

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030534.D
 Acq On : 28 Oct 2017 19:22
 Operator : SJ/JU
 Sample : I6029-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-108-2(85-87)

Quant Time: Oct 30 07:17:29 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

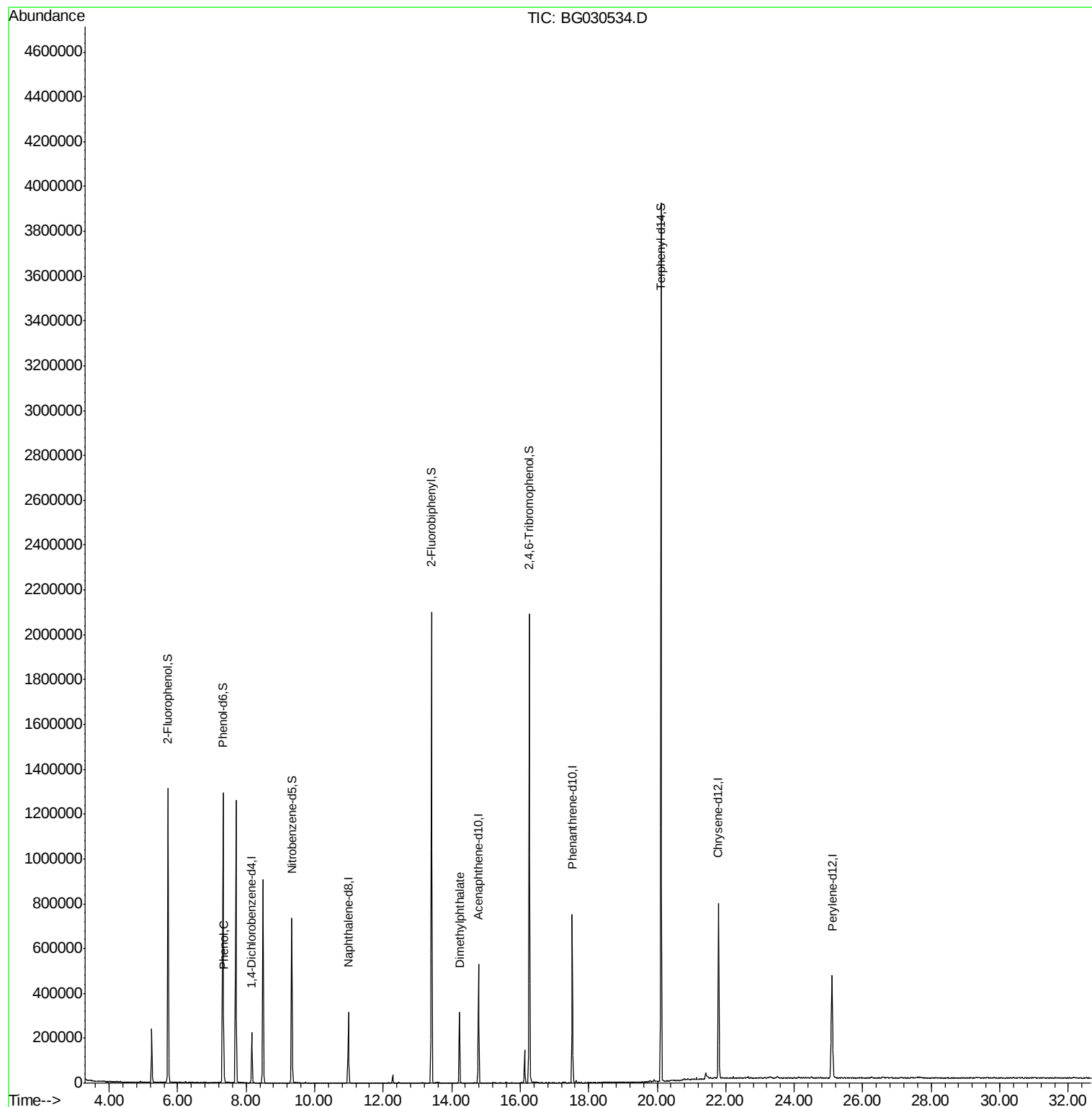
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	64994	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	281680	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	186272	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	472281	20.00	ng	0.00
75) Chrysene-d12	21.79	240	496842	20.00	ng	-0.01
86) Perylene-d12	25.10	264	501960	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	597704	153.63	ng	0.00
7) Phenol-d6	7.32	99	788425	144.37	ng	0.00
23) Nitrobenzene-d5	9.33	82	448776	101.24	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	406775	169.14	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1136525	89.49	ng	0.00
78) Terphenyl-d14	20.11	244	1855126	84.94	ng	-0.01
Target Compounds						
10) Phenol	7.35	94	41888	7.115	ng	96
49) Dimethylphthalate	14.23	163	229455	15.788	ng	100

