

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
 Data File : BG042481.D
 Acq On : 25 Aug 2019 17:04
 Operator : HP/JU
 Sample : K4510-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-43-COMP

Quant Time: Aug 26 08:04:47 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

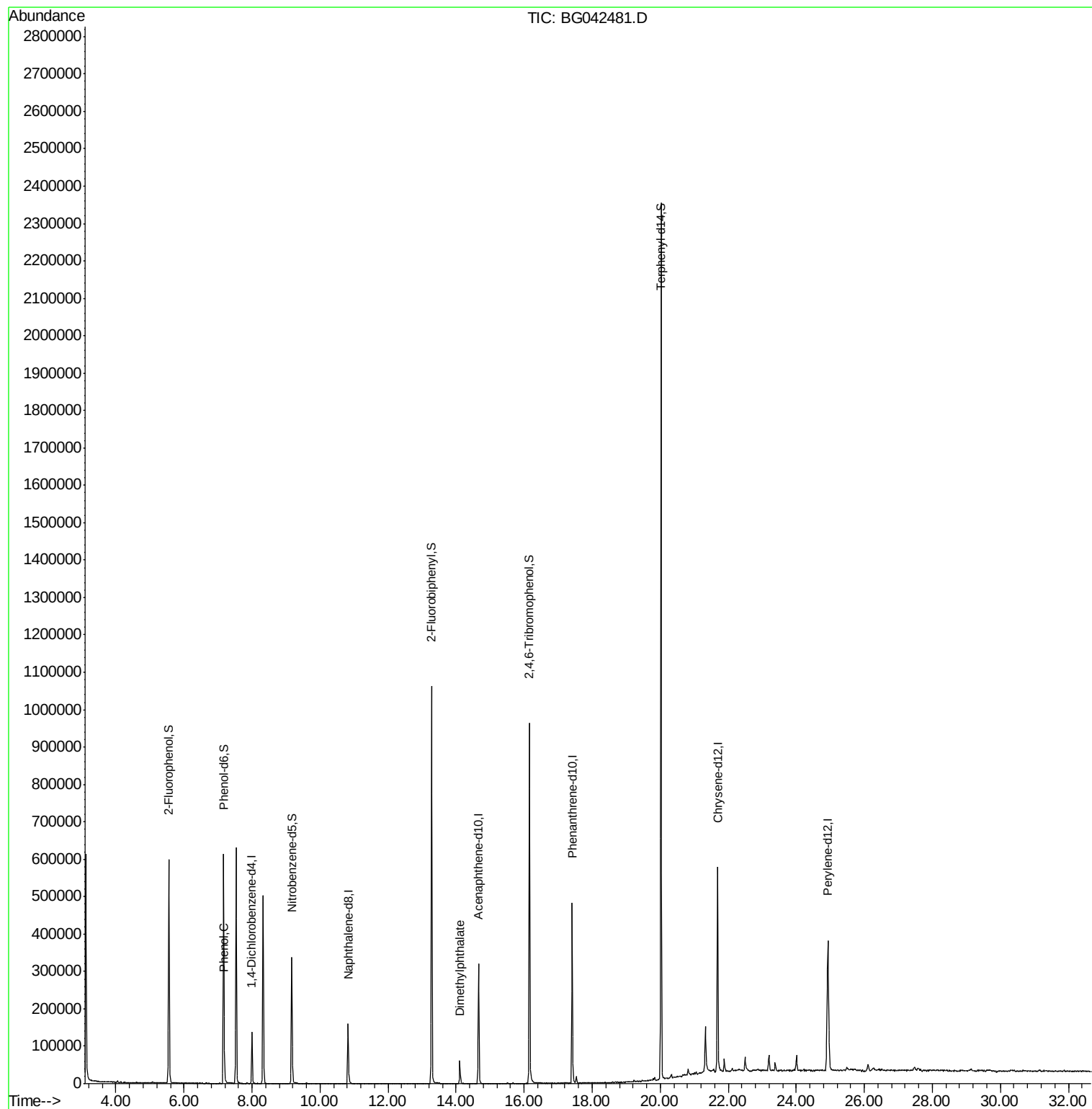
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	45498	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	178617	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	134322	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	336563	20.00	ng	0.00
76) Chrysene-d12	21.69	240	354930	20.00	ng	0.00
87) Perylene-d12	24.93	264	413645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	306130	136.27	ng	0.00
7) Phenol-d6	7.17	99	414235	136.51	ng	0.00
23) Nitrobenzene-d5	9.17	82	230994	89.37	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	247547	129.66	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	658192	82.87	ng	0.00
79) Terphenyl-d14	20.02	244	1246428	75.92	ng	0.00
Target Compounds						
10) Phenol	7.19	94	8181	2.652	ng	# 75
50) Dimethylphthalate	14.11	163	63968	6.600	ng	# 96

