

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
 Data File : BG032339.D
 Acq On : 26 Jan 2018 21:52
 Operator : SJ/JU
 Sample : J1288-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-108-4(90-92)

Quant Time: Jan 27 00:21:01 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

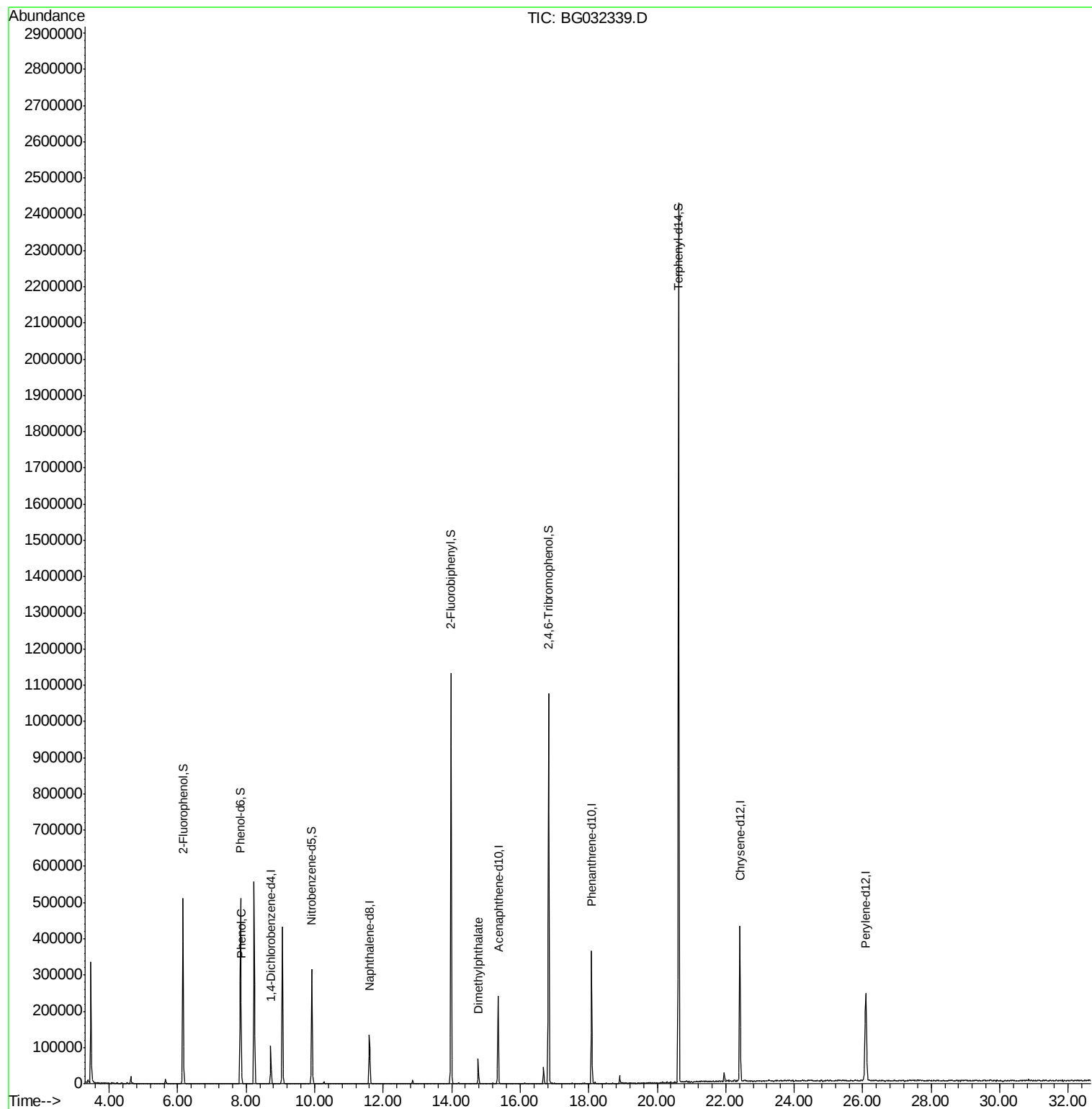
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	33413	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	132037	20.00	ng	-0.01
38) Acenaphthene-d10	15.35	164	92514	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	257376	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	327787	20.00	ng	-0.01
86) Perylene-d12	26.09	264	345100	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	251969	137.92	ng	0.00
7) Phenol-d6	7.83	99	312886	135.99	ng	0.00
23) Nitrobenzene-d5	9.92	82	193282	99.04	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	247235	161.50	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	658566	88.27	ng	0.00
78) Terphenyl-d14	20.62	244	1298285	87.46	ng	-0.01
Target Compounds						
10) Phenol	7.86	94	11792	5.203	ng	86
49) Dimethylphthalate	14.78	163	54469	6.728	ng	99

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

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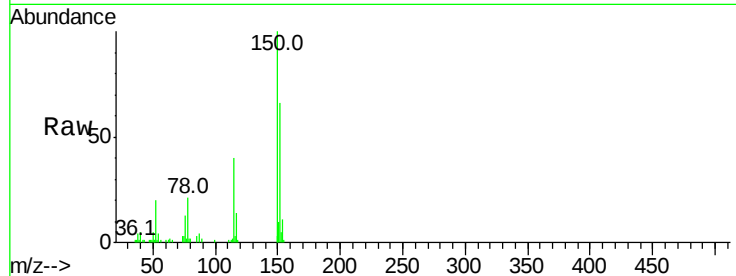


