

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
 Data File : BG032342.D
 Acq On : 26 Jan 2018 23:45
 Operator : SJ/JU
 Sample : J1288-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-121-2(25-27)

Quant Time: Jan 27 00:46:51 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

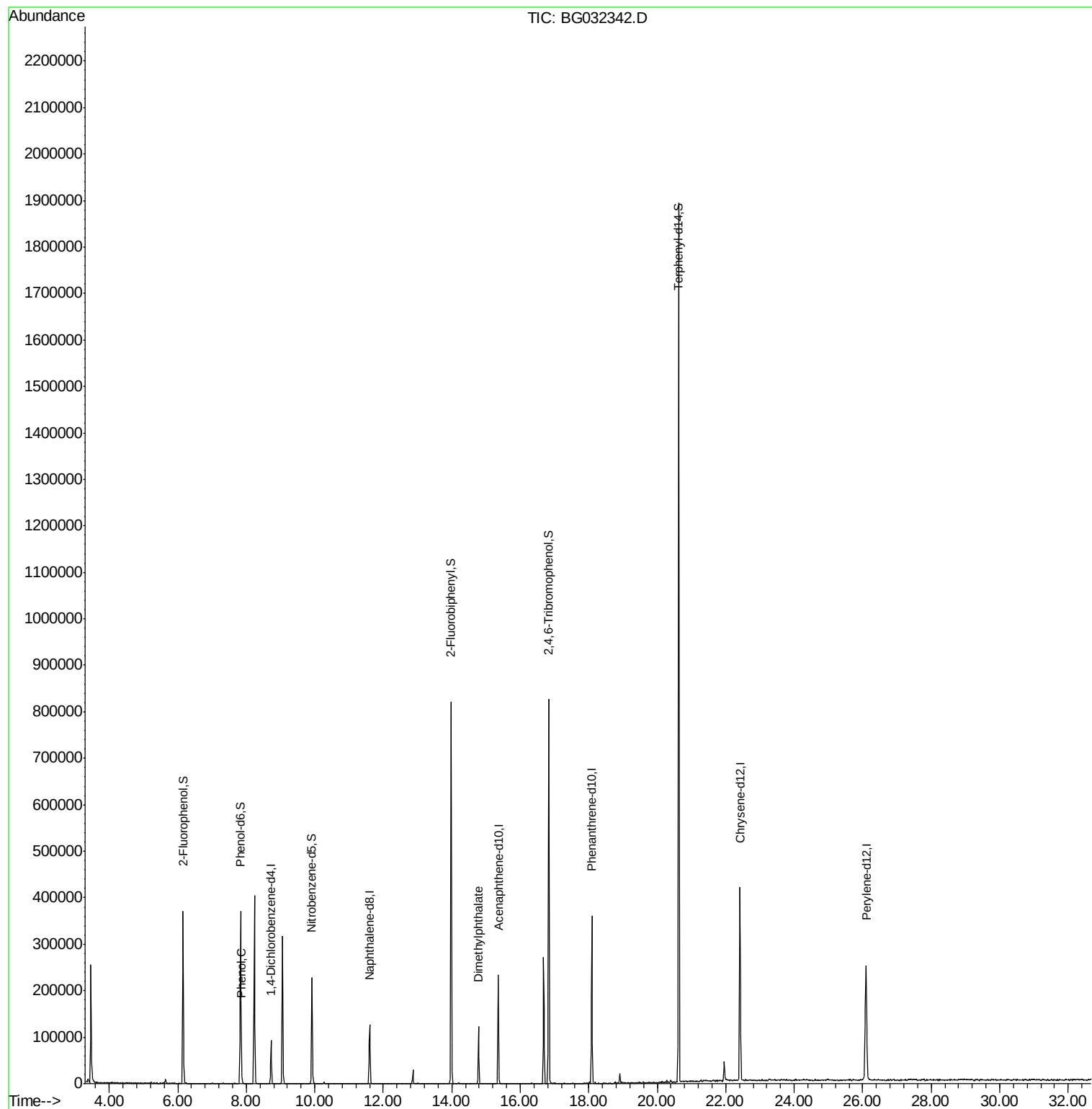
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	30189	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	121951	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	85216	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	238760	20.00	ng	0.00
75) Chrysene-d12	22.41	240	318137	20.00	ng	-0.01
86) Perylene-d12	26.10	264	340228	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	179609	108.81	ng	0.00
7) Phenol-d6	7.83	99	223035	107.29	ng	0.00
23) Nitrobenzene-d5	9.91	82	140569	77.98	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	184674	130.96	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	481145	70.01	ng	0.00
78) Terphenyl-d14	20.63	244	980278	68.04	ng	0.00
Target Compounds						
10) Phenol	7.86	94	7606	3.714	ng	83
49) Dimethylphthalate	14.78	163	91430	12.261	ng	# 99

