

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042621.D
 Acq On : 31 Aug 2019 4:19
 Operator : HP/JU
 Sample : K4591-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3-30-32

Quant Time: Aug 31 05:29:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

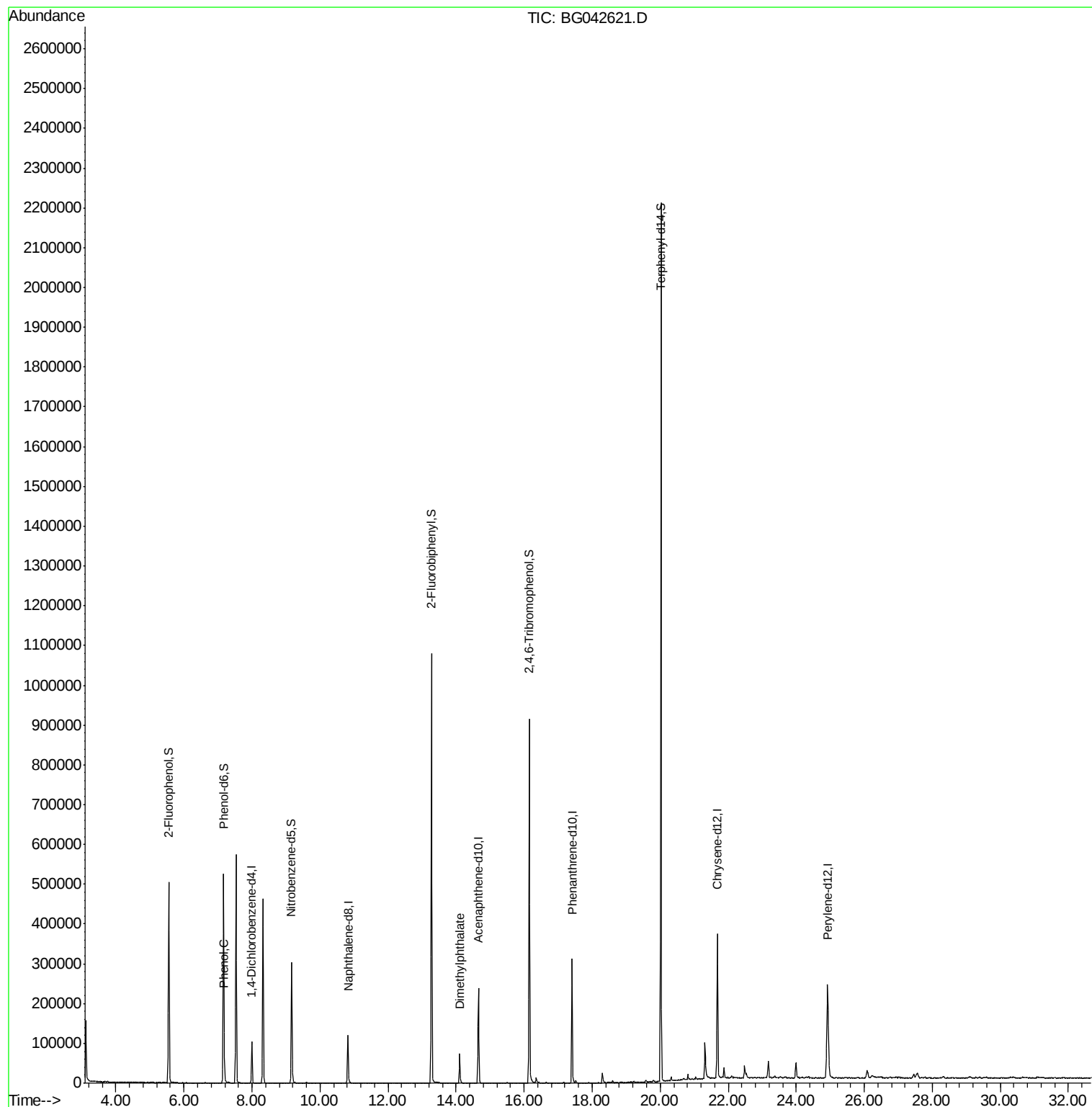
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	33695	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	130644	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	98676	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	225395	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	235706	20.00	ng	-0.01
87) Perylene-d12	24.92	264	278957	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	256839	154.38	ng	0.00
7) Phenol-d6	7.17	99	349109	155.35	ng	0.00
23) Nitrobenzene-d5	9.16	82	198247	104.86	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	227269	162.04	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	646861	110.87	ng	0.00
79) Terphenyl-d14	20.02	244	1129639	103.61	ng	0.00
Target Compounds						
10) Phenol	7.19	94	14275	6.247	ng	78
50) Dimethylphthalate	14.10	163	67190	9.437	ng	99