#1

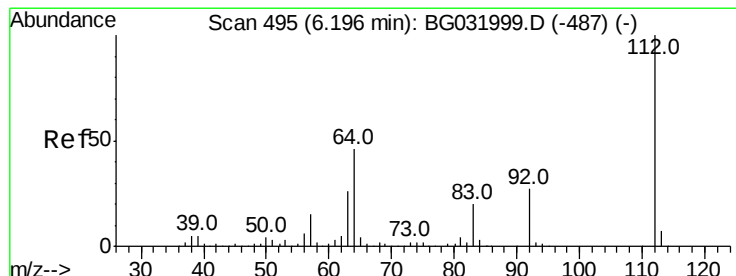
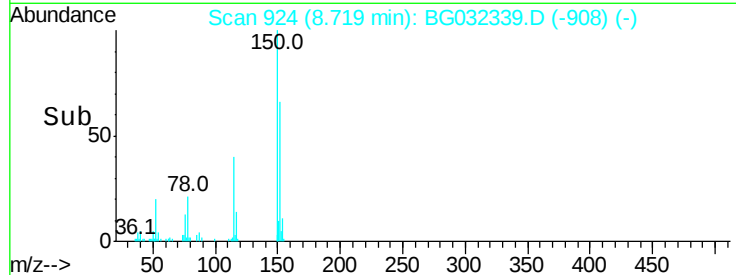
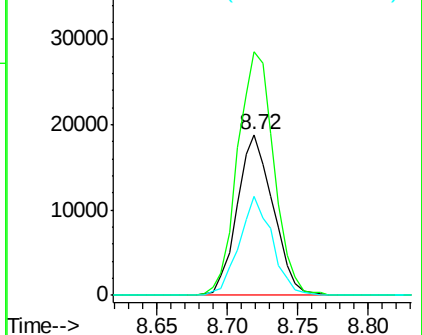
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG032339.D
Acq: 26 Jan 2018 21:52

Instrument :
BNA_G
ClientSampleId :
EPE-108-4(90-92)

Tot Ion:152 Resp: 33413
Ion Ratio Lower Upper
152 100
150 151.5 126.6 189.8
115 61.3 53.0 79.4



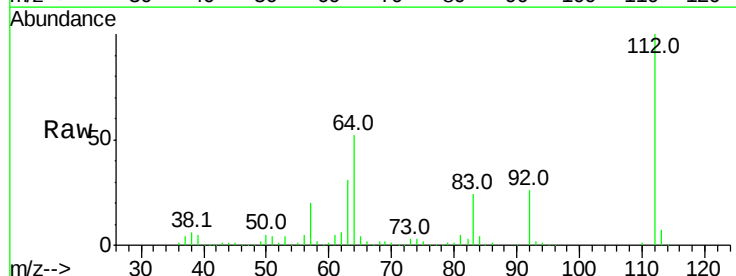
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



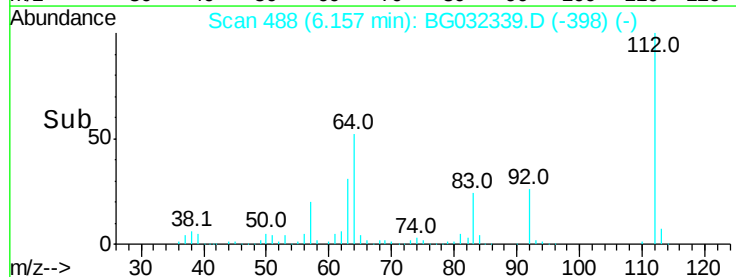
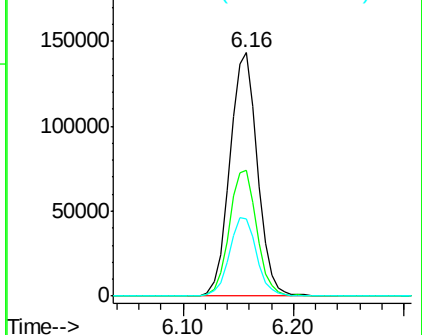
#5

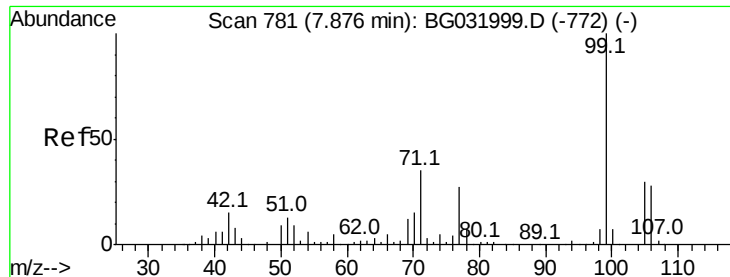
2-Fluorophenol
Concen: 137.921 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032339.D
Acq: 26 Jan 2018 21:52

Tgt Ion:112 Resp: 251969
Ion Ratio Lower Upper
112 100
64 51.6 56.3 84.5#
63 31.5 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: 135.985 ng

RT: 7.83 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG032339.D

Acq: 26 Jan 2018 21:52

Instrument :

BNA_G

ClientSampleId :

EPE-108-4(90-92)