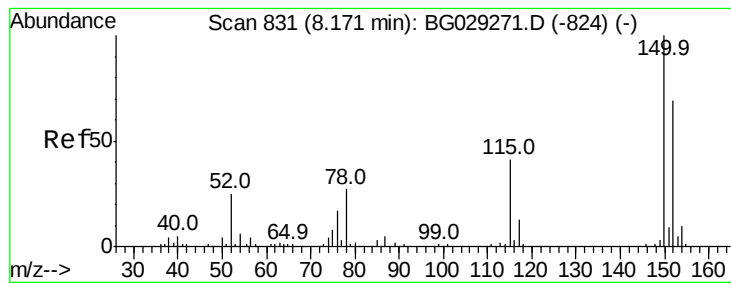
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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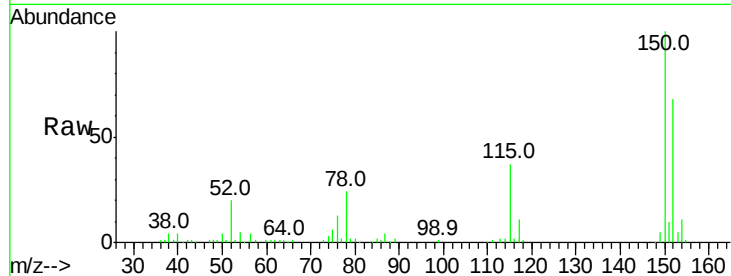


#1

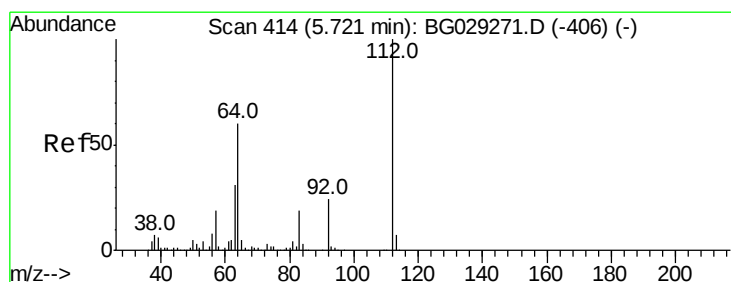
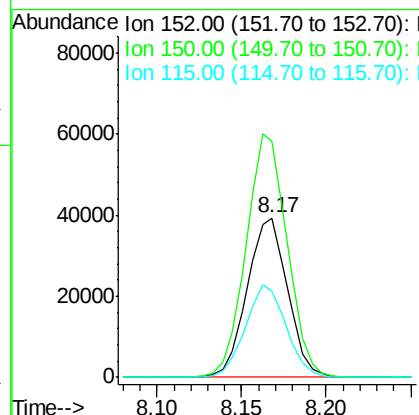
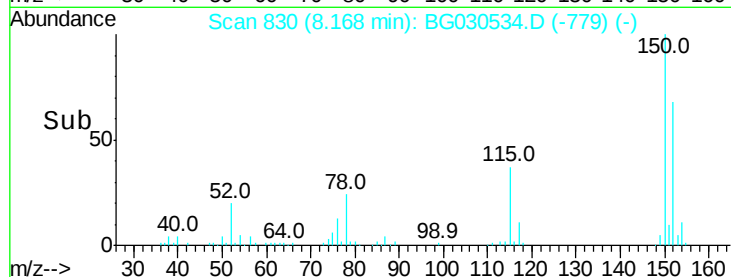
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030534.D
Acq: 28 Oct 2017 19:22

Instrument :
BNA_G
ClientSampleId :
EPE-108-2(85-87)

Tot Ion:152 Resp: 64994
Ion Ratio Lower Upper
152 100
150 148.0 126.6 189.8
115 54.4 53.0 79.4



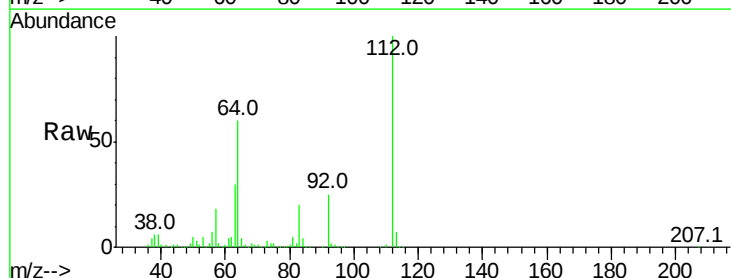
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



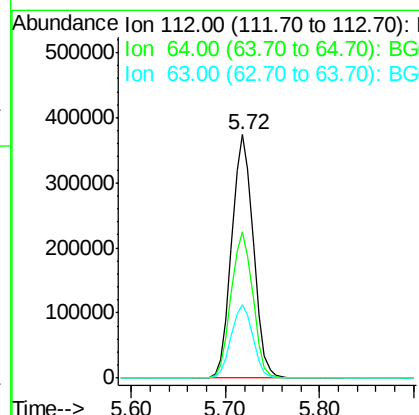
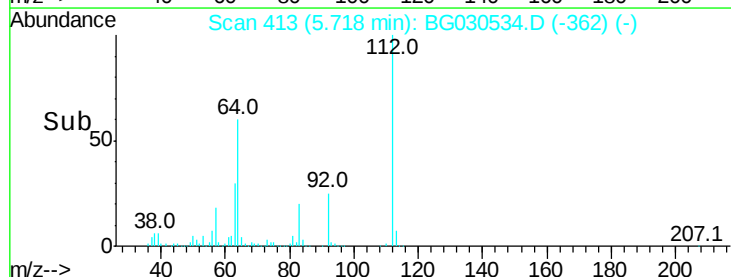
#5

