

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
 Data File : BG031921.D
 Acq On : 4 Jan 2018 18:44
 Operator : SJ/JU
 Sample : J1025-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-1(60-62)

Quant Time: Jan 05 04:11:27 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

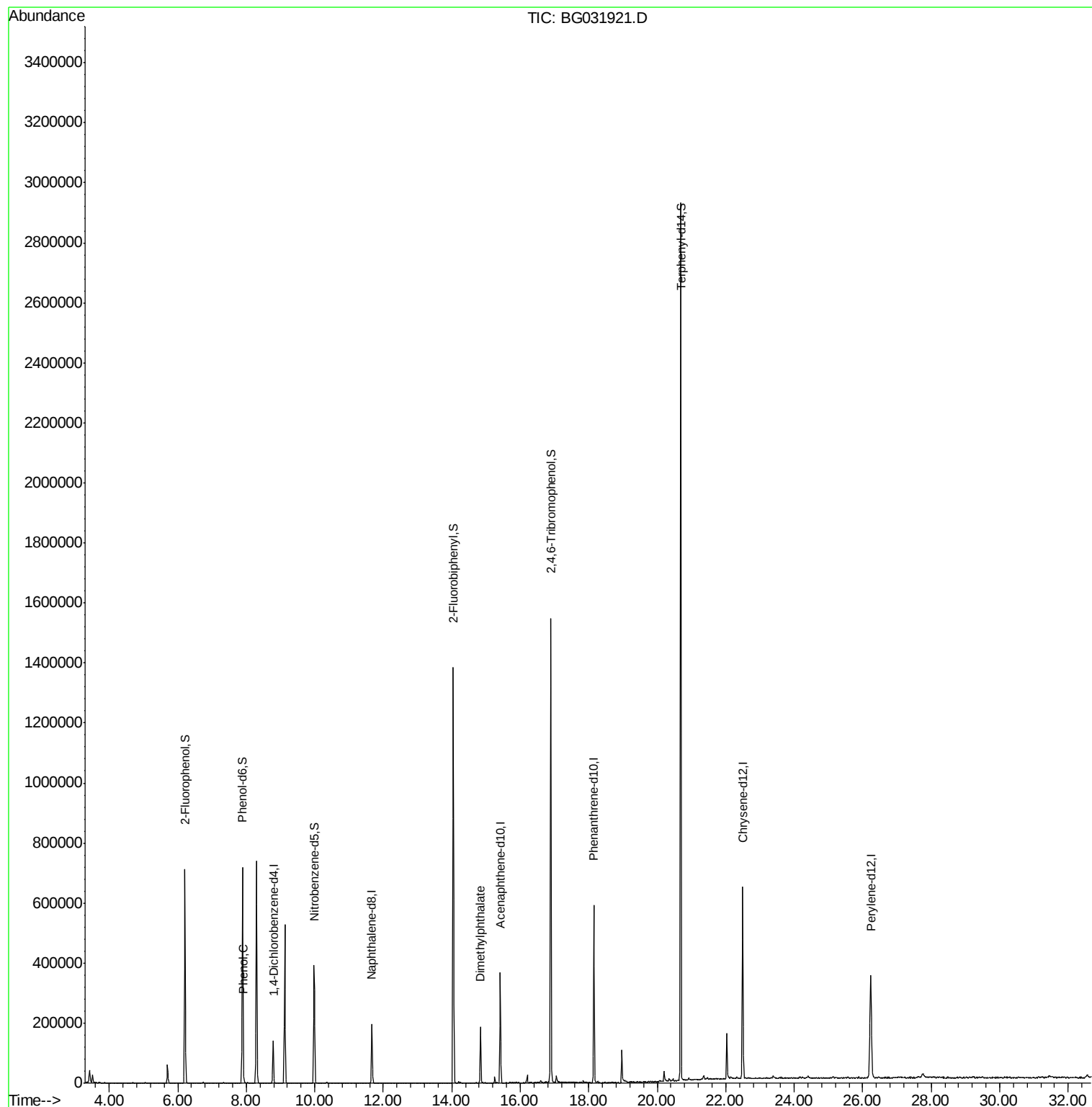
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	49751	20.00	ng	-0.01
21) Naphthalene-d8	11.67	136	201989	20.00	ng	-0.01
38) Acenaphthene-d10	15.42	164	149139	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	404934	20.00	ng	-0.01
75) Chrysene-d12	22.50	240	477596	20.00	ng	-0.01
86) Perylene-d12	26.23	264	469143	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	389490	142.59	ng	0.00
7) Phenol-d6	7.89	99	499010	140.71	ng	0.00
23) Nitrobenzene-d5	9.99	82	266167	99.50	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	369102	162.20	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	836291	70.38	ng	0.00
78) Terphenyl-d14	20.69	244	1613096	77.16	ng	0.00
Target Compounds						
10) Phenol	7.92	94	20677	5.775	ng	92
49) Dimethylphthalate	14.84	163	142262	10.828	ng	98

