

Data Path : Z:\HPCHEM1\BNA G\DATA\BG103117\
 Data File : BG030622.D
 Acq On : 31 Oct 2017 21:21
 Operator : SJ/JU
 Sample : I6178-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-120-3(40-42)

Quant Time: Nov 01 06:30:08 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

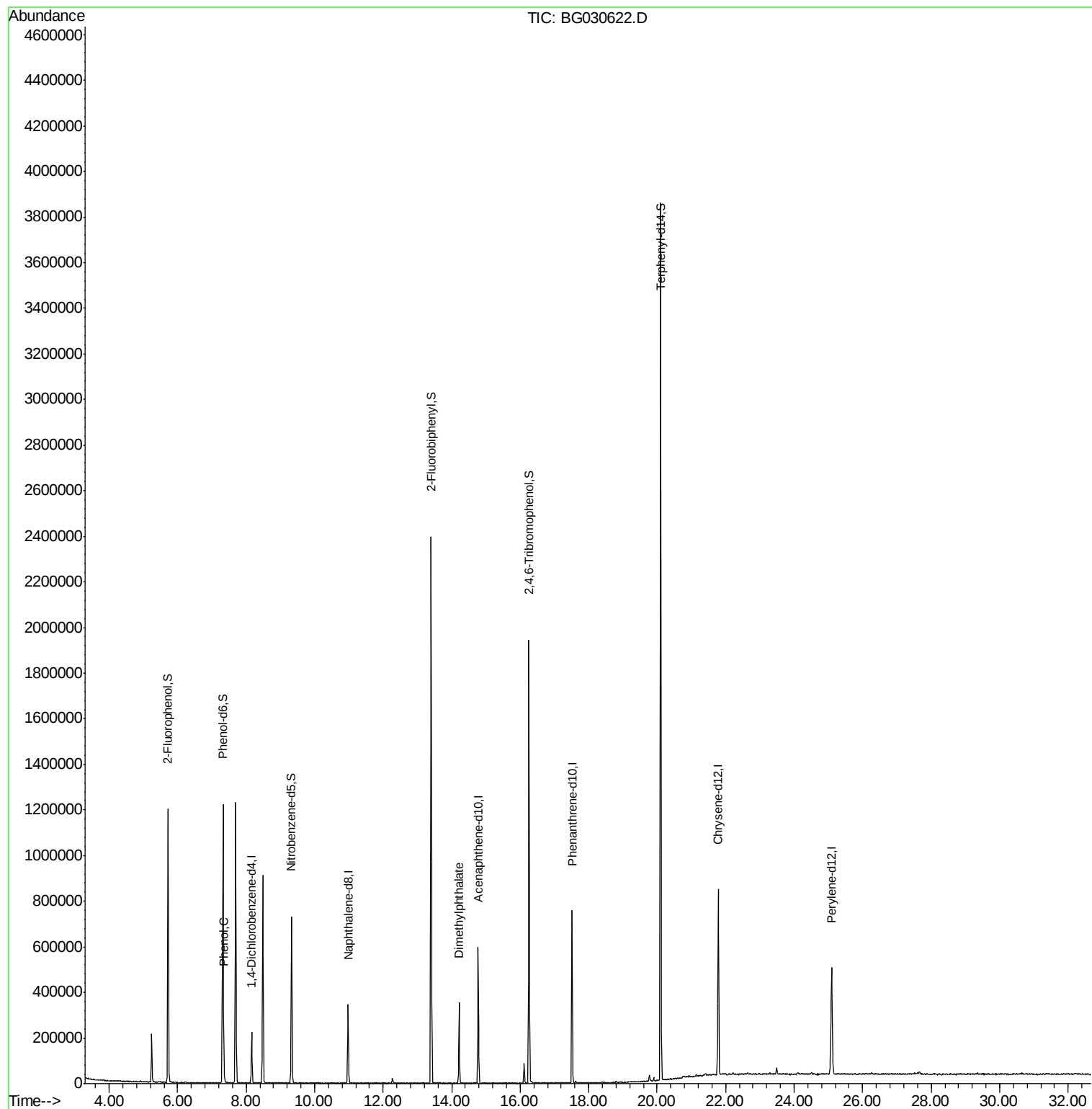
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	66598	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	316479	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	214167	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	481747	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	514947	20.00	ng	-0.01
86) Perylene-d12	25.09	264	511842	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	548062	137.48	ng	0.00
7) Phenol-d6	7.32	99	768289	137.30	ng	0.00
23) Nitrobenzene-d5	9.33	82	455551	91.47	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	386573	139.80	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	1277570	87.49	ng	-0.01
78) Terphenyl-d14	20.11	244	1821394	80.47	ng	-0.01
Target Compounds						
10) Phenol	7.35	94	59083	9.794	ng	95
49) Dimethylphthalate	14.21	163	256030	15.322	ng	99

