

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
 Data File : BG032336.D
 Acq On : 26 Jan 2018 20:00
 Operator : SJ/JU
 Sample : J1288-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-108-4(75-77)

Quant Time: Jan 26 23:56:30 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

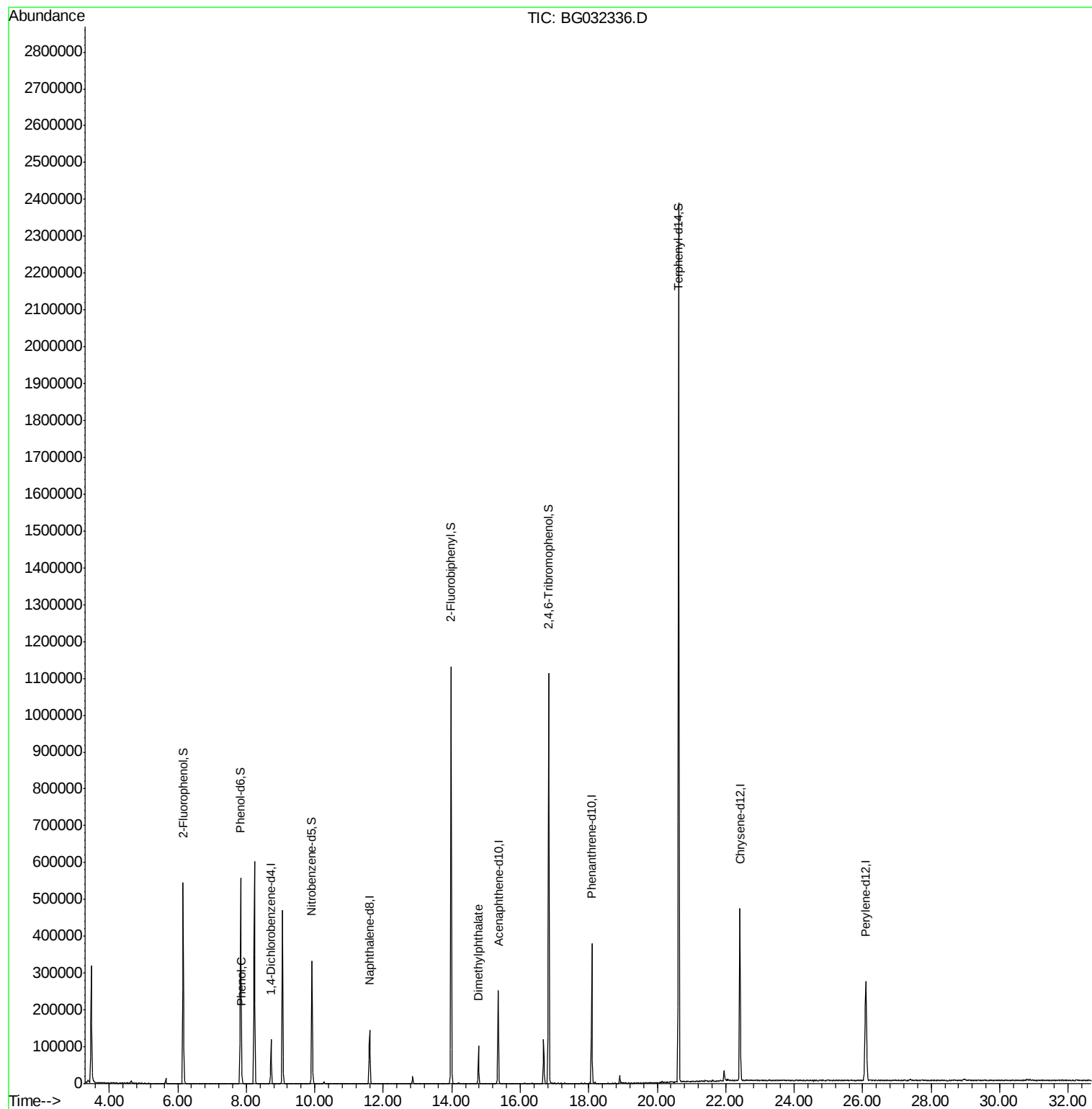
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	38434	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	145434	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	100556	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	265426	20.00	ng	0.00
75) Chrysene-d12	22.41	240	349164	20.00	ng	-0.01
86) Perylene-d12	26.09	264	366552	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	273157	129.99	ng	0.00
7) Phenol-d6	7.84	99	334989	126.57	ng	0.00
23) Nitrobenzene-d5	9.92	82	210026	97.70	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	249598	150.00	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	654195	80.67	ng	0.00
78) Terphenyl-d14	20.62	244	1294051	81.83	ng	-0.01
Target Compounds						
10) Phenol	7.87	94	12866	4.935	ng	84
49) Dimethylphthalate	14.78	163	74986	8.522	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: 8.72 min Scan# 924

Delta R.T. -0.01 min

Lab File: BG032336.D

Acq: 26 Jan 2018 20:00

Instrument :

BNA_G

ClientSampleId :

EPE-108-4(75-77)

