

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 :

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

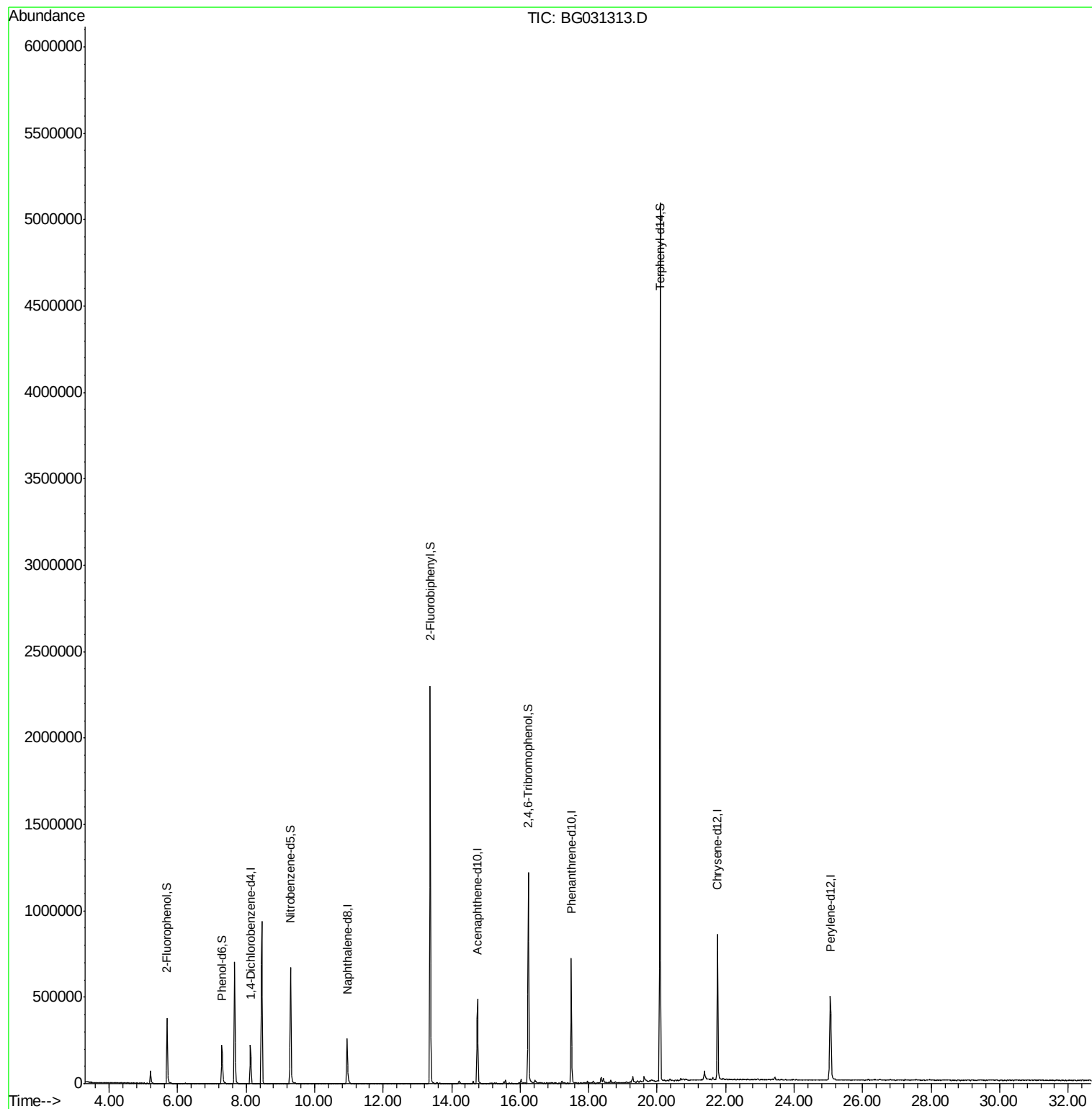
Target Compounds Qvalue

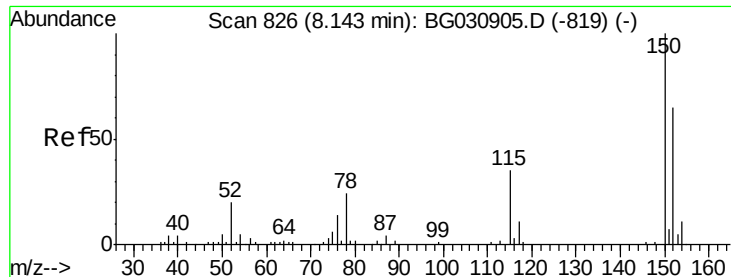
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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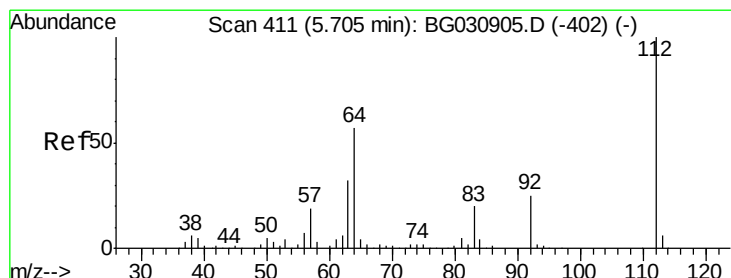
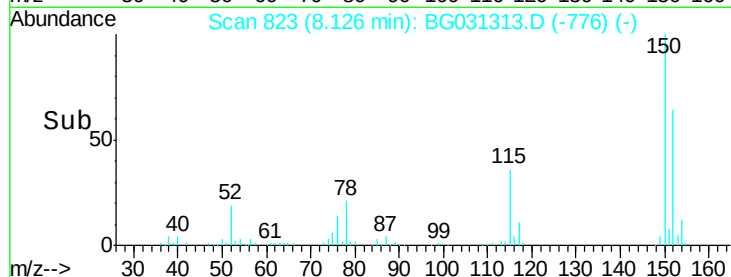
