

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 :
 RBR-200028

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

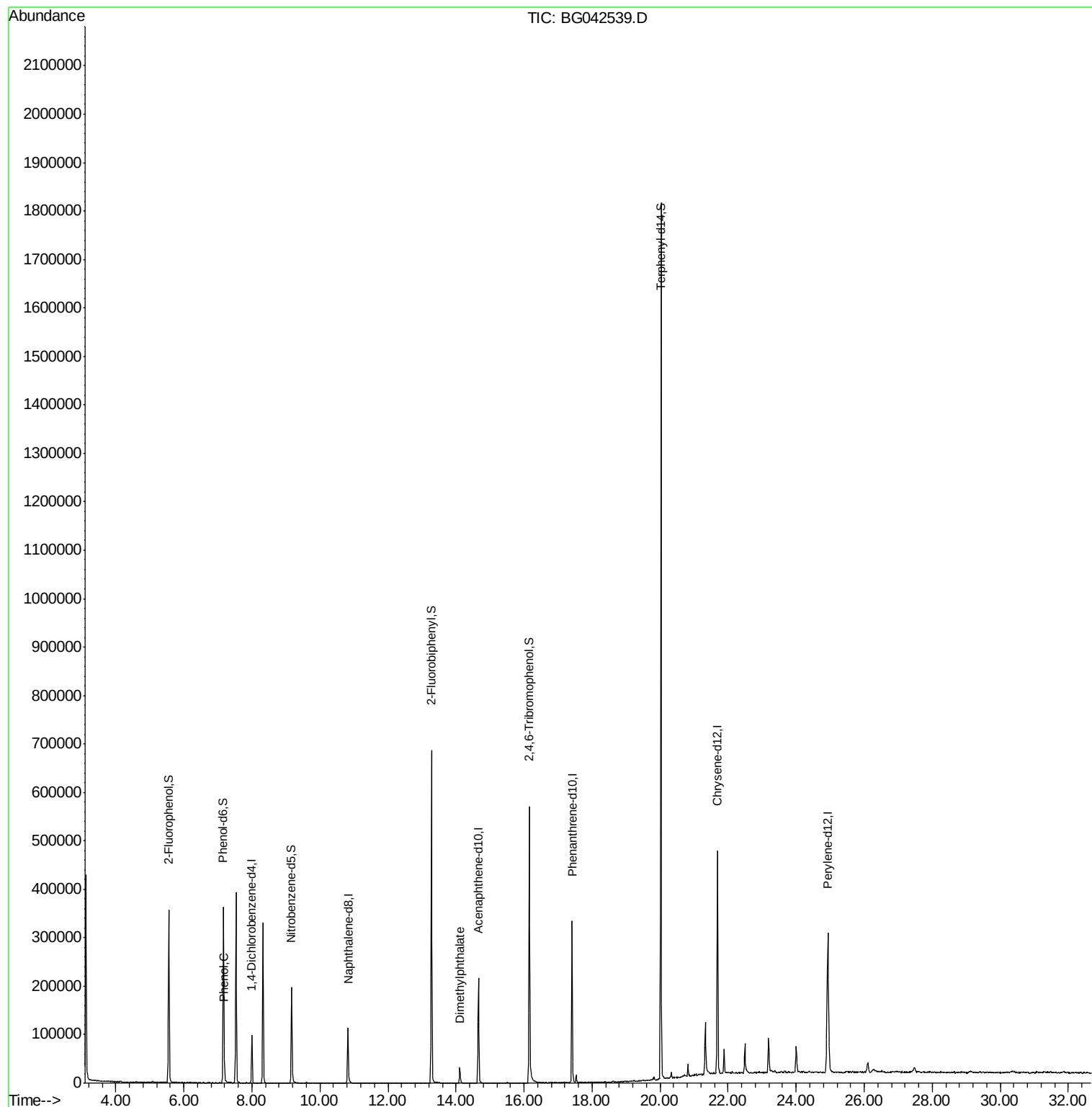
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34174	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	124923	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	92228	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	242683	20.00	ng	0.00
76) Chrysene-d12	21.69	240	299444	20.00	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

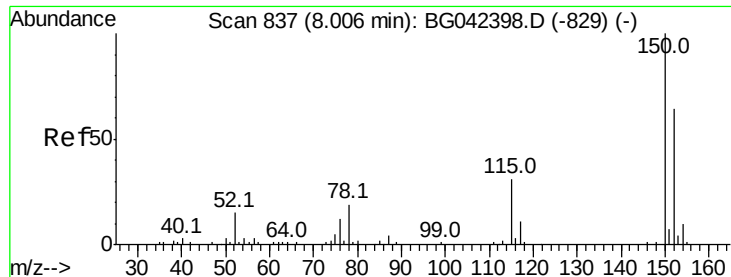
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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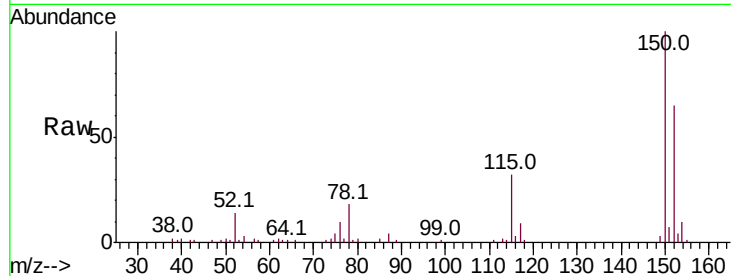


