

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
 Data File : BG042513.D
 Acq On : 27 Aug 2019 20:47
 Operator : HP/JU
 Sample : K4371-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-222

Quant Time: Aug 28 11:32:53 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

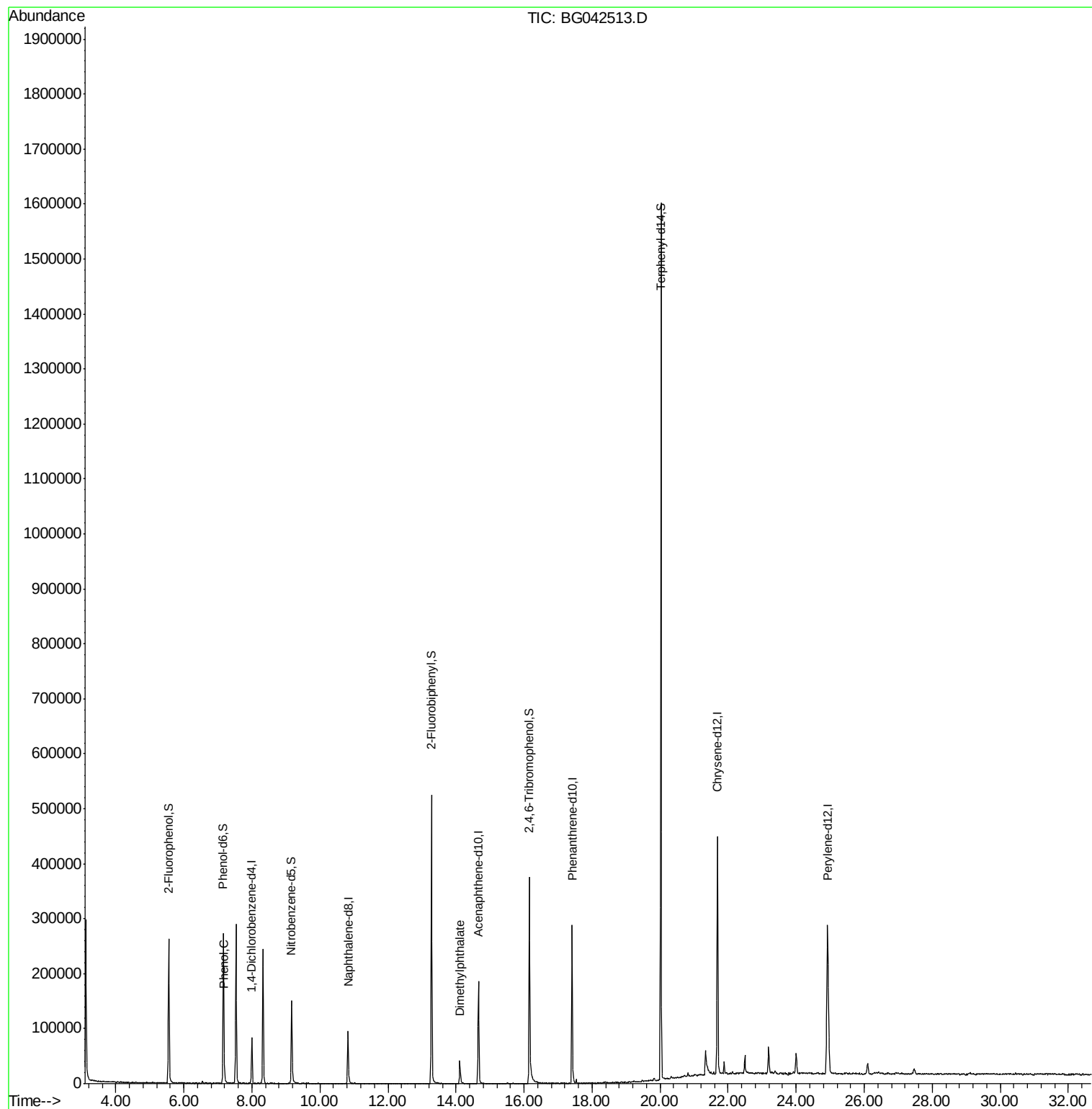
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	27369	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	108343	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	83852	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	217587	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	296478	20.00	ng	-0.01
87) Perylene-d12	24.92	264	341351	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	144978	107.28	ng	-0.01
7) Phenol-d6	7.16	99	192889	105.67	ng	-0.01
23) Nitrobenzene-d5	9.16	82	109338	69.74	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	120985	101.51	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	344071	69.40	ng	0.00
79) Terphenyl-d14	20.02	244	864023	63.00	ng	0.00
Target Compounds						
10) Phenol	7.18	94	5552	2.991	ng	Qvalue # 55
50) Dimethylphthalate	14.11	163	53554	8.852	ng	98

