

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
 Data File : BG031292.D
 Acq On : 30 Nov 2017 17:52
 Operator : SJ/JU
 Sample : PB104613BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 01 03:16:10 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	58308	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	231396	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	149038	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	406013	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	524480	20.00	ng	-0.02
86) Perylene-d12	25.07	264	508645	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	324552	95.45	ng	-0.02
7) Phenol-d6	7.29	99	406898	88.82	ng	-0.01
23) Nitrobenzene-d5	9.30	82	349902	89.60	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	182836	75.84	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1027502	99.06	ng	-0.02
78) Terphenyl-d14	20.09	244	1882414	79.25	ng	-0.01

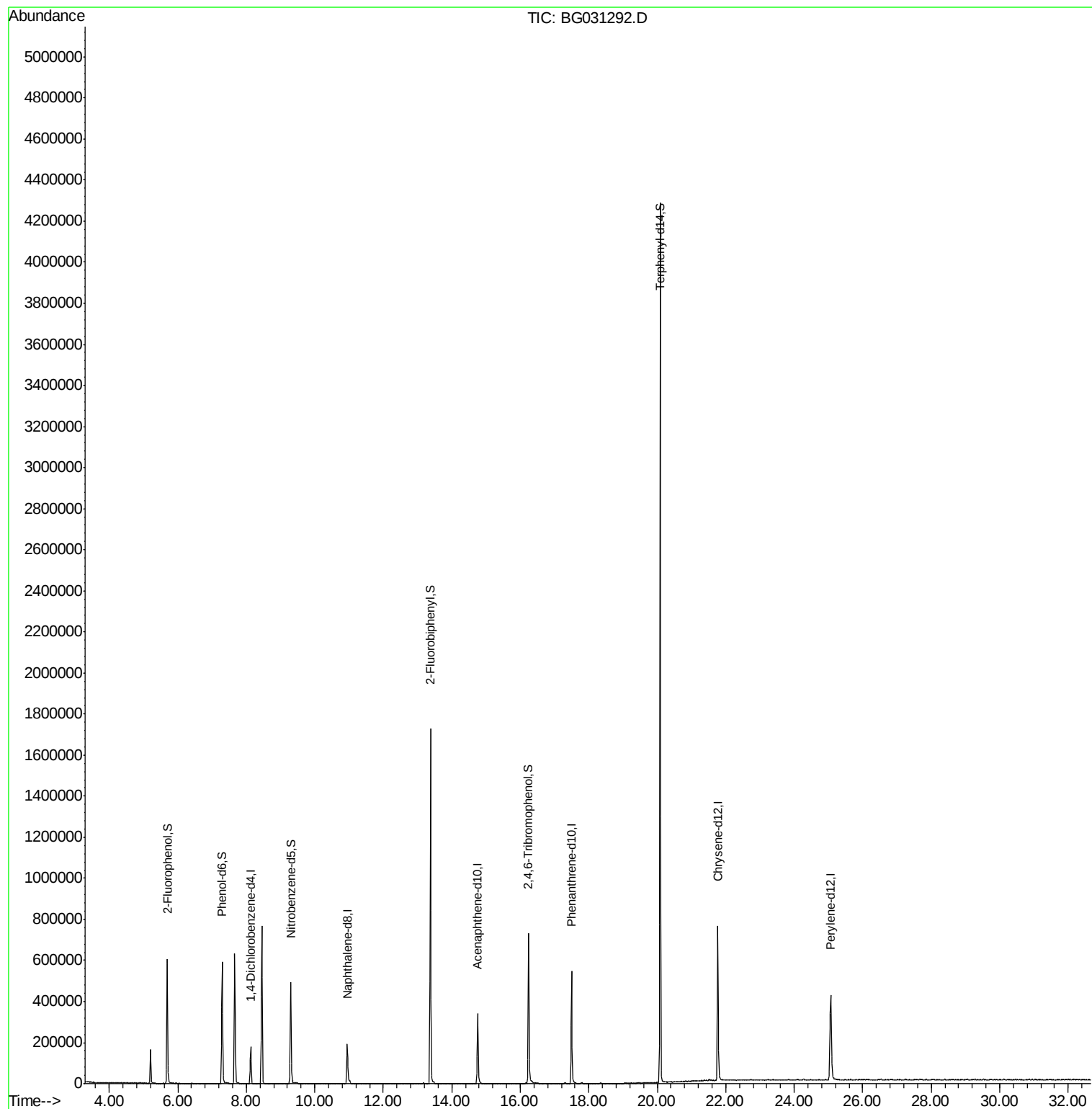
Target Compounds Qvalue

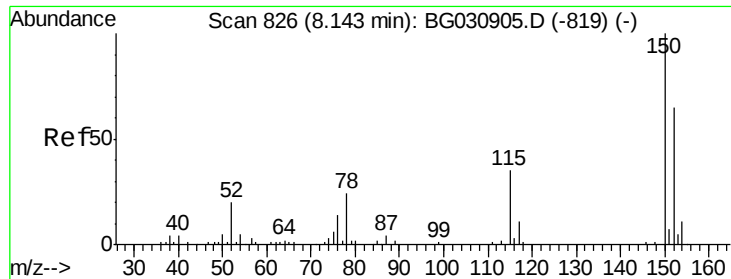
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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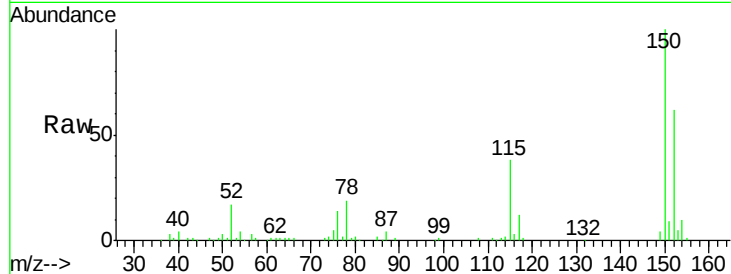


#1

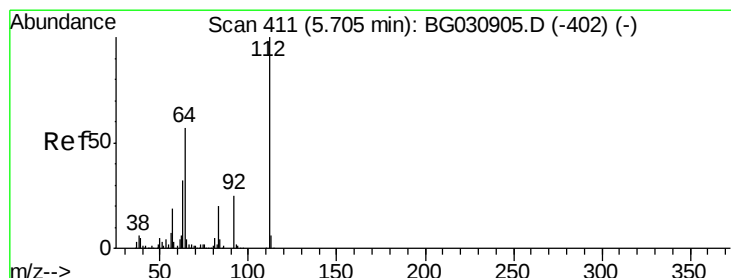
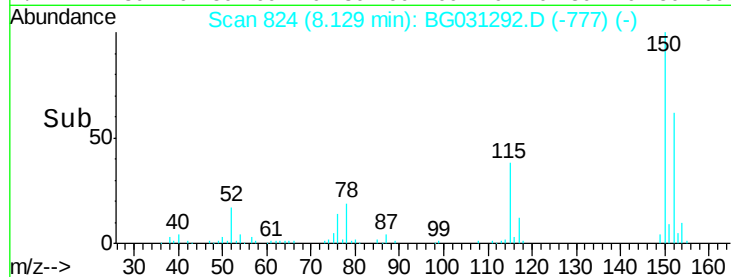
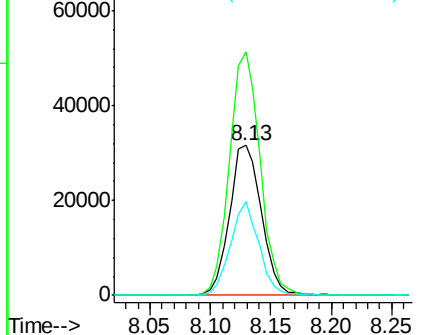
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031292.D
Acq: 30 Nov 2017 17:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	126.6	189.8
115	62.3	53.0	79.4



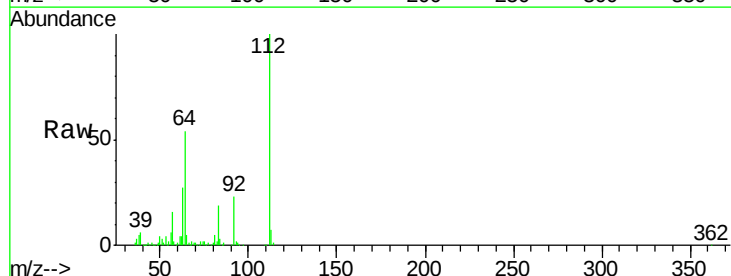
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



