

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
 Data File : BG031305.D
 Acq On : 1 Dec 2017 2:00
 Operator : SJ/JU
 Sample : I6635-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 01 03:20:23 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	65472	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	268914	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	176121	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	460497	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	551366	20.00	ng	-0.02
86) Perylene-d12	25.06	264	533493	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	155325	40.68	ng	-0.01
7) Phenol-d6	7.30	99	123588	24.03	ng	0.00
23) Nitrobenzene-d5	9.29	82	390505	86.05	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	213579	74.96	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1135185	92.61	ng	-0.03
78) Terphenyl-d14	20.08	244	1922621	77.00	ng	-0.02

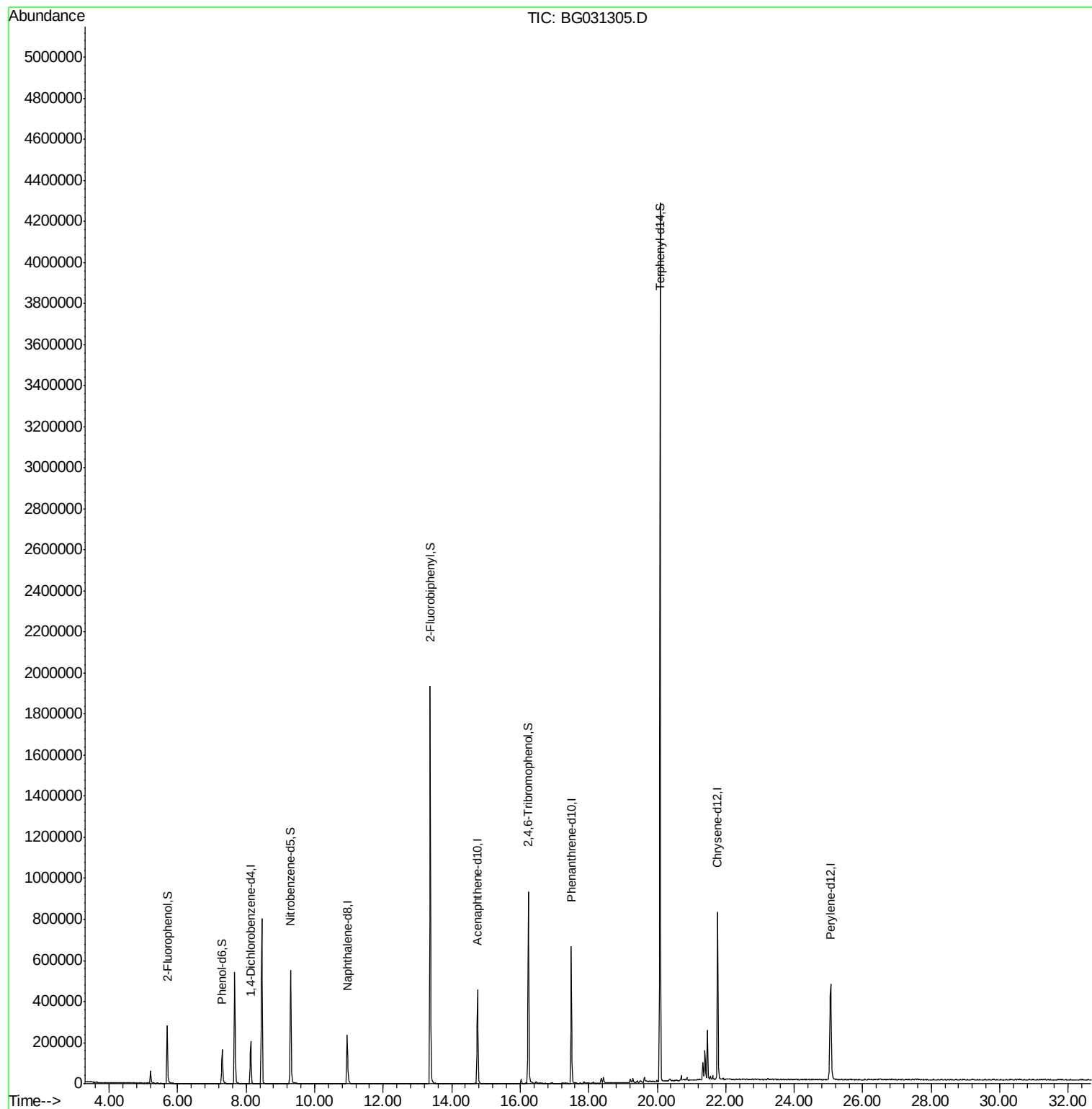
Target Compounds Qvalue

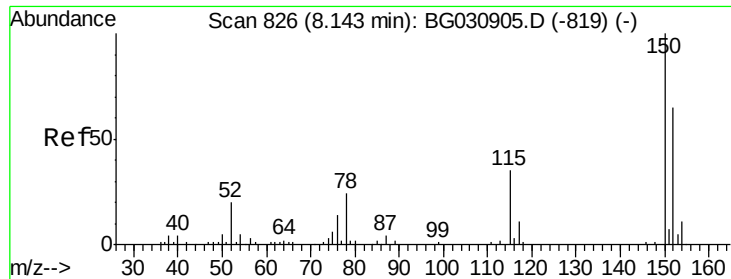
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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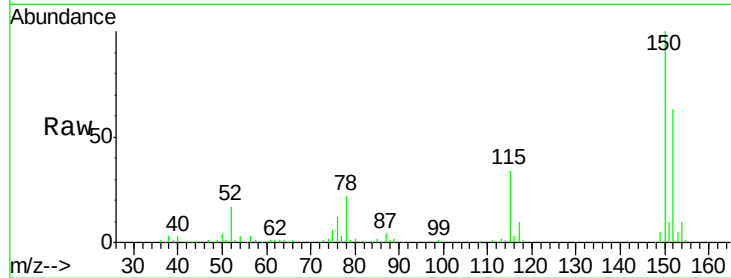


#1

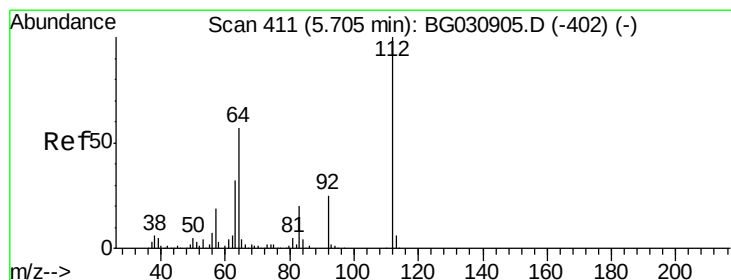
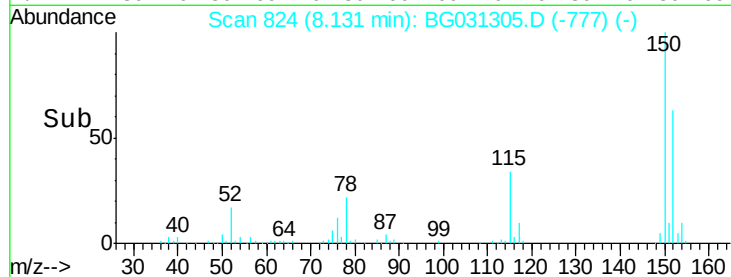
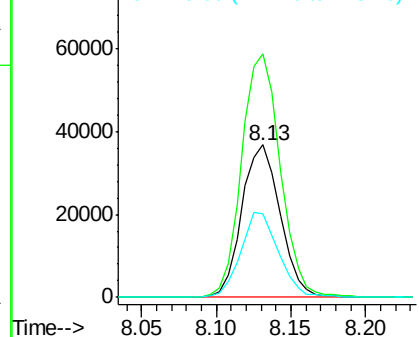
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031305.D
Acq: 1 Dec 2017 2:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65472
Ion Ratio Lower Upper
152 100
150 159.8 126.6 189.8
115 54.6 53.0 79.4



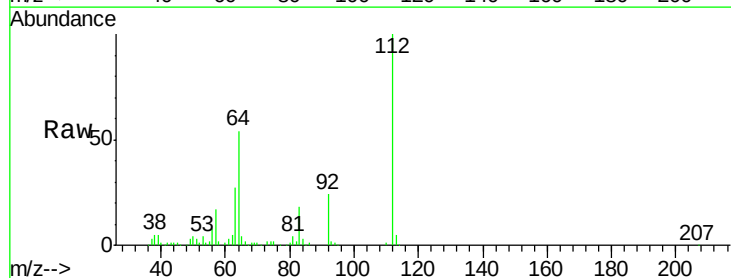
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



