

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042388.D
 Acq On : 21 Aug 2019 18:03
 Operator : HP/JU
 Sample : K4330-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 21 19:02:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

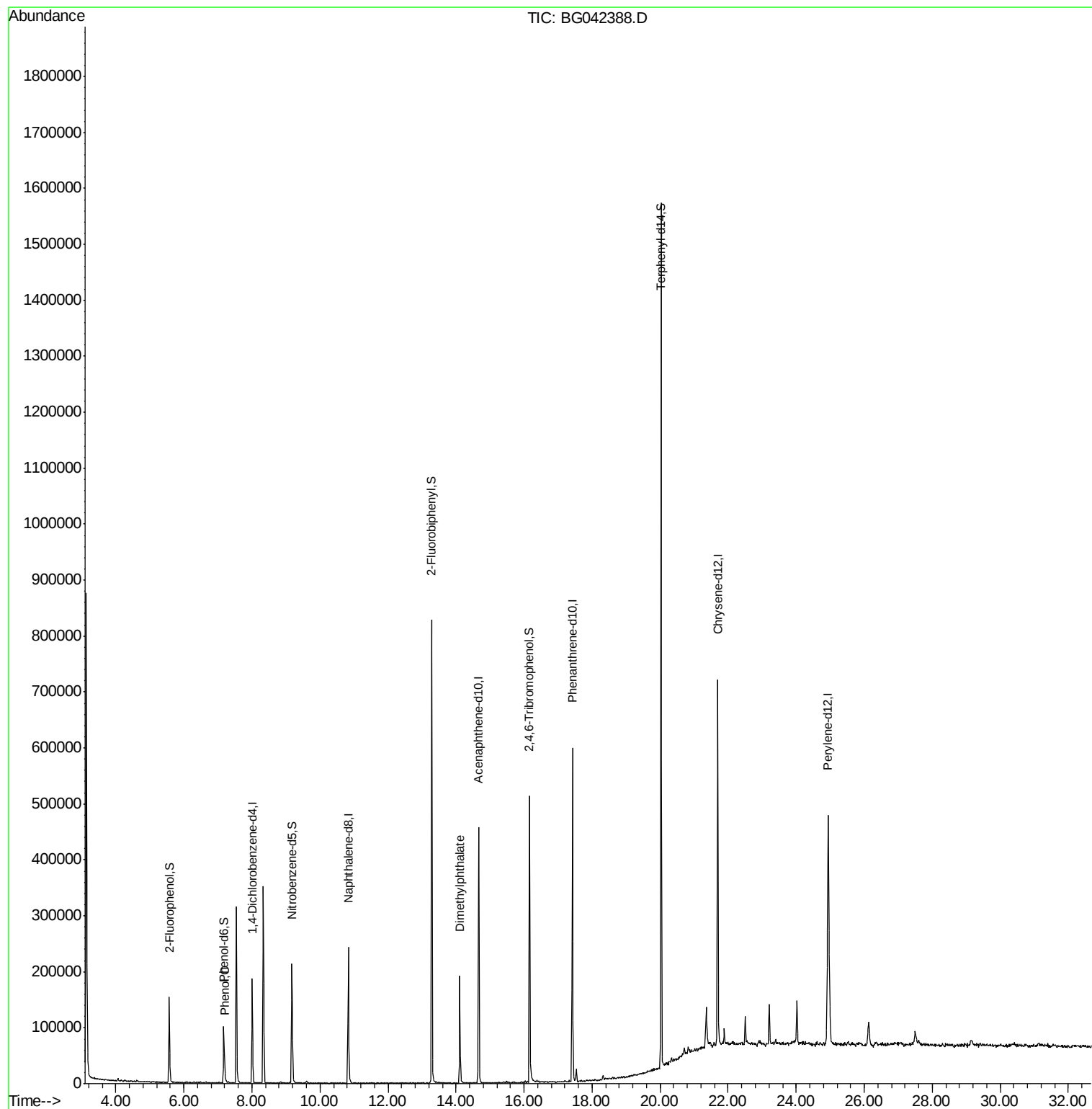
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	64063	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	253224	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	186463	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	410951	20.00	ng	0.00
76) Chrysene-d12	21.69	240	411485	20.00	ng	0.00
87) Perylene-d12	24.94	264	483825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	86034	27.21	ng	0.00
7) Phenol-d6	7.17	99	78047	18.17	ng	0.00
23) Nitrobenzene-d5	9.18	82	149015	41.39	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	142870	56.26	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	507497	46.06	ng	0.00
79) Terphenyl-d14	20.03	244	811929	43.22	ng	0.00
Target Compounds						
10) Phenol	7.20	94	10331	2.366	ng	94
50) Dimethylphthalate	14.11	163	160488	12.113	ng	98