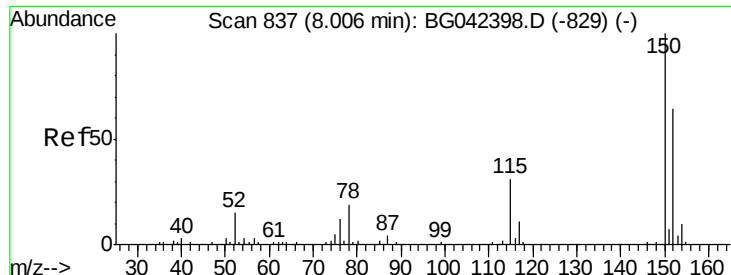
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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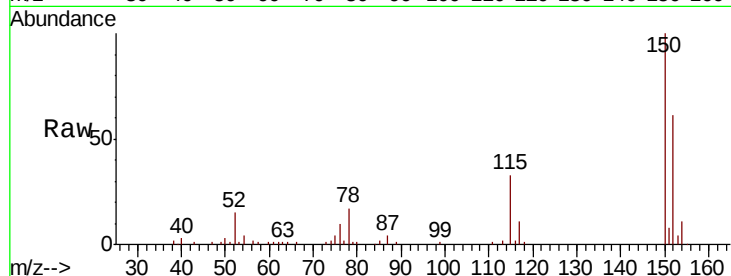


#1

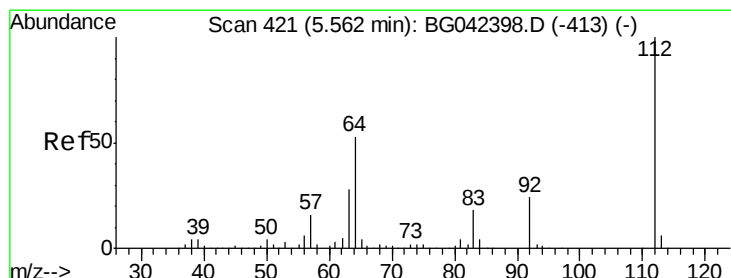
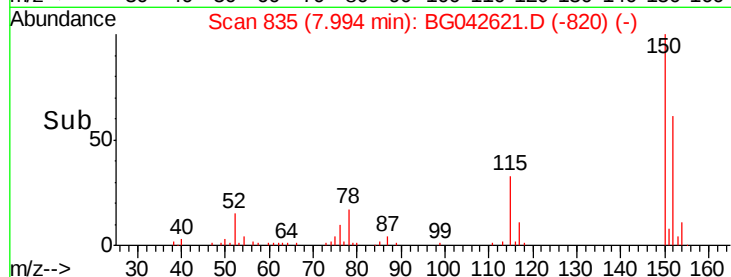
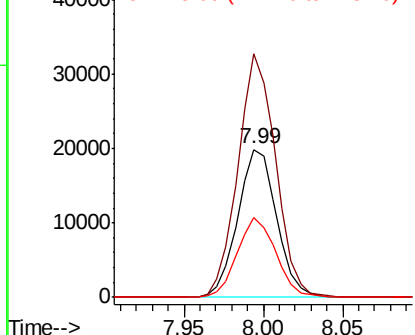
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042621.D
Acq: 31 Aug 2019 4:19

Instrument :
BNA_G
ClientSampleId :
SB-3-30-32

Tot Ion:152 Resp: 33695
Ion Ratio Lower Upper
152 100
150 164.9 125.4 188.0
115 54.3 38.5 57.7



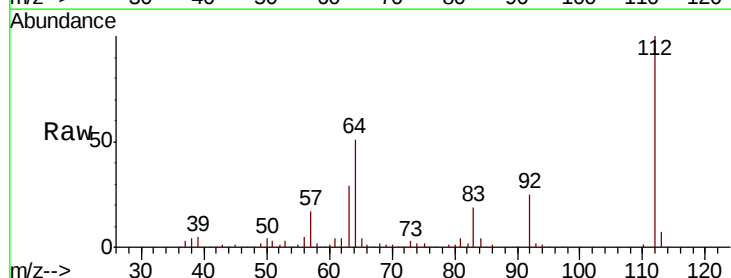
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



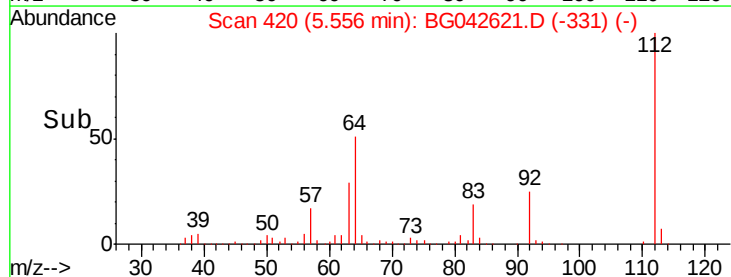
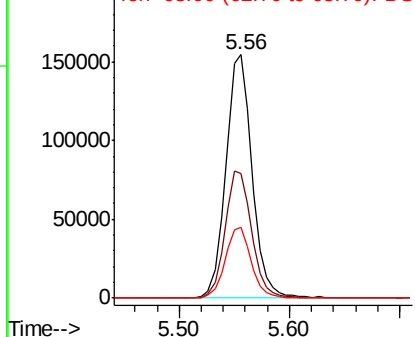
#5

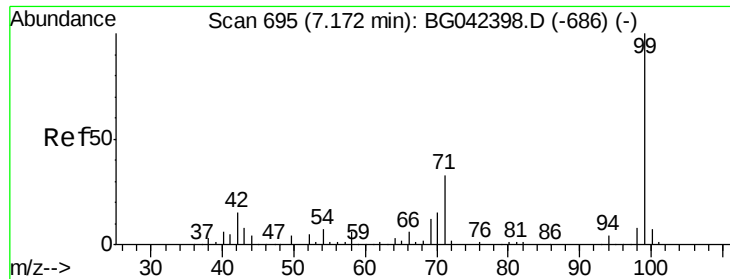
2-Fluorophenol
Concen: 154.377 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042621.D
Acq: 31 Aug 2019 4:19

