

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035884.D
 Acq On : 25 Jul 2018 21:44
 Operator : JU/SJ
 Sample : J4140-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(105-107)

Quant Time: Jul 26 02:32:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

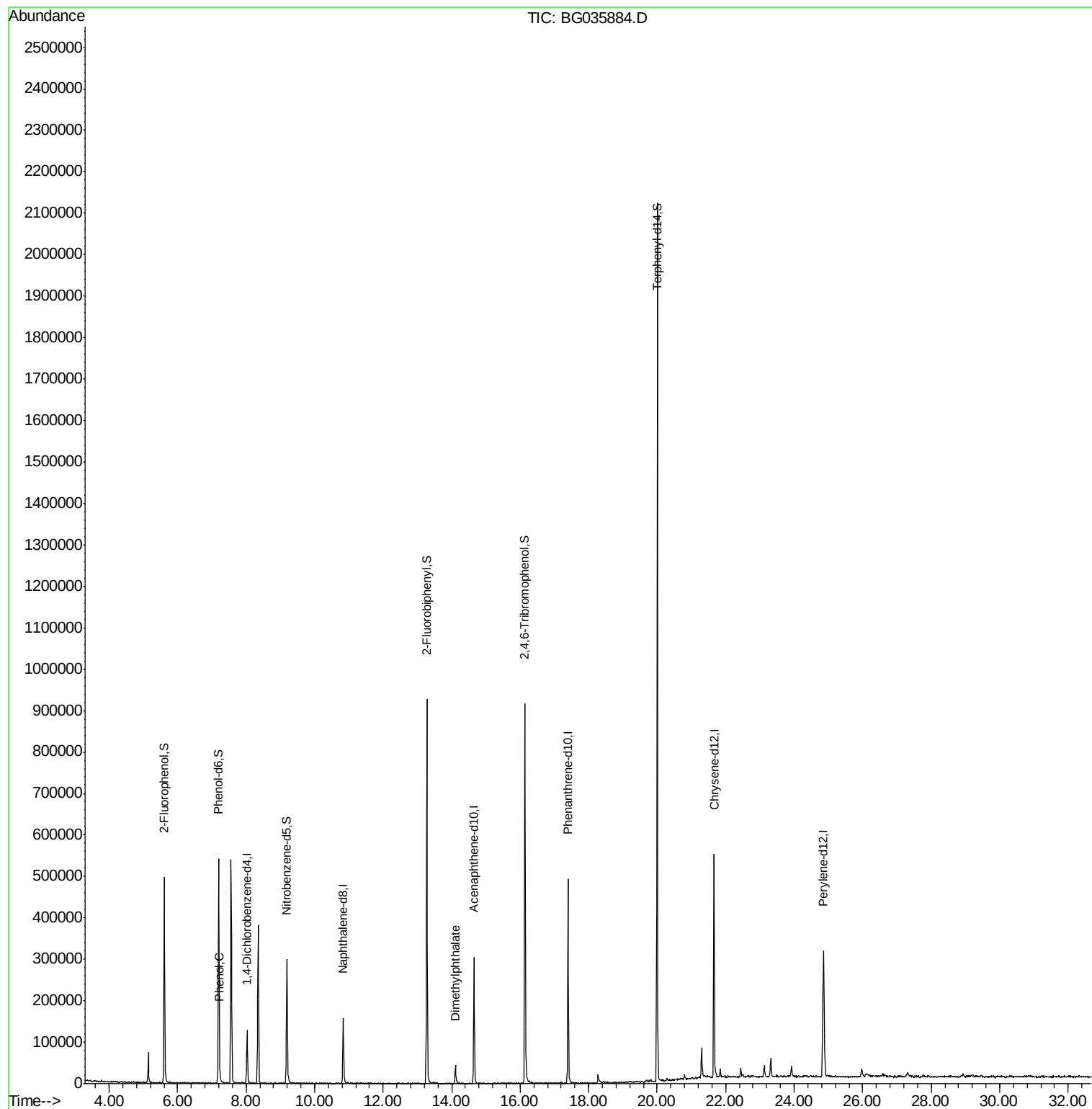
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	36733	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	145993	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	116628	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	335571	20.00	ng	0.00
75) Chrysene-d12	21.66	240	347108	20.00	ng	0.00
86) Perylene-d12	24.85	264	338011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	230762	104.30	ng	0.00
7) Phenol-d6	7.20	99	347410	105.24	ng	0.00
23) Nitrobenzene-d5	9.19	82	217221	62.16	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	180470	117.40	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	545002	62.61	ng	0.00
78) Terphenyl-d14	20.00	244	1014665	64.44	ng	0.00
Target Compounds						
10) Phenol	7.22	94	14578	4.371	ng	92
49) Dimethylphthalate	14.11	163	44746	4.379	ng	# 93

