

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
 Data File : BG032338.D
 Acq On : 26 Jan 2018 21:15
 Operator : SJ/JU
 Sample : J1288-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-108-4(84-86)

Quant Time: Jan 27 00:02:05 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

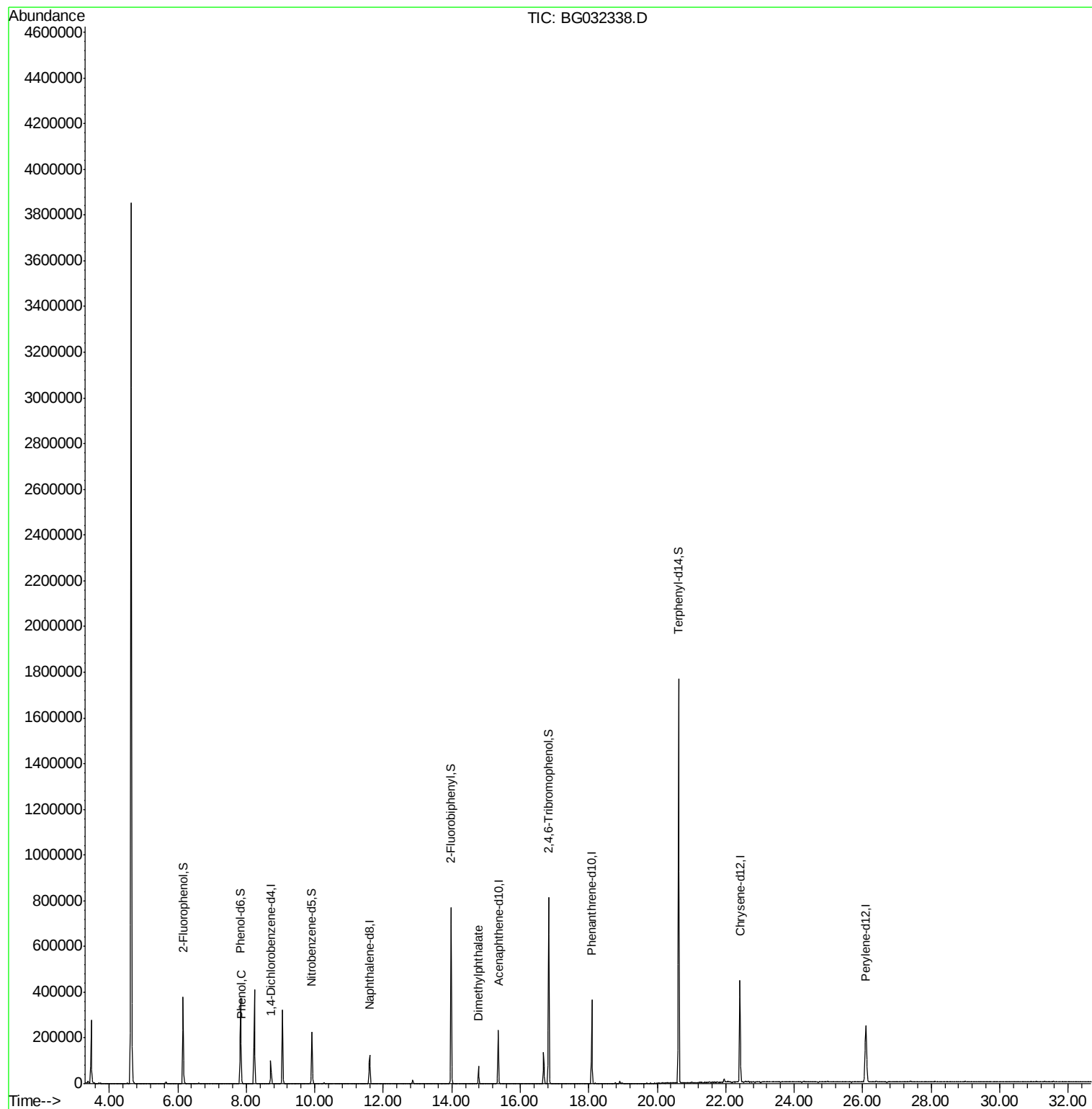
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	33516	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	125846	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	90588	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	253522	20.00	ng	0.00
75) Chrysene-d12	22.41	240	330265	20.00	ng	-0.01
86) Perylene-d12	26.09	264	343003	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	182074	99.36	ng	0.00
7) Phenol-d6	7.83	99	223827	96.98	ng	0.00
23) Nitrobenzene-d5	9.92	82	138610	74.52	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	185348	123.65	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	449421	61.52	ng	0.00
78) Terphenyl-d14	20.62	244	930447	62.21	ng	-0.01
Target Compounds						
10) Phenol	7.86	94	9132	4.017	ng	Qvalue # 78
49) Dimethylphthalate	14.78	163	57788	7.290	ng	100

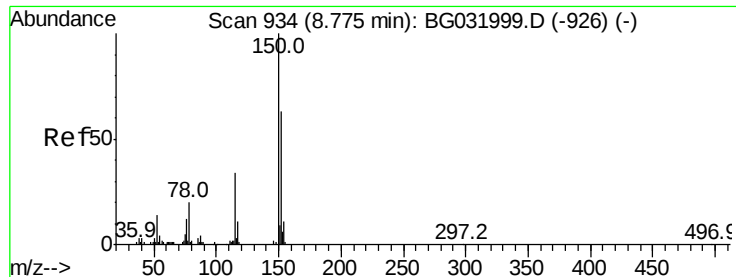
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 924