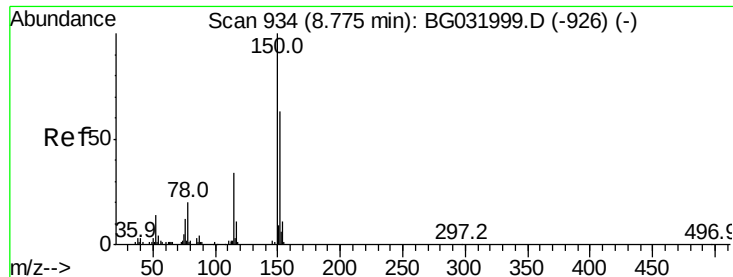
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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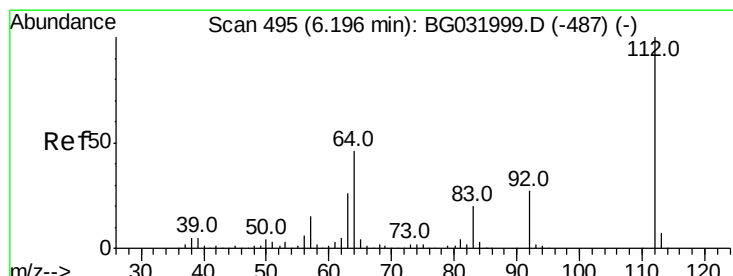
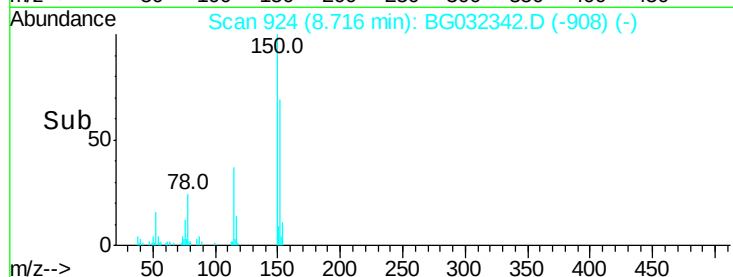
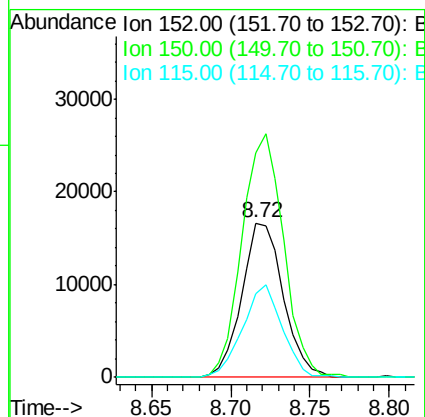
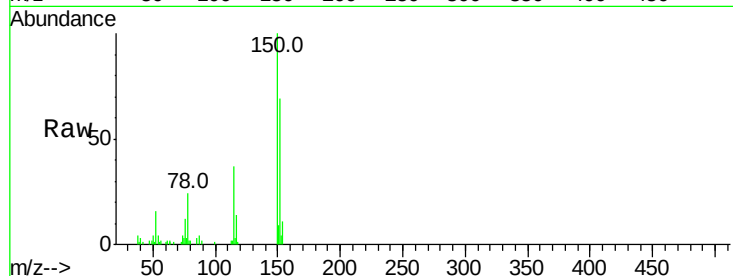


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG032342.D
Acq: 26 Jan 2018 23:45

Instrument :
BNA_G
ClientSampleId :
EPE-121-2(25-27)

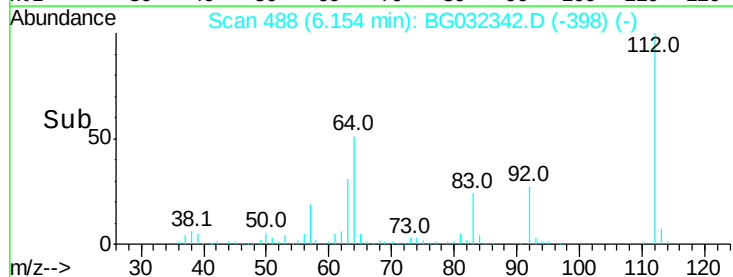
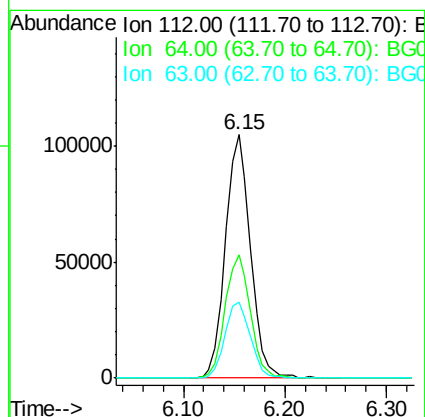
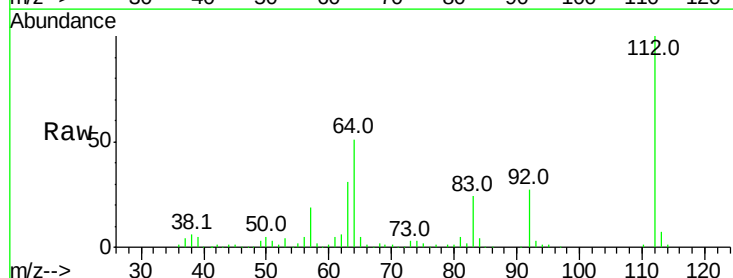
Tot Ion:152 Resp: 30189
Ion Ratio Lower Upper
152 100
150 145.9 126.6 189.8
115 54.0 53.0 79.4

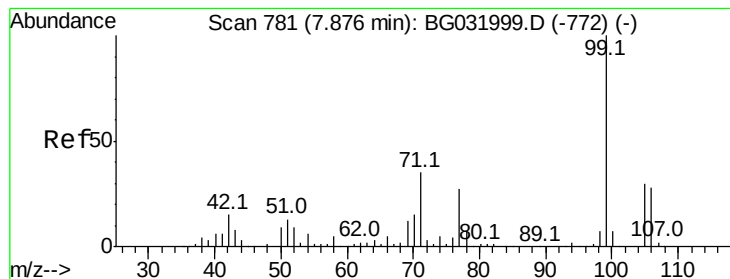


#5

2-Fluorophenol
Concen: 108.812 ng
RT: 6.15 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032342.D
Acq: 26 Jan 2018 23:45

