

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG082819\
 Data File : BG042539.D
 Acq On : 28 Aug 2019 19:18
 Operator : HP/JU
 Sample : K4571-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 07:24:37 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

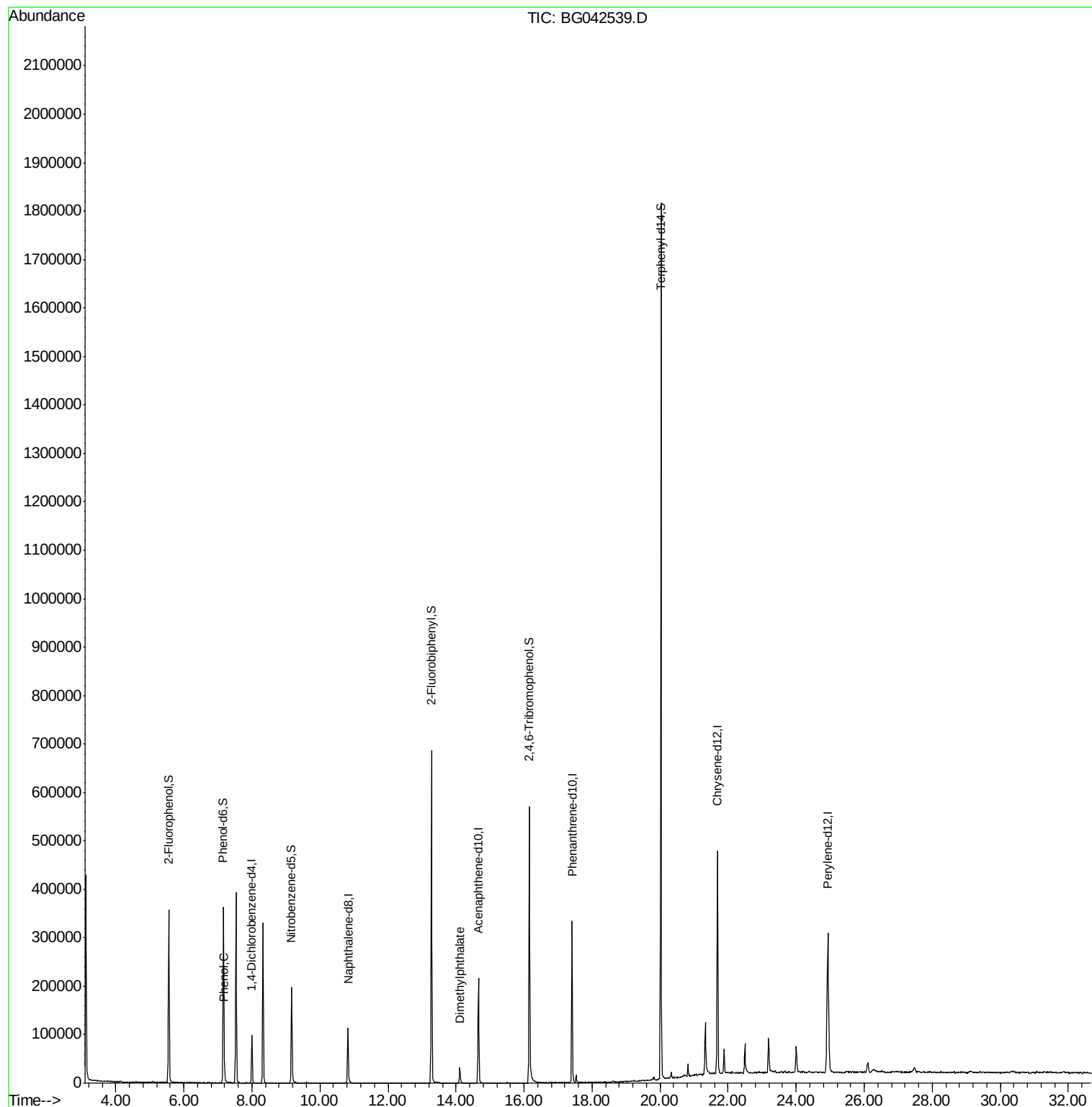
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34174	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	124923	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	92228	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	242683	20.00	ng	0.00
76) Chrysene-d12	21.69	240	299444	20.00	ng	0.00
87) Perylene-d12	24.93	264	350751	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	188371	111.64	ng	0.00
7) Phenol-d6	7.16	99	243217	106.71	ng	0.00
23) Nitrobenzene-d5	9.17	82	135005	74.68	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	168381	128.45	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	423816	77.72	ng	0.00
79) Terphenyl-d14	20.02	244	967185	69.83	ng	0.00
Target Compounds						
10) Phenol	7.19	94	13478	5.816	ng	87
50) Dimethylphthalate	14.11	163	35870	5.390	ng	99