Delta R.T. -0.01 min

Lab File: BG032338.D

Acq: 26 Jan 2018 21:15

Instrument :

BNA_G

ClientSampleId :

EPE-108-4(84-86)

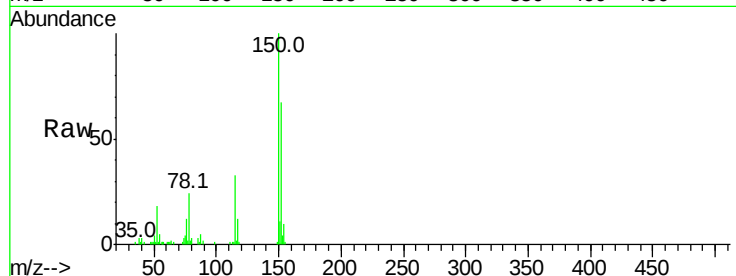
Tot Ion:152 Resp: 33516

Ion Ratio Lower Upper

152 100

150 149.6 126.6 189.8

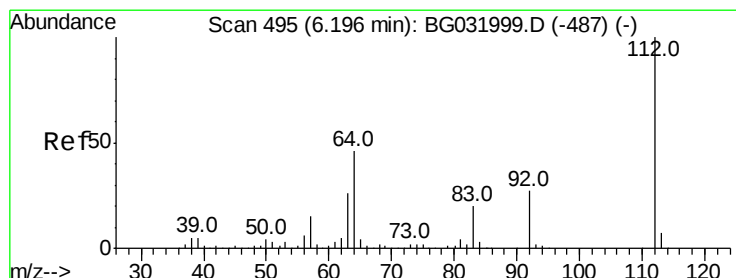
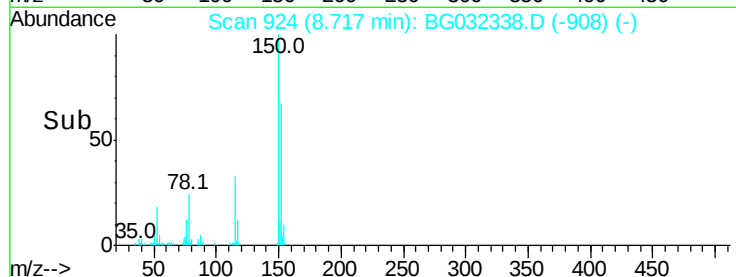
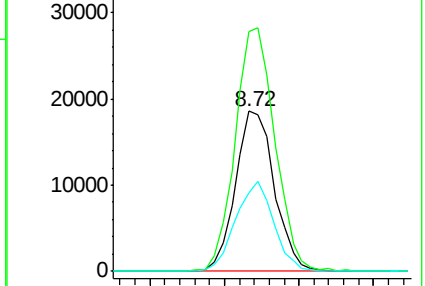
115 48.9 53.0 79.4#



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: 99.356 ng

RT: 6.15 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG032338.D

Acq: 26 Jan 2018 21:15

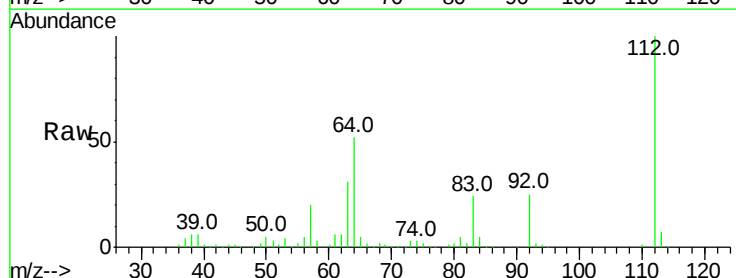
Tgt Ion:112 Resp: 182074

Ion Ratio Lower Upper

112 100

64 51.9 56.3 84.5#

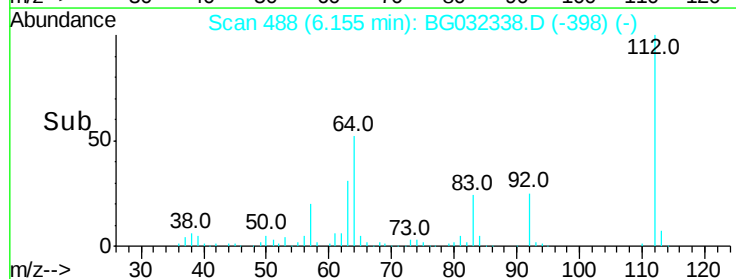
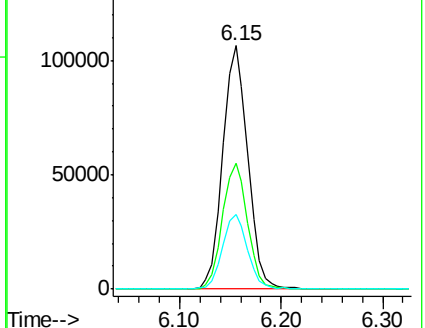
63 30.5 30.1 45.1