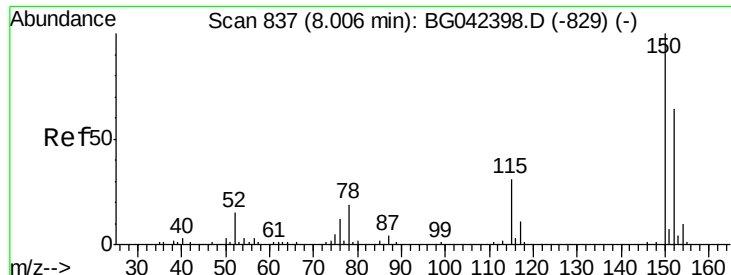
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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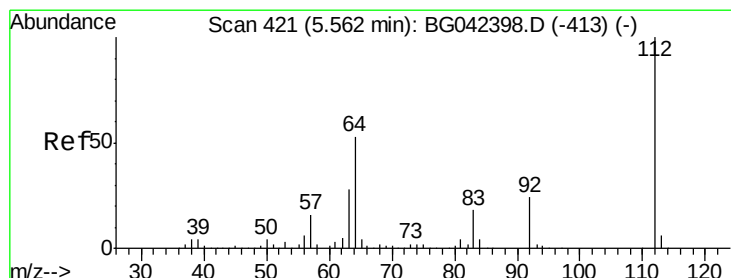
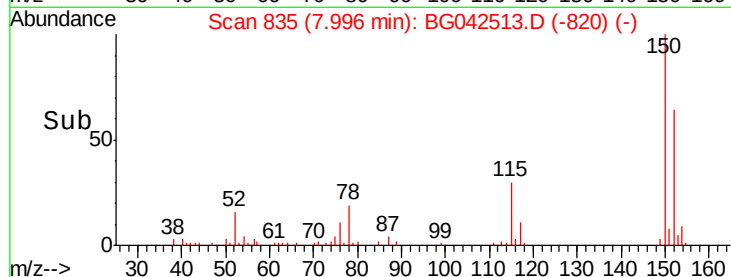
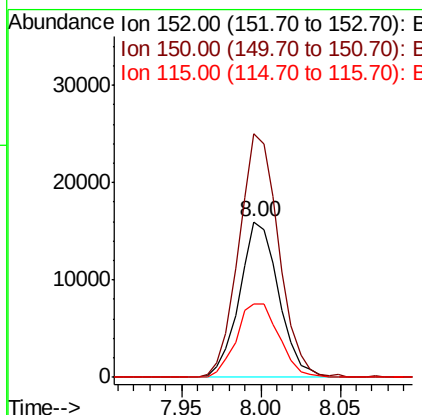
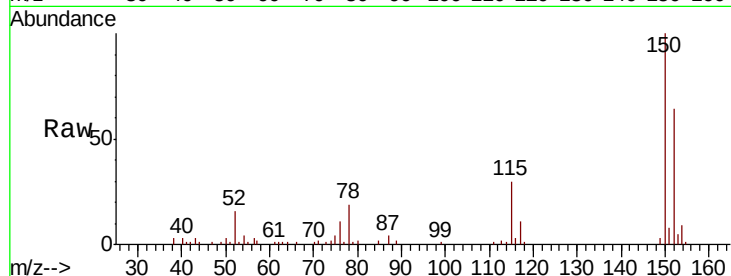


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042513.D
Acq: 27 Aug 2019 20:47

Instrument :
BNA_G
ClientSampleId :
VNJ-222

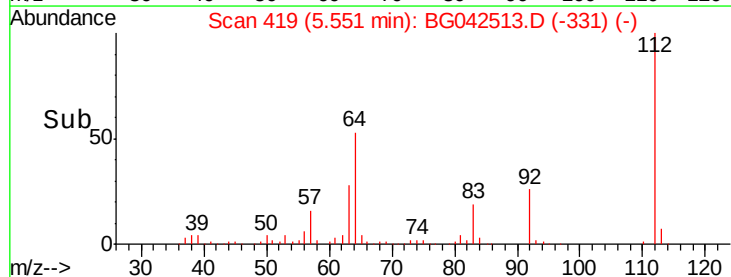
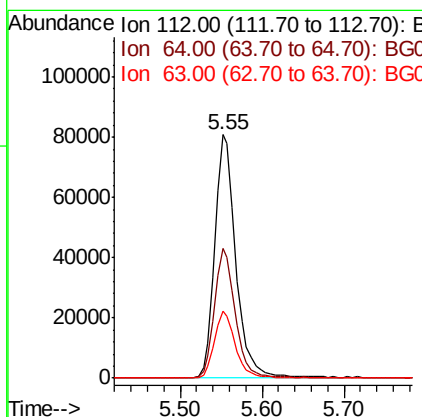
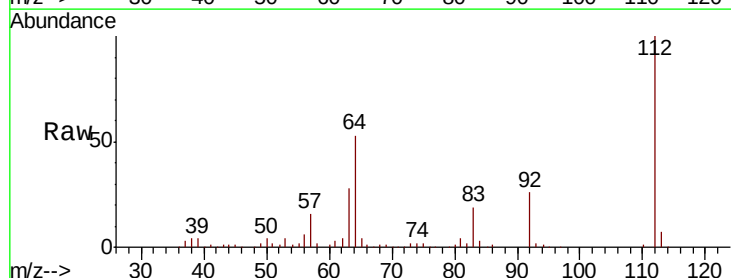
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.4	188.0
115	47.2	38.5	57.7

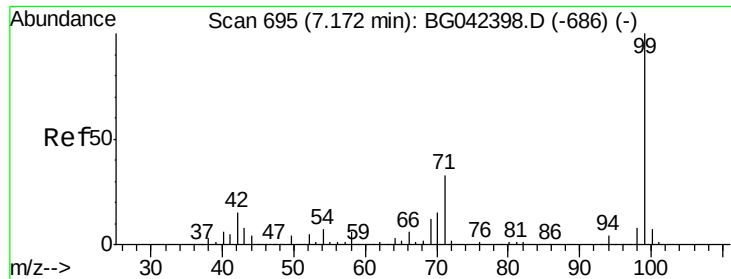


#5

2-Fluorophenol
Concen: 107.283 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042513.D
Acq: 27 Aug 2019 20:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.8	64.2
63	27.6	22.7	34.1