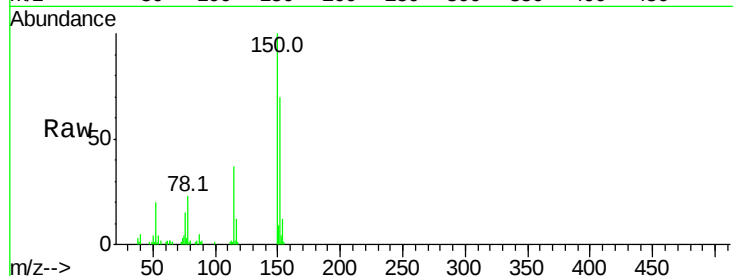
Tot Ion:152 Resp: 38434

Ion Ratio Lower Upper

152 100

150 143.6 126.6 189.8

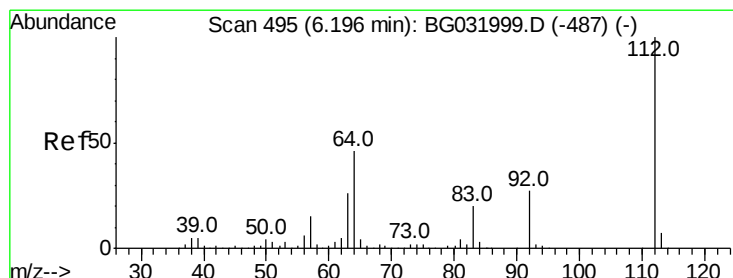
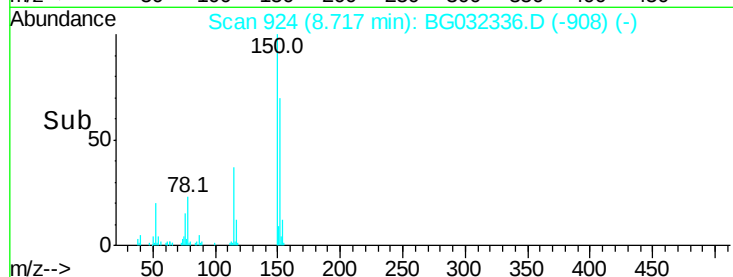
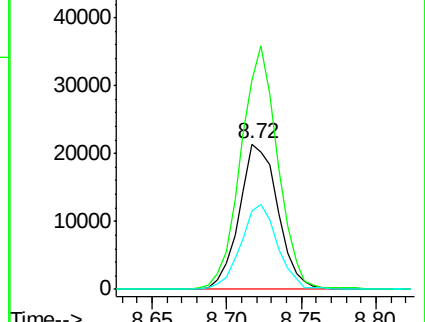
115 53.7 53.0 79.4



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: 129.985 ng

RT: 6.16 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG032336.D

Acq: 26 Jan 2018 20:00

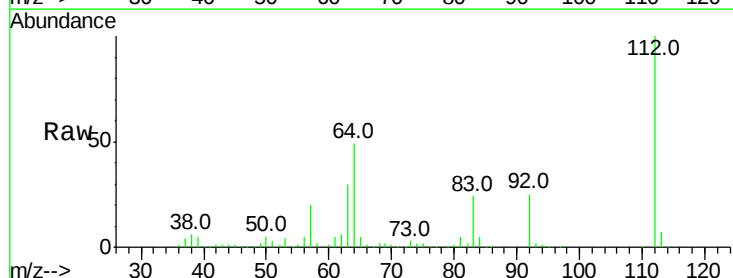
Tgt Ion:112 Resp: 273157

Ion Ratio Lower Upper

112 100

64 49.4 56.3 84.5#

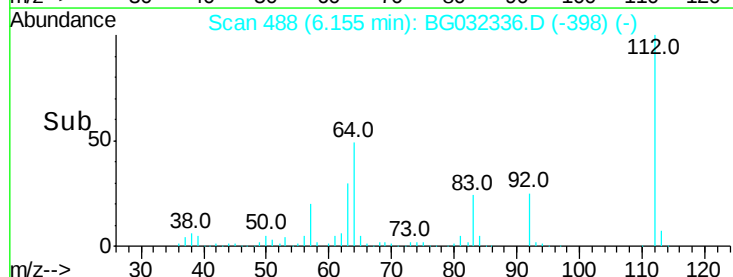
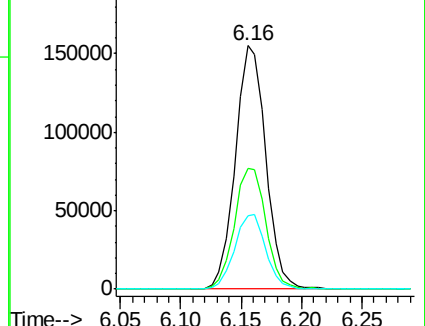
63 30.0 30.1 45.1#

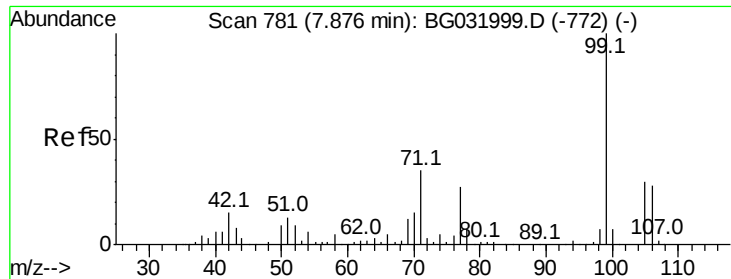


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 126.572 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032336.D

Acq: 26 Jan 2018 20:00

Instrument :

BNA_G

ClientSampleId :

