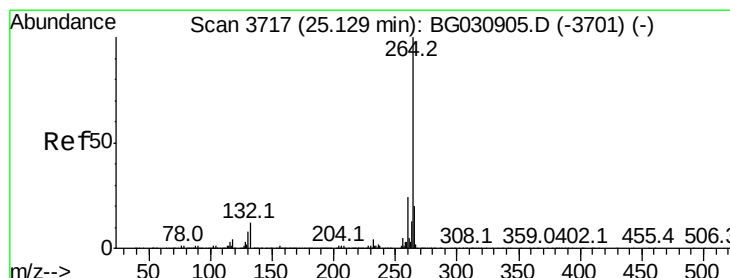
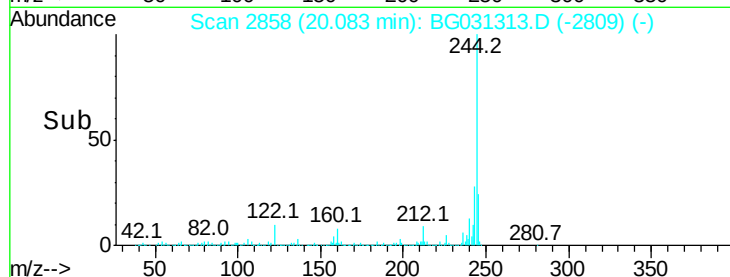
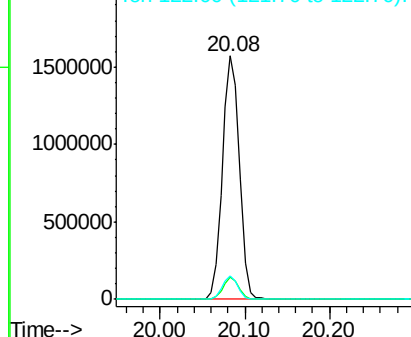
244 100

212 9.1 5.8 8.8#

122 9.7 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: 25.06 min Scan# 3705

Delta R.T. -0.03 min

Lab File: BG031313.D

Acq: 1 Dec 2017 7:06

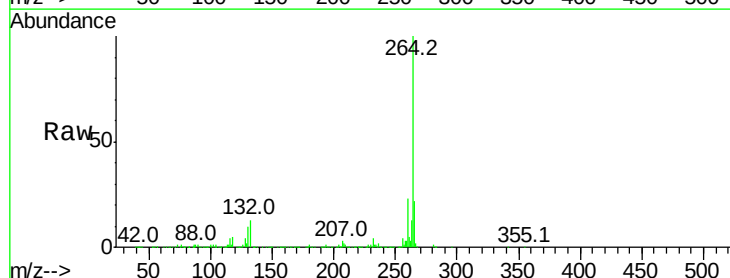
Tgt Ion:264 Resp: 558141

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 22.3 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