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

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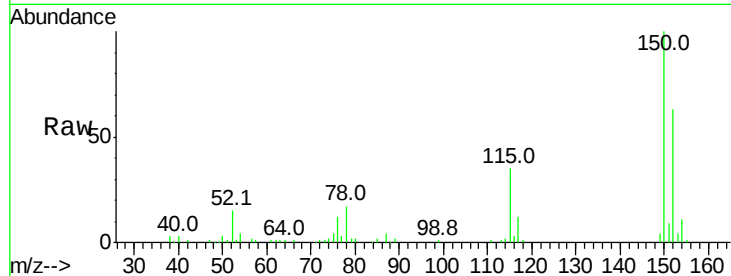


#1

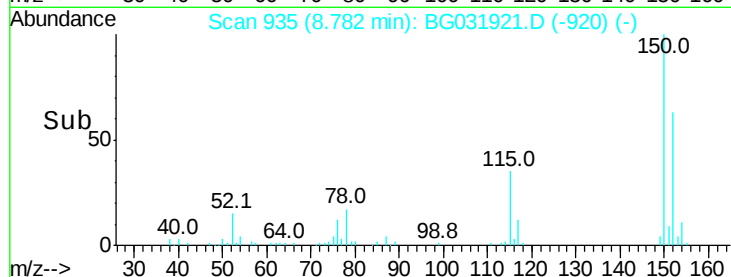
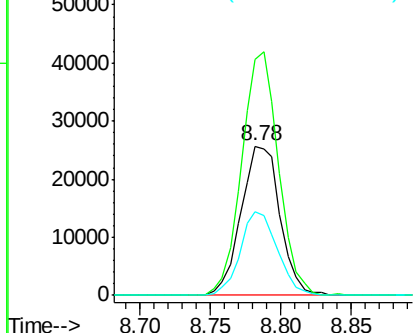
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.78 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BG031921.D
 Acq: 4 Jan 2018 18:44

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-1(60-62)

Tot Ion:152 Resp: 49751
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.6 189.8
 115 55.8 53.0 79.4



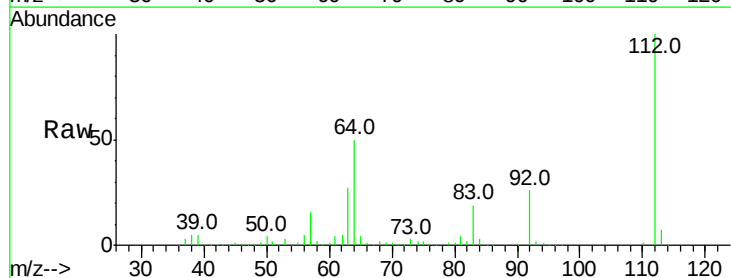
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



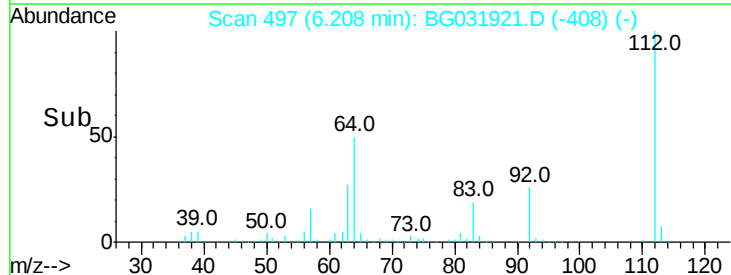
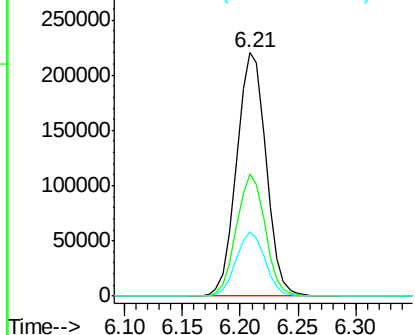
#5

2-Fluorophenol
 Concen: 142.592 ng
 RT: 6.21 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BG031921.D
 Acq: 4 Jan 2018 18:44

Tgt Ion:112 Resp: 389490
 Ion Ratio Lower Upper
 112 100
 64 50.1 56.3 84.5#
 63 26.7 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: 140.710 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031921.D

Acq: 4 Jan 2018 18:44

Instrument :

BNA_G

ClientSampleId :

EPE-105-1(60-62)