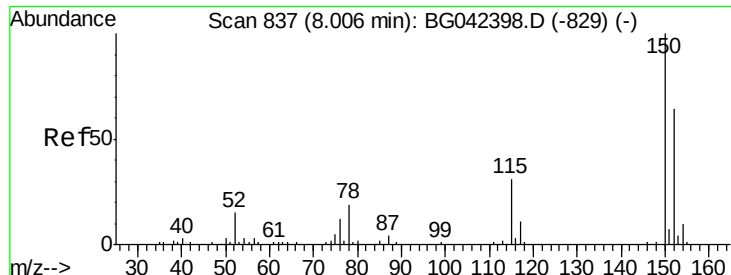
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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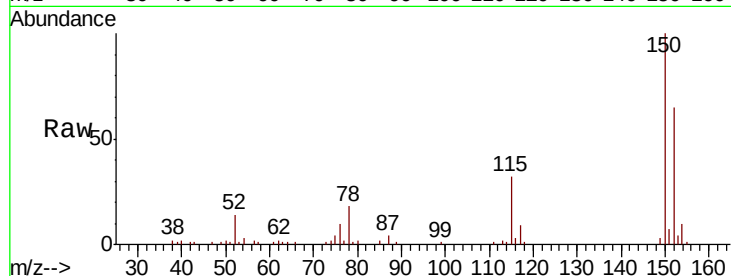


#1

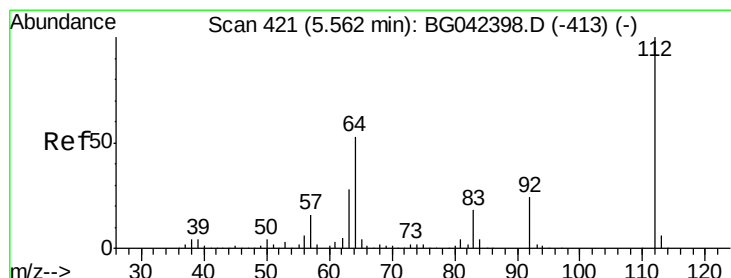
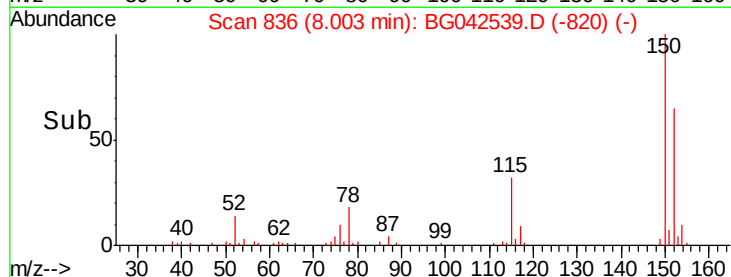
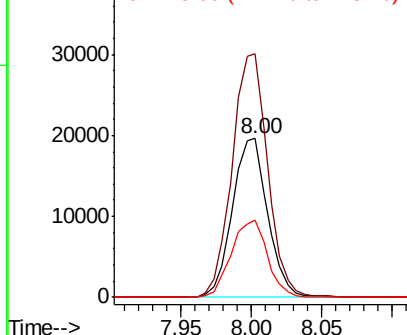
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042539.D
Acq: 28 Aug 2019 19:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34174
Ion Ratio Lower Upper
152 100
150 153.2 125.4 188.0
115 48.9 38.5 57.7



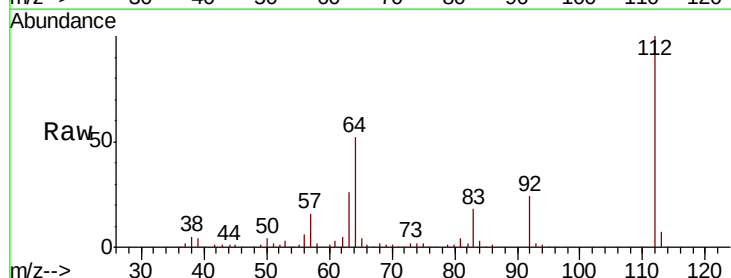
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



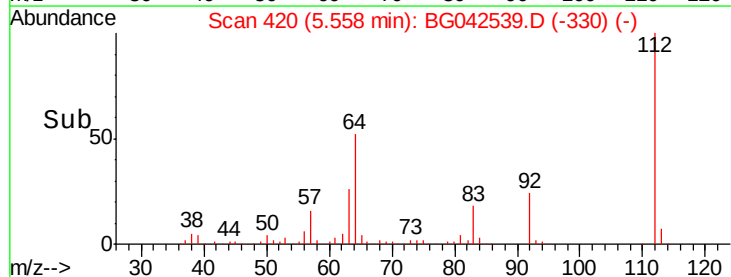
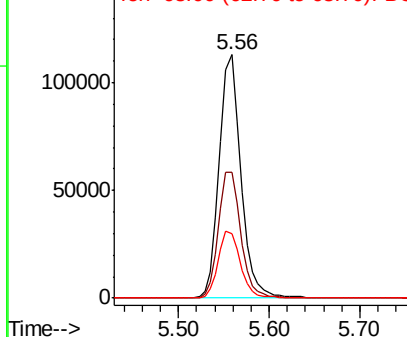
#5

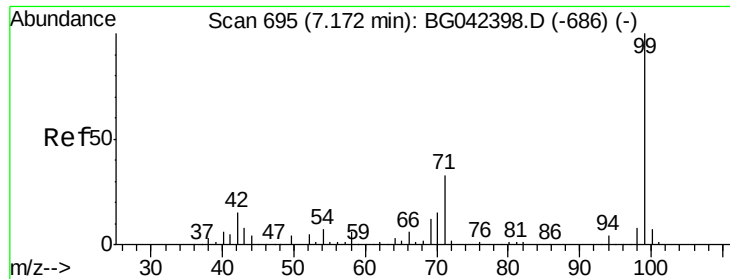
2-Fluorophenol
Concen: 111.636 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042539.D
Acq: 28 Aug 2019 19:18