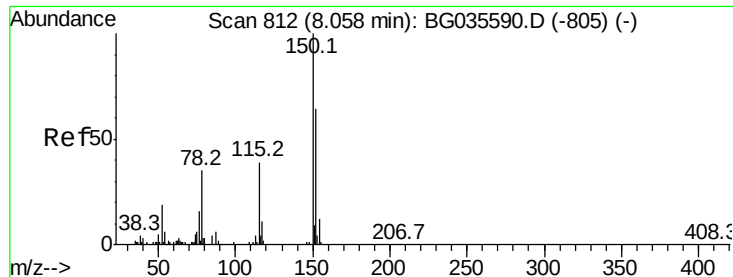
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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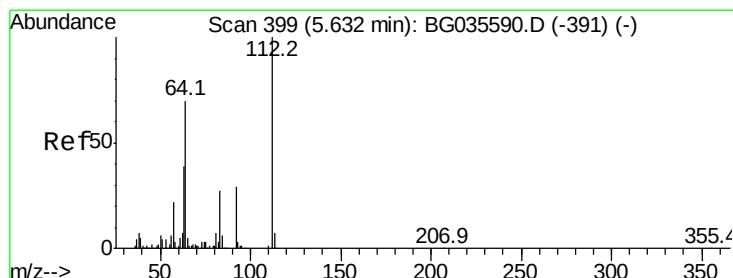
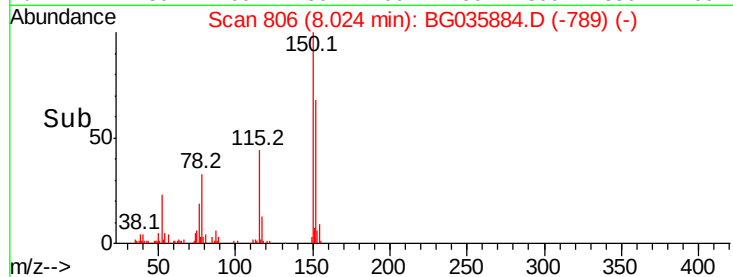
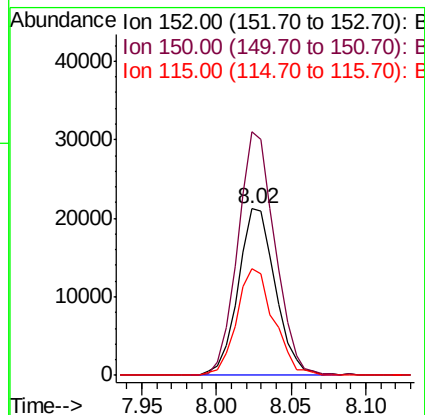
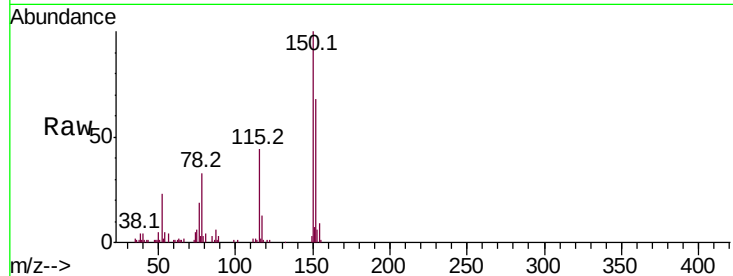


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035884.D
Acq: 25 Jul 2018 21:44

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(105-107)

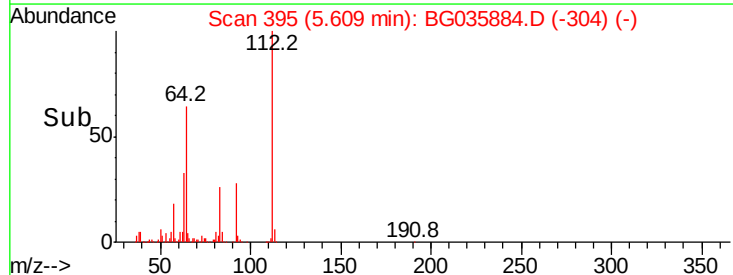
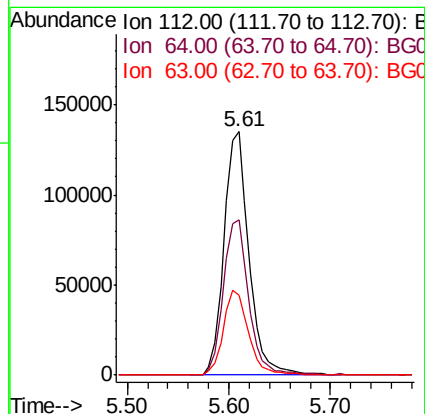
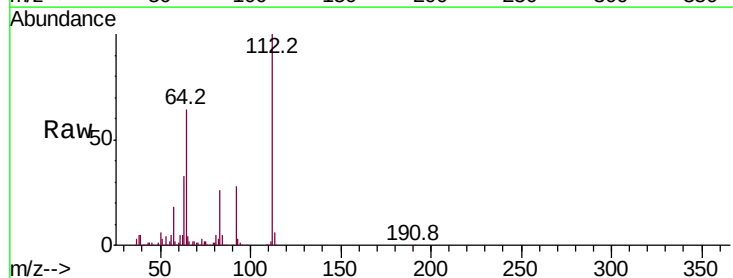
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.1	126.6	189.8
115	63.7	53.0	79.4

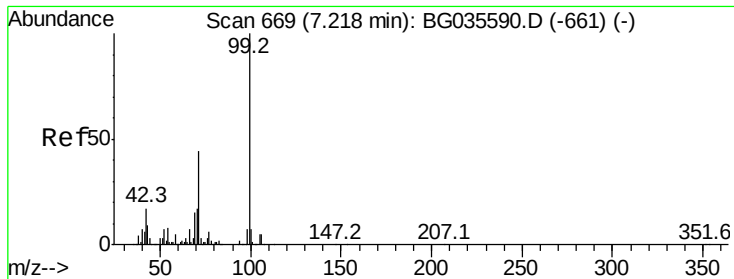


#5

2-Fluorophenol
Concen: 104.298 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.01 min
Lab File: BG035884.D
Acq: 25 Jul 2018 21:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	56.3	84.5
63	32.8	30.1	45.1





