

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035421.D
 Acq On : 26 Jun 2018 22:09
 Operator : JU/SJ
 Sample : J3688-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-6(70-72)

Quant Time: Jun 27 03:10:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

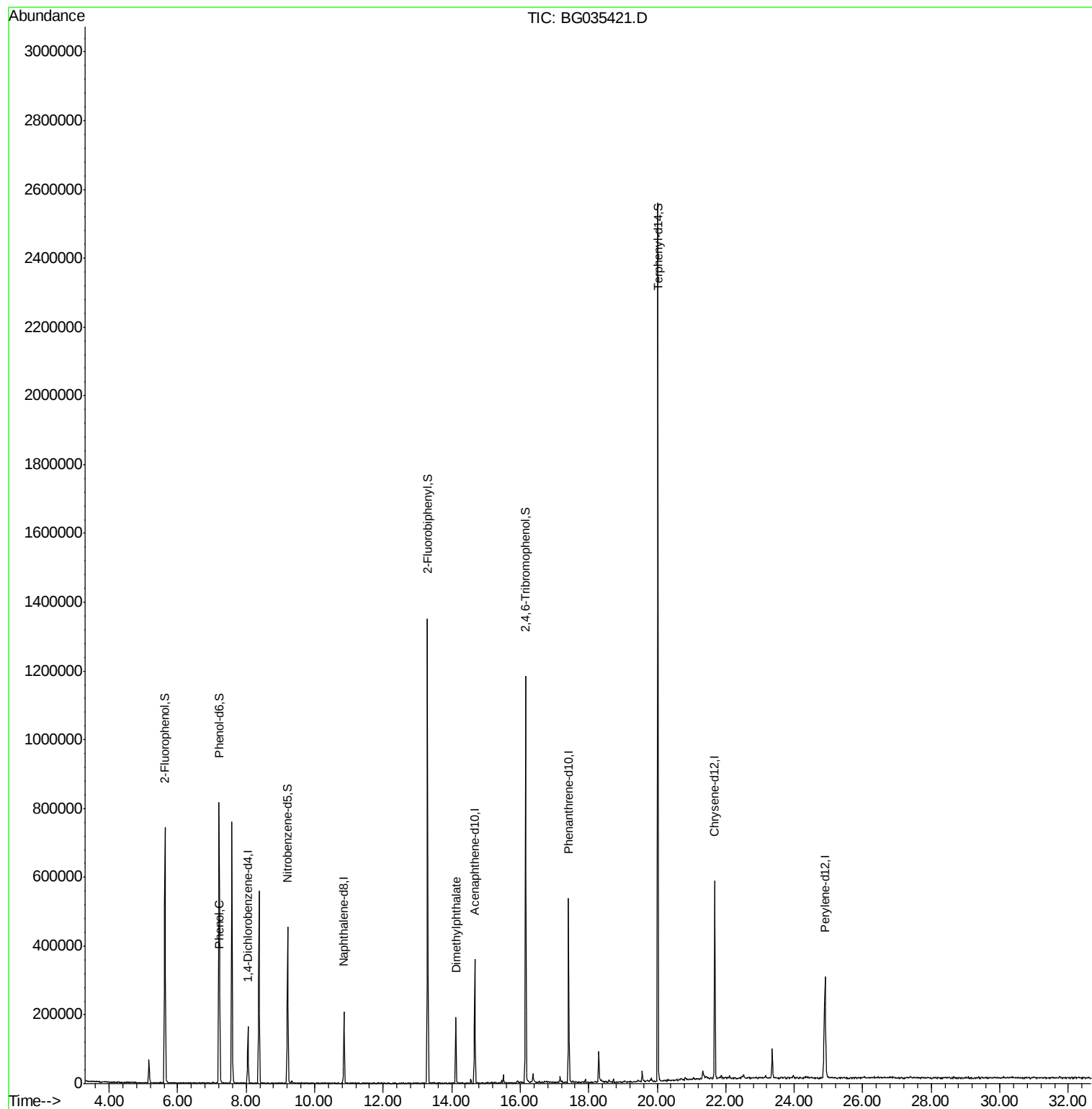
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	44883	20.00	ng	-0.03
21) Naphthalene-d8	10.85	136	177854	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	127362	20.00	ng	-0.03
63) Phenanthrene-d10	17.41	188	335576	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	362526	20.00	ng	-0.04
86) Perylene-d12	24.90	264	343328	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	328706	123.59	ng	-0.01
7) Phenol-d6	7.21	99	499246	127.18	ng	-0.01
23) Nitrobenzene-d5	9.21	82	314694	84.11	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	220275	135.11	ng	-0.03
44) 2-Fluorobiphenyl	13.30	172	719259	73.42	ng	-0.03
78) Terphenyl-d14	20.02	244	1243199	71.83	ng	-0.03
Target Compounds						
10) Phenol	7.23	94	9337	2.298	ng	# 77
49) Dimethylphthalate	14.12	163	125503	11.300	ng	# 98

