

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
 Data File : BG032337.D
 Acq On : 26 Jan 2018 20:37
 Operator : SJ/JU
 Sample : J1288-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-108-4(80-82)

Quant Time: Jan 26 23:59:22 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

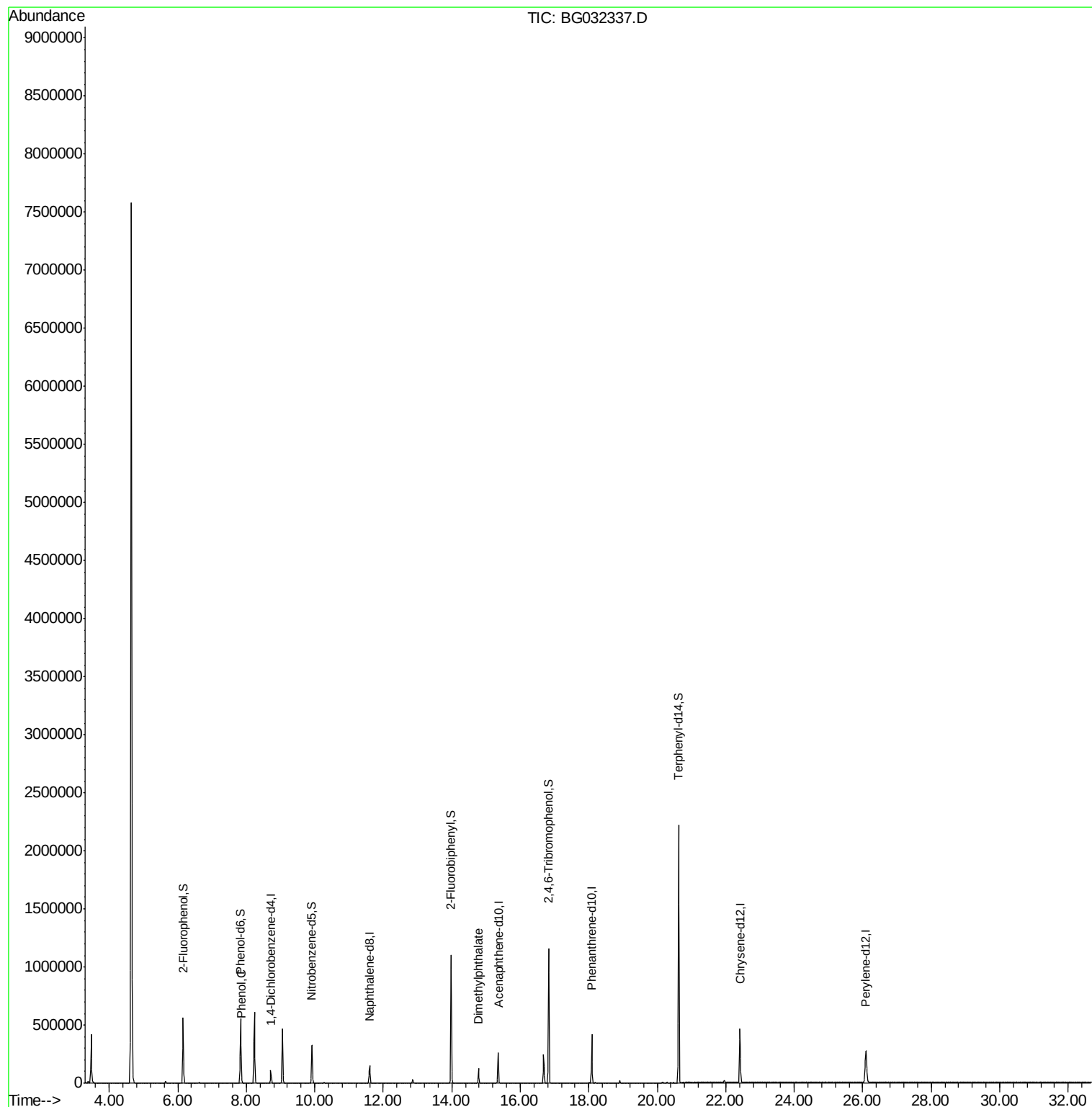
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	38303	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	148243	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	102482	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	280232	20.00	ng	0.00
75) Chrysene-d12	22.42	240	352443	20.00	ng	0.00
86) Perylene-d12	26.10	264	370761	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	271703	129.74	ng	0.00
7) Phenol-d6	7.84	99	329947	125.09	ng	0.00
23) Nitrobenzene-d5	9.92	82	206787	94.37	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	251548	148.33	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	644916	78.03	ng	0.00
78) Terphenyl-d14	20.63	244	1203128	75.38	ng	0.00
Target Compounds						
10) Phenol	7.86	94	14411	5.546	ng	82
49) Dimethylphthalate	14.78	163	92858	10.354	ng	# 96