EPE-108-4(75-77)

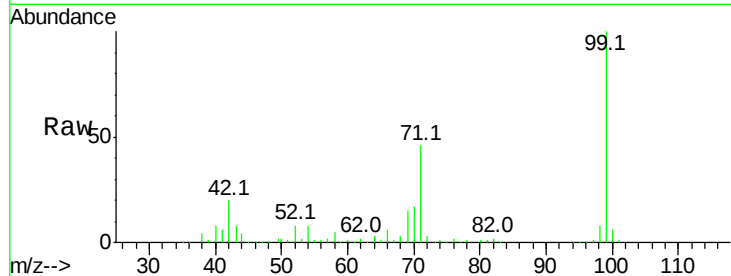
Tot Ion: 99 Resp: 334989

Ion Ratio Lower Upper

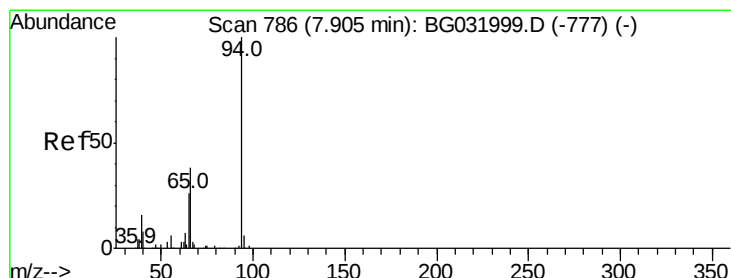
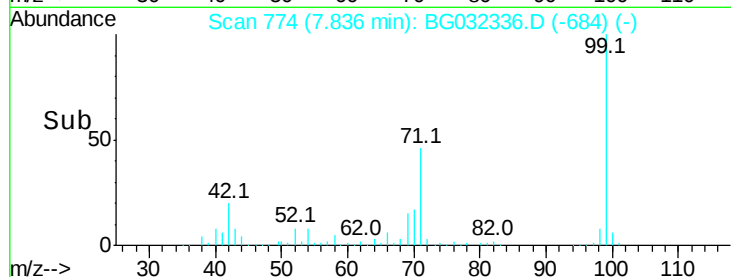
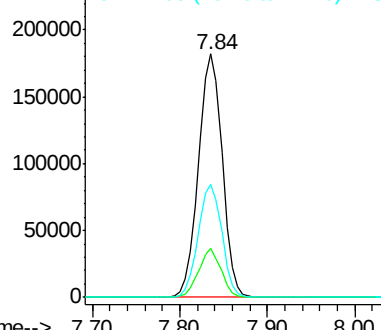
99 100

42 20.1 14.1 21.1

71 46.5 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: 4.935 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032336.D

Acq: 26 Jan 2018 20:00

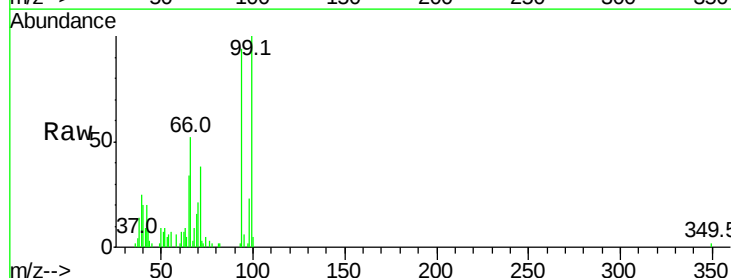
Tgt Ion: 94 Resp: 12866

Ion Ratio Lower Upper

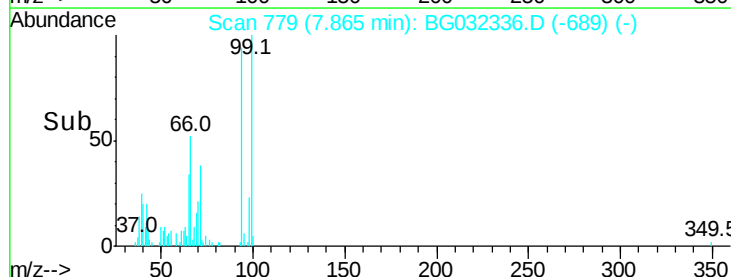
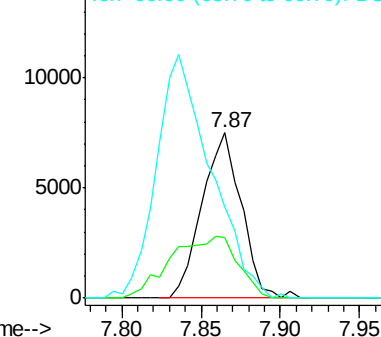
94 100