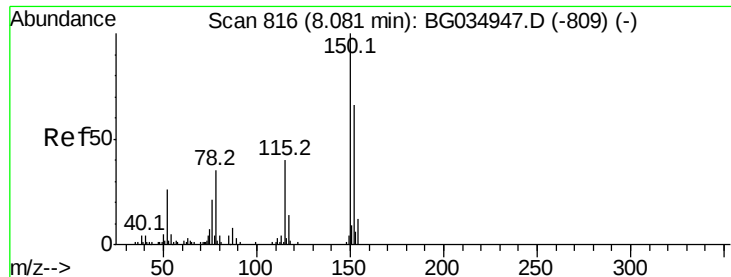
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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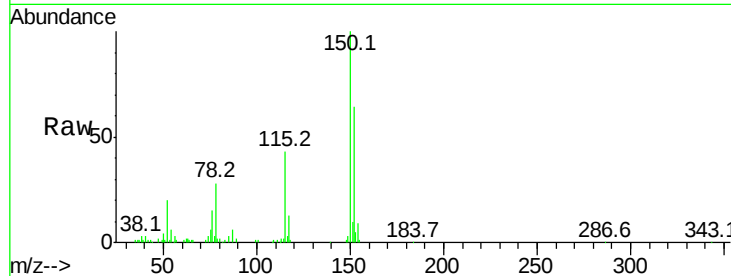


#1

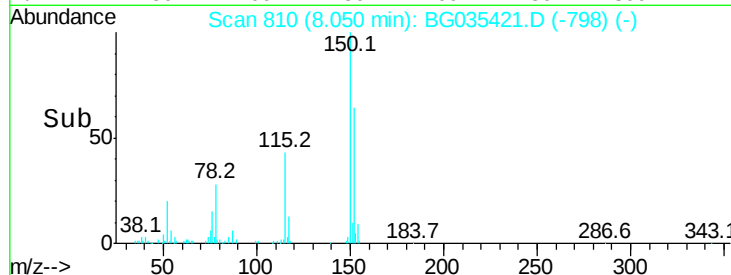
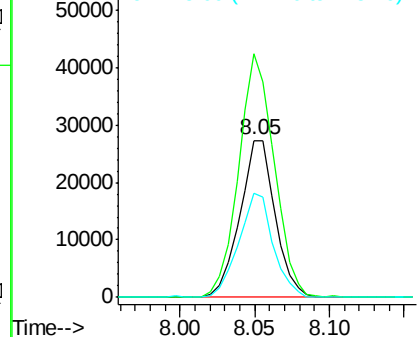
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.03 min
Lab File: BG035421.D
Acq: 26 Jun 2018 22:09

Instrument :
BNA_G
ClientSampleId :
EPE-109-6(70-72)

Tot Ion:152 Resp: 44883
Ion Ratio Lower Upper
152 100
150 155.2 126.6 189.8
115 66.2 53.0 79.4



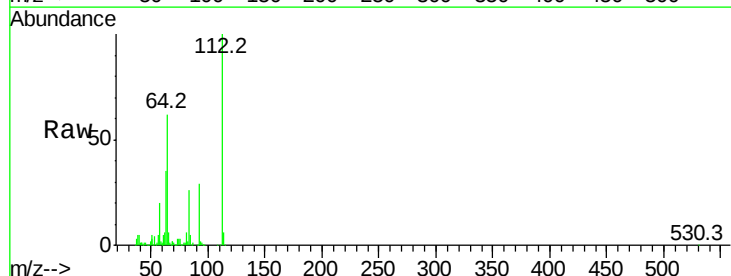
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



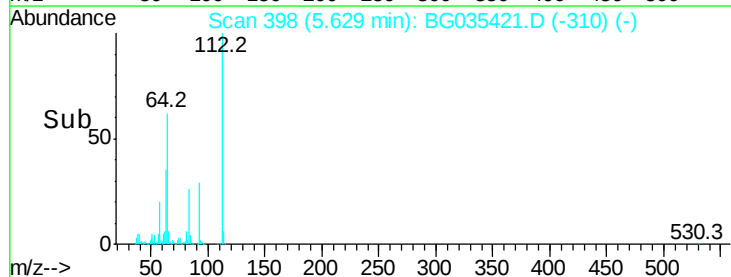
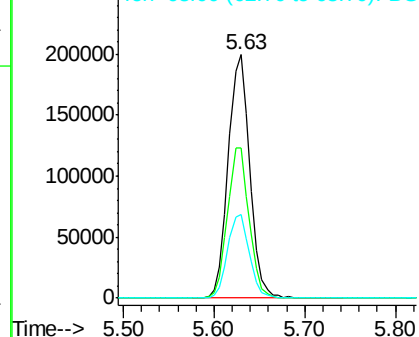
#5