2-Fluorophenol
Concen: 153.629 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030534.D
Acq: 28 Oct 2017 19:22

Tgt Ion:112 Resp: 597704
Ion Ratio Lower Upper
112 100
64 59.9 56.3 84.5
63 30.4 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: 144.373 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030534.D

Acq: 28 Oct 2017 19:22

Instrument :

BNA_G

ClientSampleId :

EPE-108-2(85-87)

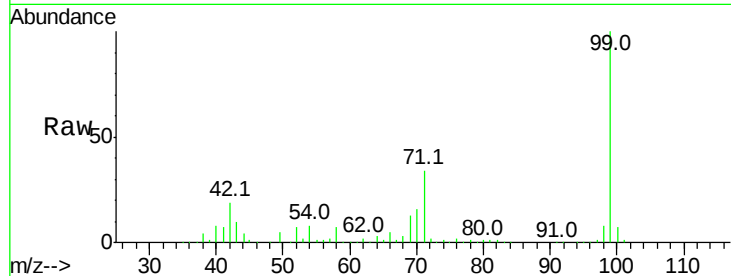
Tot Ion: 99 Resp: 788425

Ion Ratio Lower Upper

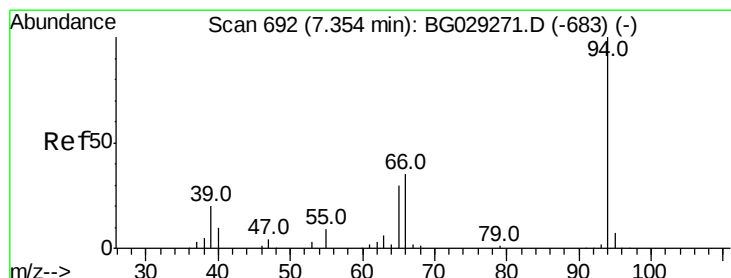
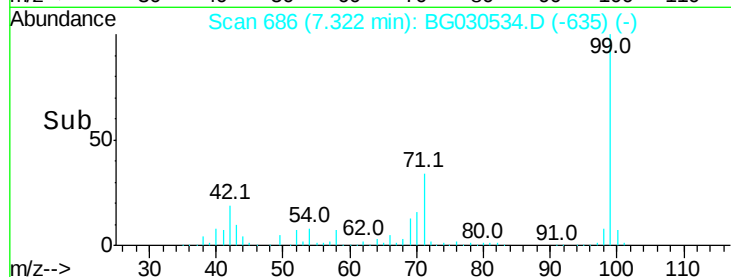
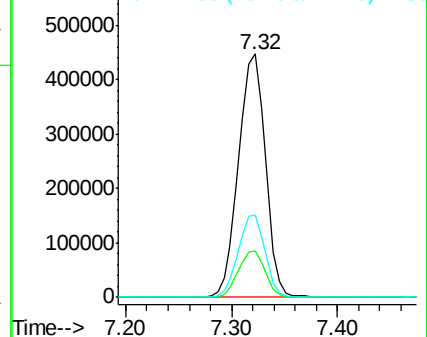
99 100

42 19.2 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



#10

Phenol

Concen: 7.115 ng

RT: 7.35 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030534.D

Acq: 28 Oct 2017 19:22

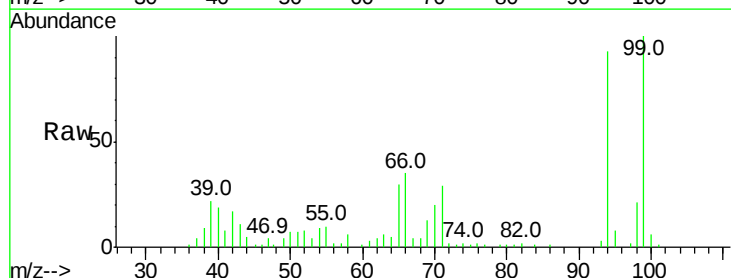
Tgt Ion: 94 Resp: 41888

Ion Ratio Lower Upper

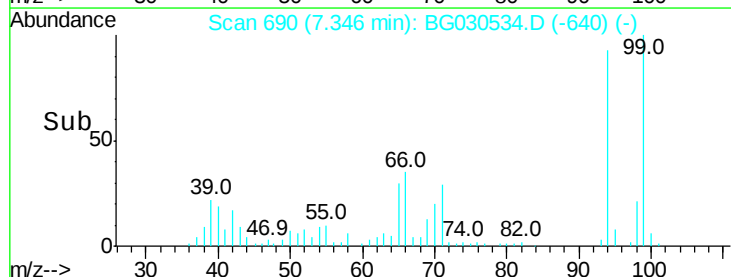
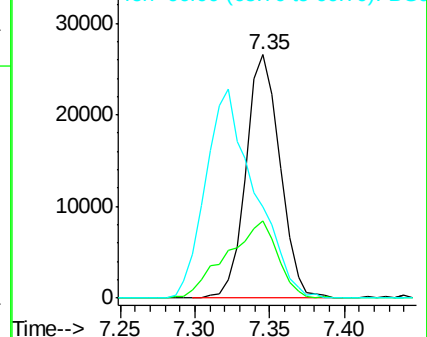
94 100