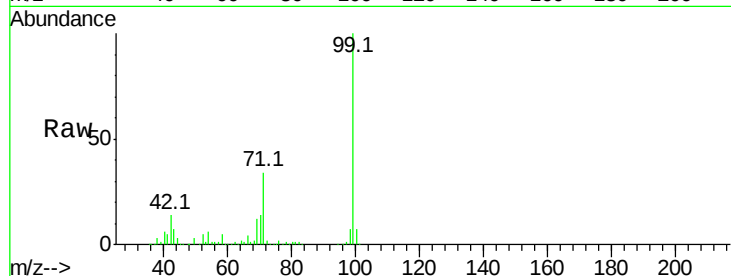
Tot Ion: 99 Resp: 499010

Ion Ratio Lower Upper

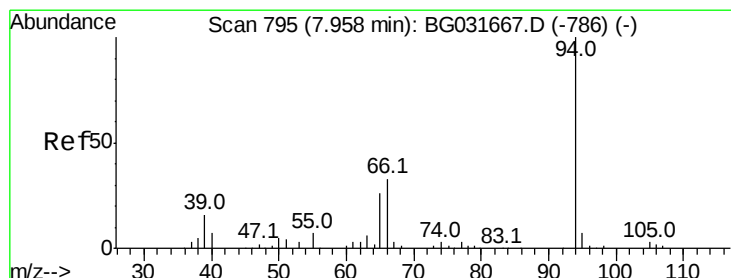
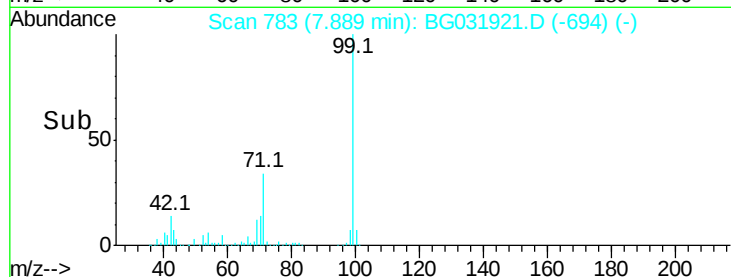
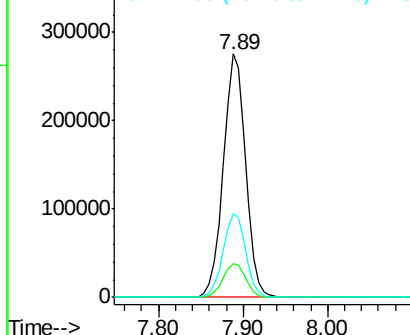
99 100

42 13.8 14.1 21.1#

71 34.1 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



#10

Phenol

Concen: 5.775 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031921.D

Acq: 4 Jan 2018 18:44

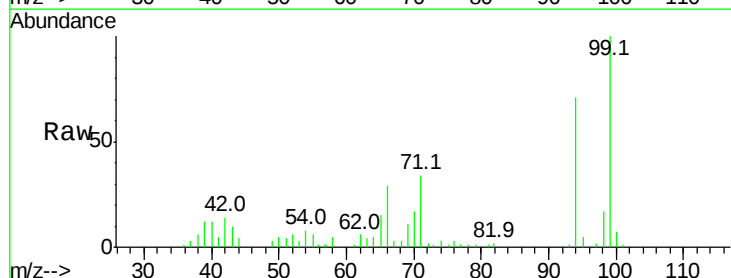
Tgt Ion: 94 Resp: 20677

Ion Ratio Lower Upper

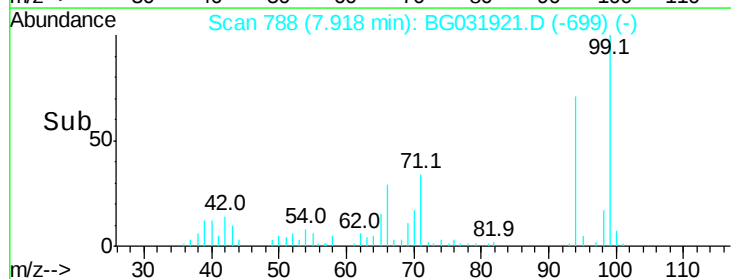
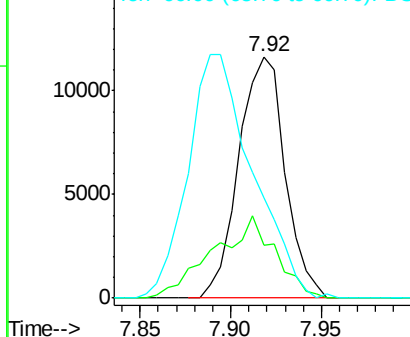
94 100