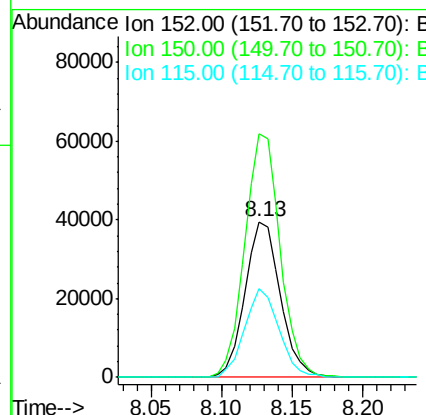
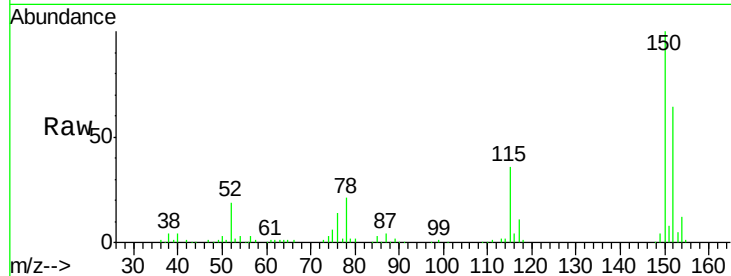


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 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 :

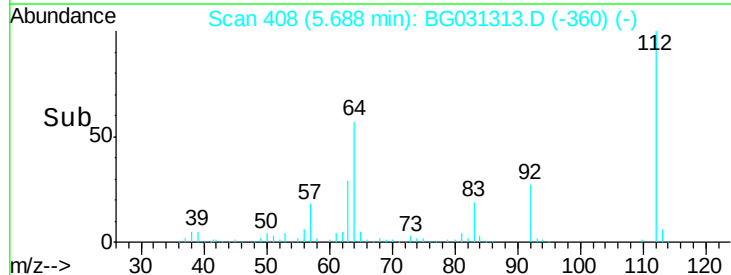
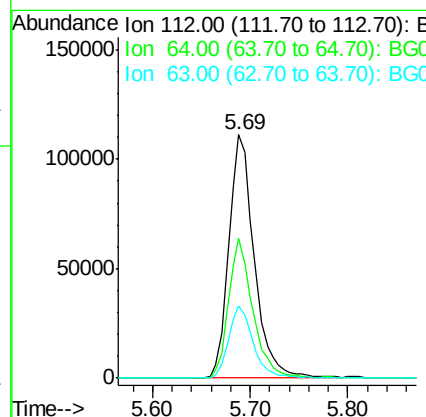
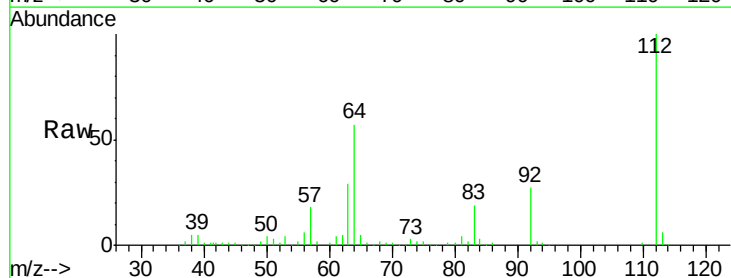
Tot Ion:152 Resp: 69196
Ion Ratio Lower Upper
152 100
150 156.8 126.6 189.8
115 57.0 53.0 79.4