Tgt Ion:112 Resp: 256839
Ion Ratio Lower Upper
112 100
64 51.3 42.8 64.2
63 29.1 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 155.346 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042621.D

Acq: 31 Aug 2019 4:19

Instrument :

BNA_G

ClientSampled :

SB-3-30-32

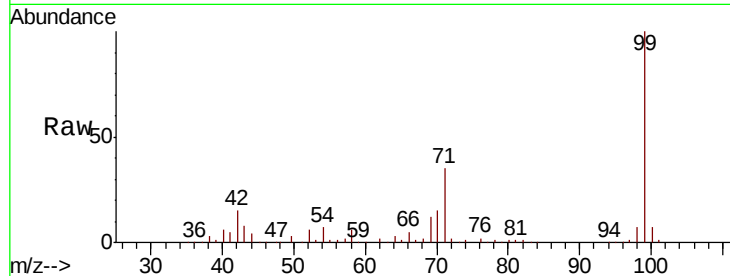
Tot Ion: 99 Resp: 349109

Ion Ratio Lower Upper

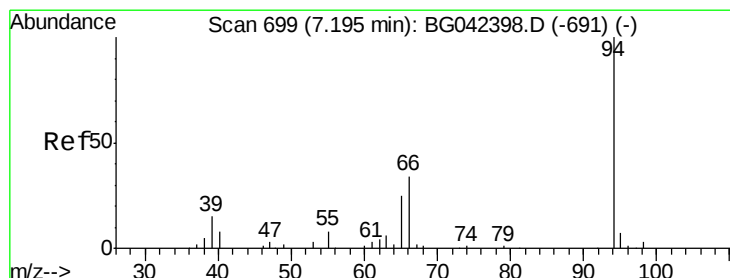
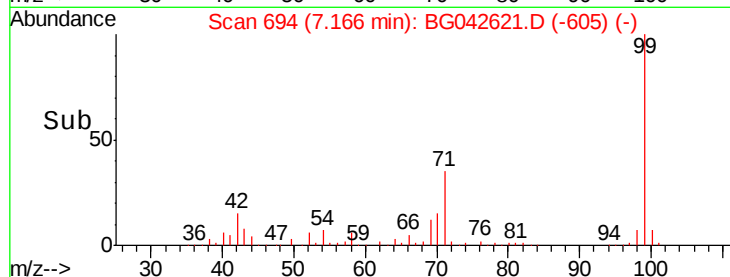
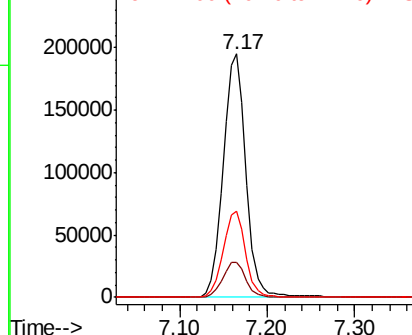
99 100

42 14.6 12.0 18.0

71 35.5 26.3 39.5



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: 6.247 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042621.D

Acq: 31 Aug 2019 4:19

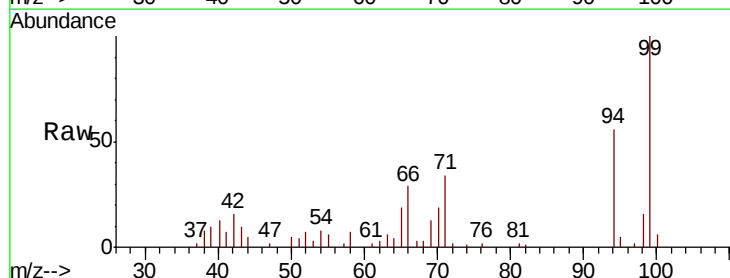
Tgt Ion: 94 Resp: 14275

Ion Ratio Lower Upper

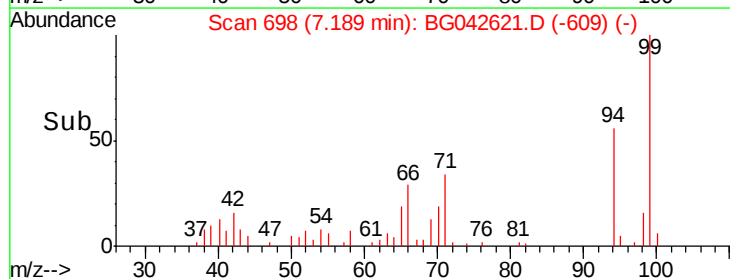
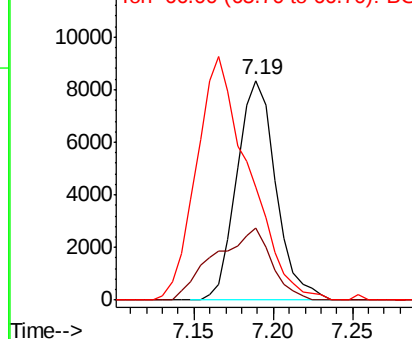
94 100