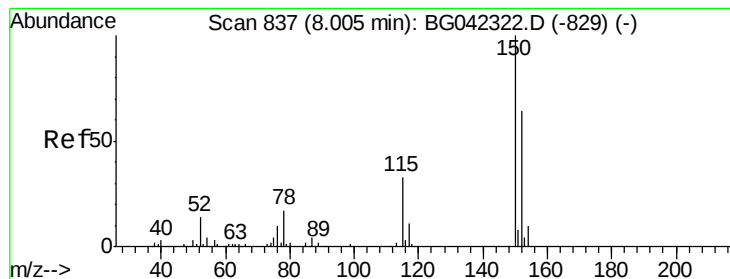
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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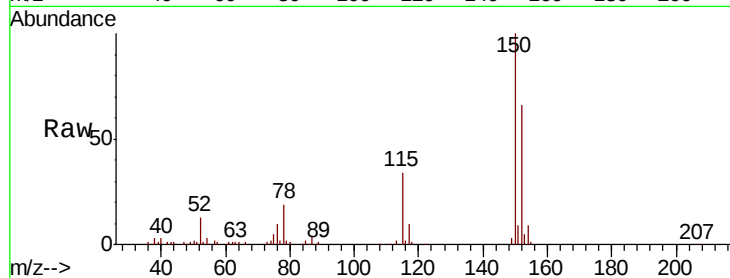


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.01 min
Lab File: BG042388.D
Acq: 21 Aug 2019 18:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	124.3	186.5
115	50.9	40.5	60.7

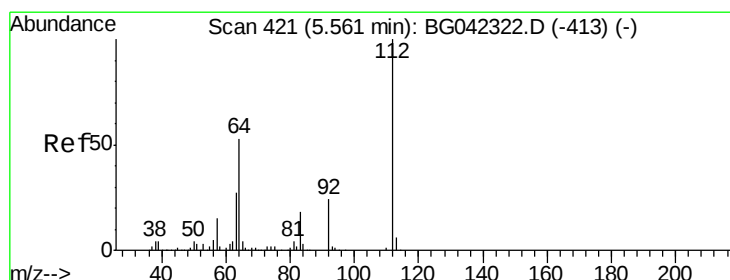
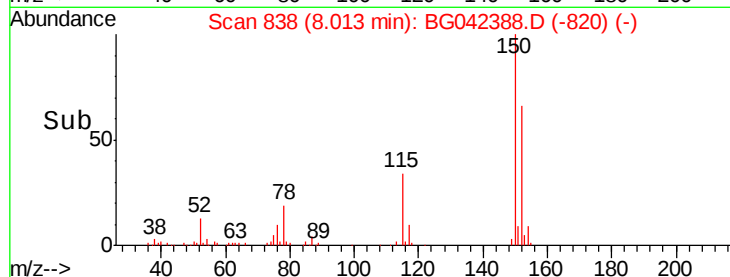
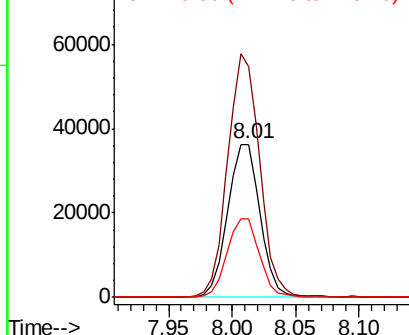


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

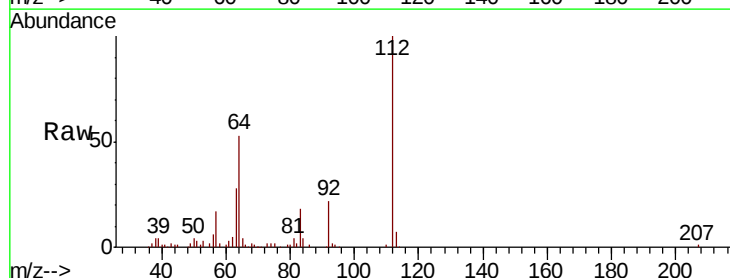
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 27.210 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042388.D
Acq: 21 Aug 2019 18:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.5	63.7
63	28.3	21.7	32.5

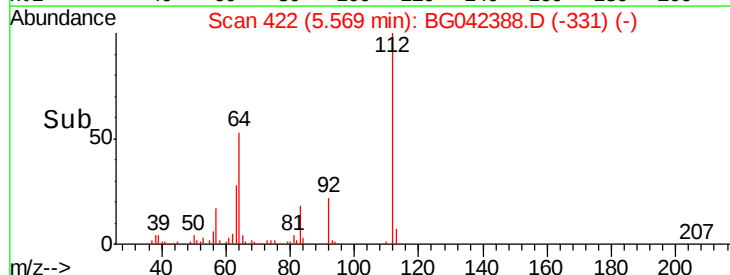
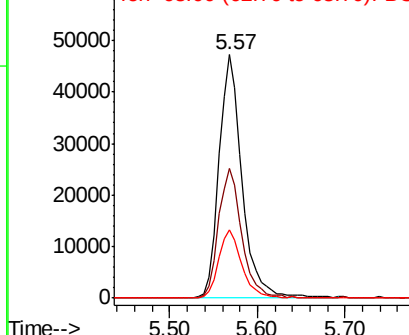


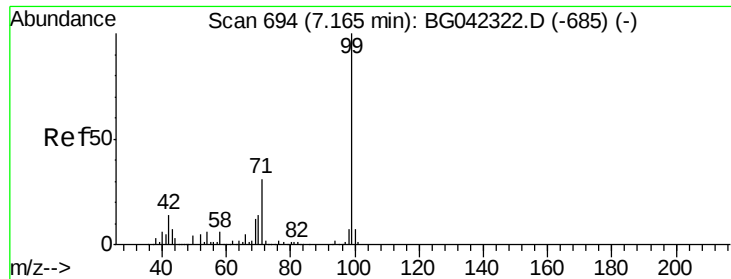
Abundance

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: 18.175 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042388.D