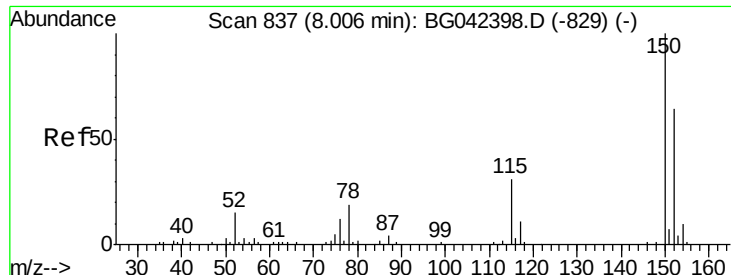
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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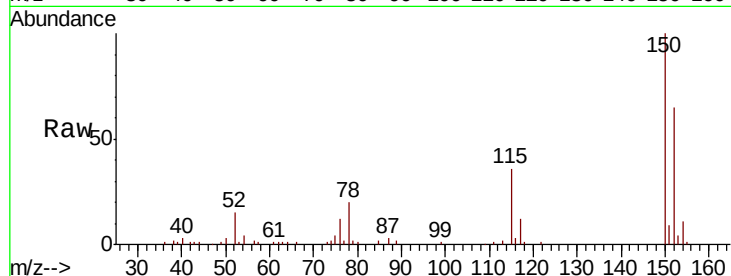


#1

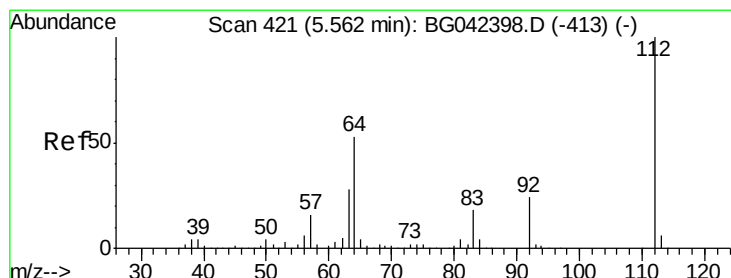
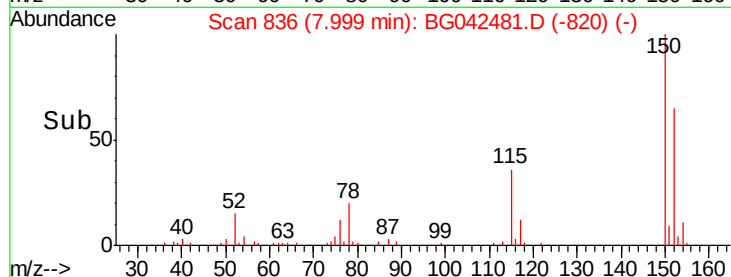
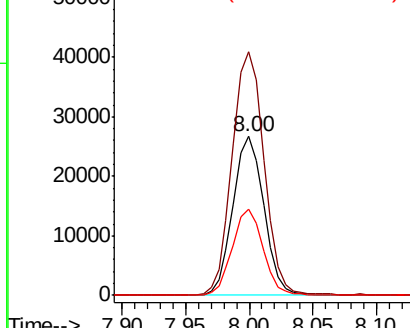
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042481.D
Acq: 25 Aug 2019 17:04

Instrument :
BNA_G
ClientSampleId :
SB-43-COMP

Tot Ion:152 Resp: 45498
Ion Ratio Lower Upper
152 100
150 153.1 125.4 188.0
115 54.5 38.5 57.7



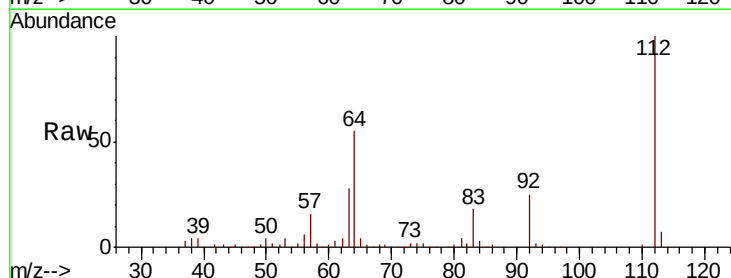
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



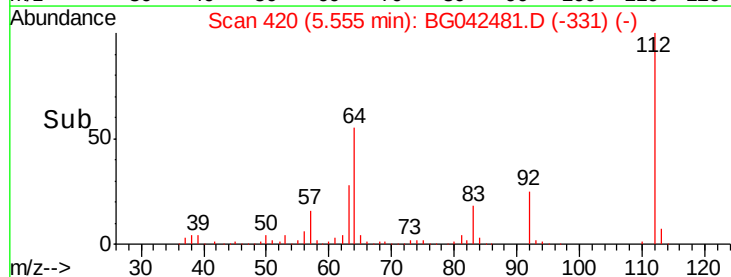
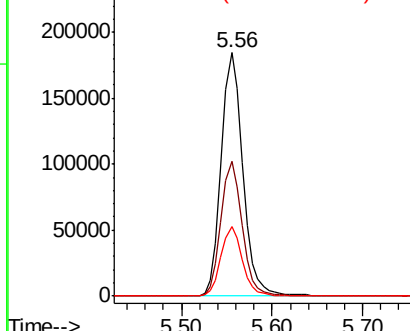
#5

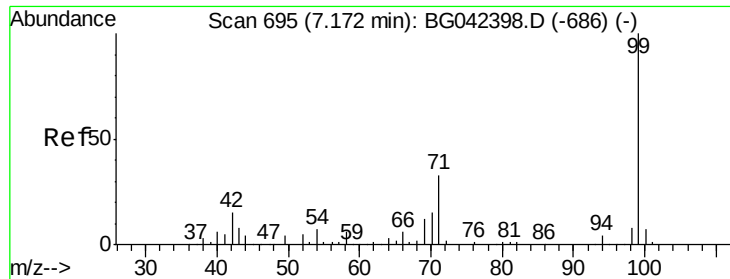
2-Fluorophenol
Concen: 136.270 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042481.D
Acq: 25 Aug 2019 17:04