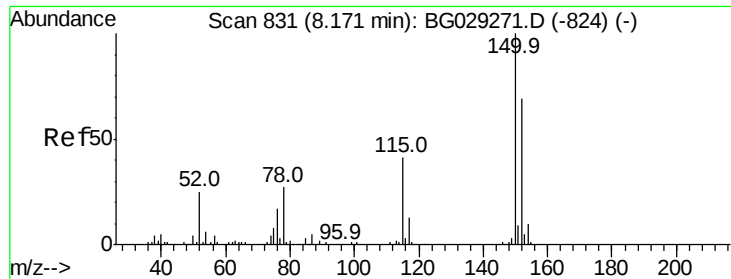
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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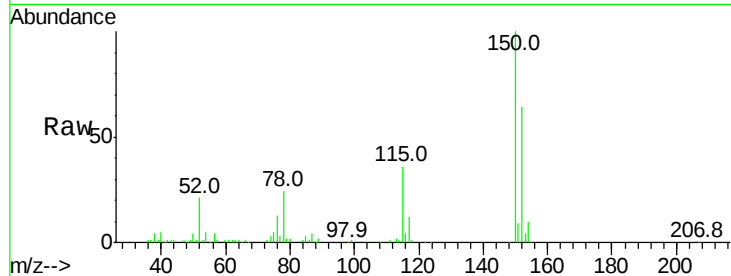


#1

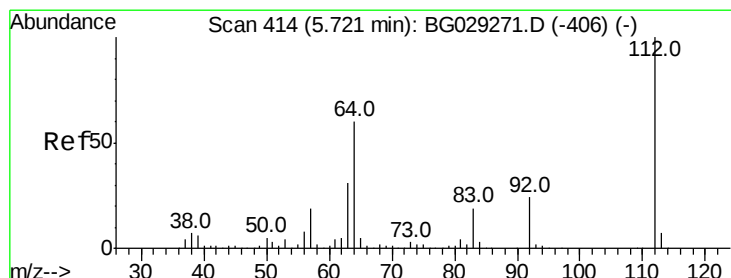
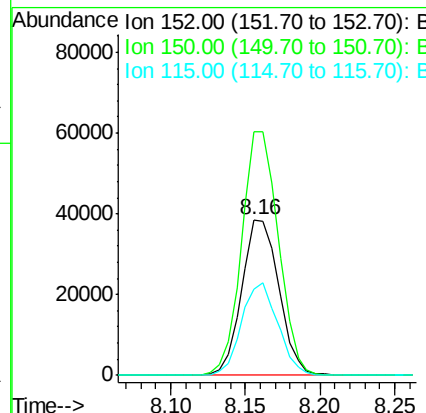
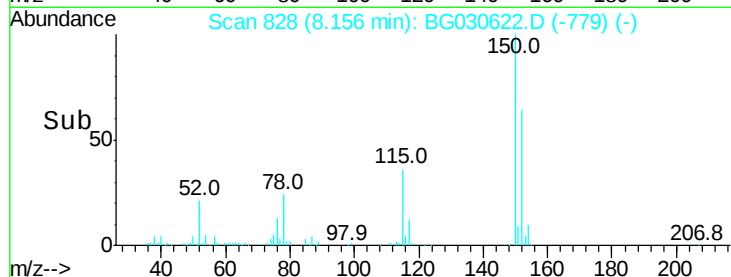
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG030622.D
Acq: 31 Oct 2017 21:21

Instrument :
BNA_G
ClientSampleId :
EPE-120-3(40-42)

Tot Ion:152 Resp: 66598
Ion Ratio Lower Upper
152 100
150 156.0 126.6 189.8
115 55.5 53.0 79.4



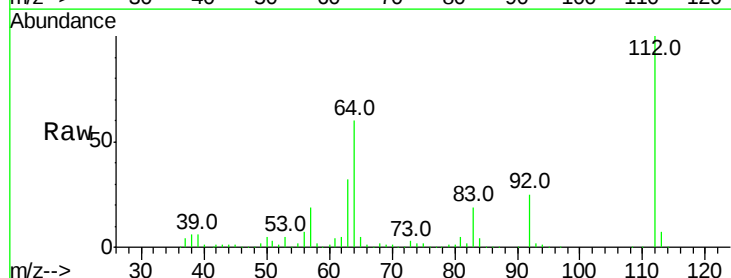
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



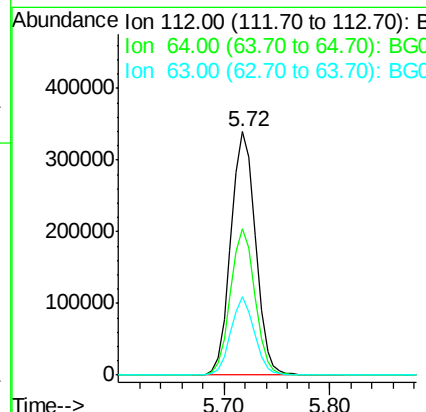
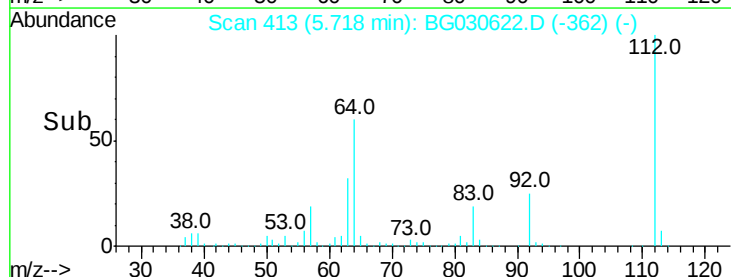
#5

