

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031577.D
 Acq On : 15 Dec 2017 2:41
 Operator : SJ/JU
 Sample : I6888-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-122-2(70-72)

Quant Time: Dec 15 08:11:32 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

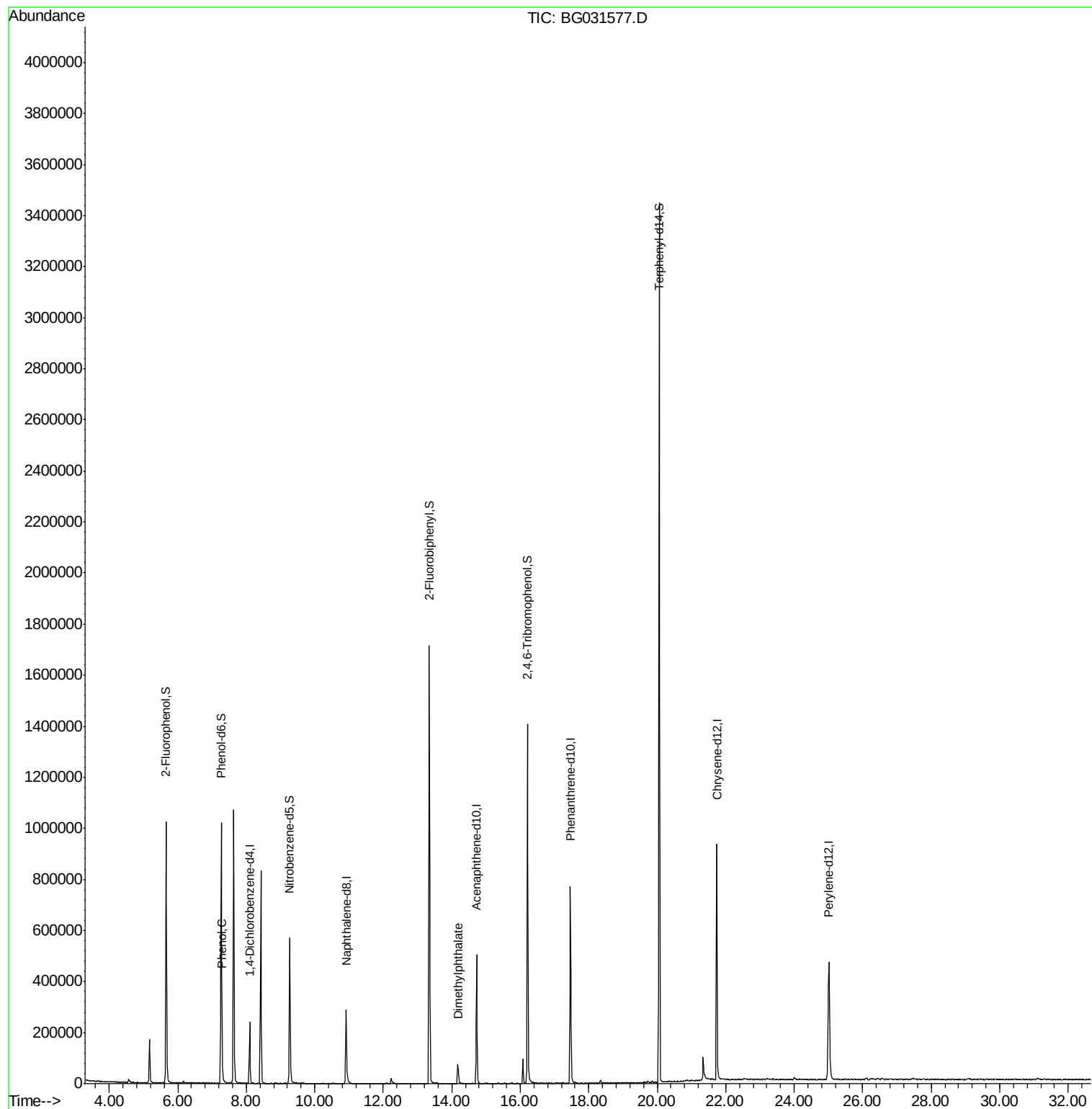
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	76479	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	311655	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	197338	20.00	ng	0.00
63) Phenanthrene-d10	17.46	188	520208	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	628754	20.00	ng	-0.01
86) Perylene-d12	25.01	264	558659	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	532785	123.48	ng	-0.01
7) Phenol-d6	7.26	99	668790	111.65	ng	0.00
23) Nitrobenzene-d5	9.27	82	391598	77.45	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	300960	130.18	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1003348	74.63	ng	0.00
78) Terphenyl-d14	20.06	244	1703623	61.65	ng	-0.01
Target Compounds						
10) Phenol	7.29	94	29372	4.773	ng	89
49) Dimethylphthalate	14.18	163	86059	5.268	ng	97