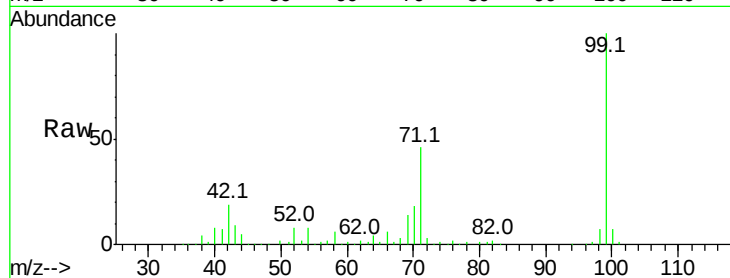
Tot Ion: 99 Resp: 312886

Ion Ratio Lower Upper

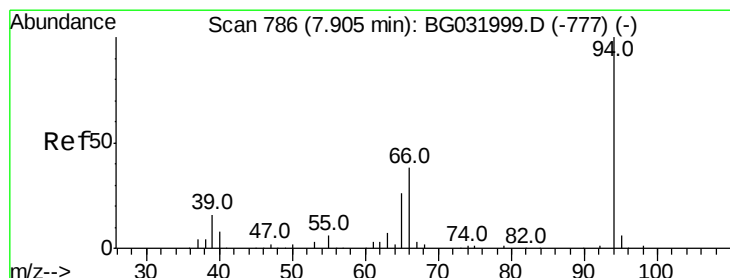
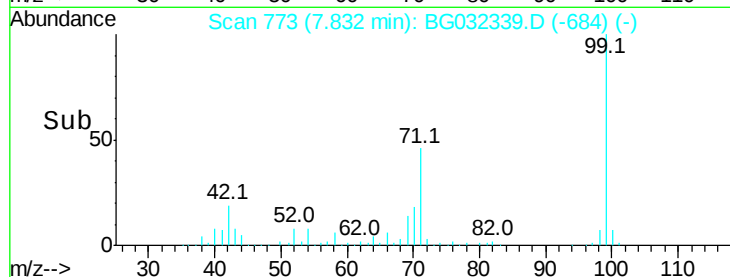
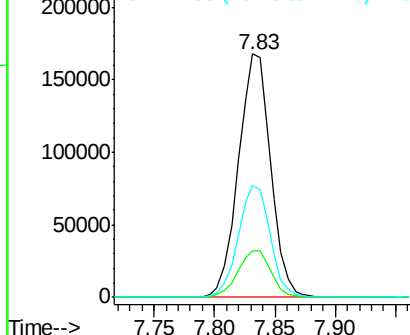
99 100

42 19.0 14.1 21.1

71 46.0 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: 5.203 ng

RT: 7.86 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG032339.D

Acq: 26 Jan 2018 21:52

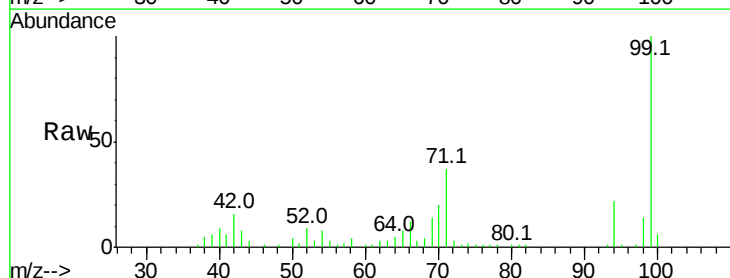
Tgt Ion: 94 Resp: 11792

Ion Ratio Lower Upper

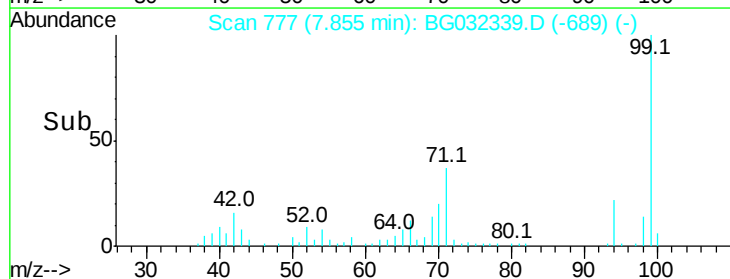
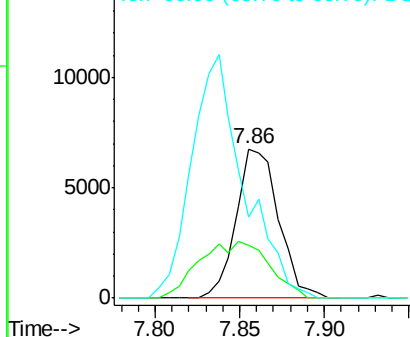
94 100