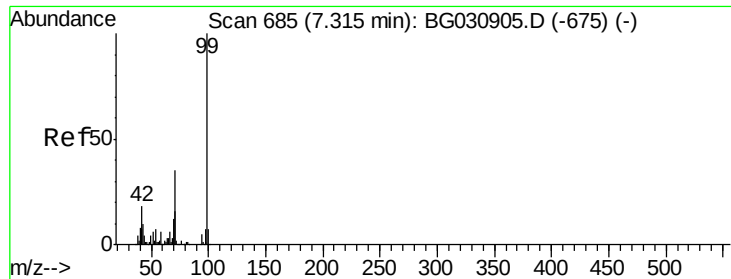


#5

2-Fluorophenol
Concen: 49.79 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:112 Resp: 200927
Ion Ratio Lower Upper
112 100
64 57.5 56.3 84.5
63 29.4 30.1 45.1#





#7

Phenol-d6

Concen: 29.45 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 :

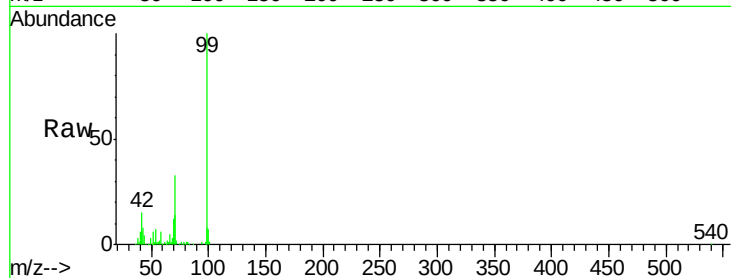
Tot Ion: 99 Resp: 160107

Ion Ratio Lower Upper

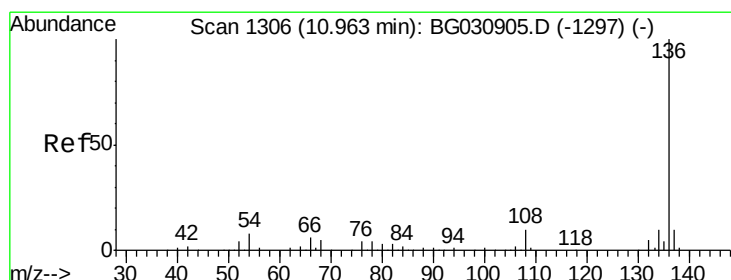
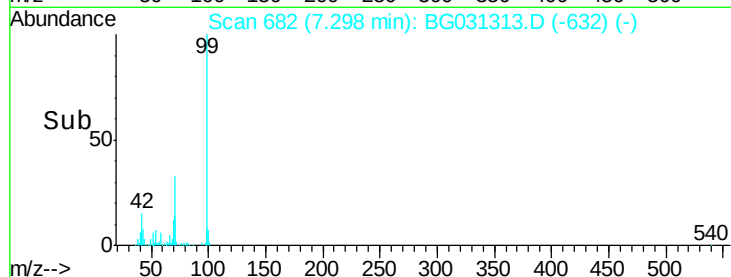
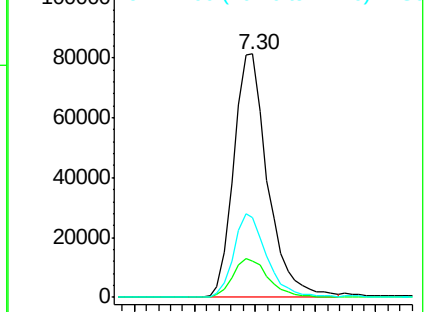
99 100

42 15.2 14.1 21.1

71 32.8 26.1 39.1



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: 20.00 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