Tgt Ion:112 Resp: 179609
Ion Ratio Lower Upper
112 100
64 50.8 56.3 84.5#
63 31.4 30.1 45.1





#7

Phenol-d6

Concen: 107.287 ng

RT: 7.83 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032342.D

Acq: 26 Jan 2018 23:45

Instrument :

BNA_G

ClientSampleId :

EPE-121-2(25-27)

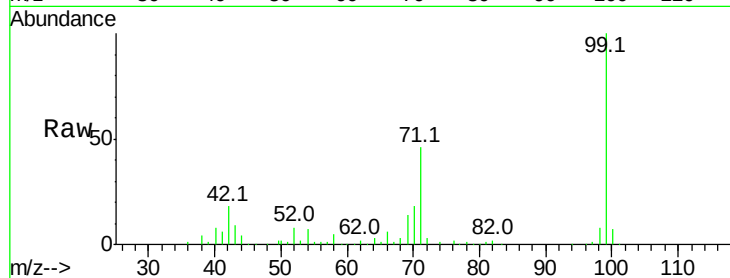
Tot Ion: 99 Resp: 223035

Ion Ratio Lower Upper

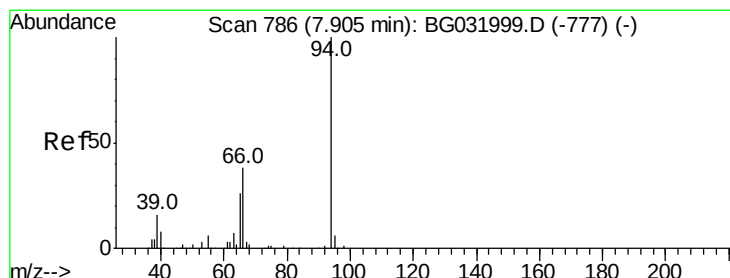
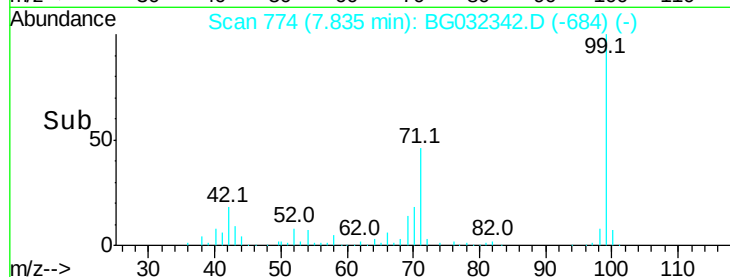
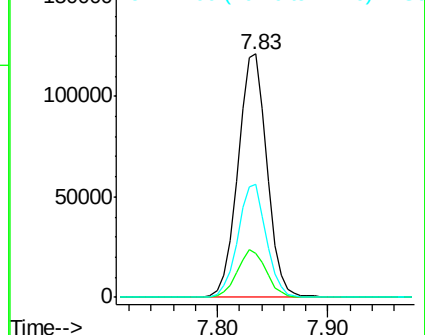
99 100

42 18.3 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: 3.714 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG032342.D

Acq: 26 Jan 2018 23:45

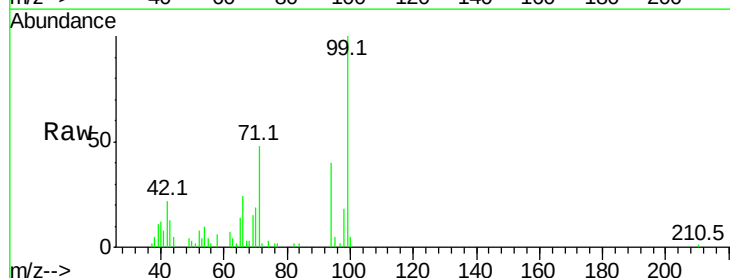
Tgt Ion: 94 Resp: 7606

Ion Ratio Lower Upper

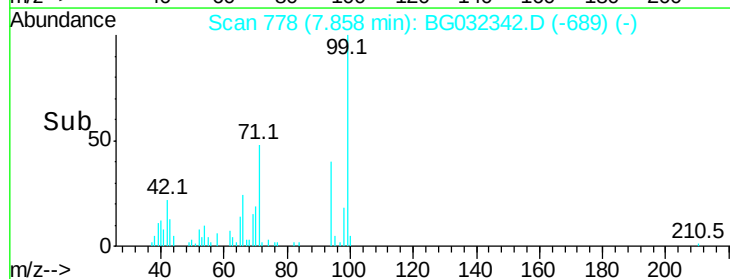
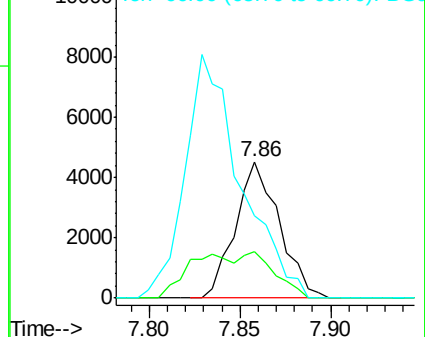
94 100

