

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
 Data File : BG031449.D
 Acq On : 9 Dec 2017 10:23
 Operator : SJ/JU
 Sample : I6746-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-109-4(30-40)

Quant Time: Dec 11 06:13:57 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

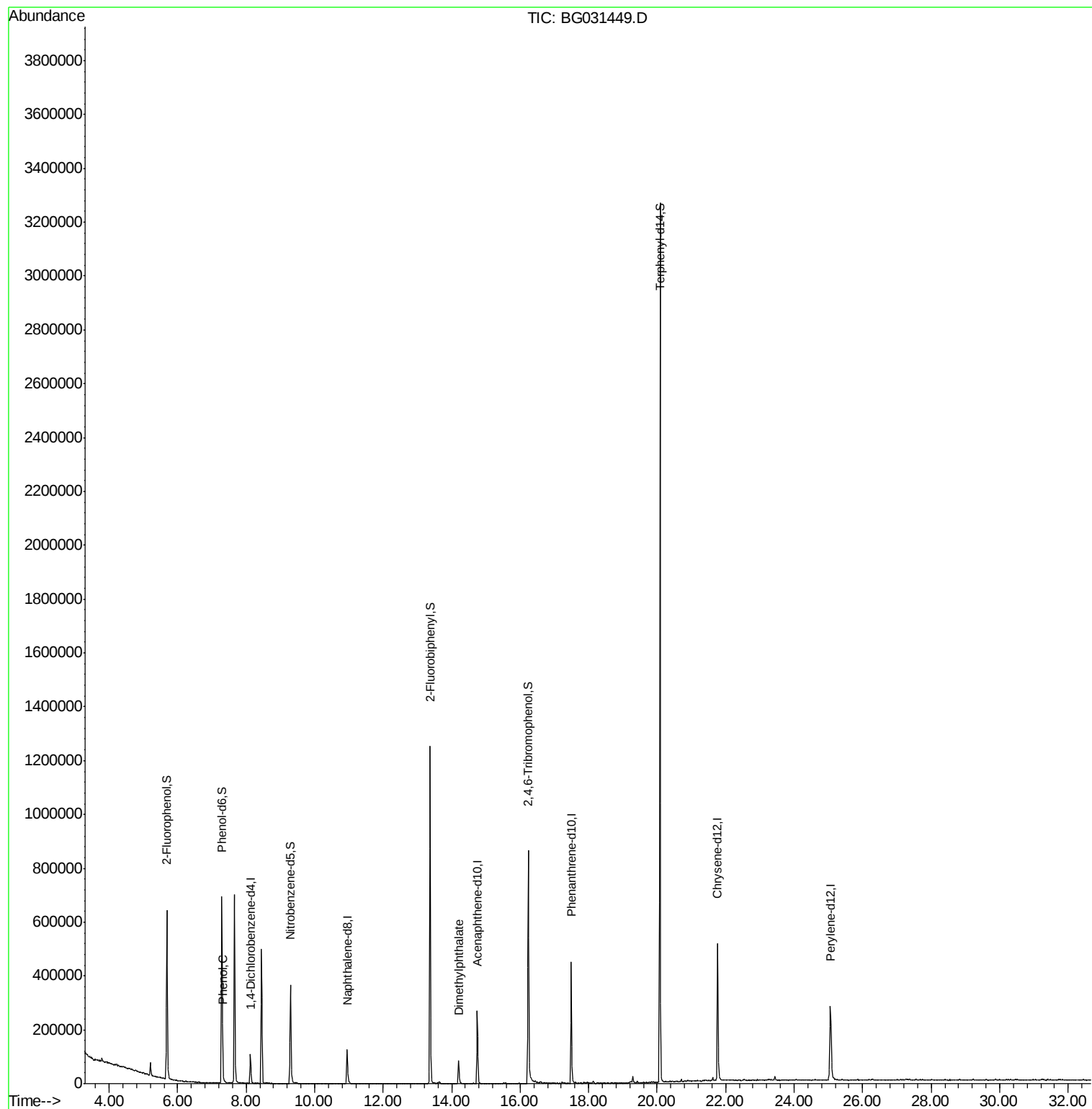
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	30918	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	138542	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	100375	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	311212	20.00	ng	0.00
75) Chrysene-d12	21.76	240	366115	20.00	ng	0.00
86) Perylene-d12	25.06	264	341381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	293788	162.94	ng	0.00
7) Phenol-d6	7.29	99	416289	171.38	ng	0.00
23) Nitrobenzene-d5	9.30	82	254151	108.70	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	185281	114.11	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	729446	104.42	ng	0.00
78) Terphenyl-d14	20.08	244	1578858	95.22	ng	0.00
Target Compounds						
10) Phenol	7.32	94	12606	4.997	ng	83
49) Dimethylphthalate	14.20	163	91089	10.496	ng	99