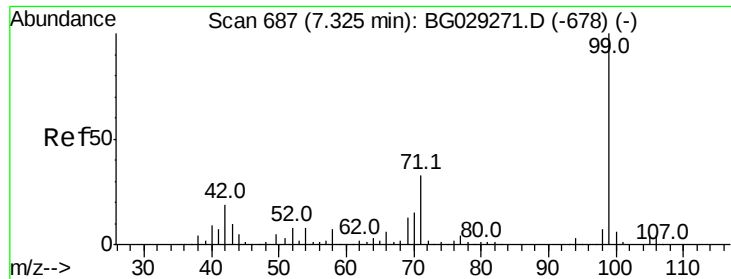
2-Fluorophenol
Concen: 137.477 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030622.D
Acq: 31 Oct 2017 21:21

Tgt Ion:112 Resp: 548062
Ion Ratio Lower Upper
112 100
64 60.3 56.3 84.5
63 32.2 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: 137.298 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030622.D

Acq: 31 Oct 2017 21:21

Instrument :

BNA_G

ClientSampleId :

EPE-120-3(40-42)

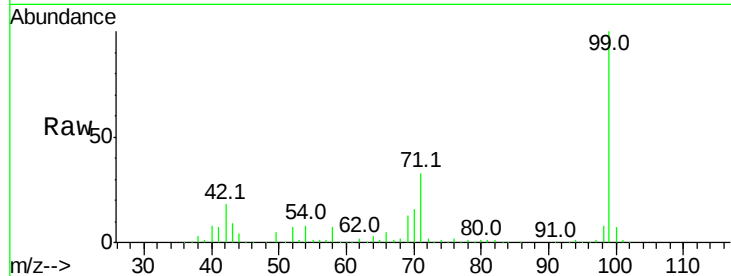
Tot Ion: 99 Resp: 768289

Ion Ratio Lower Upper

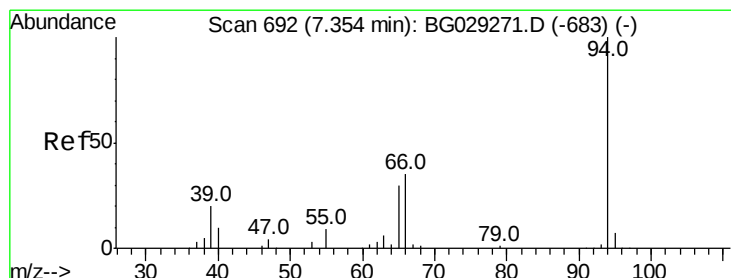
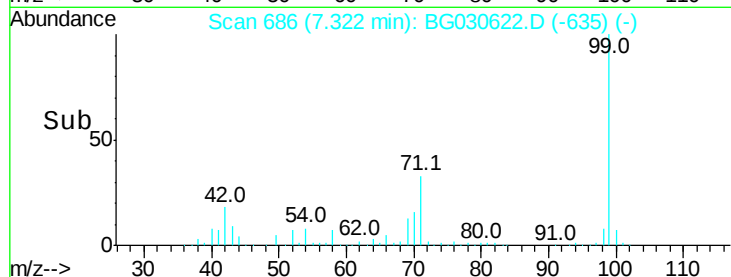
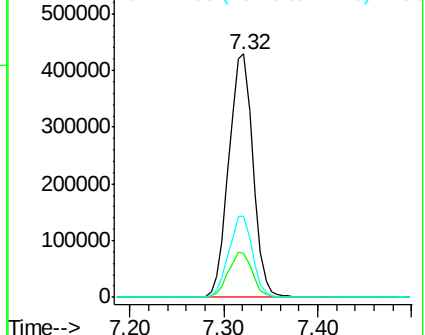
99 100

42 17.9 14.1 21.1

71 33.3 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: 9.794 ng

RT: 7.35 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030622.D

Acq: 31 Oct 2017 21:21

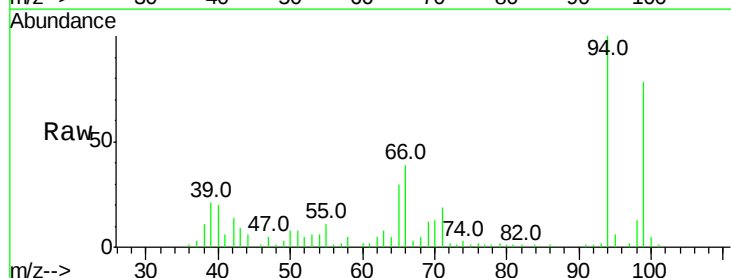
Tgt Ion: 94 Resp: 59083

Ion Ratio Lower Upper

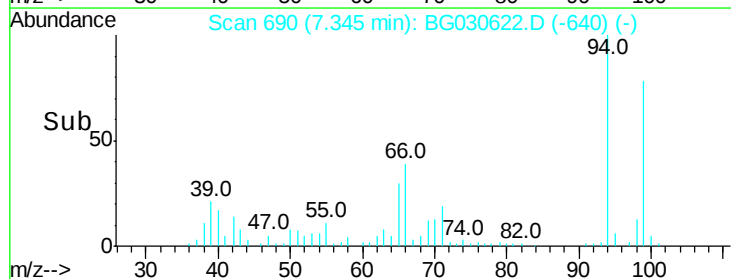
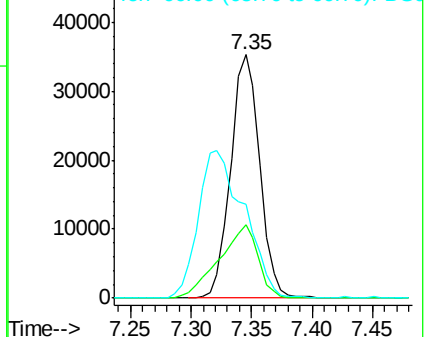
94 100