#7

Phenol-d6

Concen: 105.670 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042513.D

Acq: 27 Aug 2019 20:47

Instrument :

BNA_G

ClientSampled :

VNJ-222

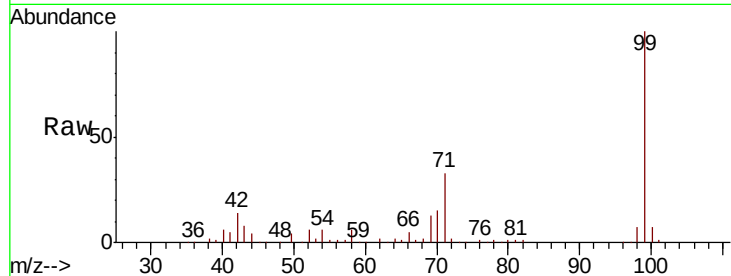
Tot Ion: 99 Resp: 192889

Ion Ratio Lower Upper

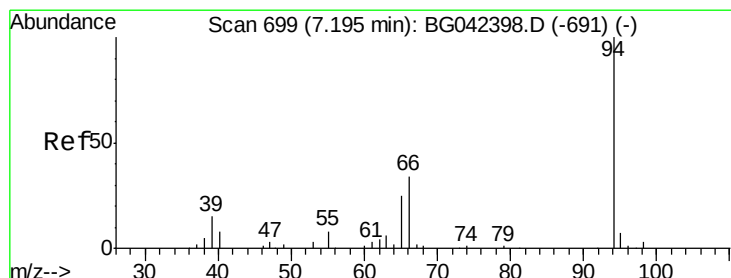
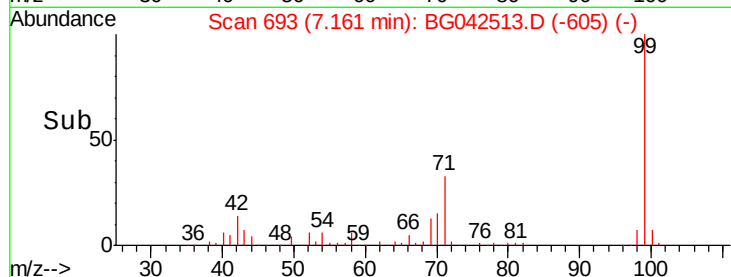
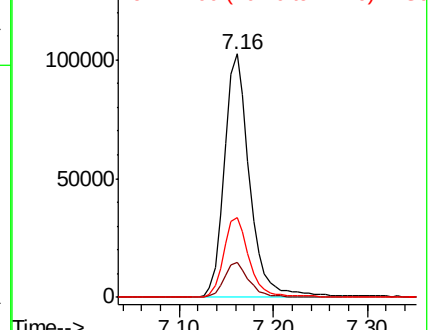
99 100

42 14.4 12.0 18.0

71 32.7 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: 2.991 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042513.D

Acq: 27 Aug 2019 20:47

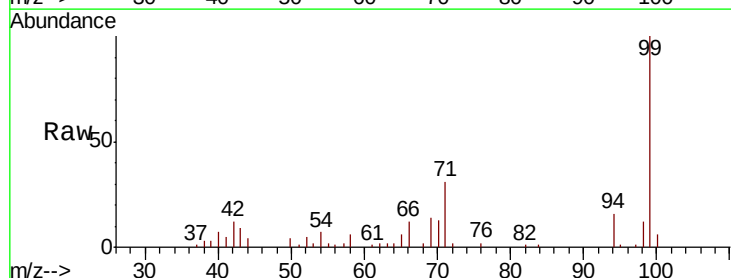
Tgt Ion: 94 Resp: 5552

Ion Ratio Lower Upper

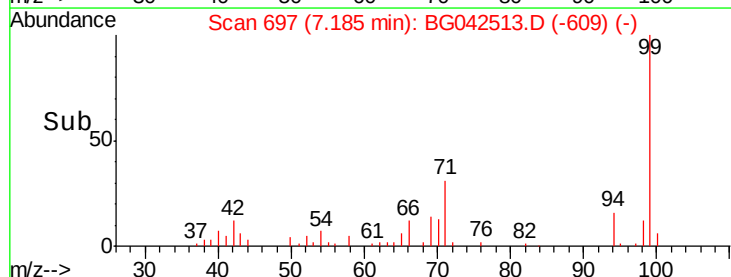
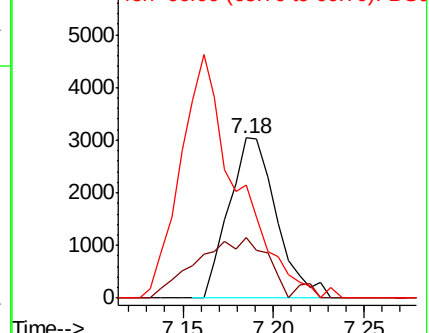
94 100