65 31.9 11.9 51.9

66 37.4 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

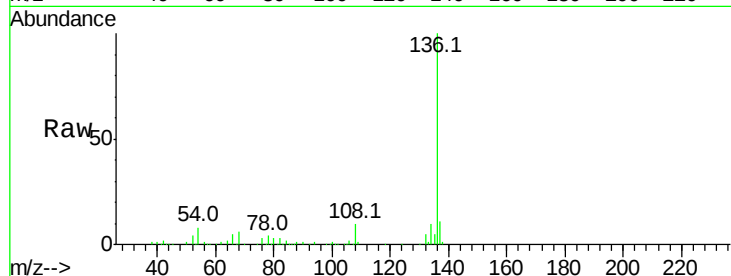




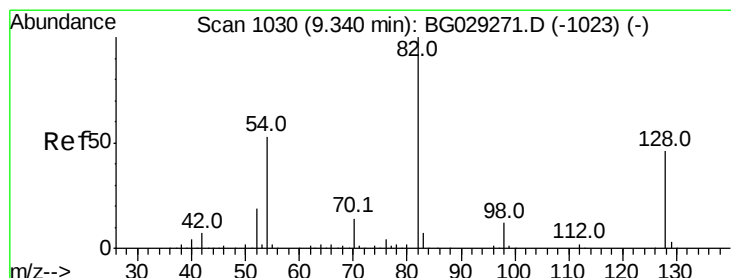
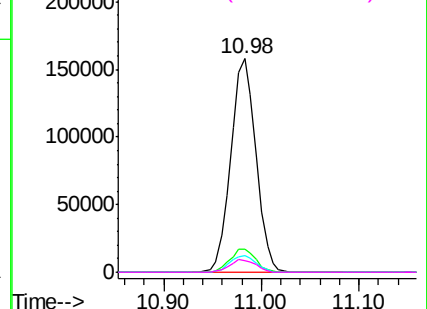
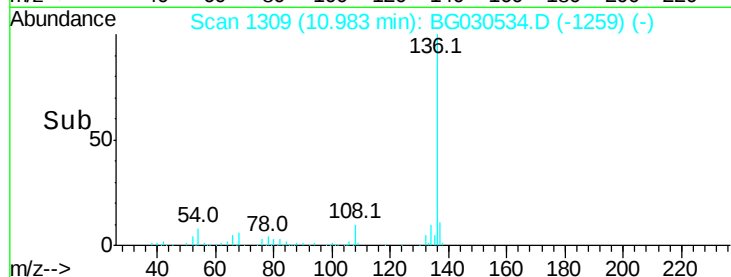
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG030534.D
Acq: 28 Oct 2017 19:22

Instrument :
BNA_G
ClientSampleId :
EPE-108-2(85-87)

Tot Ion:136	Resp:	281680
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.2 13.8
54	8.0	10.3 15.5#
68	5.7	4.5 6.7

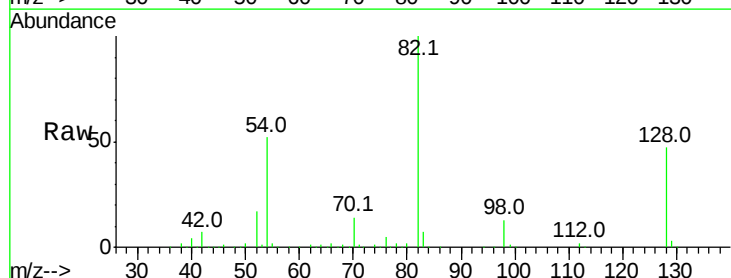


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

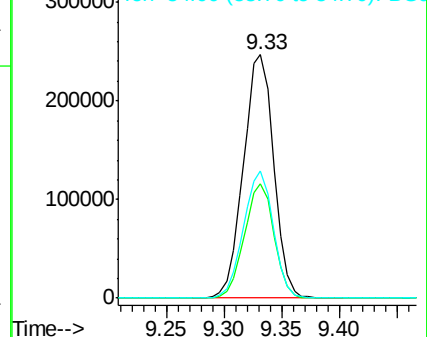
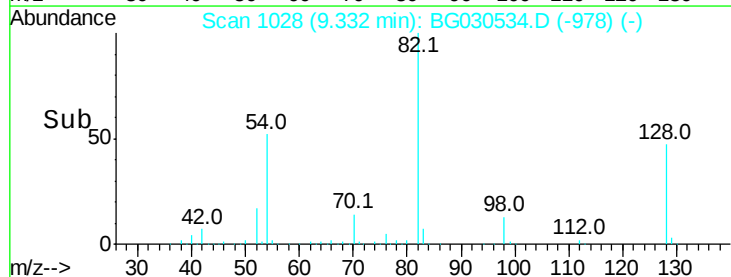