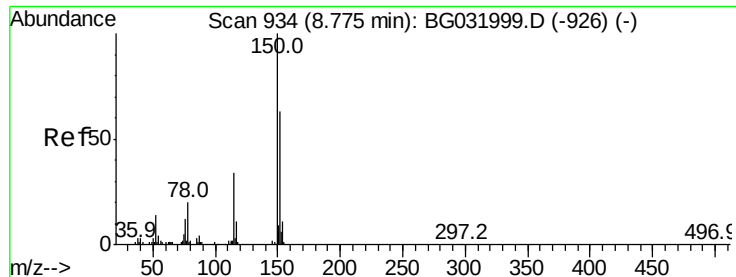
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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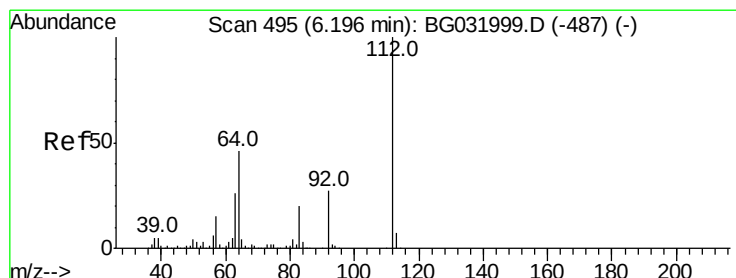
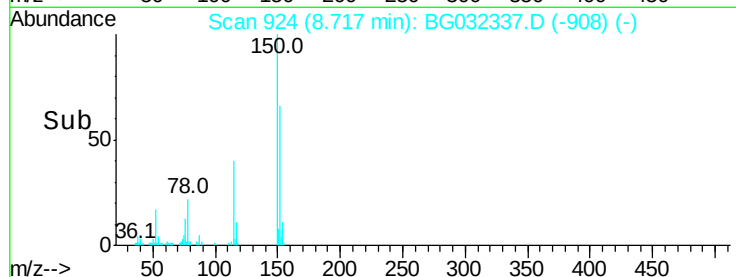
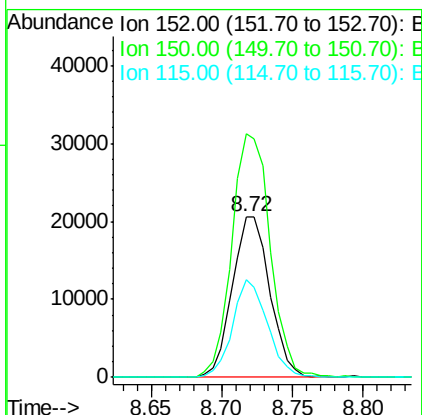
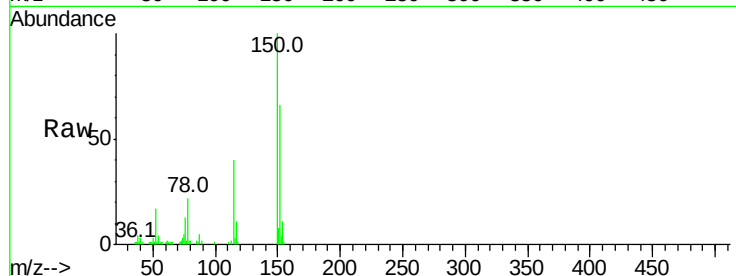


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Instrument :
BNA_G
ClientSampleId :
EPE-108-4(80-82)

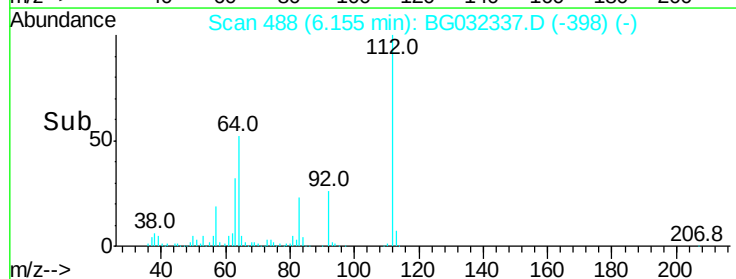
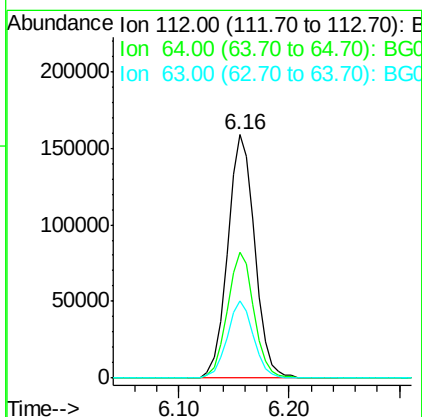
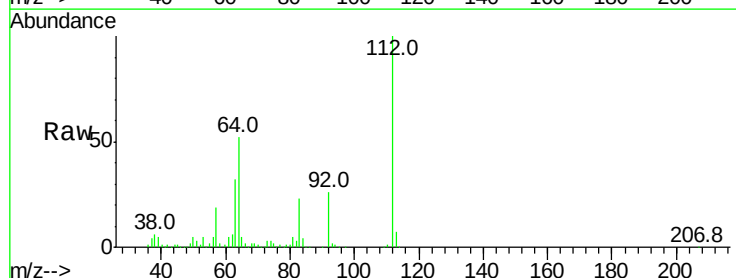
Tot Ion:152 Resp: 38303
Ion Ratio Lower Upper
152 100
150 151.2 126.6 189.8
115 60.8 53.0 79.4