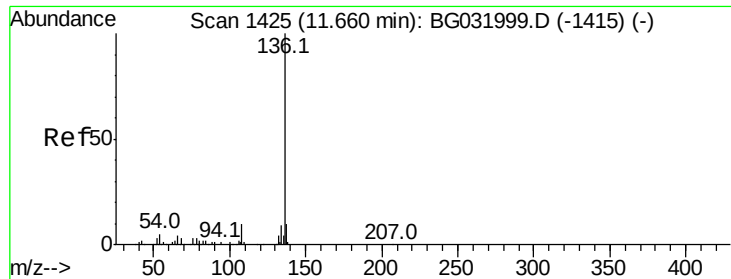
65 33.6 11.9 51.9

66 60.2 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

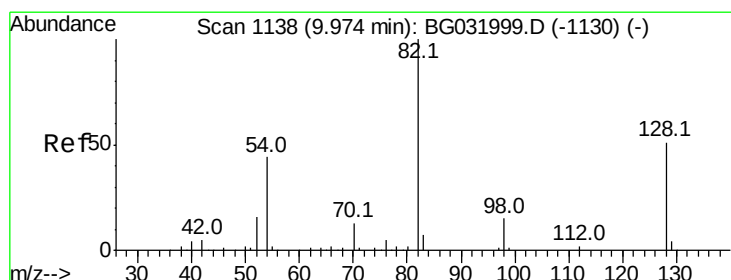
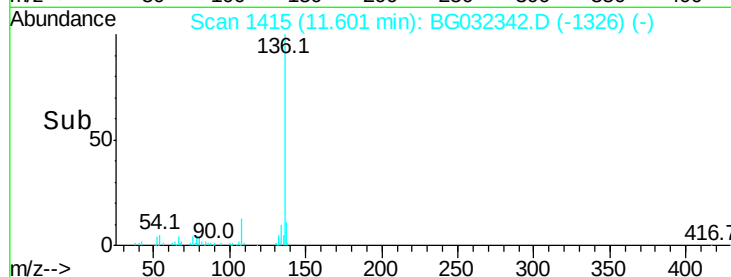
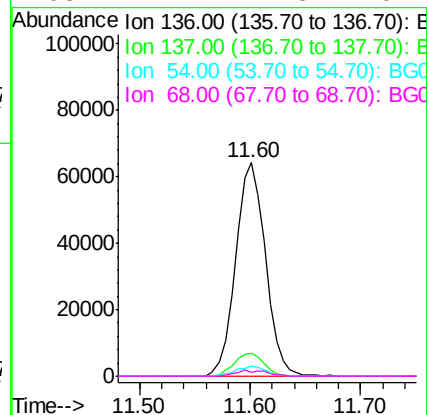
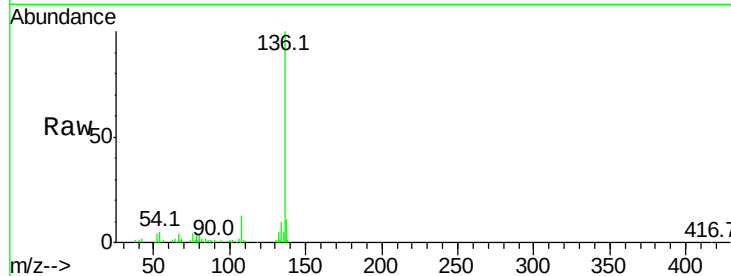




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032342.D
Acq: 26 Jan 2018 23:45

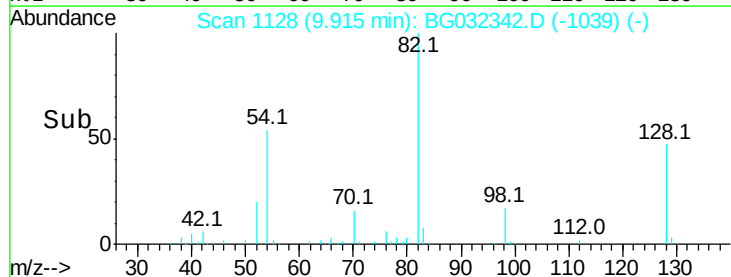
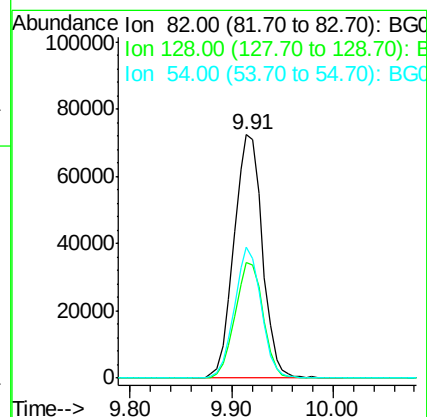
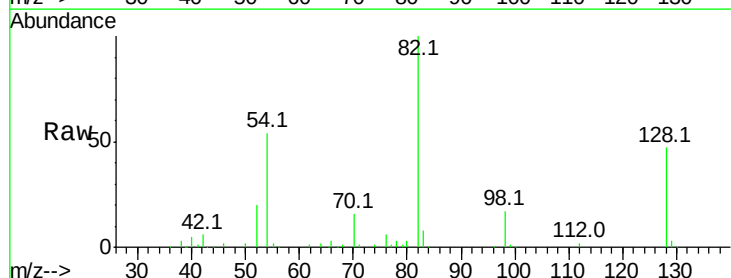
Instrument :
BNA_G
ClientSampleId :
EPE-121-2(25-27)