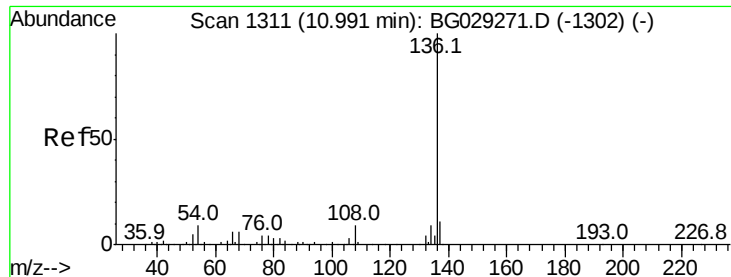
65 30.1 11.9 51.9

66 38.6 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

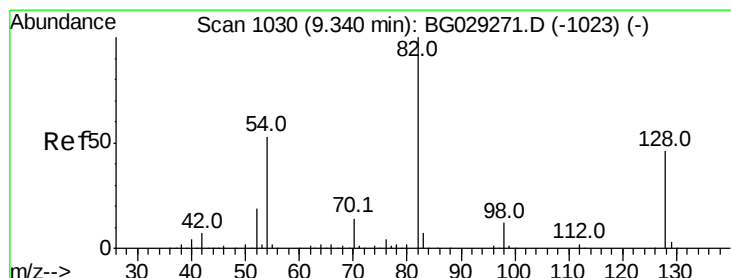
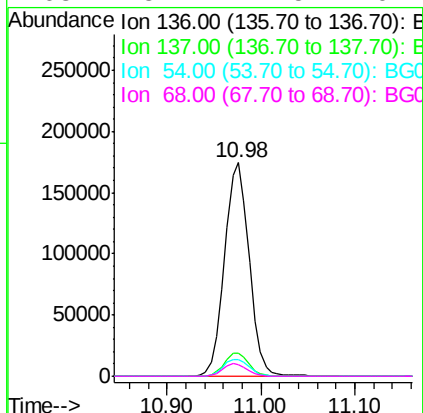
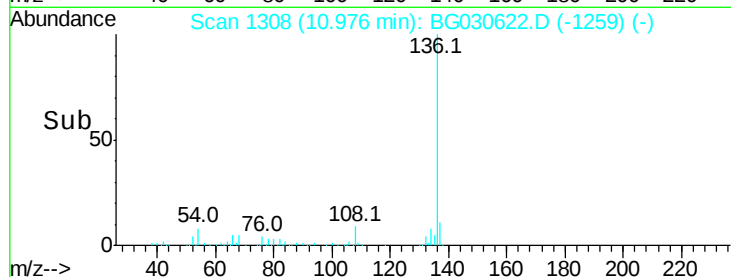
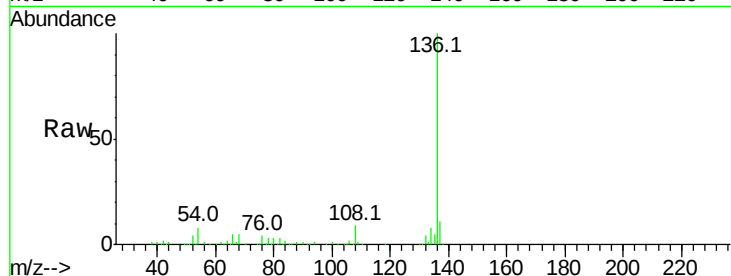




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG030622.D
Acq: 31 Oct 2017 21:21

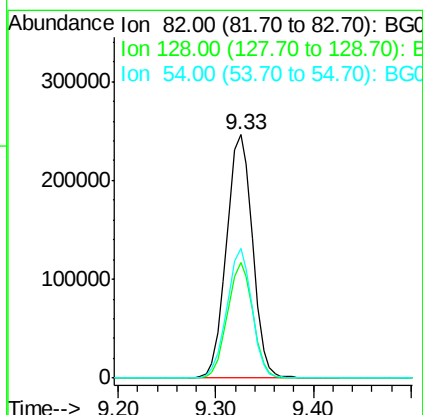
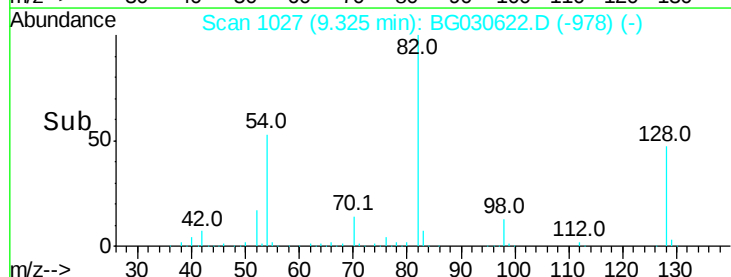
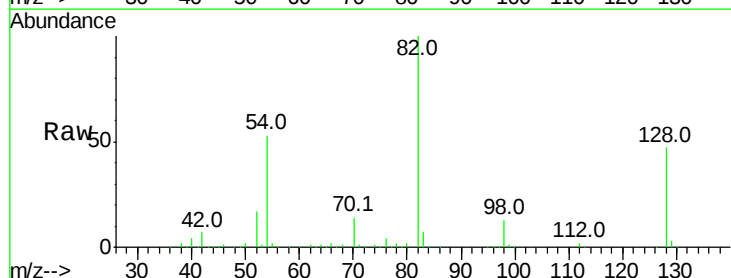
Instrument :
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EPE-120-3(40-42)