Acq: 21 Aug 2019 18:03

Instrument :

BNA_G

ClientSampled :

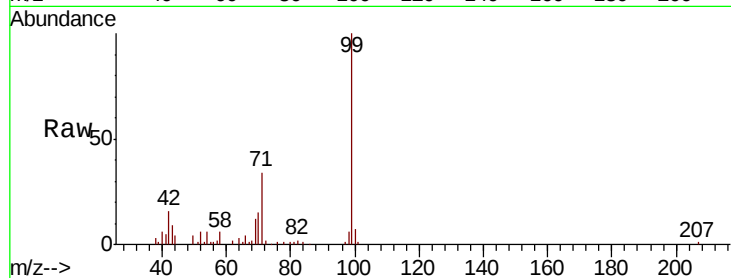
Tot Ion: 99 Resp: 78047

Ion Ratio Lower Upper

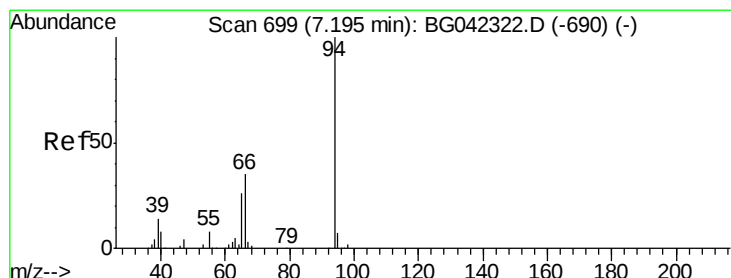
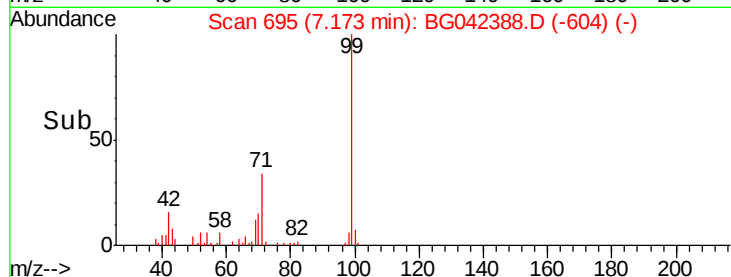
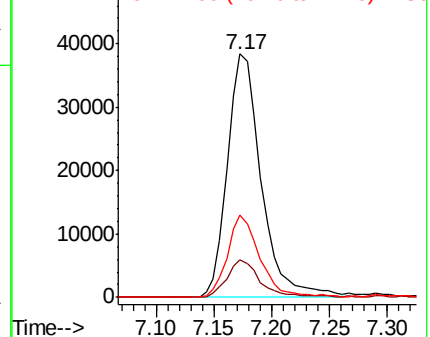
99 100

42 15.7 11.4 17.0

71 33.6 25.1 37.7



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: 2.366 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042388.D

Acq: 21 Aug 2019 18:03

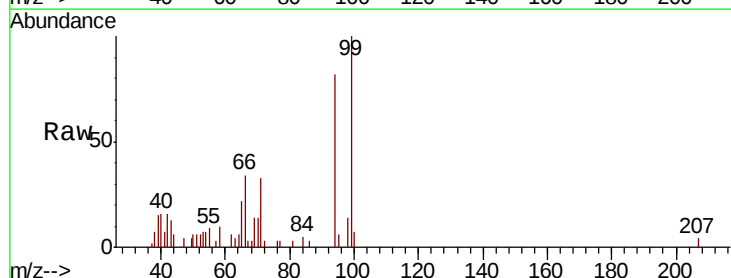
Tgt Ion: 94 Resp: 10331

Ion Ratio Lower Upper

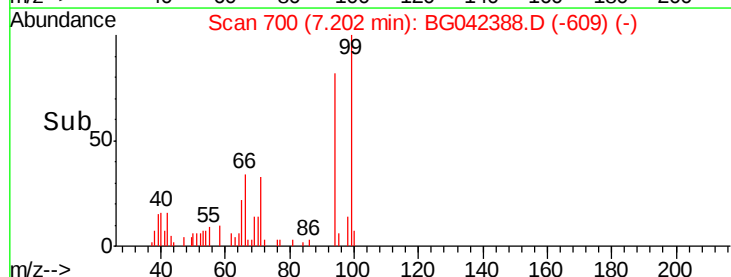
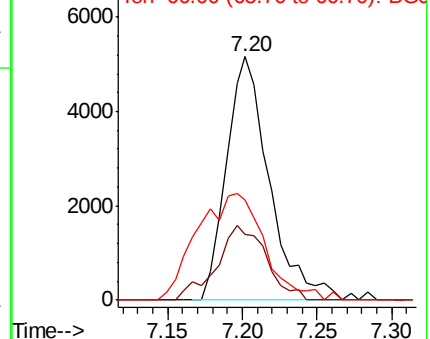
94 100