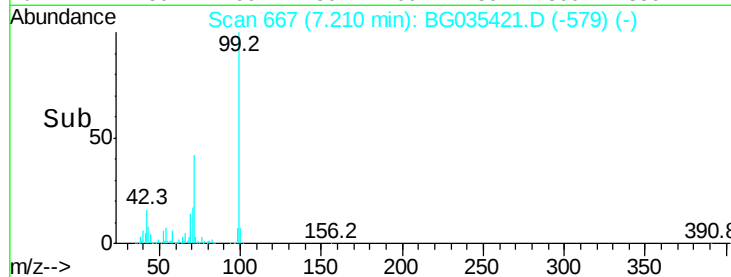
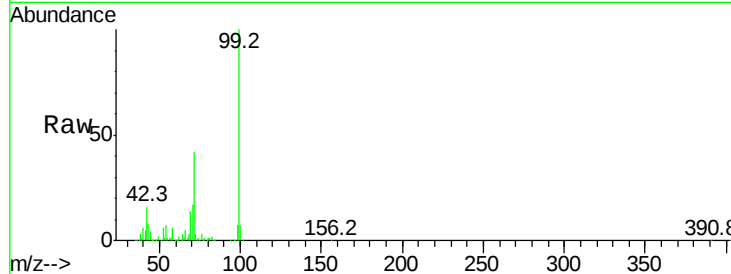
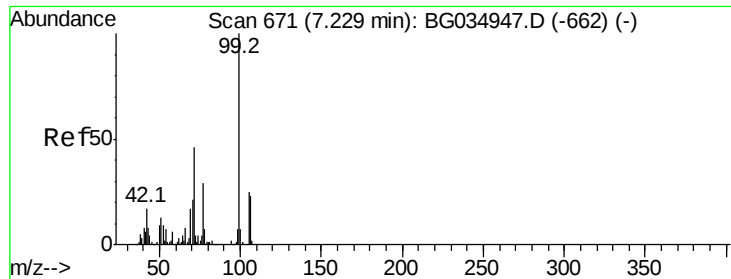
2-Fluorophenol
Concen: 123.594 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035421.D
Acq: 26 Jun 2018 22:09

Tgt Ion:112 Resp: 328706
Ion Ratio Lower Upper
112 100
64 61.7 56.3 84.5
63 34.6 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: 127.185 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035421.D

Acq: 26 Jun 2018 22:09

Instrument :

BNA_G

ClientSampleId :

EPE-109-6(70-72)

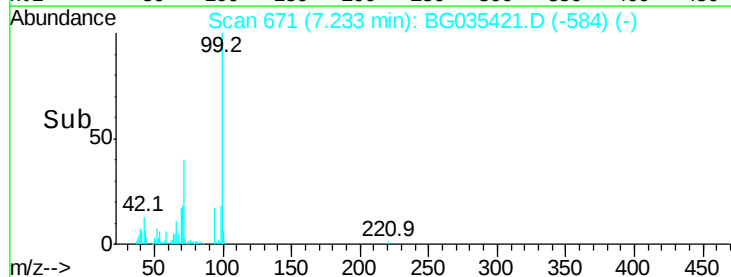
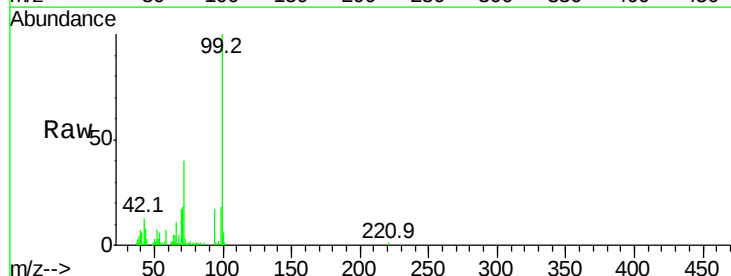
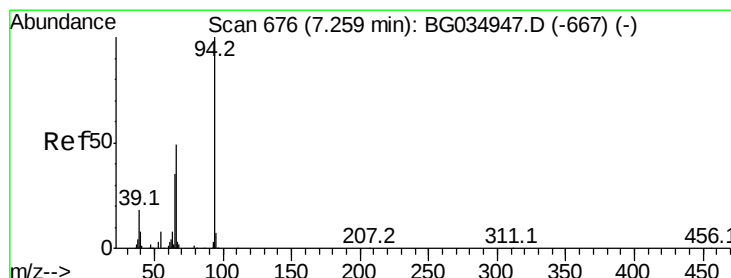
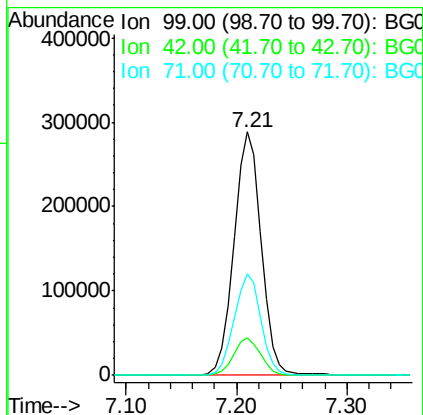
Tot Ion: 99 Resp: 499246