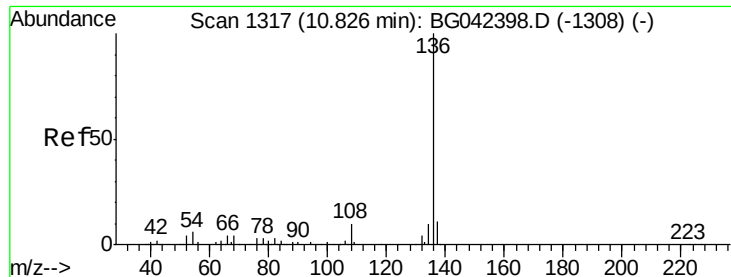
65 37.8 5.6 45.6

66 70.8 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

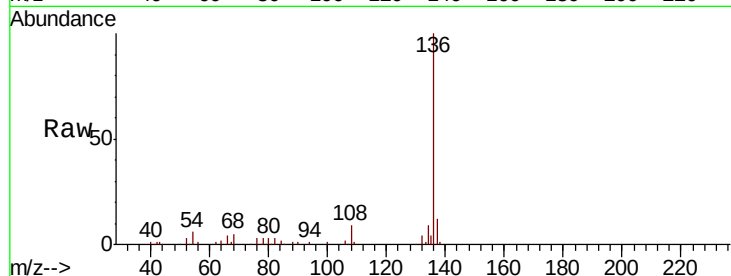




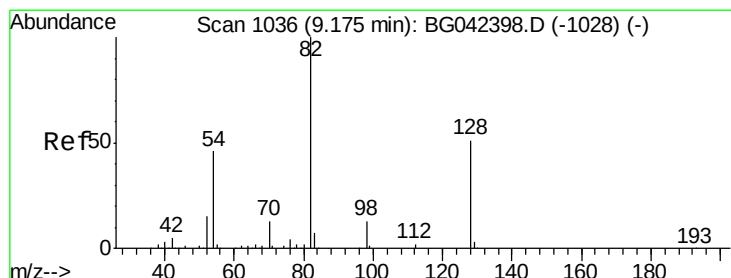
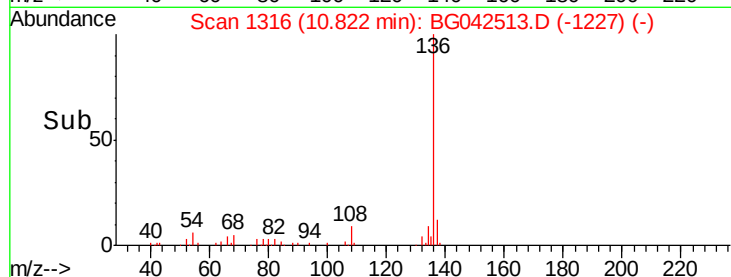
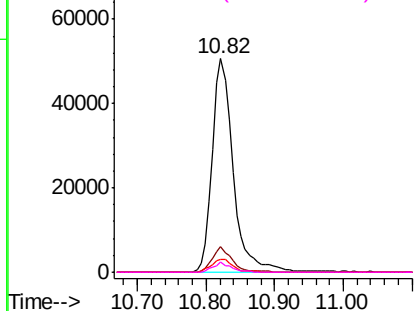
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042513.D
Acq: 27 Aug 2019 20:47

Instrument :
BNA_G
ClientSampleId :
VNJ-222

Tot Ion:136	Resp:	108343	
Ion Ratio	Lower	Upper	
136 100			
137 12.3	8.7	13.1	
54 5.8	4.9	7.3	
68 4.9	3.6	5.4	

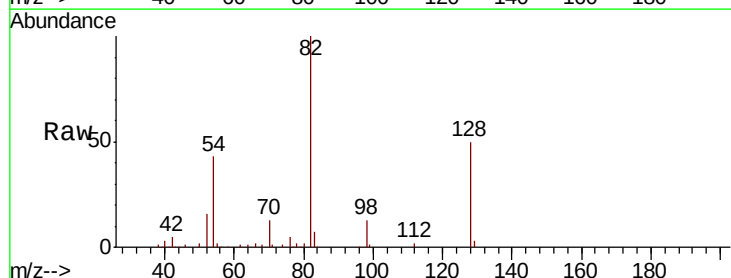


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

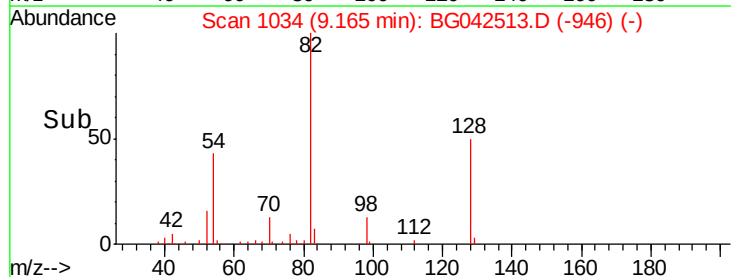
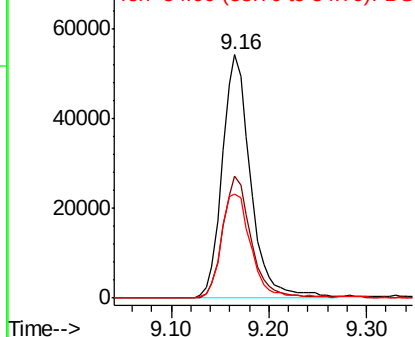