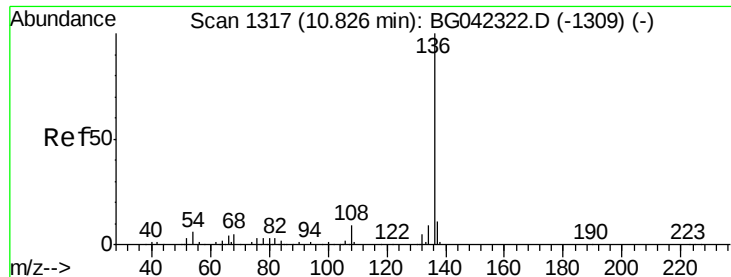
65 27.2 6.1 46.1

66 41.2 15.7 55.7



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

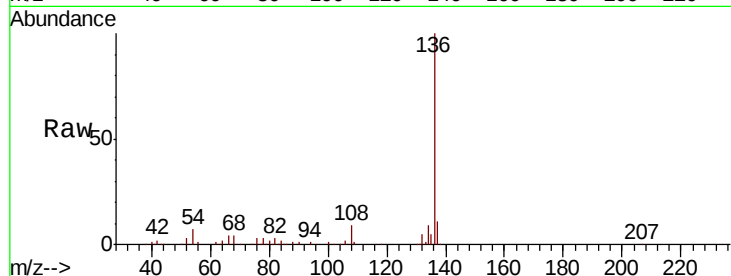




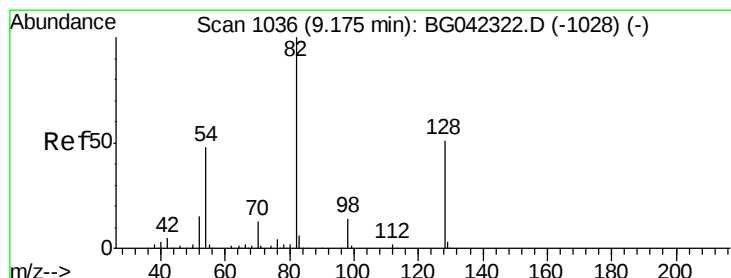
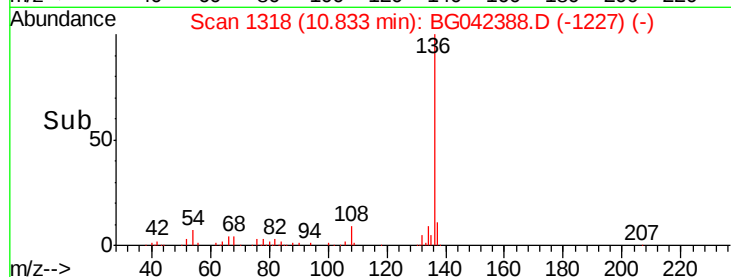
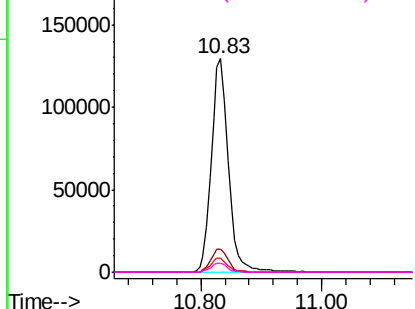
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG042388.D
Acq: 21 Aug 2019 18:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	253224
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.4	12.6
54 6.6	5.0	7.4
68 4.3	3.8	5.8

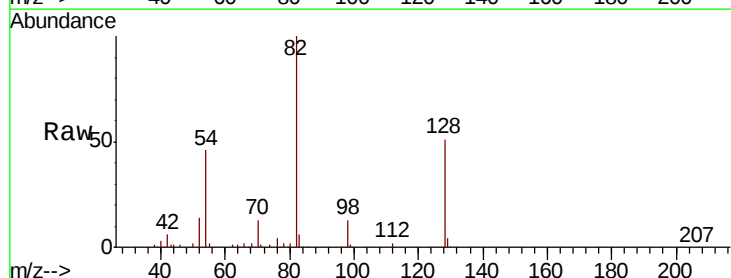


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

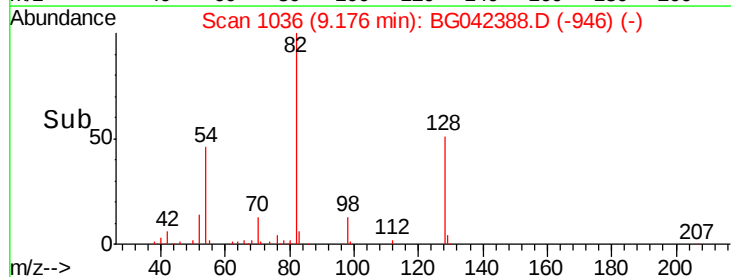
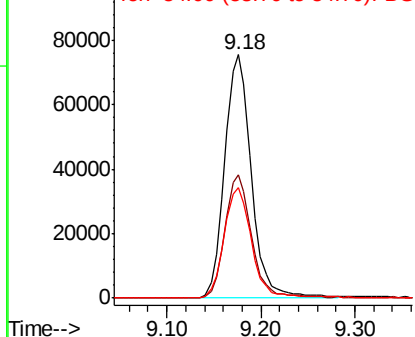