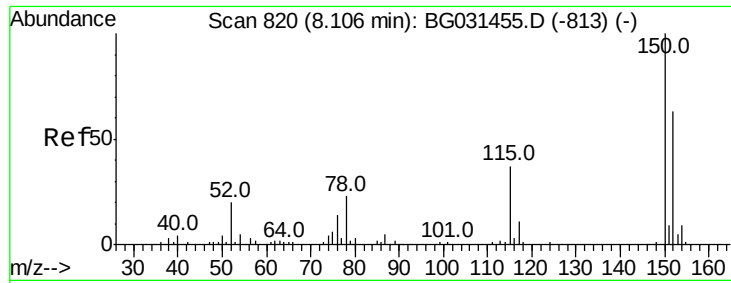
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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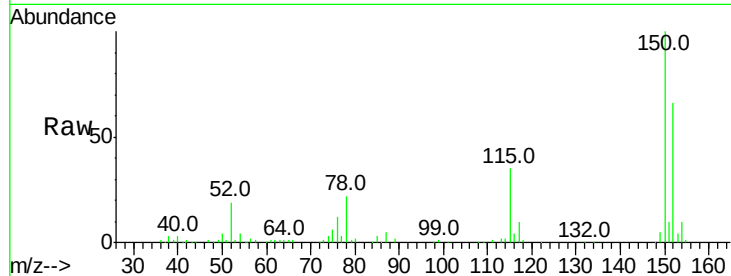


#1

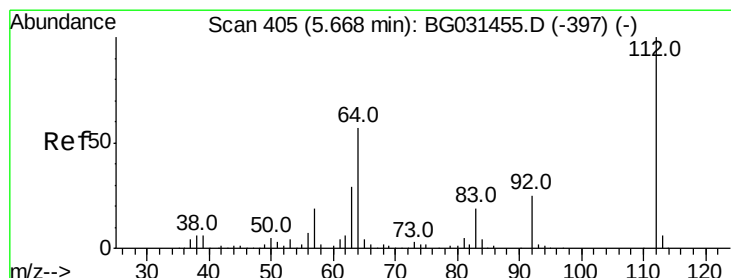
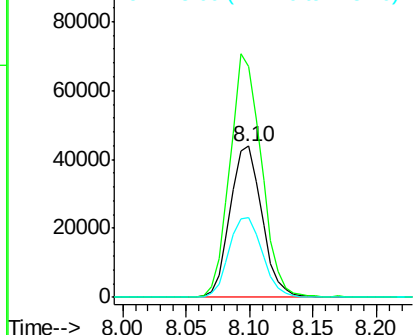
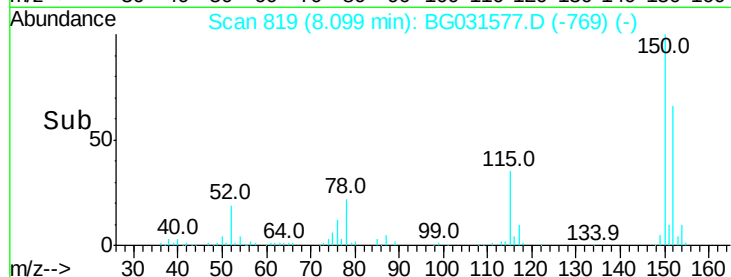
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031577.D
Acq: 15 Dec 2017 2:41

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(70-72)

Tot Ion:152 Resp: 76479
Ion Ratio Lower Upper
152 100
150 152.4 126.6 189.8
115 53.2 53.0 79.4



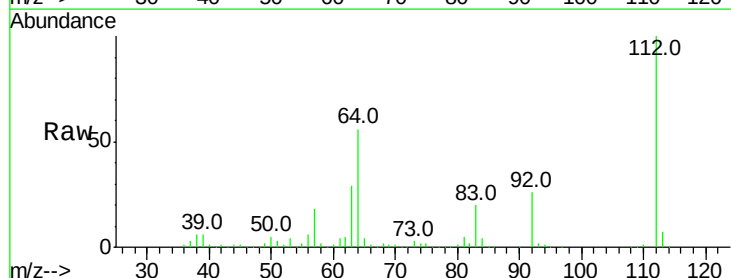
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



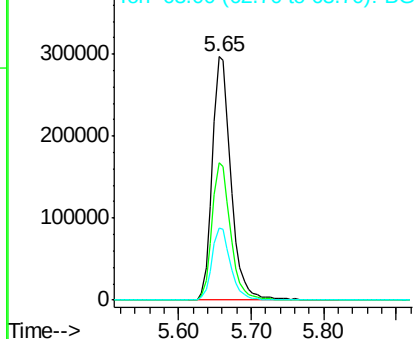
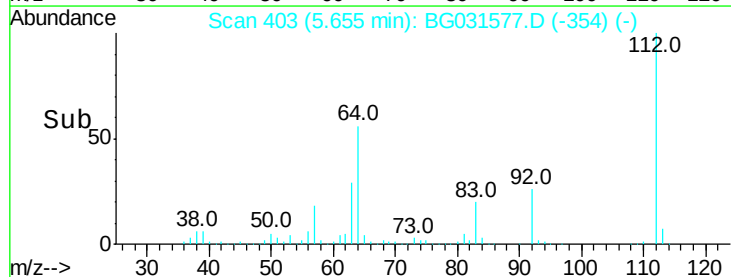
#5

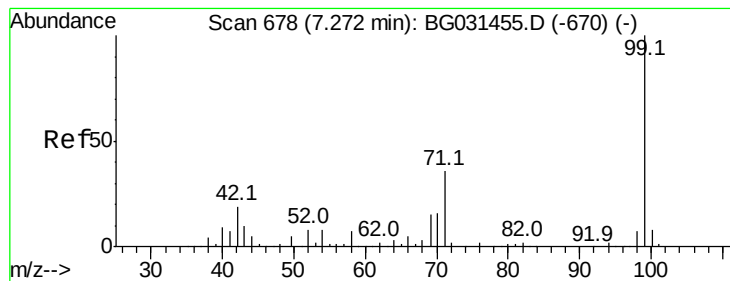
2-Fluorophenol
Concen: 123.481 ng
RT: 5.65 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031577.D
Acq: 15 Dec 2017 2:41