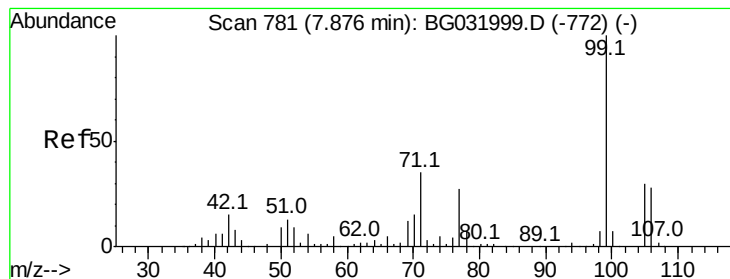


#5

2-Fluorophenol
Concen: 129.736 ng
RT: 6.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Tgt Ion:112 Resp: 271703
Ion Ratio Lower Upper
112 100
64 51.6 56.3 84.5#
63 31.8 30.1 45.1





#7

Phenol-d6

Concen: 125.093 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032337.D

Acq: 26 Jan 2018 20:37

Instrument :

BNA_G

ClientSampleId :

EPE-108-4(80-82)

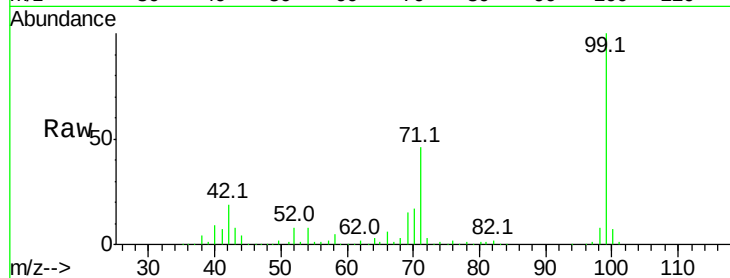
Tot Ion: 99 Resp: 329947

Ion Ratio Lower Upper

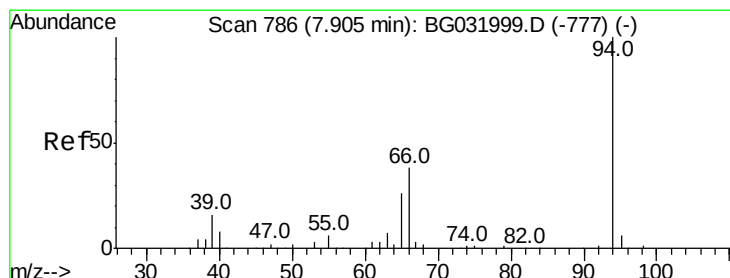
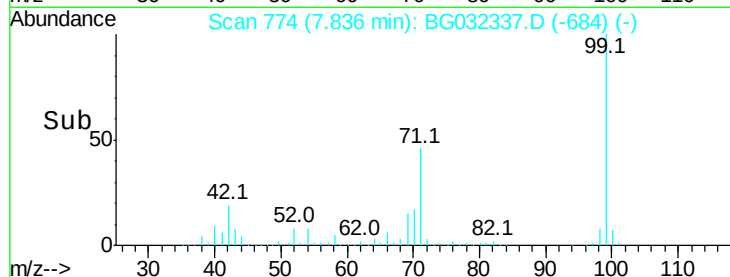
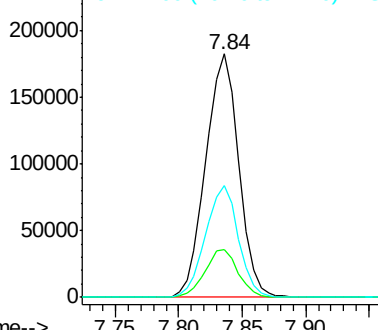
99 100

42 19.4 14.1 21.1

71 45.9 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: 5.546 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG032337.D

Acq: 26 Jan 2018 20:37

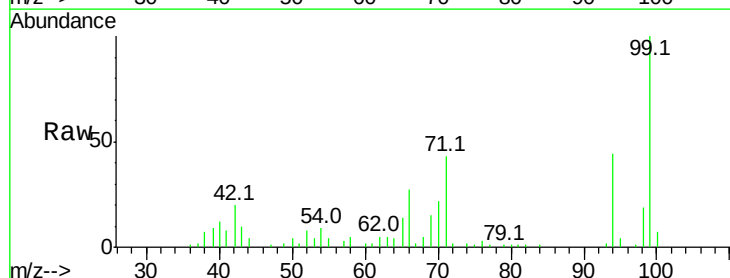
Tgt Ion: 94 Resp: 14411

Ion Ratio Lower Upper

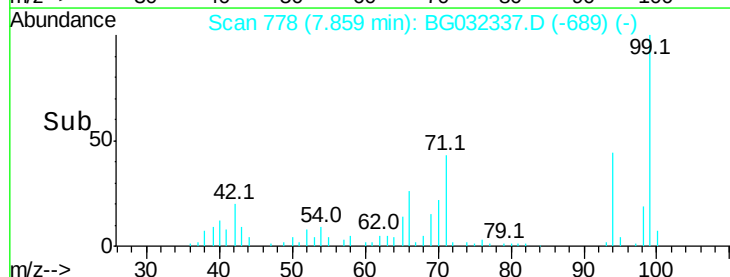
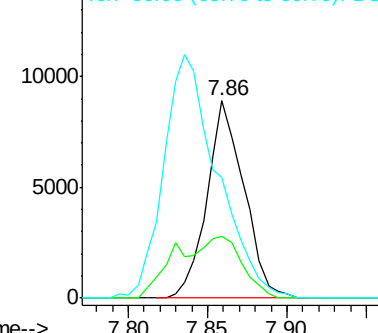
94 100