Tgt Ion:112 Resp: 188371
Ion Ratio Lower Upper
112 100
64 51.7 42.8 64.2
63 26.4 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: 106.709 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042539.D

Acq: 28 Aug 2019 19:18

Instrument :

BNA_G

ClientSampleId :

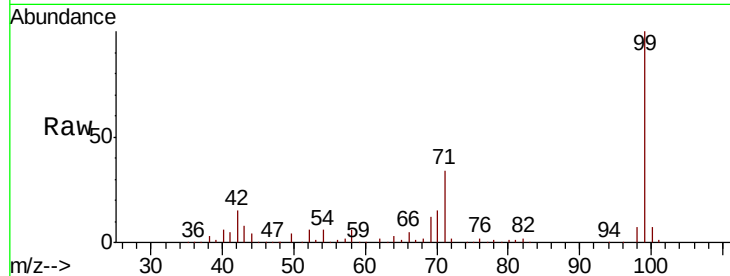
Tot Ion: 99 Resp: 243217

Ion Ratio Lower Upper

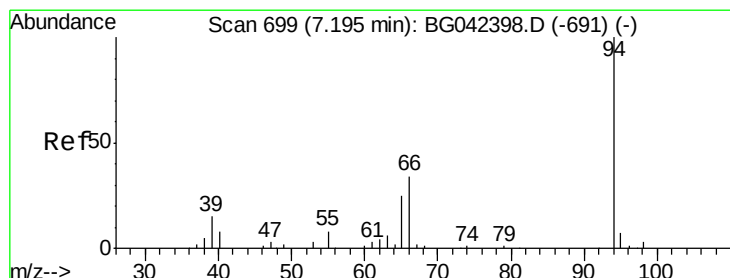
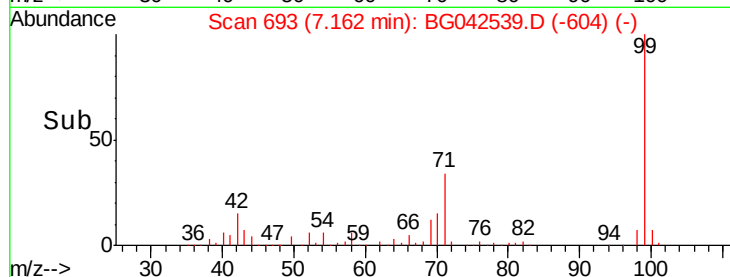
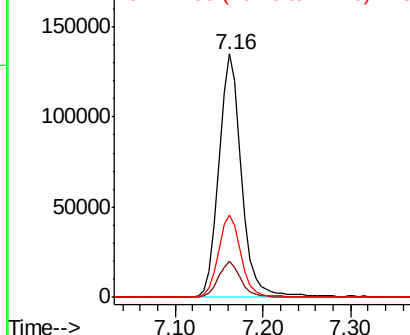
99 100

42 14.7 12.0 18.0

71 34.0 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: 5.816 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042539.D

Acq: 28 Aug 2019 19:18

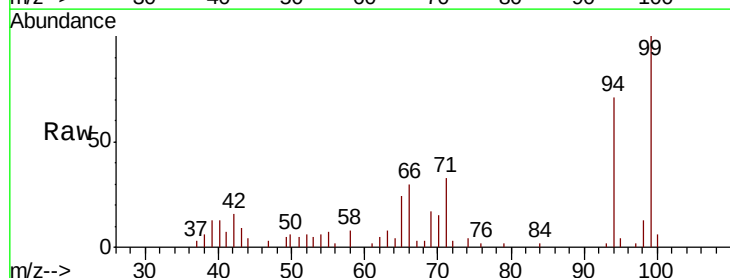
Tgt Ion: 94 Resp: 13478

Ion Ratio Lower Upper

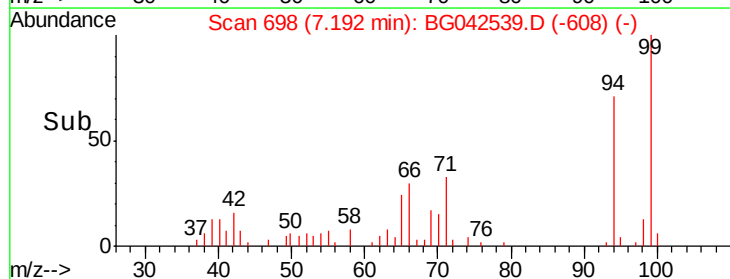
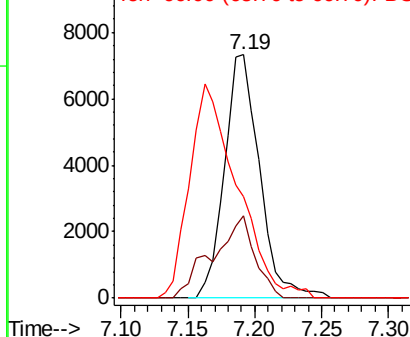
94 100