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

71 42.0 26.1 39.1#



#10

Phenol

Concen: 2.298 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG035421.D

Acq: 26 Jun 2018 22:09

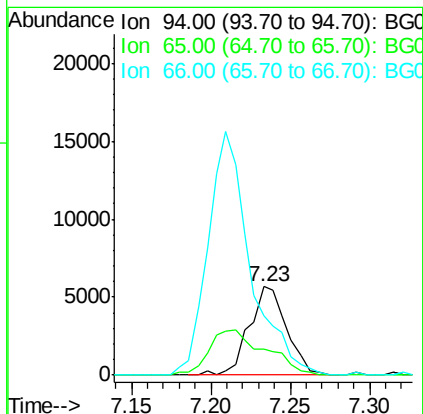
Tgt Ion: 94 Resp: 9337

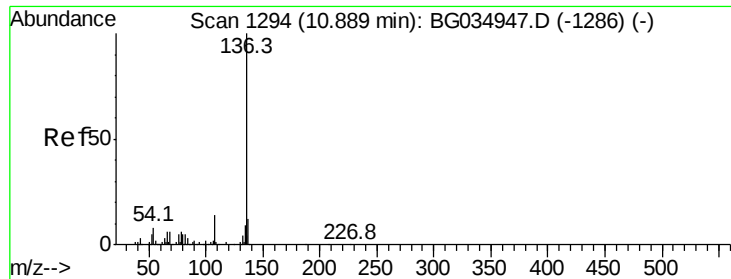
Ion Ratio Lower Upper

94 100

65 30.0 11.9 51.9

66 66.7 22.2 62.2#

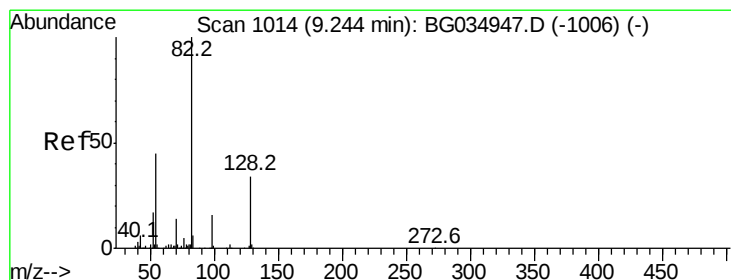
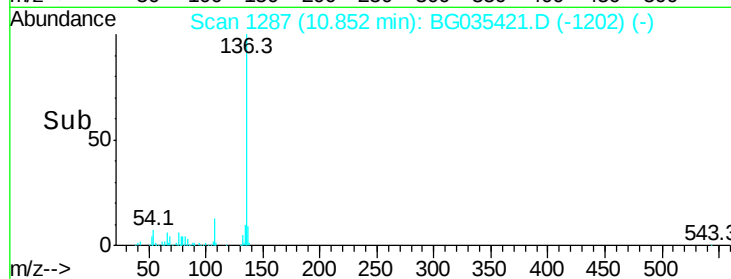
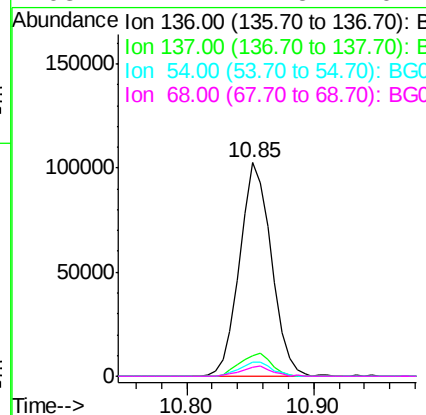
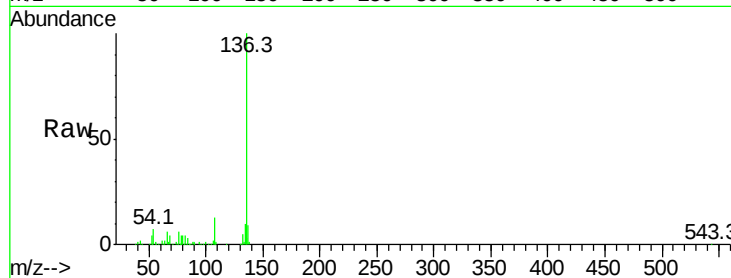




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BG035421.D
Acq: 26 Jun 2018 22:09

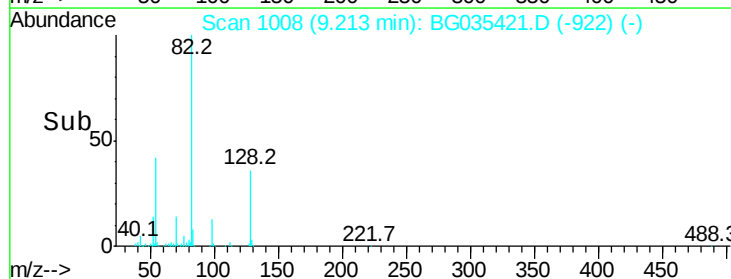
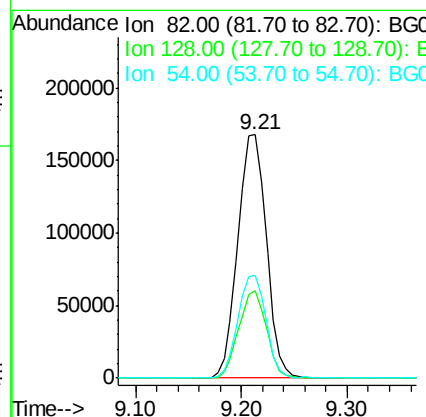
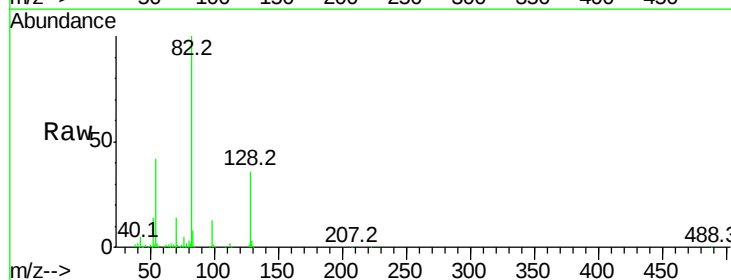
Instrument :
BNA_G
ClientSampleId :
EPE-109-6(70-72)