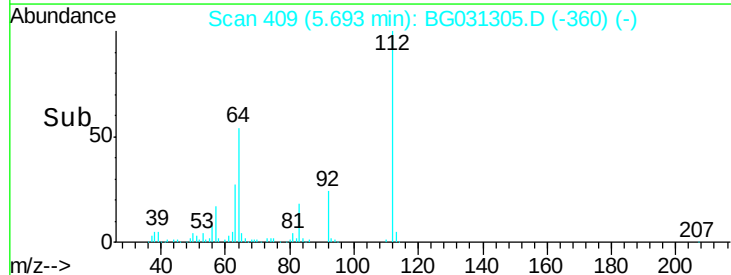
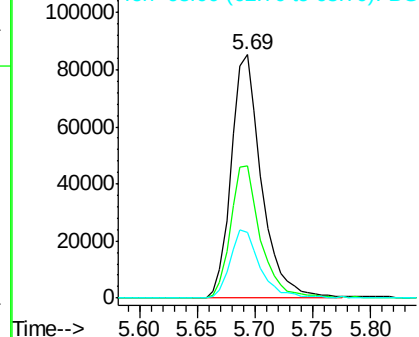
#5

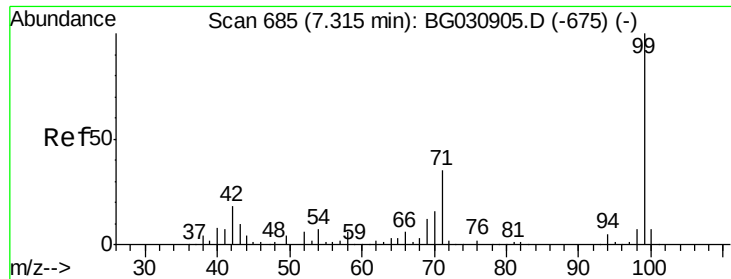
2-Fluorophenol
Concen: 40.68 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.01 min
Lab File: BG031305.D
Acq: 1 Dec 2017 2:00

Tgt Ion:112 Resp: 155325
Ion Ratio Lower Upper
112 100
64 54.4 56.3 84.5#
63 27.2 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 24.03 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031305.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_G

ClientSampleId :

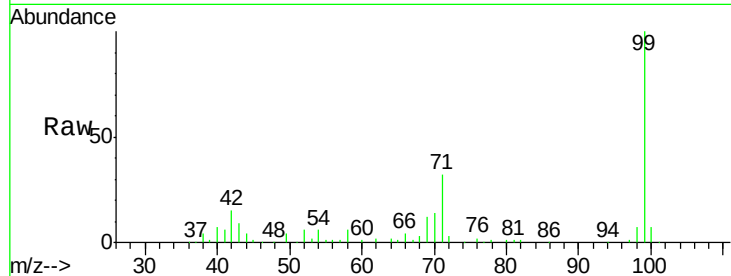
Tot Ion: 99 Resp: 123588

Ion Ratio Lower Upper

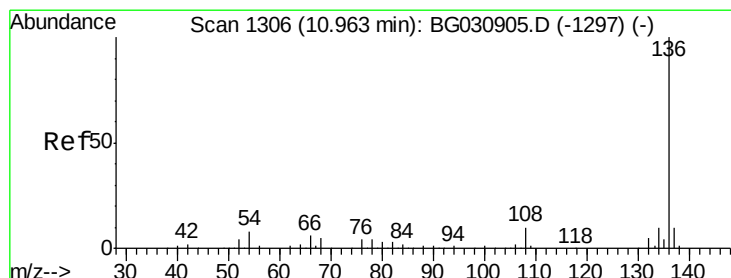
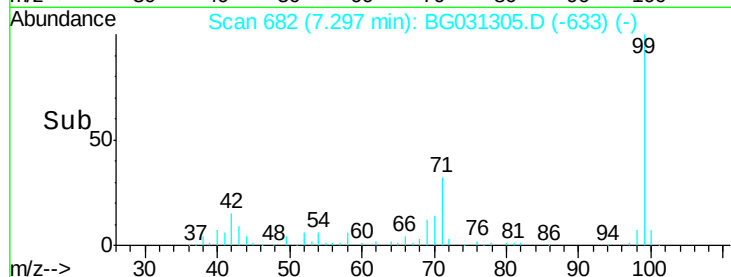
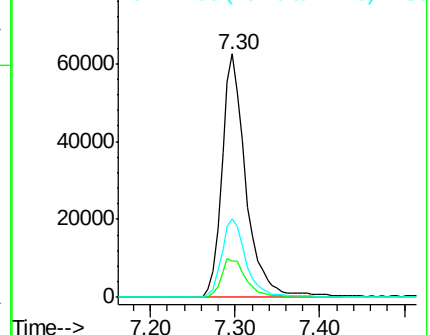
99 100