#7

Phenol-d6

Concen: 105.242 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035884.D

Acq: 25 Jul 2018 21:44

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(105-107)

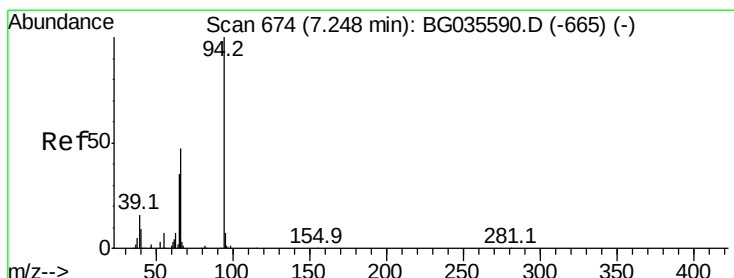
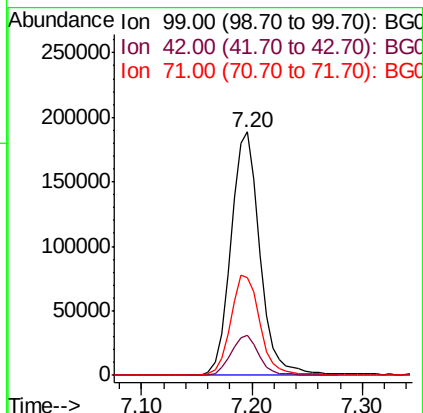
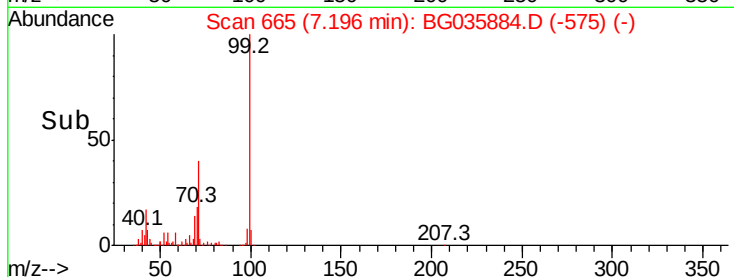
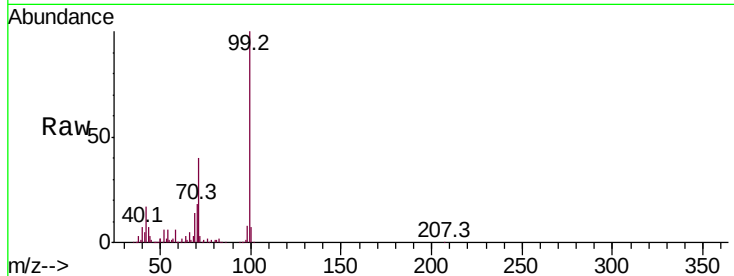
Tot Ion: 99 Resp: 347410

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

71 39.9 26.1 39.1#



#10

Phenol

Concen: 4.371 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035884.D

Acq: 25 Jul 2018 21:44

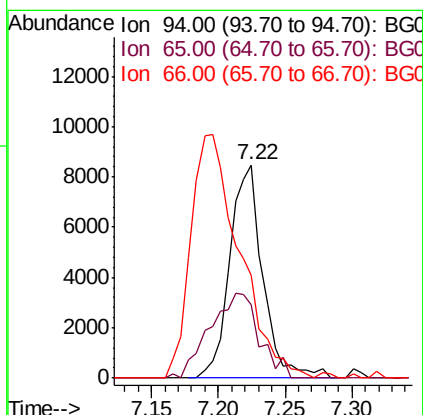
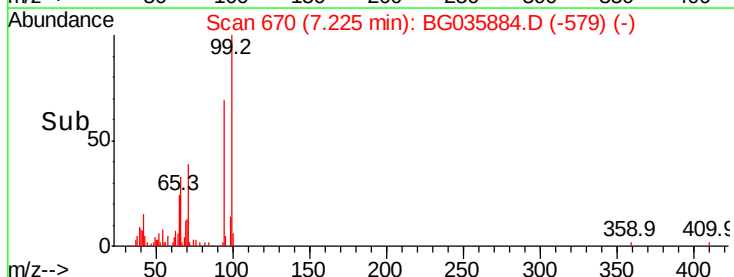
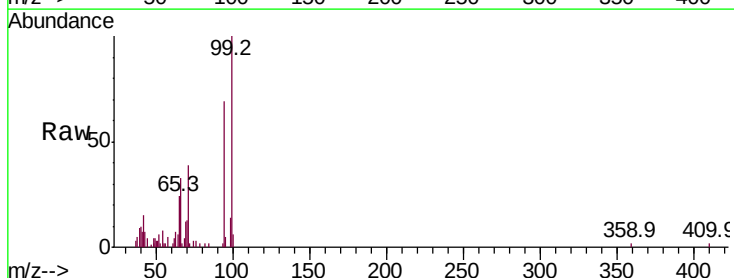
Tgt Ion: 94 Resp: 14578