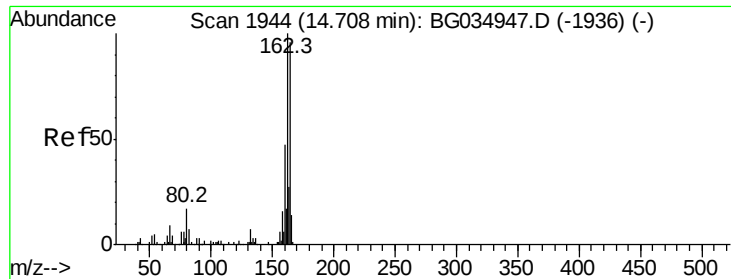
Tot Ion:	136	Resp:	177854
Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.2	13.8
54	6.9	10.3	15.5#
68	4.4	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 84.107 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035421.D
Acq: 26 Jun 2018 22:09

Tgt Ion:	82	Resp:	314694
Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.7	44.5
54	42.0	43.1	64.7#

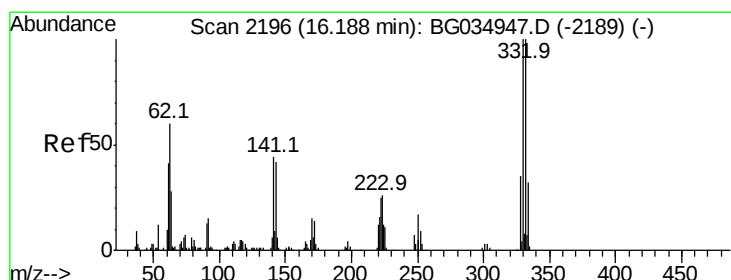
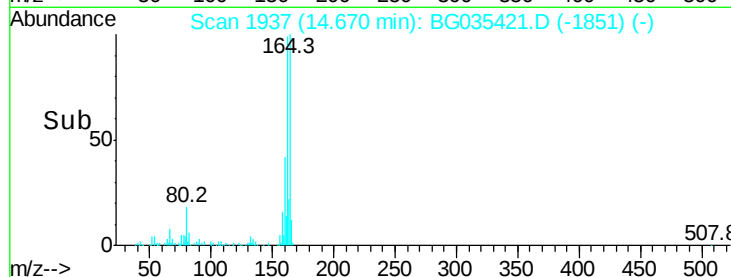
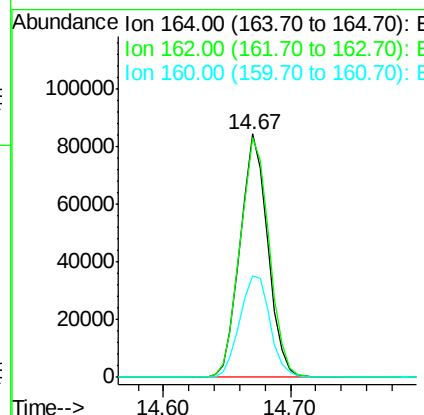
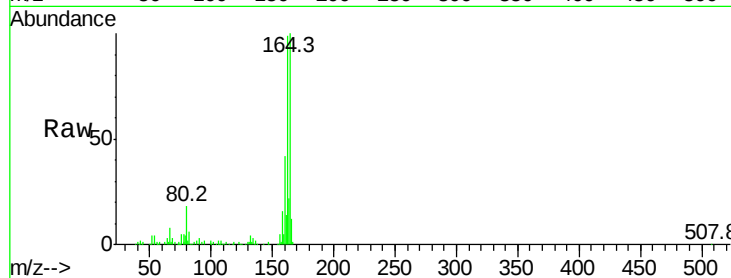




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.03 min
Lab File: BG035421.D
Acq: 26 Jun 2018 22:09

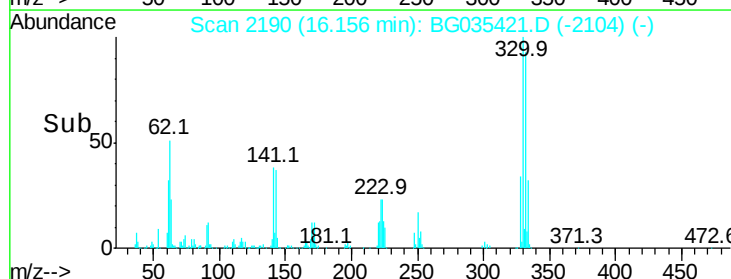
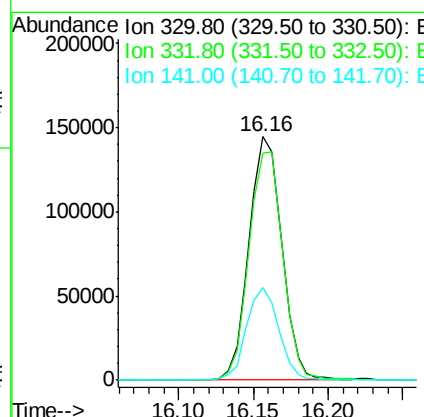
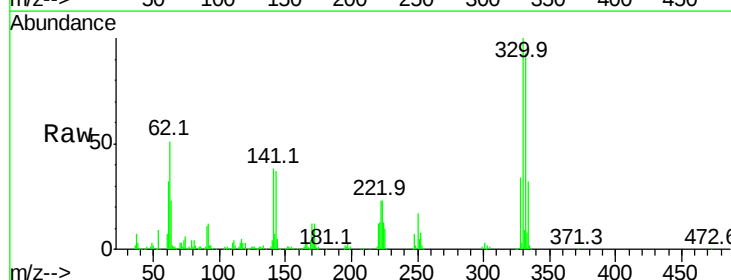
Instrument :
BNA_G
ClientSampleId :
EPE-109-6(70-72)