Tgt Ion:112 Resp: 532785
Ion Ratio Lower Upper
112 100
64 56.4 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.654 ng

RT: 7.26 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031577.D

Acq: 15 Dec 2017 2:41

Instrument :

BNA_G

ClientSampleId :

EPE-122-2(70-72)

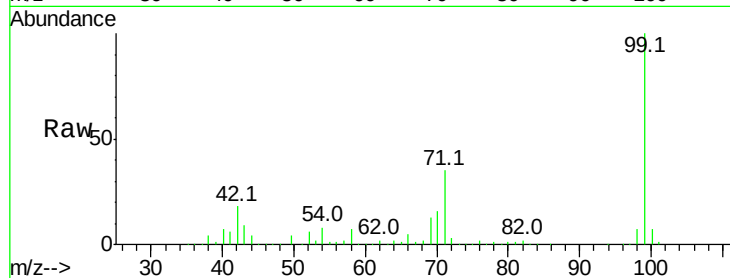
Tot Ion: 99 Resp: 668790

Ion Ratio Lower Upper

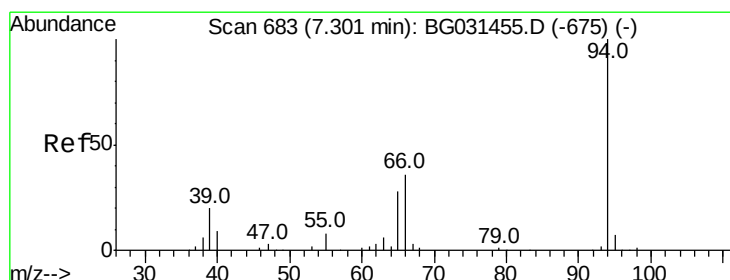
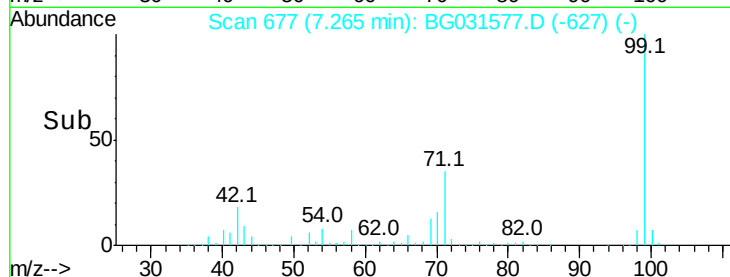
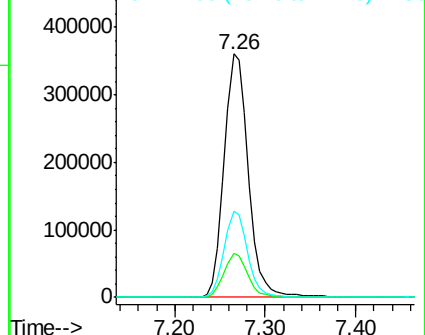
99 100

42 18.0 14.1 21.1

71 35.3 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: 4.773 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031577.D

Acq: 15 Dec 2017 2:41

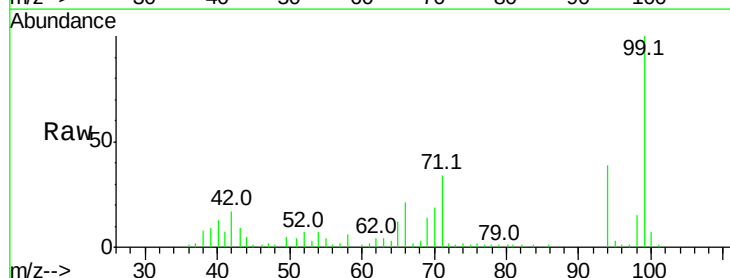
Tgt Ion: 94 Resp: 29372

Ion Ratio Lower Upper

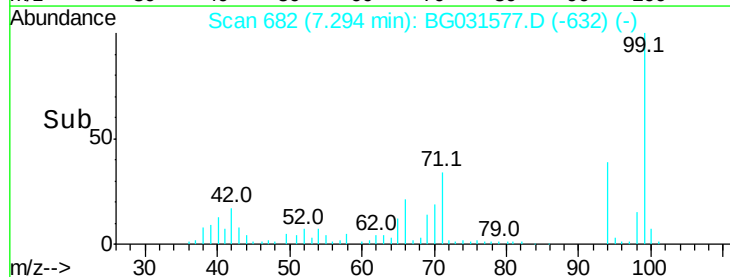
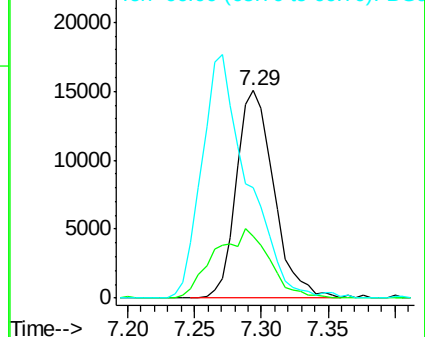
94 100