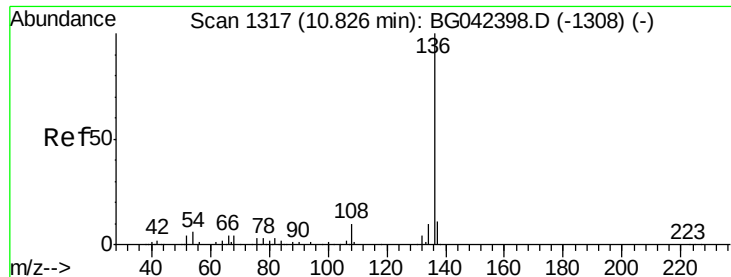
65 34.0 5.6 45.6

66 42.0 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: BG042539.D

Acq: 28 Aug 2019 19:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 124923

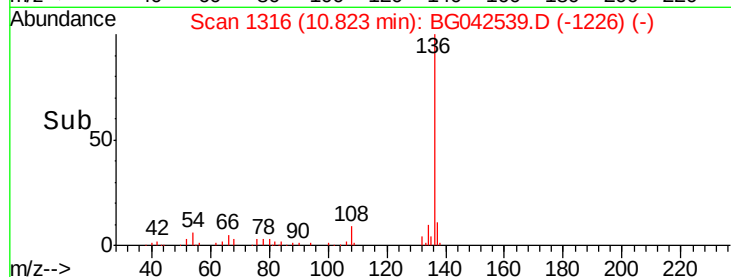
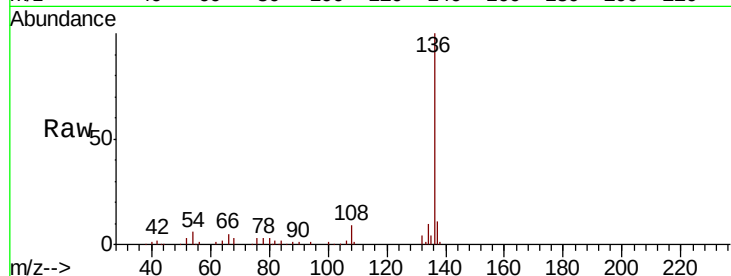
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.2	4.9	7.3
68	3.4	3.6	5.4

136 100

137 11.3 8.7 13.1

54 6.2 4.9 7.3

68 3.4 3.6 5.4

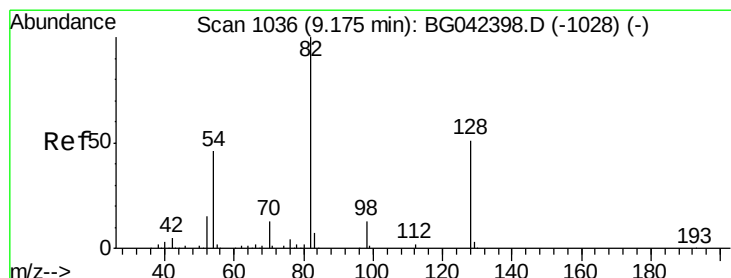
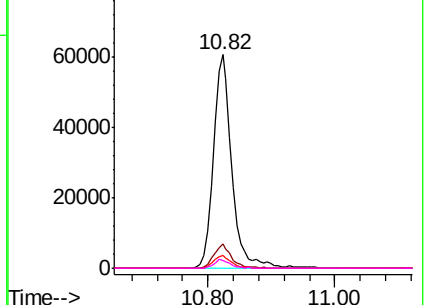


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.681 ng

RT: 9.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG042539.D

Acq: 28 Aug 2019 19:18

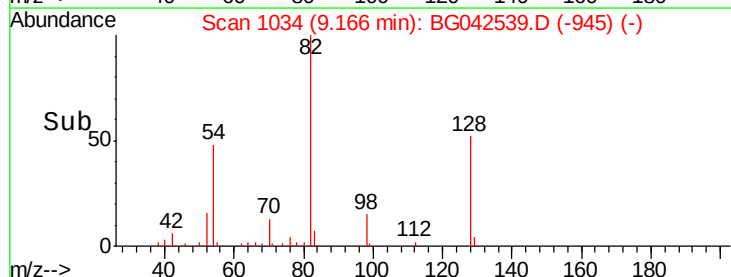
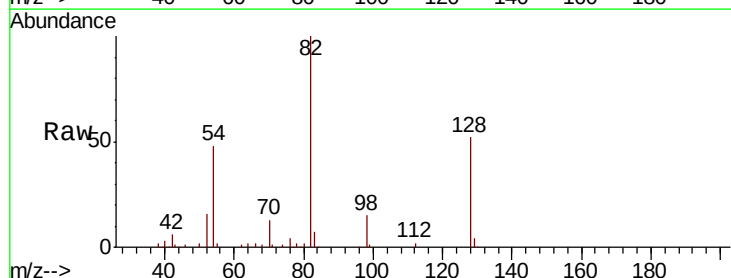
Tgt Ion: 82 Resp: 135005