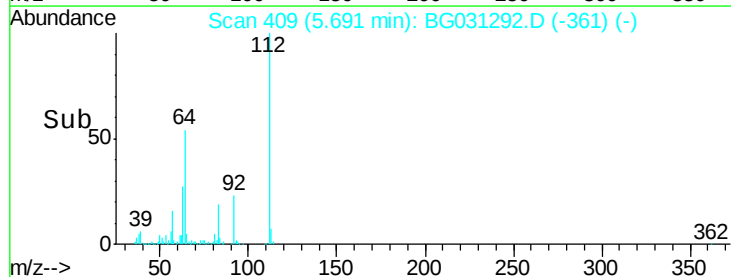
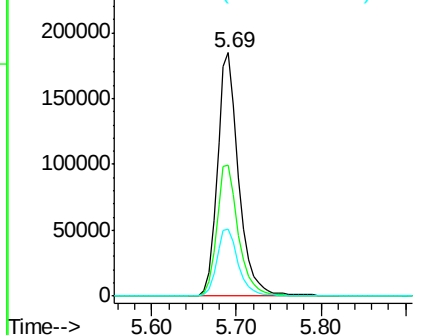
#5

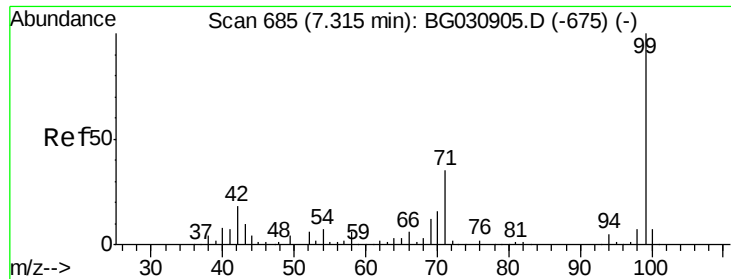
2-Fluorophenol
Concen: 95.45 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031292.D
Acq: 30 Nov 2017 17:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	56.3	84.5#
63	27.3	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: 88.82 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031292.D

Acq: 30 Nov 2017 17:52

Instrument :

BNA_G

ClientSampled :

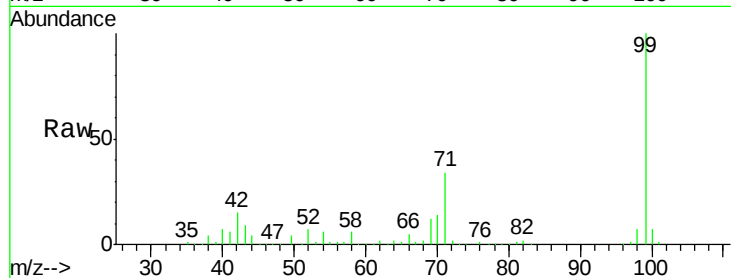
Tot Ion: 99 Resp: 406898

Ion Ratio Lower Upper

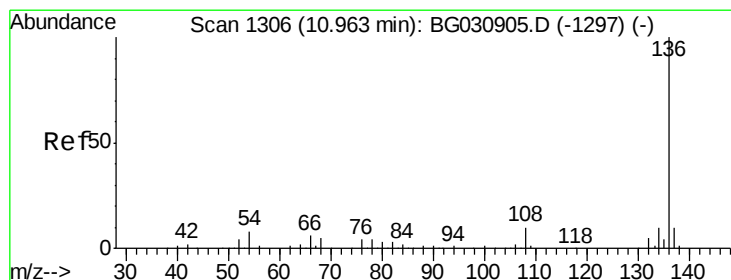
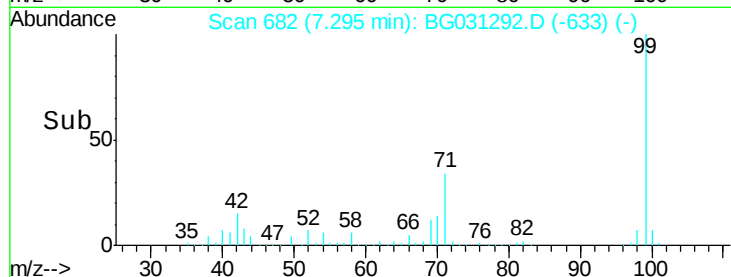
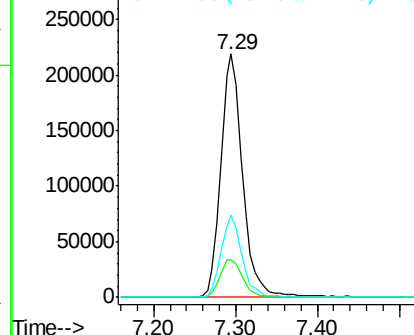
99 100