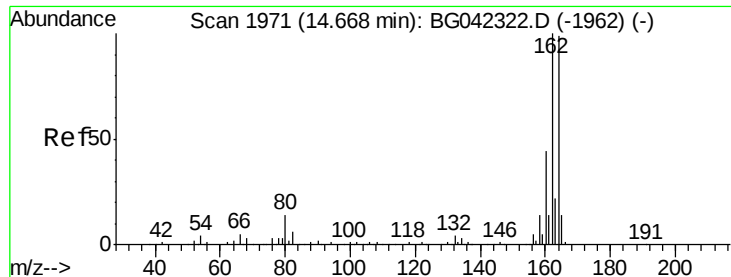
#23
Nitrobenzene-d5
Concen: 41.389 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042388.D
Acq: 21 Aug 2019 18:03

Tgt Ion: 82	Resp: 149015
Ion Ratio	Lower Upper
82 100	
128 50.9	41.0 61.4
54 45.6	38.0 57.0



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

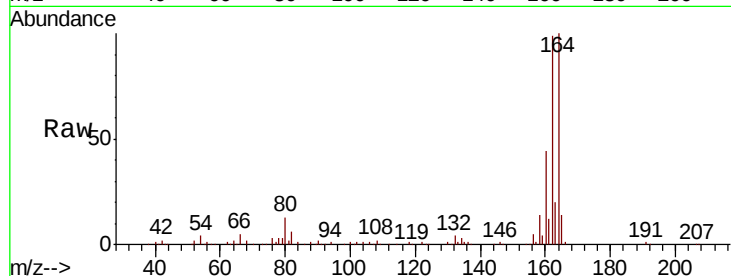




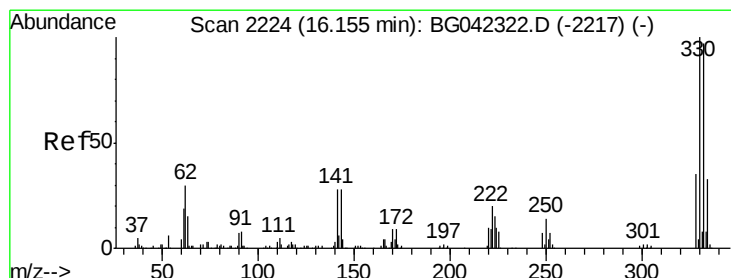
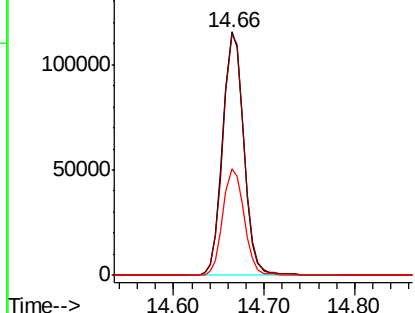
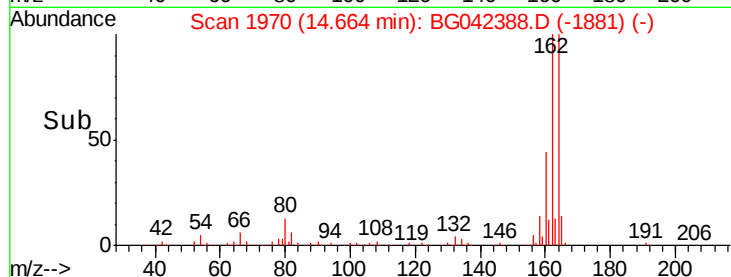
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042388.D
Acq: 21 Aug 2019 18:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 186463
Ion Ratio Lower Upper
164 100
162 98.8 80.6 120.8
160 43.7 35.7 53.5

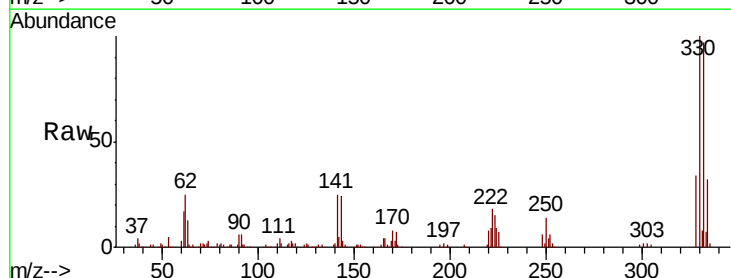


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

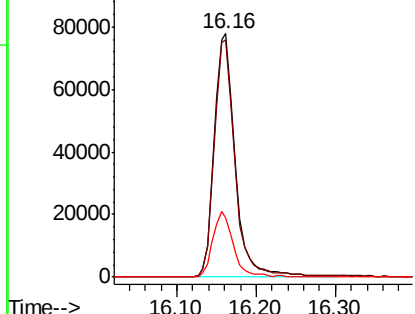
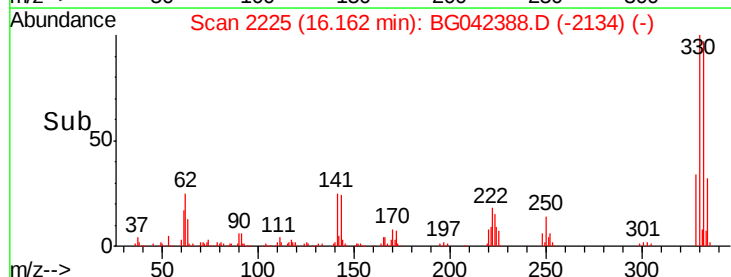