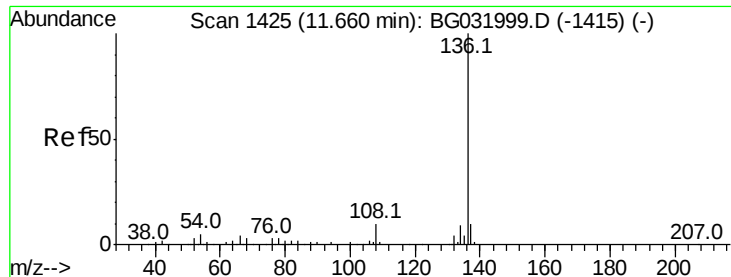
65 36.6 11.9 51.9

66 55.4 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

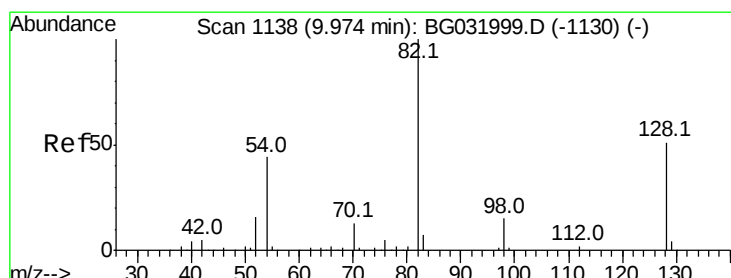
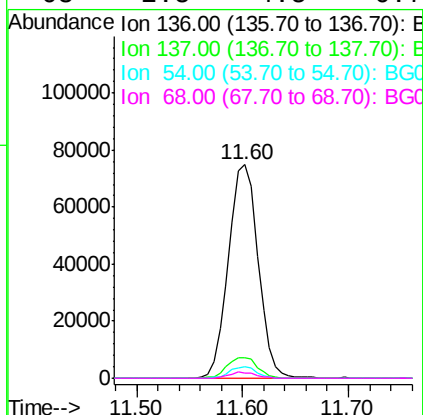
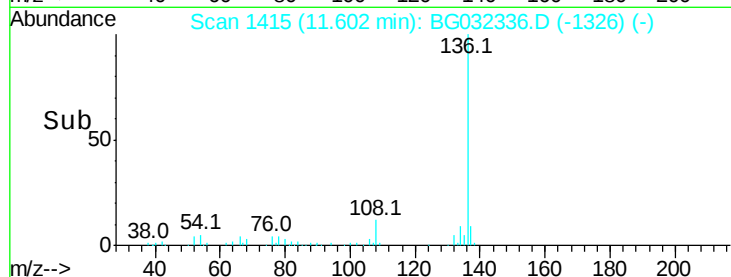
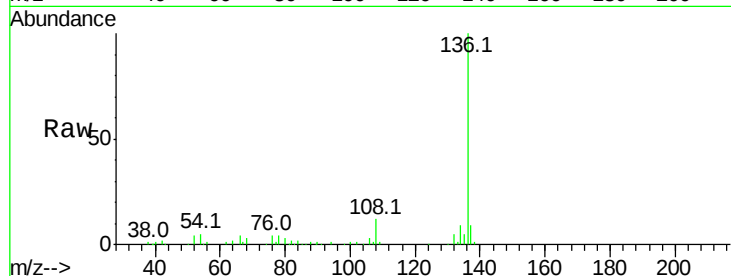




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032336.D
Acq: 26 Jan 2018 20:00

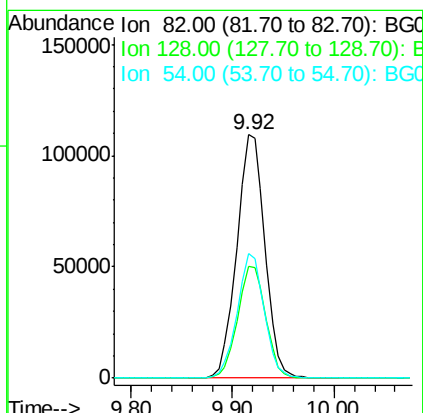
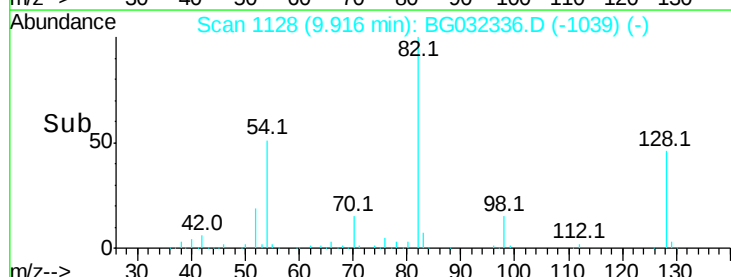
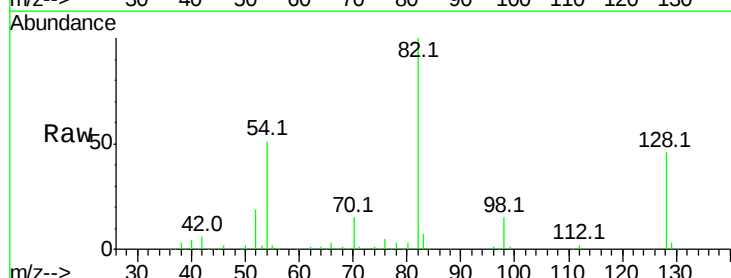
Instrument :
BNA_G
ClientSampleId :
EPE-108-4(75-77)

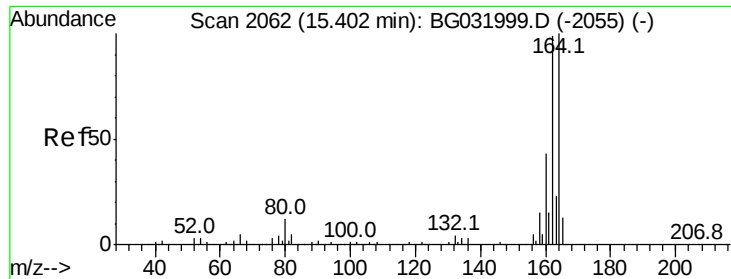
Tot Ion:136	Resp:	145434
Ion Ratio	Lower	Upper
136	100	
137	9.4	9.2 13.8
54	5.3	10.3 15.5#
68	2.5	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 97.702 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG032336.D
Acq: 26 Jan 2018 20:00