42 15.5 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: 20.00 ng

RT: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG031292.D

Acq: 30 Nov 2017 17:52

Tgt Ion: 136 Resp: 231396

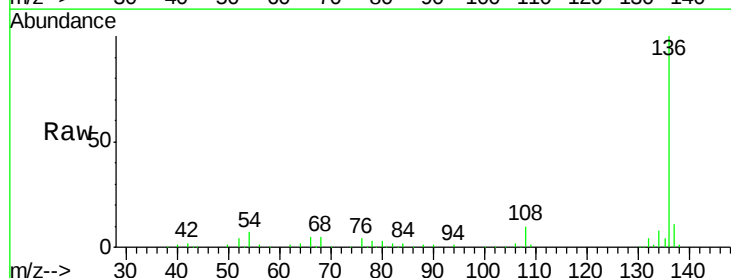
Ion Ratio Lower Upper

136 100

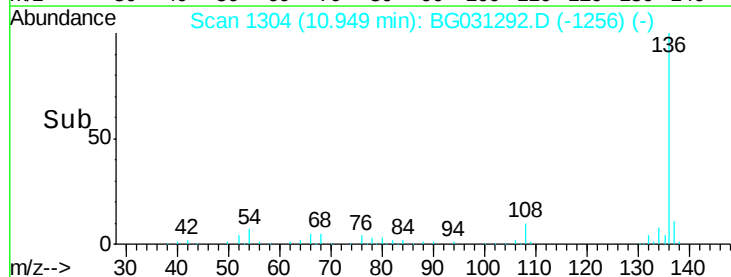
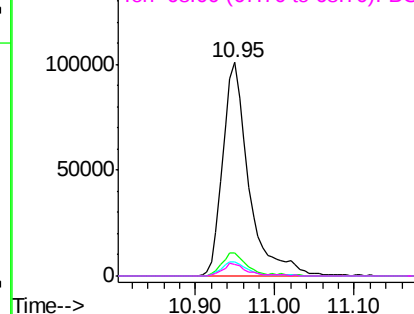
137 10.5 9.2 13.8

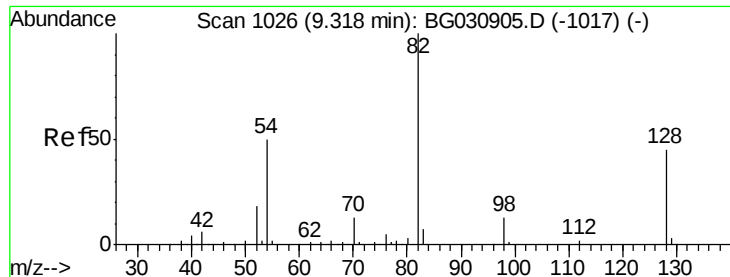
54 6.9 10.3 15.5#

68 5.3 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

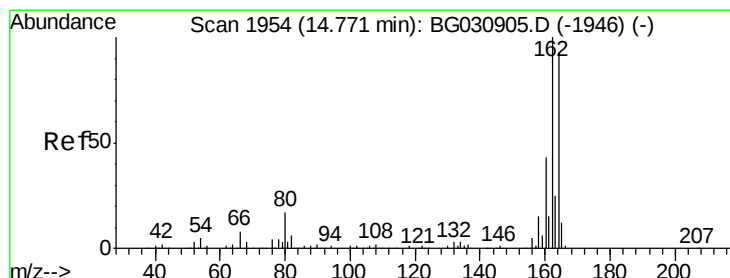
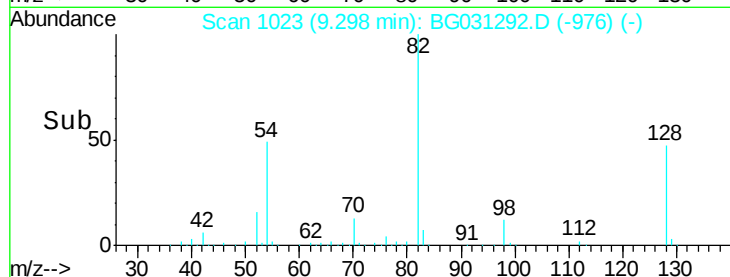
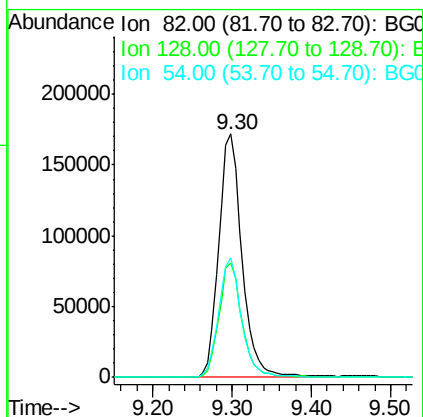
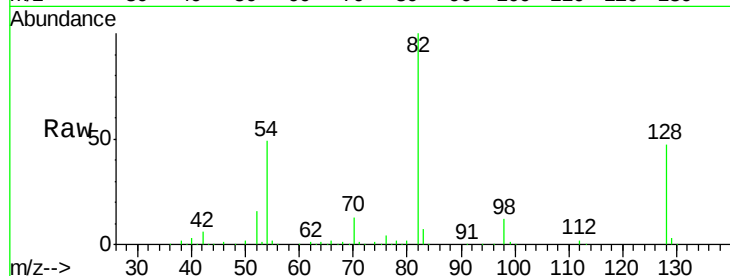