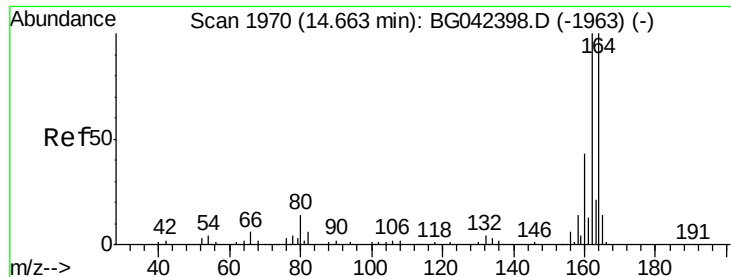
#23
Nitrobenzene-d5
Concen: 69.739 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042513.D
Acq: 27 Aug 2019 20:47

Tgt Ion: 82	Resp: 109338
Ion Ratio	Lower Upper
82 100	
128 50.1	40.7 61.1
54 43.0	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# 1969

Delta R.T. -0.00 min

Lab File: BG042513.D

Acq: 27 Aug 2019 20:47

Instrument :

BNA_G

ClientSampleId :

VNJ-222

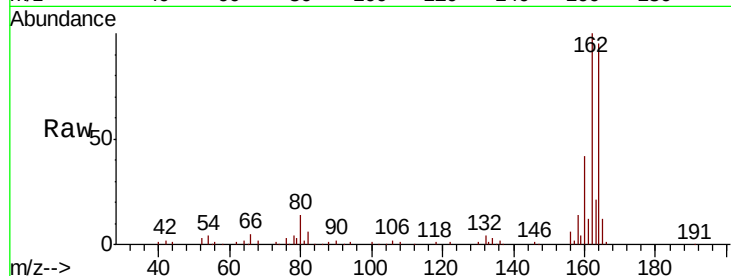
Tot Ion:164 Resp: 83852

Ion Ratio Lower Upper

164 100

162 104.9 79.9 119.9

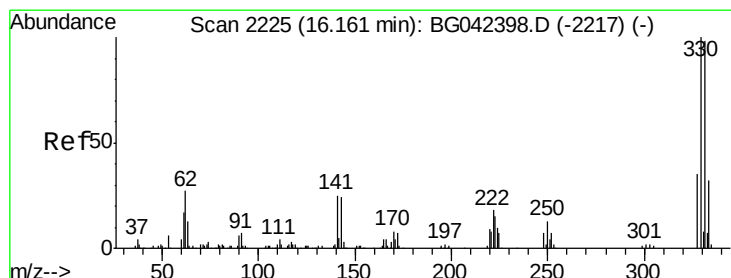
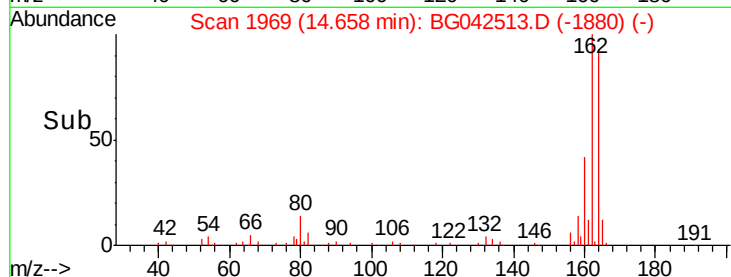
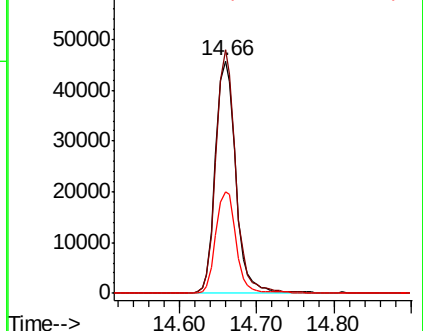
160 43.6 34.3 51.5



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: 101.513 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042513.D

Acq: 27 Aug 2019 20:47

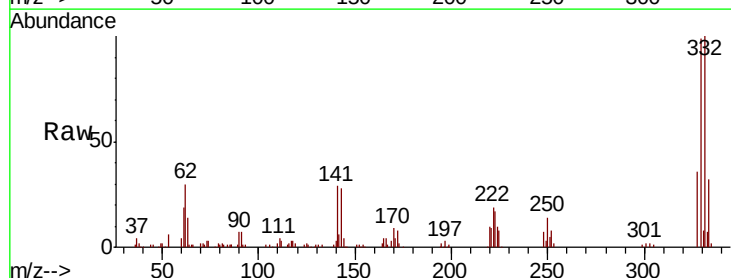
Tgt Ion:330 Resp: 120985

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

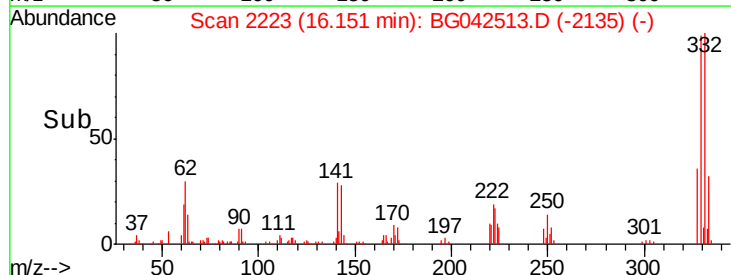
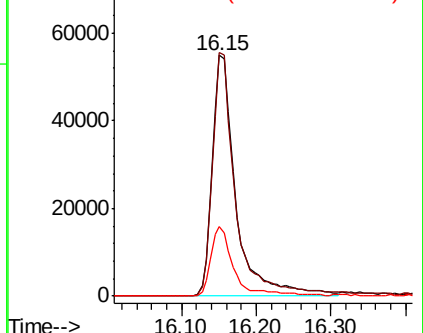
141 28.3 21.4 32.0

