

Data Path : Z:\HPCHEM1\BNA G\DATA\BG103117\
 Data File : BG030620.D
 Acq On : 31 Oct 2017 20:06
 Operator : SJ/JU
 Sample : I6178-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-120-3(35-37)

Quant Time: Nov 01 07:09:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

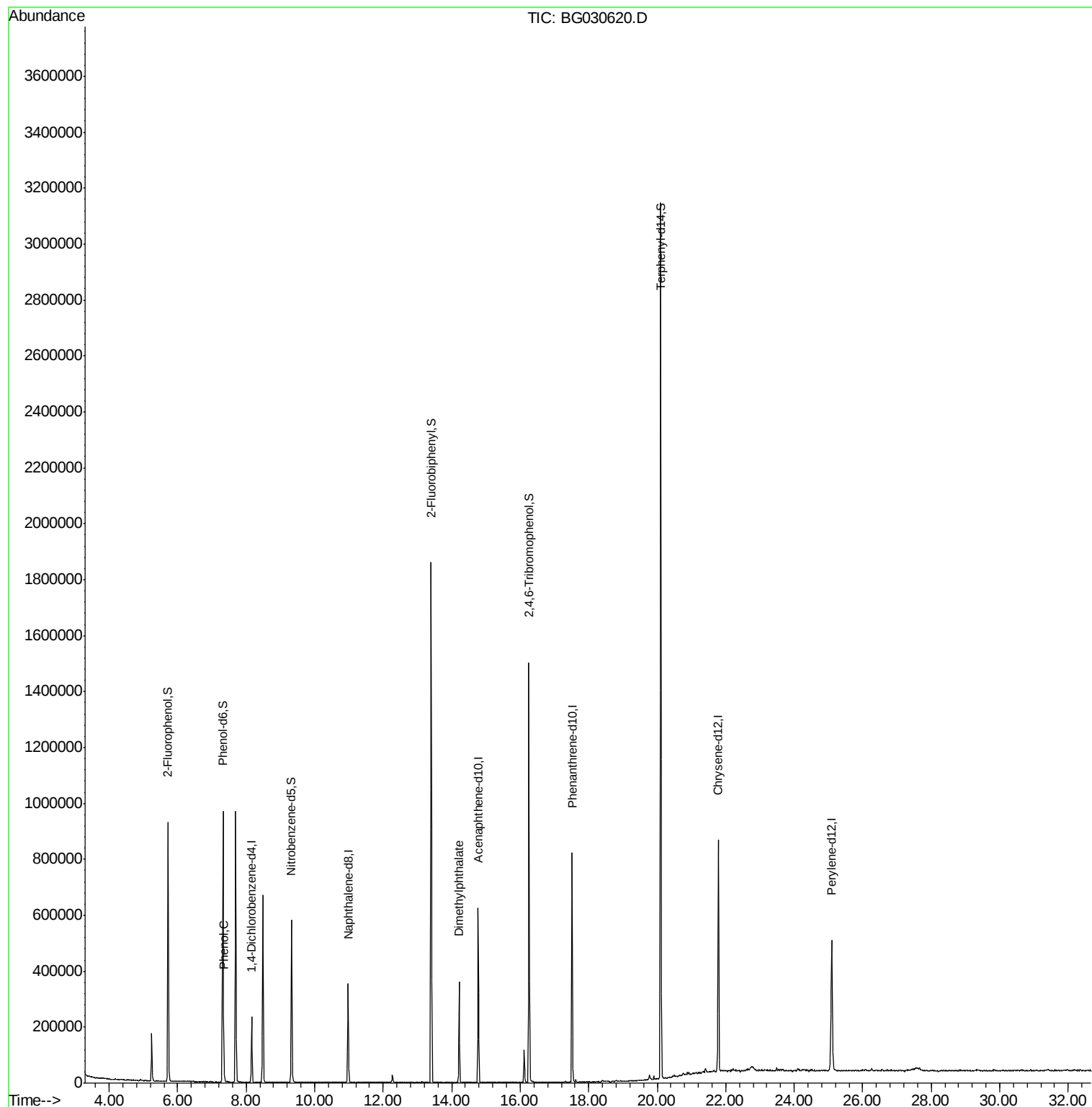
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	68097	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	318639	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	220244	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	494923	20.00	ng	-0.02
75) Chrysene-d12	21.79	240	522909	20.00	ng	-0.02
86) Perylene-d12	25.09	264	517254	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	432618	106.13	ng	0.00
7) Phenol-d6	7.32	99	607251	106.13	ng	0.00
23) Nitrobenzene-d5	9.32	82	355809	70.96	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	303516	106.74	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	1005682	66.97	ng	-0.02
78) Terphenyl-d14	20.11	244	1432721	62.33	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	45063	7.305	ng	95
49) Dimethylphthalate	14.22	163	261016	15.189	ng	99