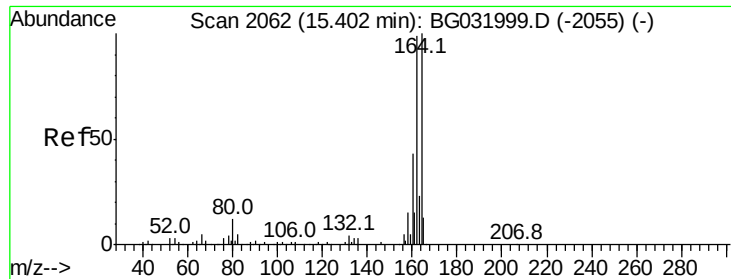
Tot Ion:136	Resp:	121951
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.2 13.8
54	4.5	10.3 15.5#
68	2.1	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 77.983 ng
RT: 9.91 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG032342.D
Acq: 26 Jan 2018 23:45

Tgt Ion: 82	Resp:	140569
Ion	Ratio	Lower Upper
82	100	
128	47.4	29.7 44.5#
54	53.7	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: BG032342.D

Acq: 26 Jan 2018 23:45

Instrument :

BNA_G

ClientSampleId :

EPE-121-2(25-27)

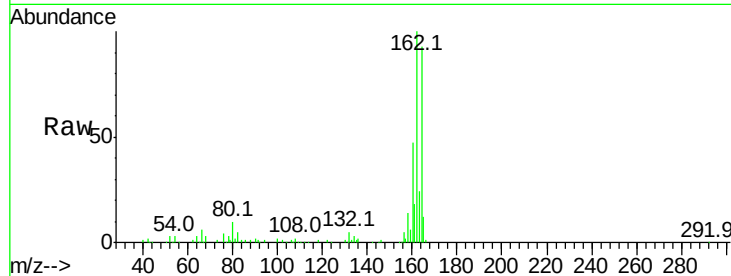
Tot Ion:164 Resp: 85216

Ion Ratio Lower Upper

164 100

162 107.8 78.8 118.2

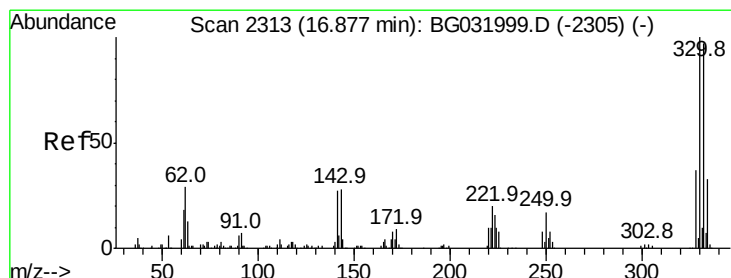
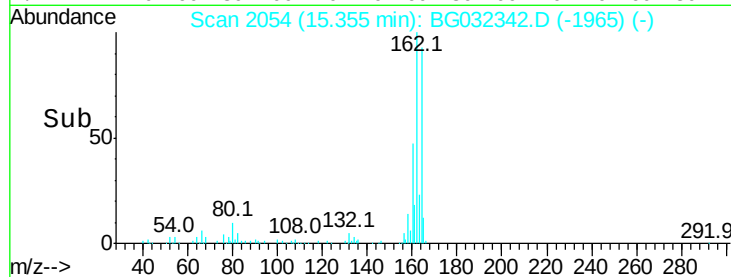
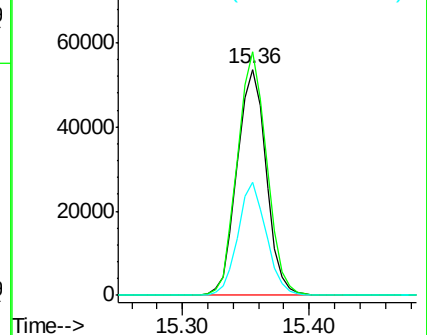
160 50.2 35.4 53.0



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: 130.963 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032342.D

Acq: 26 Jan 2018 23:45

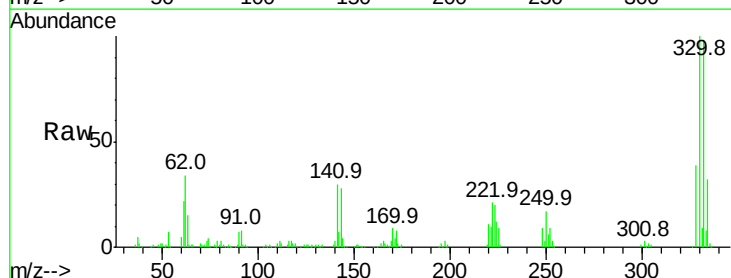
Tgt Ion:330 Resp: 184674

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

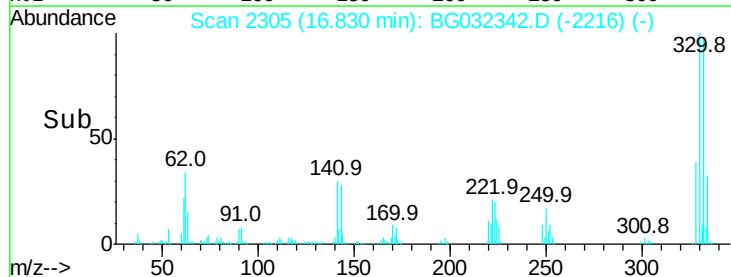
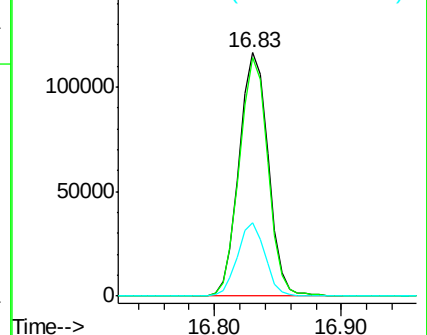
141 28.6 25.2 37.8