Tgt Ion: 82	Resp:	210026
Ion Ratio	Lower	Upper
82	100	
128	45.8	29.7 44.5#
54	51.4	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG032336.D

Acq: 26 Jan 2018 20:00

Instrument :

BNA_G

ClientSampleId :

EPE-108-4(75-77)

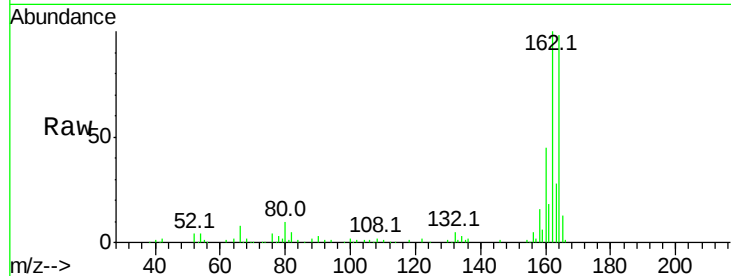
Tot Ion:164 Resp: 100556

Ion Ratio Lower Upper

164 100

162 102.3 78.8 118.2

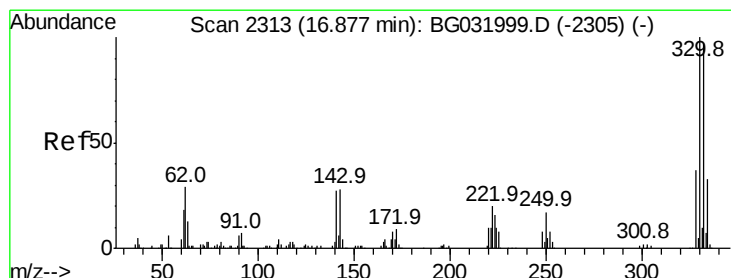
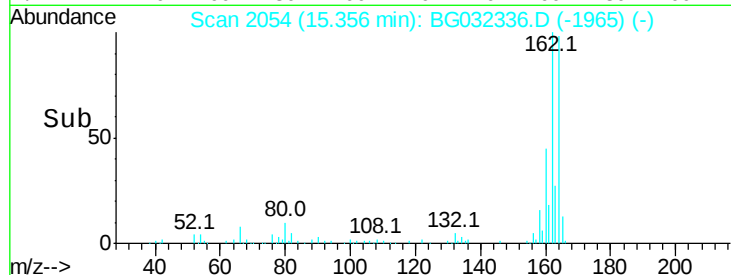
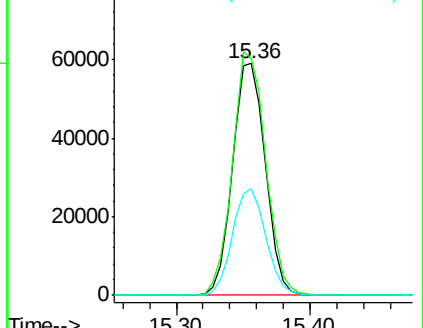
160 46.1 35.4 53.0



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: 150.002 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032336.D

Acq: 26 Jan 2018 20:00

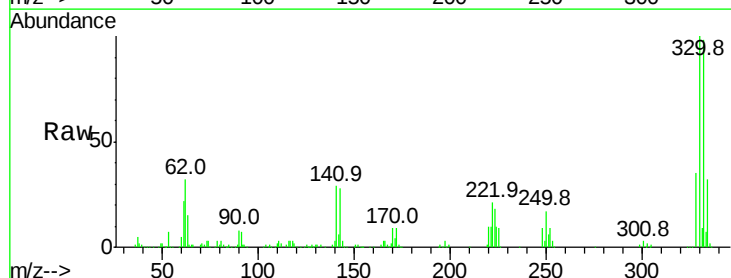
Tgt Ion:330 Resp: 249598

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

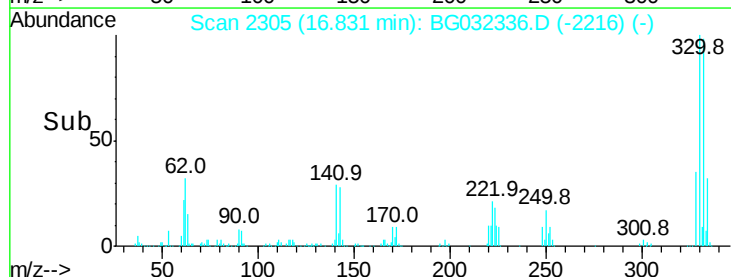
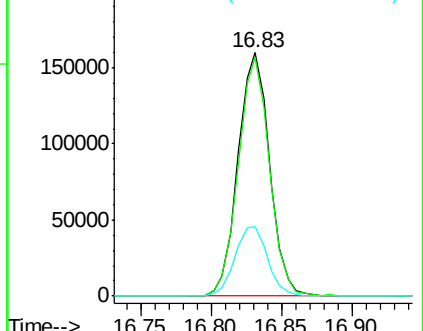
141 29.4 25.2 37.8