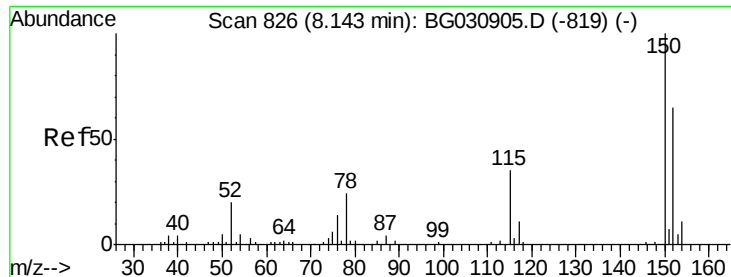
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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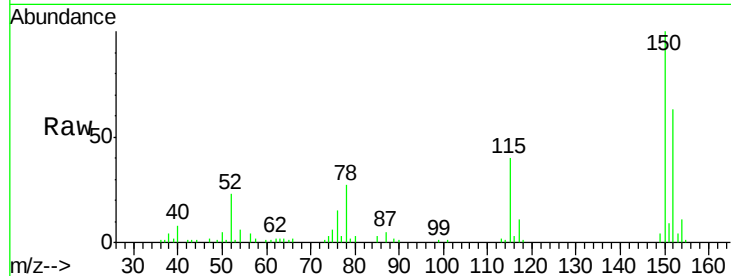


#1

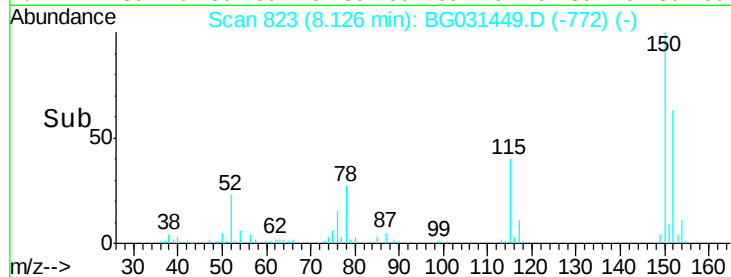
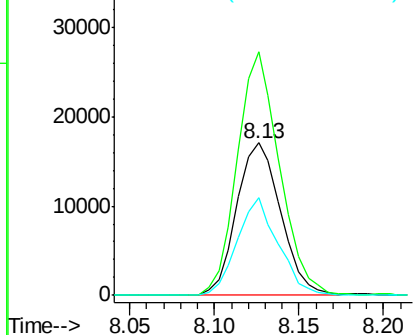
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031449.D
Acq: 9 Dec 2017 10:23

Instrument :
BNA_G
ClientSampleId :
ENV-109-4(30-40)

Tgt Ion:152 Resp: 30918
Ion Ratio Lower Upper
152 100
150 159.8 126.6 189.8
115 64.0 53.0 79.4



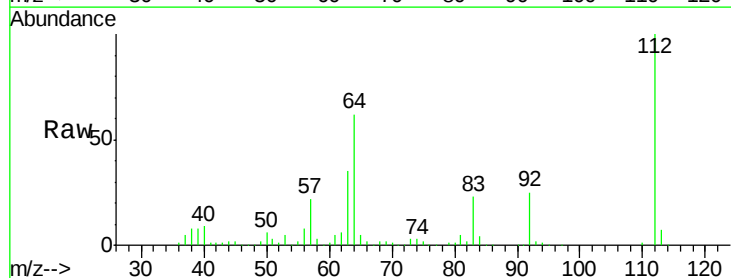
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



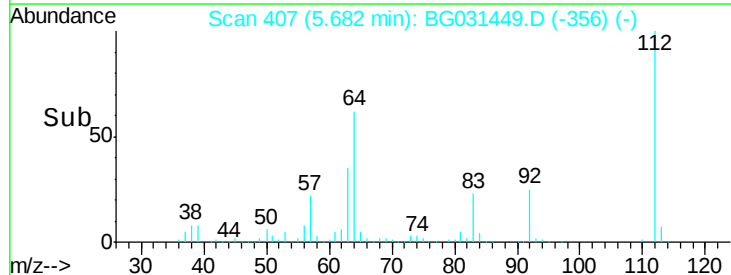
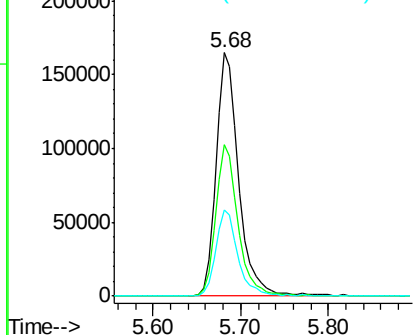
#5

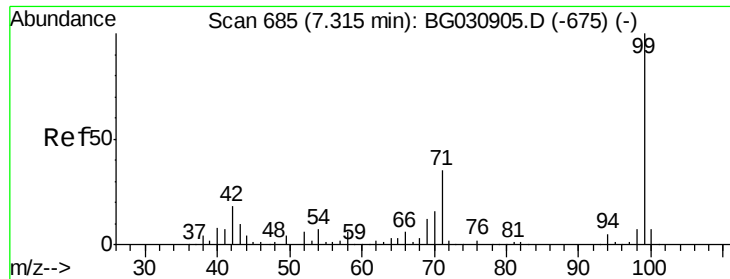
2-Fluorophenol
Concen: 162.939 ng
RT: 5.68 min Scan# 407
Delta R.T. -0.00 min
Lab File: BG031449.D
Acq: 9 Dec 2017 10:23