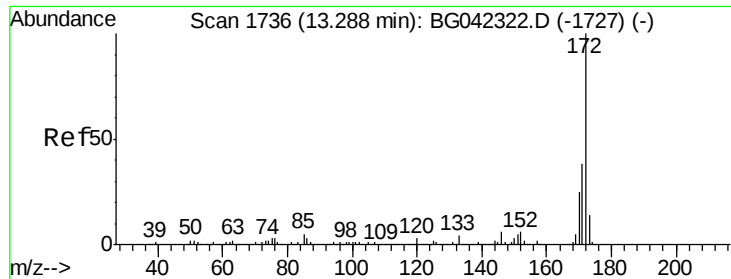
#42
2,4,6-Tribromophenol
Concen: 56.257 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BG042388.D
Acq: 21 Aug 2019 18:03

Tgt Ion:330 Resp: 142870
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 26.5 21.8 32.6



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

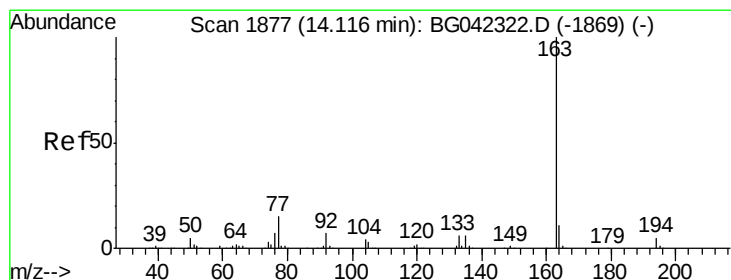
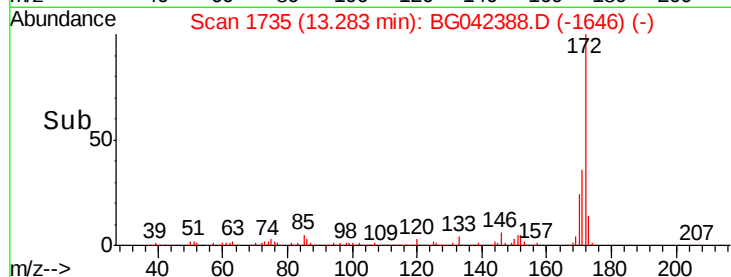
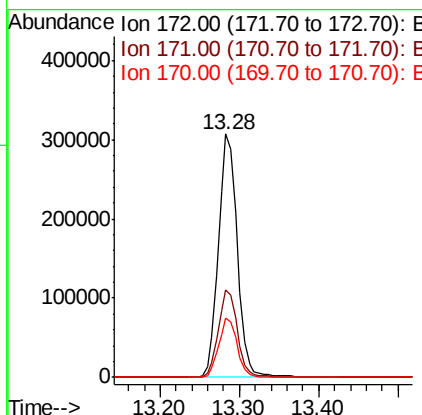
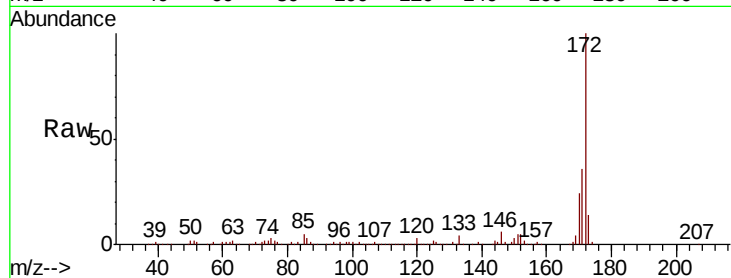




#45
 2-Fluorobiphenyl
 Concen: 46.056 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042388.D
 Acq: 21 Aug 2019 18:03

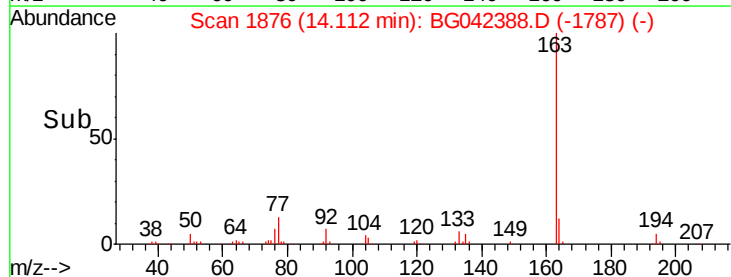
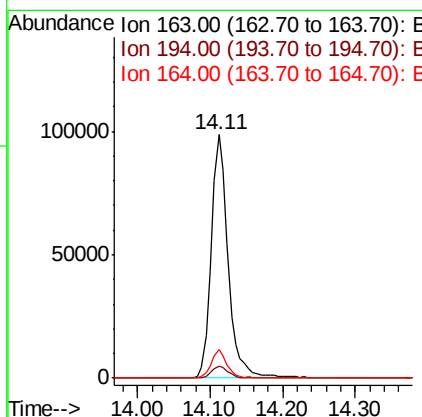
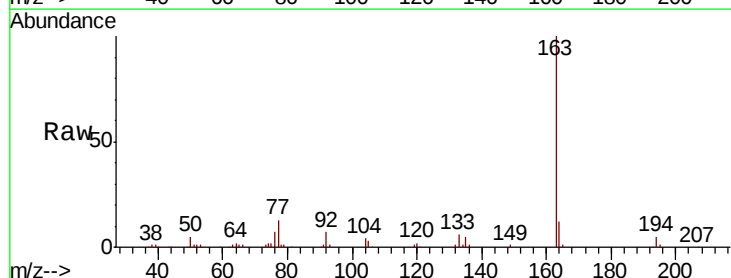
Instrument :
 BNA_G
 ClientSampleId :