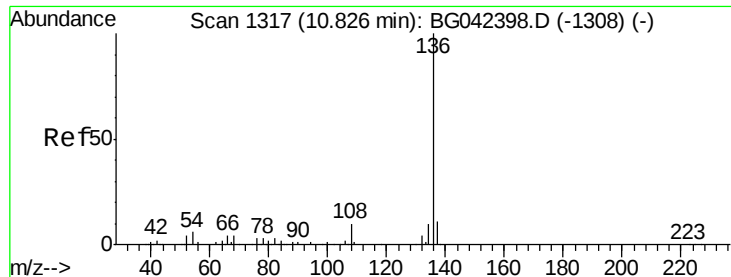
65 33.1 5.6 45.6

66 51.5 16.0 56.0



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

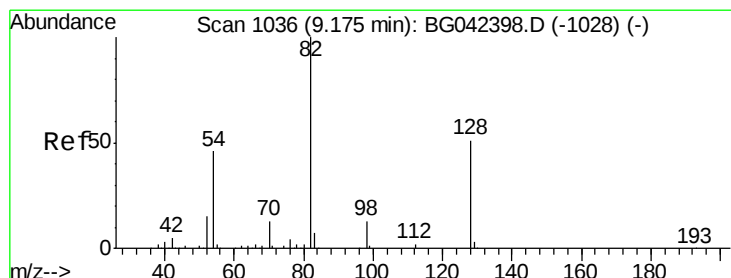
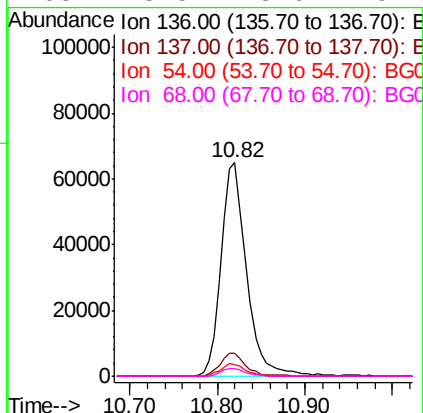
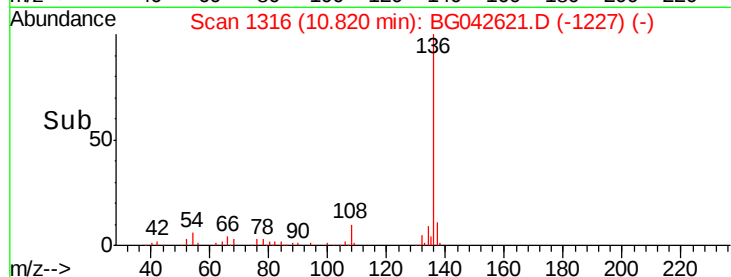
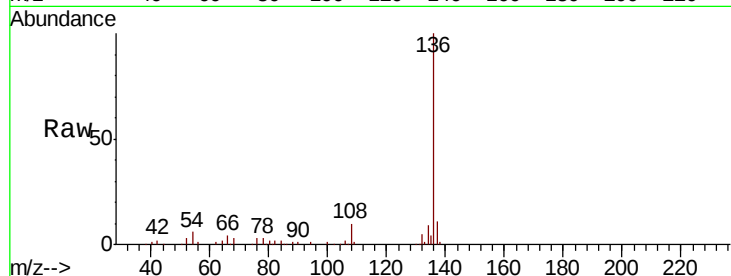




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042621.D
Acq: 31 Aug 2019 4:19

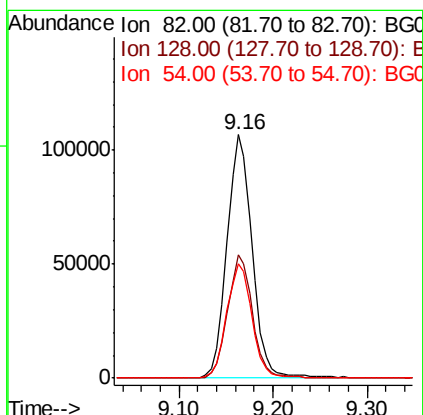
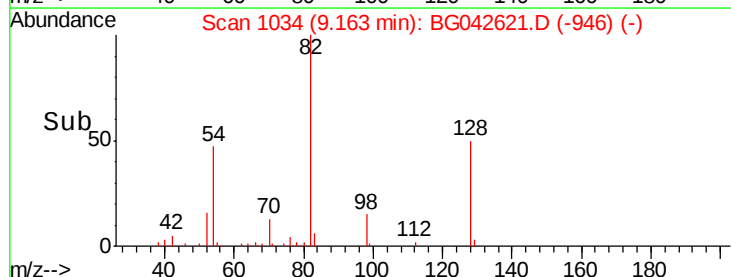
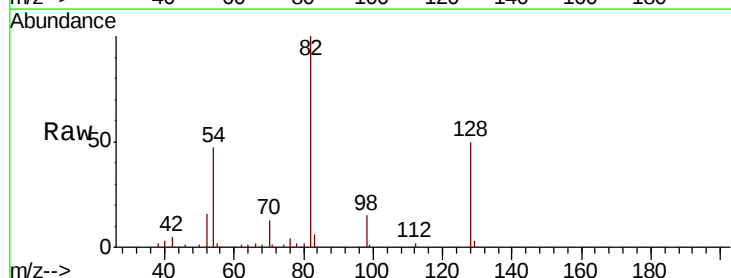
Instrument :
BNA_G
ClientSampleId :
SB-3-30-32