#23
 Nitrobenzene-d5
 Concen: 89.60 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031292.D
 Acq: 30 Nov 2017 17:52

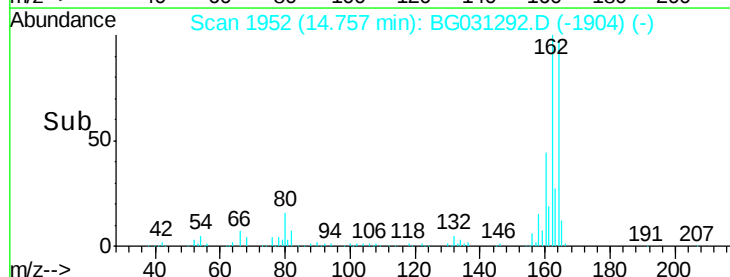
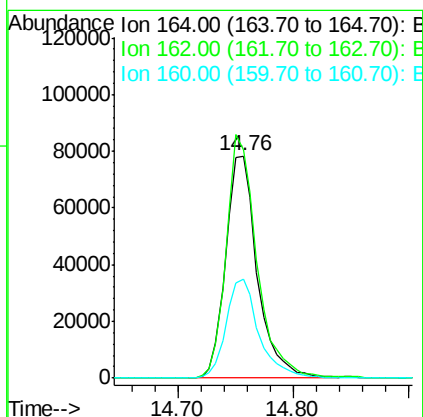
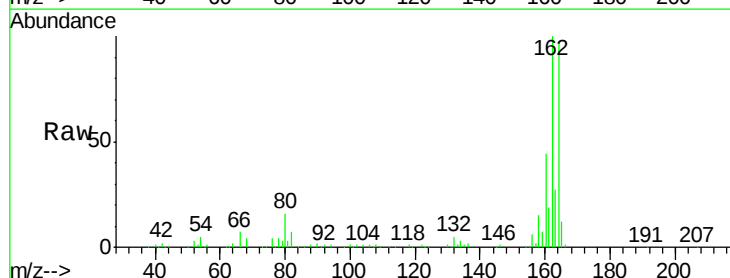
Instrument :
 BNA_G
 ClientSampled :

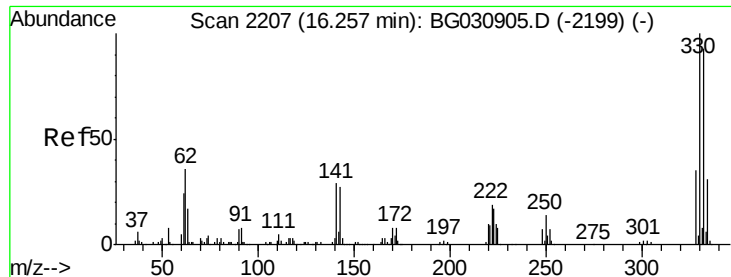
Tot Ion	82	Resp	349902
Ion Ratio	100	Lower	Upper
128	46.9	29.7	44.5#
54	49.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031292.D
 Acq: 30 Nov 2017 17:52

Tgt Ion	164	Resp	149038
Ion Ratio	100	Lower	Upper
162	102.6	78.8	118.2
160	44.7	35.4	53.0