Tgt Ion:112 Resp: 293788
Ion Ratio Lower Upper
112 100
64 62.3 56.3 84.5
63 35.2 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: 171.376 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031449.D

Acq: 9 Dec 2017 10:23

Instrument :

BNA_G

ClientSampleId :

ENV-109-4(30-40)

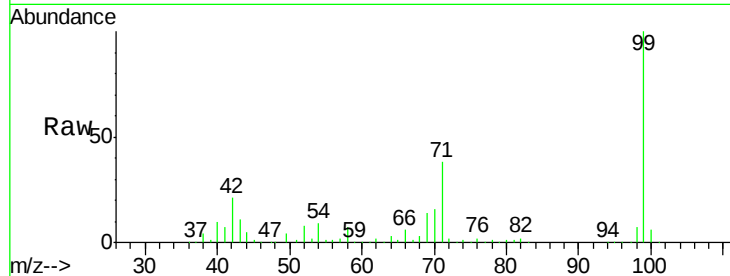
Tgt Ion: 99 Resp: 416289

Ion Ratio Lower Upper

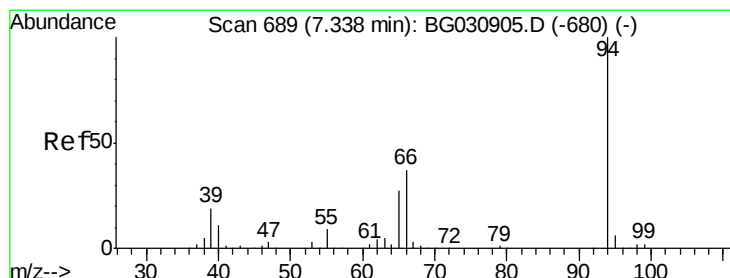
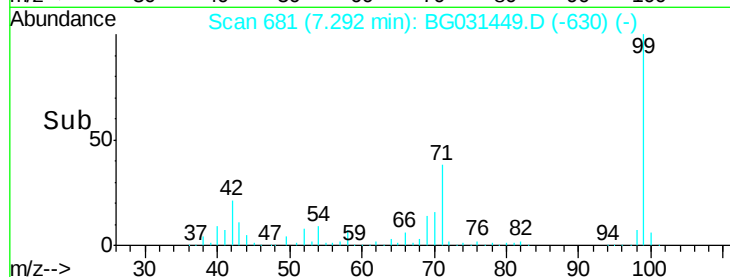
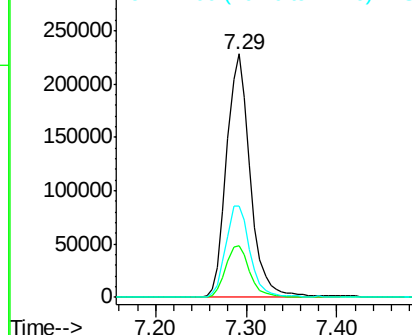
99 100

42 21.2 14.1 21.1#

71 37.6 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



#10

Phenol

Concen: 4.997 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG031449.D

Acq: 9 Dec 2017 10:23

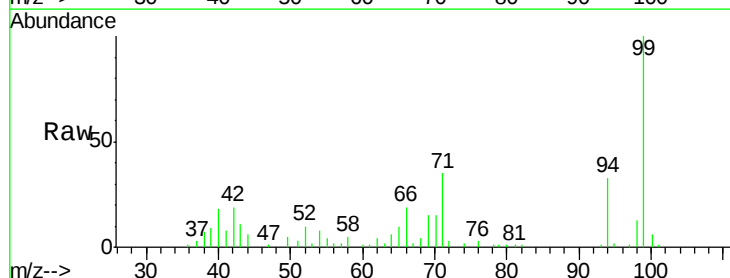
Tgt Ion: 94 Resp: 12606

Ion Ratio Lower Upper

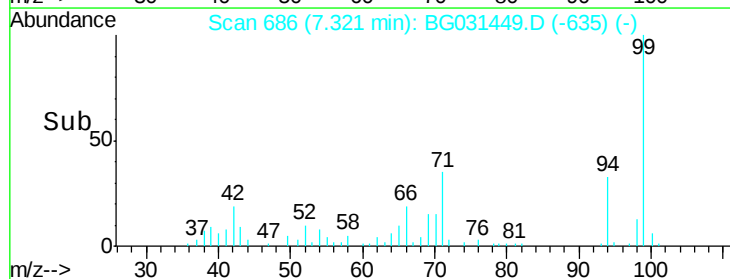
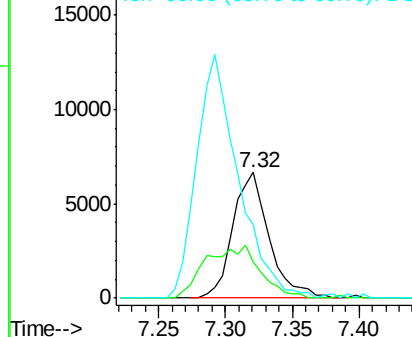
94 100