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

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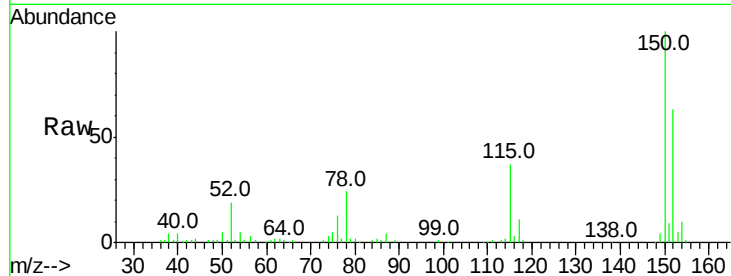


#1

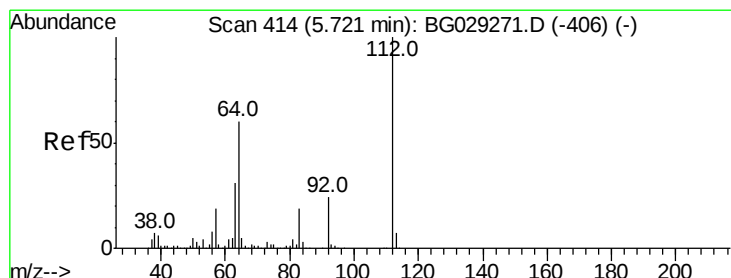
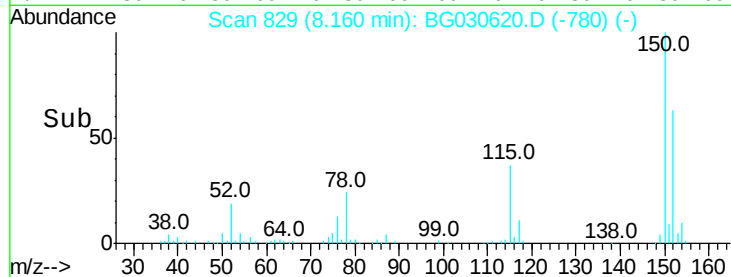
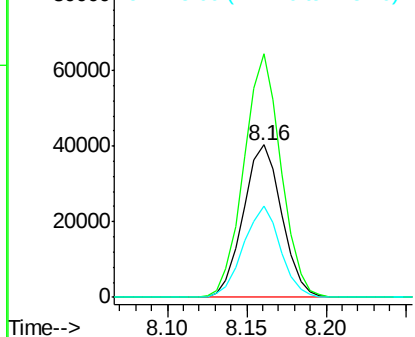
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG030620.D
Acq: 31 Oct 2017 20:06

Instrument :
BNA_G
ClientSampleId :
EPE-120-3(35-37)

Tot Ion:152 Resp: 68097
Ion Ratio Lower Upper
152 100
150 159.5 126.6 189.8
115 59.7 53.0 79.4



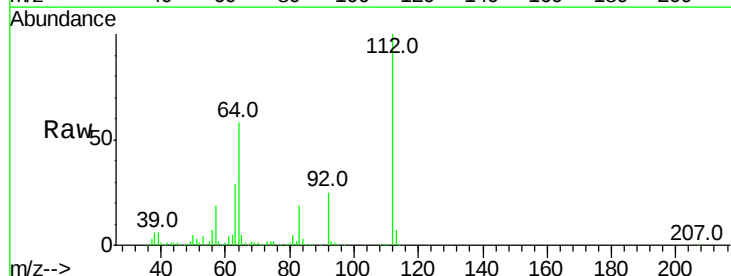
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



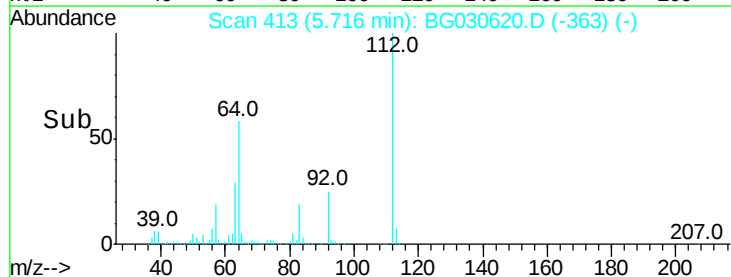
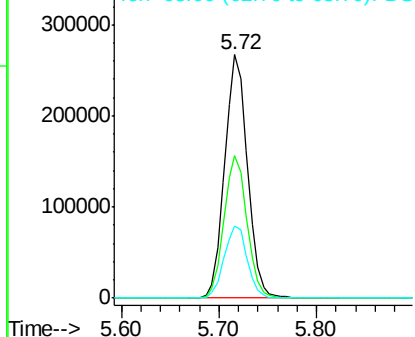
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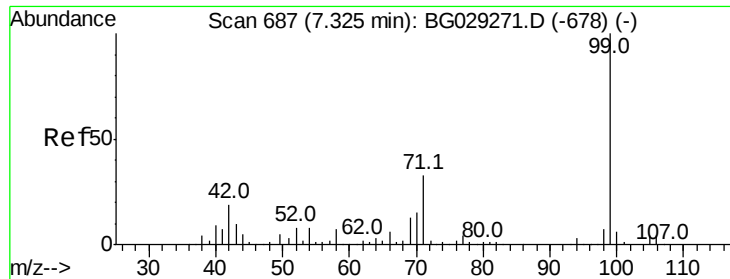
2-Fluorophenol
Concen: 106.130 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030620.D
Acq: 31 Oct 2017 20:06