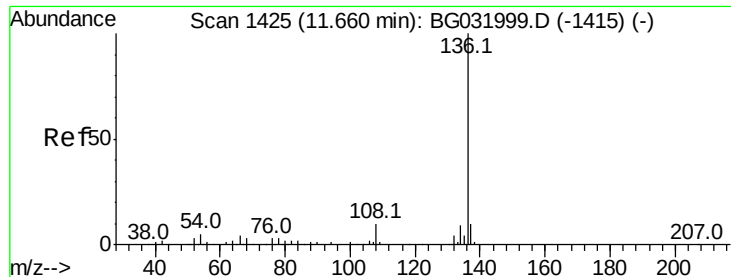
65 31.3 11.9 51.9

66 61.3 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

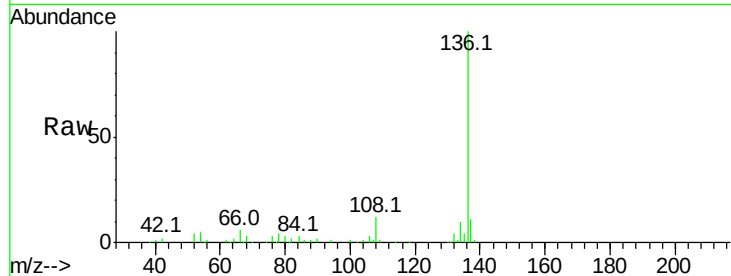




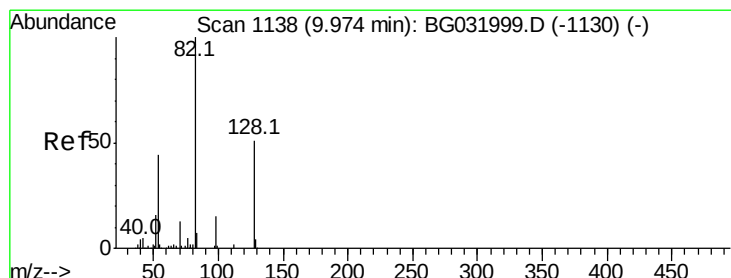
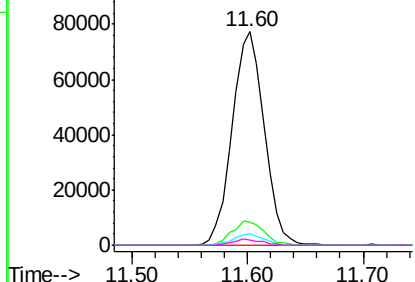
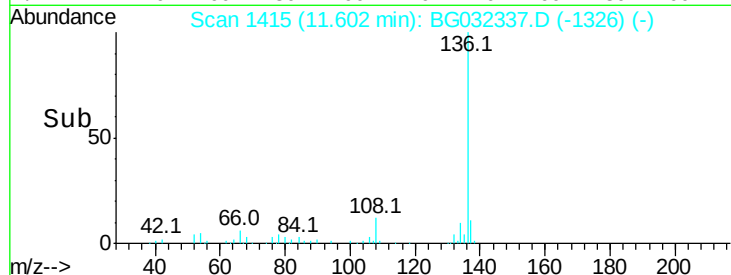
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Instrument :
BNA_G
ClientSampleId :
EPE-108-4(80-82)

Tot Ion:	136	Resp:	148243
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	5.5	10.3	15.5#
68	2.7	4.5	6.7#

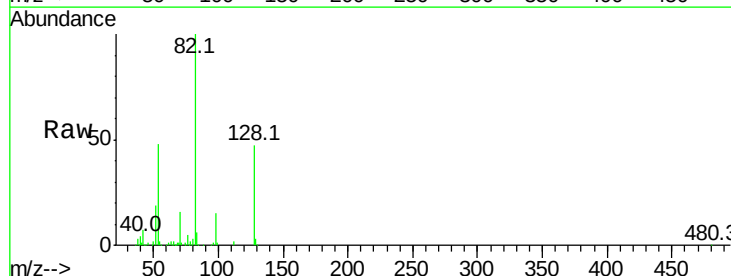


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

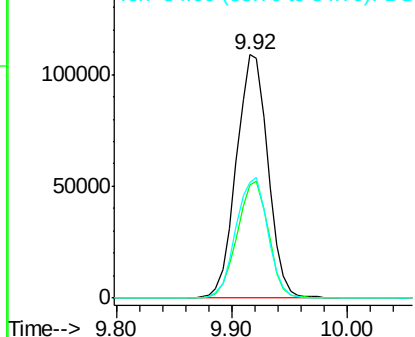
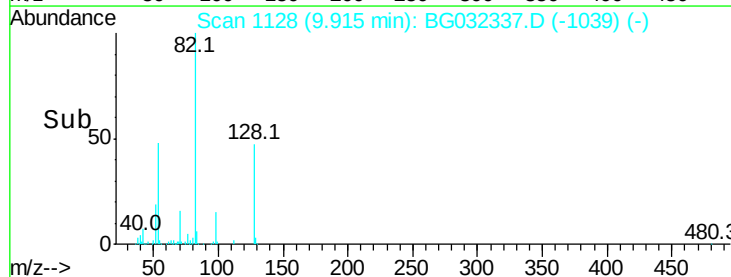