Ion	Ratio	Lower	Upper
82	100		
128	52.3	40.7	61.1
54	48.1	36.3	54.5

82 100

128 52.3 40.7 61.1

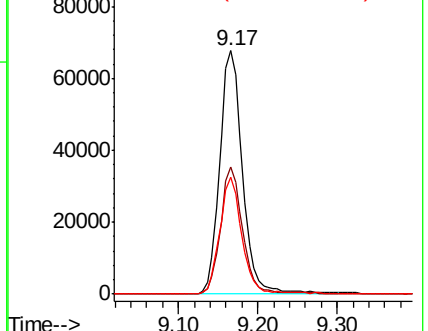
54 48.1 36.3 54.5

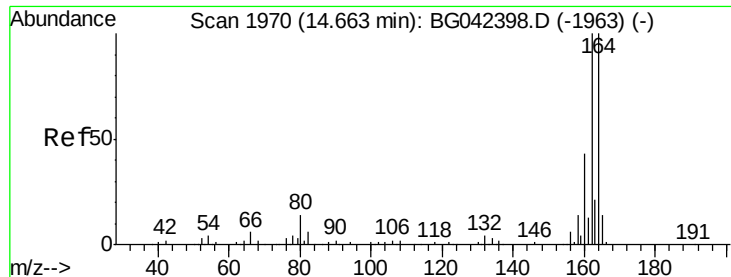


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG042539.D

Acq: 28 Aug 2019 19:18

Instrument :

BNA_G

ClientSampleId :

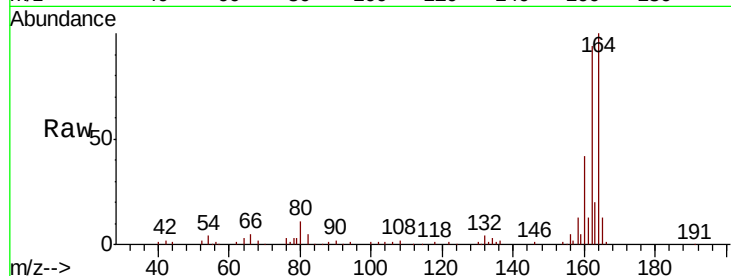
Tot Ion:164 Resp: 92228

Ion Ratio Lower Upper

164 100

162 93.8 79.9 119.9

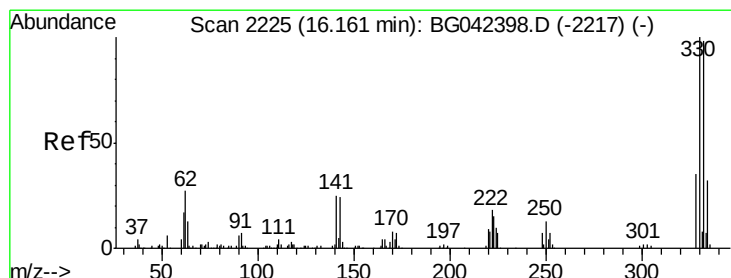
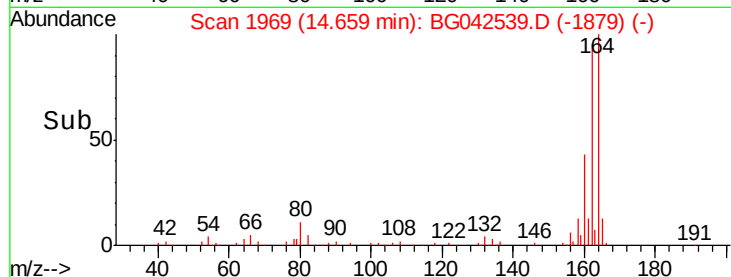
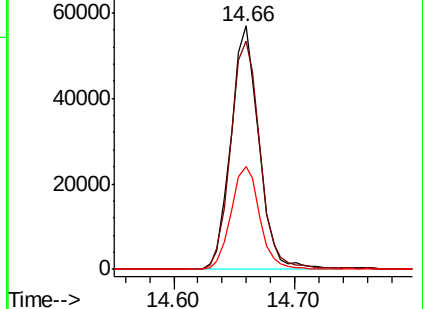
160 42.1 34.3 51.5



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: 128.450 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042539.D

Acq: 28 Aug 2019 19:18

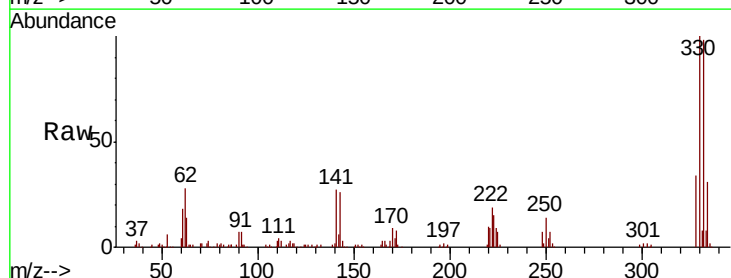
Tgt Ion:330 Resp: 168381

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

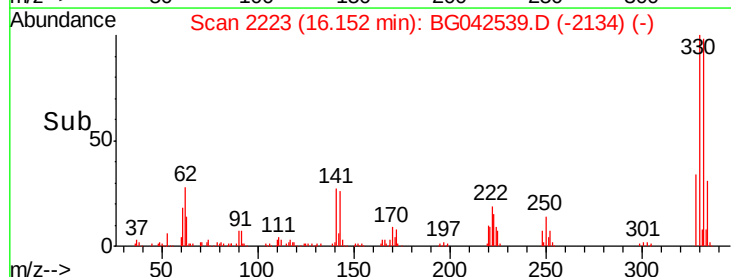
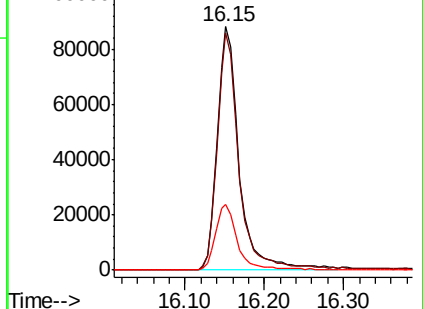
141 27.1 21.4 32.0