Tgt Ion:112 Resp: 432618
Ion Ratio Lower Upper
112 100
64 58.4 56.3 84.5
63 29.4 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: 106.130 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030620.D

Acq: 31 Oct 2017 20:06

Instrument :

BNA_G

ClientSampleId :

EPE-120-3(35-37)

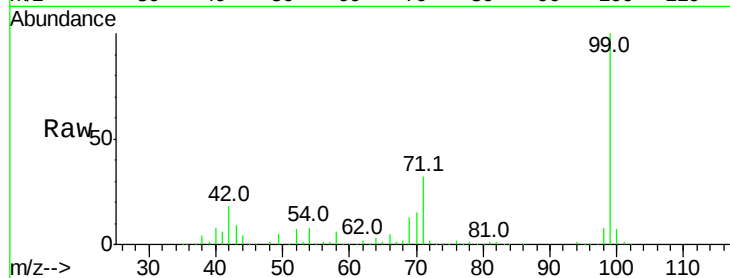
Tot Ion: 99 Resp: 607251

Ion Ratio Lower Upper

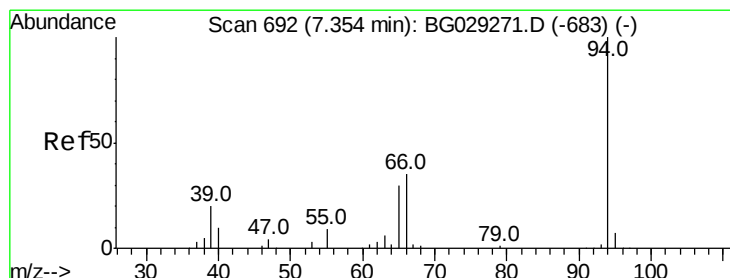
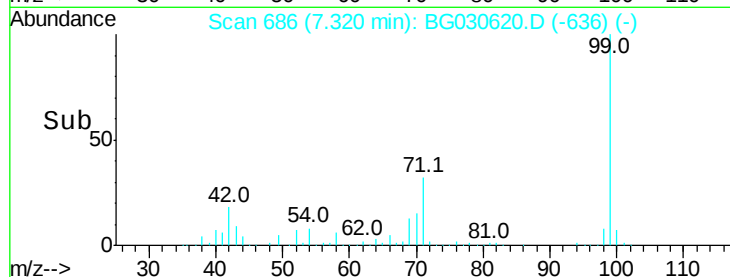
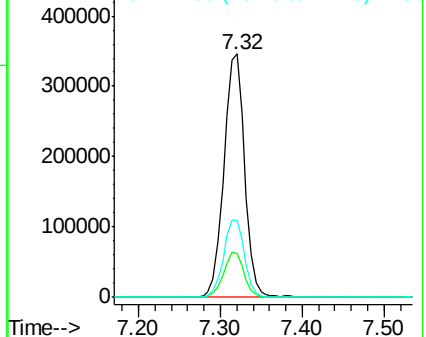
99 100

42 17.9 14.1 21.1

71 31.8 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



#10

Phenol

Concen: 7.305 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030620.D

Acq: 31 Oct 2017 20:06

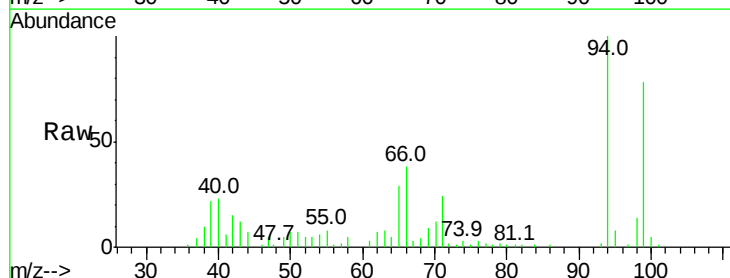
Tgt Ion: 94 Resp: 45063

Ion Ratio Lower Upper

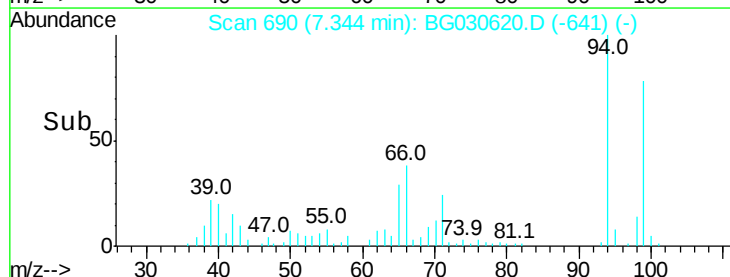
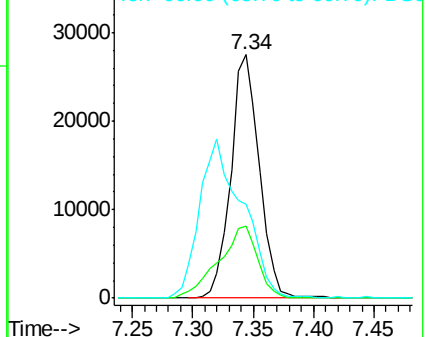
94 100