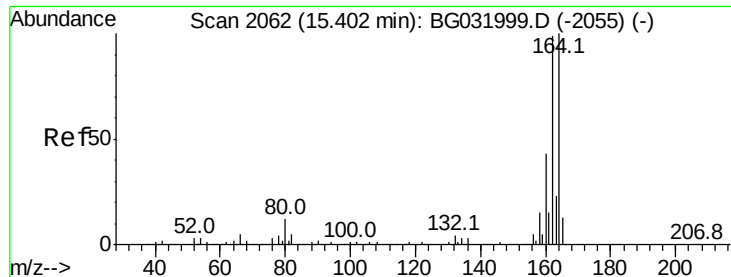
#23
Nitrobenzene-d5
Concen: 94.372 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Tgt Ion:	82	Resp:	206787
Ion	Ratio	Lower	Upper
82	100		
128	46.5	29.7	44.5#
54	47.7	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: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG032337.D

Acq: 26 Jan 2018 20:37

Instrument :

BNA_G

ClientSampleId :

EPE-108-4(80-82)

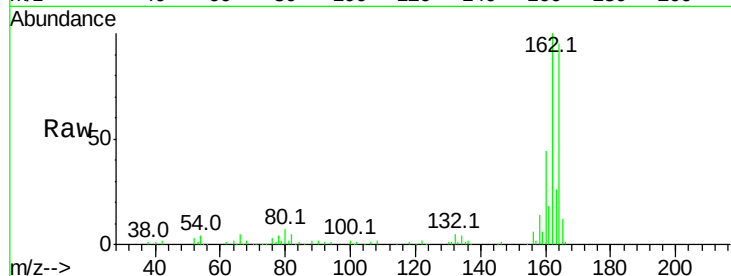
Tot Ion:164 Resp: 102482

Ion Ratio Lower Upper

164 100

162 105.5 78.8 118.2

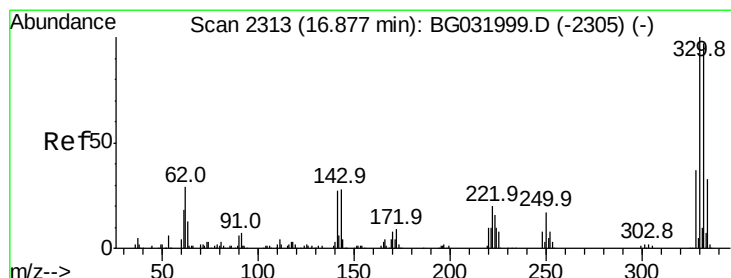
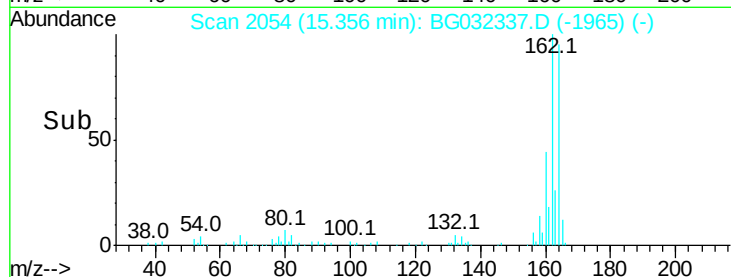
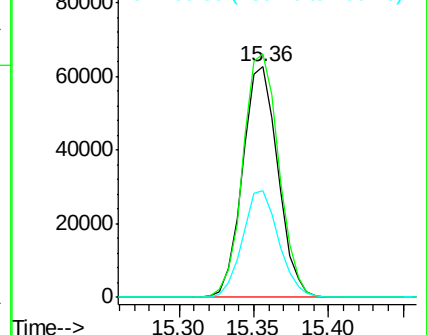
160 46.3 35.4 53.0



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: 148.333 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032337.D

Acq: 26 Jan 2018 20:37

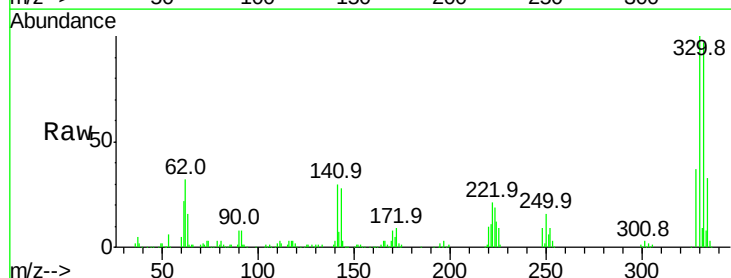
Tgt Ion:330 Resp: 251548

Ion Ratio Lower Upper

330 100

332 98.8 77.0 115.6

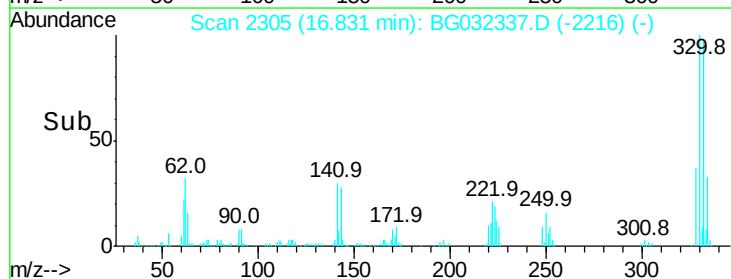
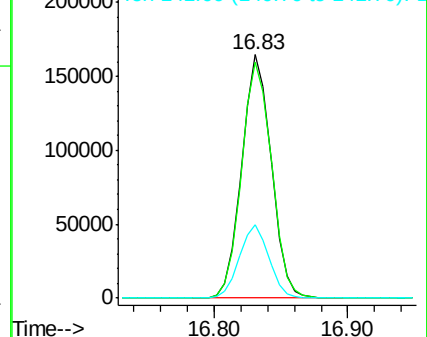
141 30.4 25.2 37.8