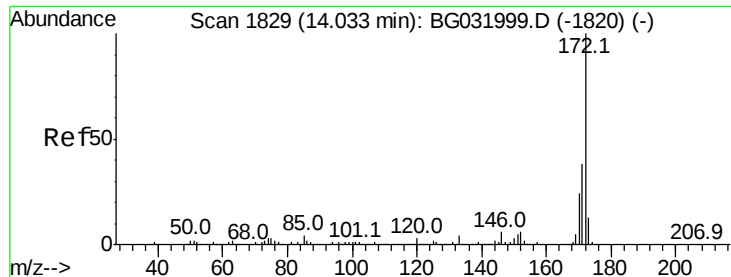


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

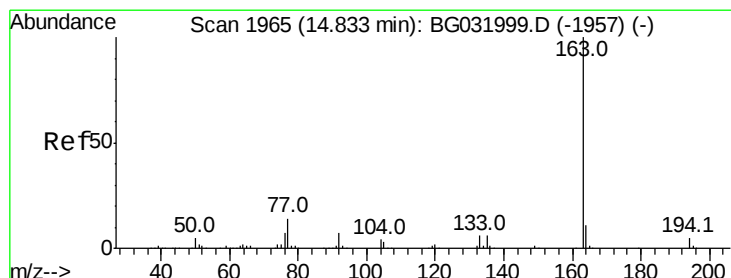
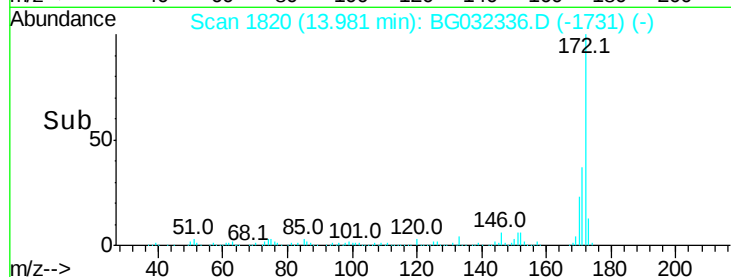
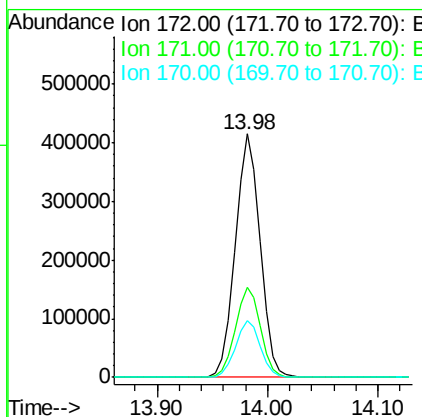
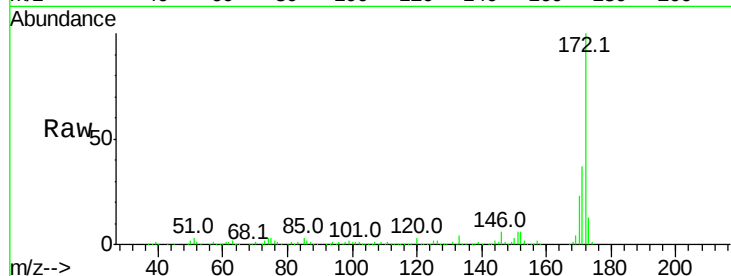




#44
2-Fluorobiphenyl
Concen: 80.668 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG032336.D
Acq: 26 Jan 2018 20:00

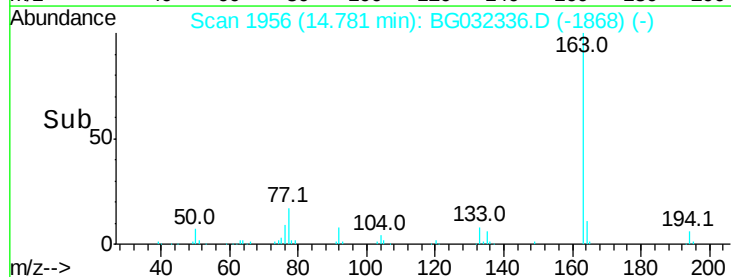
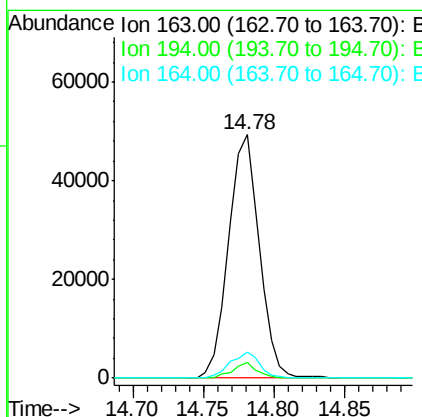
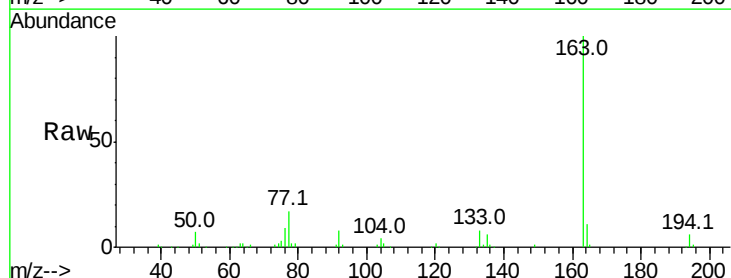
Instrument :
BNA_G
ClientSampleId :
EPE-108-4(75-77)