65 29.4 11.9 51.9

66 38.3 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

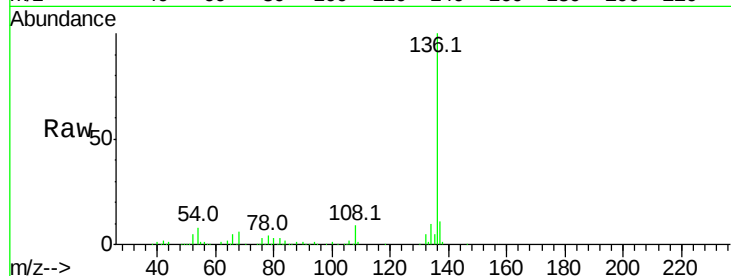




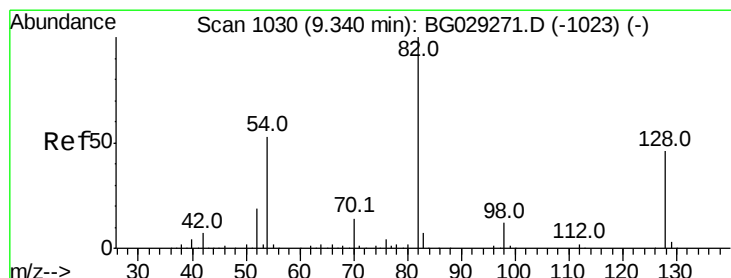
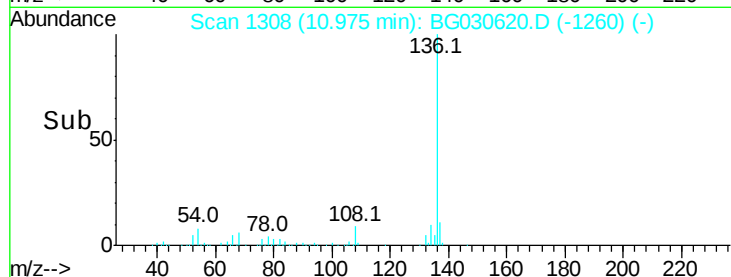
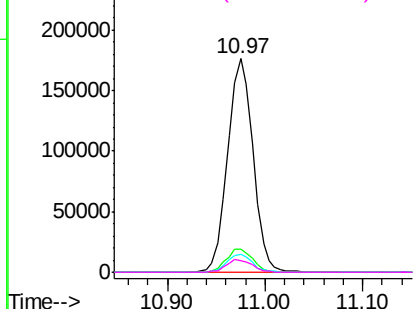
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030620.D
Acq: 31 Oct 2017 20:06

Instrument :
BNA_G
ClientSampleId :
EPE-120-3(35-37)

Tot Ion:136	Resp:	318639
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.2 13.8
54	8.3	10.3 15.5#
68	5.6	4.5 6.7

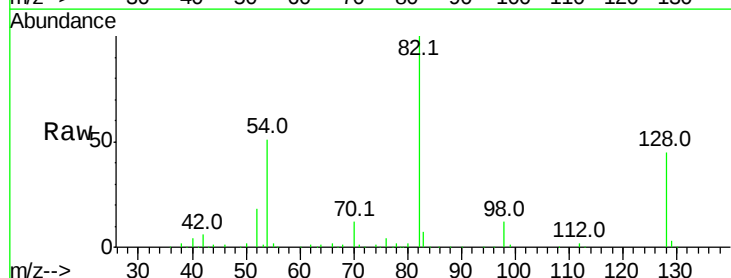


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

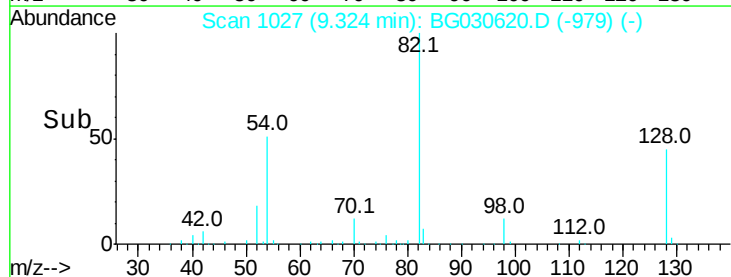
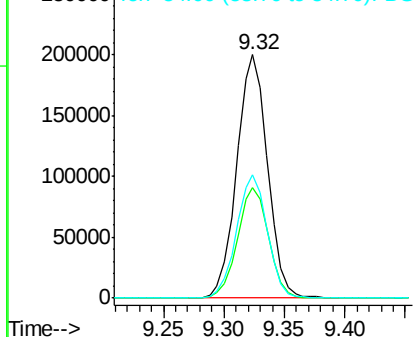


#23
Nitrobenzene-d5
Concen: 70.960 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030620.D
Acq: 31 Oct 2017 20:06

Tgt Ion: 82	Resp:	355809
Ion Ratio	Lower	Upper
82	100	
128	45.4	29.7 44.5#
54	50.8	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