42 14.7 14.1 21.1

71 32.1 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: BG031305.D

Acq: 1 Dec 2017 2:00

Tgt Ion: 136 Resp: 268914

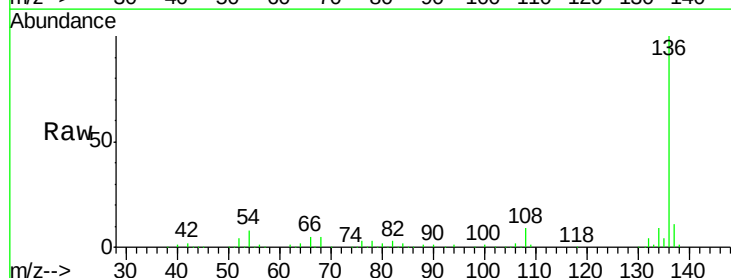
Ion Ratio Lower Upper

136 100

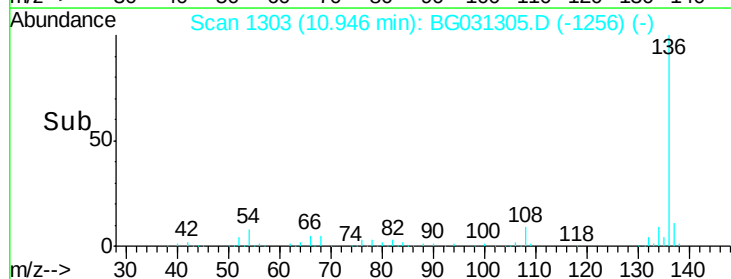
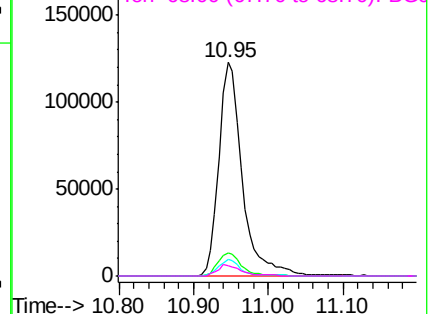
137 10.9 9.2 13.8

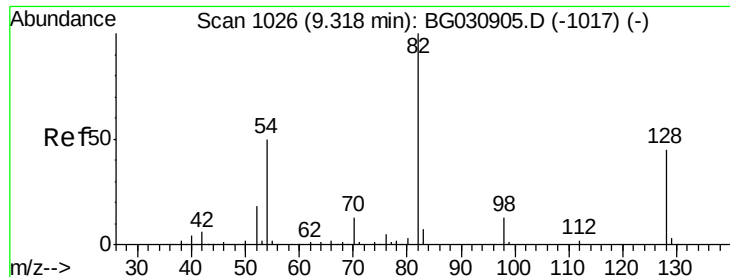
54 7.6 10.3 15.5#

68 5.0 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

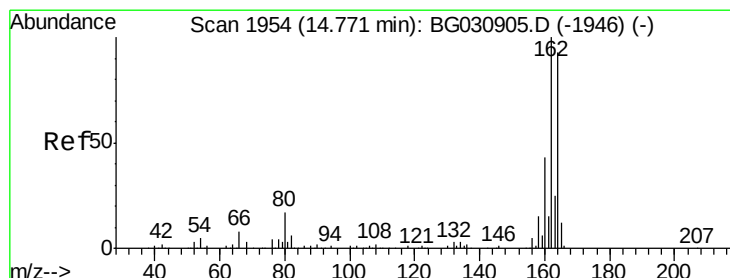
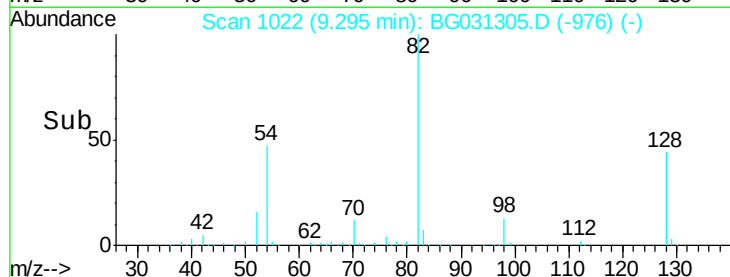
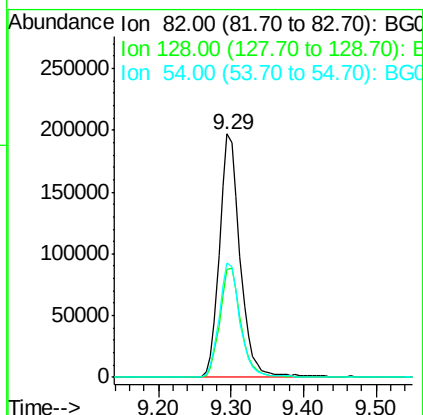
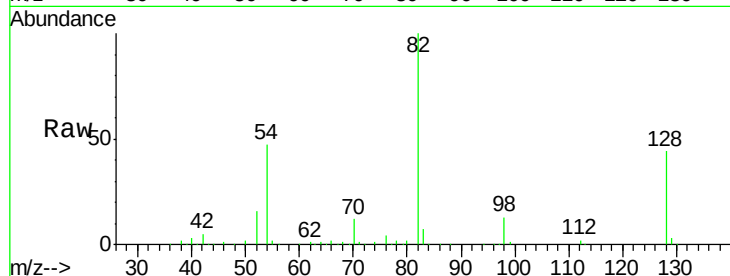