#1

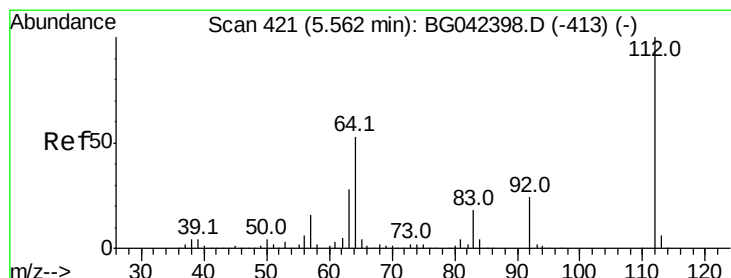
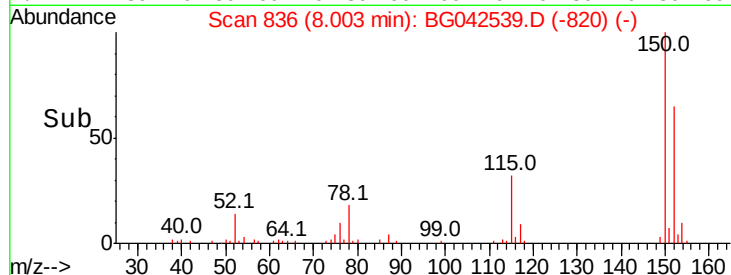
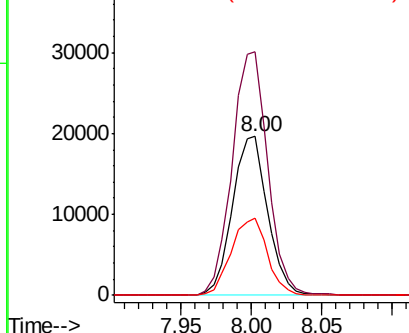
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG042539.D
 Acq: 28 Aug 2019 19:18

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200028

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



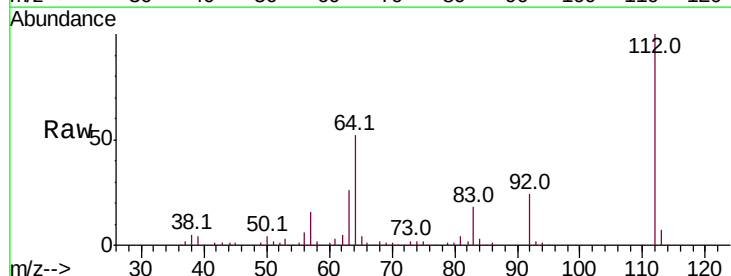
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



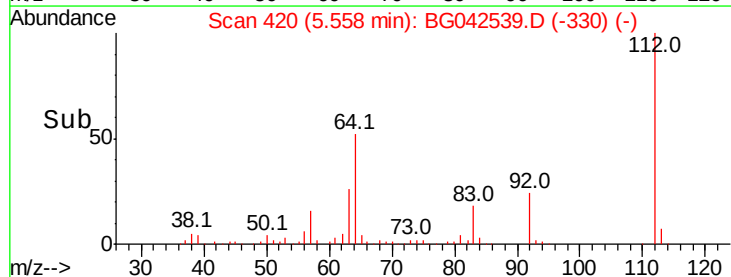
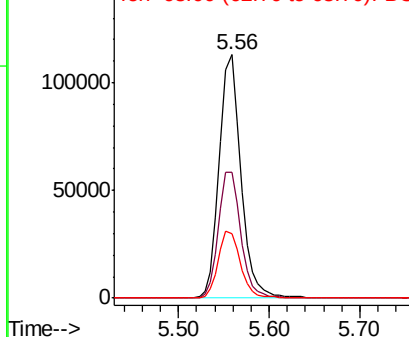
#5

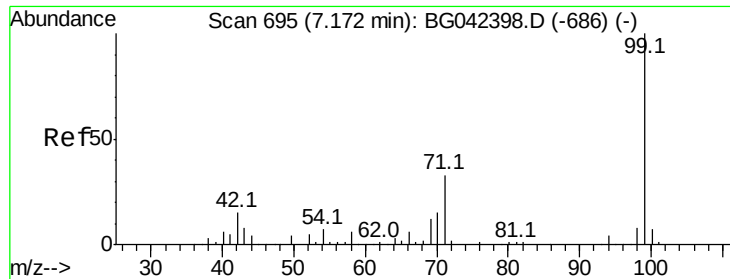
2-Fluorophenol
 Concen: 111.636 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.00 min
 Lab File: BG042539.D
 Acq: 28 Aug 2019 19:18

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 :