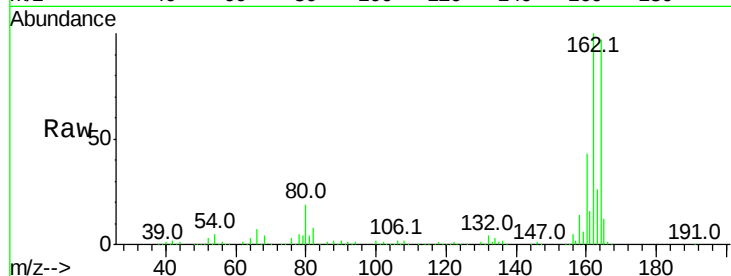




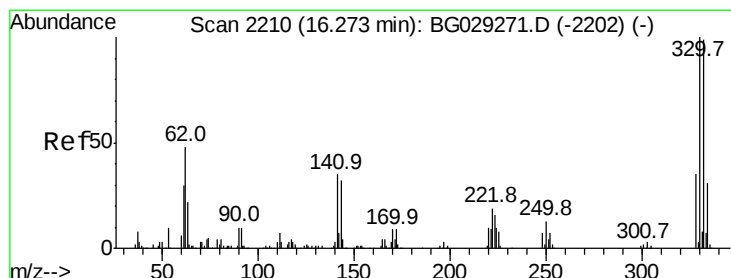
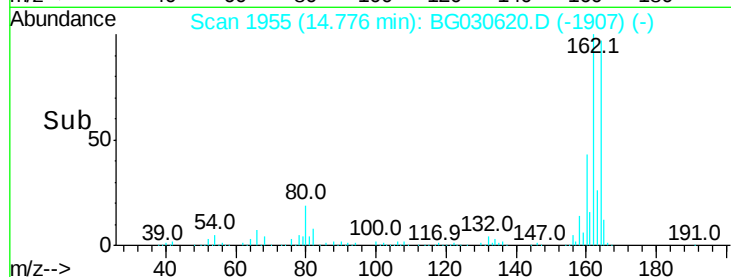
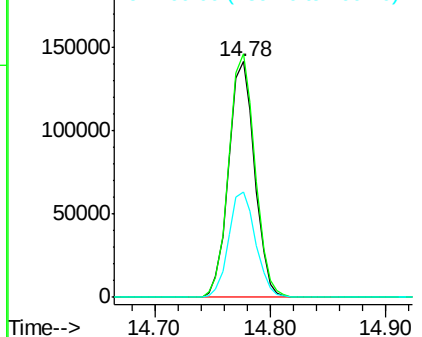
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG030620.D
Acq: 31 Oct 2017 20:06

Instrument :
BNA_G
ClientSampleId :
EPE-120-3(35-37)

Tot Ion:164 Resp: 220244
Ion Ratio Lower Upper
164 100
162 103.4 78.8 118.2
160 44.6 35.4 53.0

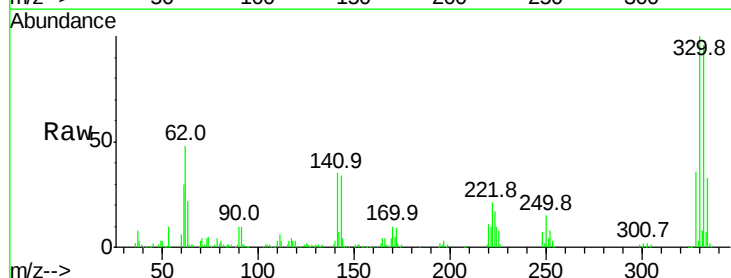


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

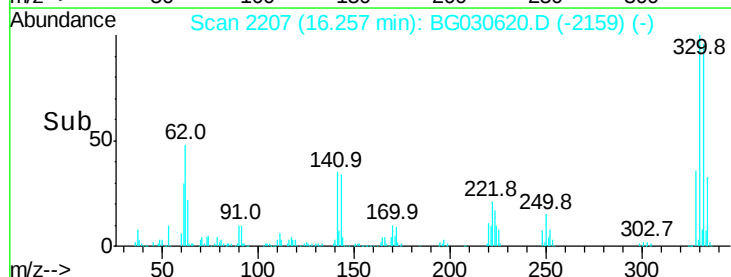
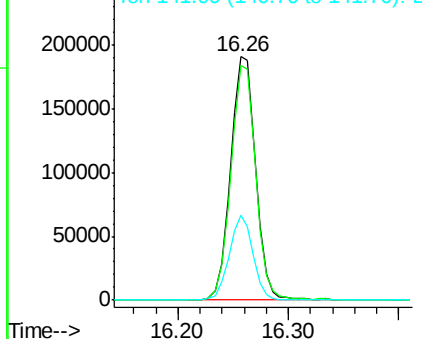


#41
2,4,6-Tribromophenol
Concen: 106.737 ng
RT: 16.26 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG030620.D
Acq: 31 Oct 2017 20:06

Tgt Ion:330 Resp: 303516
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 33.1 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