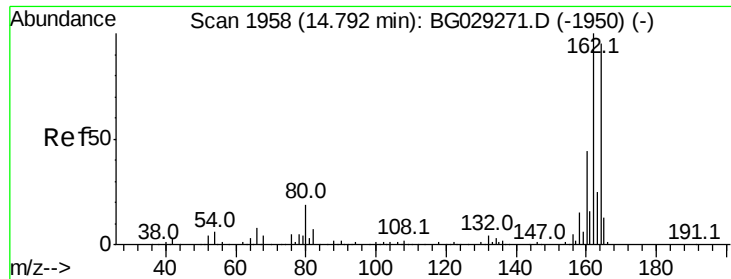
Tot Ion:136	Resp:	316479
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.2 13.8
54	7.7	10.3 15.5#
68	5.2	4.5 6.7



#23
Nitrobenzene-d5
Concen: 91.472 ng
RT: 9.33 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG030622.D
Acq: 31 Oct 2017 21:21

Tgt Ion: 82	Resp:	455551
Ion	Ratio	Lower Upper
82	100	
128	47.5	29.7 44.5#
54	53.1	43.1 64.7

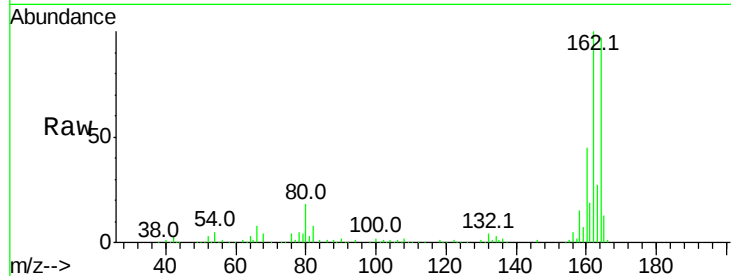




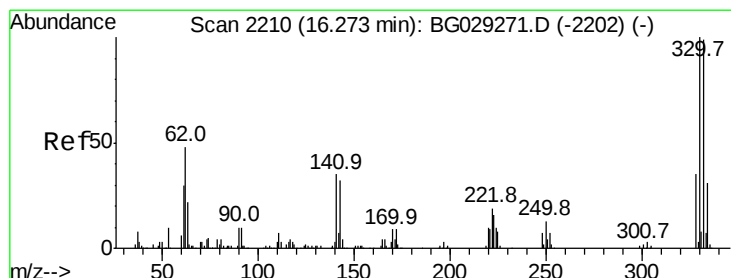
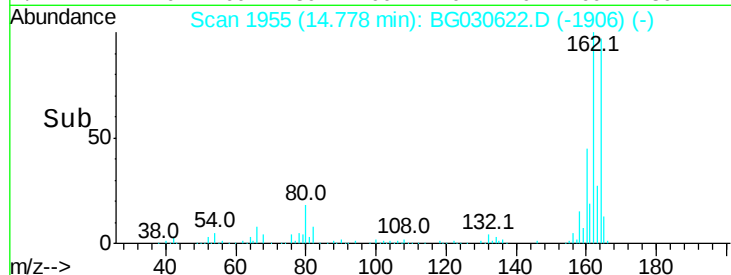
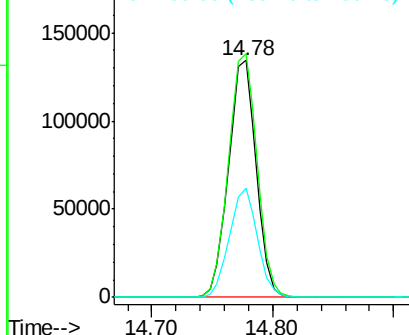
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG030622.D
Acq: 31 Oct 2017 21:21

Instrument :
BNA_G
ClientSampleId :
EPE-120-3(40-42)

Tot Ion:164 Resp: 214167
Ion Ratio Lower Upper
164 100
162 102.8 78.8 118.2
160 46.3 35.4 53.0

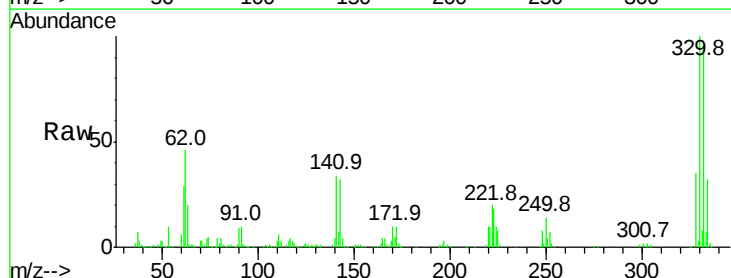


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

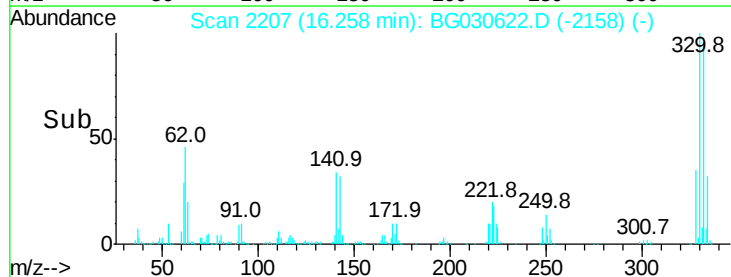
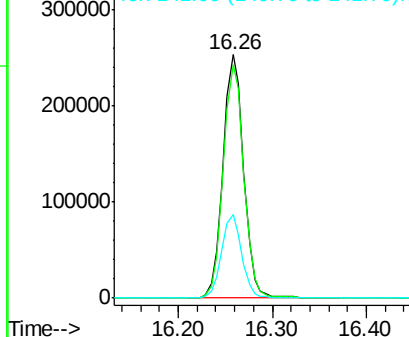