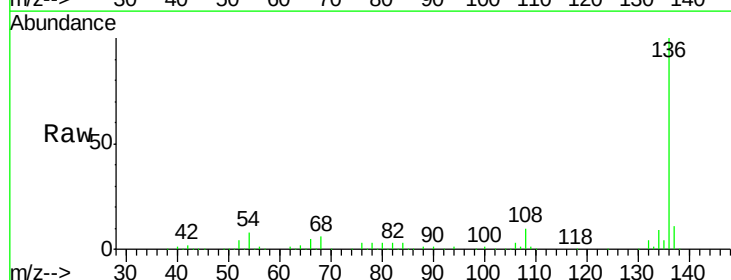
Ion Ratio Lower Upper

136 100

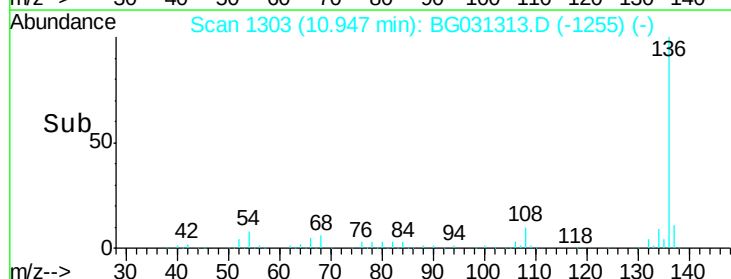
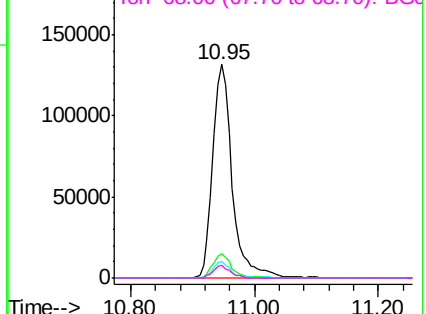
137 11.3 9.2 13.8

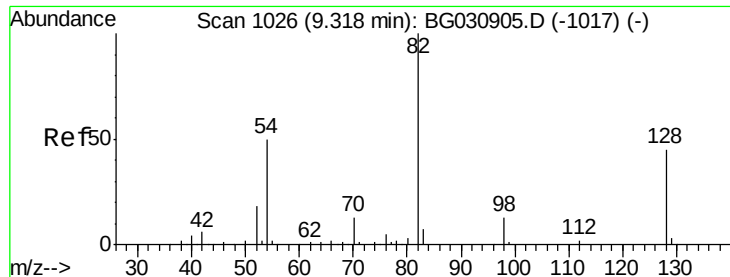
54 7.5 10.3 15.5#

68 5.7 4.5 6.7



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

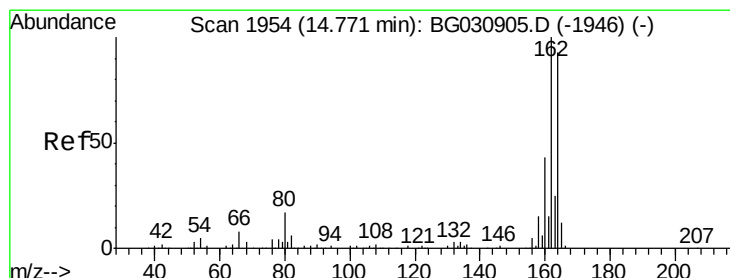
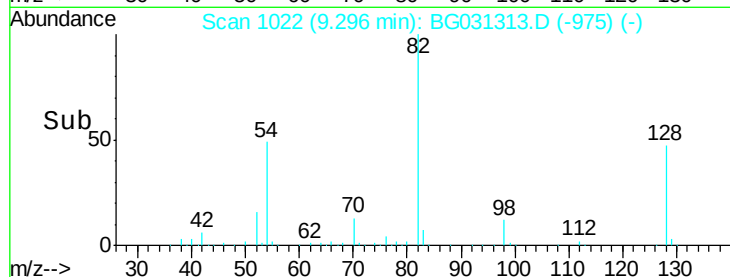
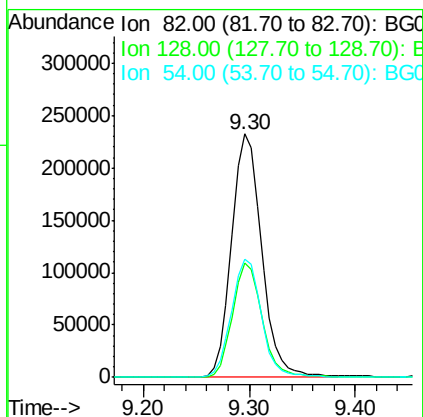
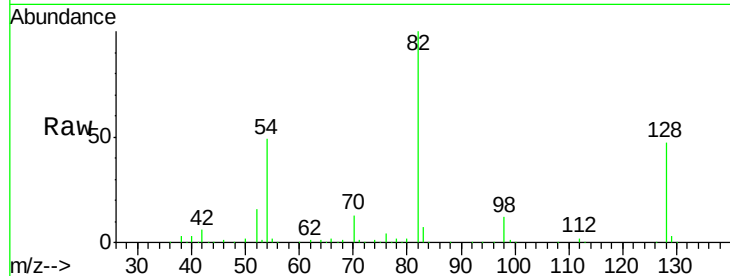