#23
Nitrobenzene-d5
Concen: 101.244 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030534.D
Acq: 28 Oct 2017 19:22

Tgt Ion: 82	Resp:	448776
Ion	Ratio	Lower Upper
82	100	
128	47.0	29.7 44.5#
54	52.2	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

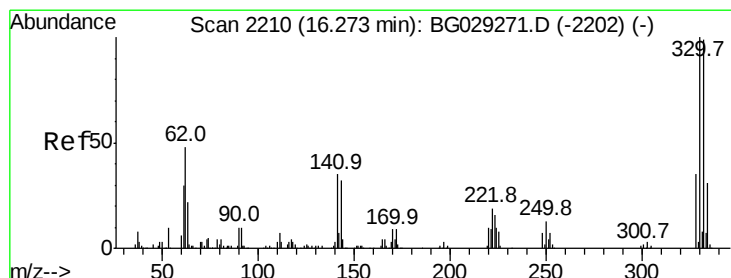
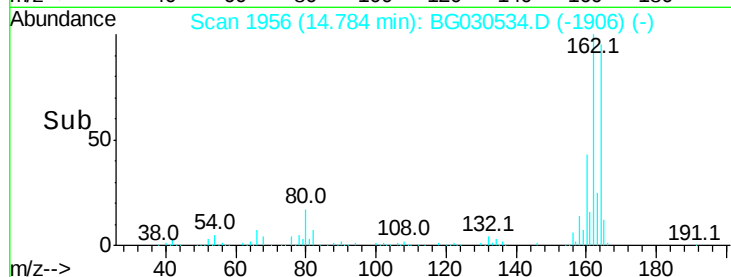
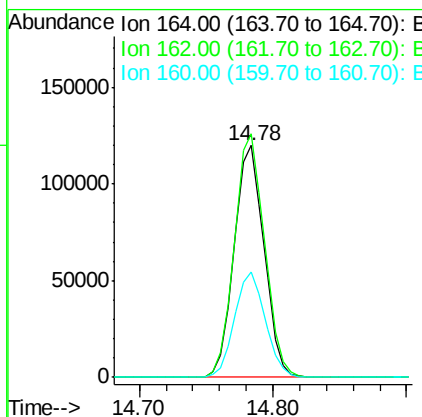
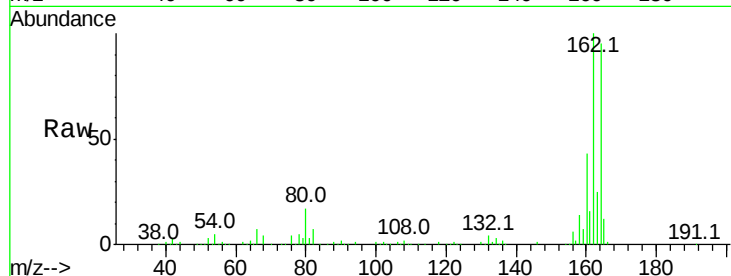




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030534.D
Acq: 28 Oct 2017 19:22

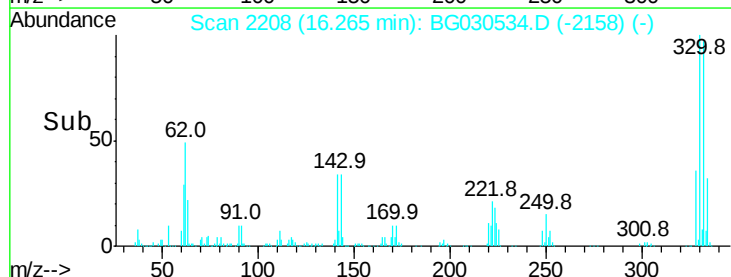
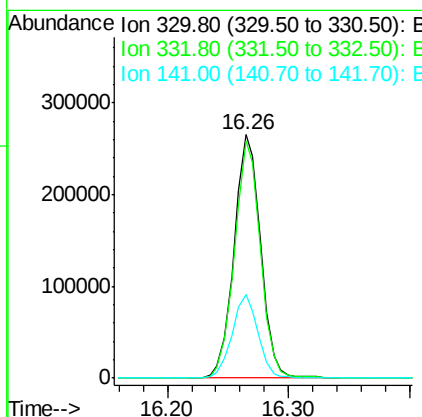
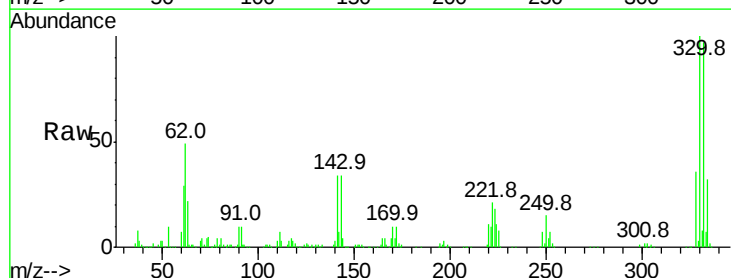
Instrument :
BNA_G
ClientSampleId :
EPE-108-2(85-87)