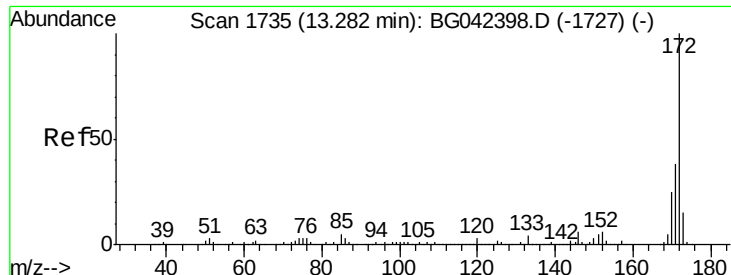


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

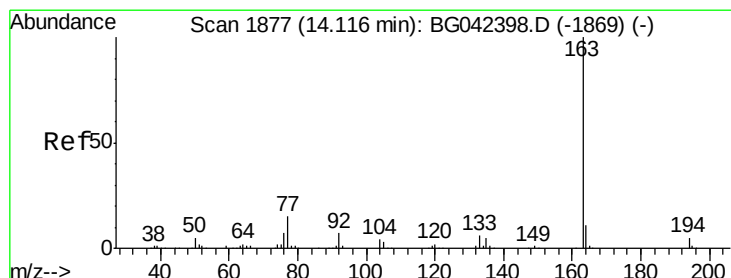
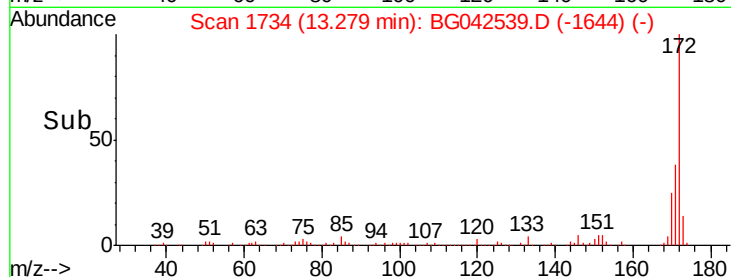
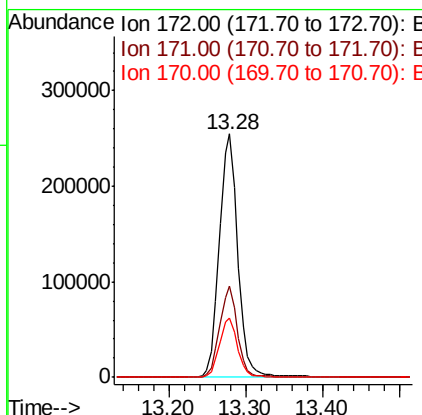
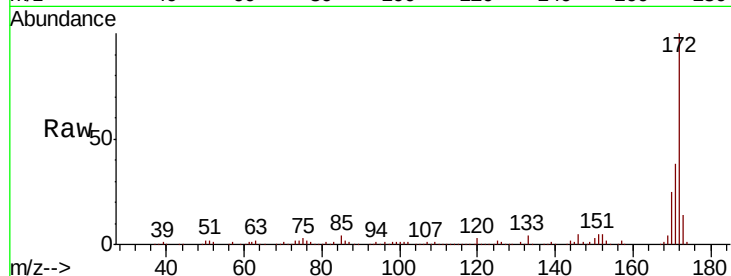




#45
 2-Fluorobiphenyl
 Concen: 77.720 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042539.D
 Acq: 28 Aug 2019 19:18

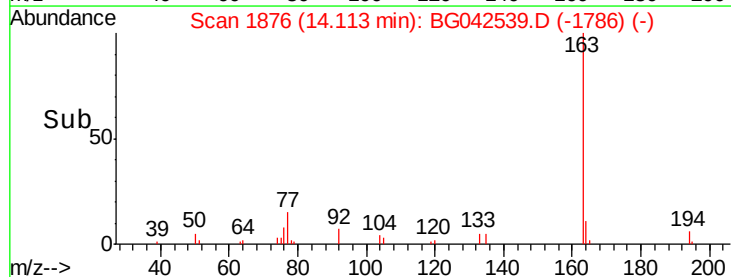
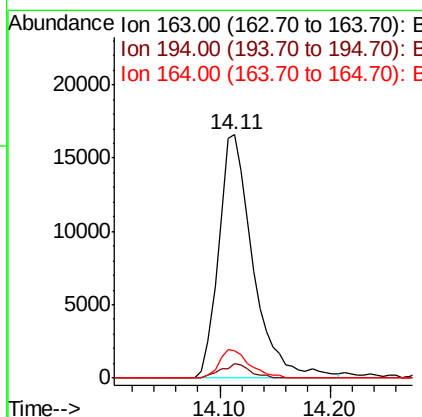
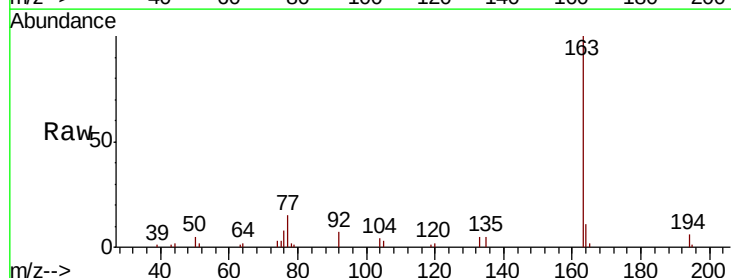
Instrument :
 BNA_G
 ClientSampleId :