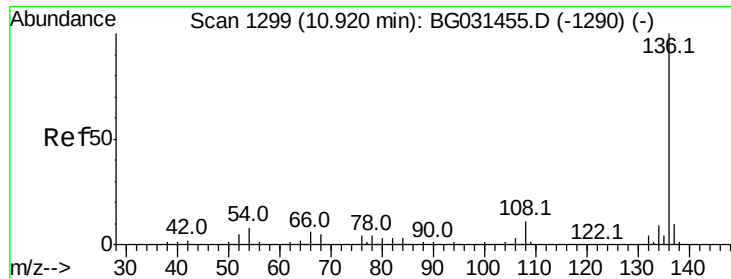
65 30.0 11.9 51.9

66 53.3 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

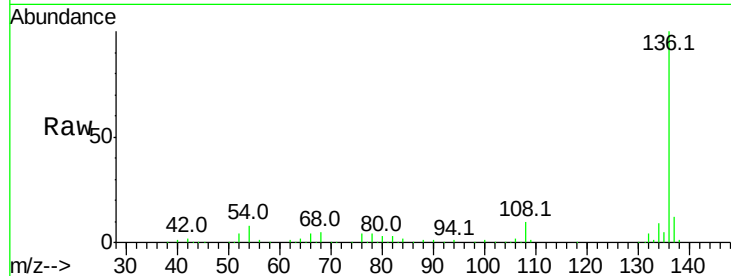




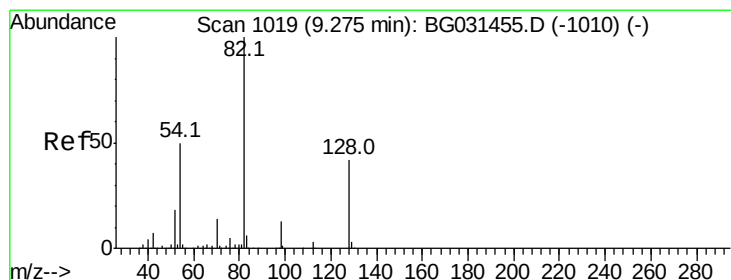
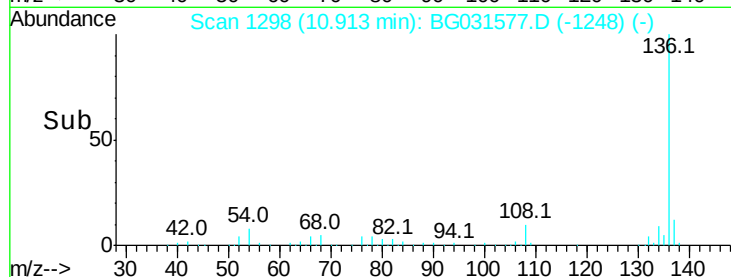
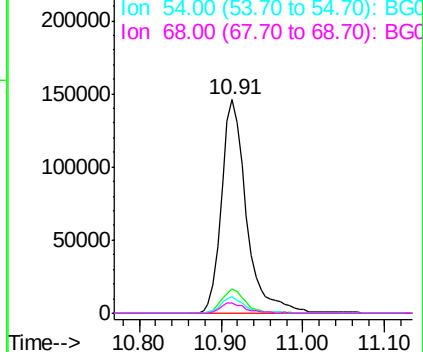
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031577.D
Acq: 15 Dec 2017 2:41

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(70-72)

Tot Ion:	136	Resp:	311655
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.2	13.8
54	7.8	10.3	15.5#
68	4.8	4.5	6.7

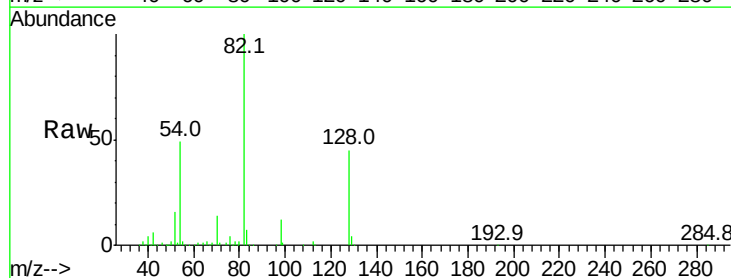


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

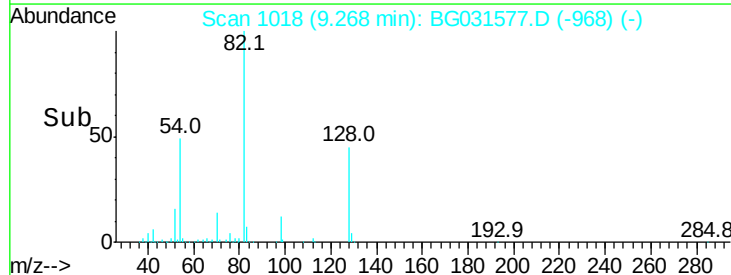
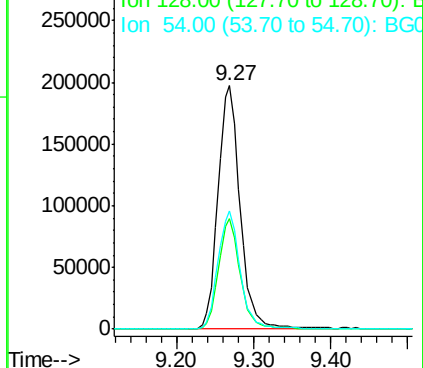