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: 96.980 ng

RT: 7.83 min Scan# 773

Delta R.T. -0.01 min

Lab File: BG032338.D

Acq: 26 Jan 2018 21:15

Instrument :

BNA_G

ClientSampleId :

EPE-108-4(84-86)

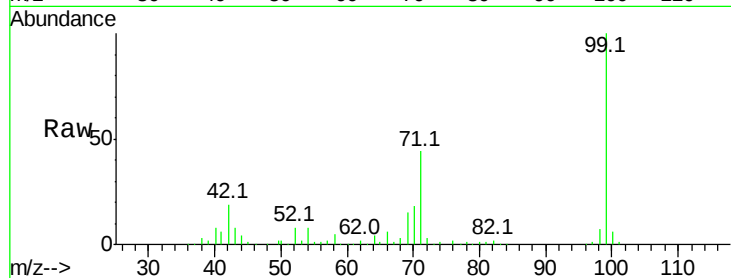
Tot Ion: 99 Resp: 223827

Ion Ratio Lower Upper

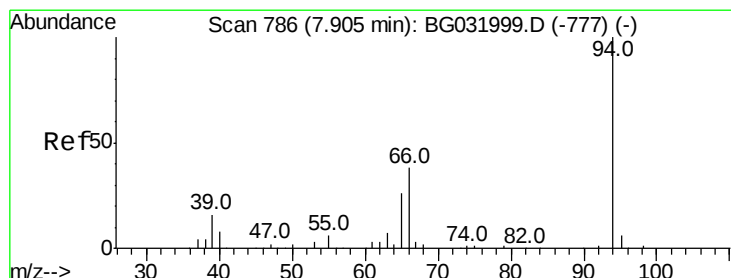
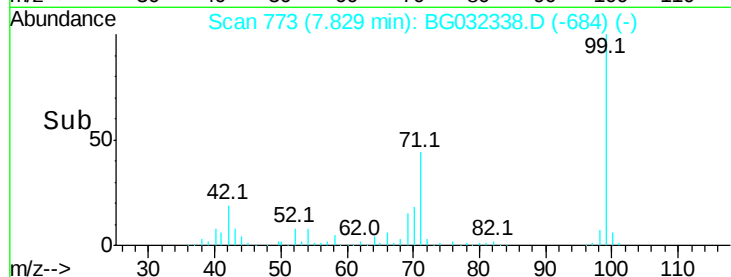
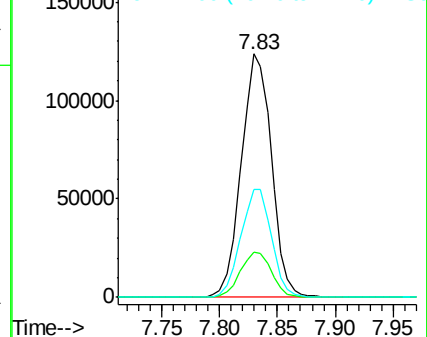
99 100

42 18.5 14.1 21.1

71 44.3 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: 4.017 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG032338.D

Acq: 26 Jan 2018 21:15

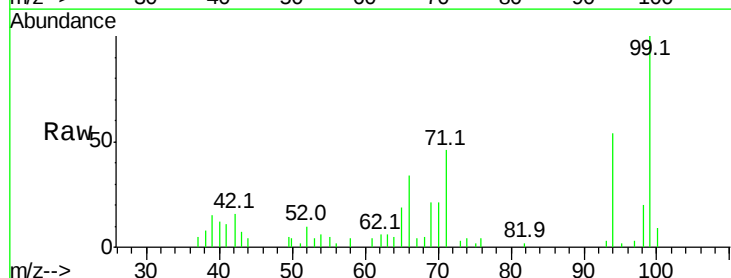
Tgt Ion: 94 Resp: 9132

Ion Ratio Lower Upper

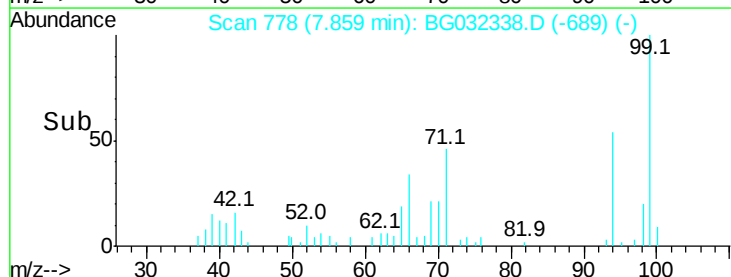
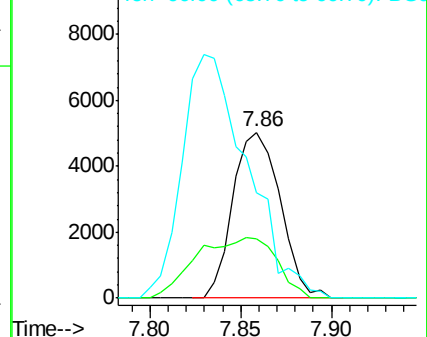
94 100