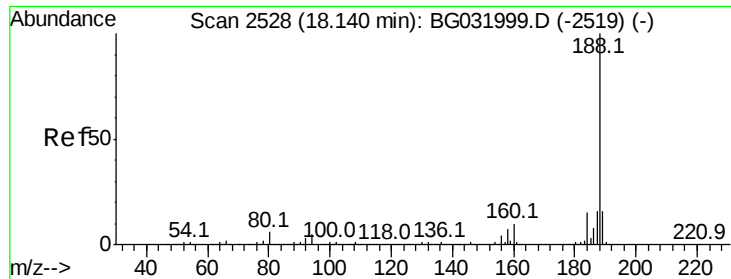
Tot Ion:172 Resp: 654195
Ion Ratio Lower Upper
172 100
171 37.2 30.0 45.0
170 23.4 19.5 29.3



#49
Dimethylphthalate
Concen: 8.522 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG032336.D
Acq: 26 Jan 2018 20:00

Tgt Ion:163 Resp: 74986
Ion Ratio Lower Upper
163 100
194 6.5 3.4 5.2#
164 10.7 8.2 12.4

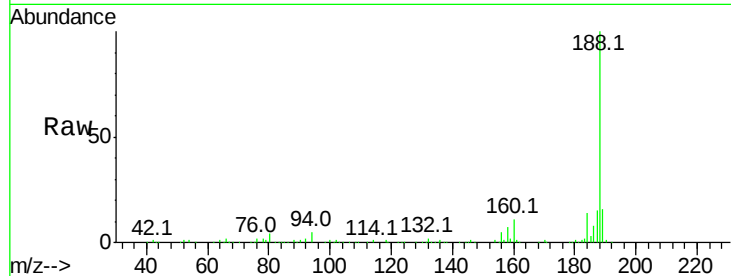




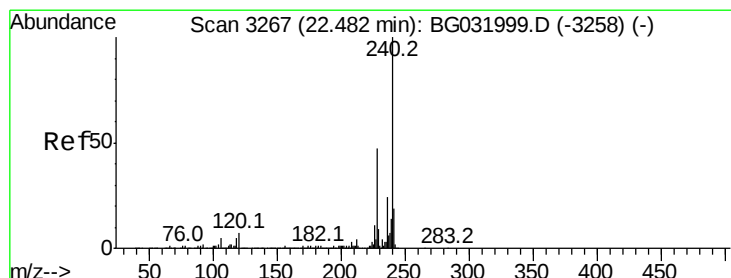
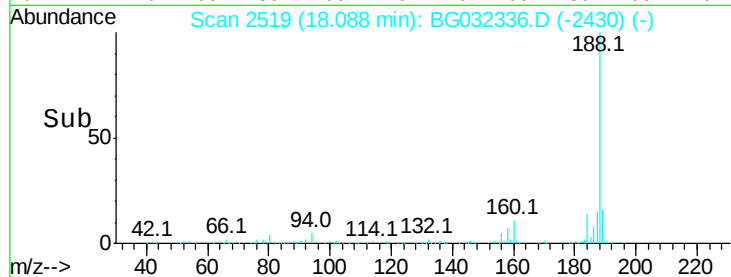
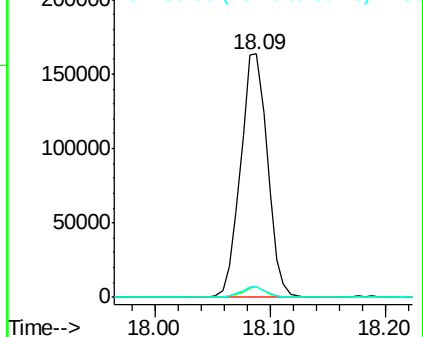
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032336.D
Acq: 26 Jan 2018 20:00

Instrument :
BNA_G
ClientSampleId :
EPE-108-4(75-77)

Tot Ion:188 Resp: 265426
Ion Ratio Lower Upper
188 100
94 4.5 6.9 10.3#
80 4.5 7.7 11.5#