RBR-200028

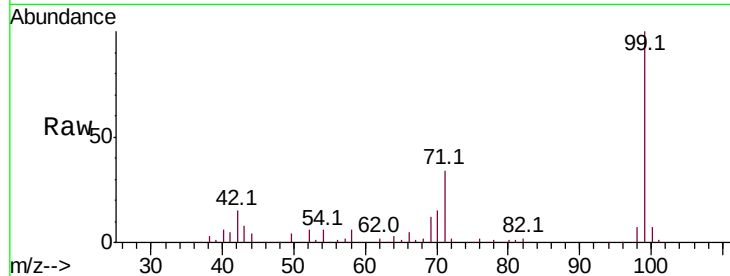
Tot Ion: 99 Resp: 243217

Ion Ratio Lower Upper

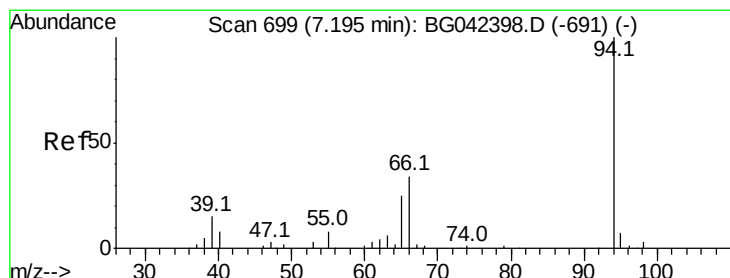
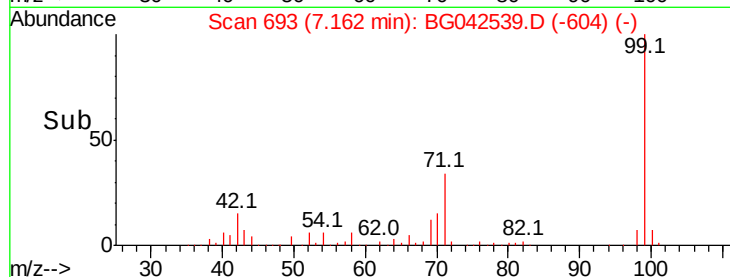
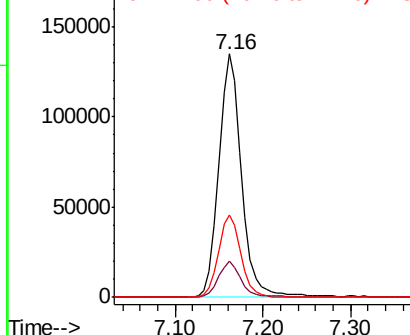
99 100

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

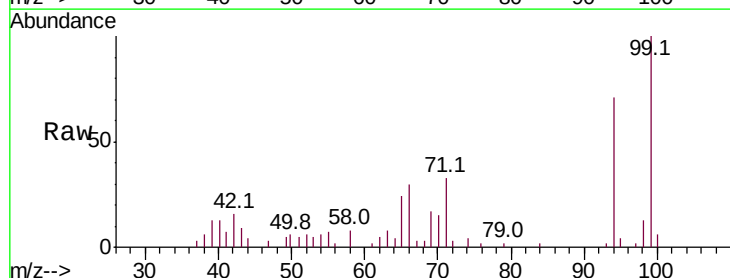
Tgt Ion: 94 Resp: 13478

Ion Ratio Lower Upper

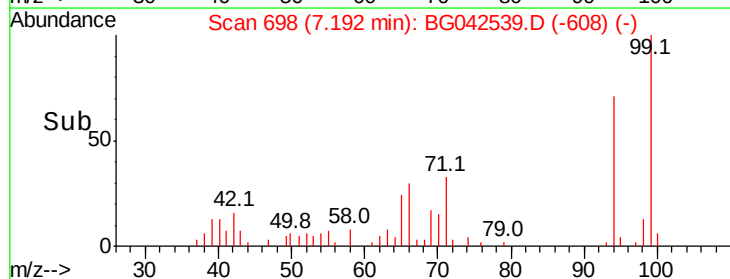
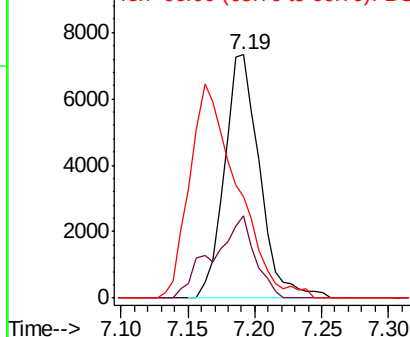
94 100