Tgt Ion:112 Resp: 306130
Ion Ratio Lower Upper
112 100
64 55.4 42.8 64.2
63 28.4 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: 136.508 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042481.D

Acq: 25 Aug 2019 17:04

Instrument :

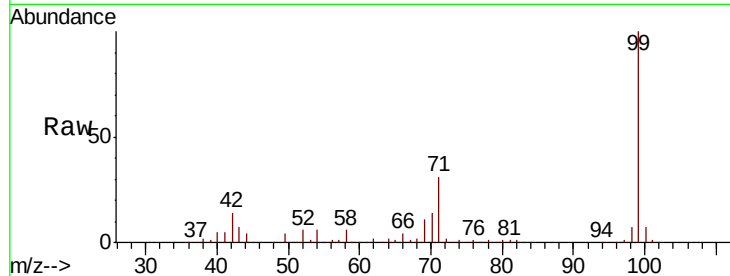
BNA_G

ClientSampleId :

SB-43-COMP

Tot Ion: 99 Resp: 414235

Ion	Ratio	Lower	Upper
99	100		
42	13.9	12.0	18.0
71	31.4	26.3	39.5

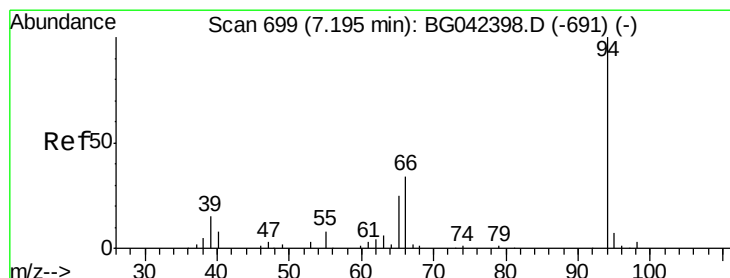
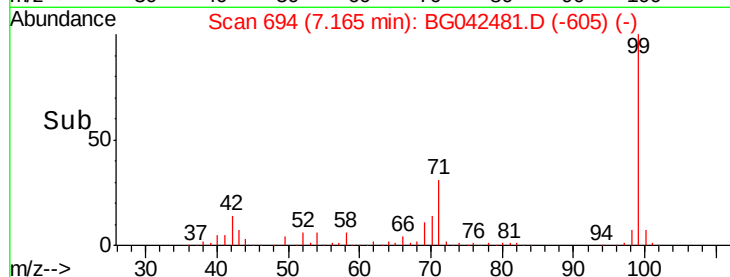
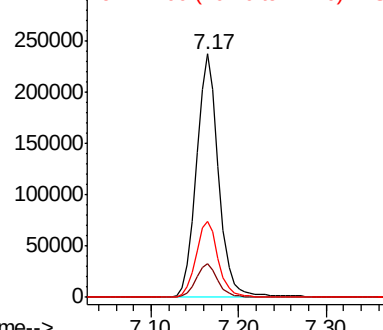


Abundance

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: 2.652 ng

RT: 7.19 min Scan# 698

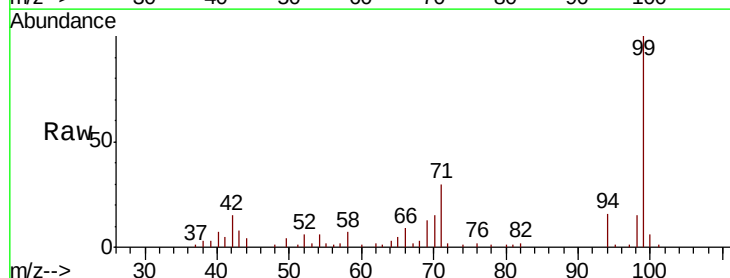
Delta R.T. -0.01 min

Lab File: BG042481.D

Acq: 25 Aug 2019 17:04

Tgt Ion: 94 Resp: 8181

Ion	Ratio	Lower	Upper
94	100		
65	30.6	5.6	45.6
66	57.3	16.0	56.0

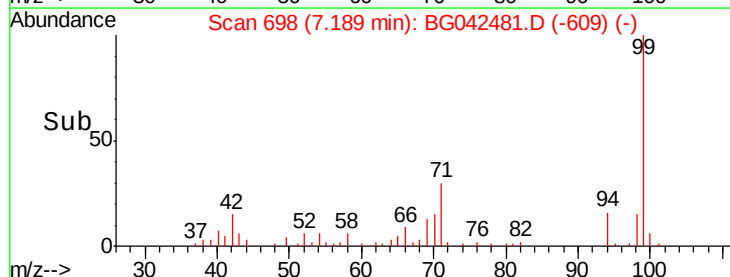
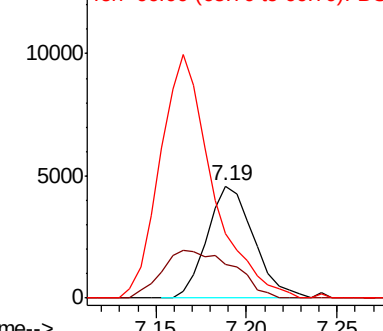