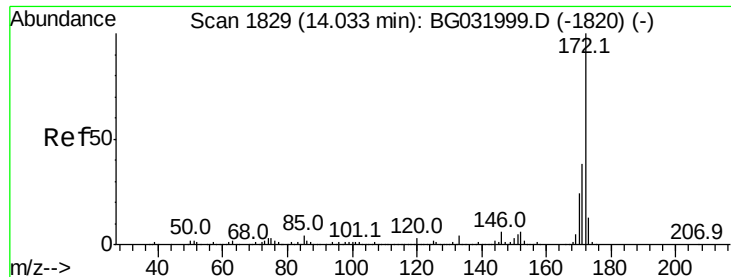


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

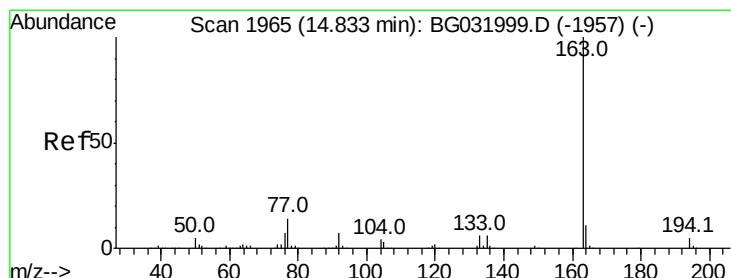
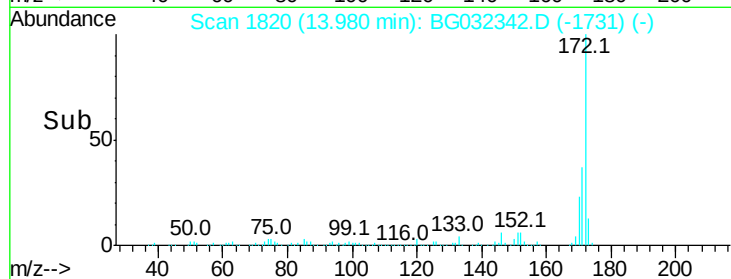
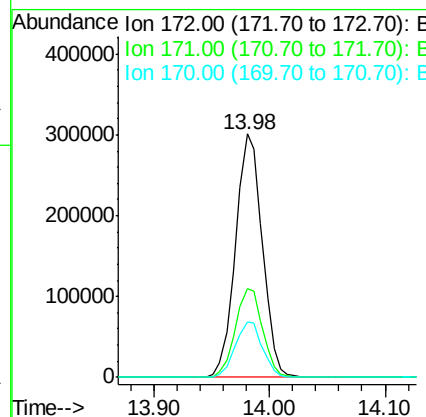
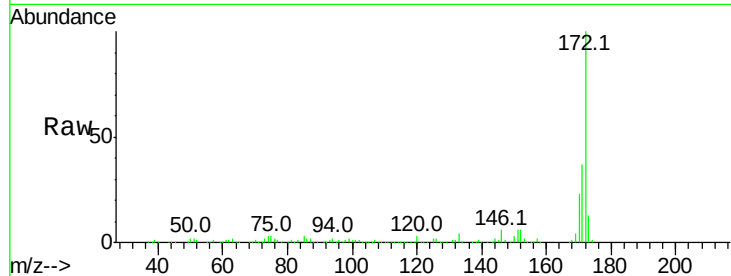




#44
2-Fluorobiphenyl
Concen: 70.010 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG032342.D
Acq: 26 Jan 2018 23:45

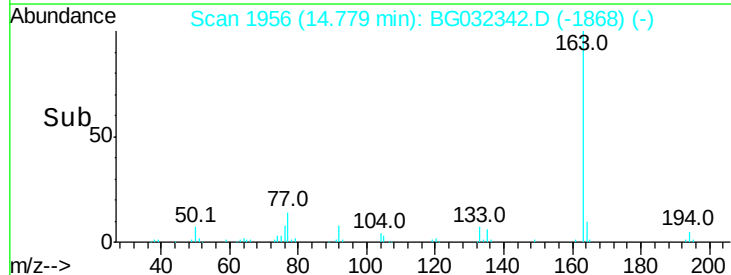
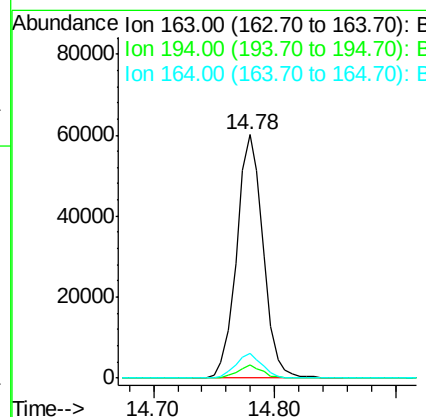
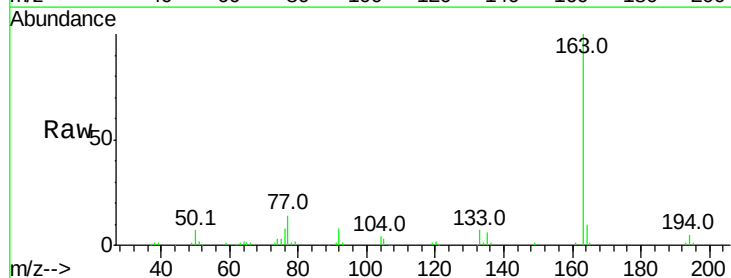
Instrument :
BNA_G
ClientSampleId :
EPE-121-2(25-27)