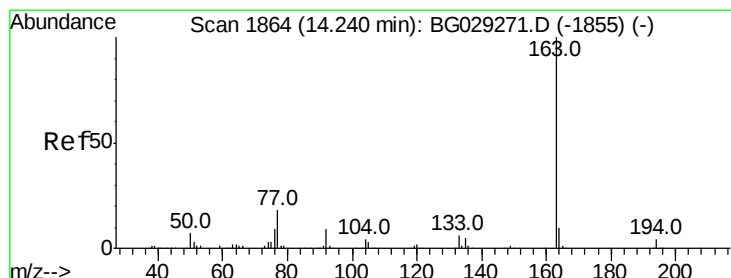
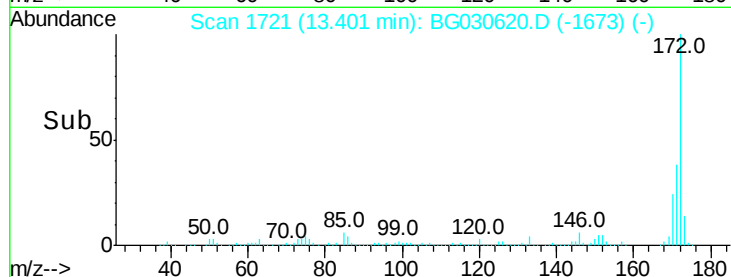
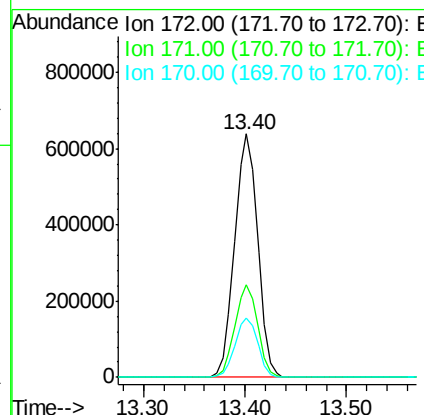
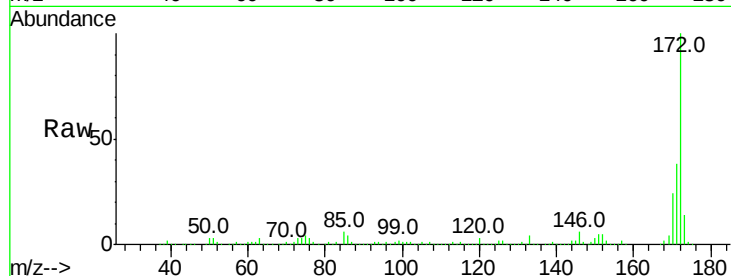


#44
2-Fluorobiphenyl
Concen: 66.971 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG030620.D
Acq: 31 Oct 2017 20:06

Instrument :
BNA_G
ClientSampleId :
EPE-120-3(35-37)

Tot Ion:172 Resp: 1005682

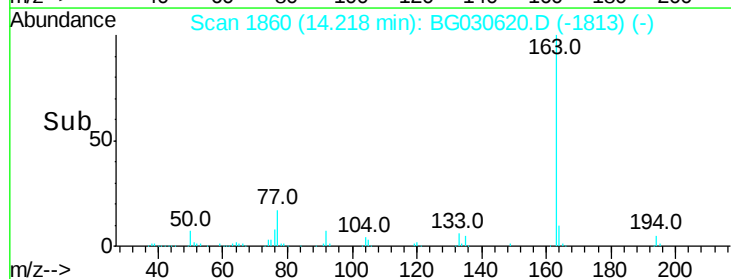
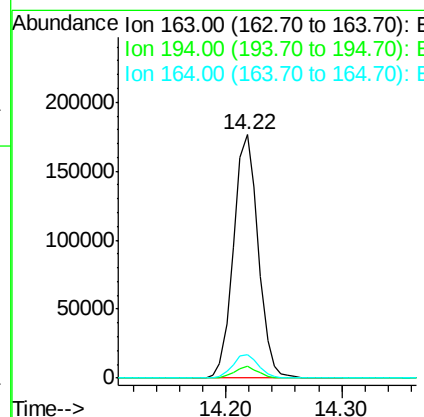
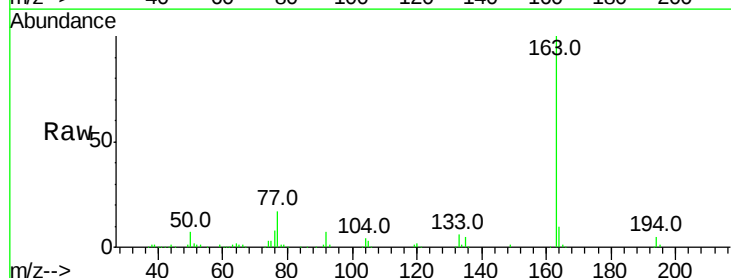
Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.2	19.5	29.3