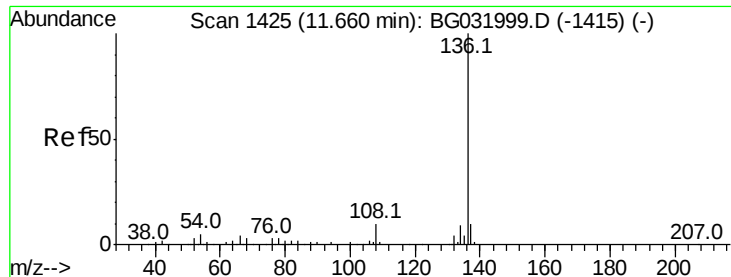
65 35.7 11.9 51.9

66 54.1 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

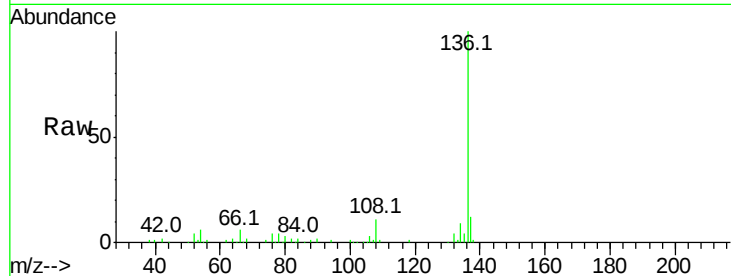




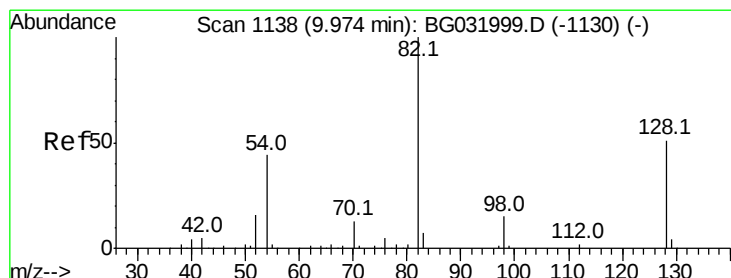
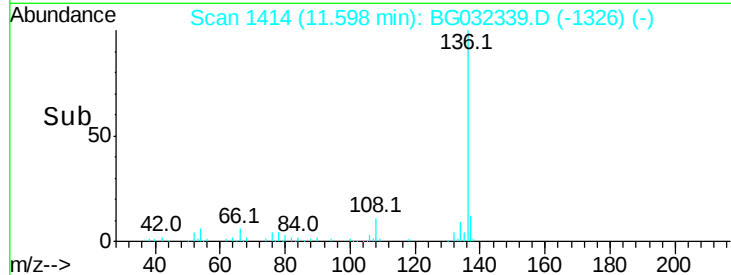
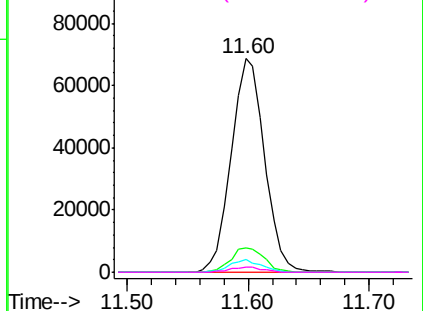
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BG032339.D
Acq: 26 Jan 2018 21:52

Instrument :
BNA_G
ClientSampleId :
EPE-108-4(90-92)

Tot Ion:136	Resp:	132037
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.2 13.8
54	6.2	10.3 15.5#
68	2.5	4.5 6.7#

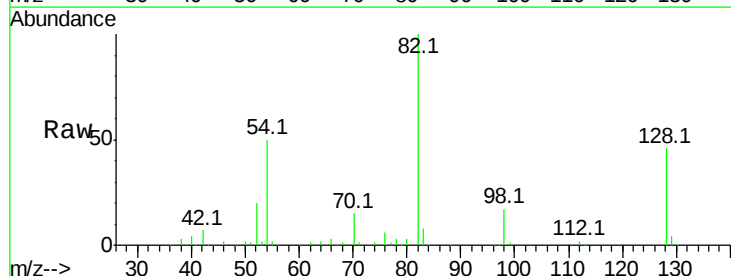


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

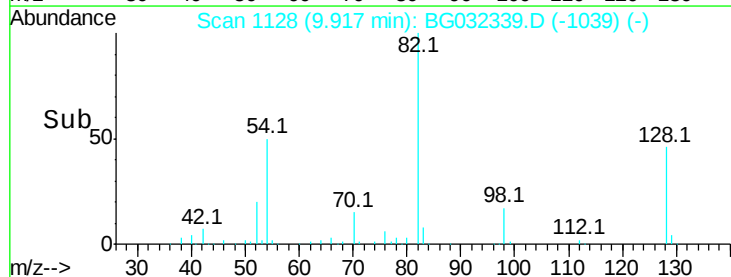
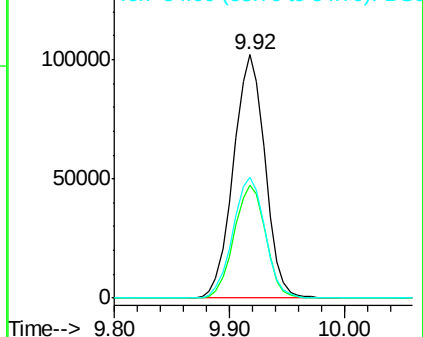


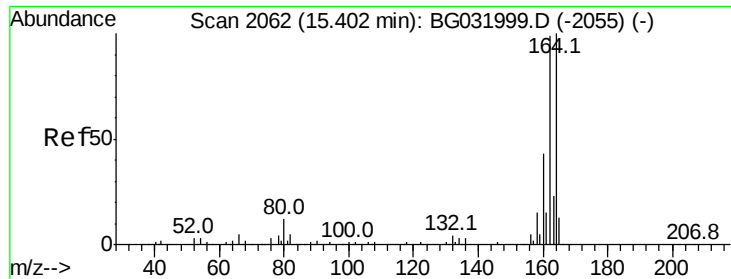
#23
Nitrobenzene-d5
Concen: 99.036 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG032339.D
Acq: 26 Jan 2018 21:52