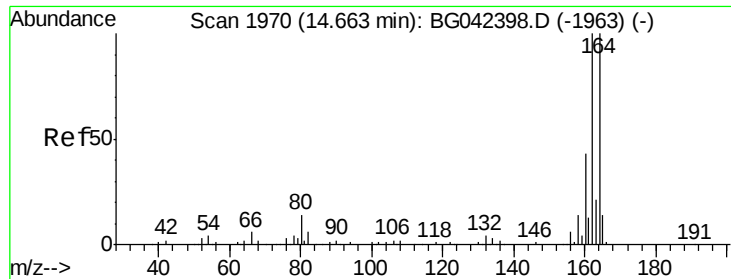
Tot Ion:136	Resp:	130644
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.7 13.1
54	5.6	4.9 7.3
68	3.5	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 104.863 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042621.D
Acq: 31 Aug 2019 4:19

Tgt Ion: 82	Resp:	198247
Ion Ratio	Lower	Upper
82	100	
128	50.5	40.7 61.1
54	46.9	36.3 54.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042621.D

Acq: 31 Aug 2019 4:19

Instrument :

BNA_G

ClientSampleId :

SB-3-30-32

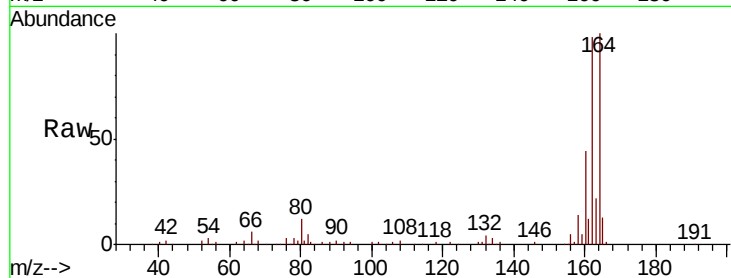
Tot Ion:164 Resp: 98676

Ion Ratio Lower Upper

164 100

162 98.4 79.9 119.9

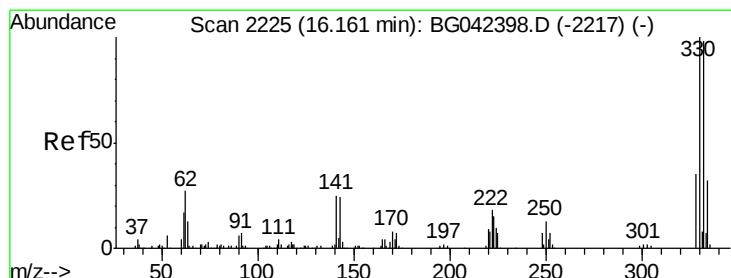
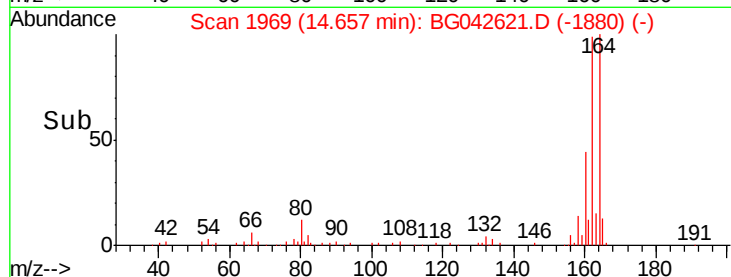
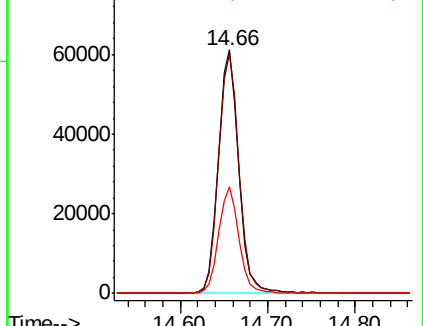
160 43.9 34.3 51.5



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



#42

2,4,6-Tribromophenol

Concen: 162.044 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042621.D

Acq: 31 Aug 2019 4:19

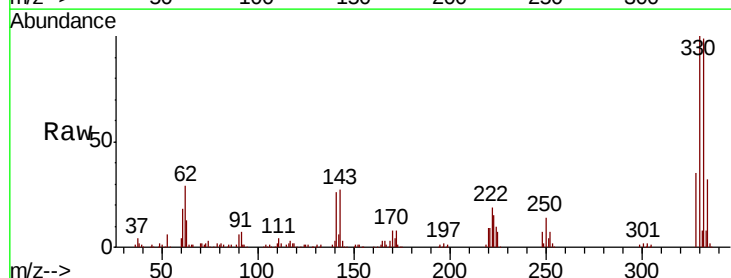
Tgt Ion:330 Resp: 227269

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.0

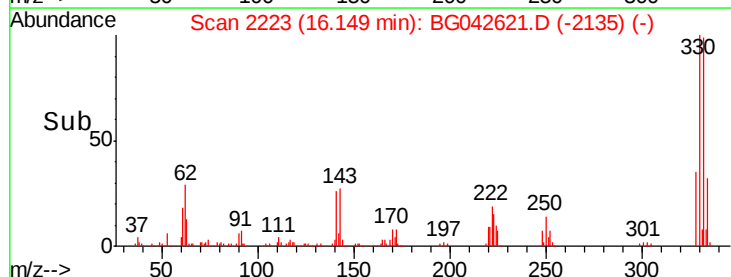
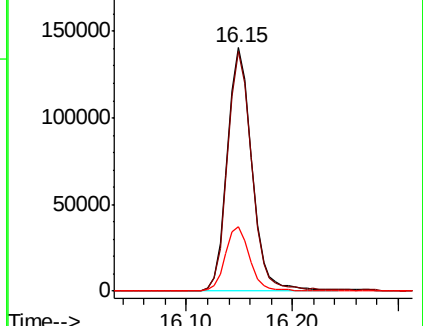
141 26.4 21.4 32.0