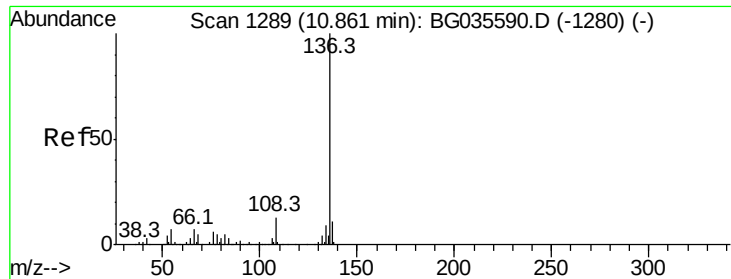
Ion Ratio Lower Upper

94 100

65 34.5 11.9 51.9

66 48.4 22.2 62.2

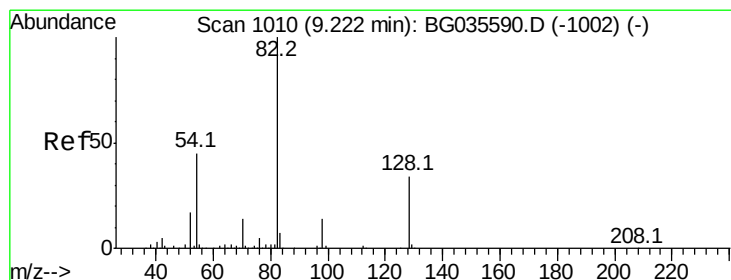
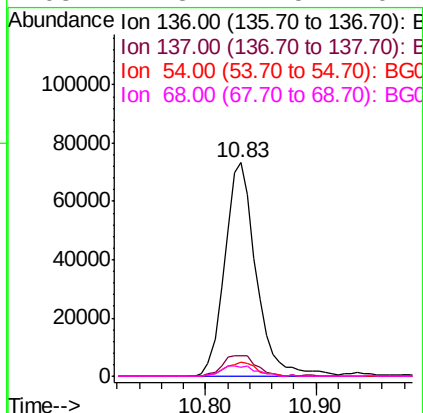
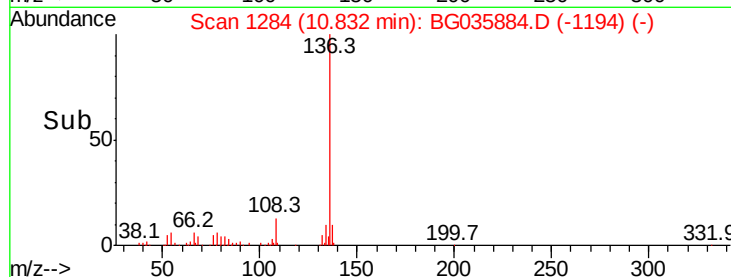
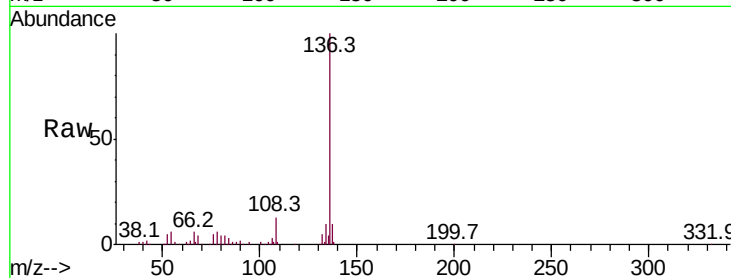




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035884.D
Acq: 25 Jul 2018 21:44

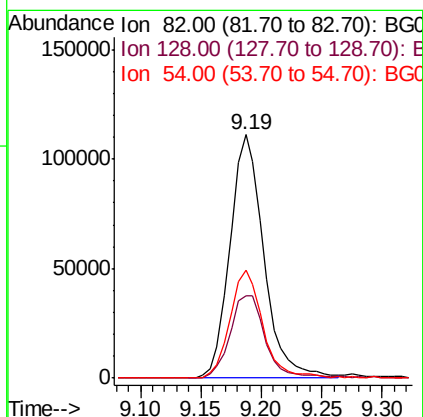
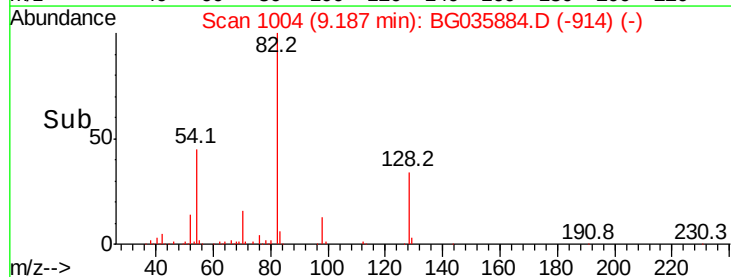
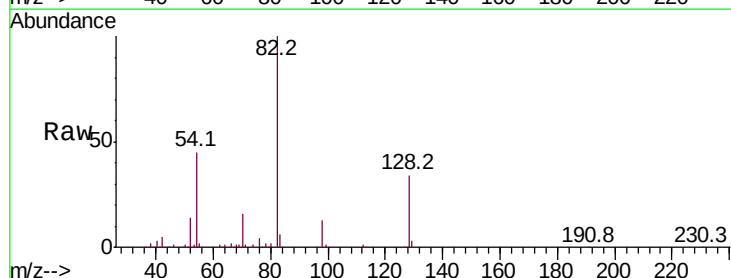
Instrument :
BNA_G
ClientSampleId :
EPE-F-8(105-107)