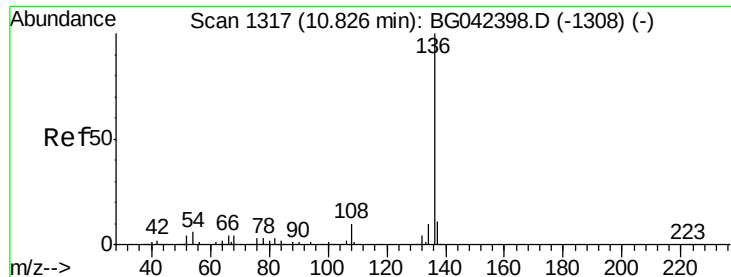
Abundance

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

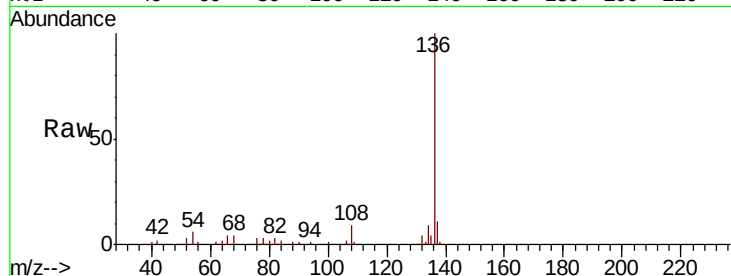




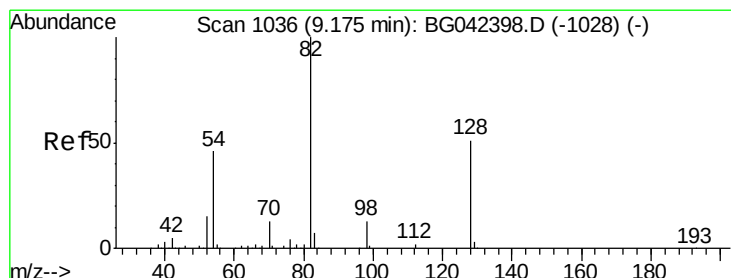
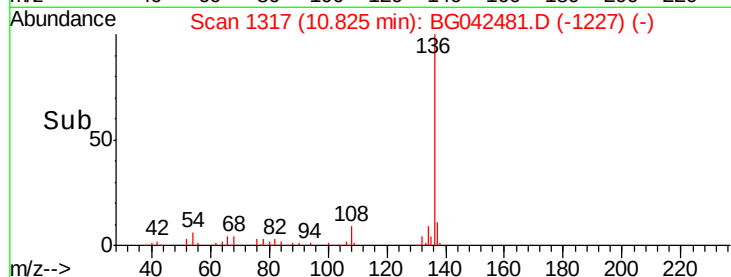
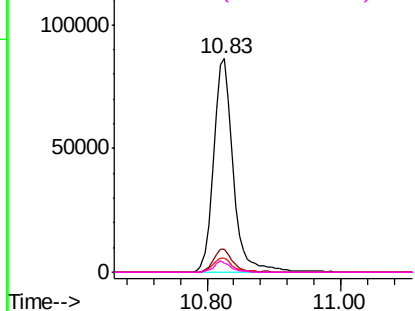
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG042481.D
Acq: 25 Aug 2019 17:04

Instrument :
BNA_G
ClientSampleId :
SB-43-COMP

Tot Ion:136	Resp:	178617
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.7 13.1
54	6.4	4.9 7.3
68	4.5	3.6 5.4

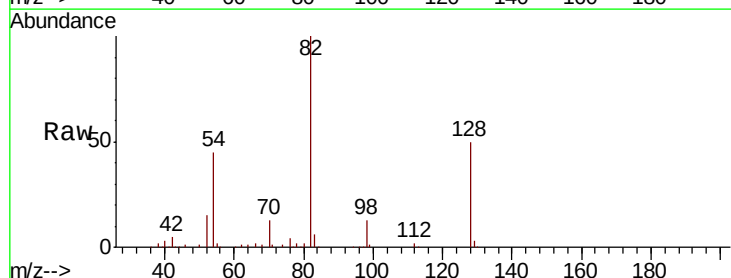


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

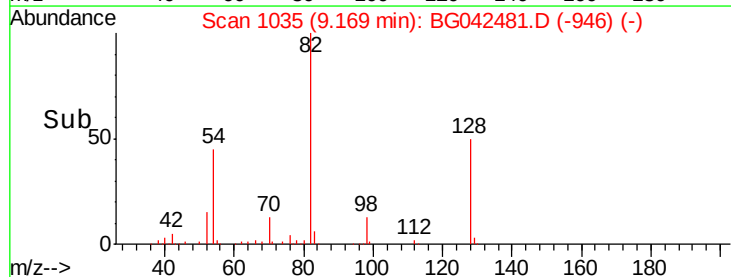
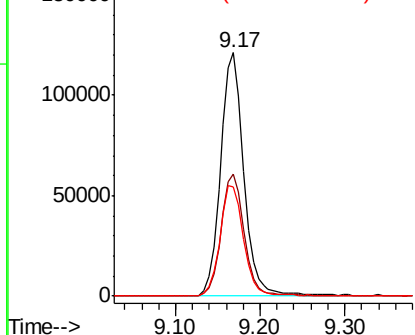