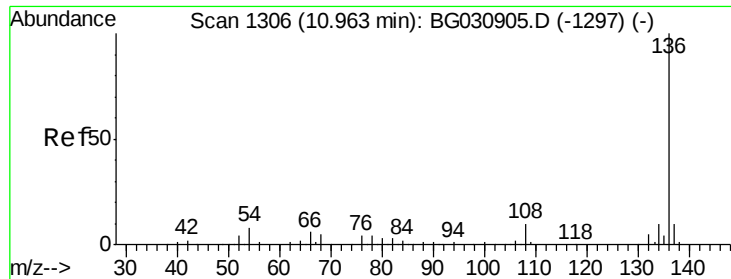
65 28.9 11.9 51.9

66 58.6 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

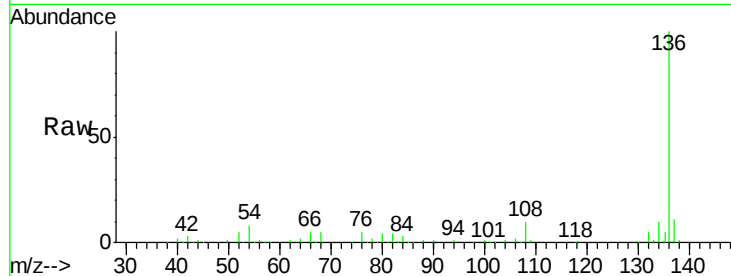




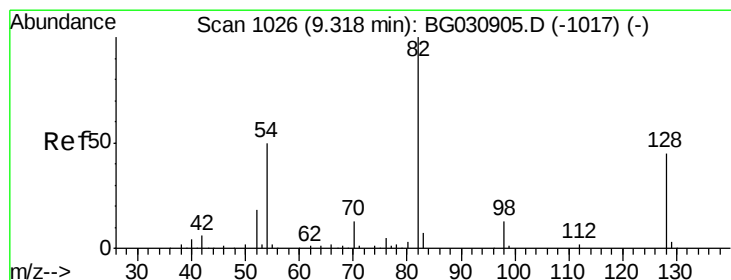
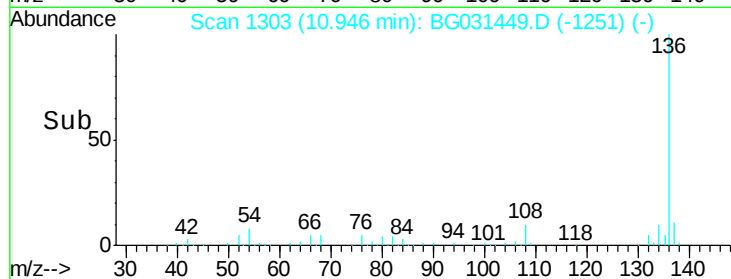
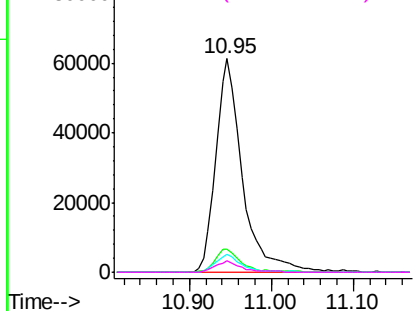
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG031449.D
Acq: 9 Dec 2017 10:23

Instrument :
BNA_G
ClientSampleId :
ENV-109-4(30-40)

Tgt Ion:	136	Resp:	138542
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.3	10.3	15.5#
68	5.3	4.5	6.7

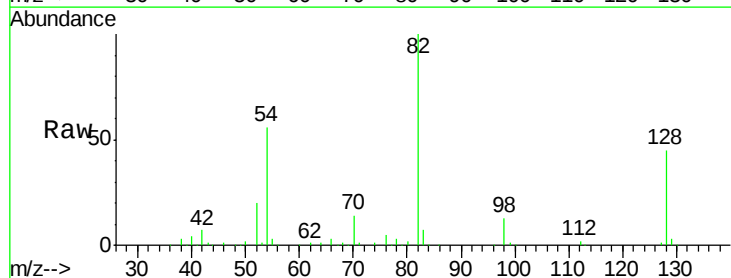


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

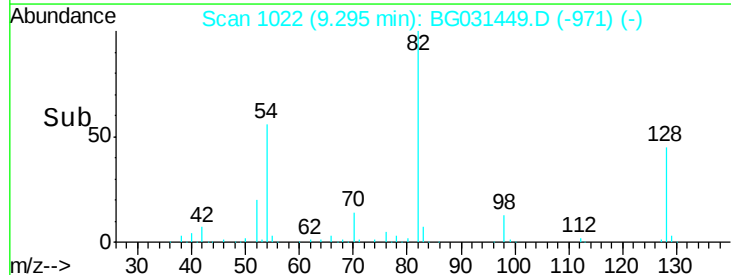
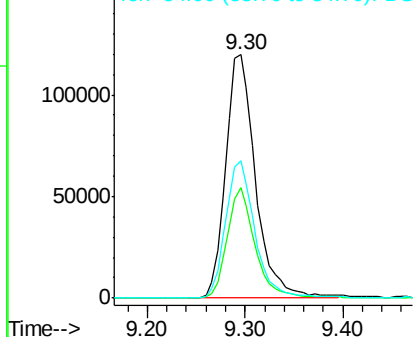