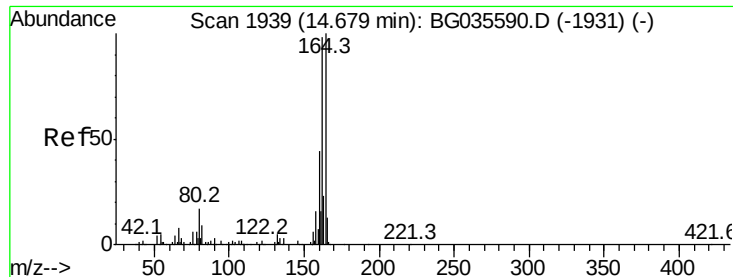
Tot Ion:	136	Resp:	145993
Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.2	13.8
54	6.4	10.3	15.5#
68	4.3	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 62.156 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035884.D
Acq: 25 Jul 2018 21:44

Tgt Ion:	82	Resp:	217221
Ion	Ratio	Lower	Upper
82	100		
128	33.6	29.7	44.5
54	44.6	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035884.D

Acq: 25 Jul 2018 21:44

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(105-107)

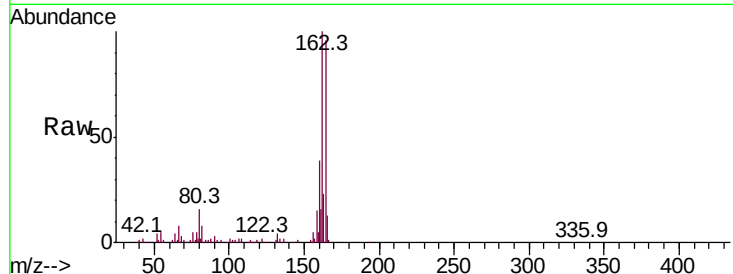
Tot Ion:164 Resp: 116628

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

160 40.8 35.4 53.0

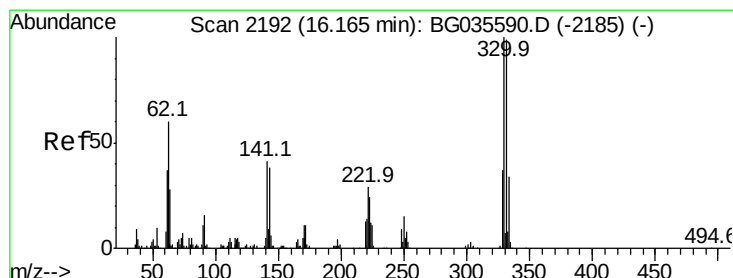
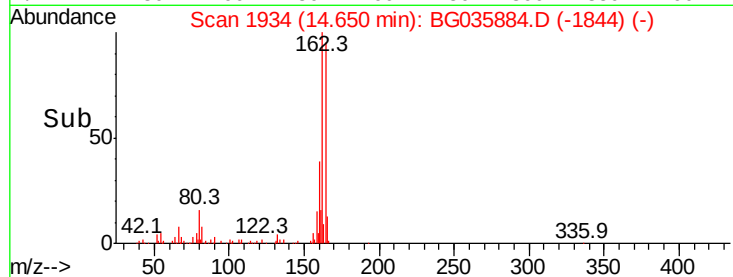
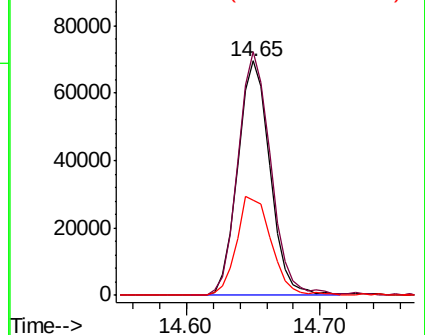


Abundance

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: 117.399 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG035884.D

Acq: 25 Jul 2018 21:44

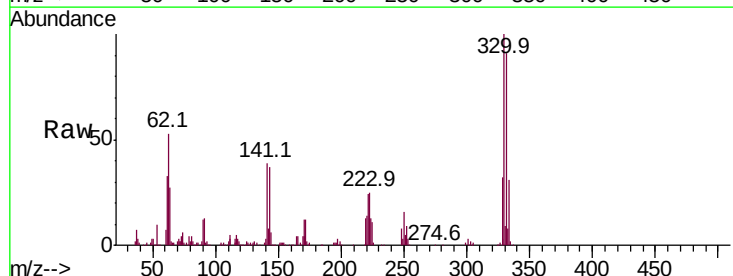
Tgt Ion:330 Resp: 180470

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

141 38.6 25.2 37.8#

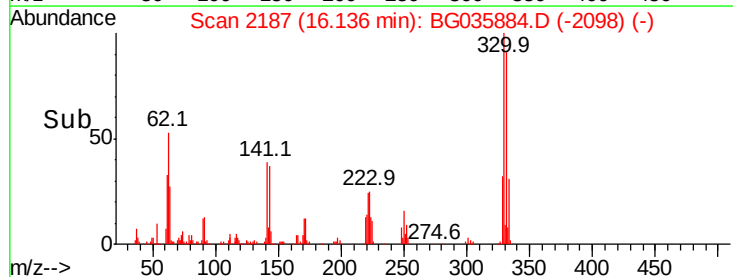
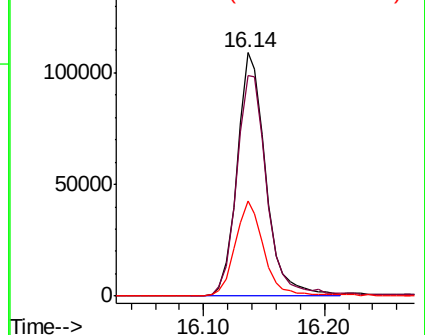