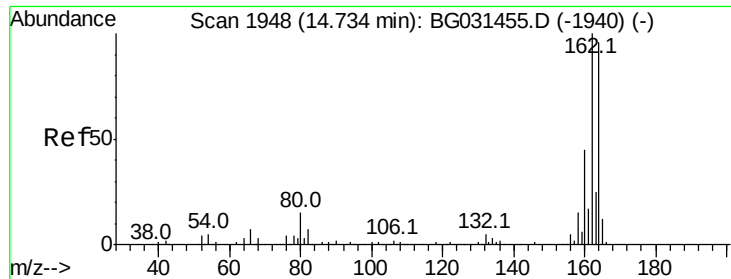
#23
Nitrobenzene-d5
Concen: 77.447 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031577.D
Acq: 15 Dec 2017 2:41

Tgt Ion:	82	Resp:	391598
Ion Ratio	Lower	Upper	
82	100		
128	45.2	29.7	44.5#
54	48.5	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

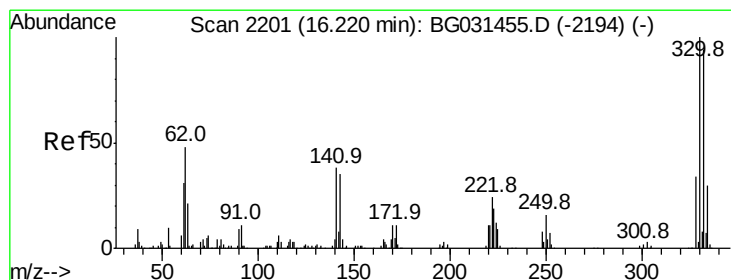
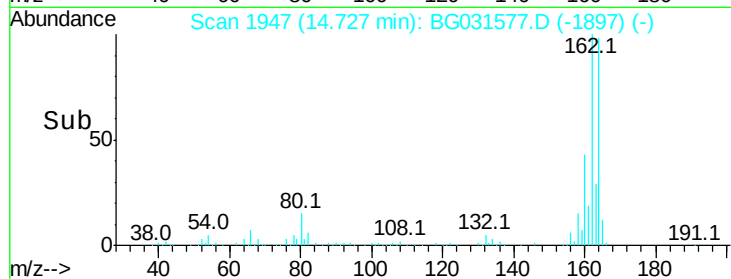
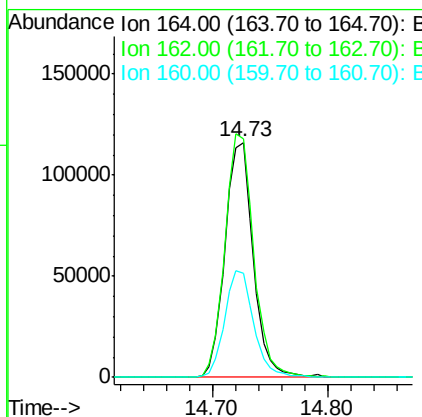
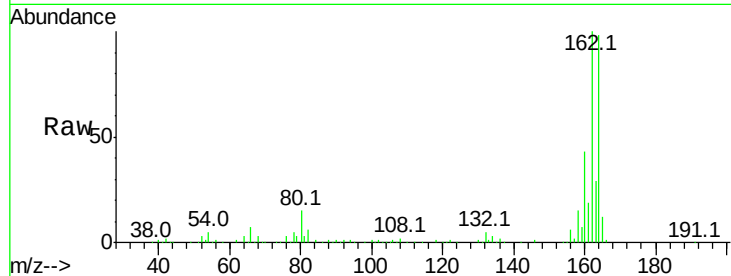




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG031577.D
 Acq: 15 Dec 2017 2:41

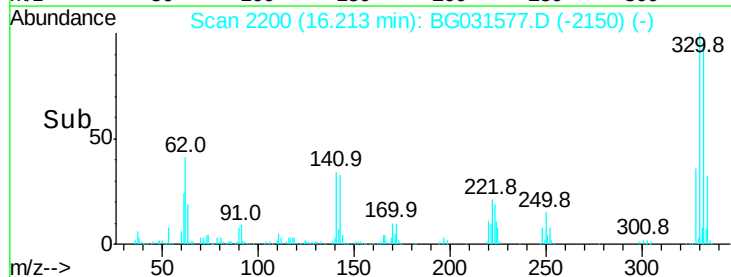
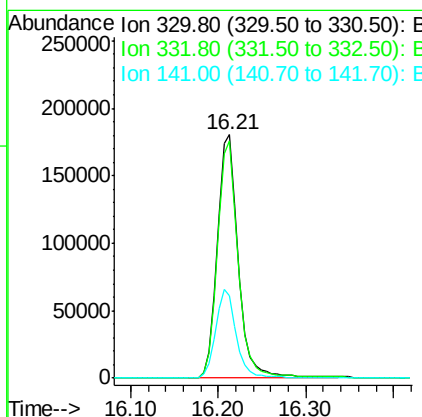
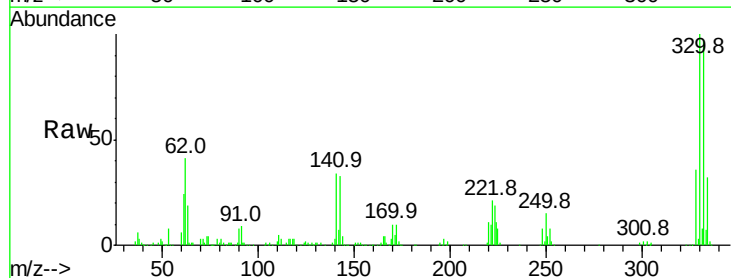
Instrument :
 BNA_G
 ClientSampleId :
 EPE-122-2(70-72)