#23
 Nitrobenzene-d5
 Concen: 86.05 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG031305.D
 Acq: 1 Dec 2017 2:00

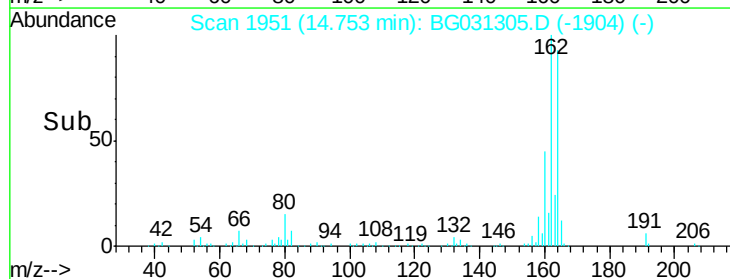
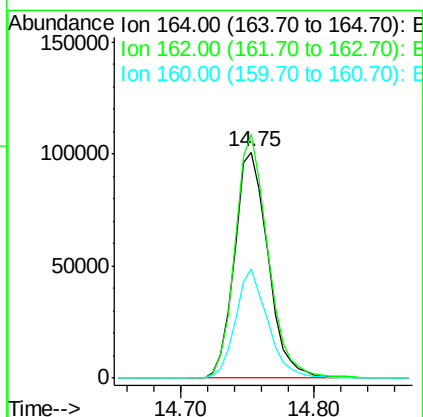
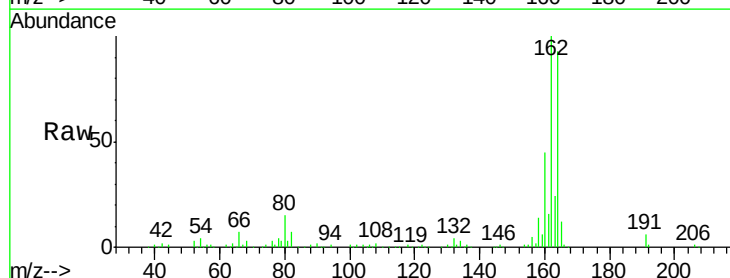
Instrument :
 BNA_G
 ClientSampleId :

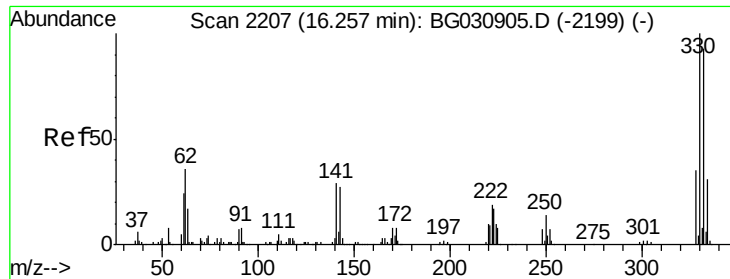
Tot Ion	82	Resp	390505
Ion Ratio	100	Lower	Upper
128	44.2	29.7	44.5
54	47.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031305.D
 Acq: 1 Dec 2017 2:00

Tgt Ion	164	Resp	176121
Ion Ratio	100	Lower	Upper
162	107.6	78.8	118.2
160	48.4	35.4	53.0