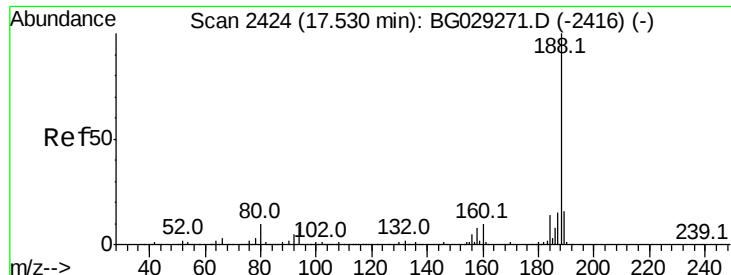


#49
Dimethylphthalate
Concen: 15.189 ng
RT: 14.22 min Scan# 1860
Delta R.T. -0.02 min
Lab File: BG030620.D
Acq: 31 Oct 2017 20:06

Tgt Ion:163 Resp: 261016

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	9.8	8.2	12.4

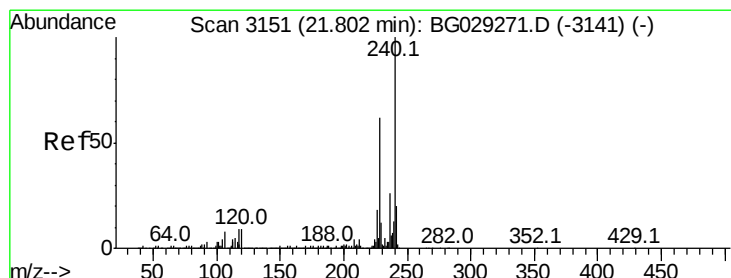
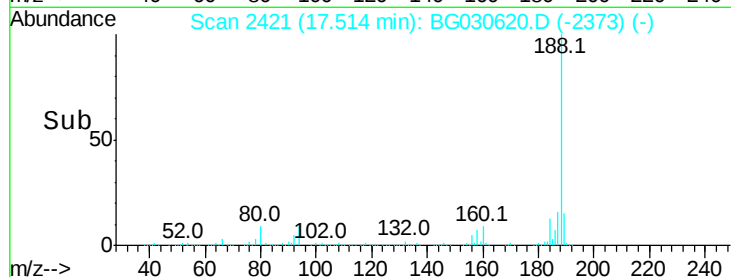
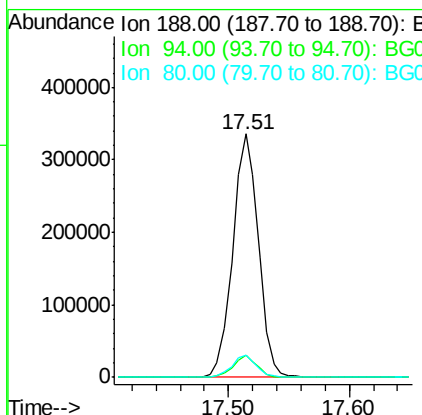
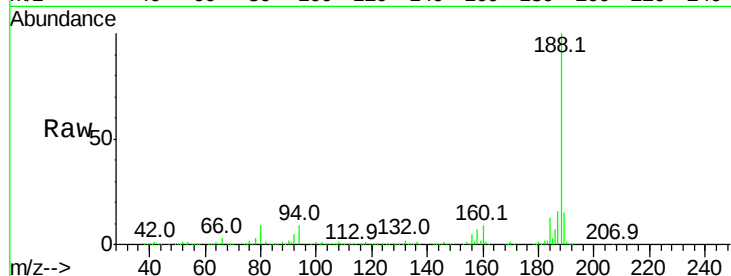




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG030620.D
Acq: 31 Oct 2017 20:06

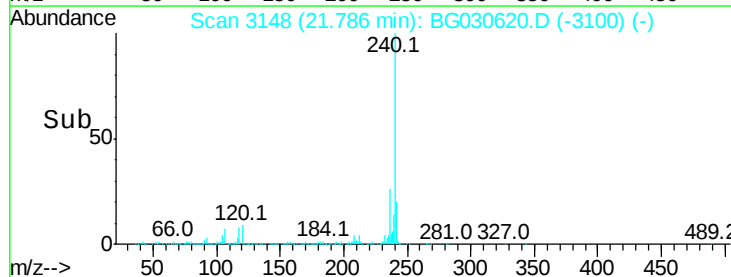
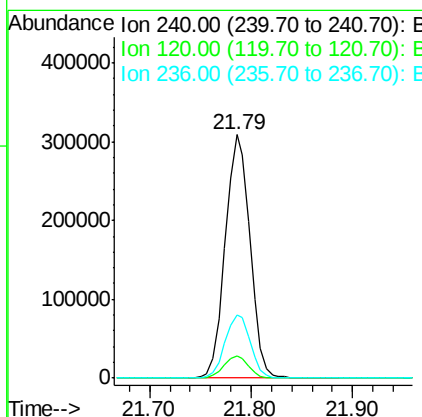
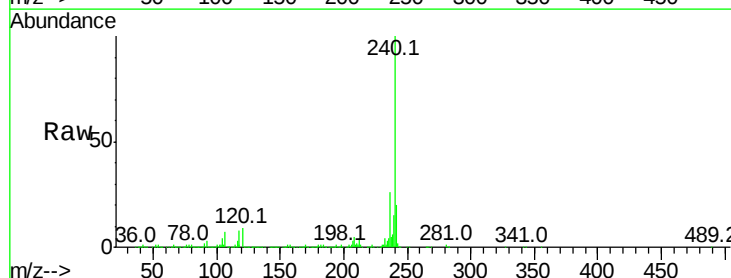
Instrument :
BNA_G
ClientSampleId :
EPE-120-3(35-37)