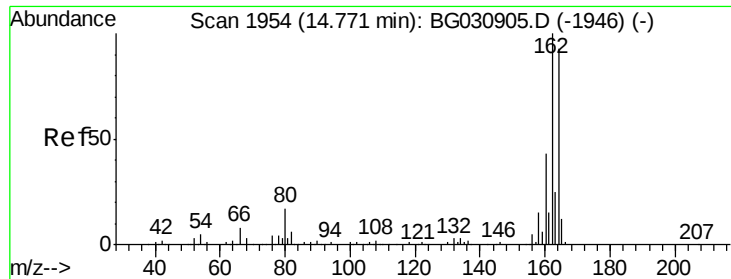
#23
Nitrobenzene-d5
Concen: 108.704 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG031449.D
Acq: 9 Dec 2017 10:23

Tgt Ion:	82	Resp:	254151
Ion	Ratio	Lower	Upper
82	100		
128	45.5	29.7	44.5#
54	56.2	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG031449.D

Acq: 9 Dec 2017 10:23

Instrument :

BNA_G

ClientSampleId :

ENV-109-4(30-40)

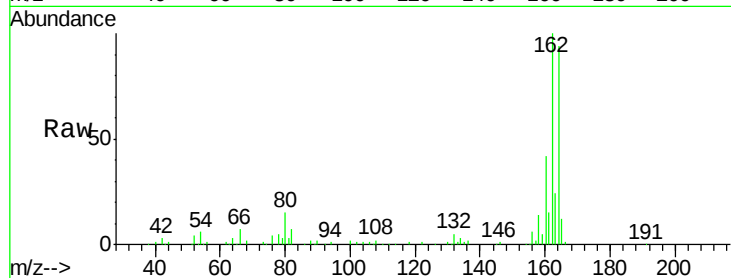
Tgt Ion:164 Resp: 100375

Ion Ratio Lower Upper

164 100

162 106.6 78.8 118.2

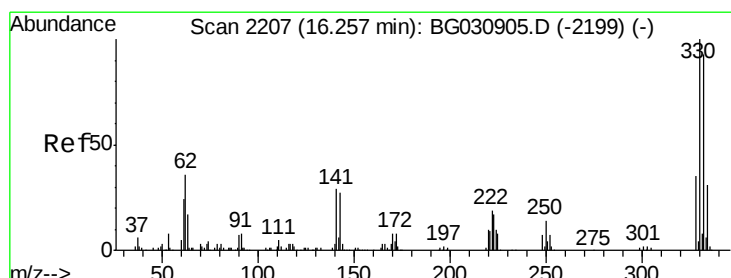
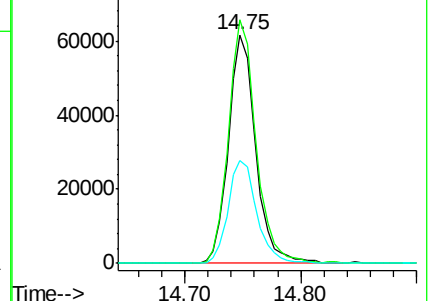
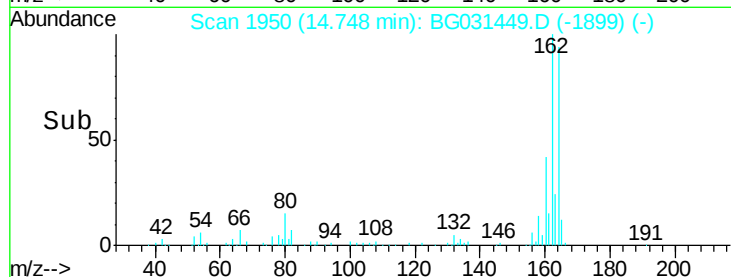
160 44.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 114.107 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG031449.D

Acq: 9 Dec 2017 10:23

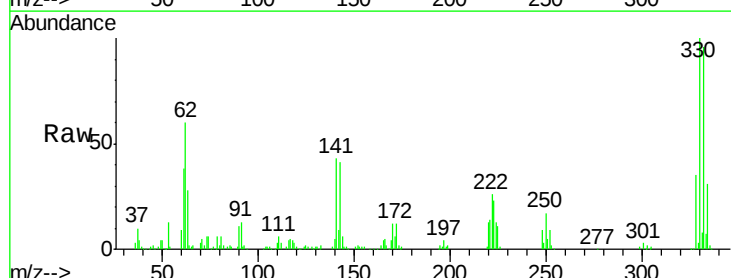
Tgt Ion:330 Resp: 185281

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

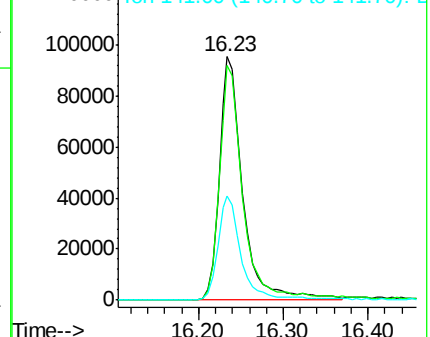
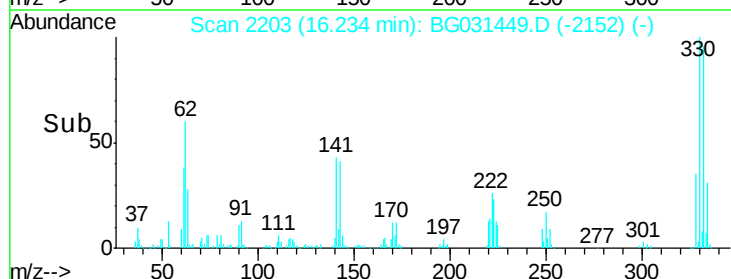
141 42.2 25.2 37.8#