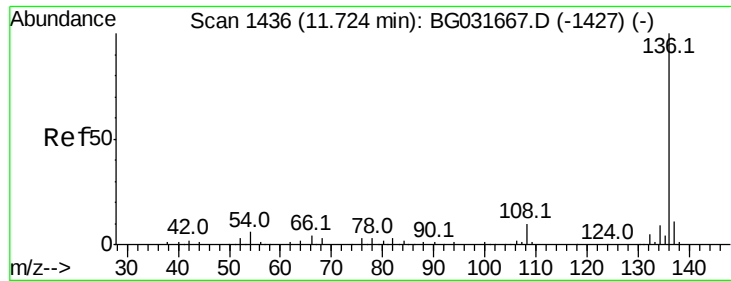
65 21.8 11.9 51.9

66 41.5 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

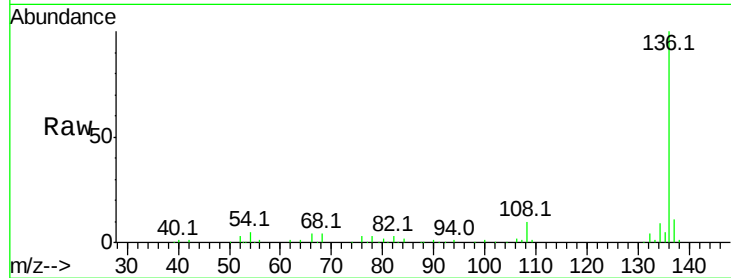




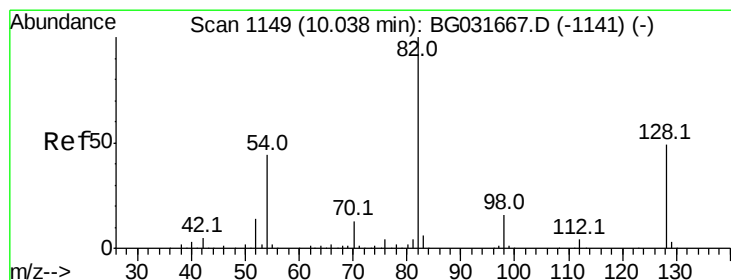
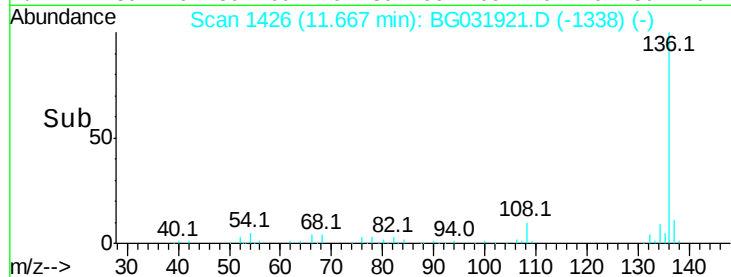
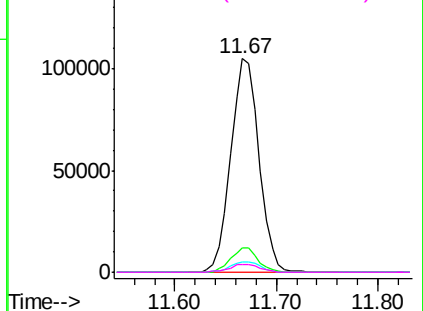
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031921.D
Acq: 4 Jan 2018 18:44

Instrument :
BNA_G
ClientSampleId :
EPE-105-1(60-62)

Tot Ion:136	Resp:	201989
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.2 13.8
54	4.8	10.3 15.5#
68	3.6	4.5 6.7#

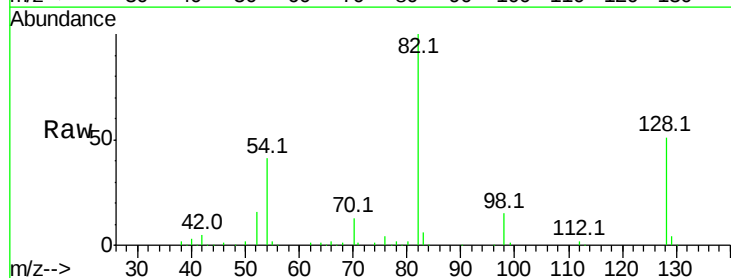


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

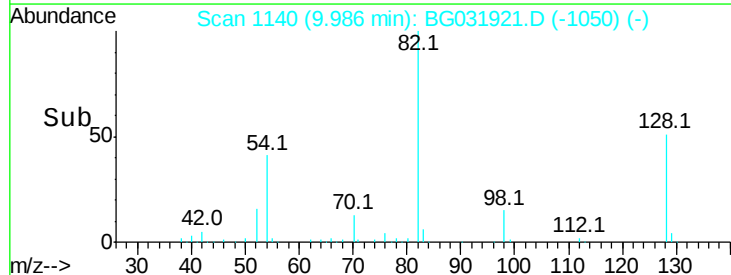
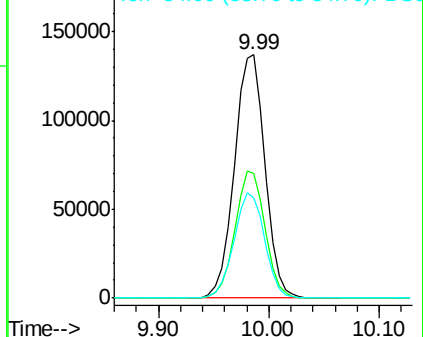


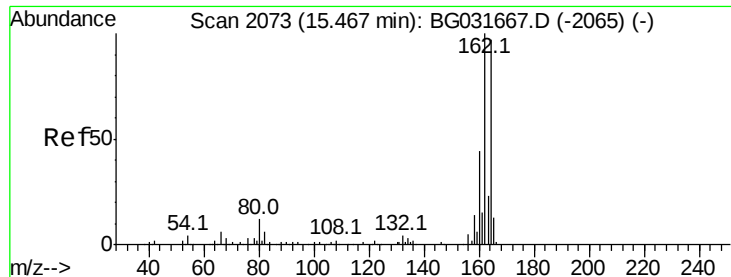
#23
Nitrobenzene-d5
Concen: 99.505 ng
RT: 9.99 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BG031921.D
Acq: 4 Jan 2018 18:44