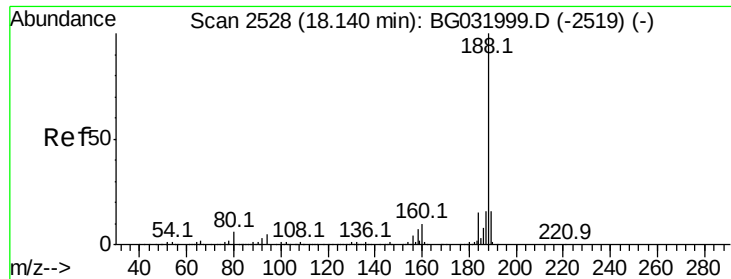
Tot Ion:172 Resp: 481145
Ion Ratio Lower Upper
172 100
171 36.6 30.0 45.0
170 22.7 19.5 29.3



#49
Dimethylphthalate
Concen: 12.261 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG032342.D
Acq: 26 Jan 2018 23:45

Tgt Ion:163 Resp: 91430
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2#
164 10.0 8.2 12.4

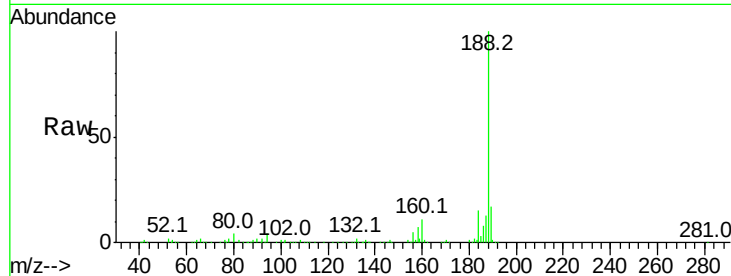




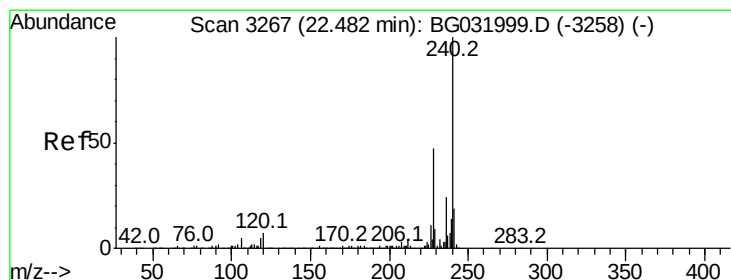
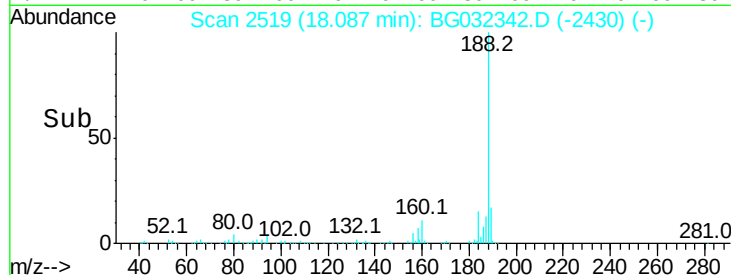
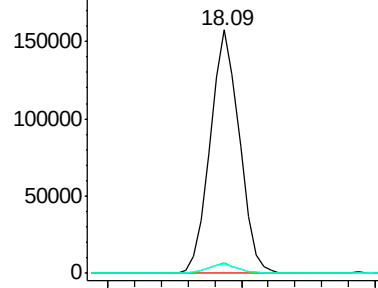
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032342.D
Acq: 26 Jan 2018 23:45

Instrument :
BNA_G
ClientSampleId :
EPE-121-2(25-27)

Tot Ion:188 Resp: 238760
Ion Ratio Lower Upper
188 100
94 4.5 6.9 10.3#
80 4.1 7.7 11.5#

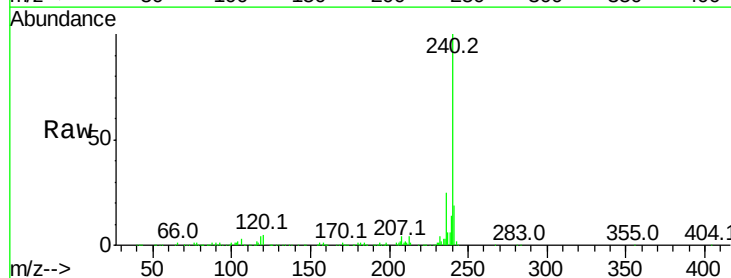


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

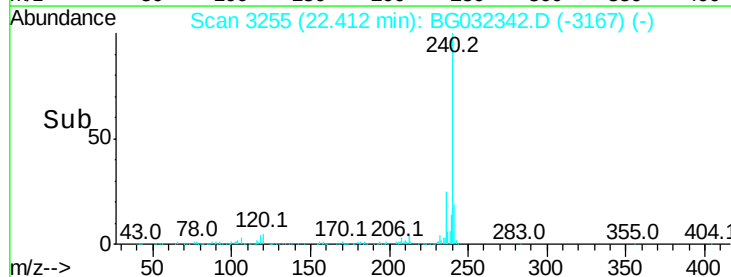
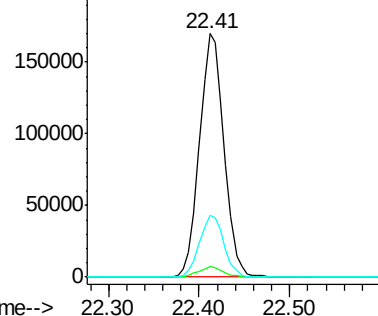