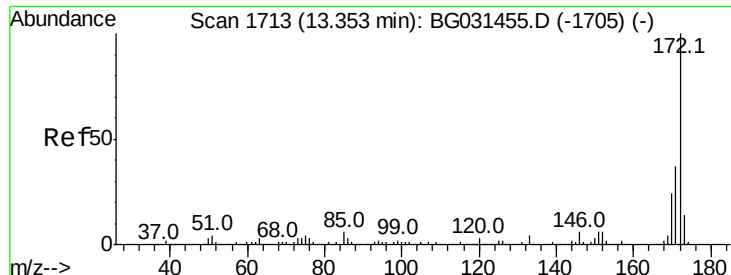
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	44.1	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 130.179 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031577.D
 Acq: 15 Dec 2017 2:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	35.6	25.2	37.8

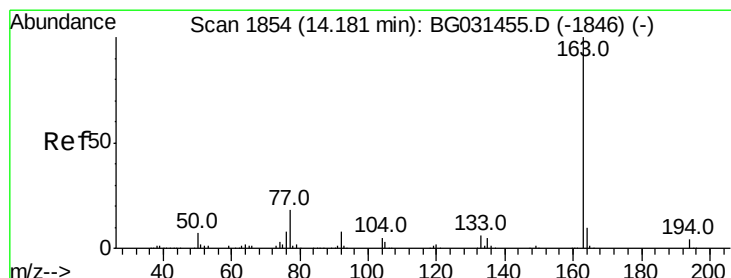
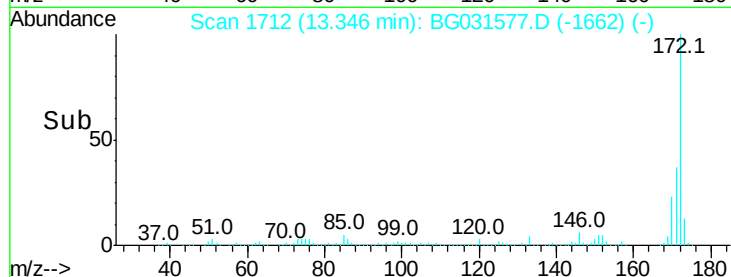
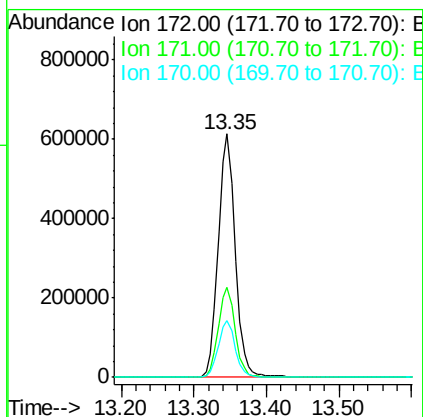
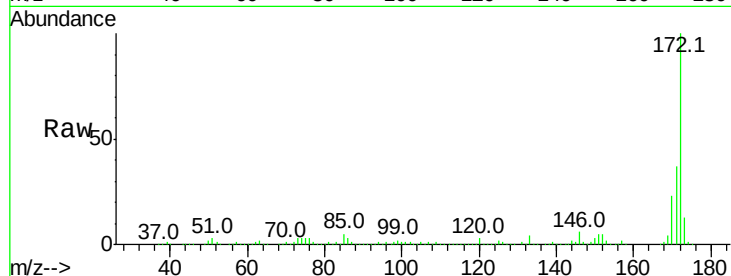




#44
2-Fluorobiphenyl
Concen: 74.633 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG031577.D
Acq: 15 Dec 2017 2:41

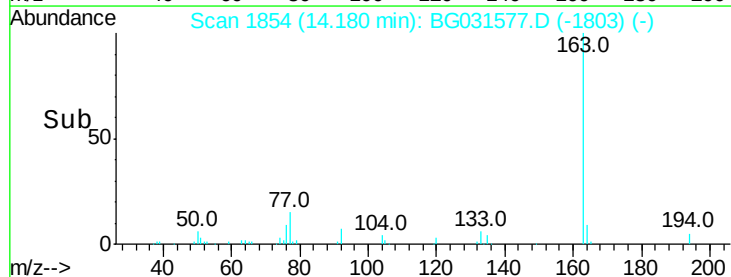
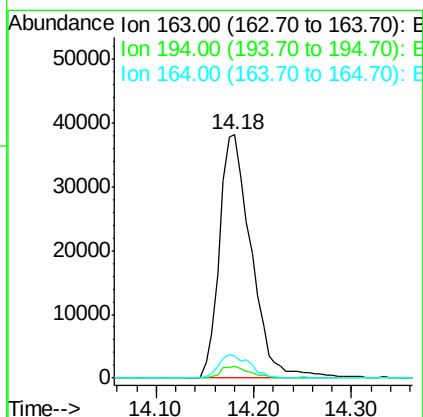
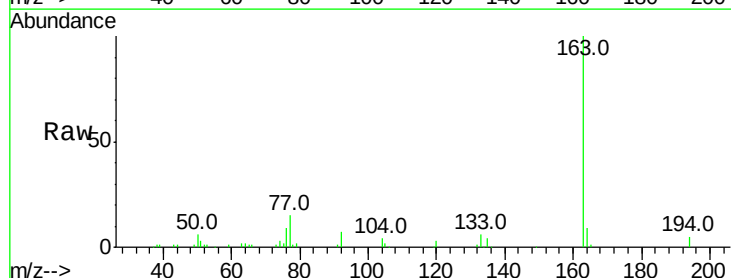
Instrument :
BNA_G
ClientSampleId :
EPE-122-2(70-72)