Tgt Ion: 82	Resp:	266167
Ion	Ratio	Lower Upper
82	100	
128	51.3	29.7 44.5#
54	41.3	43.1 64.7#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.42 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG031921.D

Acq: 4 Jan 2018 18:44

Instrument :

BNA_G

ClientSampleId :

EPE-105-1(60-62)

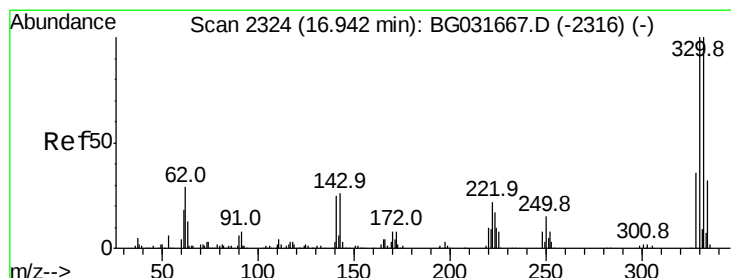
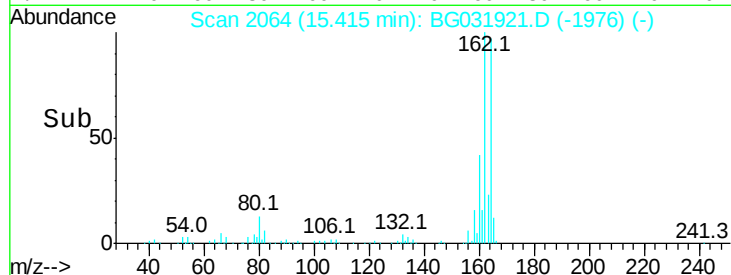
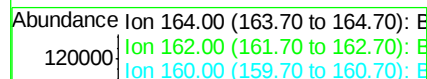
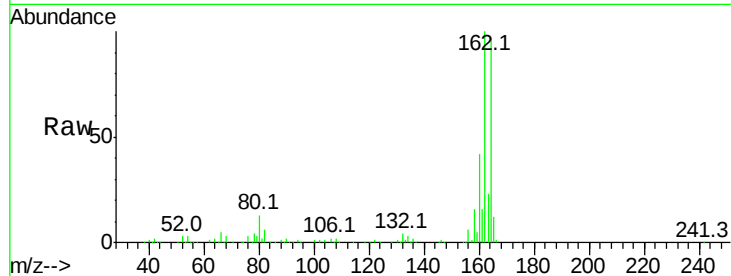
Tot Ion:164 Resp: 149139

Ion Ratio Lower Upper

164 100

162 103.0 78.8 118.2

160 43.3 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 162.196 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BG031921.D

Acq: 4 Jan 2018 18:44

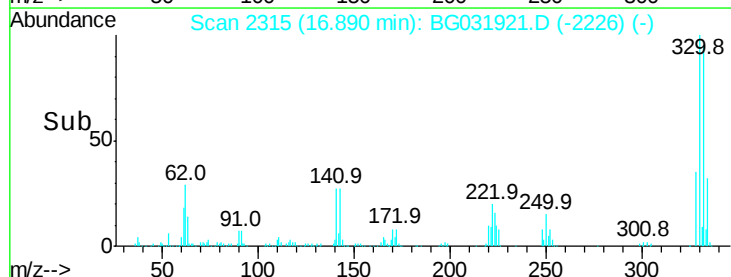
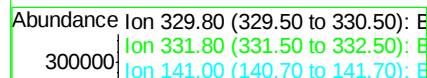
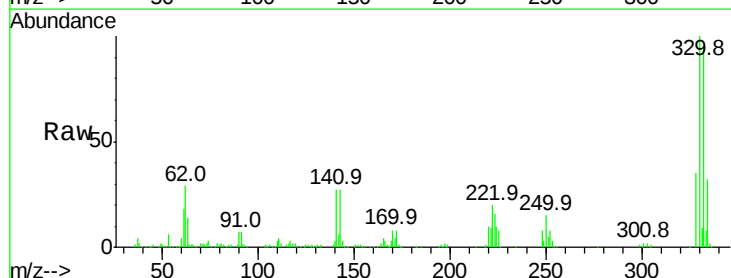
Tgt Ion:330 Resp: 369102