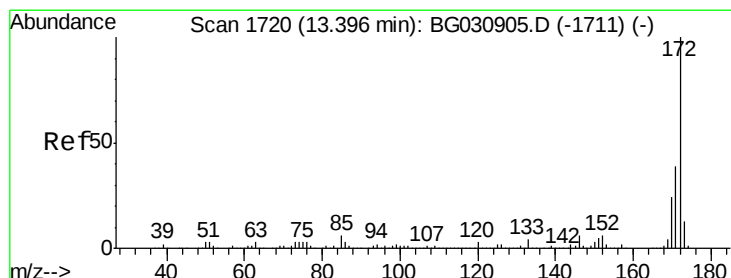
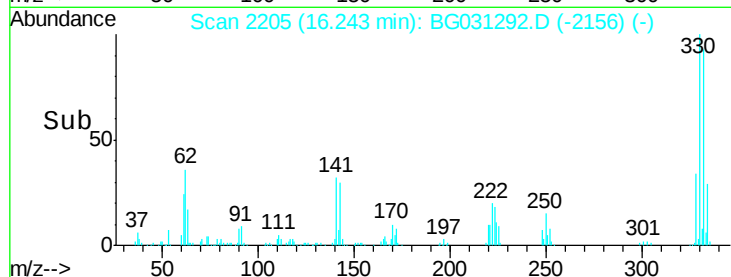
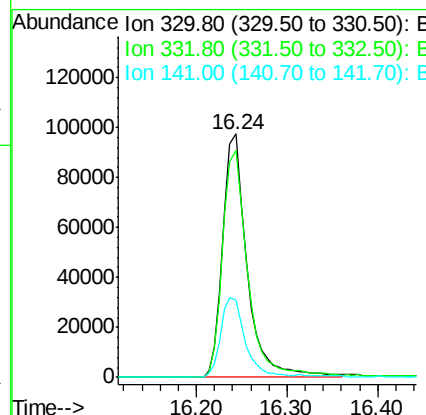
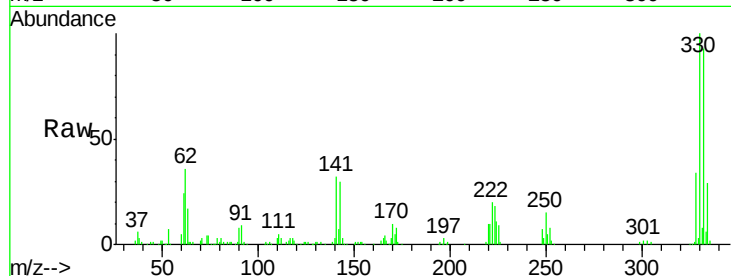




#41
 2,4,6-Tribromophenol
 Concen: 75.84 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031292.D
 Acq: 30 Nov 2017 17:52

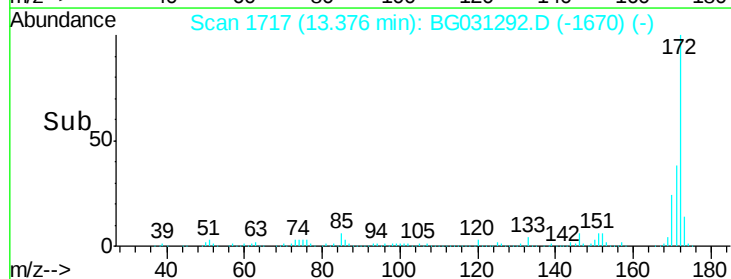
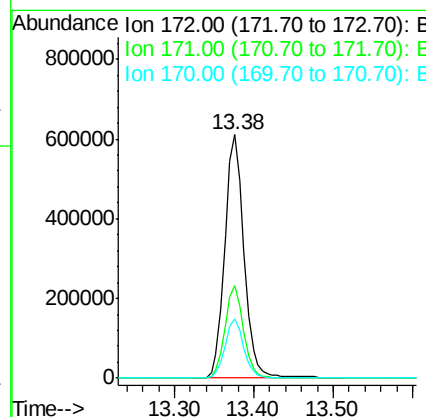
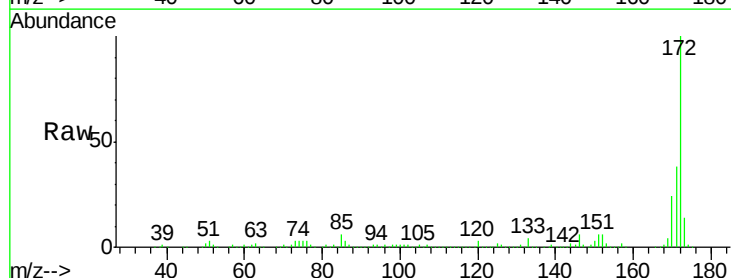
Instrument :
 BNA_G
 ClientSampleId :

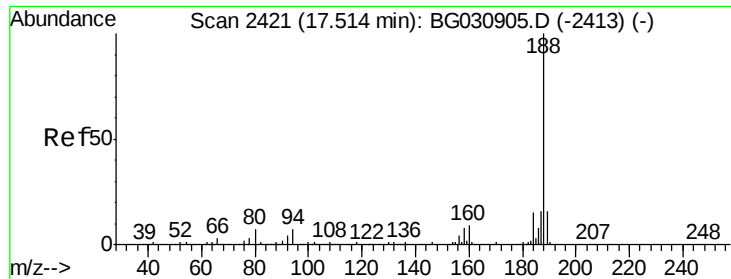
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.8	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 99.06 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031292.D
 Acq: 30 Nov 2017 17:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.2	19.5	29.3