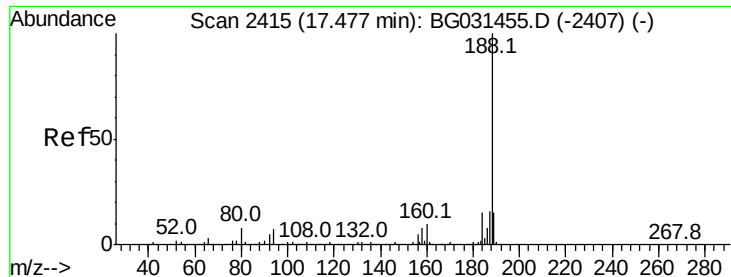
Tot Ion:172 Resp: 1003348
Ion Ratio Lower Upper
172 100
171 36.9 30.0 45.0
170 23.4 19.5 29.3



#49
Dimethylphthalate
Concen: 5.268 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BG031577.D
Acq: 15 Dec 2017 2:41

Tgt Ion:163 Resp: 86059
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.2
164 9.3 8.2 12.4

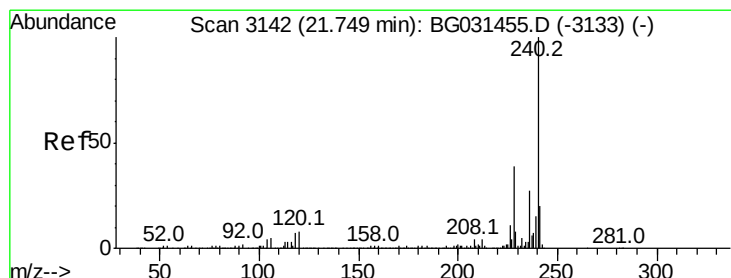
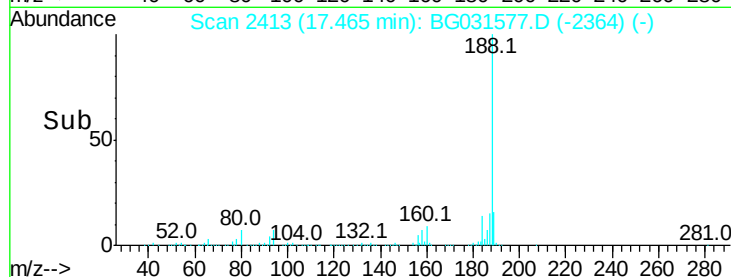
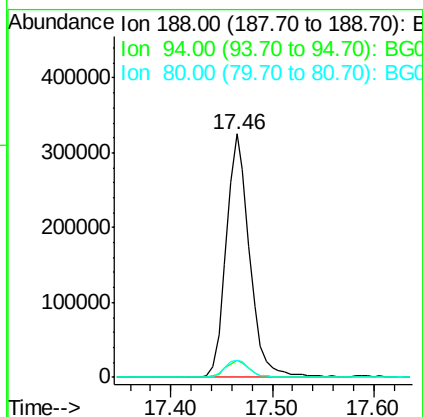
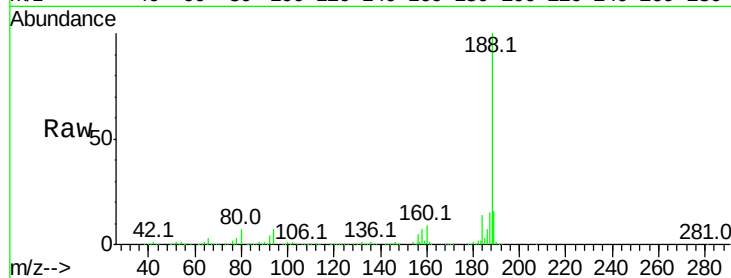




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031577.D
Acq: 15 Dec 2017 2:41

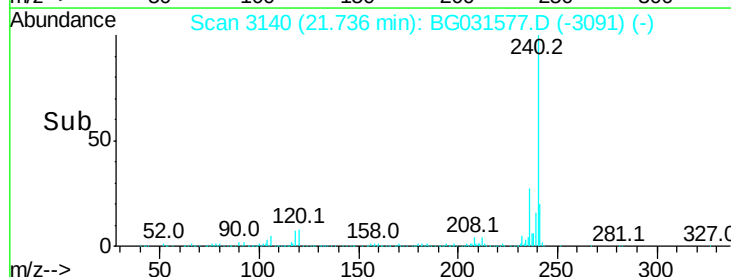
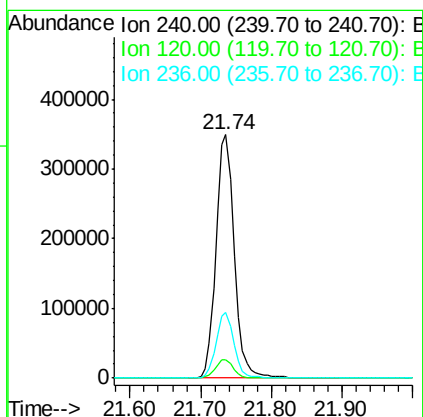
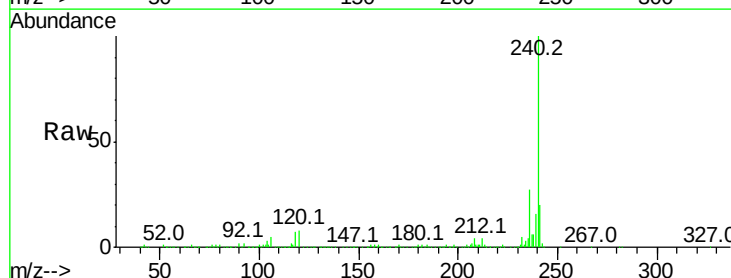
Instrument :
BNA_G
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EPE-122-2(70-72)