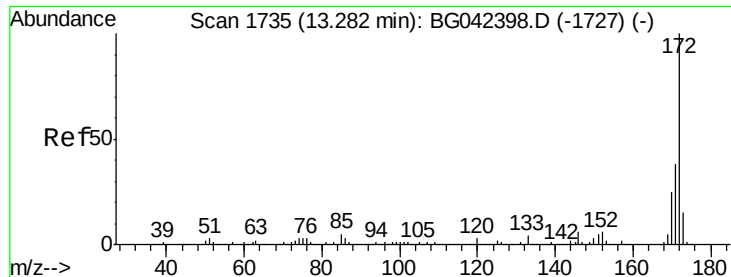


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

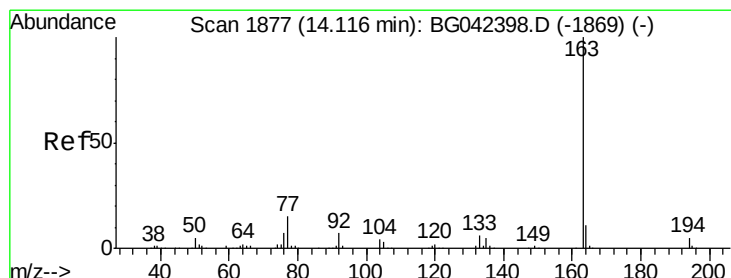
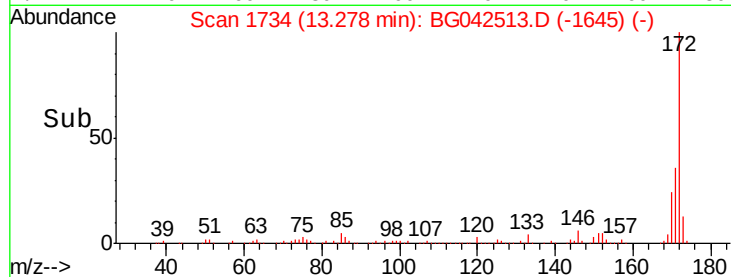
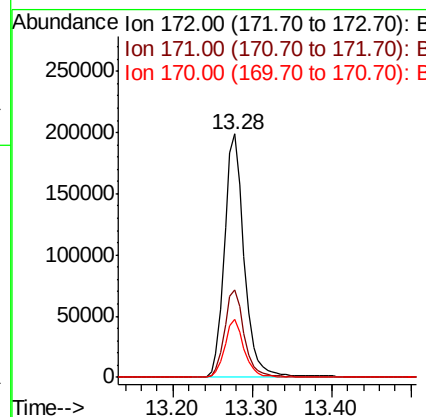
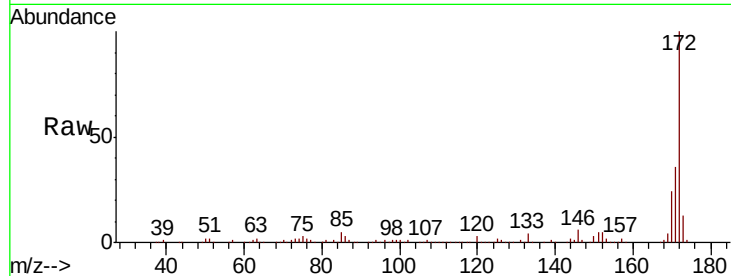




#45
2-Fluorobiphenyl
Concen: 69.399 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042513.D
Acq: 27 Aug 2019 20:47

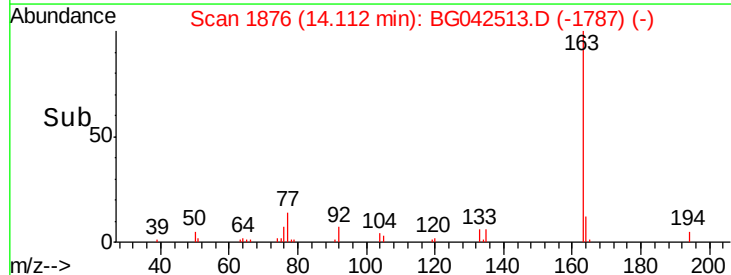
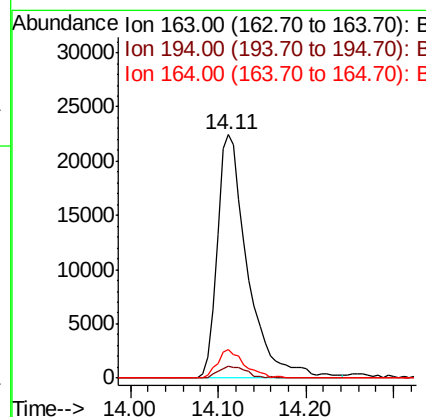
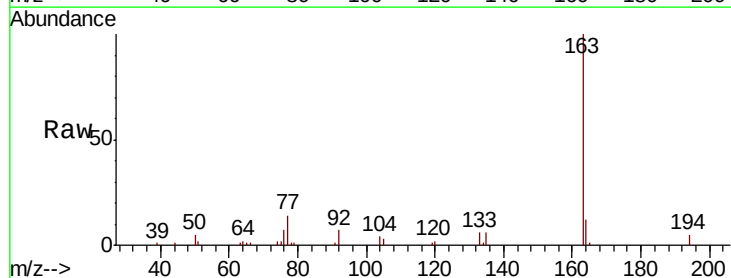
Instrument :
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VNJ-222