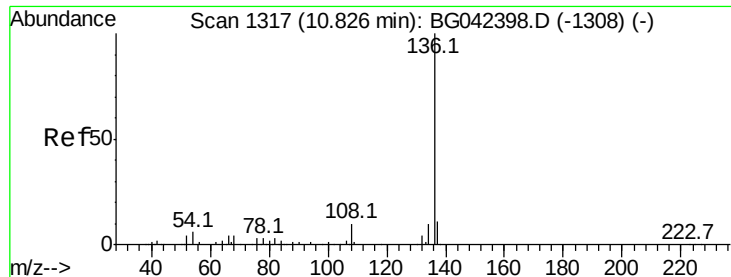
65 34.0 5.6 45.6

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

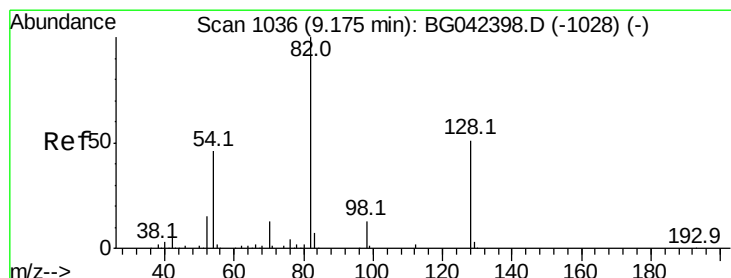
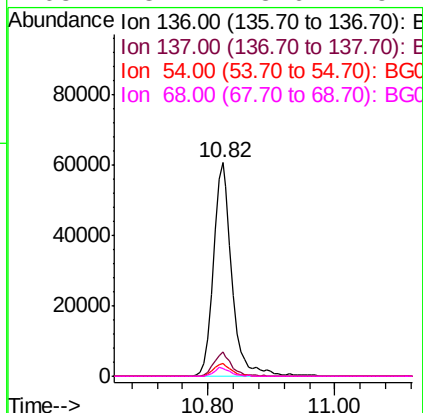
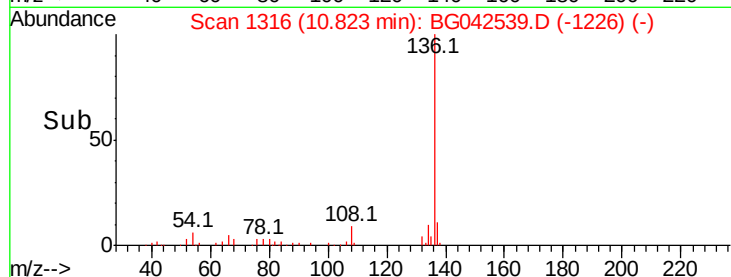
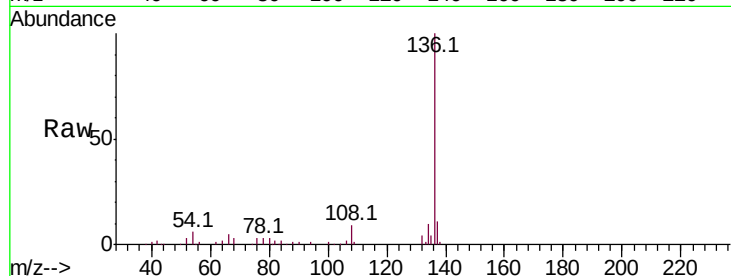




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042539.D
Acq: 28 Aug 2019 19:18

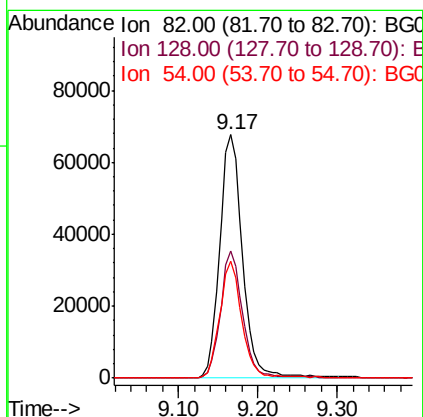
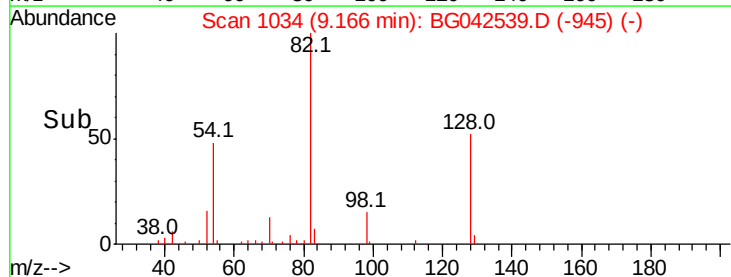
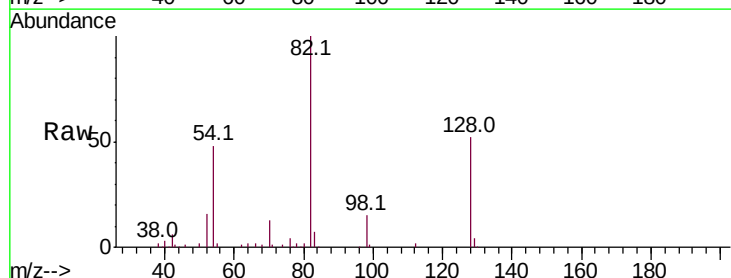
Instrument :
BNA_G
ClientSampleId :
RBR-200028