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

141 26.8 25.2 37.8

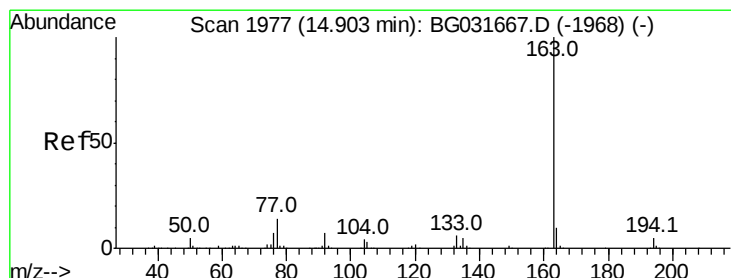
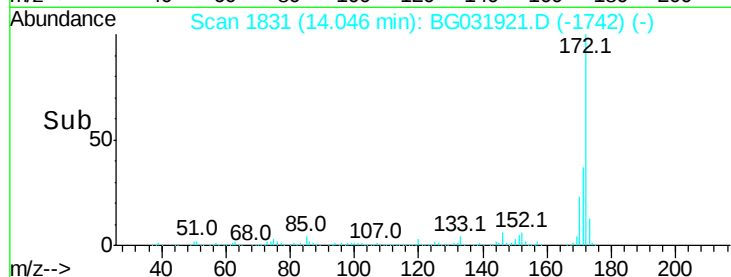
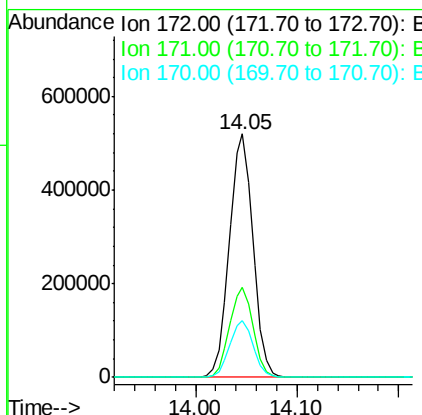
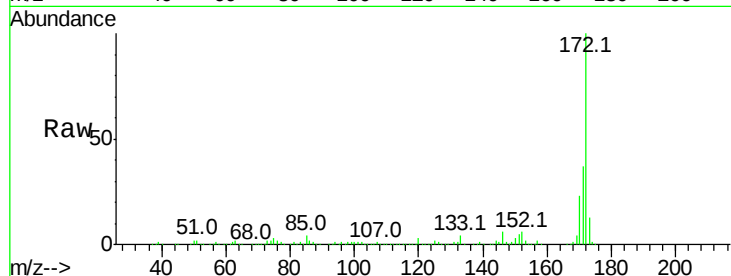




#44
2-Fluorobiphenyl
Concen: 70.381 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG031921.D
Acq: 4 Jan 2018 18:44

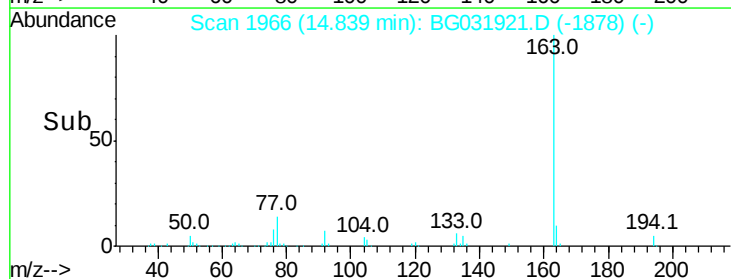
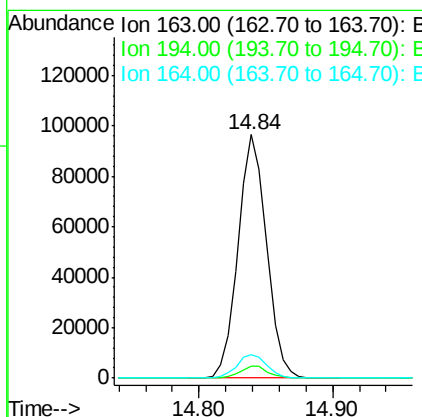
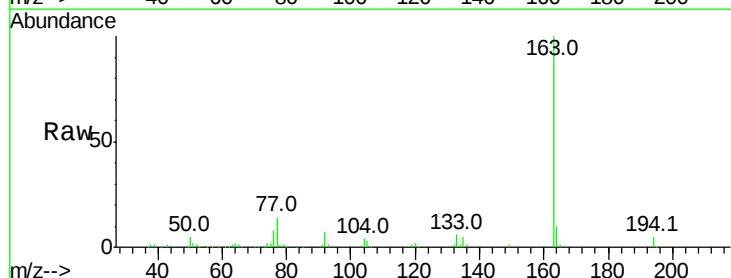
Instrument :
BNA_G
ClientSampleId :
EPE-105-1(60-62)

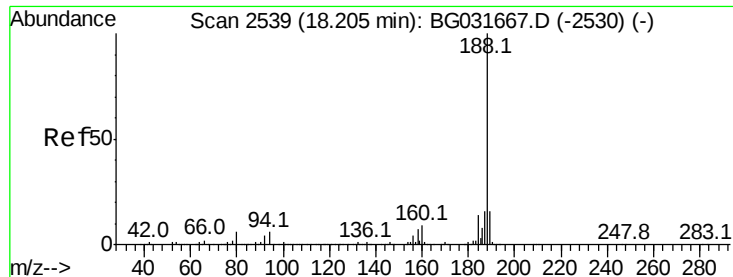
Tot Ion:172 Resp: 836291
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 23.1 19.5 29.3