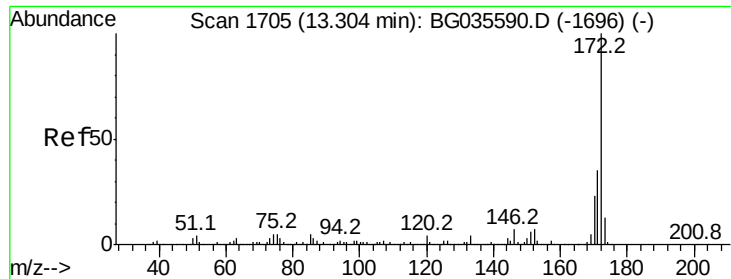
Abundance

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

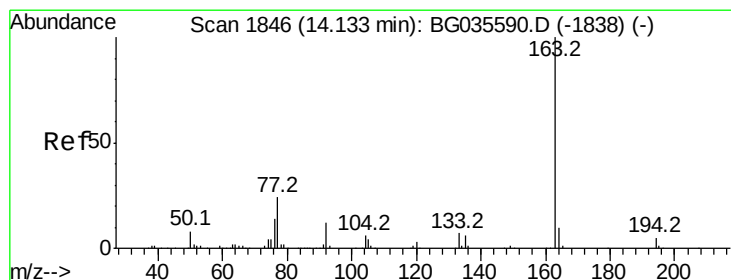
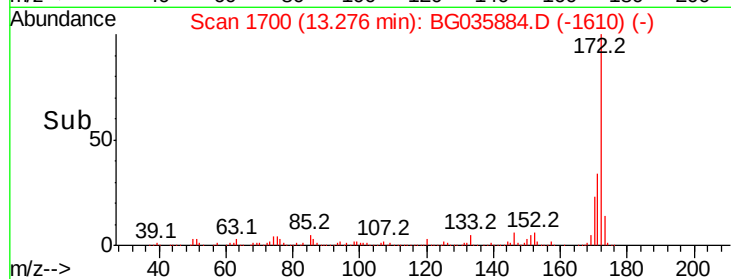
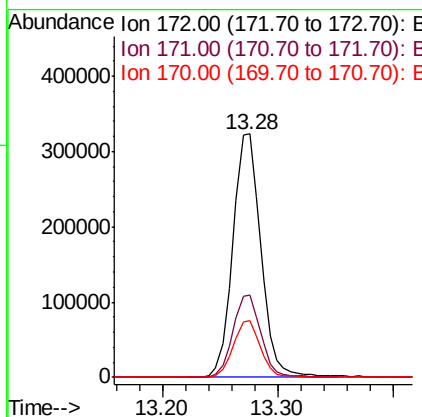
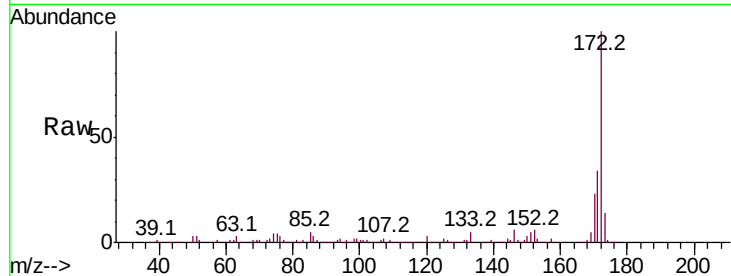




#44
 2-Fluorobiphenyl
 Concen: 62.606 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035884.D
 Acq: 25 Jul 2018 21:44

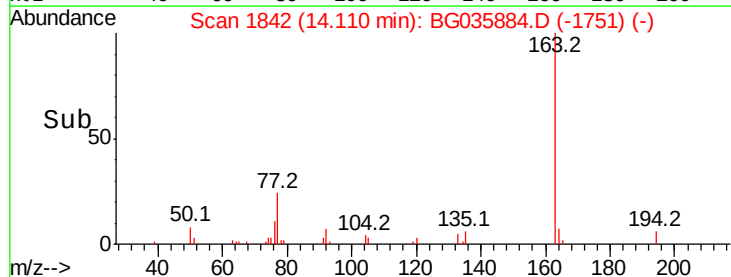
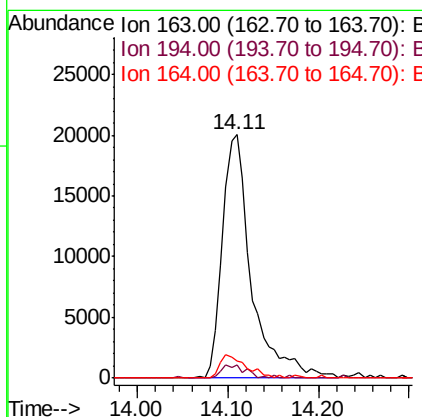
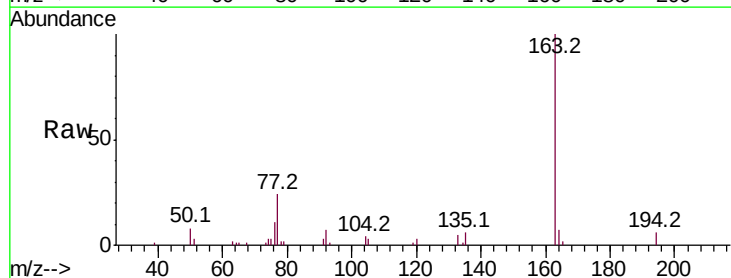
Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(105-107)