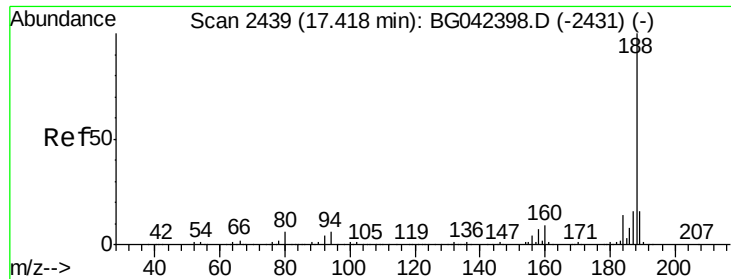
Tot Ion:172 Resp: 423816
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.5 45.7
 170 24.5 20.2 30.2



#50
 Dimethylphthalate
 Concen: 5.390 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: BG042539.D
 Acq: 28 Aug 2019 19:18

Tgt Ion:163 Resp: 35870
 Ion Ratio Lower Upper
 163 100
 194 5.7 4.2 6.2
 164 11.3 8.8 13.2

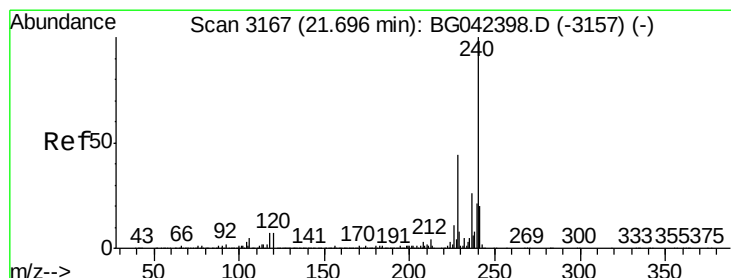
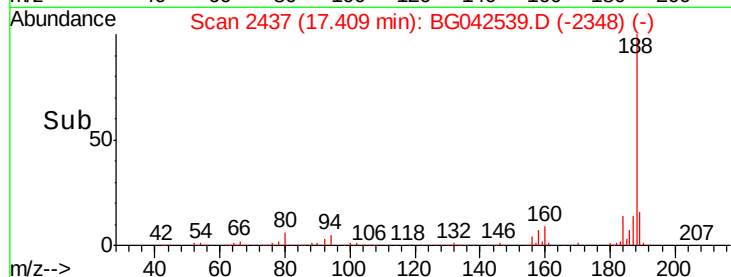
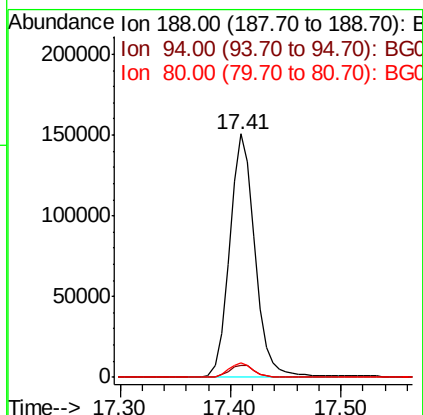
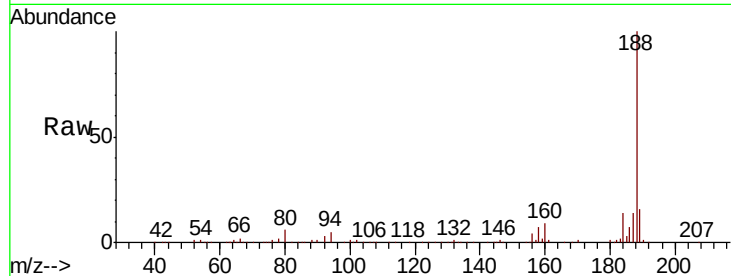




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042539.D
Acq: 28 Aug 2019 19:18

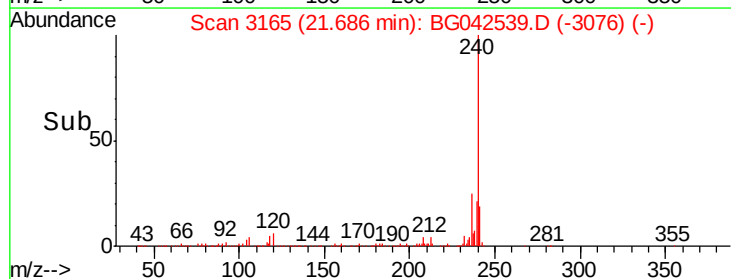
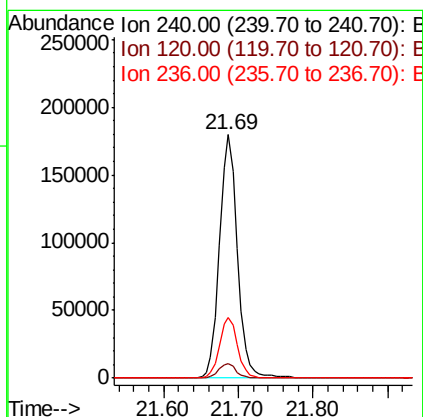
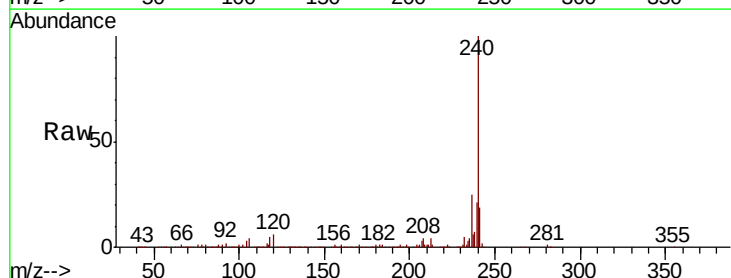
Instrument :
BNA_G
ClientSampleId :