#23
Nitrobenzene-d5
Concen: 94.95 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031313.D
Acq: 1 Dec 2017 7:06

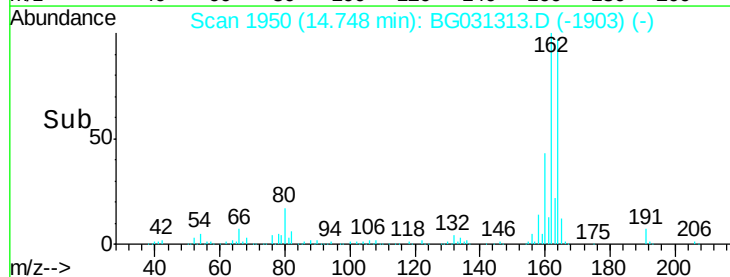
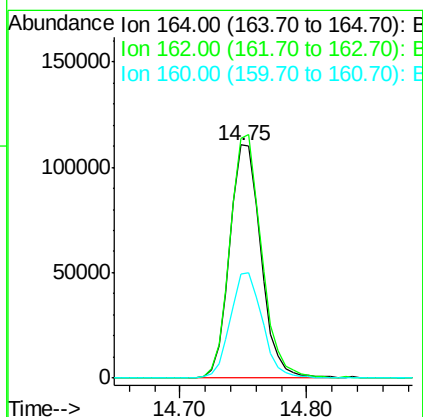
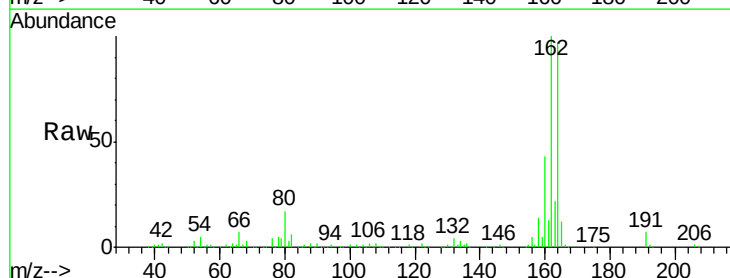
Instrument :
BNA_G
ClientSampleId :

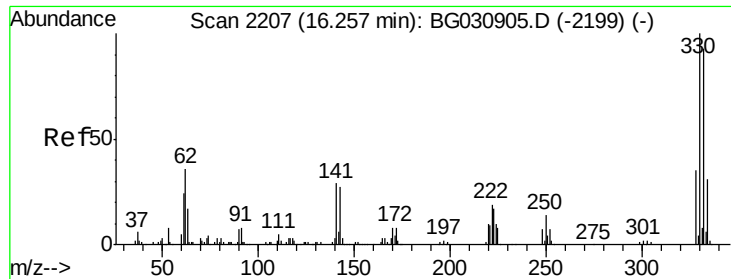
Tot Ion	82	Resp	458754
Ion Ratio	Lower	Upper	
82	100		
128	46.9	29.7	44.5#
54	48.7	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.00 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