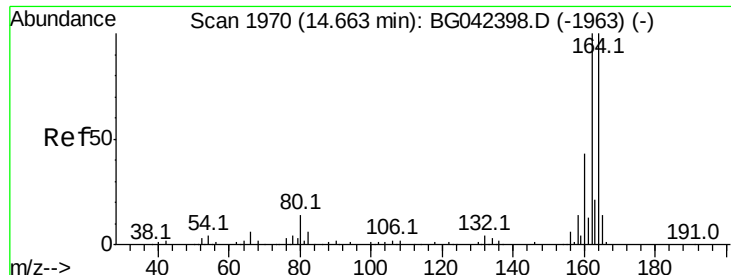
Tot Ion:136	Resp:	124923
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.7 13.1
54	6.2	4.9 7.3
68	3.4	3.6 5.4#



#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





#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 :

RBR-200028

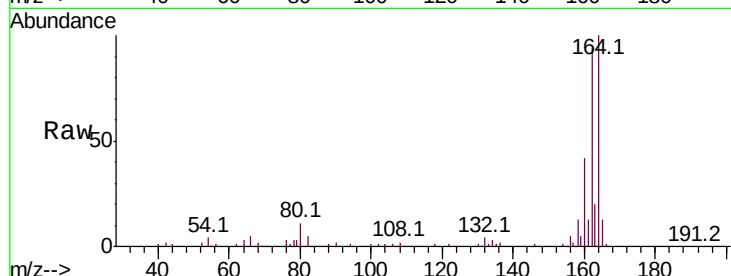
Tot Ion:164 Resp: 92228

Ion Ratio Lower Upper

164 100

162 93.8 79.9 119.9

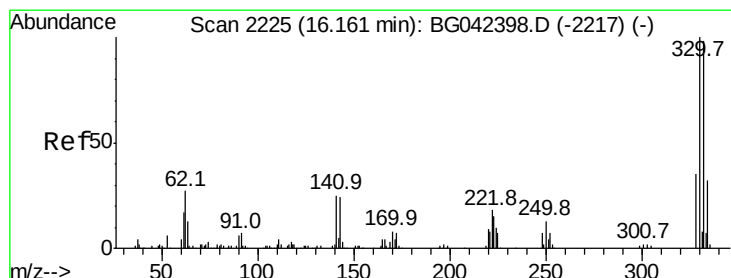
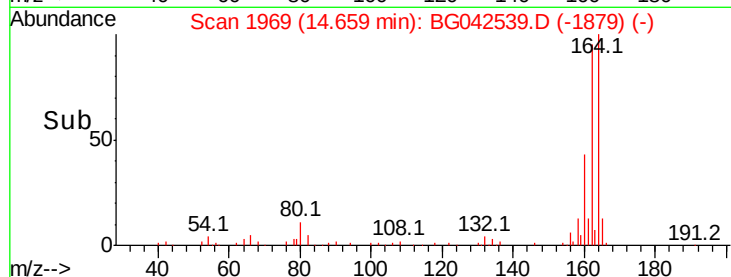
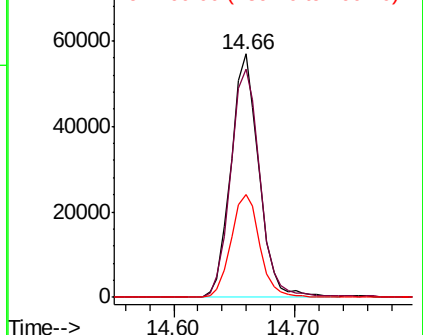
160 42.1 34.3 51.5



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

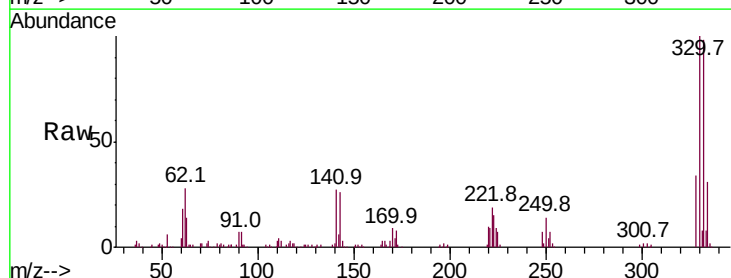
Tgt Ion:330 Resp: 168381

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

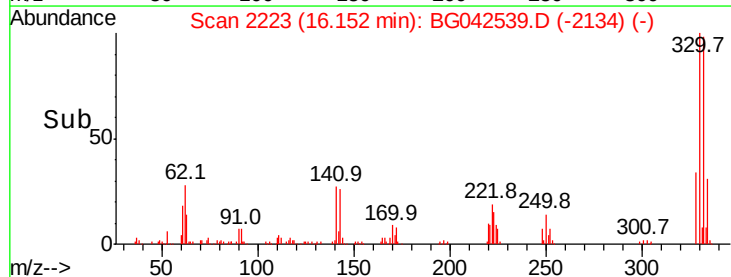
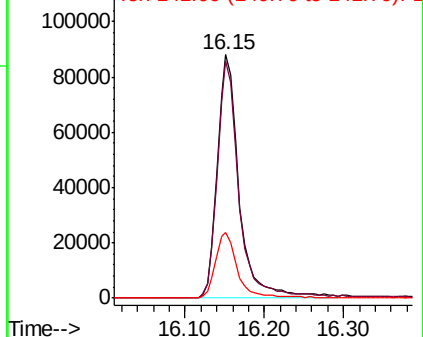
141 27.1 21.4 32.0