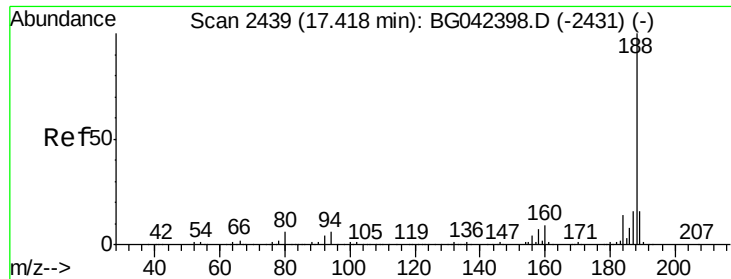
Tot Ion:172 Resp: 344071
Ion Ratio Lower Upper
172 100
171 36.0 30.5 45.7
170 24.0 20.2 30.2



#50
Dimethylphthalate
Concen: 8.852 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG042513.D
Acq: 27 Aug 2019 20:47

Tgt Ion:163 Resp: 53554
Ion Ratio Lower Upper
163 100
194 4.9 4.2 6.2
164 11.7 8.8 13.2

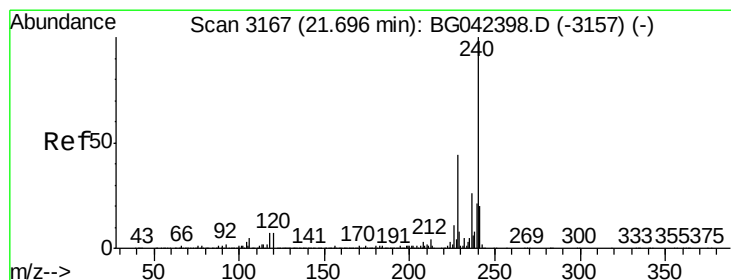
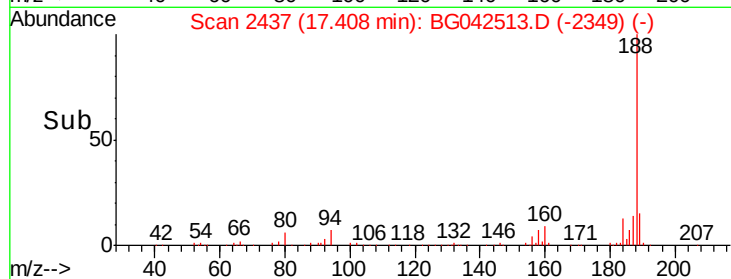
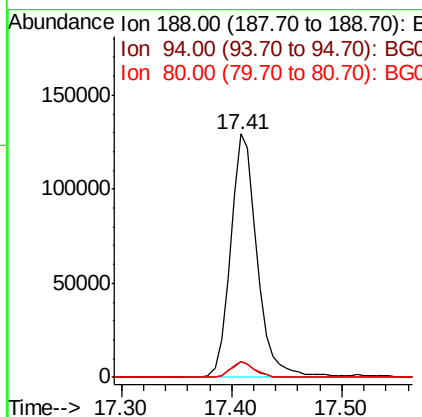
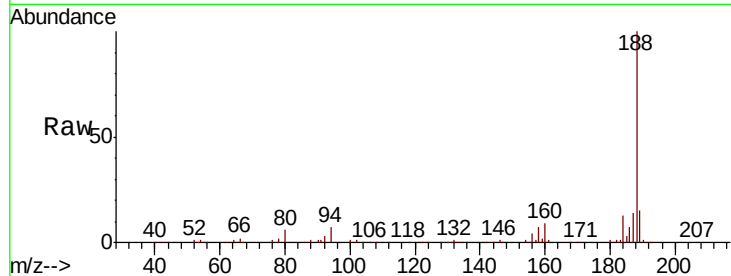




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042513.D
Acq: 27 Aug 2019 20:47

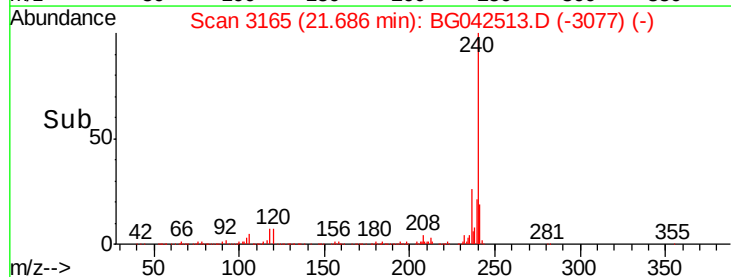
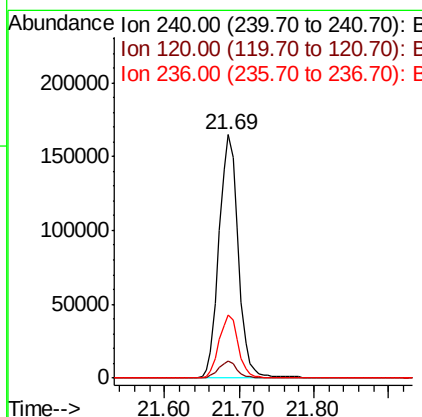
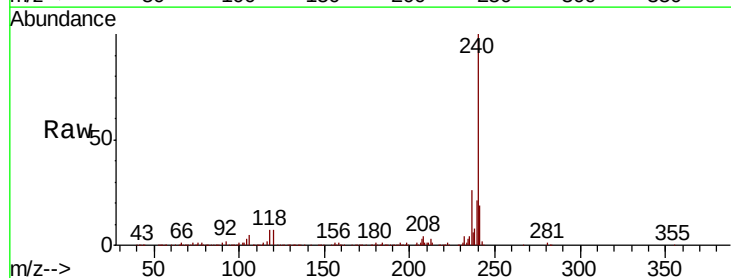
Instrument :
BNA_G
ClientSampleId :
VNJ-222