Tgt Ion: 82	Resp:	193282
Ion Ratio	Lower	Upper
82	100	
128	46.4	29.7 44.5#
54	49.7	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG032339.D

Acq: 26 Jan 2018 21:52

Instrument :

BNA_G

ClientSampleId :

EPE-108-4(90-92)

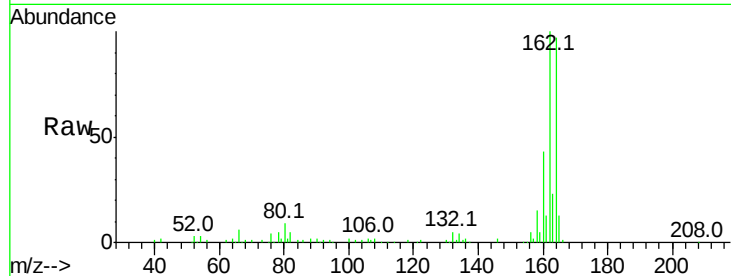
Tot Ion:164 Resp: 92514

Ion Ratio Lower Upper

164 100

162 102.8 78.8 118.2

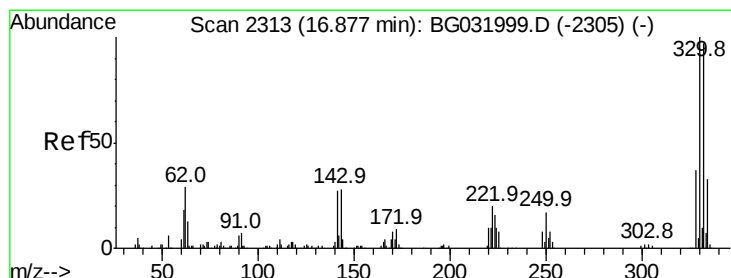
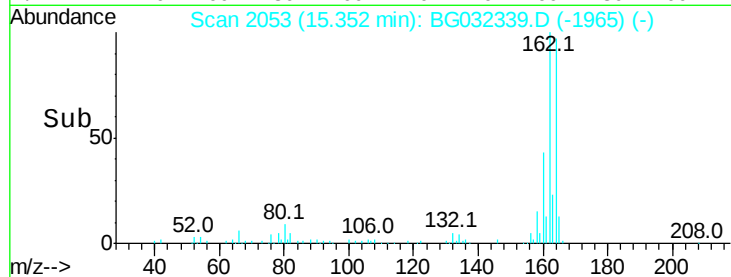
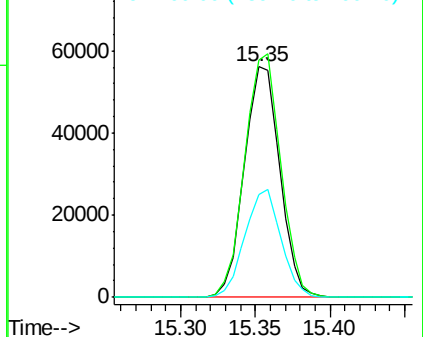
160 44.5 35.4 53.0



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: 161.497 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BG032339.D

Acq: 26 Jan 2018 21:52

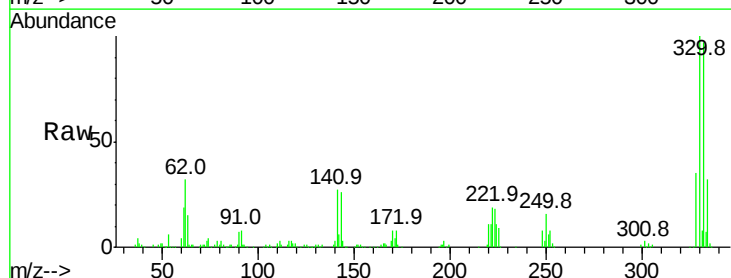
Tgt Ion:330 Resp: 247235

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

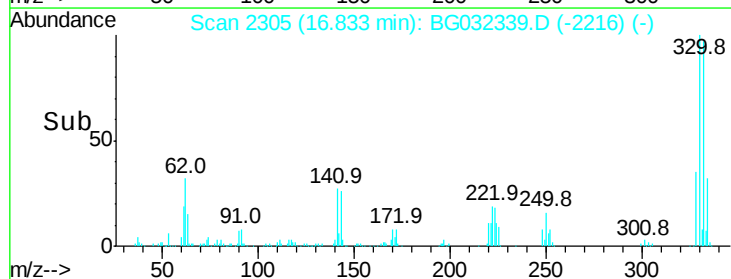
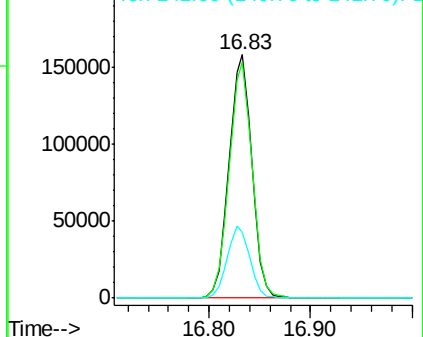
141 29.4 25.2 37.8