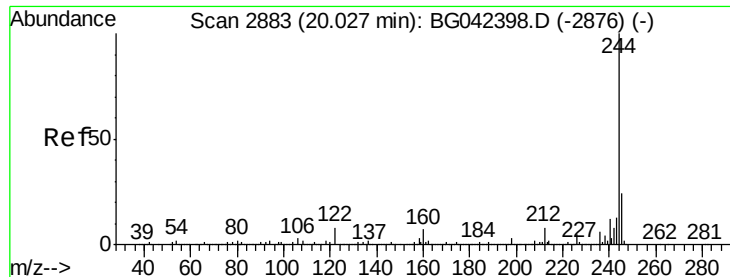
Tot Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.5	6.7
80	6.0	4.9	7.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042539.D
Acq: 28 Aug 2019 19:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.7	8.5
236	24.8	21.0	31.4





#79

Terphenyl-d14

Concen: 69.829 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042539.D

Acq: 28 Aug 2019 19:18

Instrument :

BNA_G

ClientSampleId :

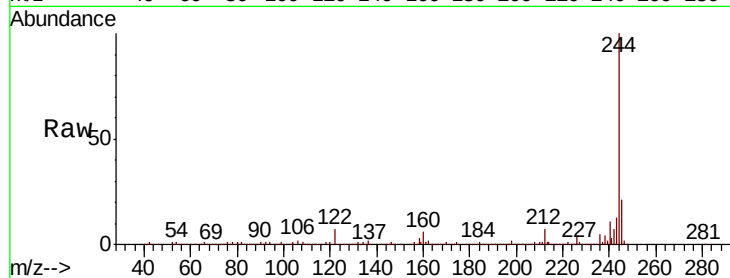
Tot Ion:244 Resp: 967185

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

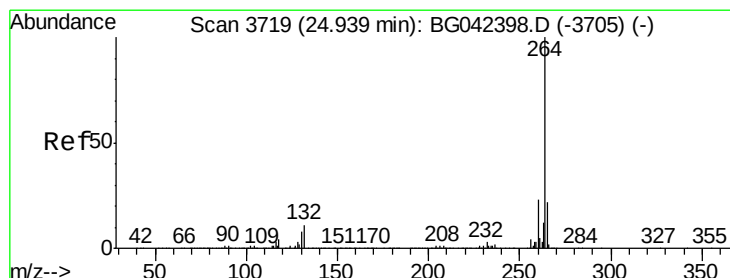
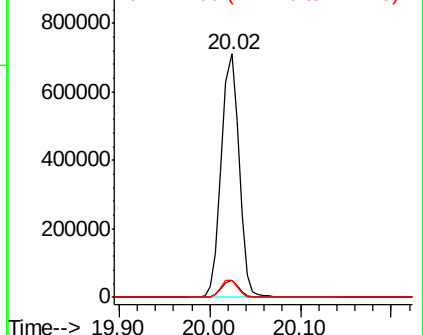
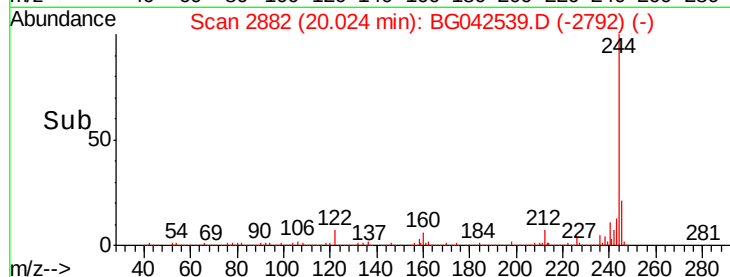
122 6.9 6.7 10.1



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# 3717

Delta R.T. -0.01 min

Lab File: BG042539.D

Acq: 28 Aug 2019 19:18

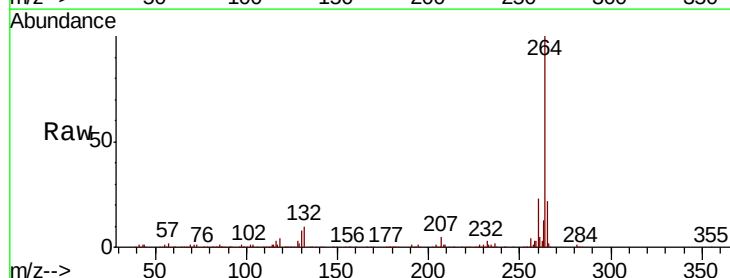
Tgt Ion:264 Resp: 350751

Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 21.9 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