#49
Dimethylphthalate
Concen: 10.828 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG031921.D
Acq: 4 Jan 2018 18:44

Tgt Ion:163 Resp: 142262
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.2
164 9.8 8.2 12.4

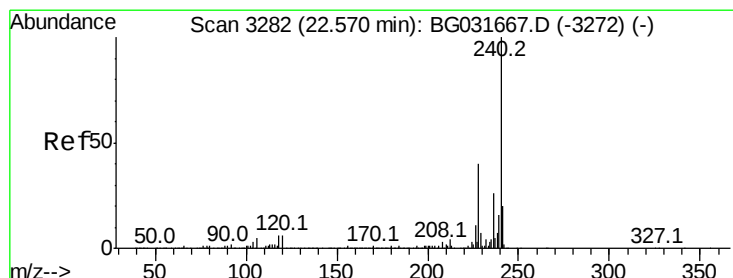
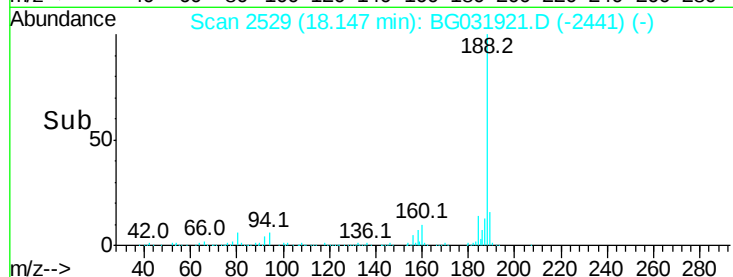
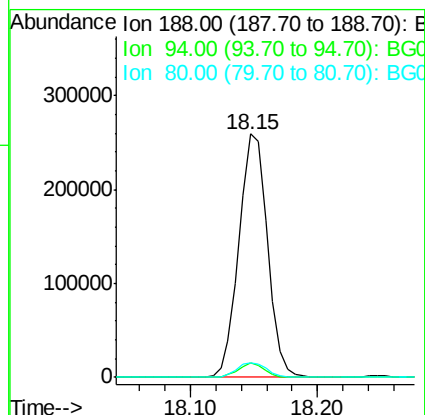
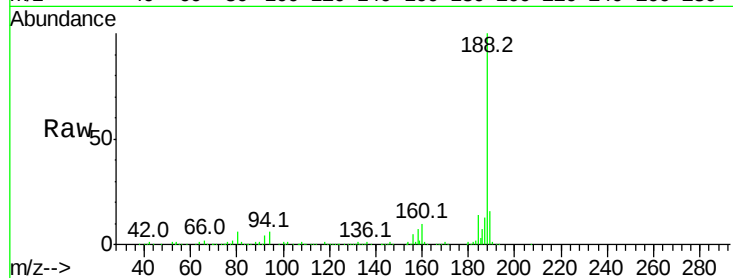




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031921.D
Acq: 4 Jan 2018 18:44

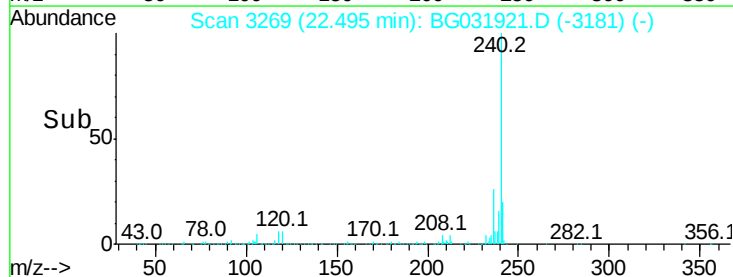
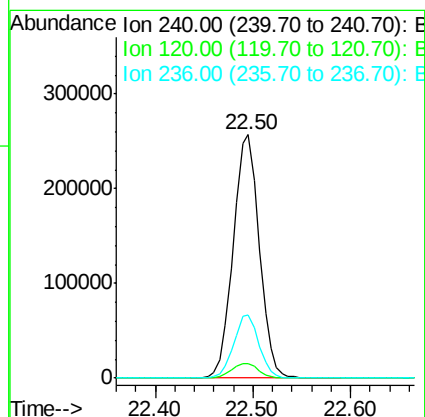
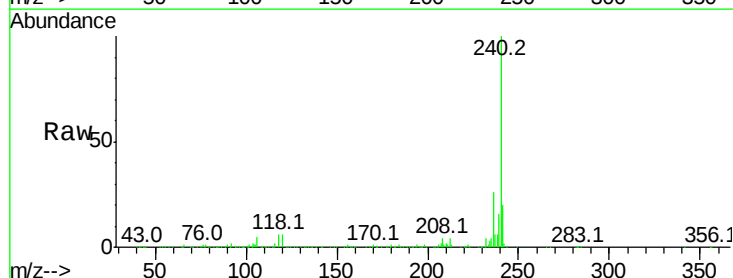
Instrument :
BNA_G
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EPE-105-1(60-62)