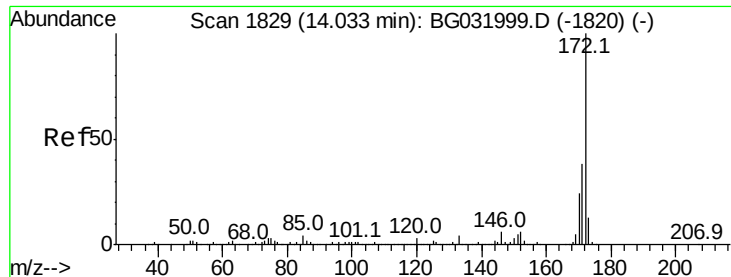


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

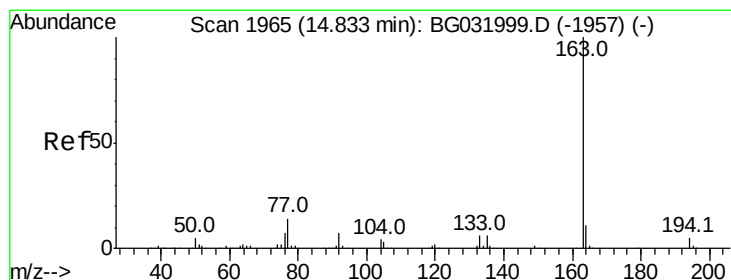
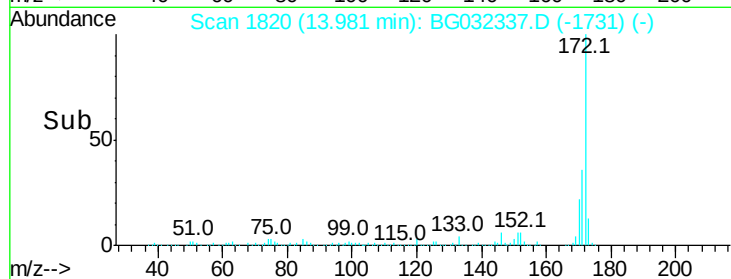
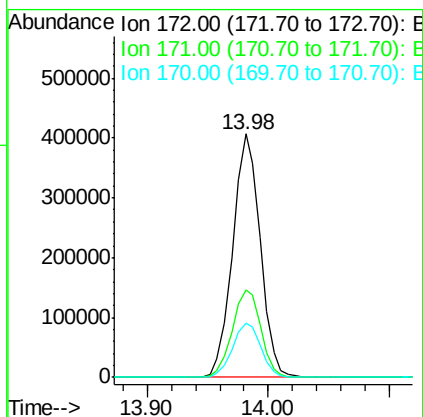
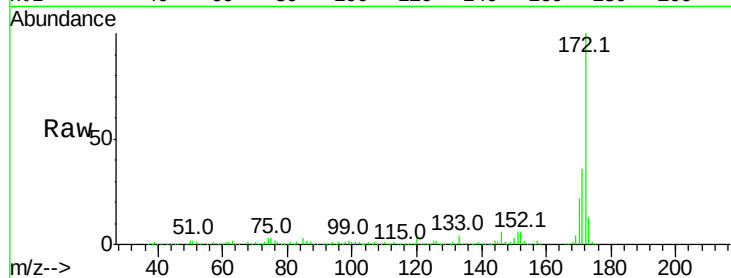




#44
2-Fluorobiphenyl
Concen: 78.030 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

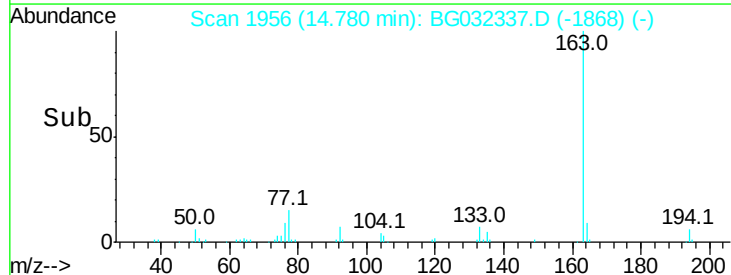
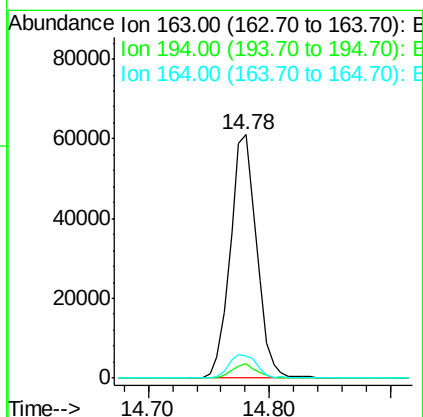
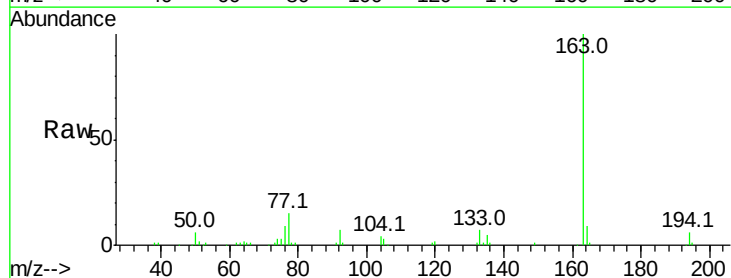
Instrument :
BNA_G
ClientSampleId :
EPE-108-4(80-82)