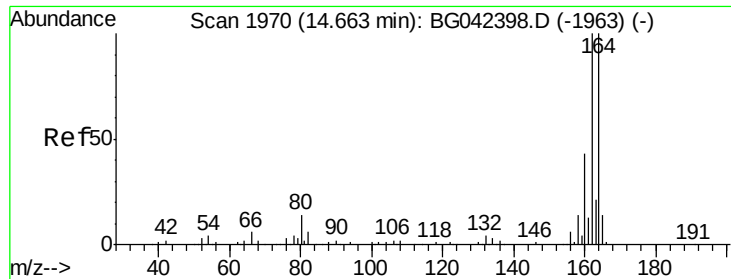
#23
Nitrobenzene-d5
Concen: 89.368 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042481.D
Acq: 25 Aug 2019 17:04

Tgt Ion: 82	Resp:	230994
Ion Ratio	Lower	Upper
82	100	
128	50.1	40.7 61.1
54	44.6	36.3 54.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042481.D

Acq: 25 Aug 2019 17:04

Instrument :

BNA_G

ClientSampleId :

SB-43-COMP

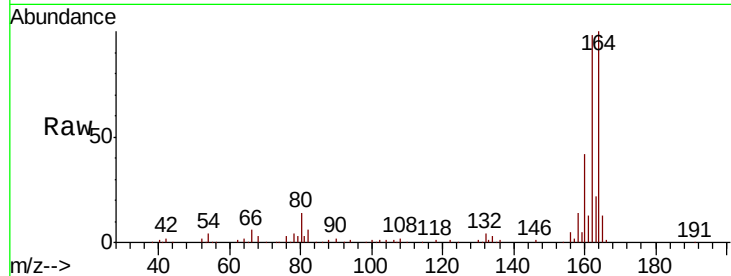
Tot Ion:164 Resp: 134322

Ion Ratio Lower Upper

164 100

162 97.7 79.9 119.9

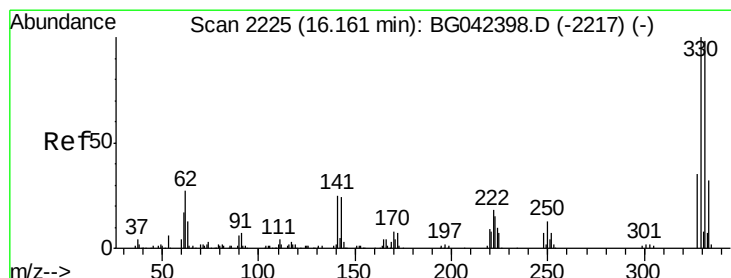
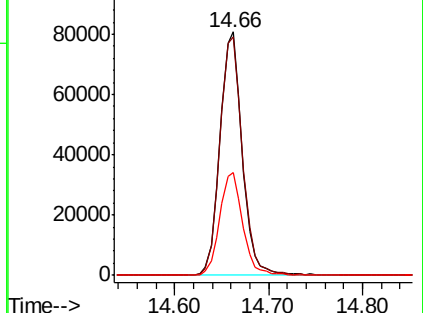
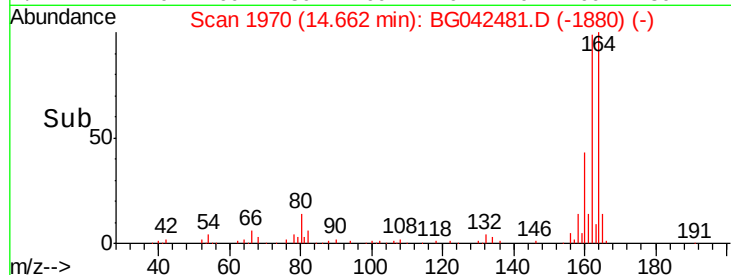
160 42.4 34.3 51.5



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: 129.662 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042481.D

Acq: 25 Aug 2019 17:04

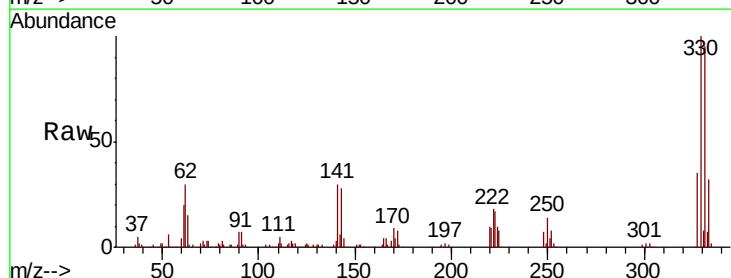
Tgt Ion:330 Resp: 247547

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

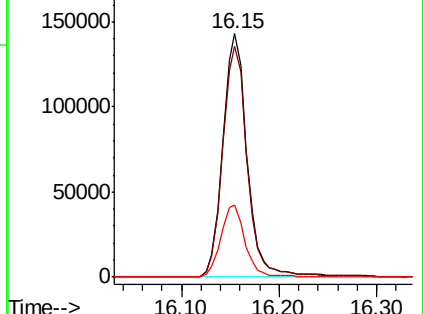
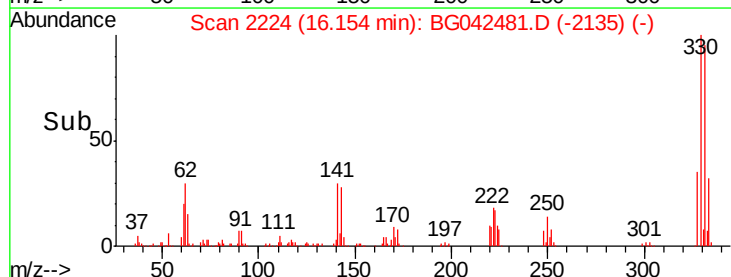
141 29.8 21.4 32.0