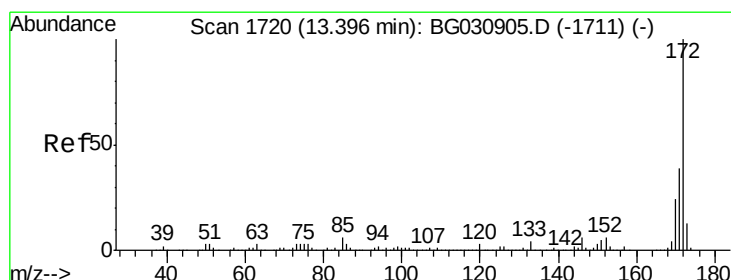
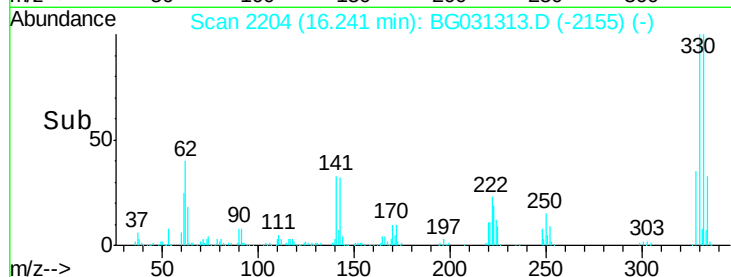
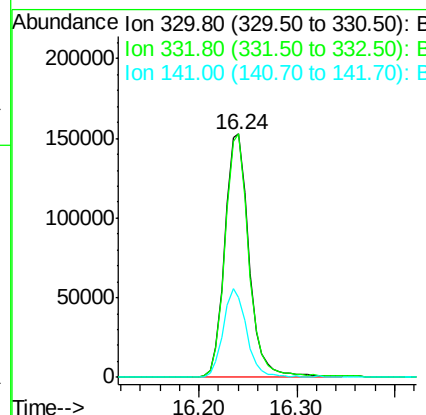
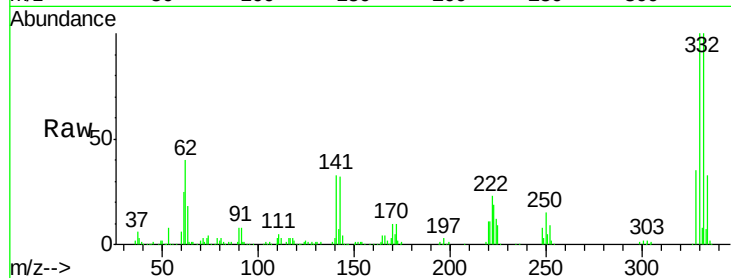




#41
 2,4,6-Tribromophenol
 Concen: 86.42 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG031313.D
 Acq: 1 Dec 2017 7:06

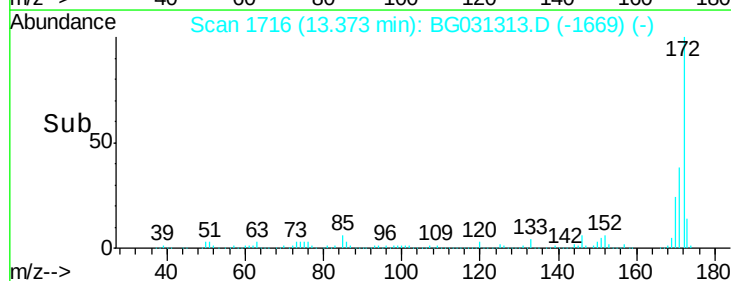
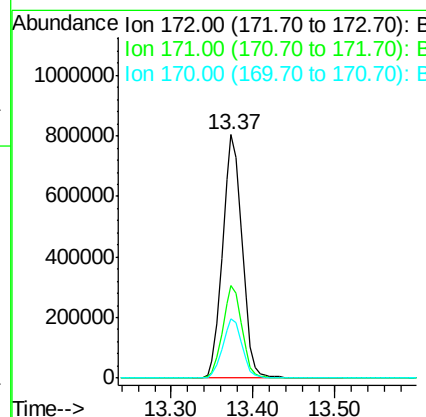
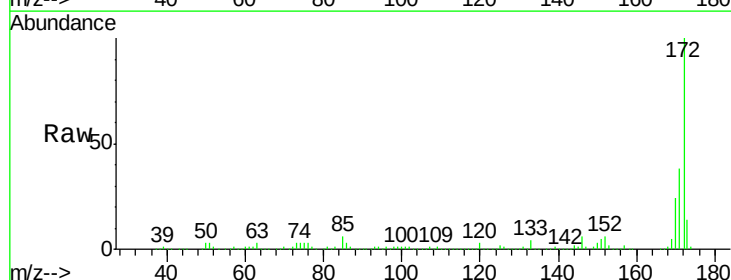
Instrument :
 BNA_G
 ClientSampleId :

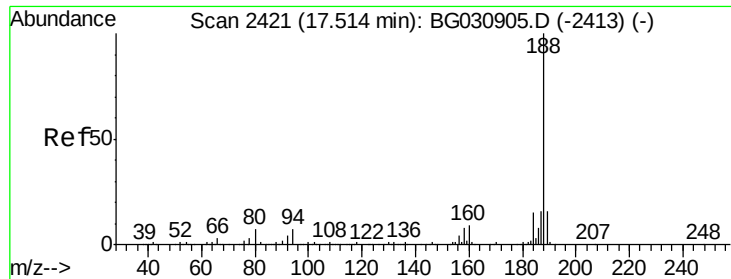
Tot Ion:330 Resp: 264048
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.6
 141 35.2 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 101.98 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