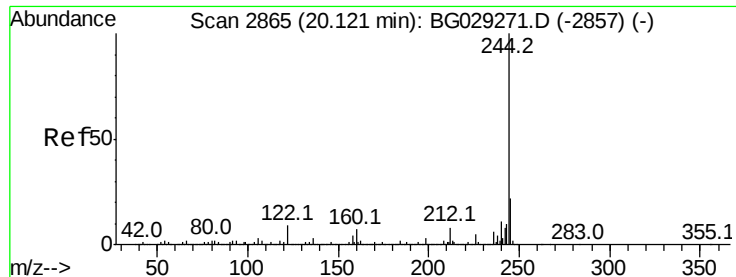
Tot Ion:188 Resp: 494923
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 9.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG030620.D
Acq: 31 Oct 2017 20:06

Tgt Ion:240 Resp: 522909
Ion Ratio Lower Upper
240 100
120 9.1 6.8 10.2
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 62.331 ng

RT: 20.11 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG030620.D

Acq: 31 Oct 2017 20:06

Instrument :

BNA_G

ClientSampleId :

EPE-120-3(35-37)

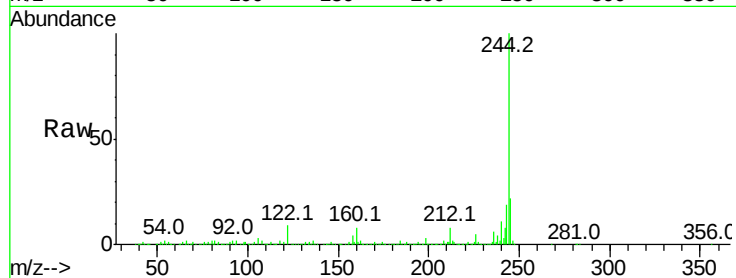
Tot Ion:244 Resp: 1432721

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	9.4	7.0	10.4

244 100

212 8.1 5.8 8.8

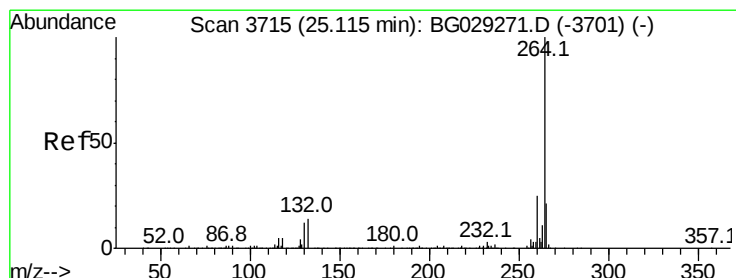
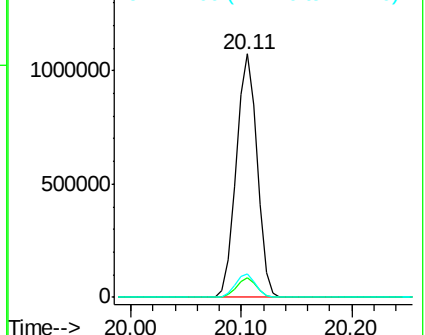
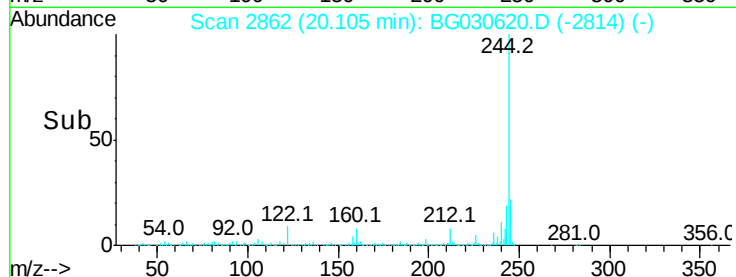
122 9.4 7.0 10.4



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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG030620.D

Acq: 31 Oct 2017 20:06

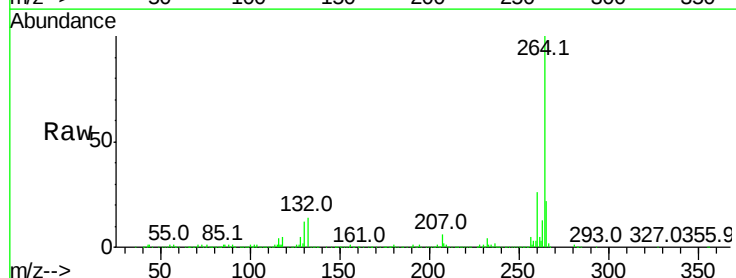
Tgt Ion:264 Resp: 517254

Ion	Ratio	Lower	Upper
264	100		
260	25.5	17.4	26.0
265	22.2	17.7	26.5

264 100

260 25.5 17.4 26.0

265 22.2 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