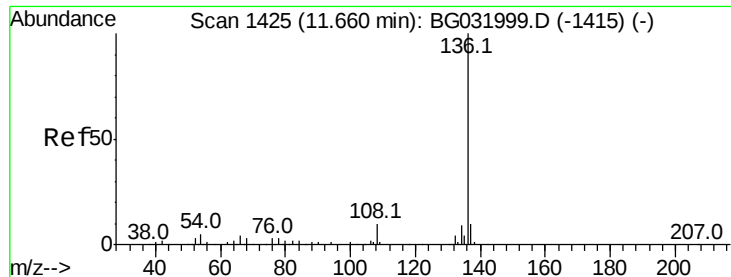
65 35.8 11.9 51.9

66 63.7 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

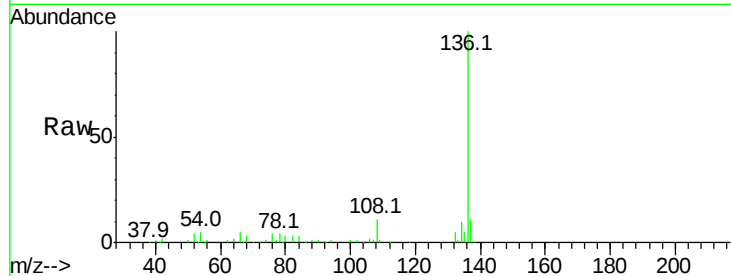




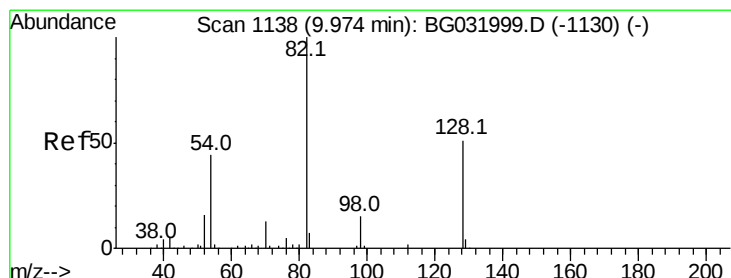
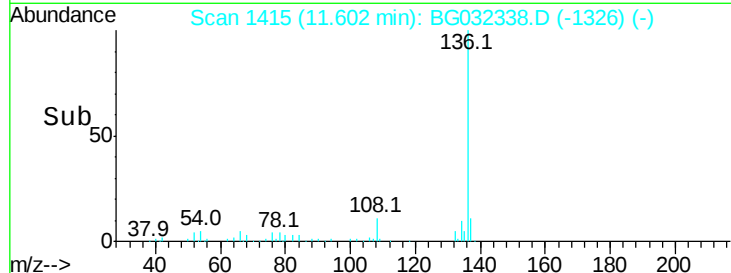
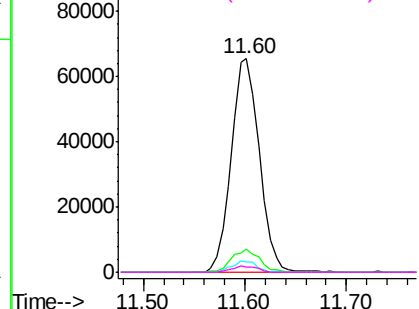
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Instrument :
BNA_G
ClientSampleId :
EPE-108-4(84-86)

Tot Ion:136	Resp:	125846
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.2 13.8
54	4.7	10.3 15.5#
68	2.6	4.5 6.7#

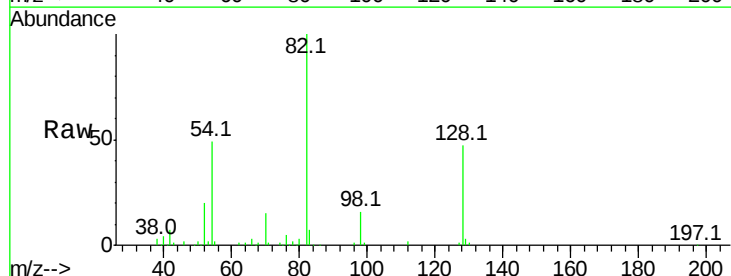


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

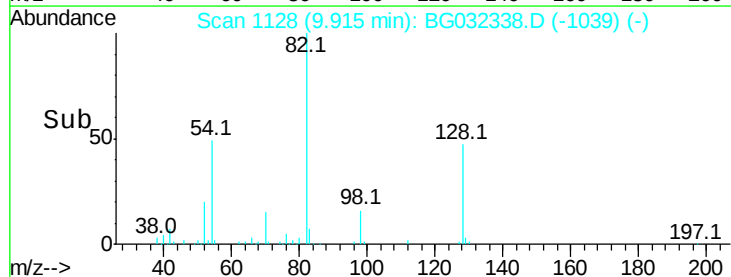
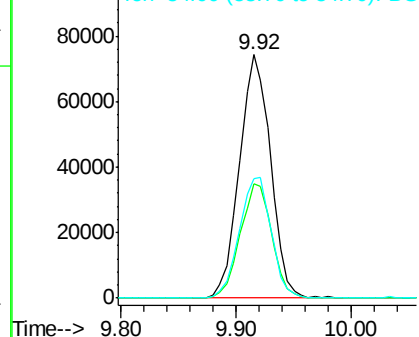