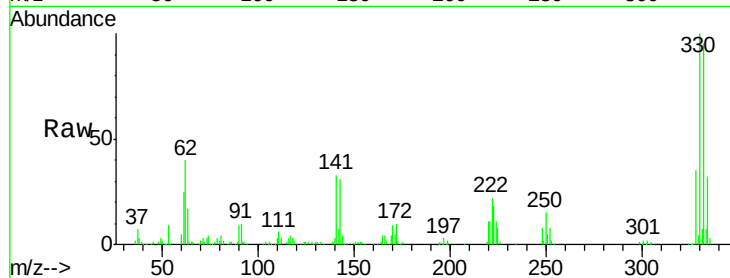




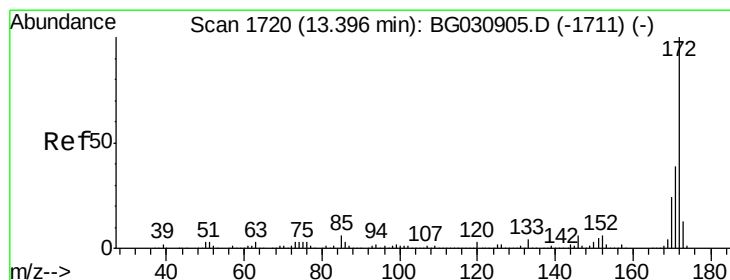
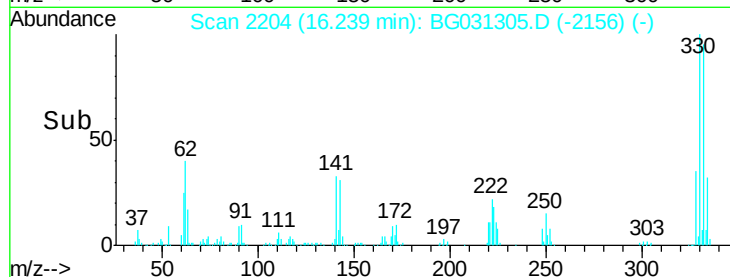
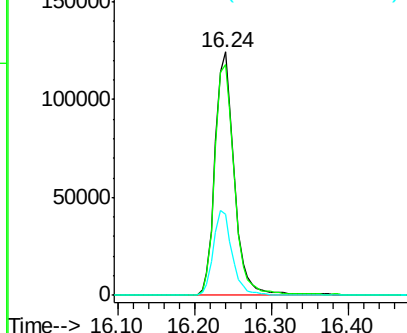
#41
 2,4,6-Tribromophenol
 Concen: 74.96 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031305.D
 Acq: 1 Dec 2017 2:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 213579
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 34.2 25.2 37.8

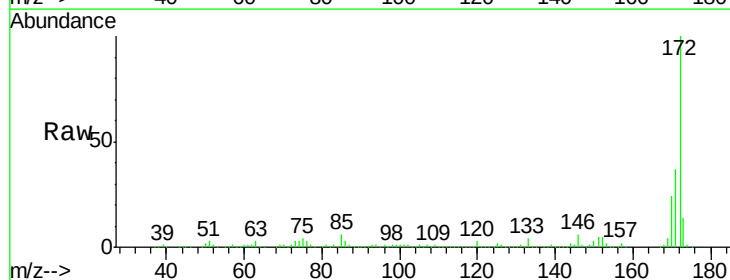


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

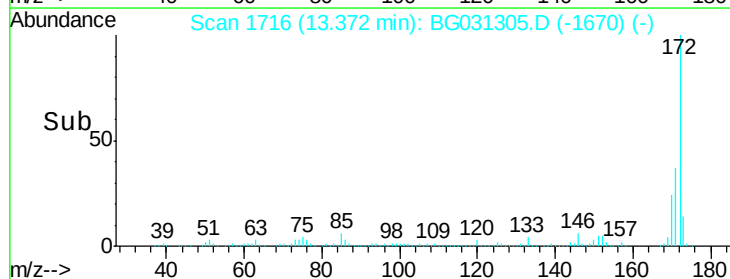
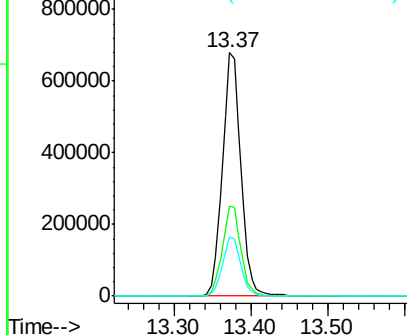


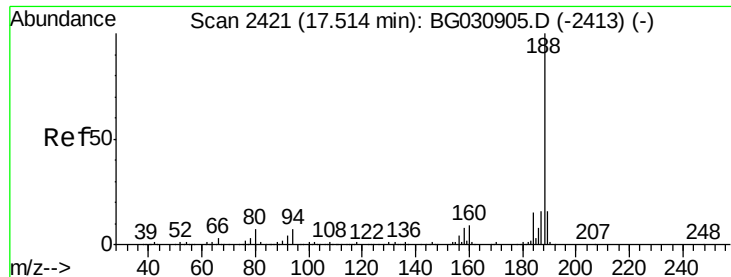
#44
 2-Fluorobiphenyl
 Concen: 92.61 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031305.D
 Acq: 1 Dec 2017 2:00