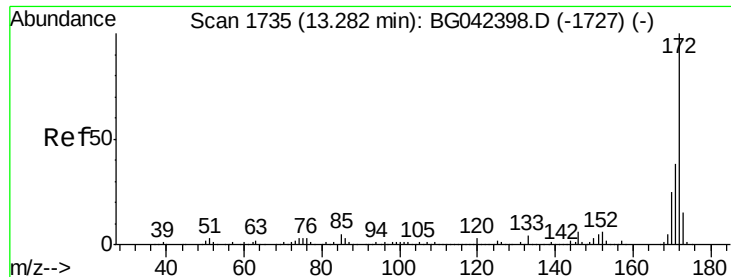


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

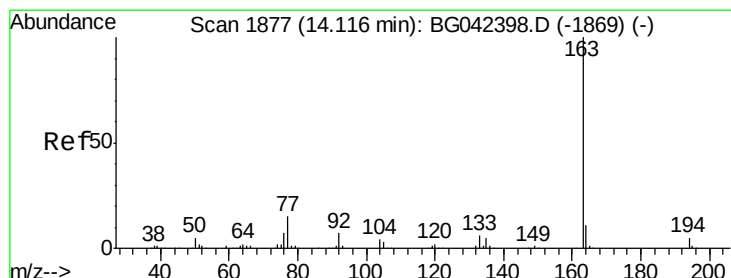
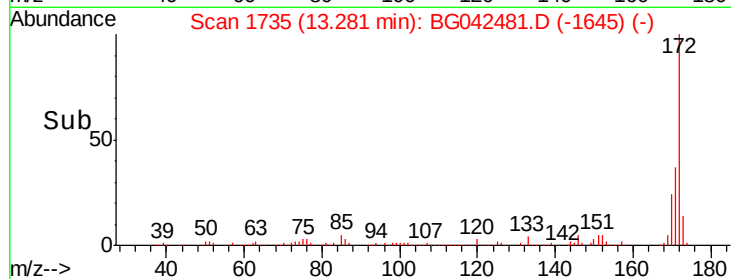
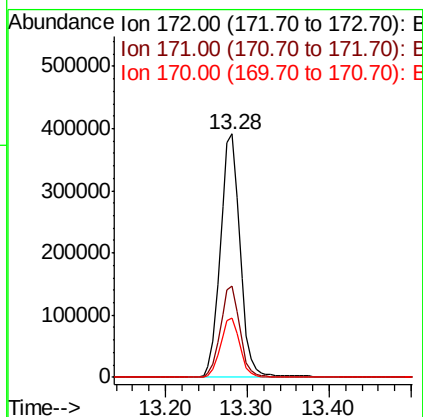
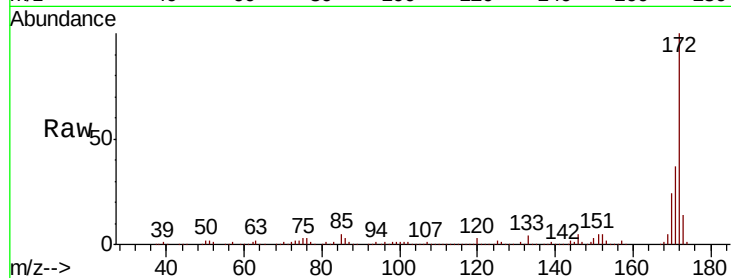




#45
2-Fluorobiphenyl
Concen: 82.875 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042481.D
Acq: 25 Aug 2019 17:04

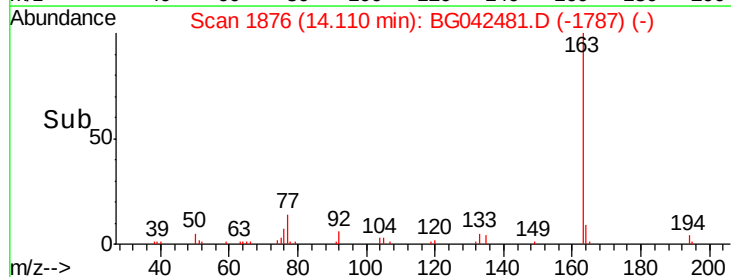
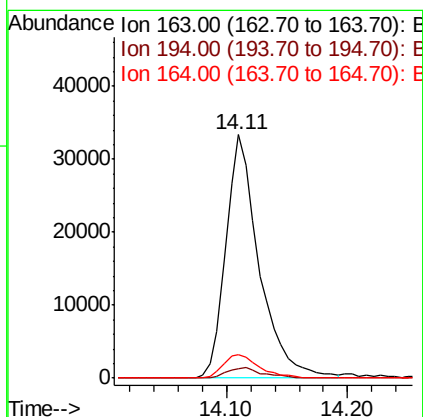
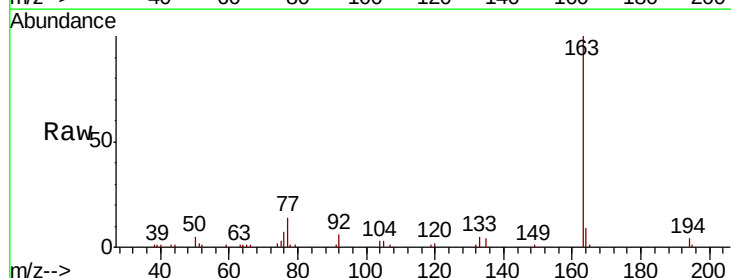
Instrument :
BNA_G
ClientSampleId :
SB-43-COMP