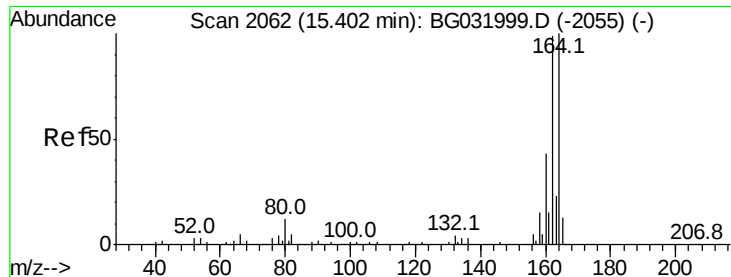
#23
Nitrobenzene-d5
Concen: 74.516 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Tgt Ion: 82	Resp:	138610
Ion	Ratio	Lower Upper
82	100	
128	46.9	29.7 44.5#
54	49.2	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: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG032338.D

Acq: 26 Jan 2018 21:15

Instrument :

BNA_G

ClientSampleId :

EPE-108-4(84-86)

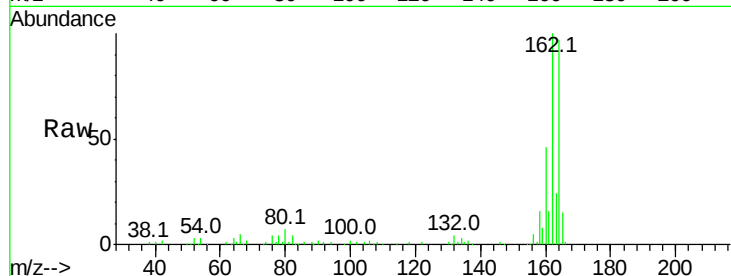
Tot Ion:164 Resp: 90588

Ion Ratio Lower Upper

164 100

162 102.6 78.8 118.2

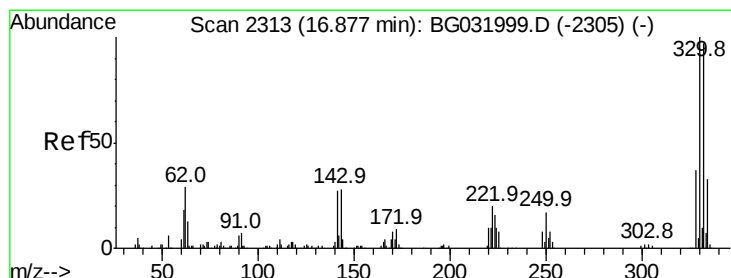
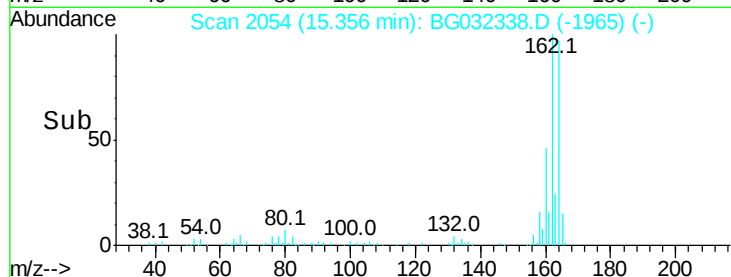
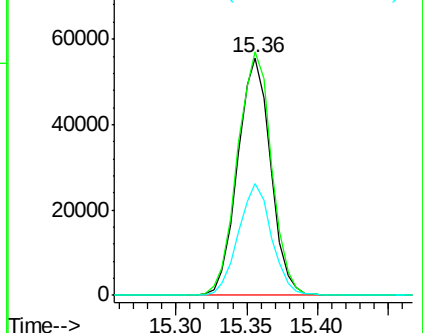
160 47.3 35.4 53.0



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: 123.646 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032338.D

Acq: 26 Jan 2018 21:15

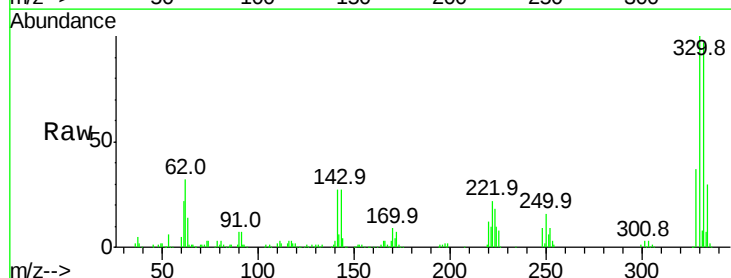
Tgt Ion:330 Resp: 185348

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

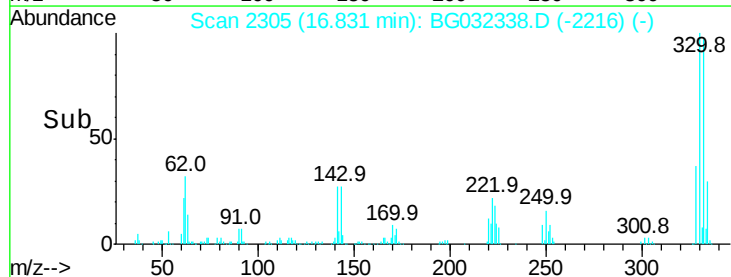
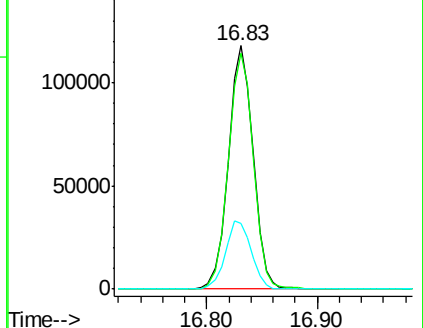
141 29.1 25.2 37.8

