

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG083019\
 Data File : BG042605.D
 Acq On : 30 Aug 2019 18:03
 Operator : HP/JU
 Sample : K4409-16
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 30 23:32:01 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

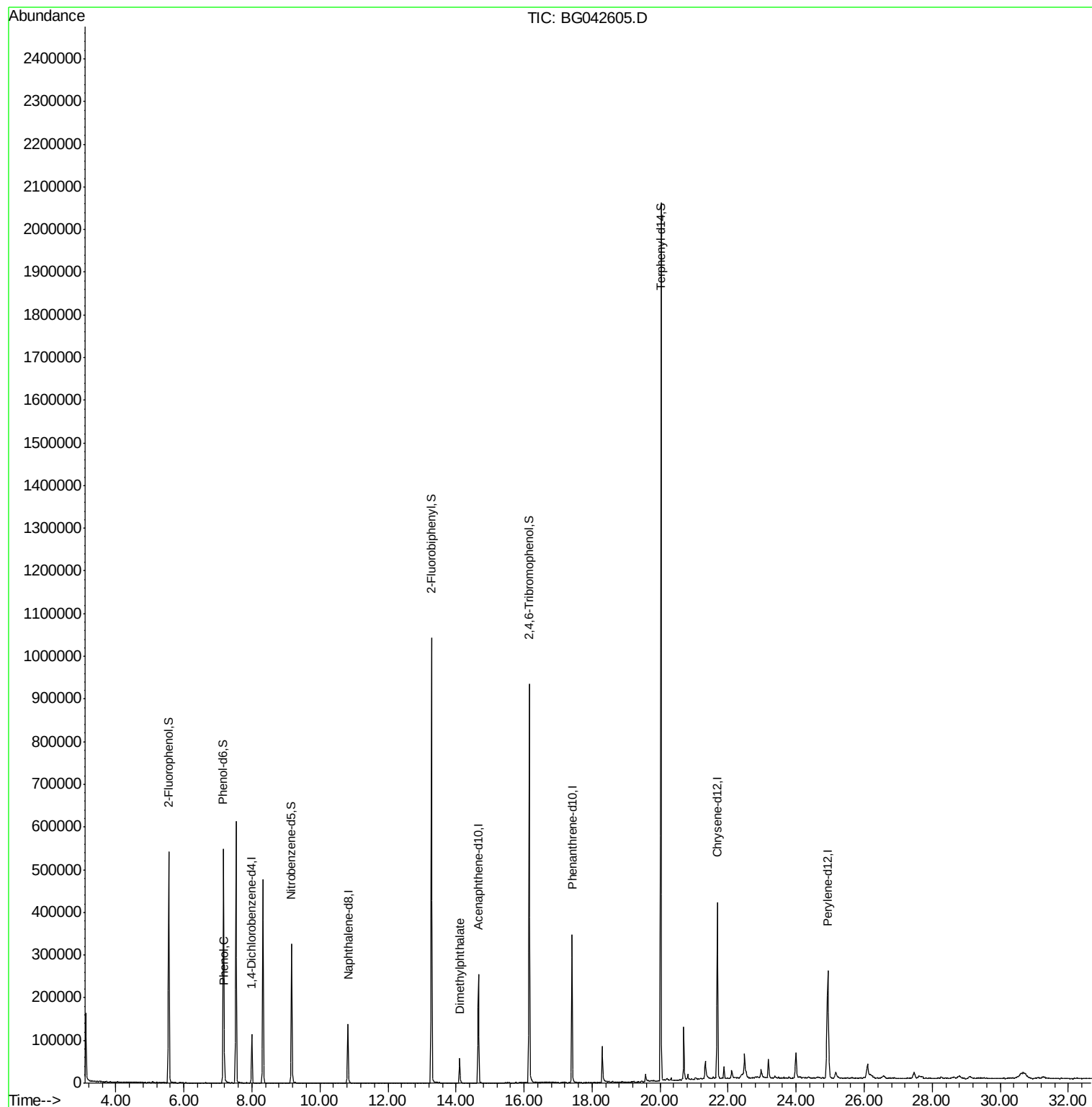
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	37391	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	143024	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	107924	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	248710	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	269354	20.00	ng	-0.02
87) Perylene-d12	24.92	264	311682	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	274849	148.87	ng	0.00
7) Phenol-d6	7.16	99	366379	146.92	ng	0.00
23) Nitrobenzene-d5	9.17	82	207180	100.10	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	239752	156.30	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	647769	101.51	ng	0.00
79) Terphenyl-d14	20.02	244	1117121	89.66	ng	0.00
Target Compounds						
10) Phenol	7.19	94	20821	8.212	ng	88
50) Dimethylphthalate	14.11	163	56236	7.222	ng	98