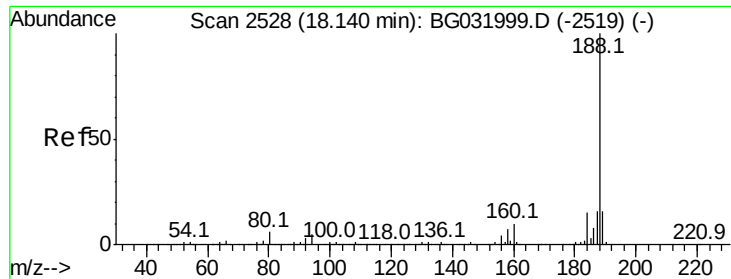
Tot Ion:172 Resp: 644916
Ion Ratio Lower Upper
172 100
171 36.1 30.0 45.0
170 22.4 19.5 29.3



#49
Dimethylphthalate
Concen: 10.354 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Tgt Ion:163 Resp: 92858
Ion Ratio Lower Upper
163 100
194 6.2 3.4 5.2#
164 9.2 8.2 12.4

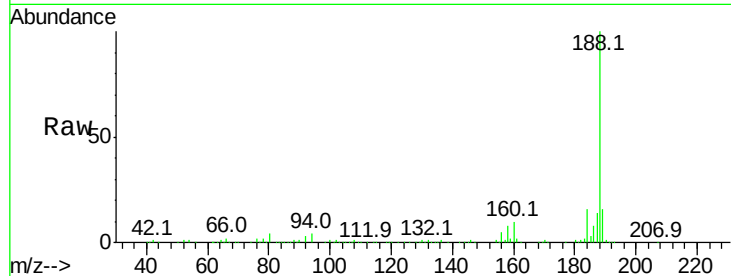




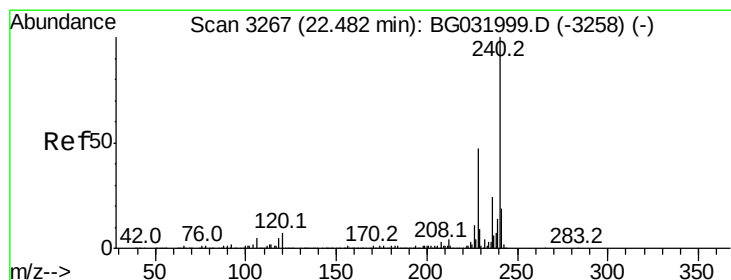
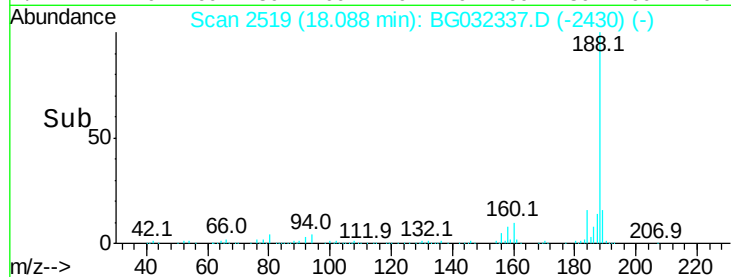
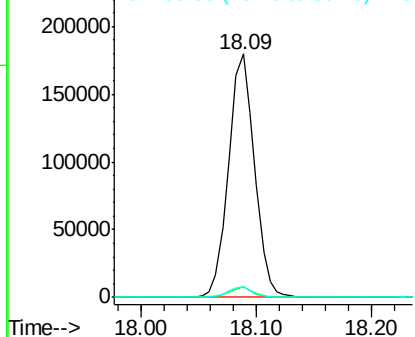
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Instrument :
BNA_G
ClientSampleId :
EPE-108-4(80-82)

Tot Ion:188 Resp: 280232
Ion Ratio Lower Upper
188 100
94 4.2 6.9 10.3#
80 4.3 7.7 11.5#