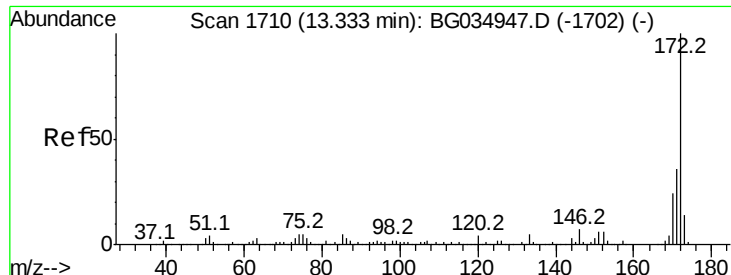
Tot Ion:164 Resp: 127362
Ion Ratio Lower Upper
164 100
162 98.7 78.8 118.2
160 42.0 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 135.105 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.03 min
Lab File: BG035421.D
Acq: 26 Jun 2018 22:09

Tgt Ion:330 Resp: 220275
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 37.2 25.2 37.8



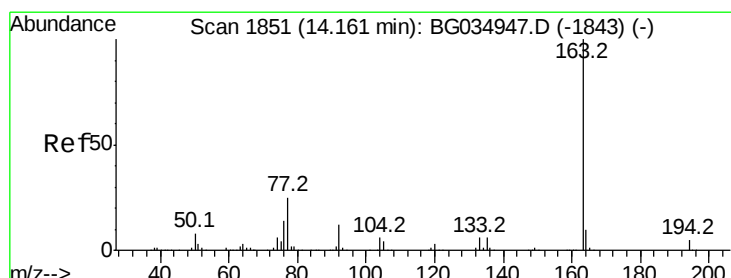
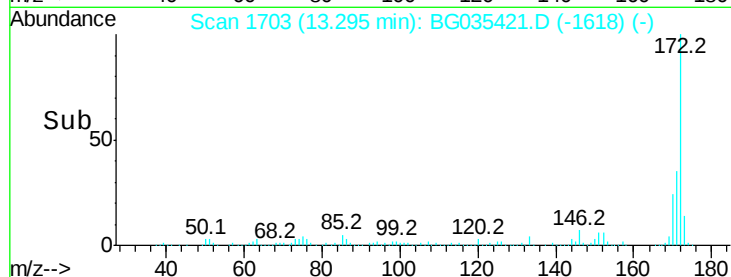
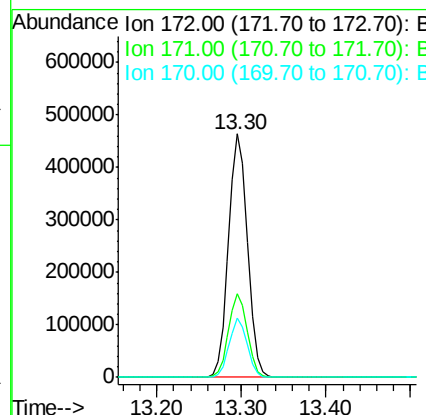
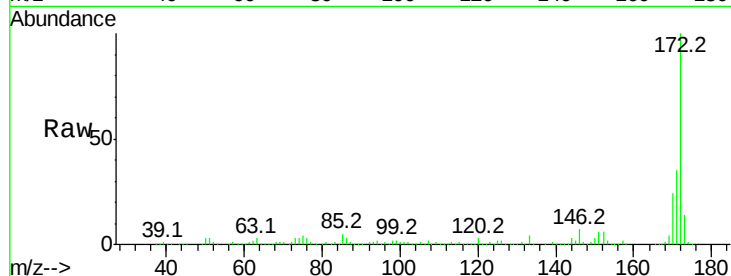


#44
 2-Fluorobiphenyl
 Concen: 73.415 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.03 min
 Lab File: BG035421.D
 Acq: 26 Jun 2018 22:09

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-6(70-72)

Tot Ion:172 Resp: 719259

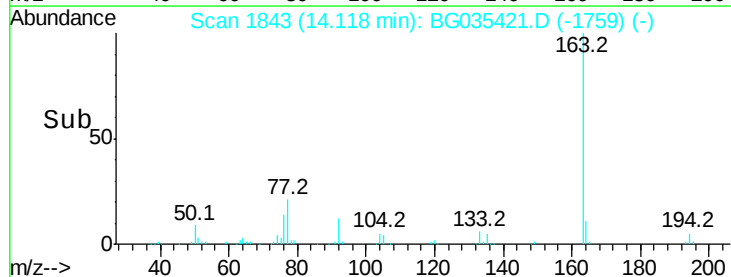
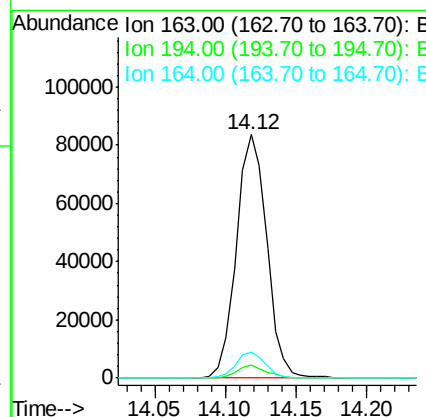
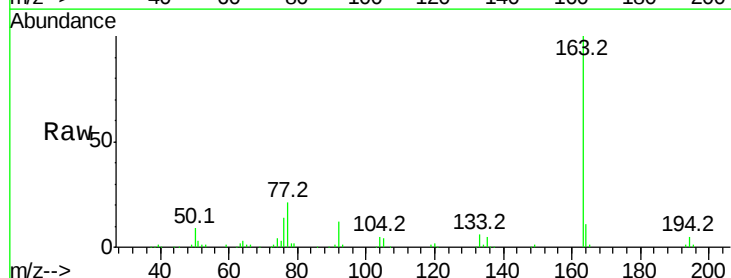
Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	24.3	19.5	29.3