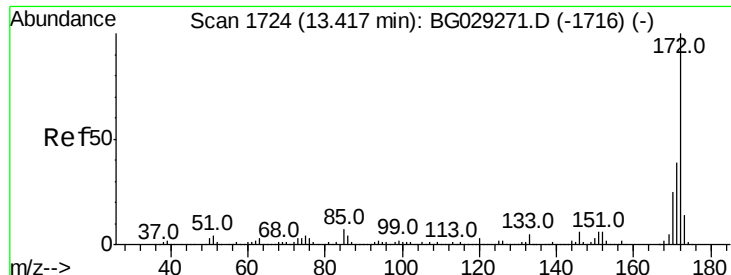
#41
2,4,6-Tribromophenol
Concen: 139.804 ng
RT: 16.26 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BG030622.D
Acq: 31 Oct 2017 21:21

Tgt Ion:330 Resp: 386573
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 33.6 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

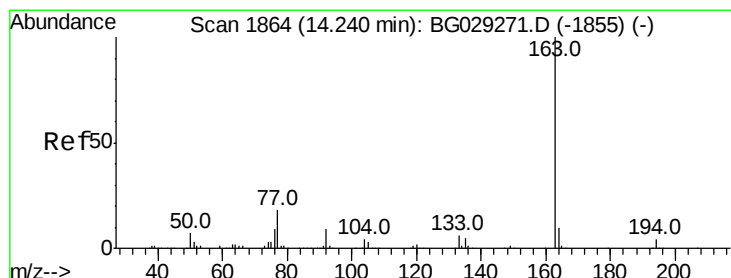
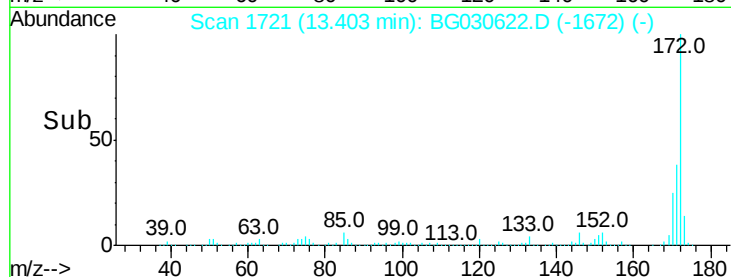
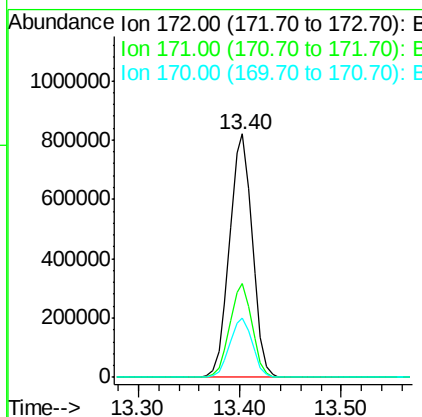
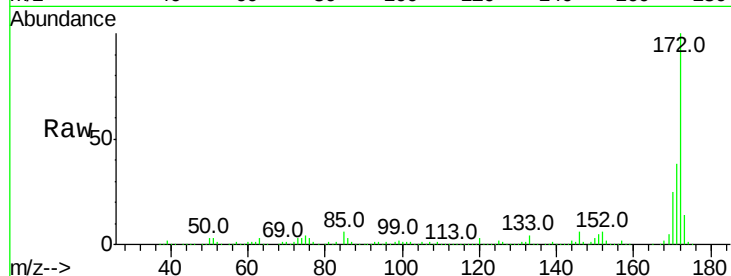




#44
2-Fluorobiphenyl
Concen: 87.490 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG030622.D
Acq: 31 Oct 2017 21:21