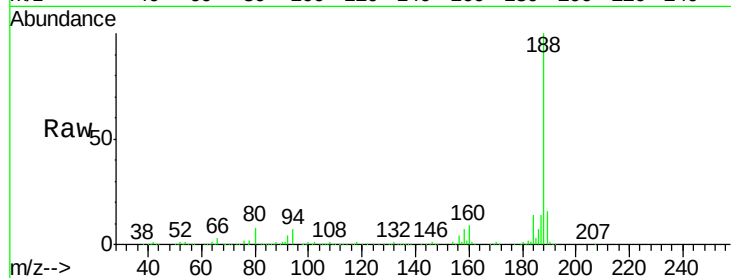




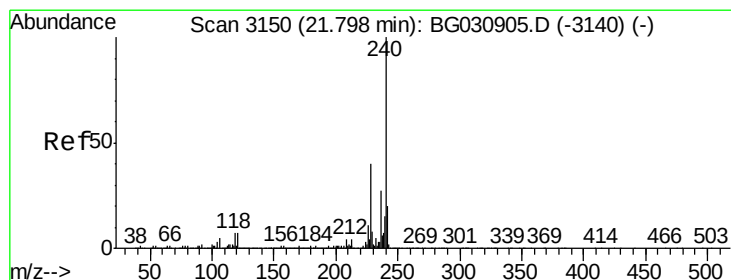
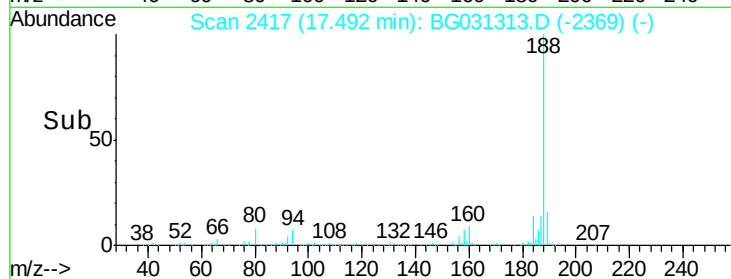
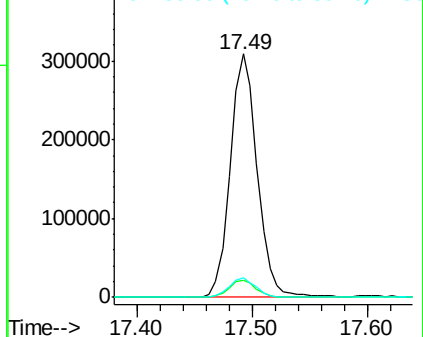
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031313.D
Acq: 1 Dec 2017 7:06

Instrument :
BNA_G
ClientSampleId :

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

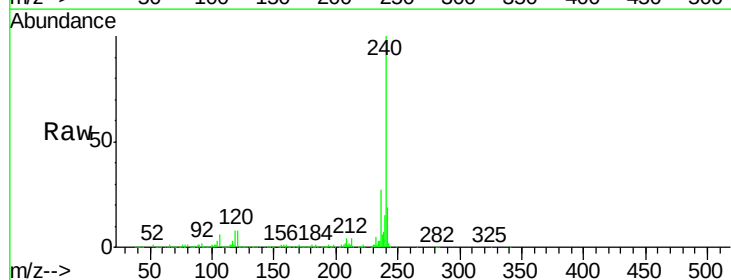


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

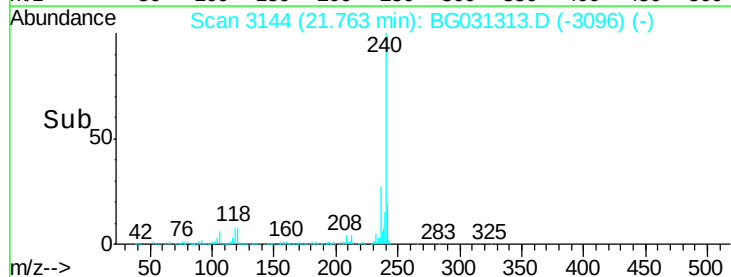
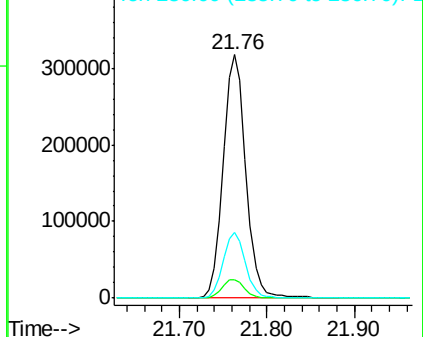