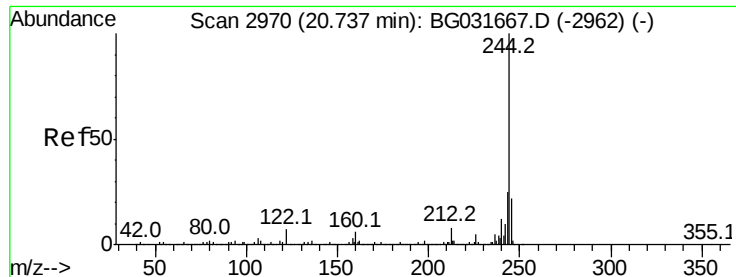
Tot Ion:188 Resp: 404934
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 6.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.50 min Scan# 3269
Delta R.T. -0.01 min
Lab File: BG031921.D
Acq: 4 Jan 2018 18:44

Tgt Ion:240 Resp: 477596
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 25.8 20.9 31.3





#78

Terphenyl-d14

Concen: 77.165 ng

RT: 20.69 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BG031921.D

Acq: 4 Jan 2018 18:44

Instrument :

BNA_G

ClientSampleId :

EPE-105-1(60-62)

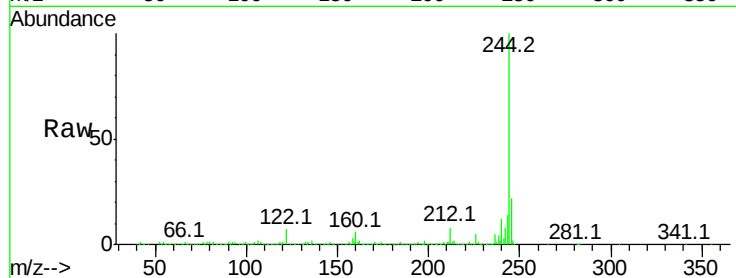
Tot Ion:244 Resp: 1613096

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

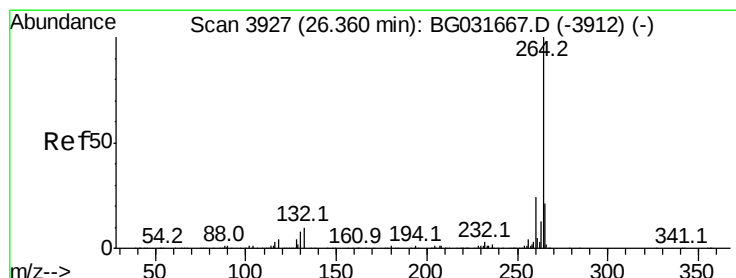
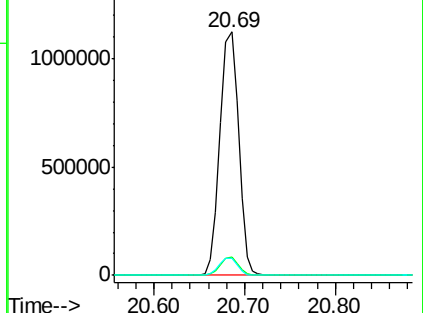
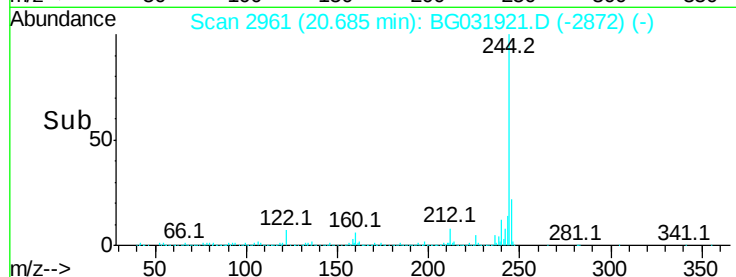
122 6.8 7.0 10.4#



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: 26.23 min Scan# 3905

Delta R.T. -0.02 min

Lab File: BG031921.D

Acq: 4 Jan 2018 18:44

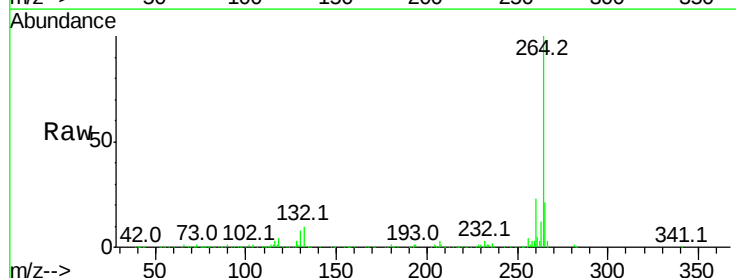
Tgt Ion:264 Resp: 469143

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 20.7 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