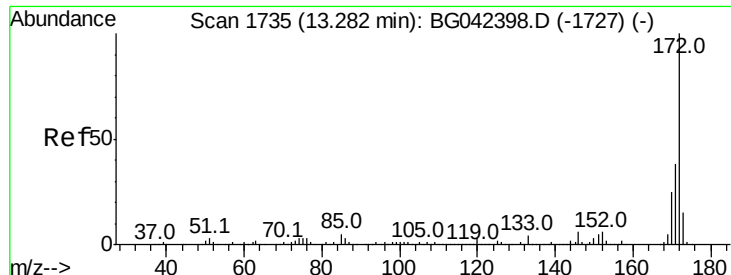


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



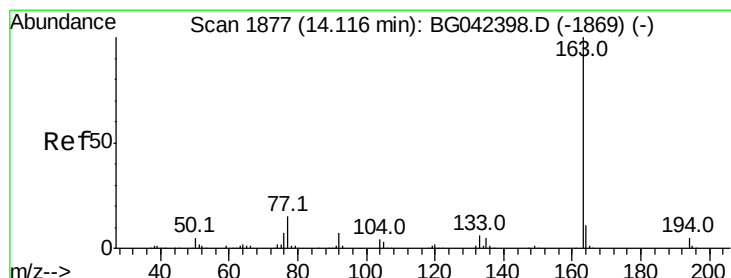
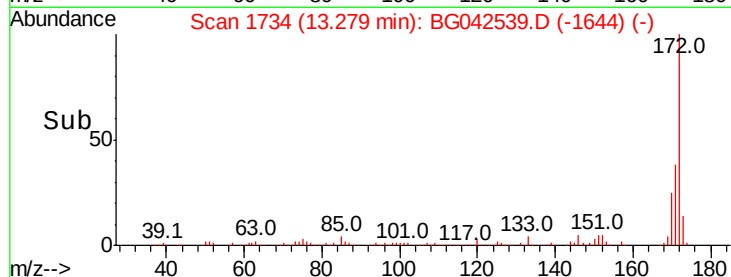
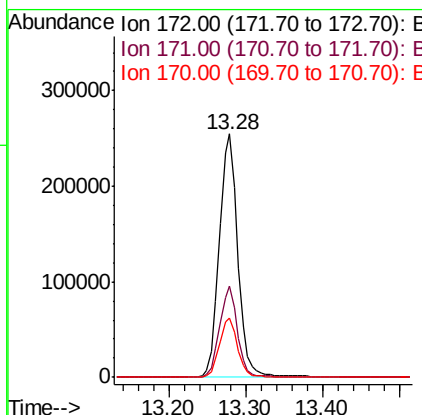
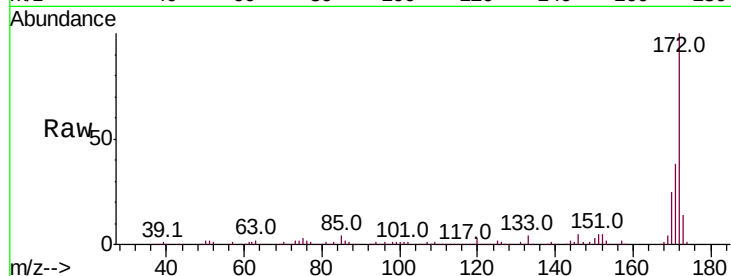


#45
 2-Fluorobiphenyl
 Concen: 77.720 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042539.D
 Acq: 28 Aug 2019 19:18

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200028

Tot Ion:172 Resp: 423816

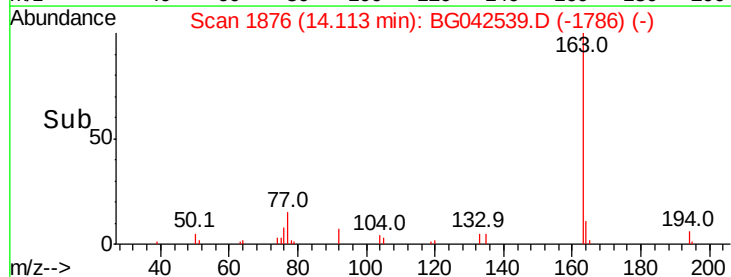
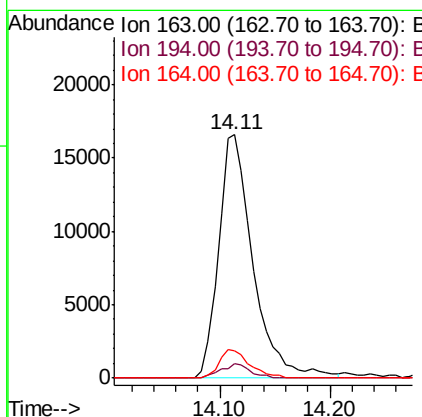
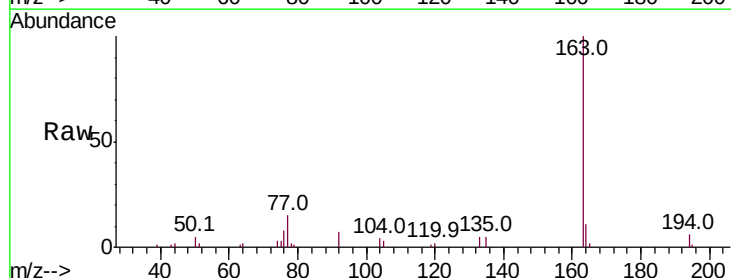
Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	24.5	20.2	30.2