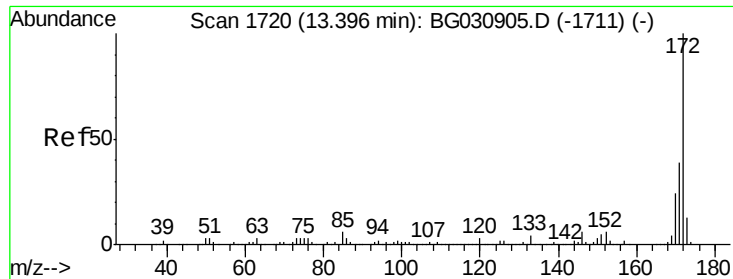


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

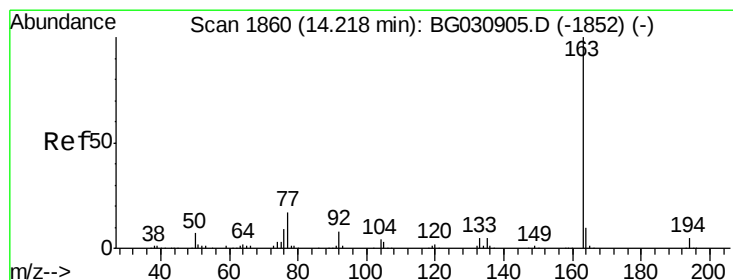
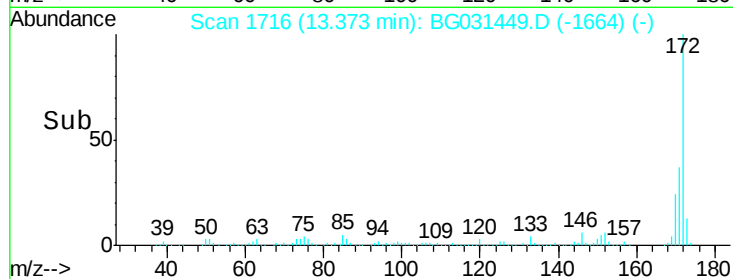
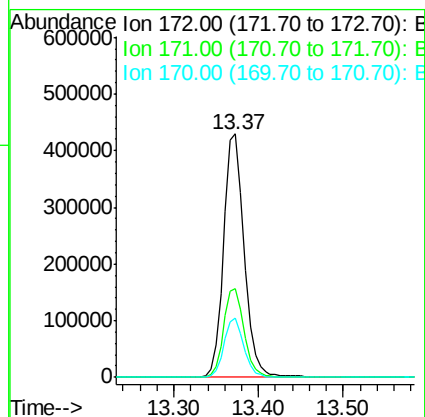
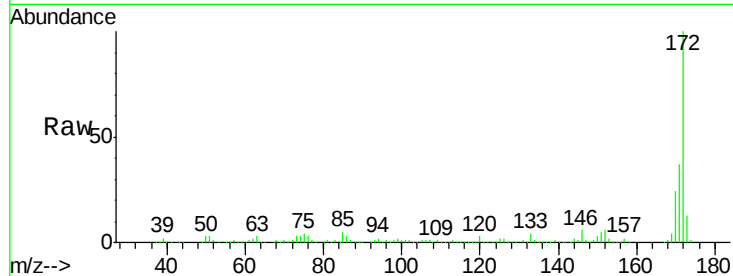




#44
2-Fluorobiphenyl
Concen: 104.422 ng
RT: 13.37 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG031449.D
Acq: 9 Dec 2017 10:23

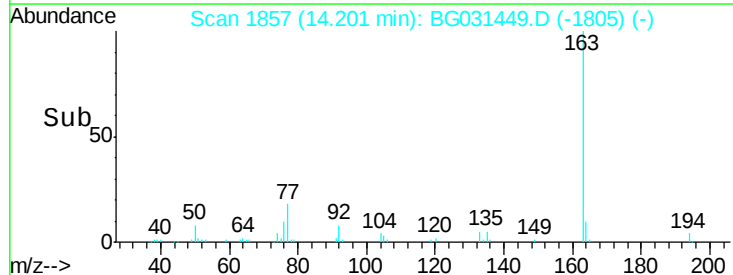
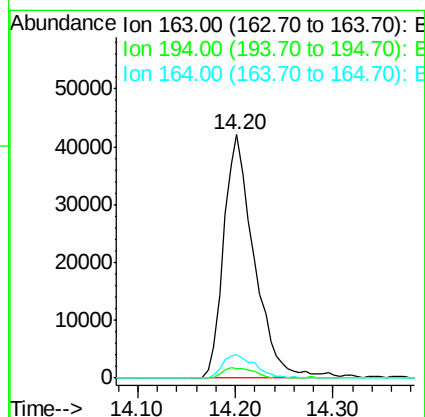
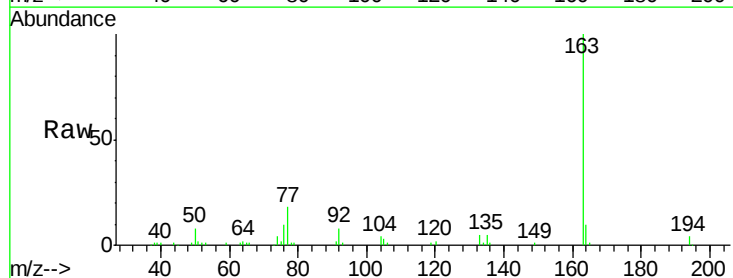
Instrument :
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ClientSampleId :
ENV-109-4(30-40)