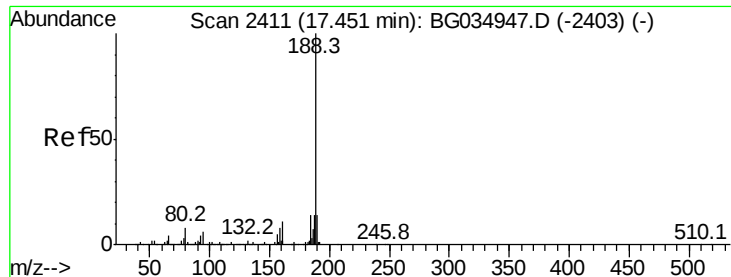


#49
 Dimethylphthalate
 Concen: 11.300 ng
 RT: 14.12 min Scan# 1843
 Delta R.T. -0.04 min
 Lab File: BG035421.D
 Acq: 26 Jun 2018 22:09

Tgt Ion:163 Resp: 125503

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.4	5.2#
164	10.8	8.2	12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BG035421.D

Acq: 26 Jun 2018 22:09

Instrument :

BNA_G

ClientSampleId :

EPE-109-6(70-72)

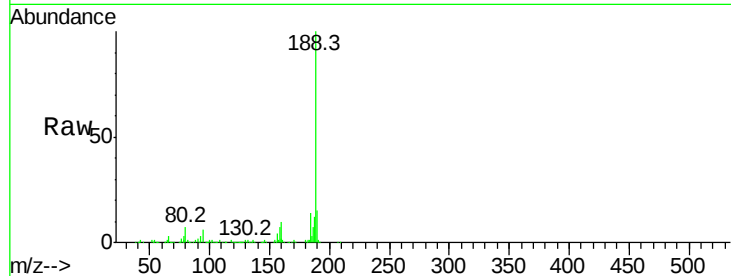
Tot Ion:188 Resp: 335576

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

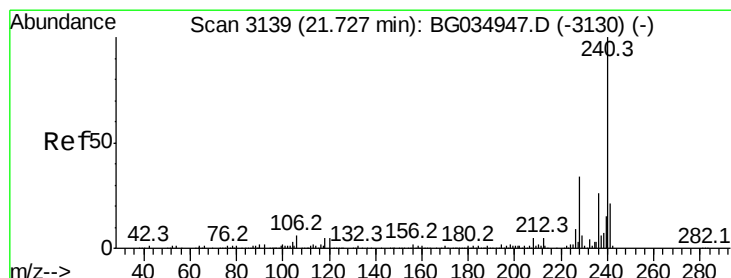
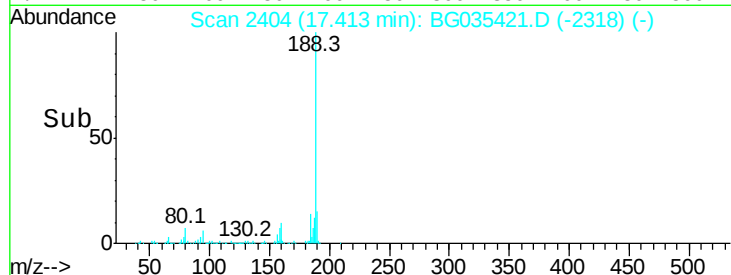
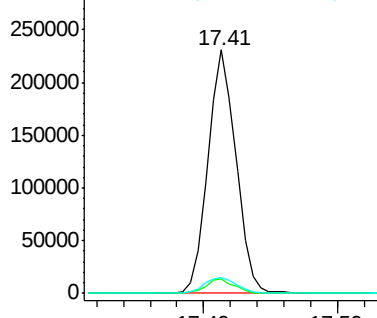
80 6.7 7.7 11.5#