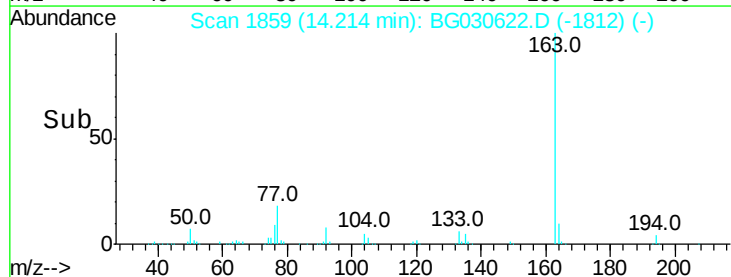
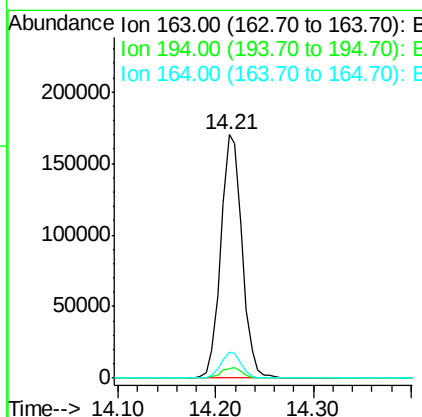
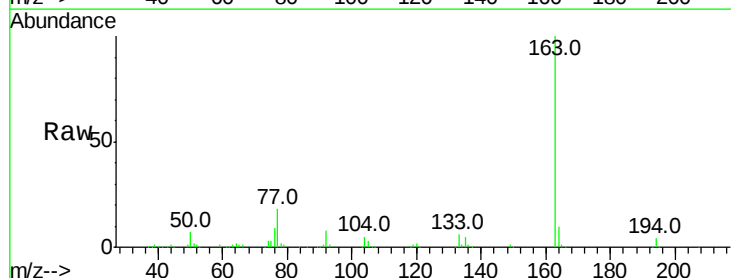
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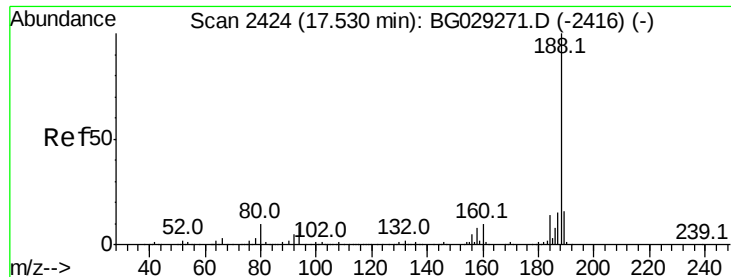
Tot Ion:172 Resp: 1277570
Ion Ratio Lower Upper
172 100
171 38.4 30.0 45.0
170 24.5 19.5 29.3



#49
Dimethylphthalate
Concen: 15.322 ng
RT: 14.21 min Scan# 1859
Delta R.T. -0.03 min
Lab File: BG030622.D
Acq: 31 Oct 2017 21:21

Tgt Ion:163 Resp: 256030
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 10.5 8.2 12.4

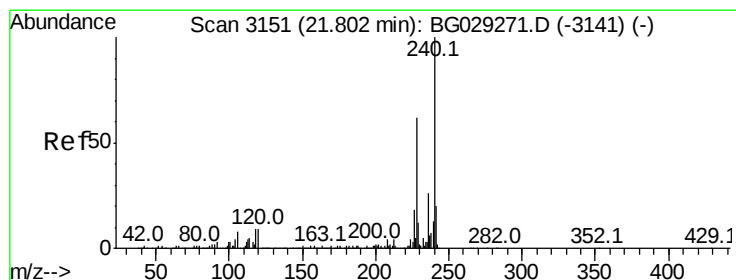
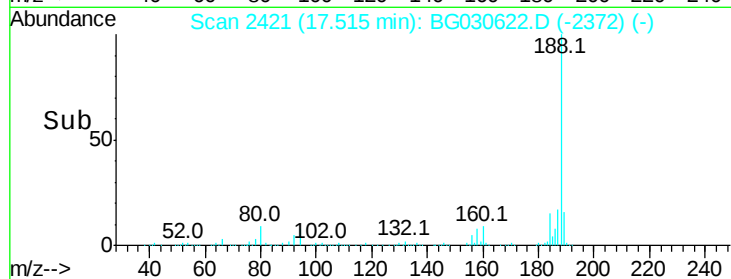
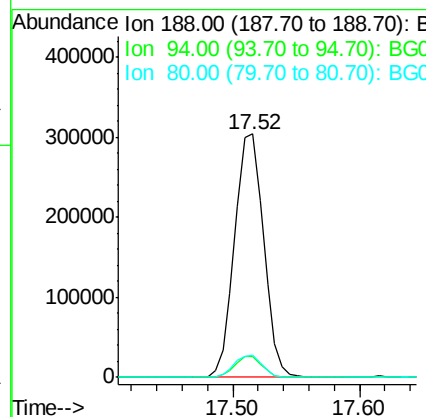
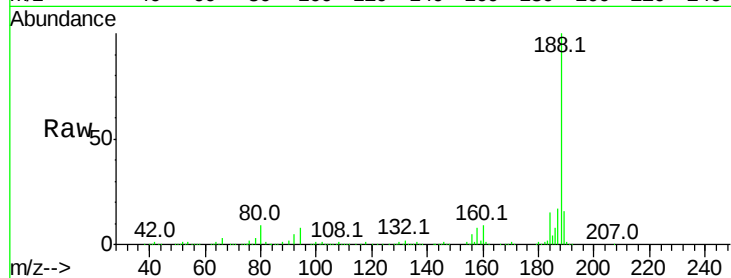




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BG030622.D
Acq: 31 Oct 2017 21:21