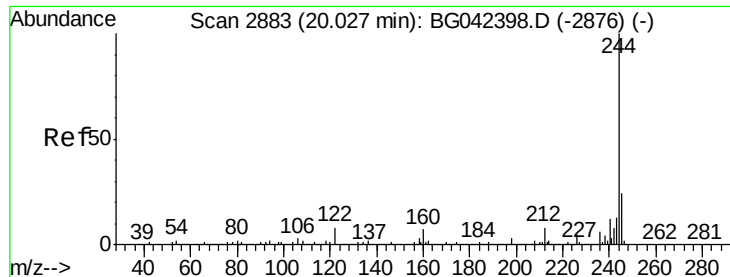
Tot Ion:188 Resp: 217587
Ion Ratio Lower Upper
188 100
94 6.5 4.5 6.7
80 6.4 4.9 7.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042513.D
Acq: 27 Aug 2019 20:47

Tgt Ion:240 Resp: 296478
Ion Ratio Lower Upper
240 100
120 6.8 5.7 8.5
236 26.2 21.0 31.4





#79

Terphenyl-d14

Concen: 63.005 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042513.D

Acq: 27 Aug 2019 20:47

Instrument :

BNA_G

ClientSampleId :

VNJ-222

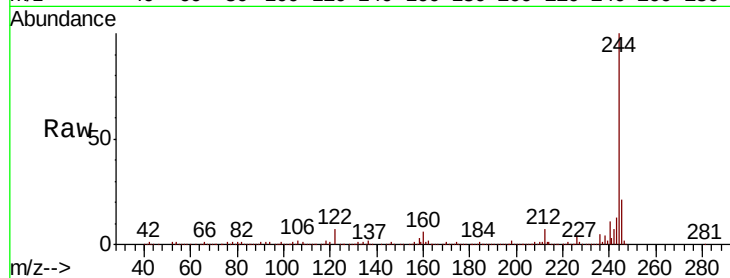
Tot Ion:244 Resp: 864023

Ion Ratio Lower Upper

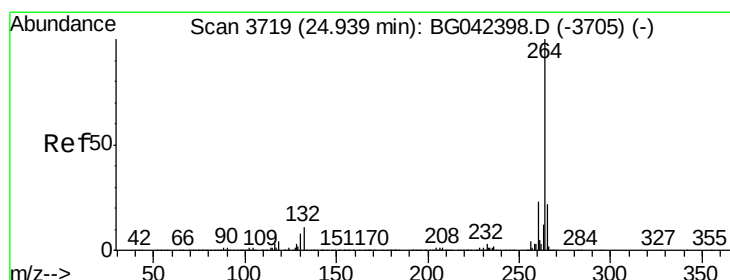
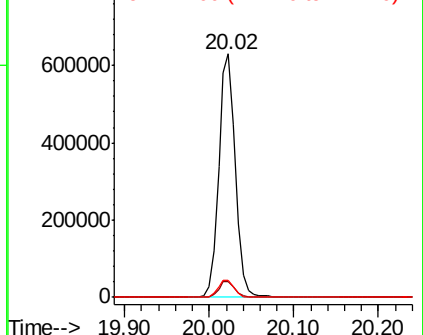
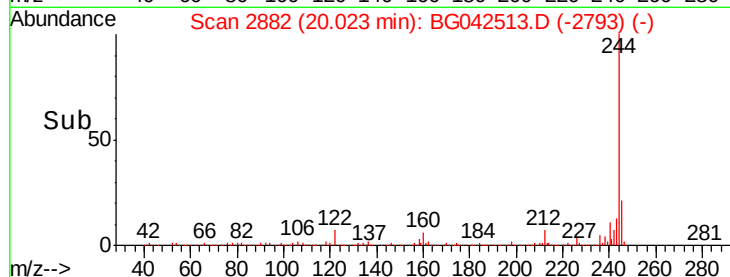
244 100

212 6.7 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: BG042513.D

Acq: 27 Aug 2019 20:47

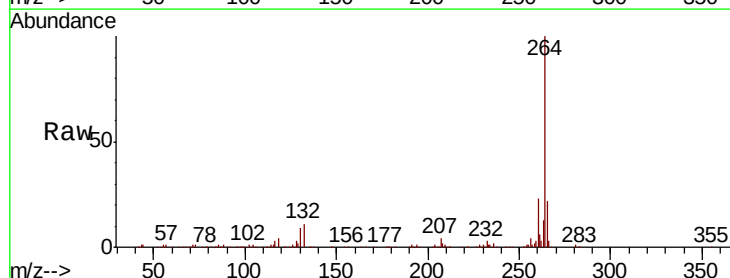
Tgt Ion:264 Resp: 341351

Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 21.5 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