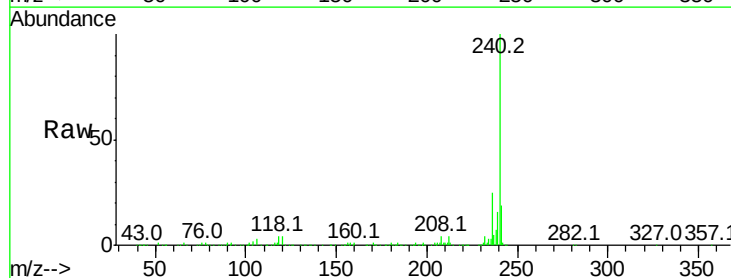


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

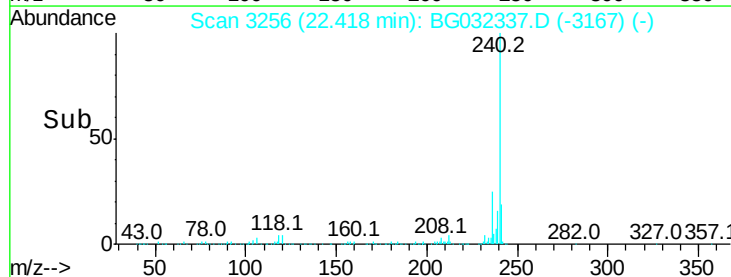
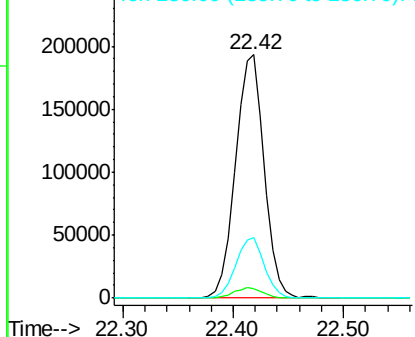


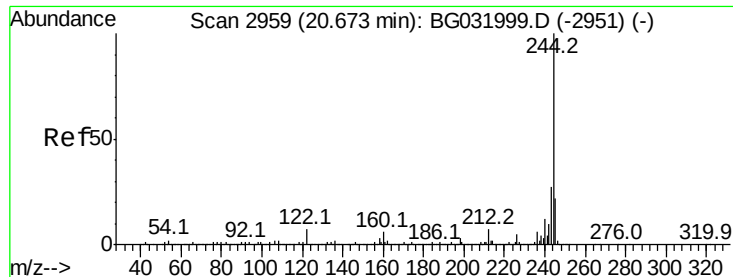
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Tgt Ion:240 Resp: 352443
Ion Ratio Lower Upper
240 100
120 3.9 6.8 10.2#
236 24.7 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: 75.376 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032337.D

Acq: 26 Jan 2018 20:37

Instrument :

BNA_G

ClientSampleId :

EPE-108-4(80-82)

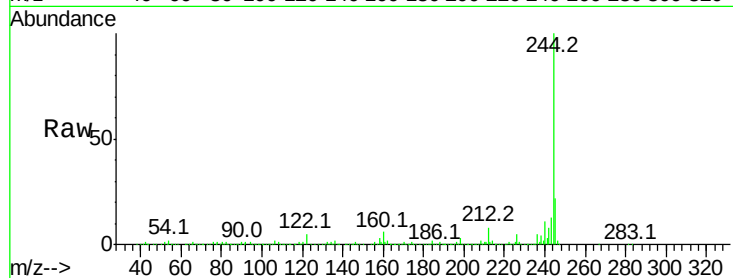
Tot Ion:244 Resp: 1203128

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

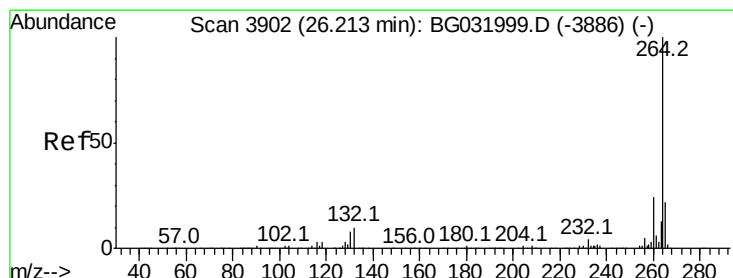
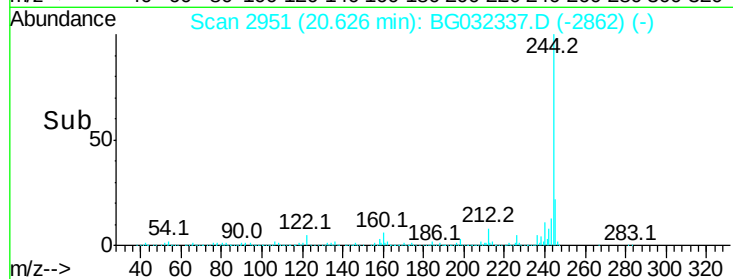
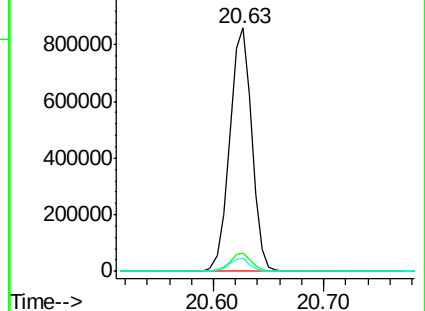
122 5.2 7.0 10.4#



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: 26.10 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BG032337.D

Acq: 26 Jan 2018 20:37

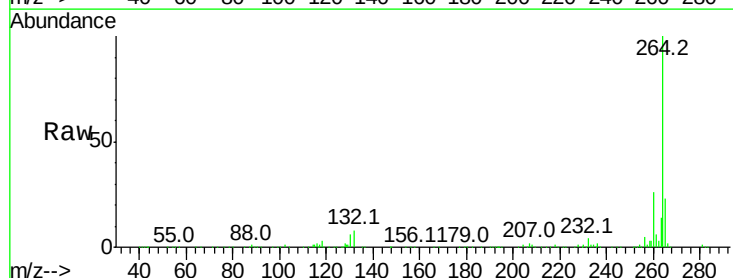
Tgt Ion:264 Resp: 370761

Ion Ratio Lower Upper

264 100

260 25.8 17.4 26.0

265 22.7 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