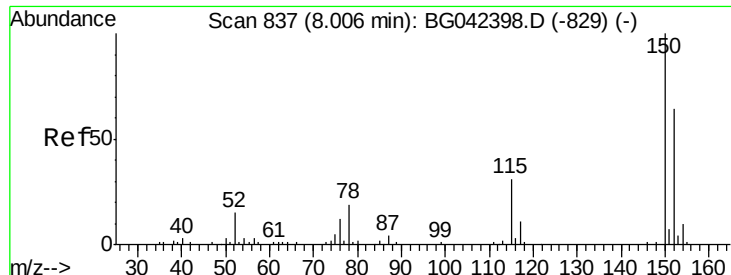
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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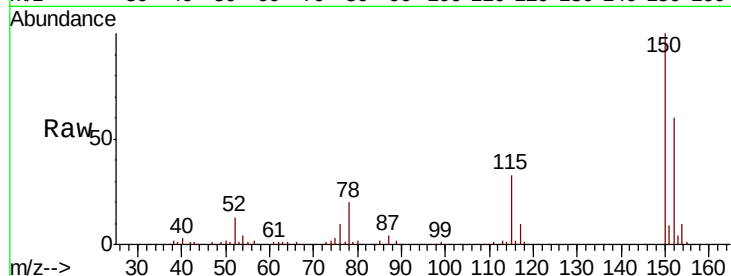


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.3	125.4	188.0
115	55.2	38.5	57.7

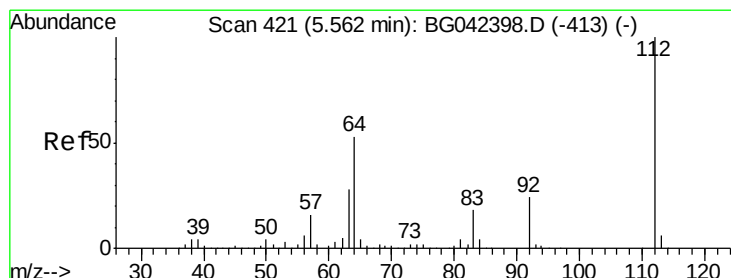
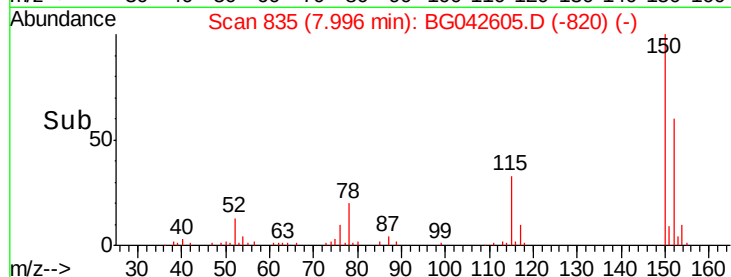
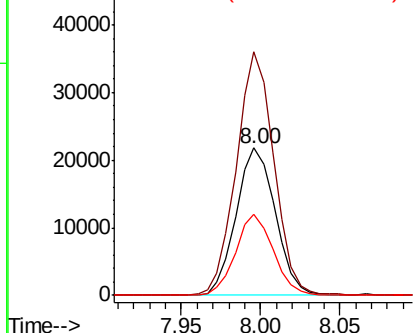