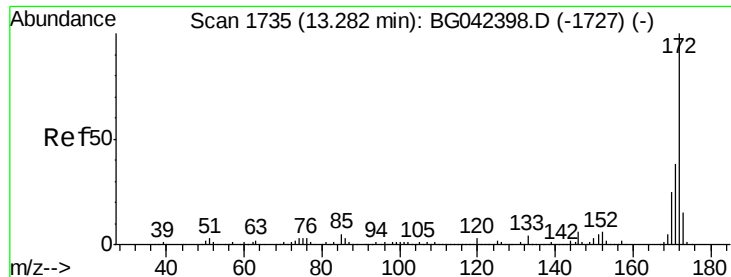


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

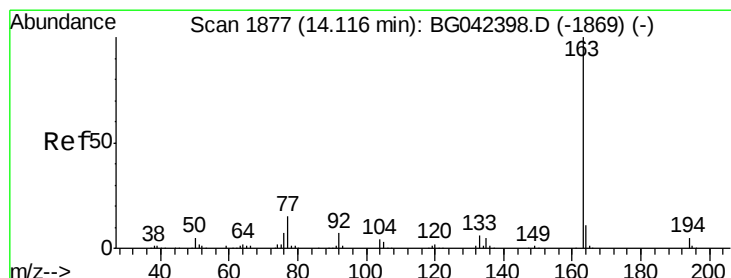
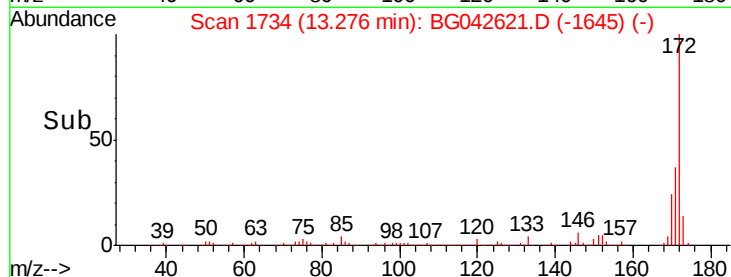
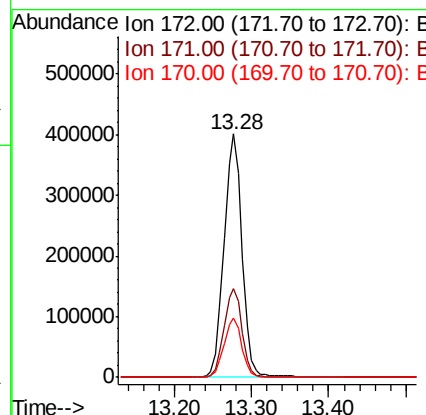
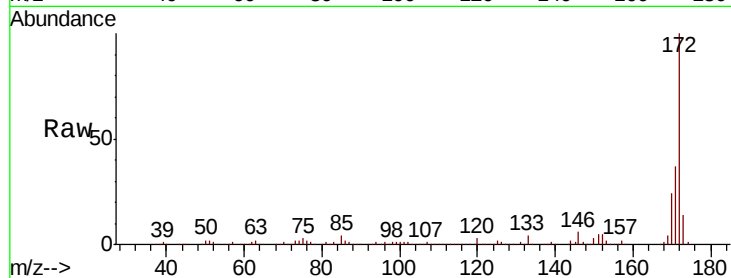




#45
2-Fluorobiphenyl
Concen: 110.871 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042621.D
Acq: 31 Aug 2019 4:19

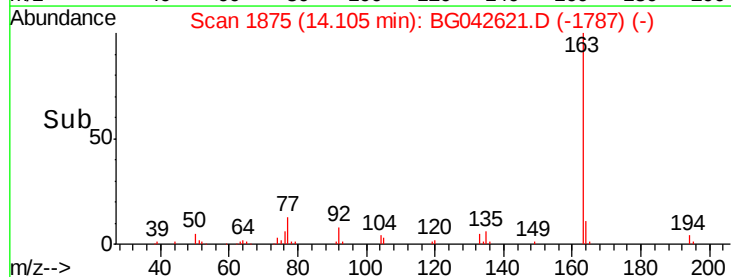
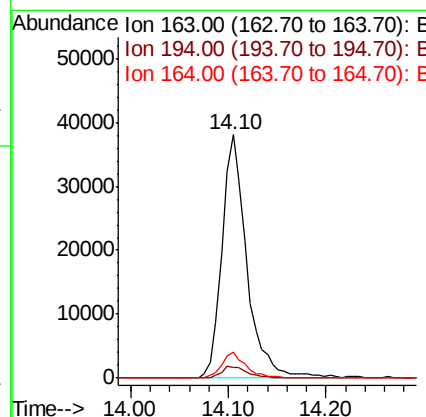
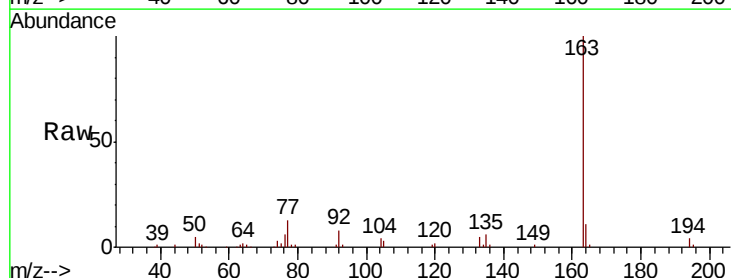
Instrument :
BNA_G
ClientSampled :
SB-3-30-32