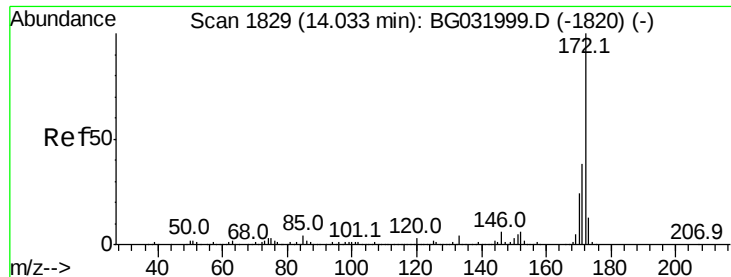


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

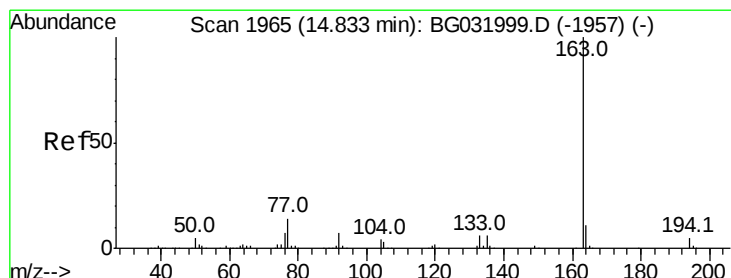
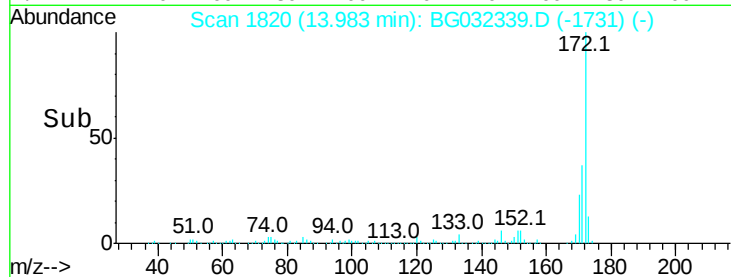
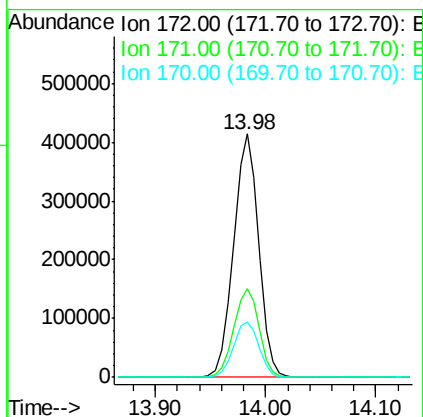
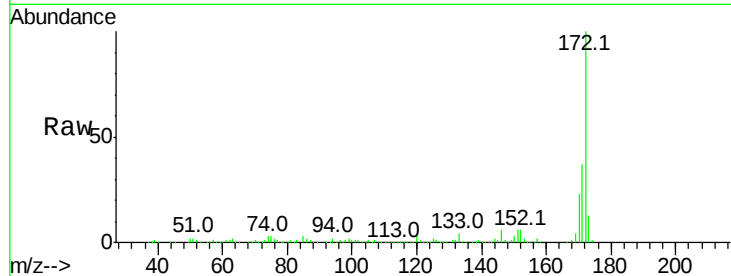




#44
2-Fluorobiphenyl
Concen: 88.267 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG032339.D
Acq: 26 Jan 2018 21:52

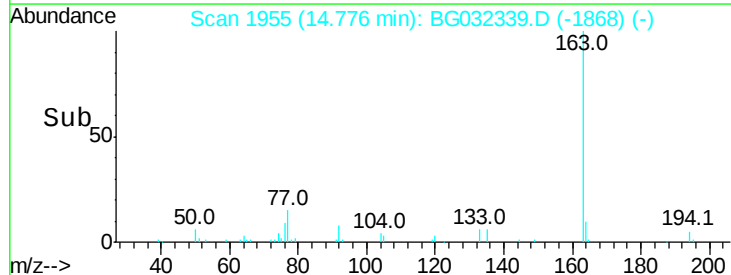
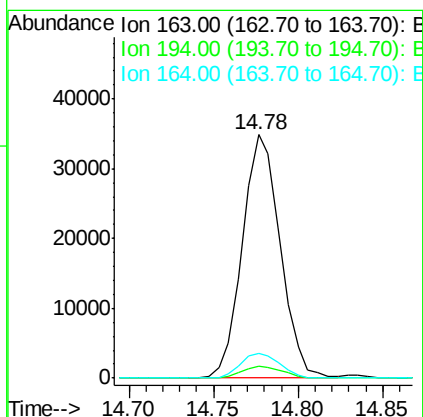
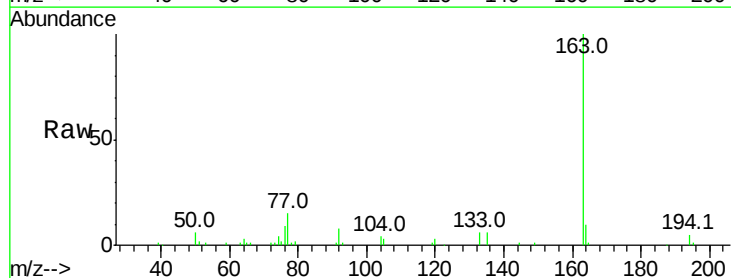
Instrument :
BNA_G
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EPE-108-4(90-92)