Tot Ion:164 Resp: 186272
Ion Ratio Lower Upper
164 100
162 105.1 78.8 118.2
160 45.6 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 169.140 ng
RT: 16.26 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG030534.D
Acq: 28 Oct 2017 19:22

Tgt Ion:330 Resp: 406775
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 33.7 25.2 37.8



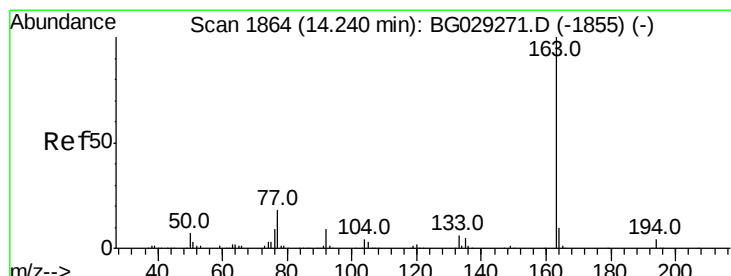
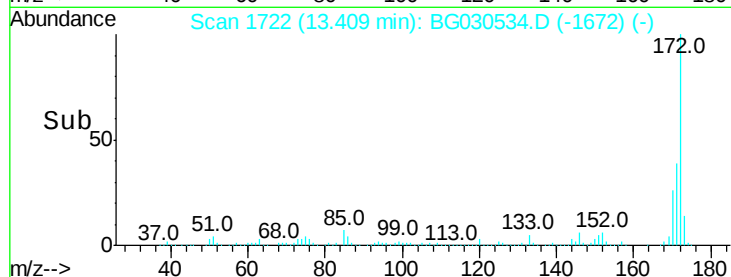
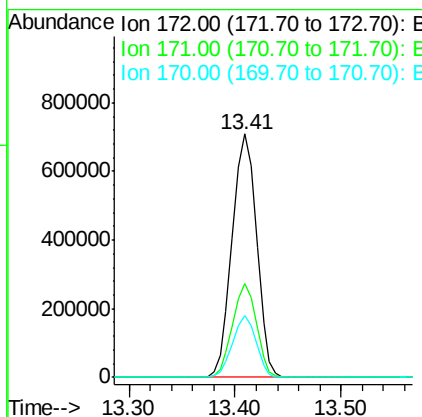
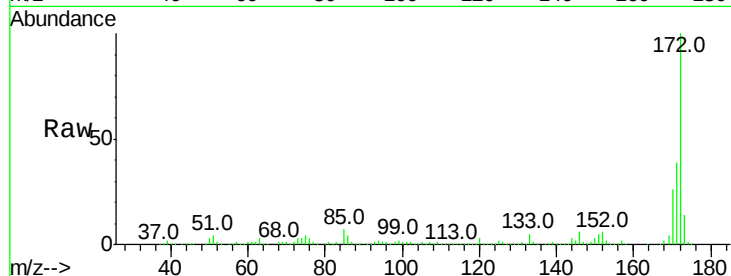


#44
 2-Fluorobiphenyl
 Concen: 89.487 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG030534.D
 Acq: 28 Oct 2017 19:22

Instrument :
 BNA_G
 ClientSampleId :
 EPE-108-2(85-87)

Tot Ion:172 Resp: 1136525

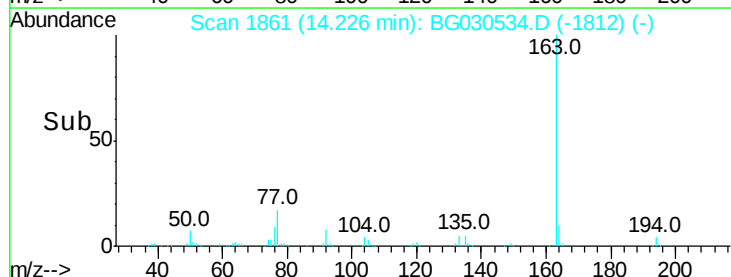
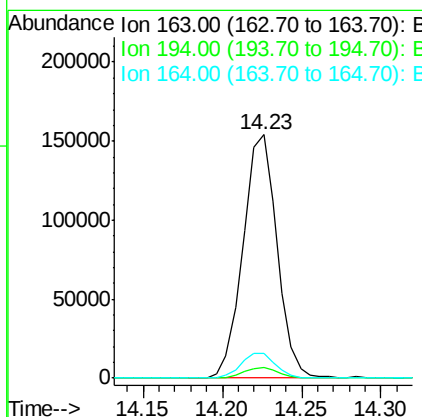
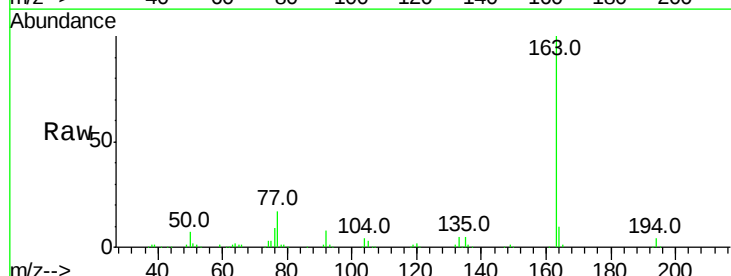
Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	25.5	19.5	29.3