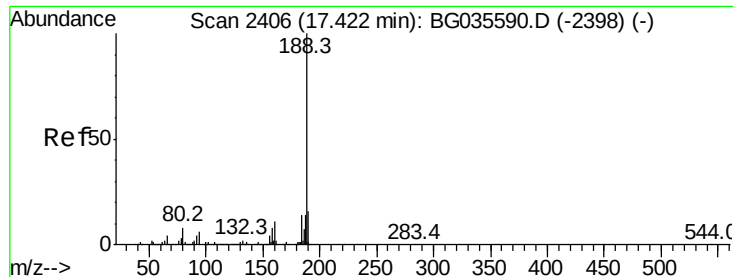
Tot Ion:172 Resp: 545002
 Ion Ratio Lower Upper
 172 100
 171 33.7 30.0 45.0
 170 23.2 19.5 29.3



#49
 Dimethylphthalate
 Concen: 4.379 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BG035884.D
 Acq: 25 Jul 2018 21:44

Tgt Ion:163 Resp: 44746
 Ion Ratio Lower Upper
 163 100
 194 5.7 3.4 5.2#
 164 7.2 8.2 12.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035884.D

Acq: 25 Jul 2018 21:44

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(105-107)

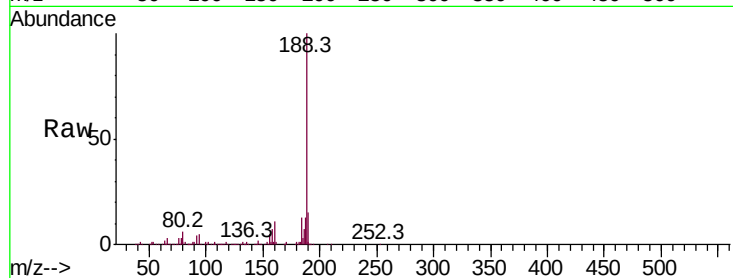
Tot Ion:188 Resp: 335571

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

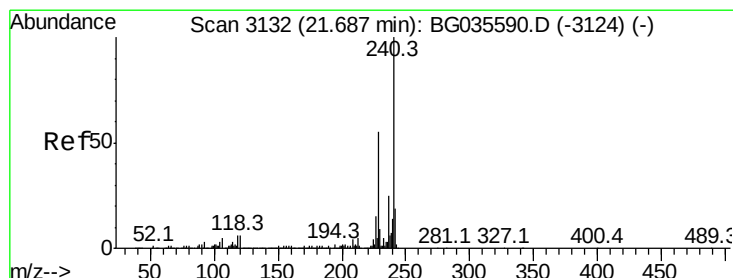
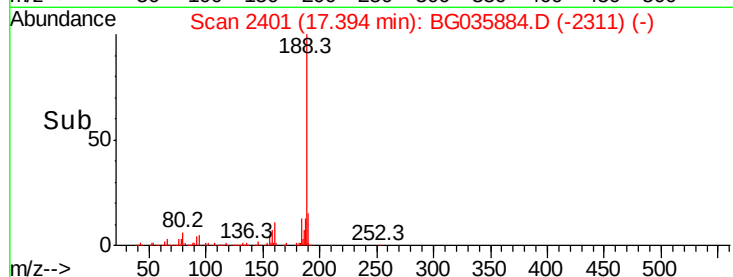
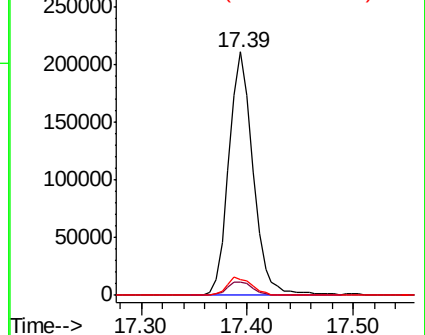
80 6.3 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035884.D