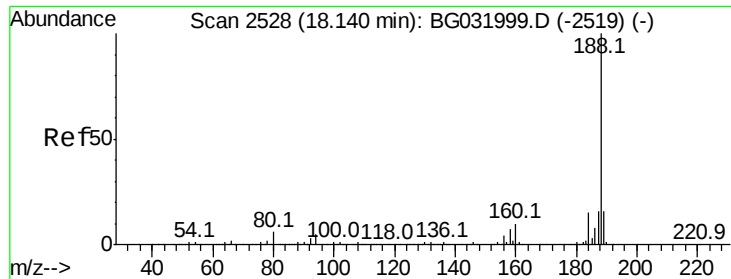
Tot Ion:172 Resp: 658566
Ion Ratio Lower Upper
172 100
171 36.7 30.0 45.0
170 22.9 19.5 29.3



#49
Dimethylphthalate
Concen: 6.728 ng
RT: 14.78 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG032339.D
Acq: 26 Jan 2018 21:52

Tgt Ion:163 Resp: 54469
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 10.1 8.2 12.4

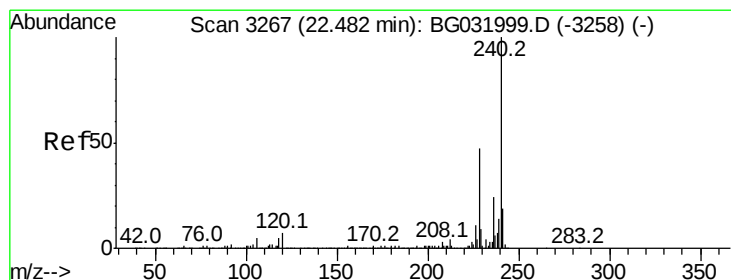
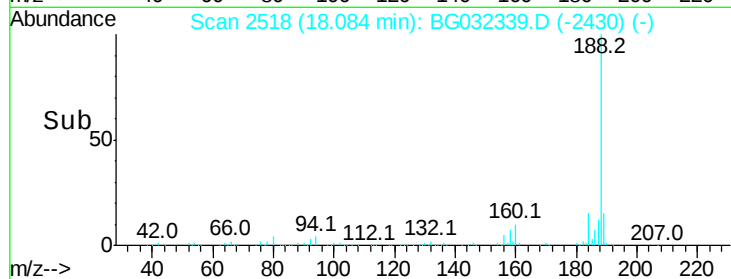
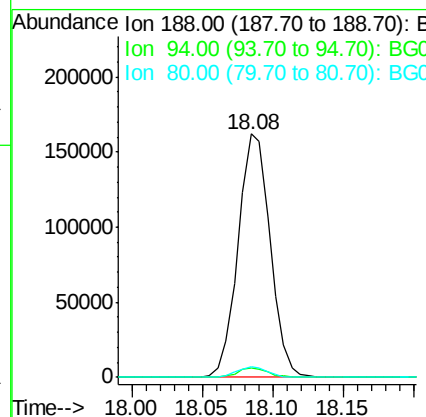
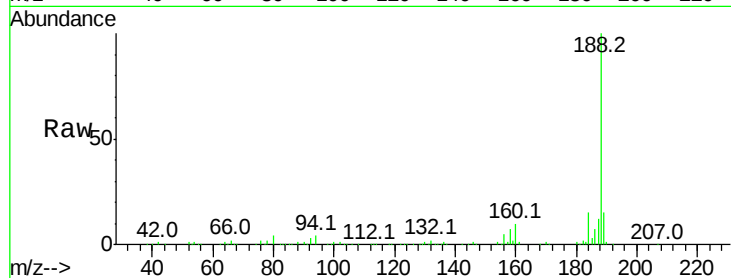




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BG032339.D
Acq: 26 Jan 2018 21:52