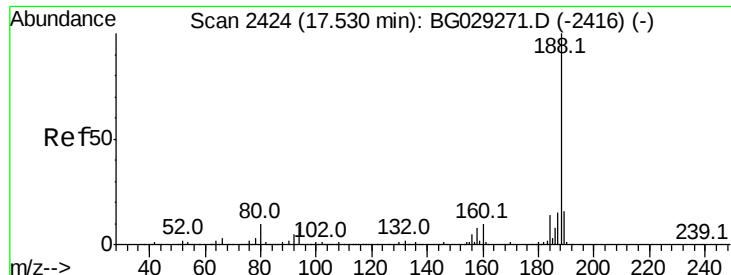


#49
 Dimethylphthalate
 Concen: 15.788 ng
 RT: 14.23 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: BG030534.D
 Acq: 28 Oct 2017 19:22

Tgt Ion:163 Resp: 229455

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.1	8.2	12.4

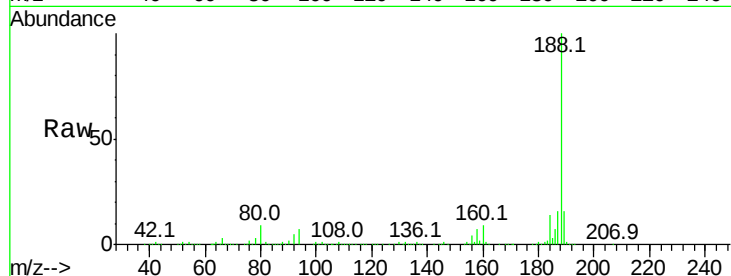




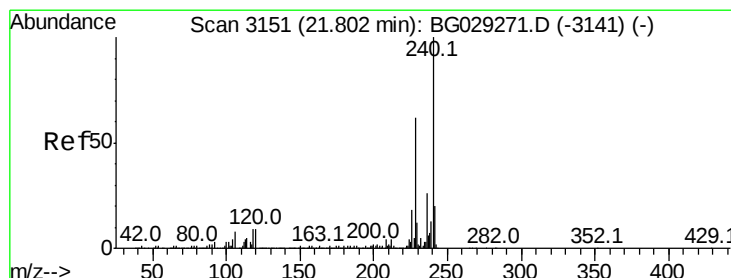
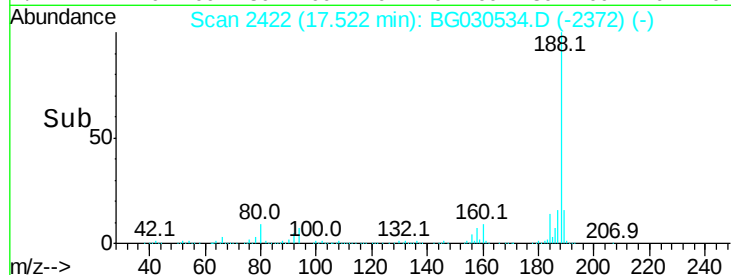
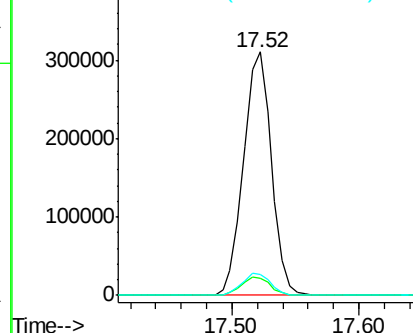
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030534.D
Acq: 28 Oct 2017 19:22

Instrument :
BNA_G
ClientSampleId :
EPE-108-2(85-87)

Tot Ion:188 Resp: 472281
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 8.8 7.7 11.5

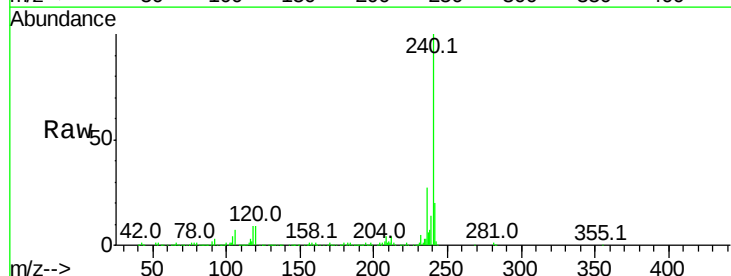


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

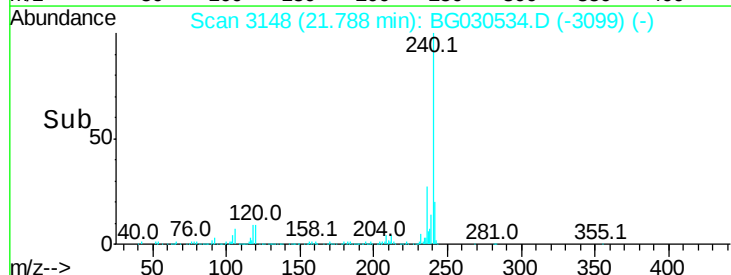
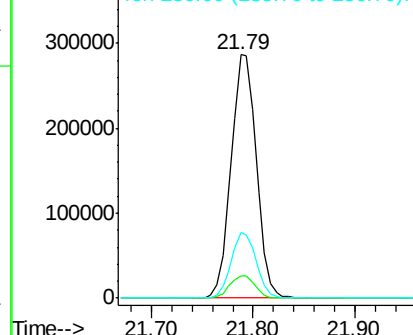