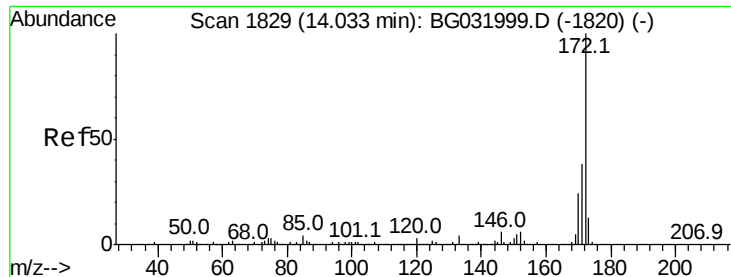


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

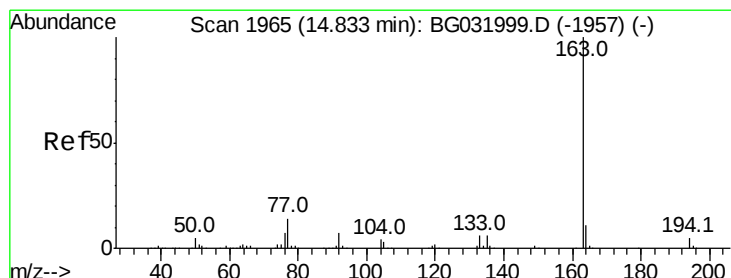
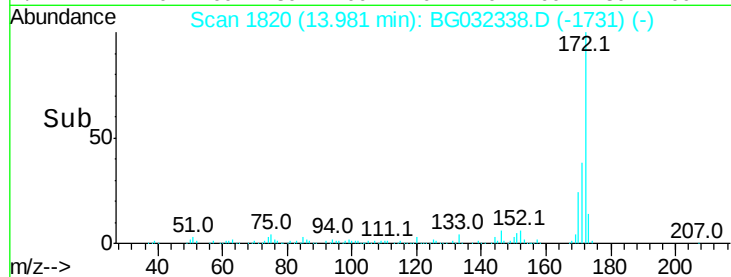
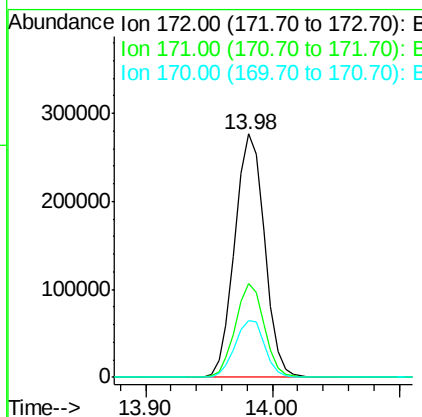
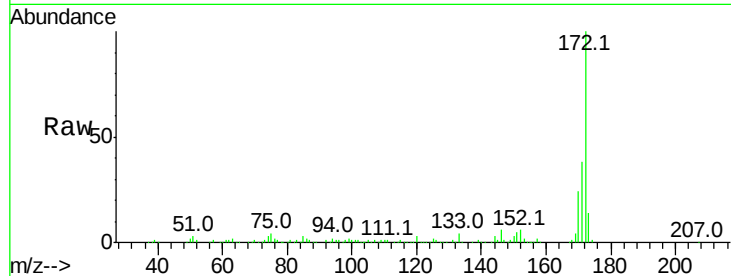




#44
2-Fluorobiphenyl
Concen: 61.516 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

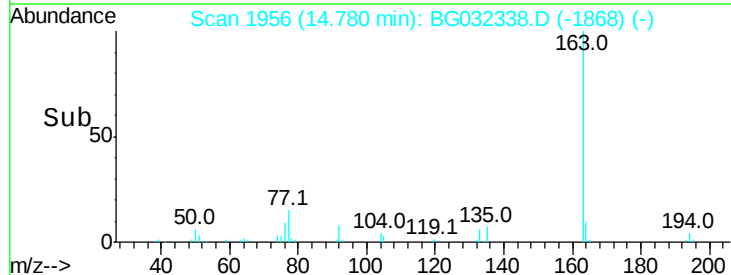
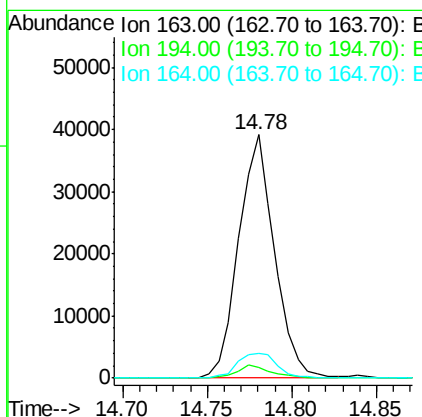
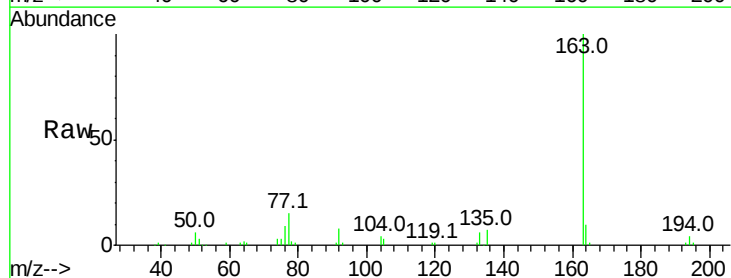
Instrument :
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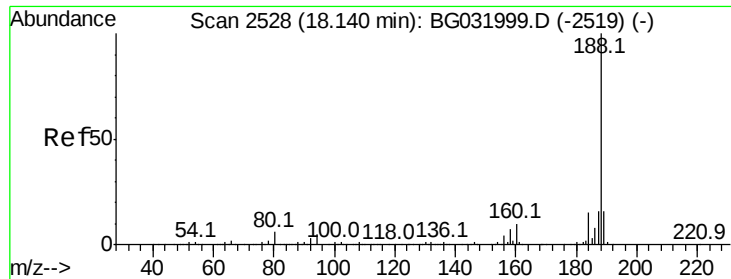
Tot Ion:172 Resp: 449421
Ion Ratio Lower Upper
172 100
171 38.4 30.0 45.0
170 23.5 19.5 29.3