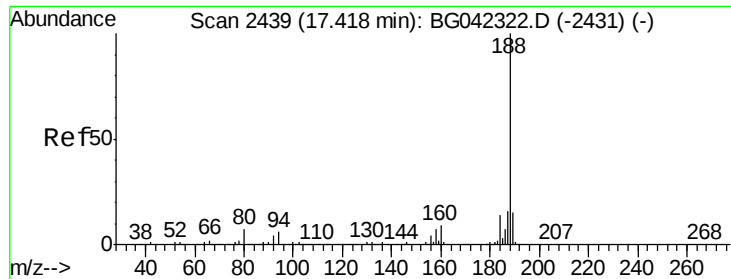
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.3	45.5
170	24.2	20.0	30.0



#50
 Dimethylphthalate
 Concen: 12.113 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: BG042388.D
 Acq: 21 Aug 2019 18:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	11.8	8.8	13.2

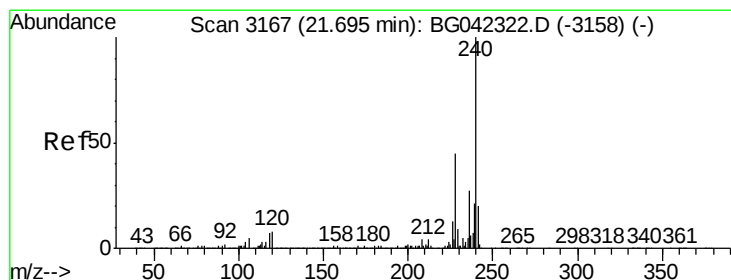
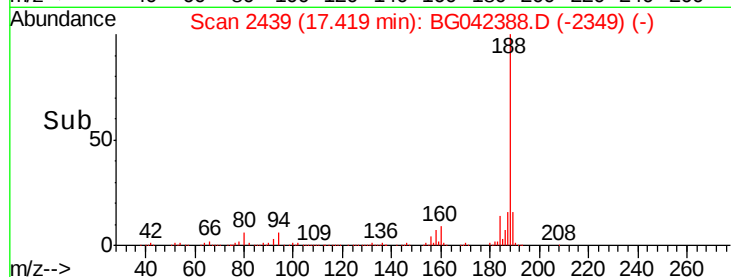
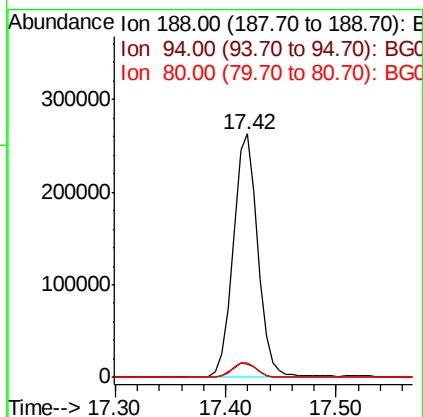
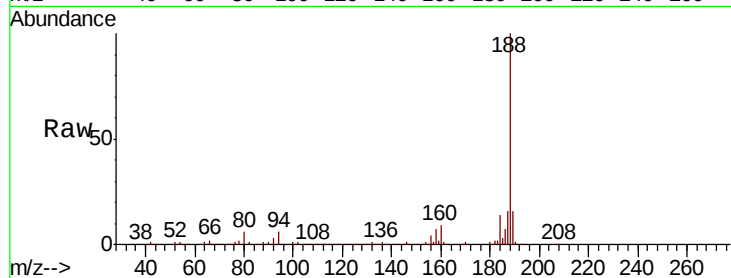




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042388.D
Acq: 21 Aug 2019 18:03

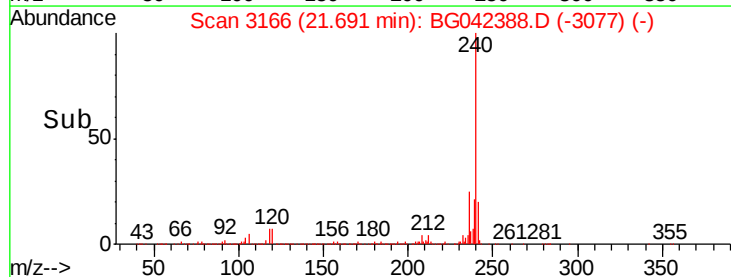
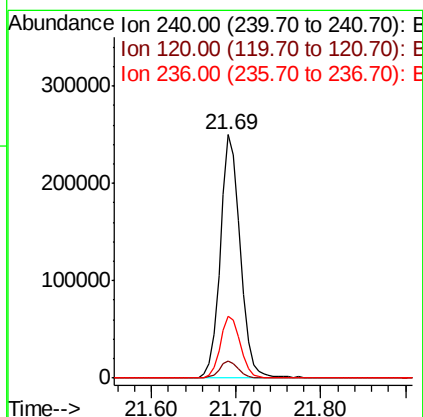
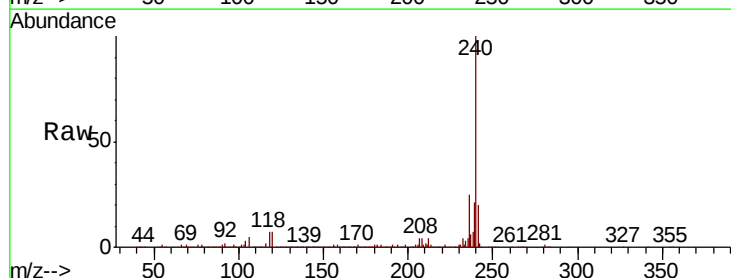
Instrument :
BNA_G
ClientSampleId :