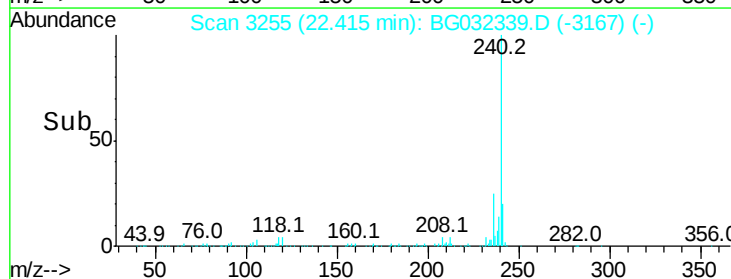
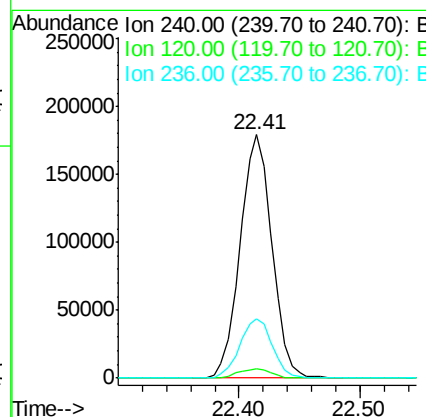
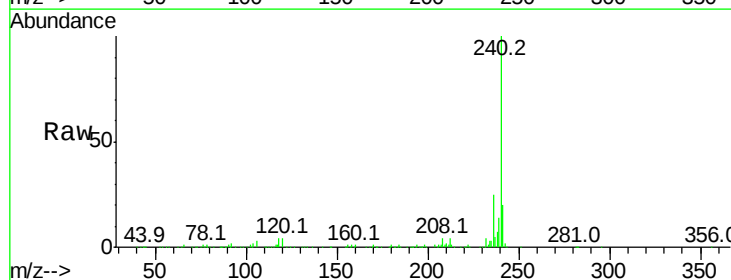
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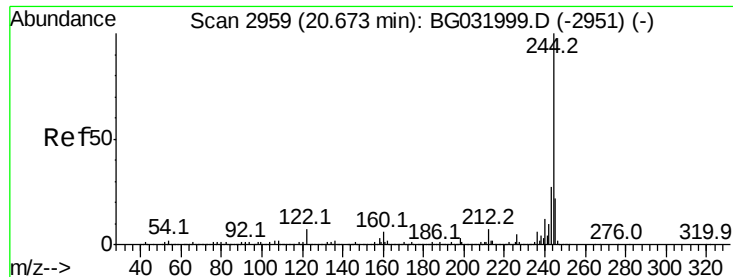
Tot Ion:188 Resp: 257376
Ion Ratio Lower Upper
188 100
94 4.0 6.9 10.3#
80 4.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032339.D
Acq: 26 Jan 2018 21:52

Tgt Ion:240 Resp: 327787
Ion Ratio Lower Upper
240 100
120 3.8 6.8 10.2#
236 24.5 20.9 31.3





#78

Terphenyl-d14

Concen: 87.455 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032339.D

Acq: 26 Jan 2018 21:52

Instrument :

BNA_G

ClientSampleId :

EPE-108-4(90-92)

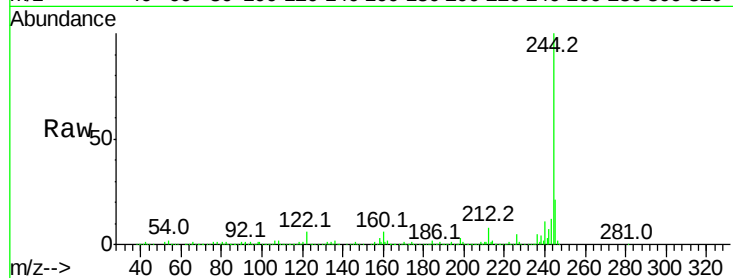
Tot Ion:244 Resp: 1298285

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

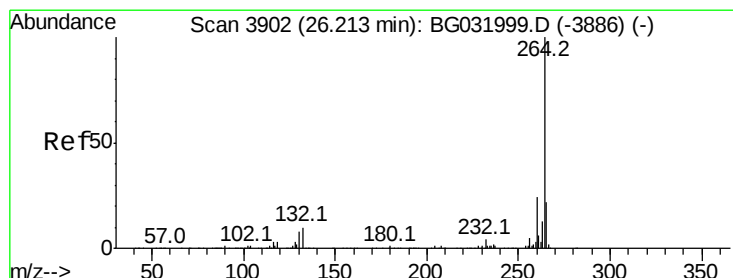
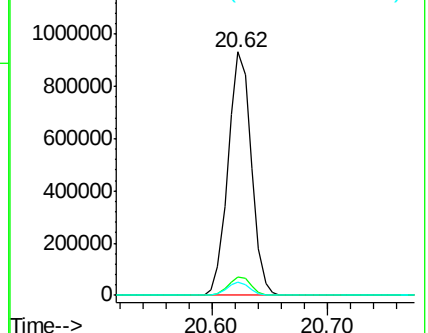
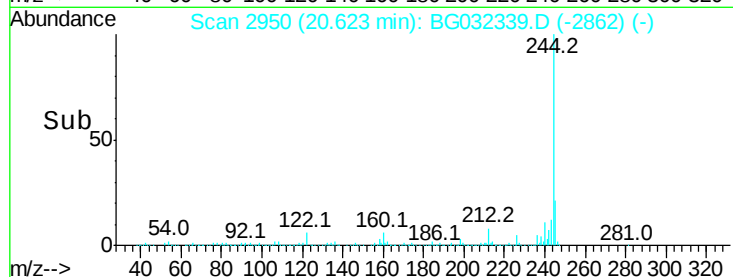
122 5.6 7.0 10.4#



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# 3880

Delta R.T. -0.02 min

Lab File: BG032339.D

Acq: 26 Jan 2018 21:52

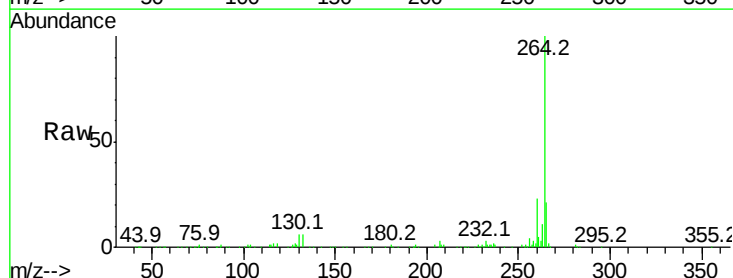
Tgt Ion:264 Resp: 345100

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 20.9 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