Acq: 25 Jul 2018 21:44

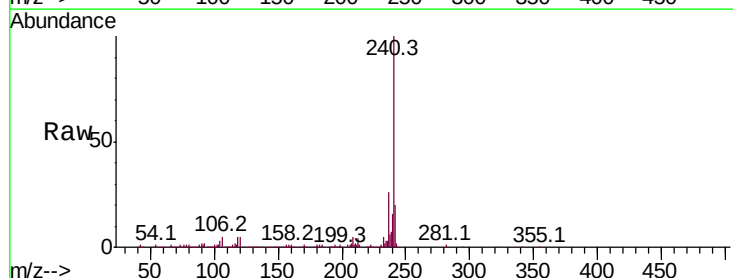
Tgt Ion:240 Resp: 347108

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

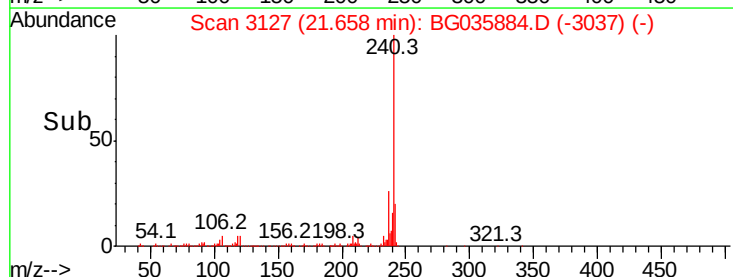
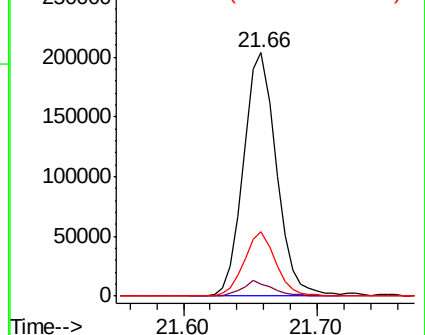
236 26.3 20.9 31.3

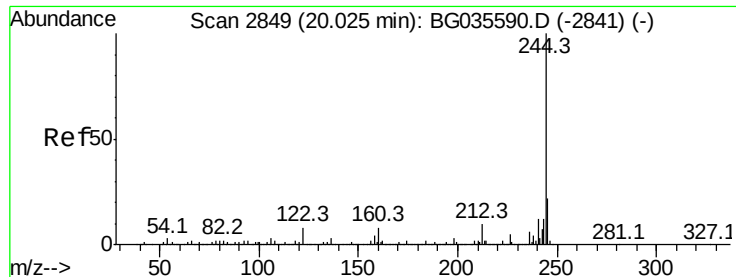


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.436 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035884.D

Acq: 25 Jul 2018 21:44

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(105-107)

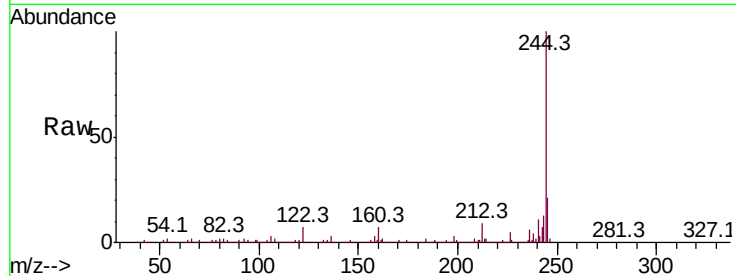
Tot Ion:244 Resp: 1014665

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

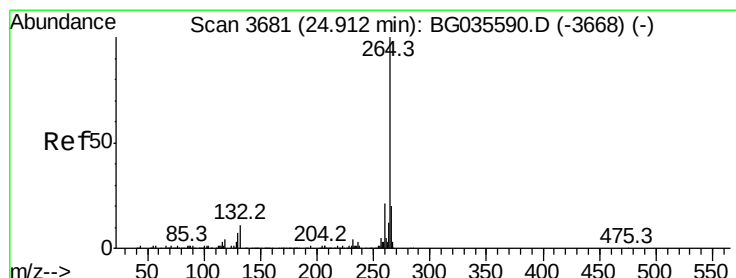
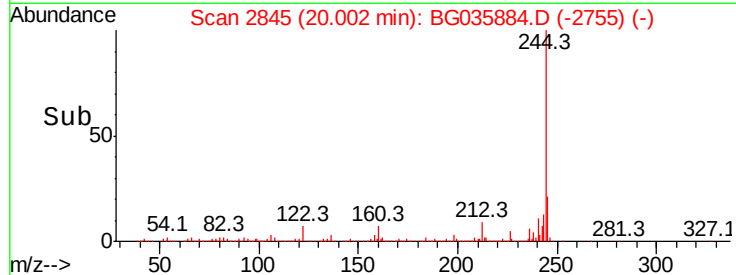
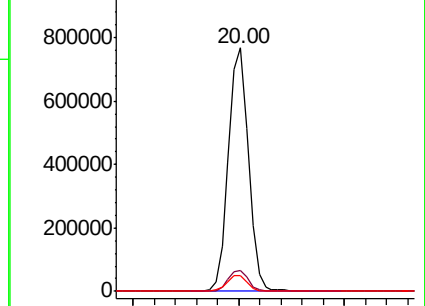
122 6.7 7.0 10.4#



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: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG035884.D

Acq: 25 Jul 2018 21:44

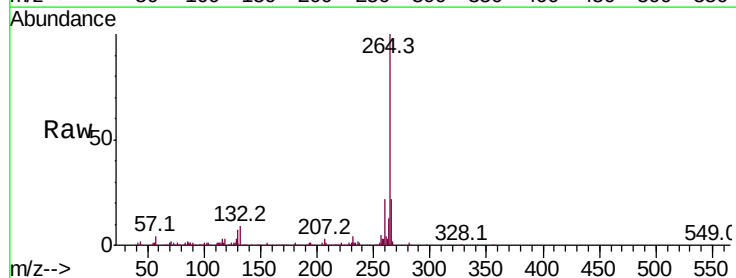
Tgt Ion:264 Resp: 338011

Ion Ratio Lower Upper

264 100

260 22.3 17.4 26.0

265 21.6 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