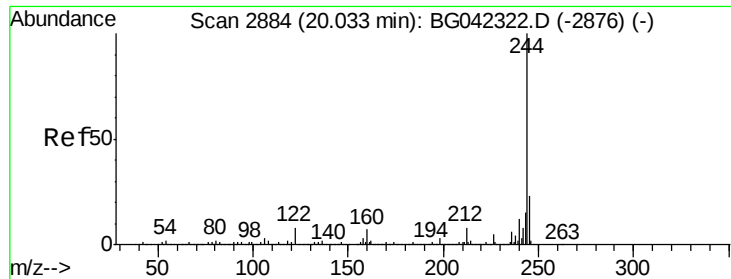
Tot Ion:188 Resp: 410951
Ion Ratio Lower Upper
188 100
94 5.7 4.9 7.3
80 6.2 5.4 8.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG042388.D
Acq: 21 Aug 2019 18:03

Tgt Ion:240 Resp: 411485
Ion Ratio Lower Upper
240 100
120 7.1 6.0 9.0
236 25.3 21.6 32.4





#79

Terphenyl-d14

Concen: 43.218 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042388.D

Acq: 21 Aug 2019 18:03

Instrument :

BNA_G

ClientSampled :

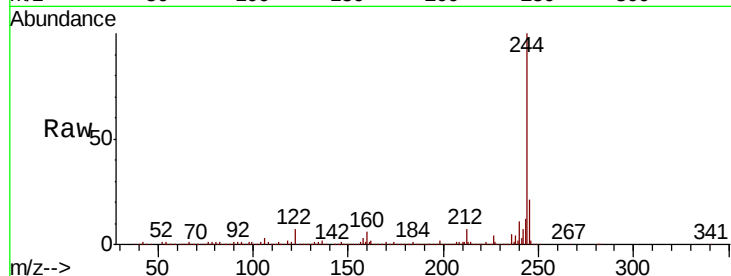
Tot Ion:244 Resp: 811929

Ion Ratio Lower Upper

244 100

212 6.9 6.4 9.6

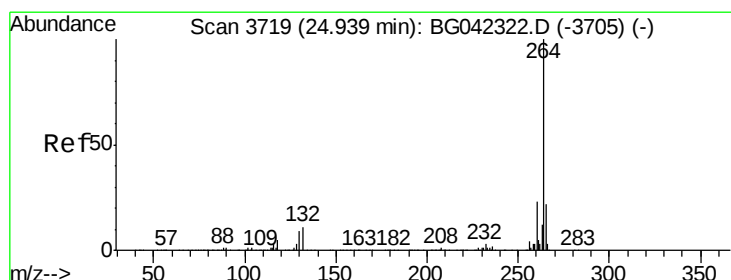
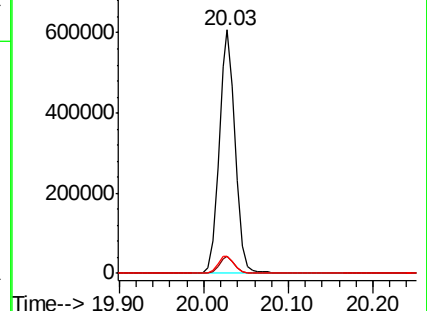
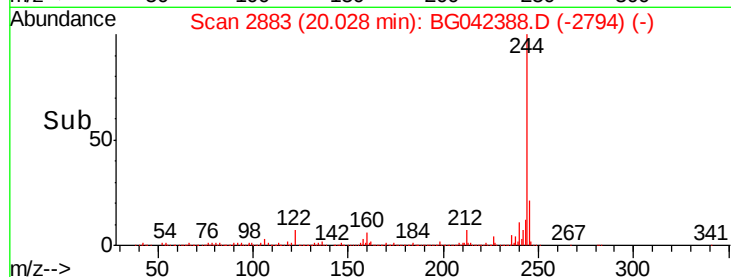
122 7.1 6.6 10.0



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: 24.94 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BG042388.D

Acq: 21 Aug 2019 18:03

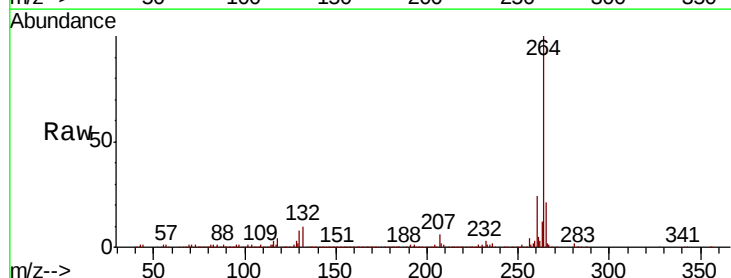
Tgt Ion:264 Resp: 483825

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 21.3 17.4 26.0



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