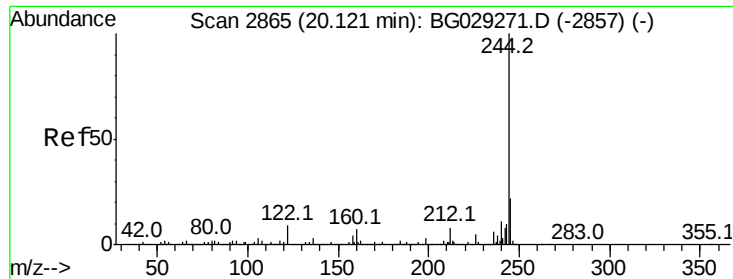
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG030534.D
Acq: 28 Oct 2017 19:22

Tgt Ion:240 Resp: 496842
Ion Ratio Lower Upper
240 100
120 9.2 6.8 10.2
236 27.2 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: 84.942 ng

RT: 20.11 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG030534.D

Acq: 28 Oct 2017 19:22

Instrument :

BNA_G

ClientSampleId :

EPE-108-2(85-87)

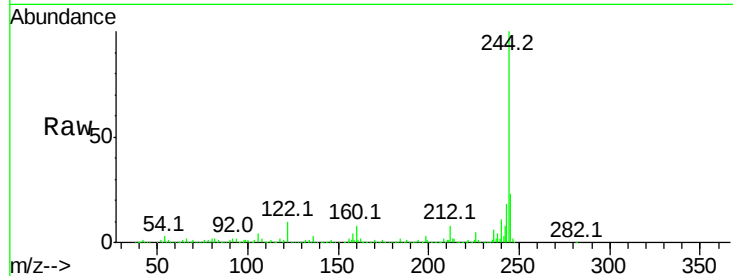
Tot Ion:244 Resp: 1855126

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

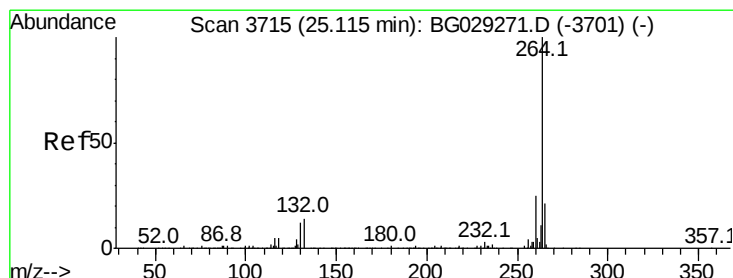
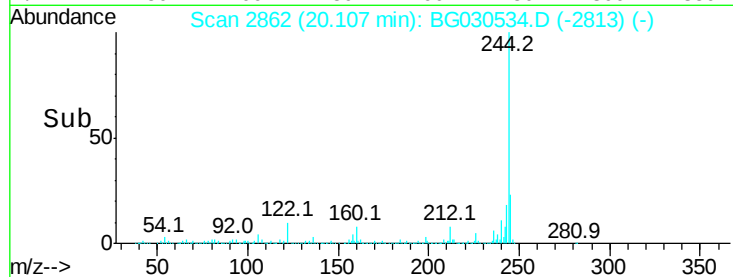
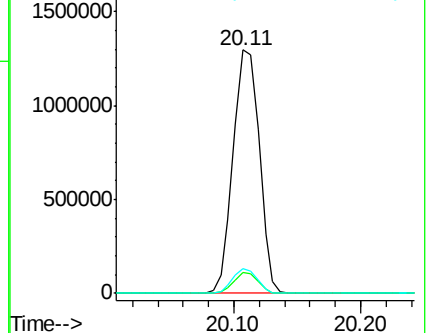
122 10.3 7.0 10.4



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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG030534.D

Acq: 28 Oct 2017 19:22

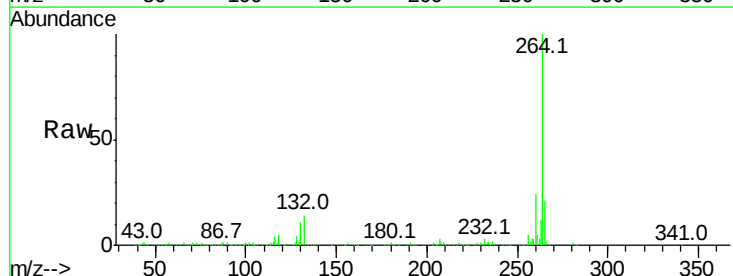
Tgt Ion:264 Resp: 501960

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 20.8 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