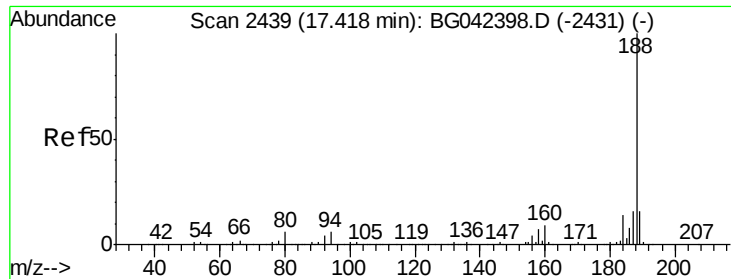
Tot Ion:172 Resp: 646861
Ion Ratio Lower Upper
172 100
171 36.5 30.5 45.7
170 24.1 20.2 30.2



#50
Dimethylphthalate
Concen: 9.437 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042621.D
Acq: 31 Aug 2019 4:19

Tgt Ion:163 Resp: 67190
Ion Ratio Lower Upper
163 100
194 4.4 4.2 6.2
164 10.7 8.8 13.2

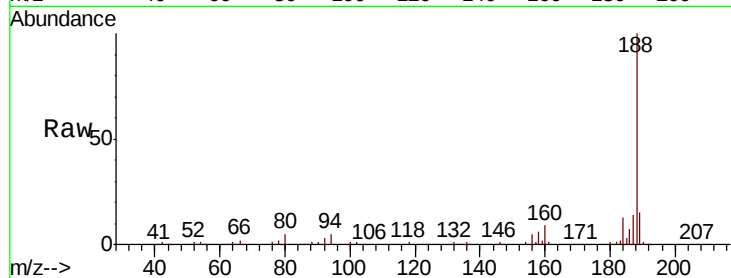




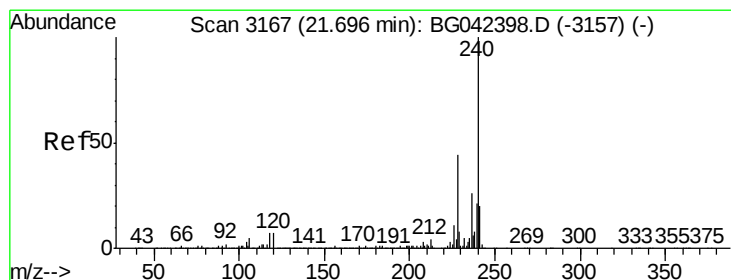
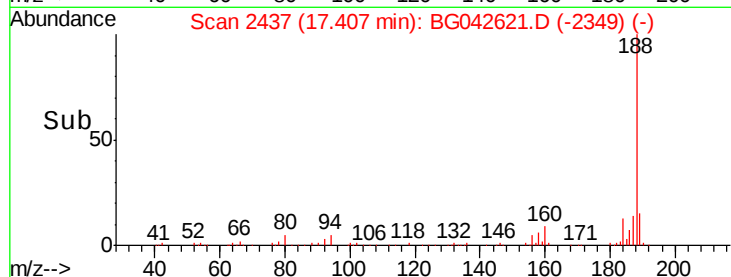
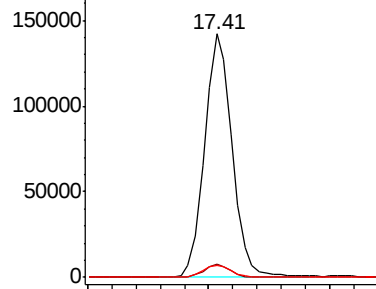
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042621.D
Acq: 31 Aug 2019 4:19