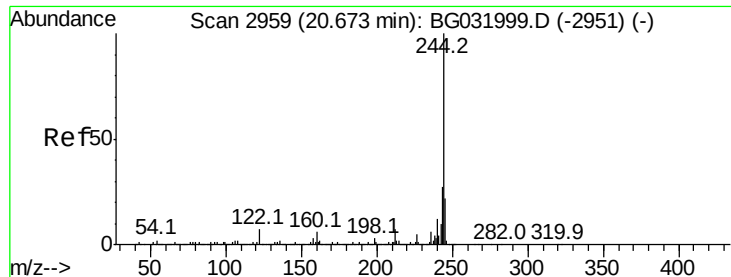
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032342.D
Acq: 26 Jan 2018 23:45

Tgt Ion:240 Resp: 318137
Ion Ratio Lower Upper
240 100
120 4.5 6.8 10.2#
236 25.2 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: 68.037 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032342.D

Acq: 26 Jan 2018 23:45

Instrument :

BNA_G

ClientSampleId :

EPE-121-2(25-27)

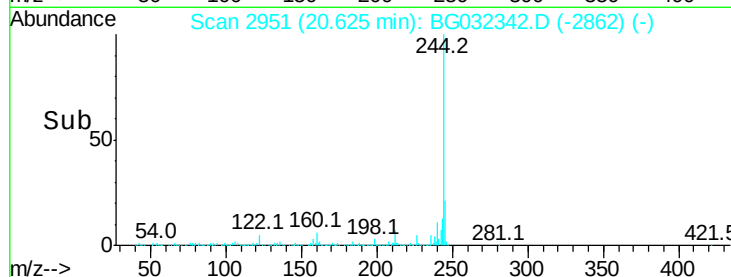
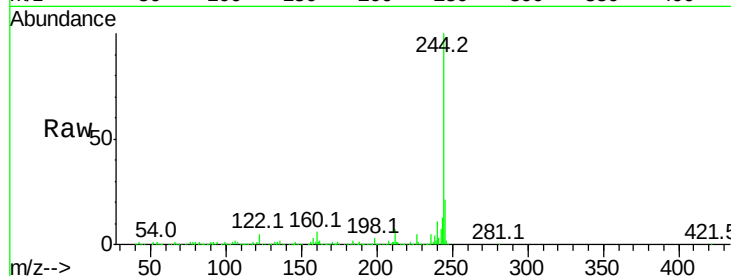
Tot Ion:244 Resp: 980278

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

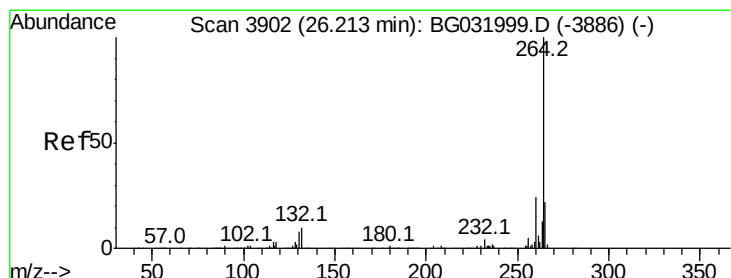
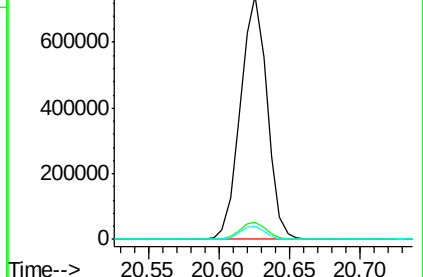
122 5.2 7.0 10.4#



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: BG032342.D

Acq: 26 Jan 2018 23:45

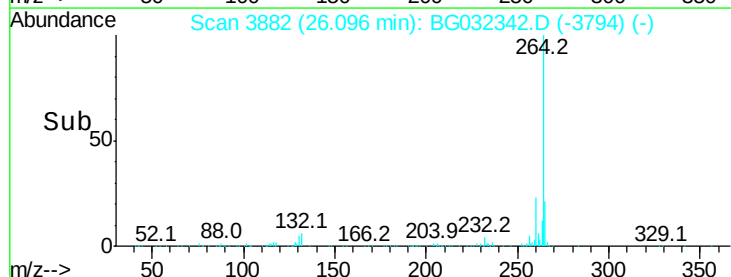
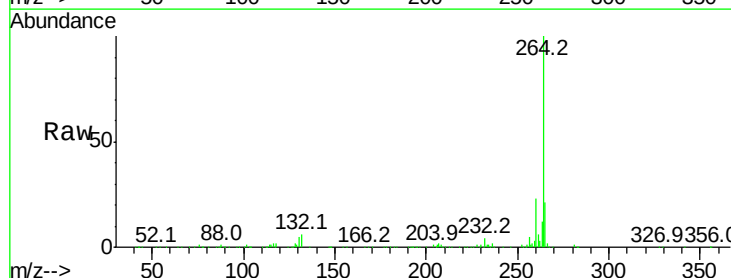
Tgt Ion:264 Resp: 340228

Ion Ratio Lower Upper

264 100

260 23.3 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