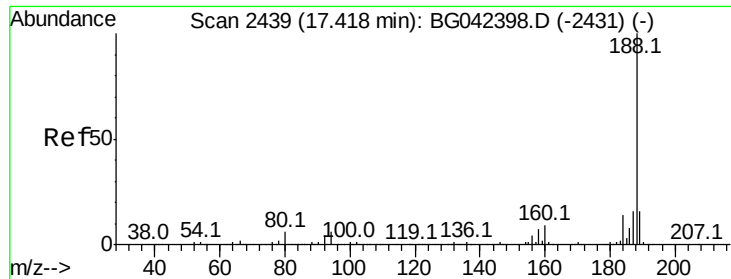


#50
 Dimethylphthalate
 Concen: 5.390 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: BG042539.D
 Acq: 28 Aug 2019 19:18

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

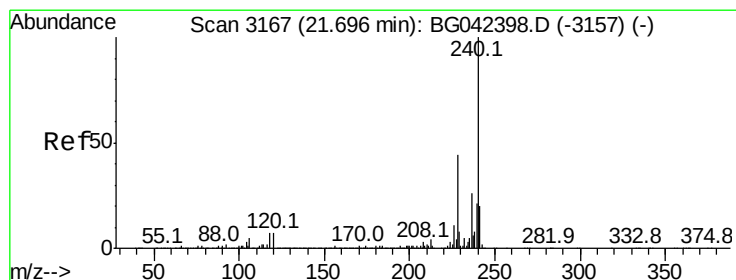
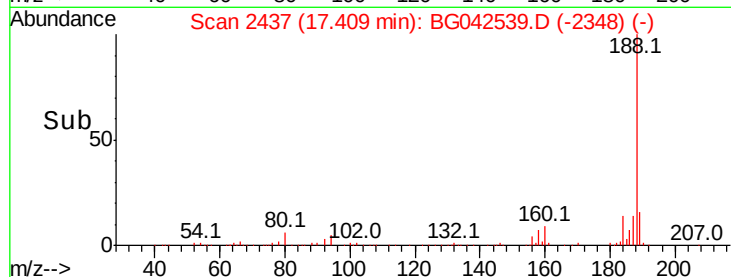
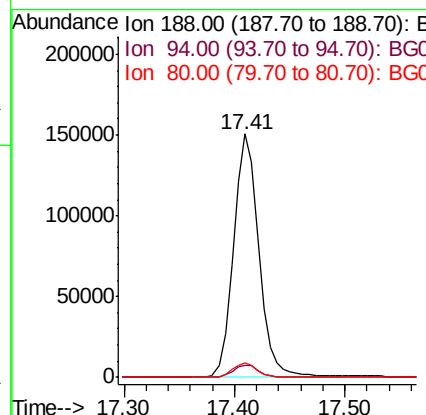
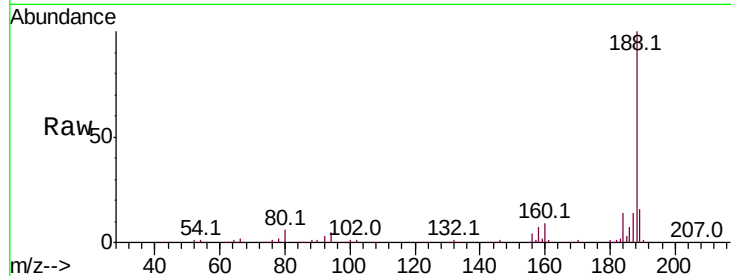




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042539.D
Acq: 28 Aug 2019 19:18

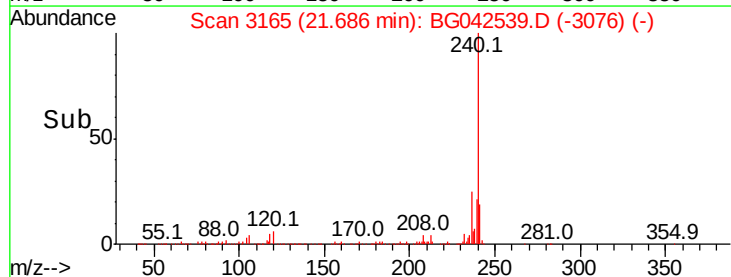
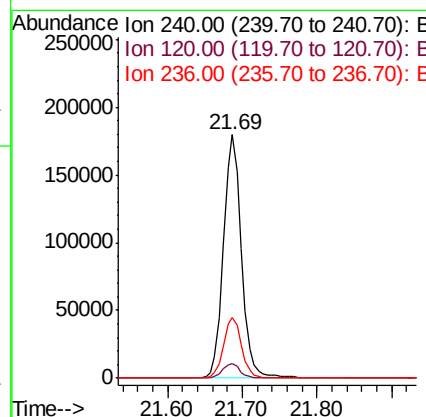
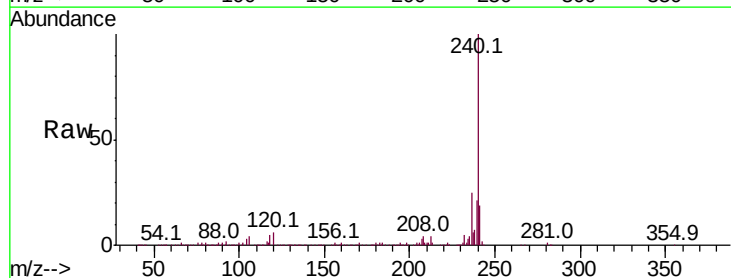
Instrument :
BNA_G
ClientSampleId :
RBR-200028