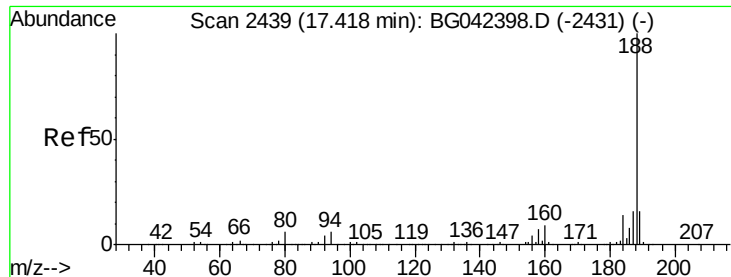
Tot Ion:172 Resp: 658192
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 24.1 20.2 30.2



#50
Dimethylphthalate
Concen: 6.600 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042481.D
Acq: 25 Aug 2019 17:04

Tgt Ion:163 Resp: 63968
Ion Ratio Lower Upper
163 100
194 4.1 4.2 6.2#
164 9.5 8.8 13.2

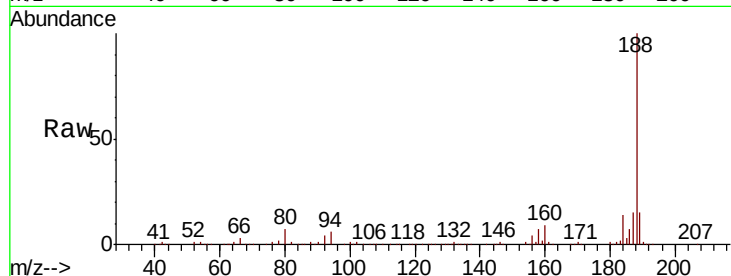




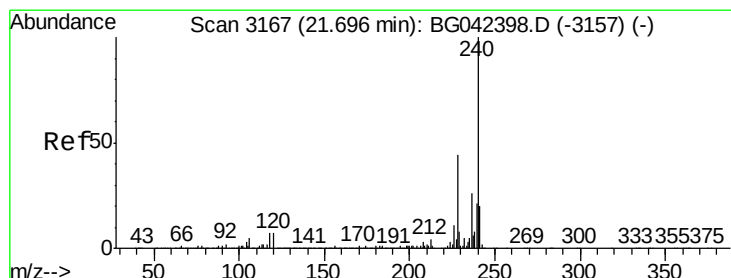
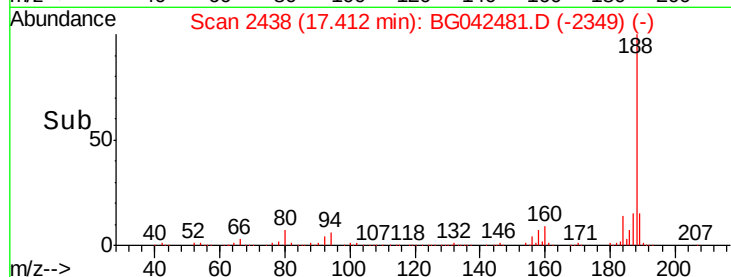
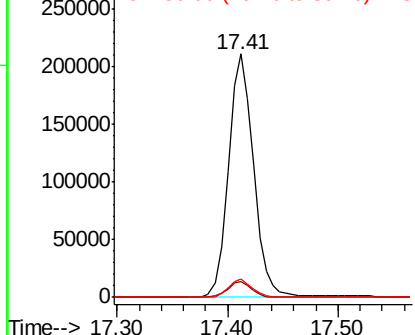
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042481.D
Acq: 25 Aug 2019 17:04

Instrument :
BNA_G
ClientSampleId :
SB-43-COMP

Tot Ion:188 Resp: 336563
Ion Ratio Lower Upper
188 100
94 6.4 4.5 6.7
80 7.3 4.9 7.3#