Tgt Ion:172 Resp: 1135185
 Ion Ratio Lower Upper
 172 100
 171 37.2 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

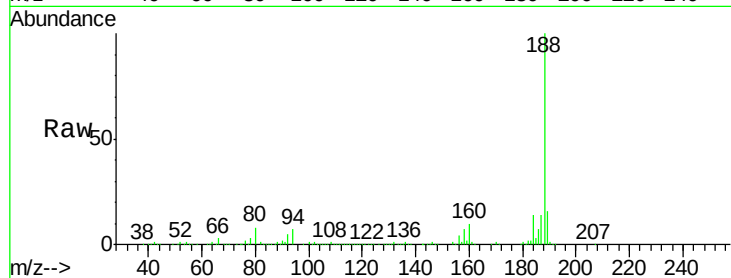




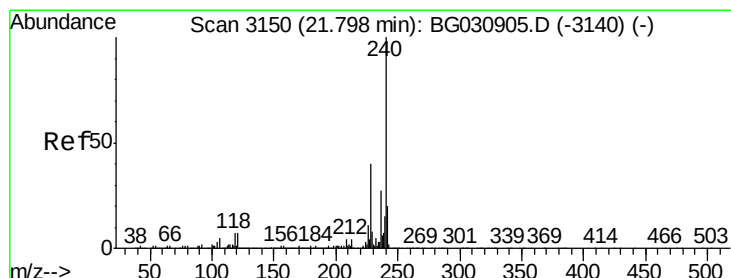
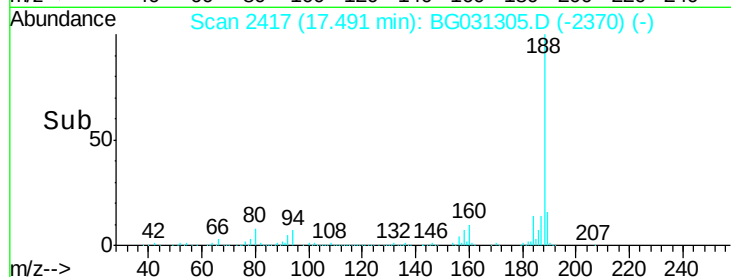
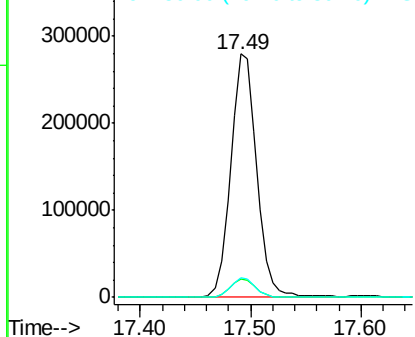
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031305.D
Acq: 1 Dec 2017 2:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 460497
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.2 7.7 11.5

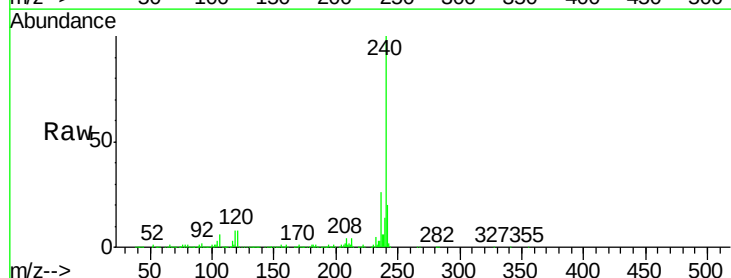


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

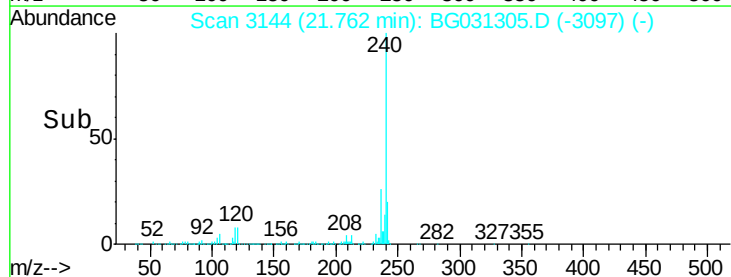
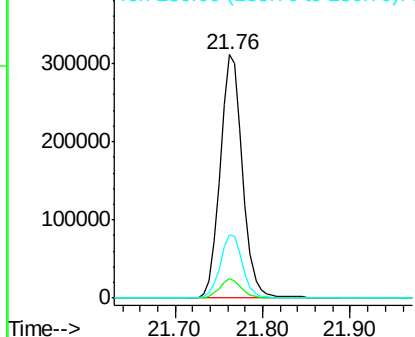