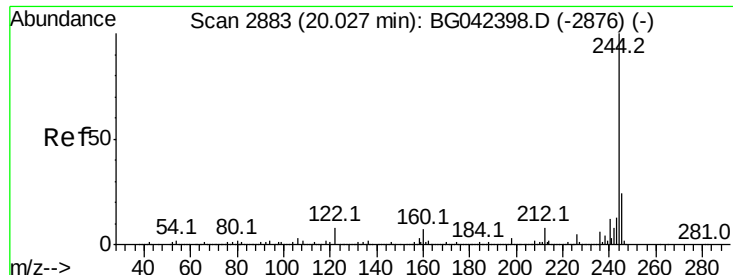
Tot Ion:188 Resp: 242683
Ion Ratio Lower Upper
188 100
94 4.9 4.5 6.7
80 6.0 4.9 7.3



#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:240 Resp: 299444
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 :

RBR-200028

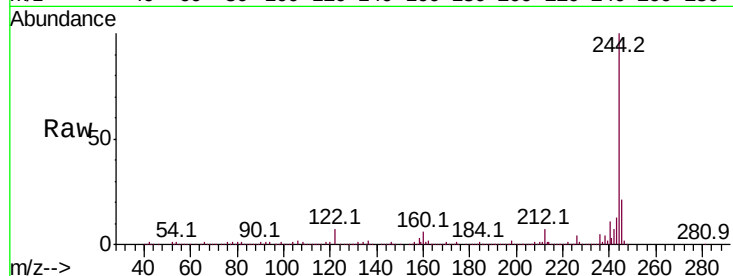
Tot Ion:244 Resp: 967185

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

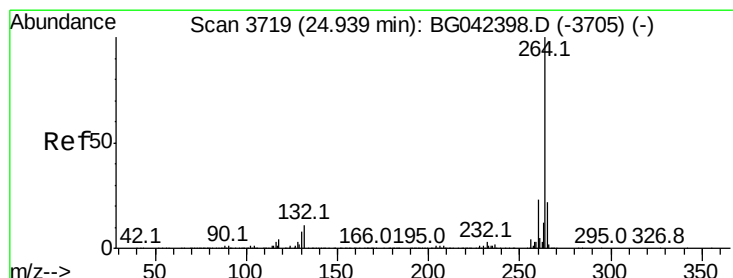
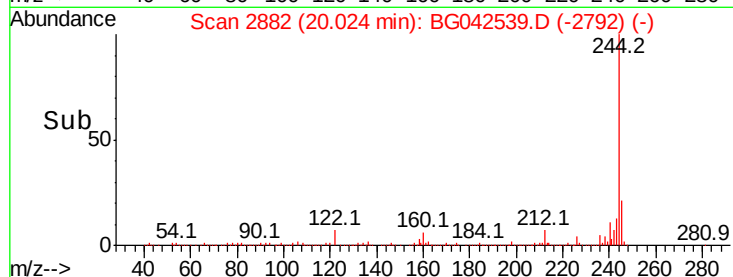
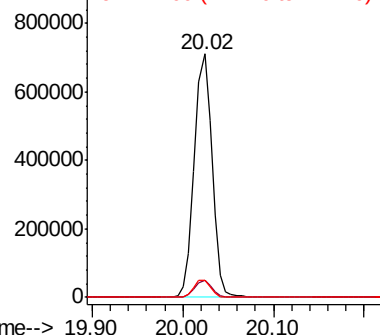
122 6.9 6.7 10.1



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

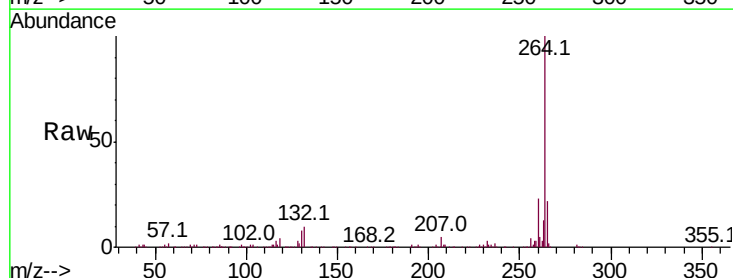
Tgt Ion:264 Resp: 350751

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