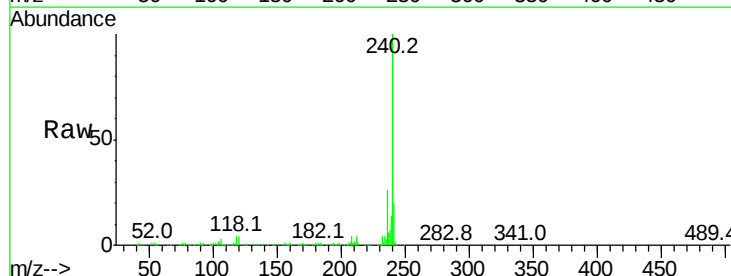


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

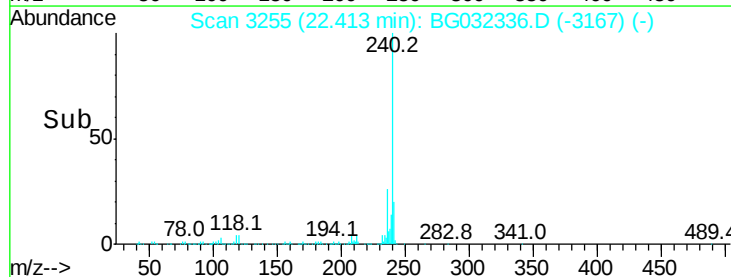
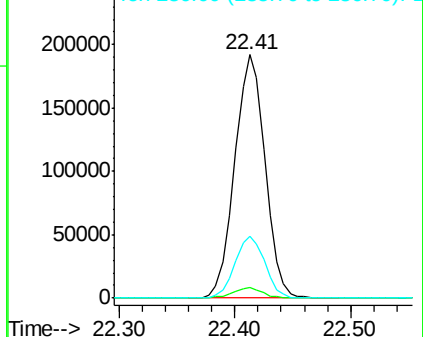


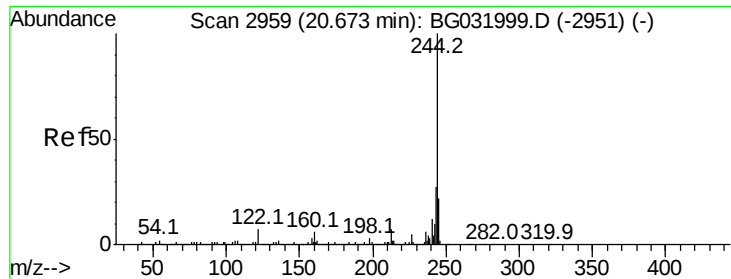
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032336.D
Acq: 26 Jan 2018 20:00

Tgt Ion:240 Resp: 349164
Ion Ratio Lower Upper
240 100
120 4.4 6.8 10.2#
236 25.5 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: 81.833 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032336.D

Acq: 26 Jan 2018 20:00

Instrument :

BNA_G

ClientSampleId :

EPE-108-4(75-77)

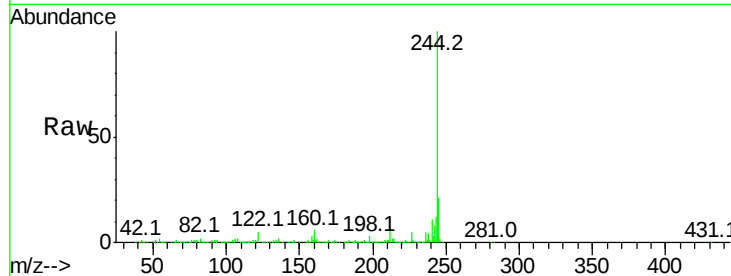
Tot Ion:244 Resp: 1294051

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

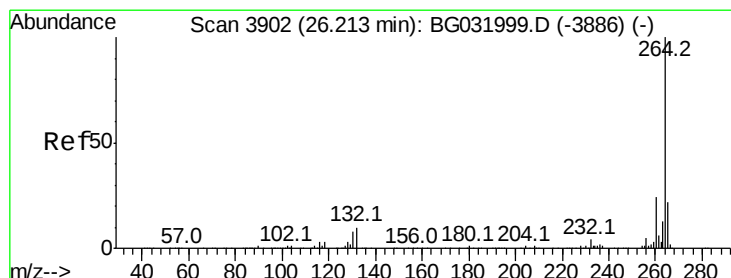
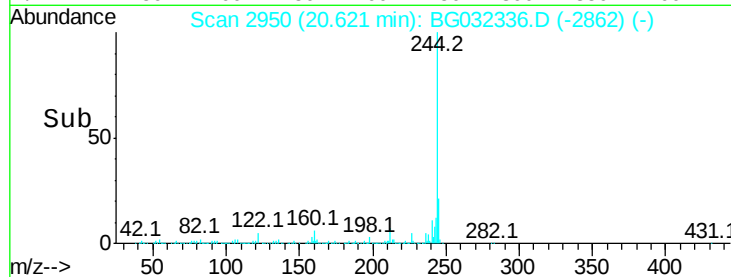
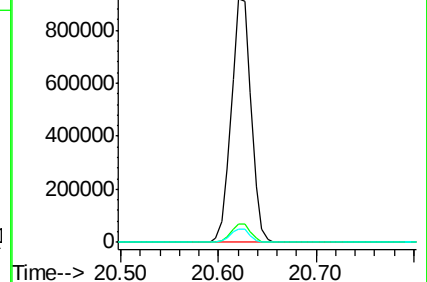
122 5.4 7.0 10.4#



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: 26.09 min Scan# 3881

Delta R.T. -0.02 min

Lab File: BG032336.D

Acq: 26 Jan 2018 20:00

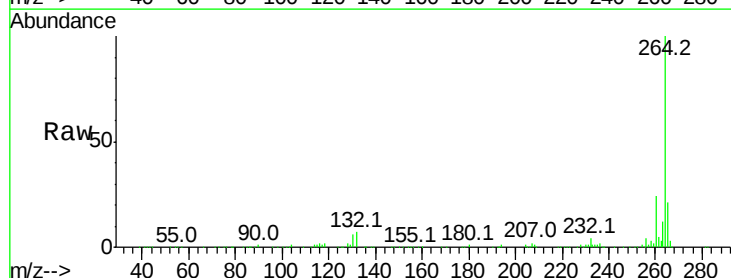
Tgt Ion:264 Resp: 366552

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 21.4 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