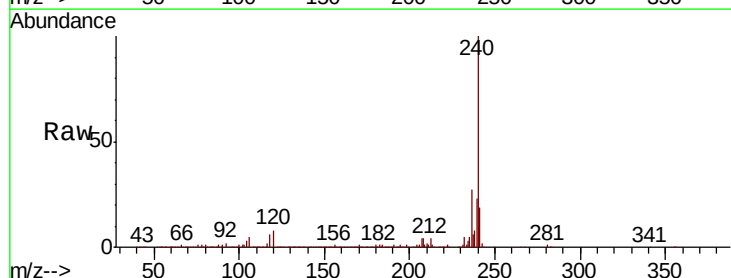


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

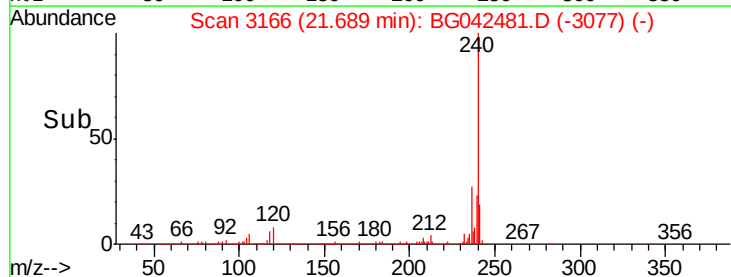
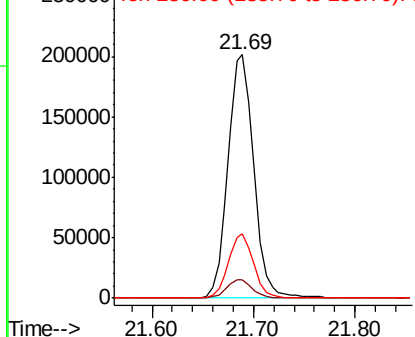


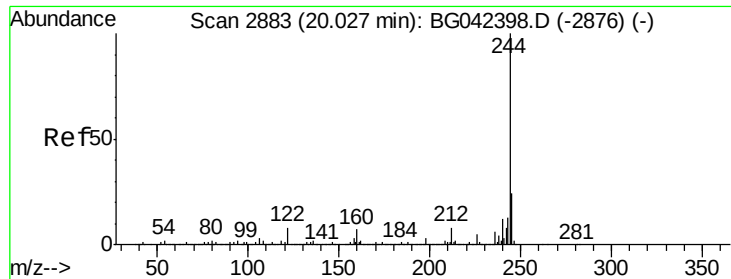
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042481.D
Acq: 25 Aug 2019 17:04

Tgt Ion:240 Resp: 354930
Ion Ratio Lower Upper
240 100
120 7.5 5.7 8.5
236 26.7 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: 75.921 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042481.D

Acq: 25 Aug 2019 17:04

Instrument :

BNA_G

ClientSampleId :

SB-43-COMP

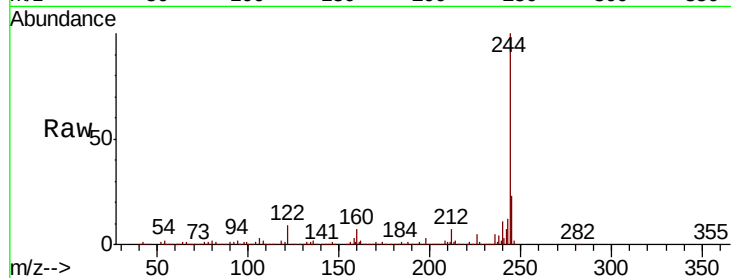
Tot Ion:244 Resp: 1246428

Ion Ratio Lower Upper

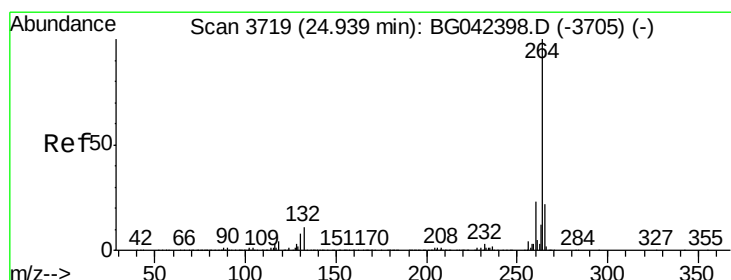
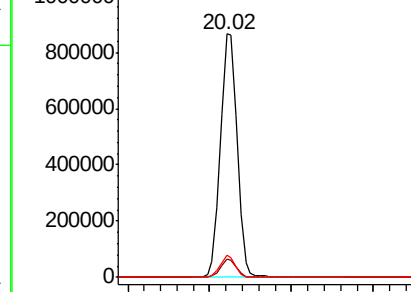
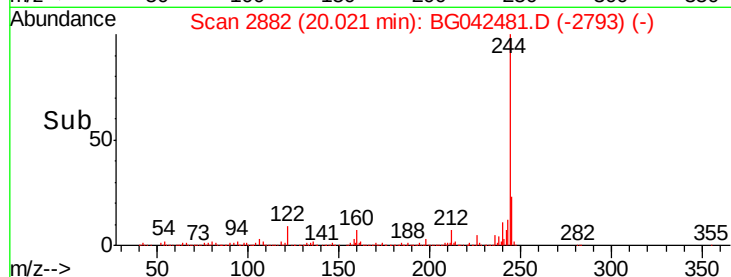
244 100

212 7.5 6.0 9.0

122 8.9 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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042481.D

Acq: 25 Aug 2019 17:04

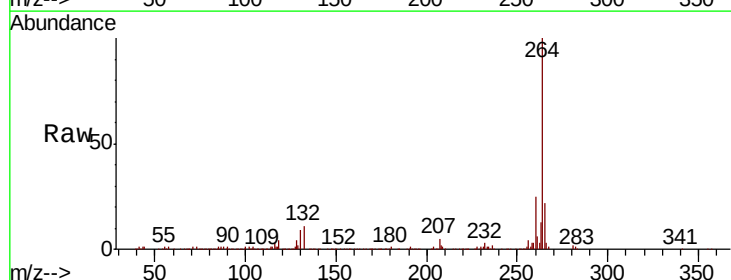
Tgt Ion:264 Resp: 413645

Ion Ratio Lower Upper

264 100

260 24.9 18.5 27.7

265 22.3 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