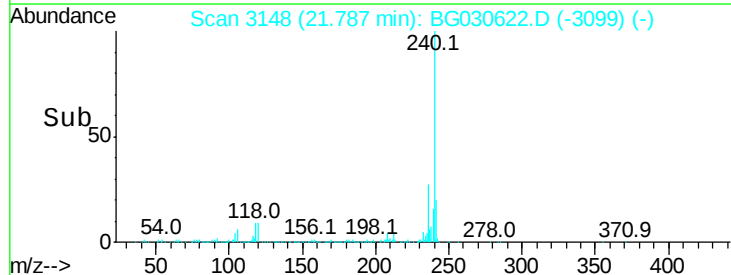
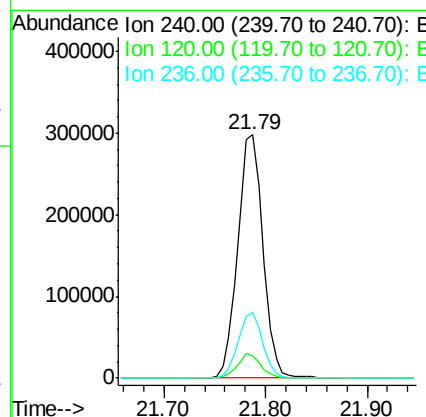
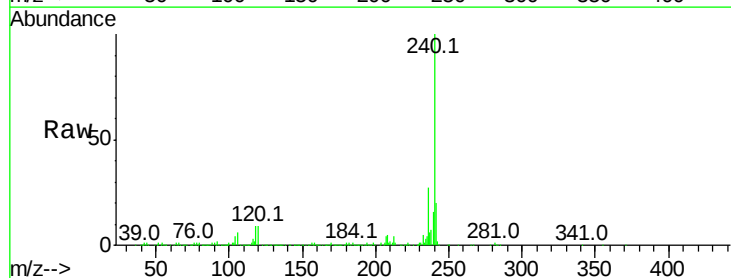
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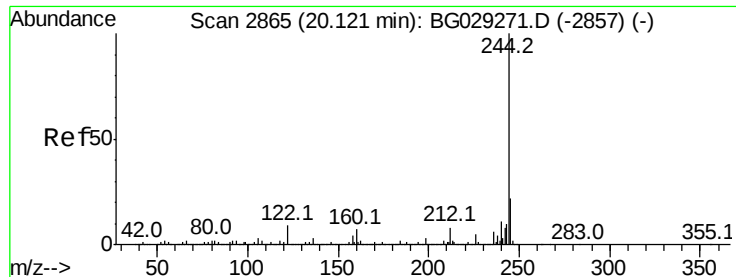
Tot Ion:188 Resp: 481747
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG030622.D
Acq: 31 Oct 2017 21:21

Tgt Ion:240 Resp: 514947
Ion Ratio Lower Upper
240 100
120 8.9 6.8 10.2
236 26.9 20.9 31.3



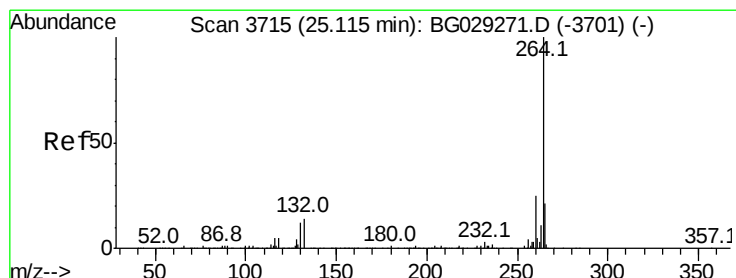
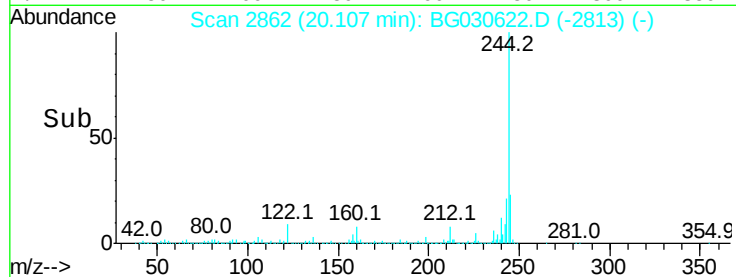
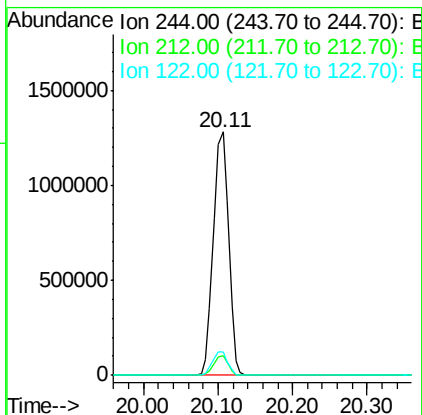
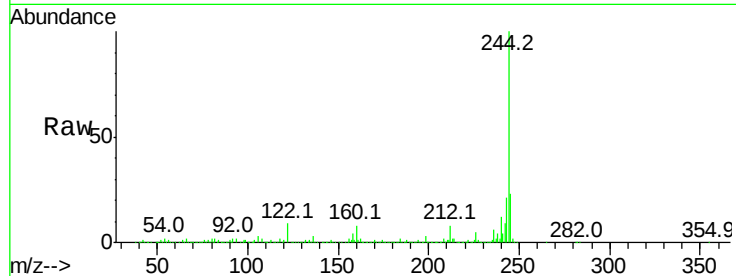


#78
 Terphenyl-d14
 Concen: 80.465 ng
 RT: 20.11 min Scan# 2862
 Delta R.T. -0.01 min
 Lab File: BG030622.D
 Acq: 31 Oct 2017 21:21

Instrument :
 BNA_G
 ClientSampleId :
 EPE-120-3(40-42)

Tot Ion:244 Resp: 1821394

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	9.4	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG030622.D
 Acq: 31 Oct 2017 21:21

Tgt Ion:264 Resp: 511842

Ion	Ratio	Lower	Upper
264	100		
260	26.2	17.4	26.0#
265	21.5	17.7	26.5