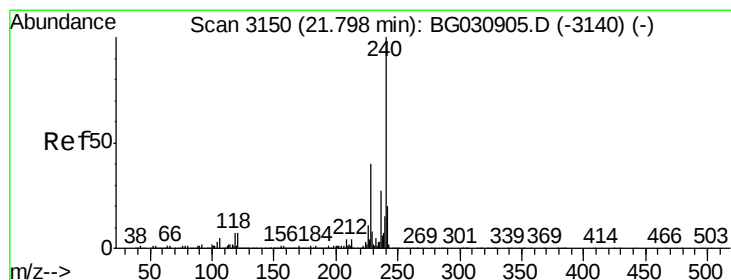
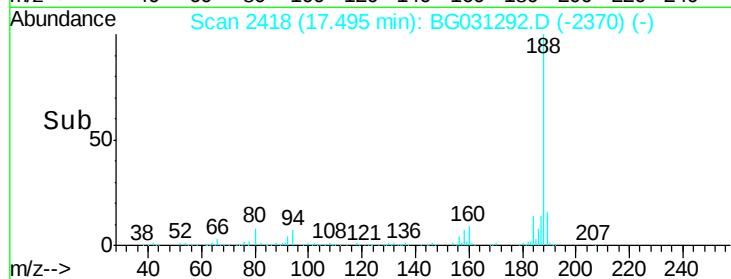
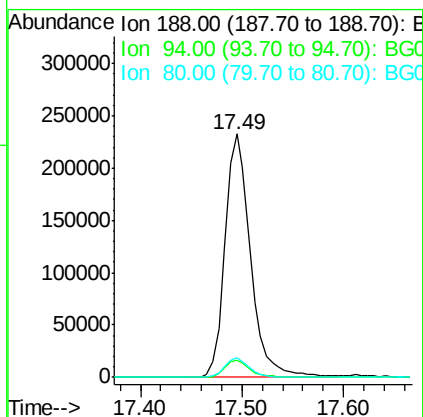
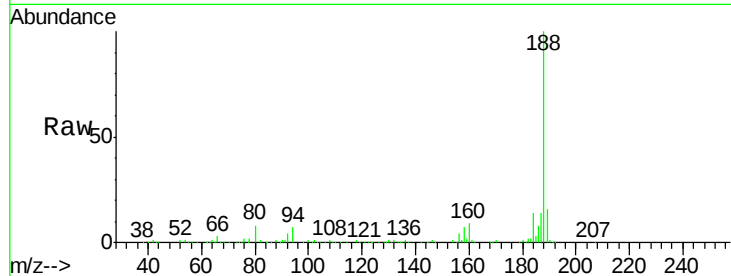




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031292.D
Acq: 30 Nov 2017 17:52

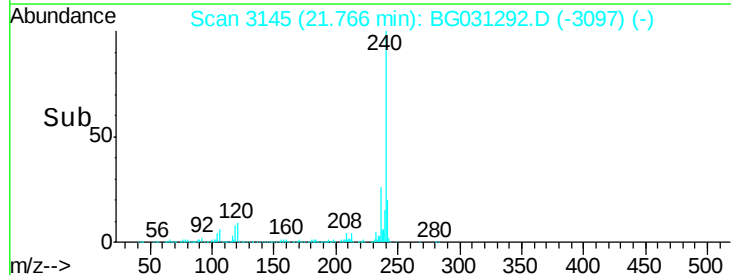
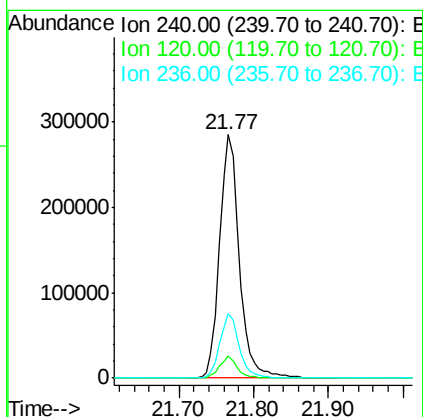
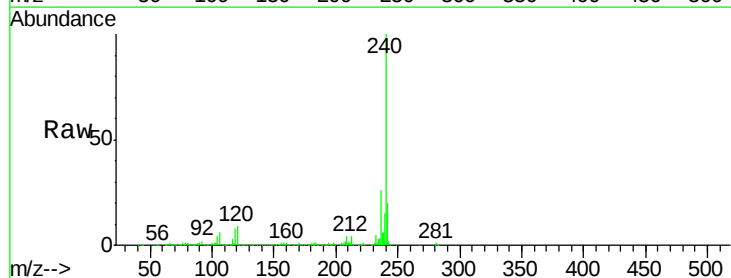
Instrument :
BNA_G
ClientSampleId :