Instrument :
BNA_G
ClientSampled :
SB-3-30-32

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.5	6.7
80	5.1	4.9	7.3

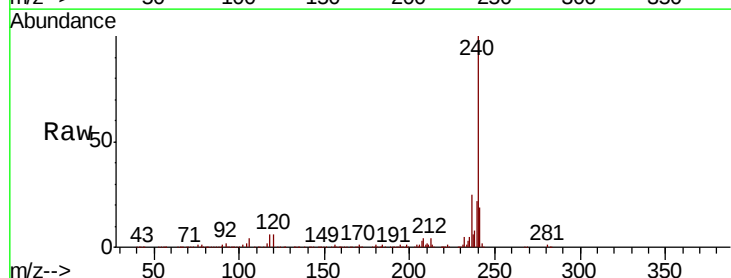


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

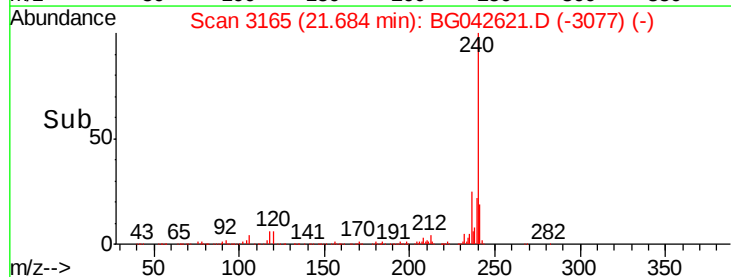
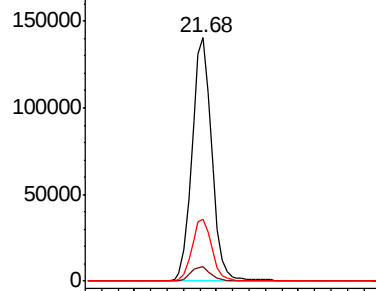


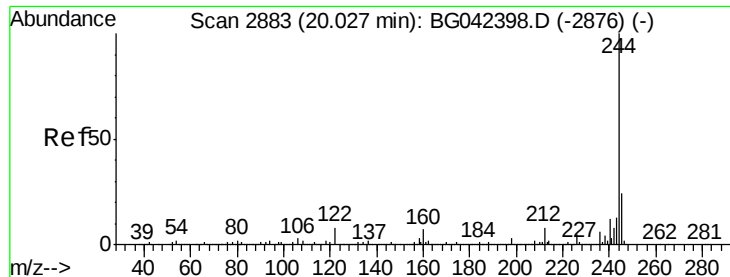
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042621.D
Acq: 31 Aug 2019 4:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.7	8.5
236	25.2	21.0	31.4



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





#79

Terphenyl-d14

Concen: 103.612 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042621.D

Acq: 31 Aug 2019 4:19

Instrument :

BNA_G

ClientSampled :

SB-3-30-32

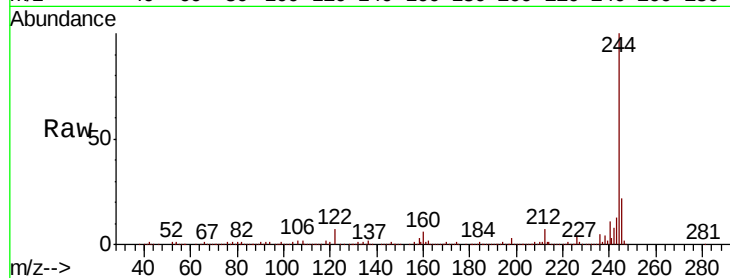
Tot Ion:244 Resp: 1129639

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

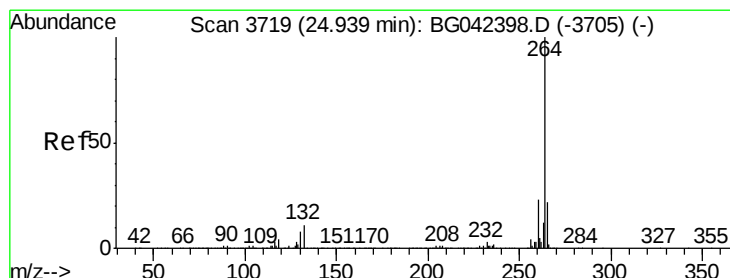
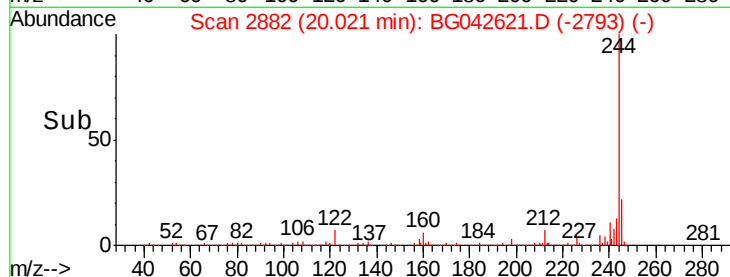
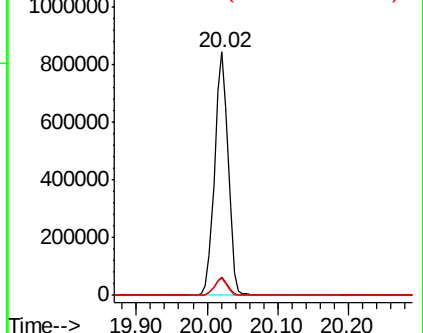
122 7.1 6.7 10.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042621.D

Acq: 31 Aug 2019 4:19

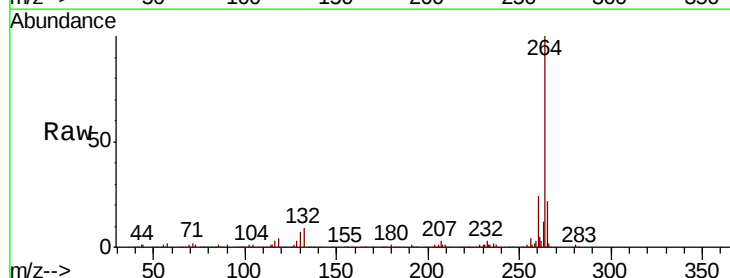
Tgt Ion:264 Resp: 278957

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 22.0 17.6 26.4



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