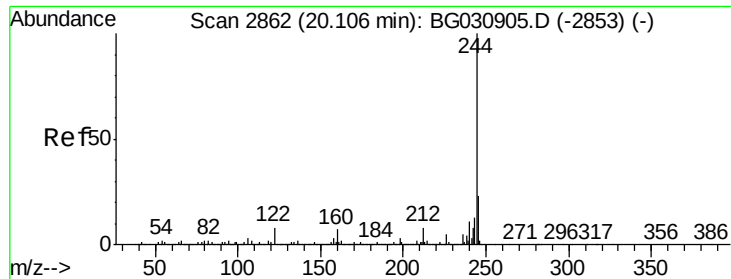
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031313.D
Acq: 1 Dec 2017 7:06

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: 85.74 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031313.D

Acq: 1 Dec 2017 7:06

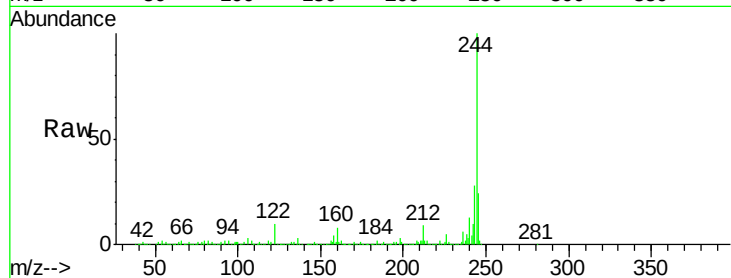
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2205707

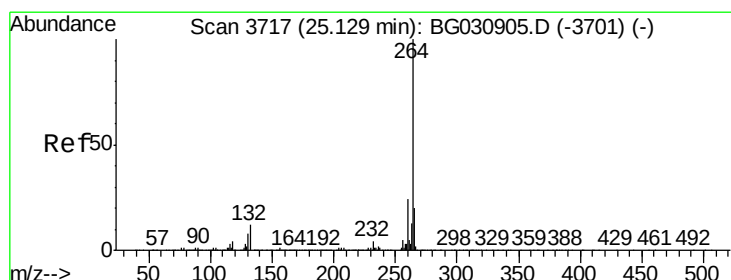
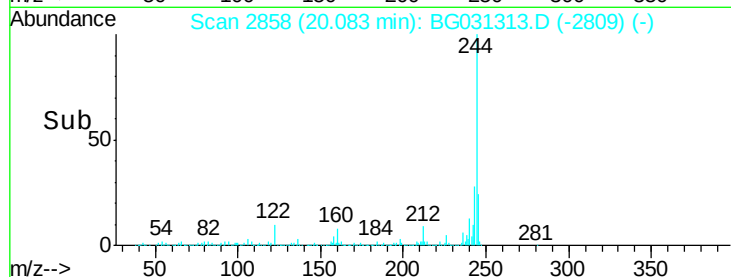
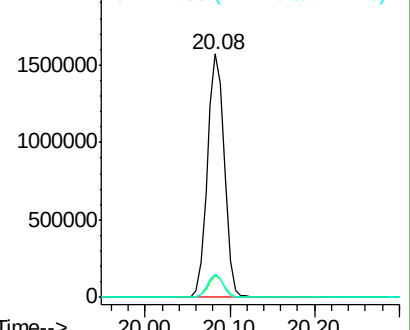
Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	9.7	7.0	10.4



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: 20.00 ng

RT: 25.06 min Scan# 3705

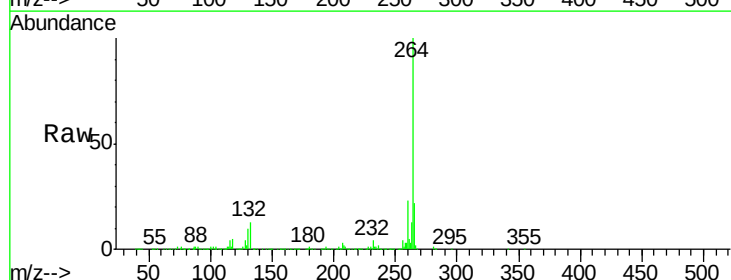
Delta R.T. -0.03 min

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