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: 21.68 min Scan# 3130

Delta R.T. -0.04 min

Lab File: BG035421.D

Acq: 26 Jun 2018 22:09

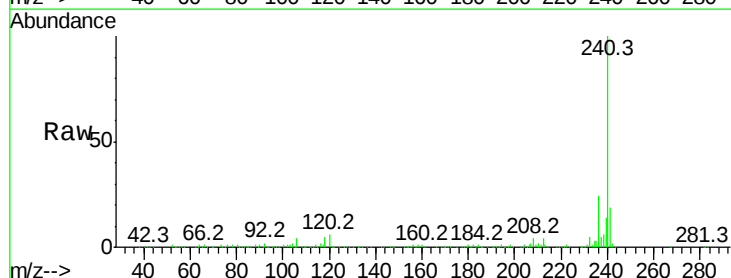
Tgt Ion:240 Resp: 362526

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

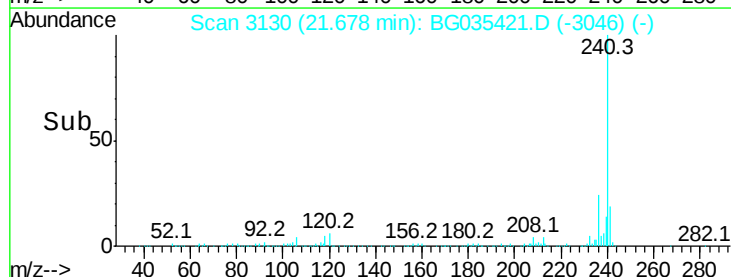
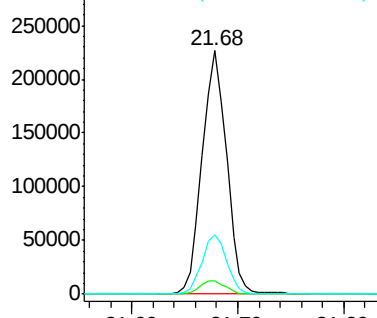
236 24.2 20.9 31.3

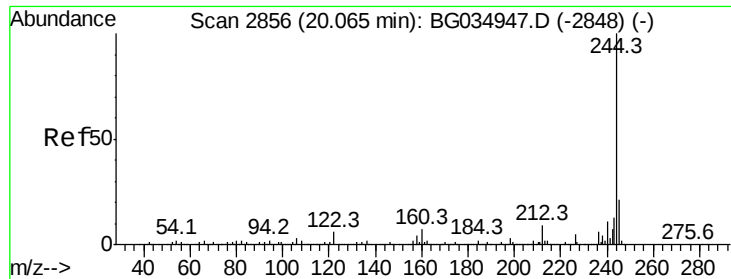


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.832 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035421.D

Acq: 26 Jun 2018 22:09

Instrument :

BNA_G

ClientSampleId :

EPE-109-6(70-72)

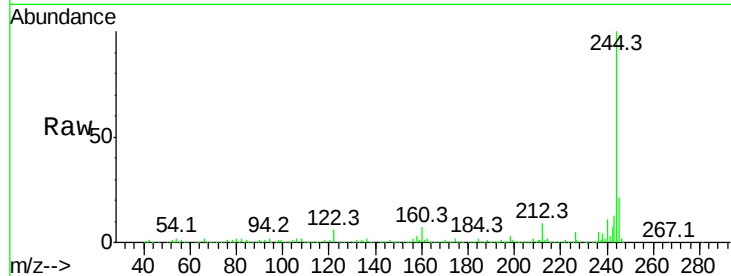
Tot Ion:244 Resp: 1243199

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

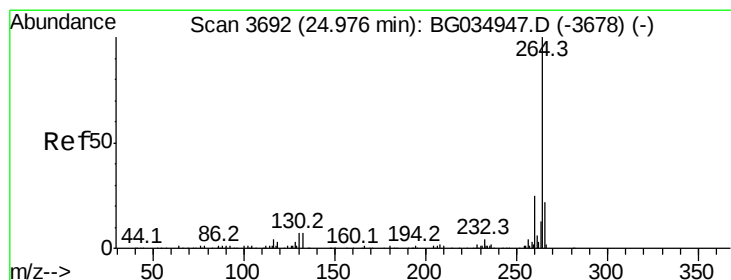
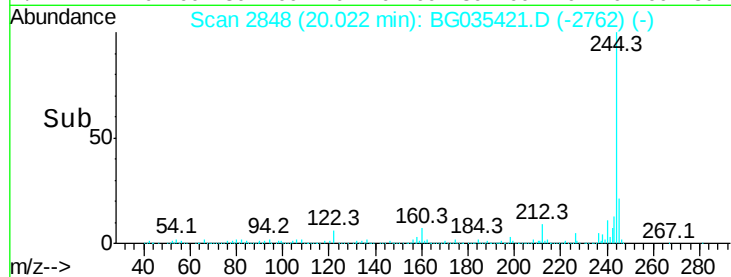
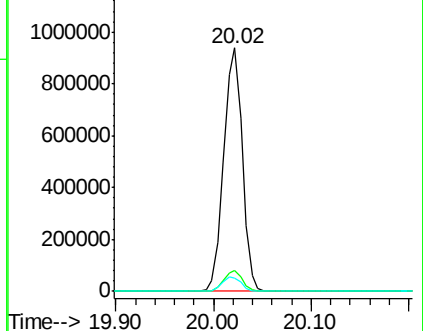
122 5.7 7.0 10.4#



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: 24.90 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035421.D

Acq: 26 Jun 2018 22:09

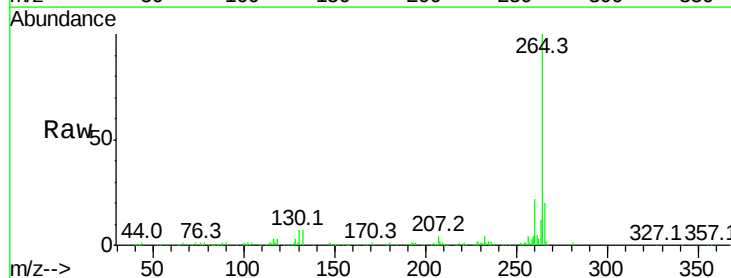
Tgt Ion:264 Resp: 343328

Ion Ratio Lower Upper

264 100

260 21.5 17.4 26.0

265 20.0 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