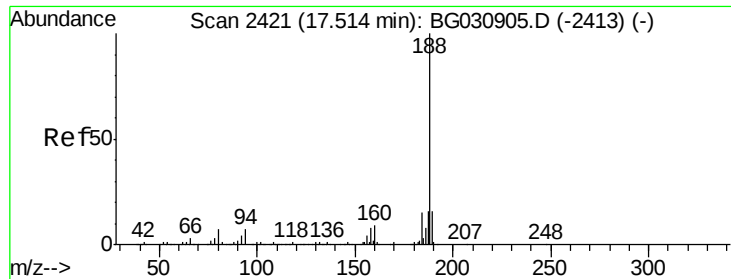
Tgt Ion:172 Resp: 729446
Ion Ratio Lower Upper
172 100
171 36.7 30.0 45.0
170 24.4 19.5 29.3



#49
Dimethylphthalate
Concen: 10.496 ng
RT: 14.20 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BG031449.D
Acq: 9 Dec 2017 10:23

Tgt Ion:163 Resp: 91089
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 9.8 8.2 12.4

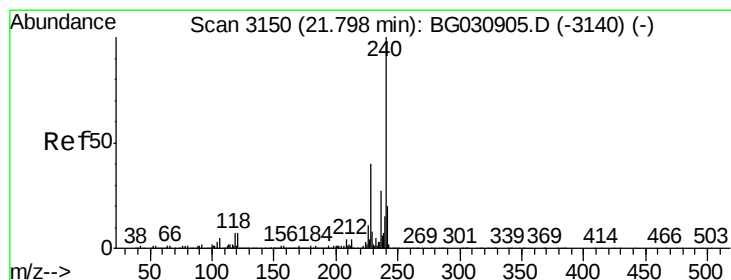
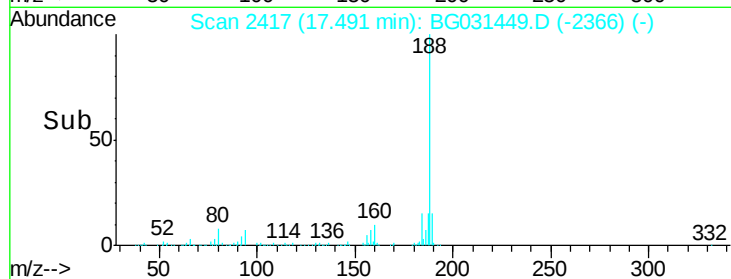
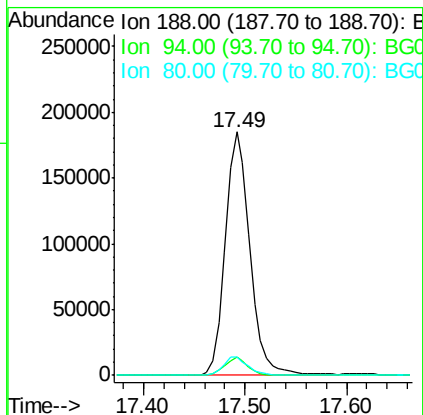
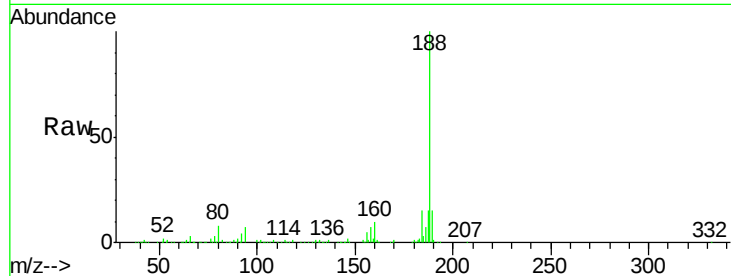




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031449.D
Acq: 9 Dec 2017 10:23