#49
Dimethylphthalate
Concen: 7.290 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Tgt Ion:163 Resp: 57788
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.2 12.4

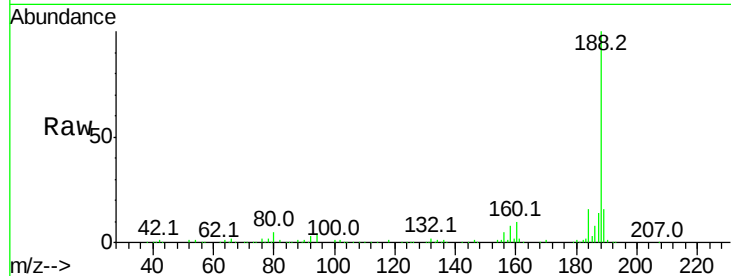




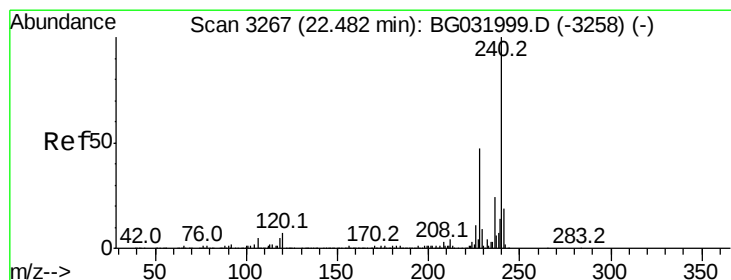
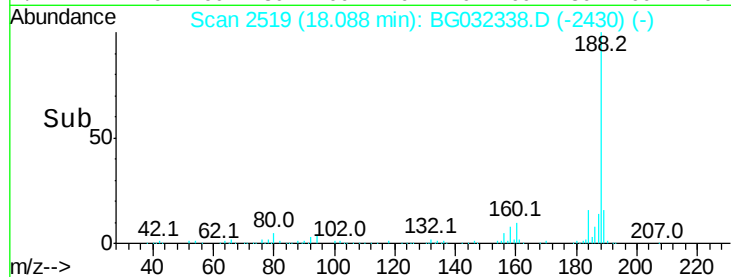
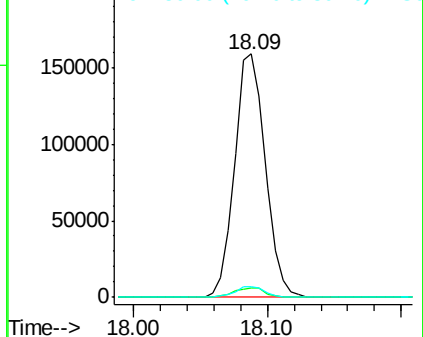
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Instrument :
BNA_G
ClientSampleId :
EPE-108-4(84-86)

Tot Ion:188 Resp: 253522
Ion Ratio Lower Upper
188 100
94 4.0 6.9 10.3#
80 4.6 7.7 11.5#

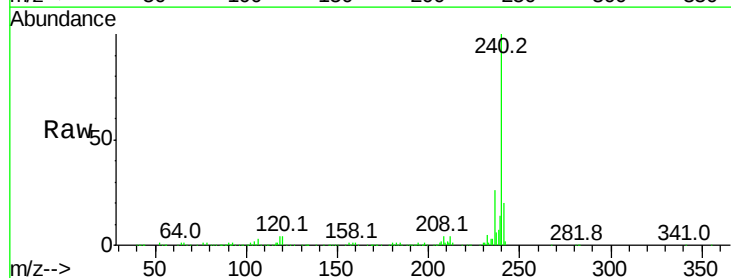


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

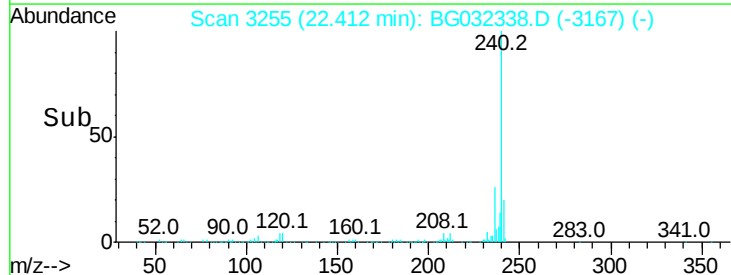
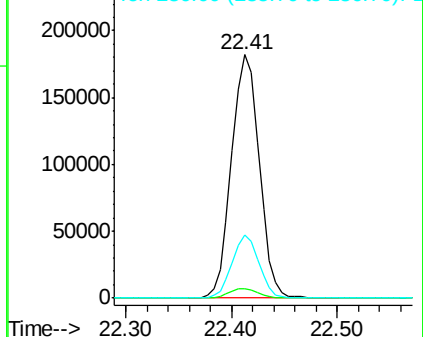