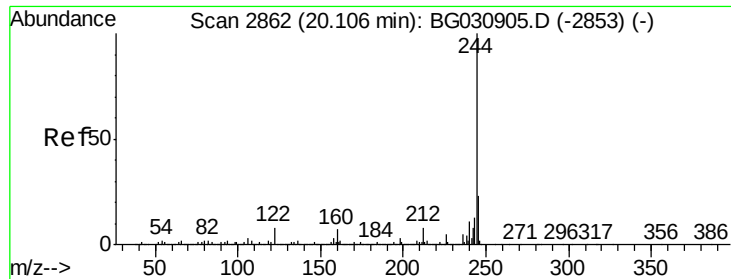
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031305.D
Acq: 1 Dec 2017 2:00

Tgt Ion:240 Resp: 551366
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 25.8 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: 77.00 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031305.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_G

ClientSampleId :

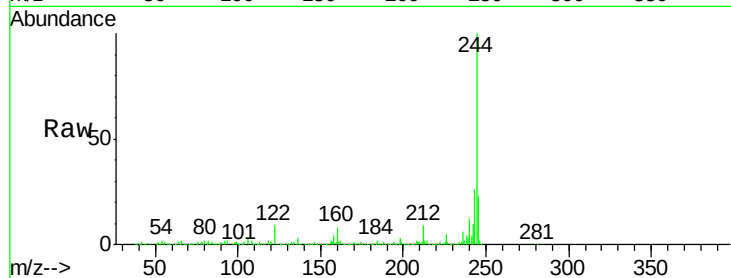
Tot Ion:244 Resp: 1922621

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	9.1	7.0	10.4

244 100

212 8.7 5.8 8.8

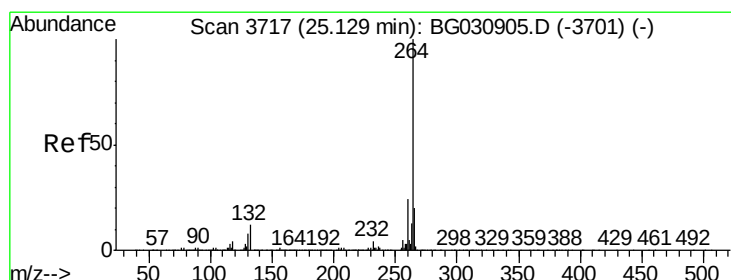
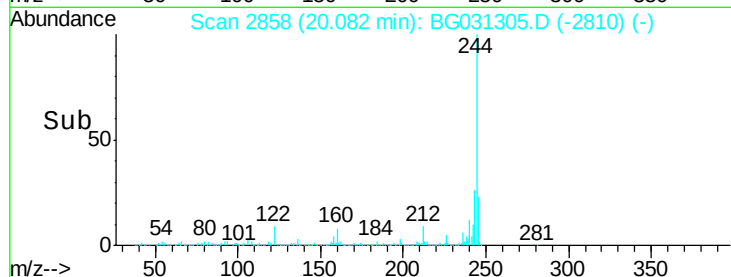
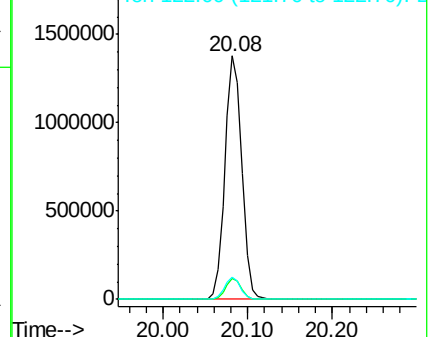
122 9.1 7.0 10.4



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

Perylene-d12

Concen: 20.00 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031305.D

Acq: 1 Dec 2017 2:00

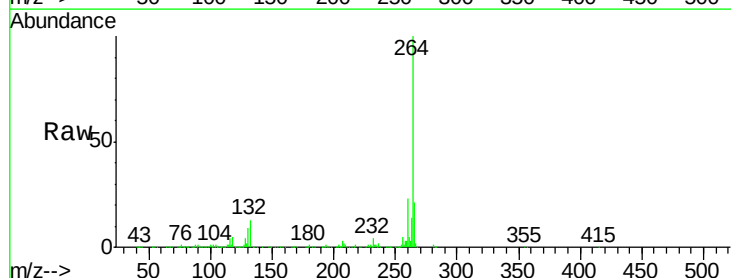
Tgt Ion:264 Resp: 533493

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	20.6	17.7	26.5

264 100

260 23.0 17.4 26.0

265 20.6 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