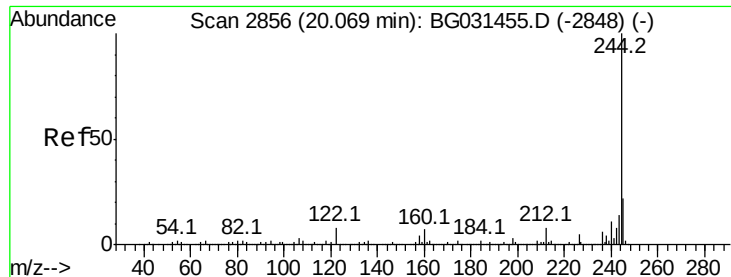
Tot Ion:188 Resp: 520208
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 7.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031577.D
Acq: 15 Dec 2017 2:41

Tgt Ion:240 Resp: 628754
Ion Ratio Lower Upper
240 100
120 7.8 6.8 10.2
236 27.1 20.9 31.3





#78

Terphenyl-d14

Concen: 61.646 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031577.D

Acq: 15 Dec 2017 2:41

Instrument :

BNA_G

ClientSampleId :

EPE-122-2(70-72)

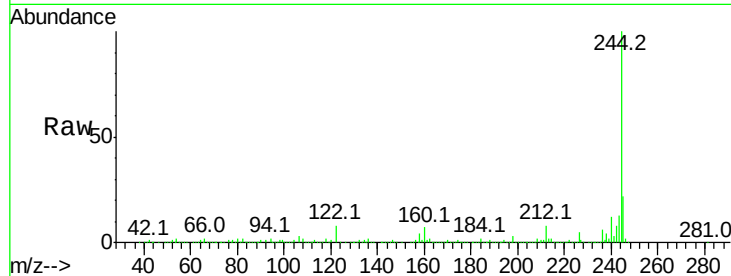
Tot Ion:244 Resp: 1703623

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

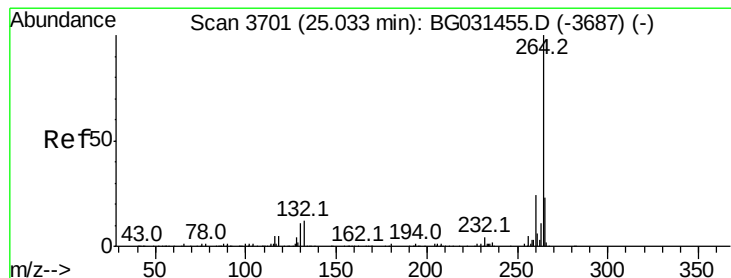
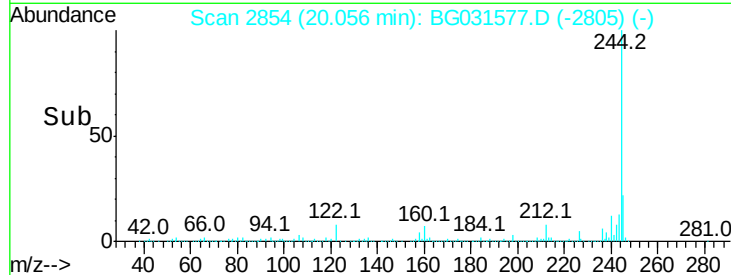
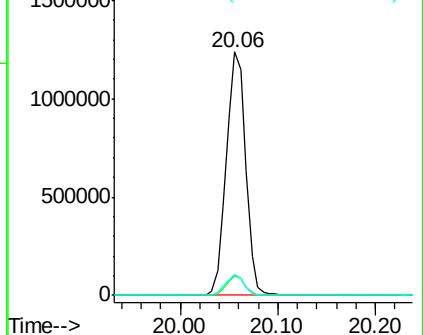
122 8.4 7.0 10.4



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: 25.01 min Scan# 3698

Delta R.T. -0.02 min

Lab File: BG031577.D

Acq: 15 Dec 2017 2:41

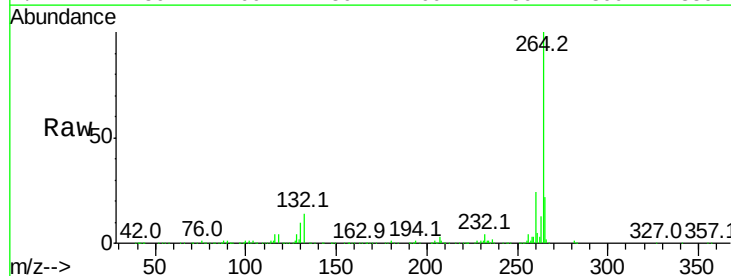
Tgt Ion:264 Resp: 558659

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.9 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