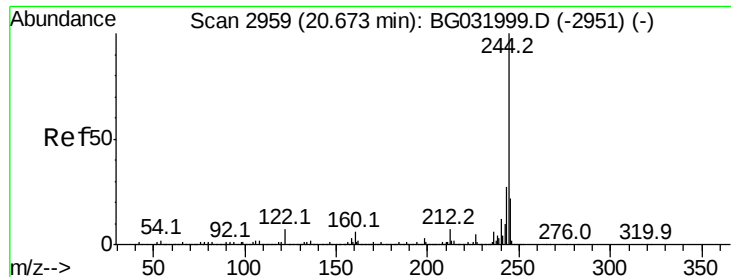
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Tgt Ion:240 Resp: 330265
Ion Ratio Lower Upper
240 100
120 3.8 6.8 10.2#
236 26.2 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: 62.207 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032338.D

Acq: 26 Jan 2018 21:15

Instrument :

BNA_G

ClientSampleId :

EPE-108-4(84-86)

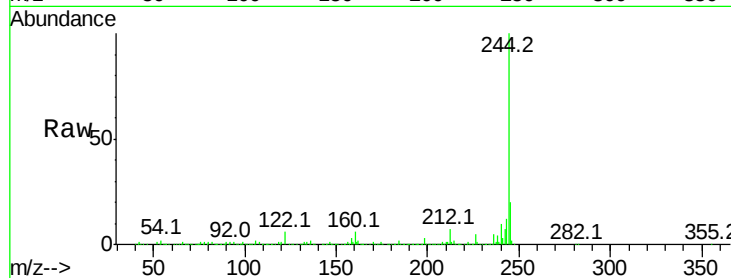
Tot Ion:244 Resp: 930447

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

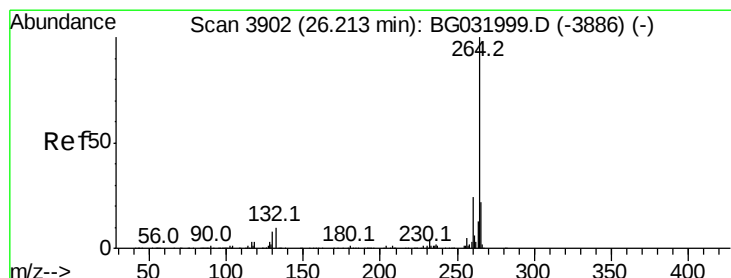
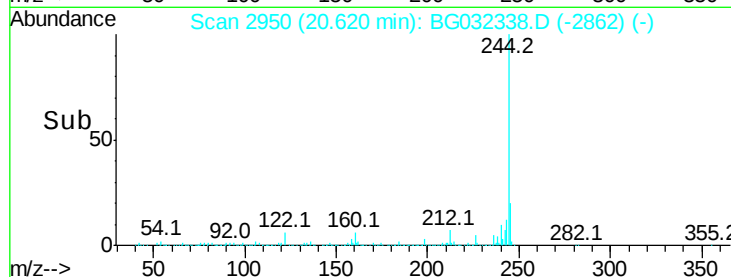
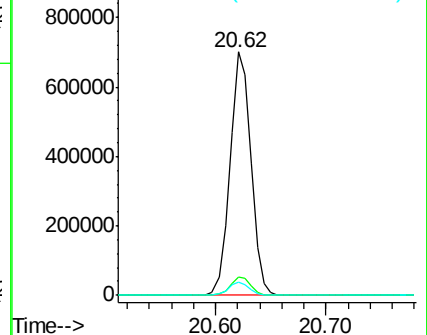
122 5.6 7.0 10.4#



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: 26.09 min Scan# 3881

Delta R.T. -0.02 min

Lab File: BG032338.D

Acq: 26 Jan 2018 21:15

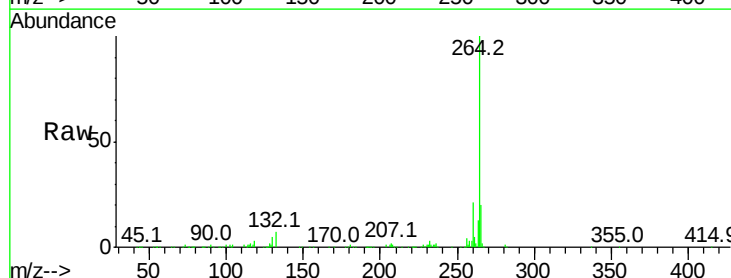
Tgt Ion:264 Resp: 343003

Ion Ratio Lower Upper

264 100

260 21.5 17.4 26.0

265 20.4 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