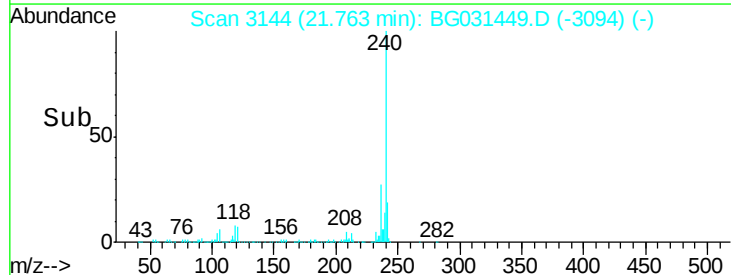
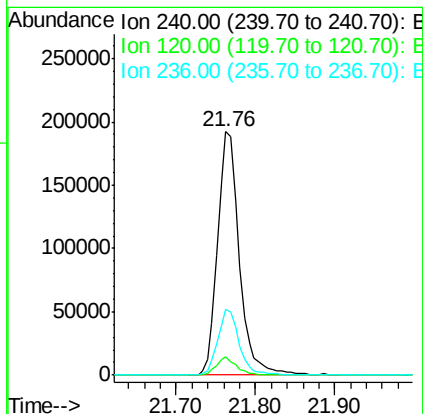
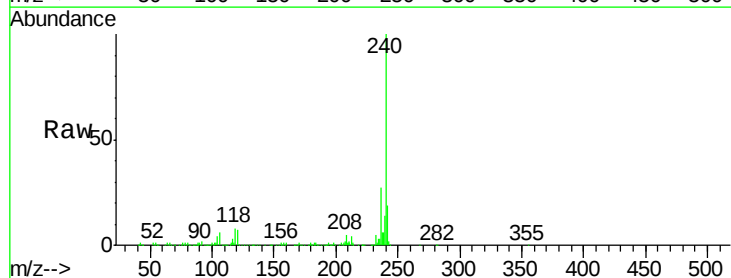
Instrument :
BNA_G
ClientSampleId :
ENV-109-4(30-40)

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	7.6	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG031449.D
Acq: 9 Dec 2017 10:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.8	10.2
236	26.8	20.9	31.3





#78

Terphenyl-d14

Concen: 95.223 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031449.D

Acq: 9 Dec 2017 10:23

Instrument :

BNA_G

ClientSampleId :

ENV-109-4(30-40)

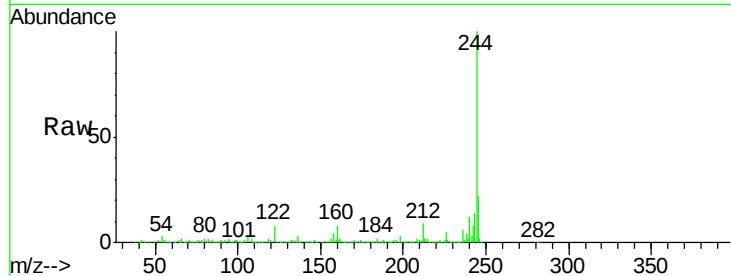
Tgt Ion:244 Resp: 1578858

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

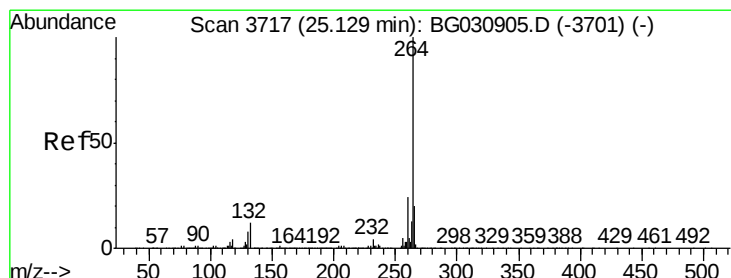
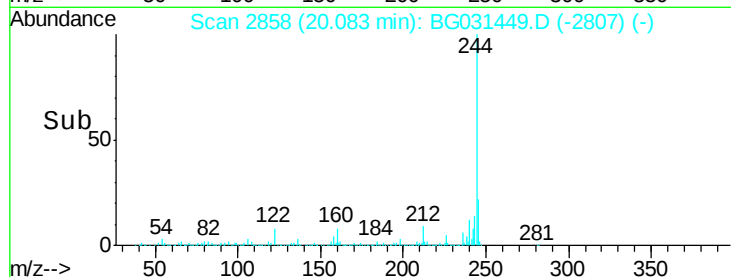
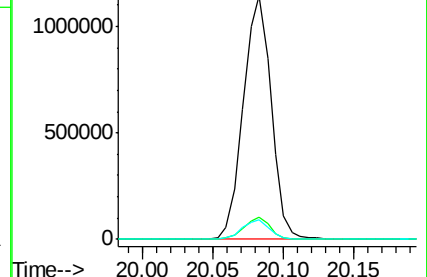
122 7.9 7.0 10.4



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. -0.01 min

Lab File: BG031449.D

Acq: 9 Dec 2017 10:23

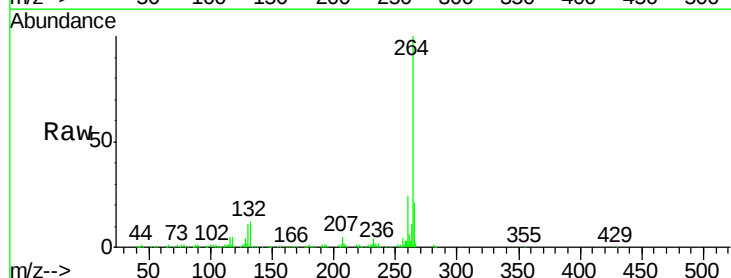
Tgt Ion:264 Resp: 341381

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.3 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