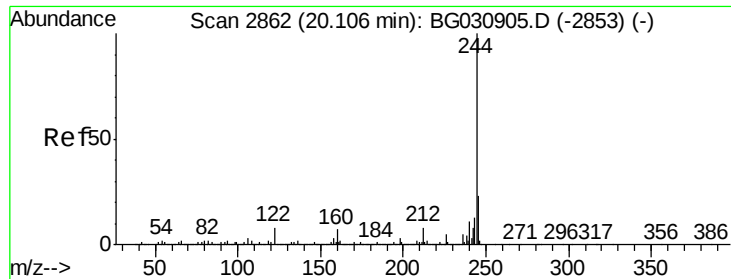
Tot Ion:188 Resp: 406013
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 8.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031292.D
Acq: 30 Nov 2017 17:52

Tgt Ion:240 Resp: 524480
Ion Ratio Lower Upper
240 100
120 8.9 6.8 10.2
236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 79.25 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031292.D

Acq: 30 Nov 2017 17:52

Instrument :

BNA_G

ClientSampleId :

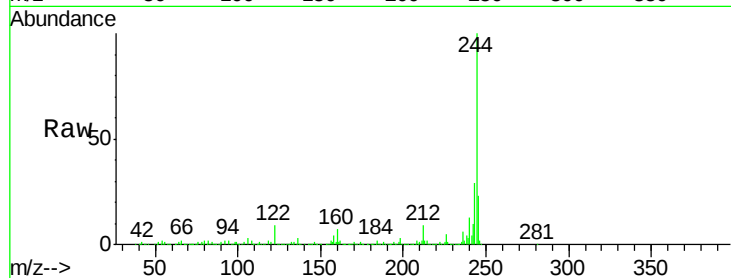
Tot Ion:244 Resp: 1882414

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8

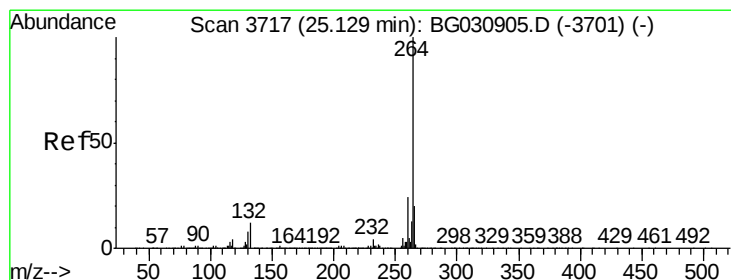
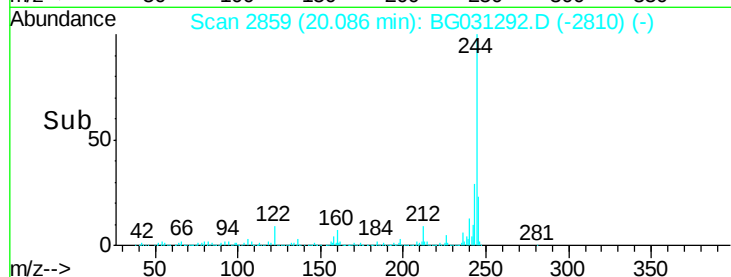
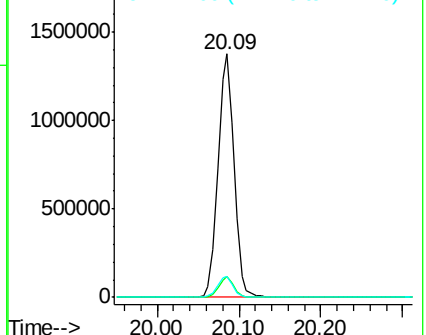
122 8.6 7.0 10.4



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: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG031292.D

Acq: 30 Nov 2017 17:52

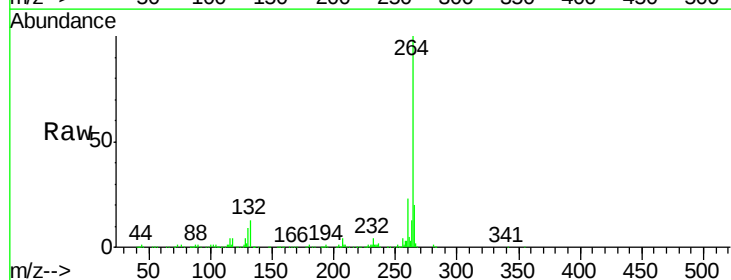
Tgt Ion:264 Resp: 508645

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 20.3 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