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

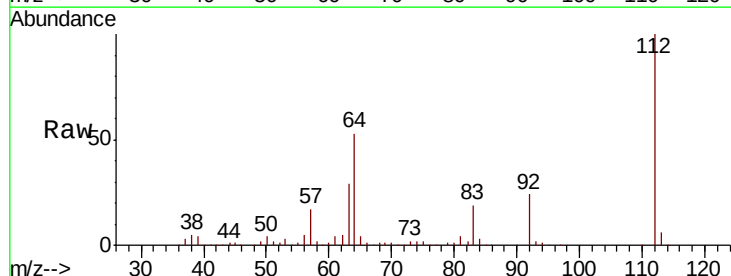
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 148.873 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	42.8	64.2
63	29.1	22.7	34.1

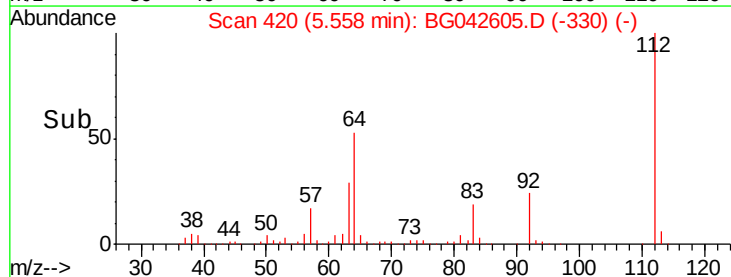
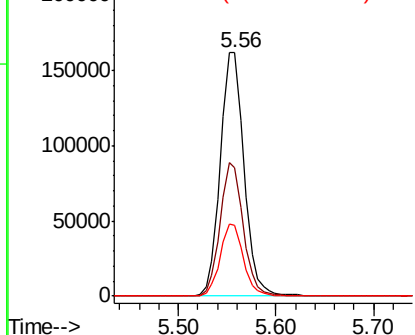


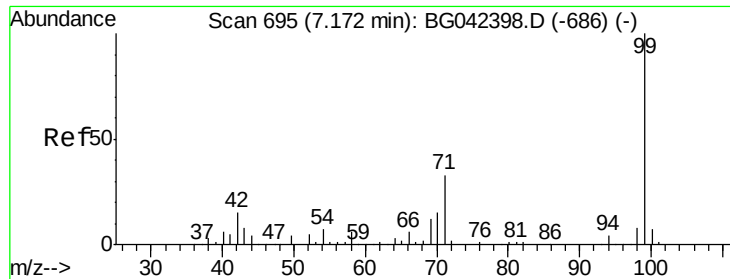
Abundance

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: 146.916 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042605.D

Acq: 30 Aug 2019 18:03

Instrument :

BNA_G

ClientSampled :

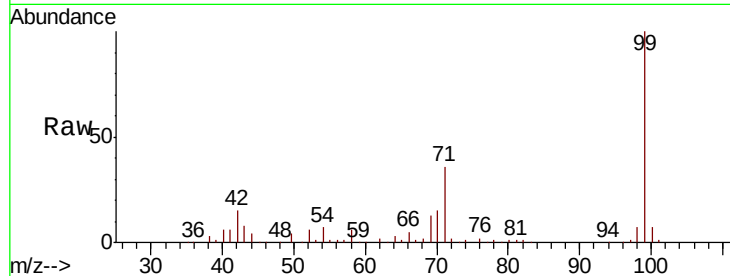
Tot Ion: 99 Resp: 366379

Ion Ratio Lower Upper

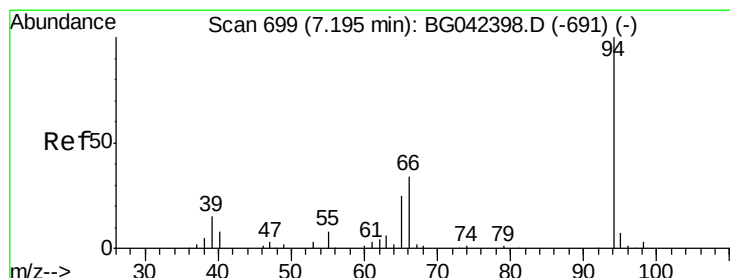
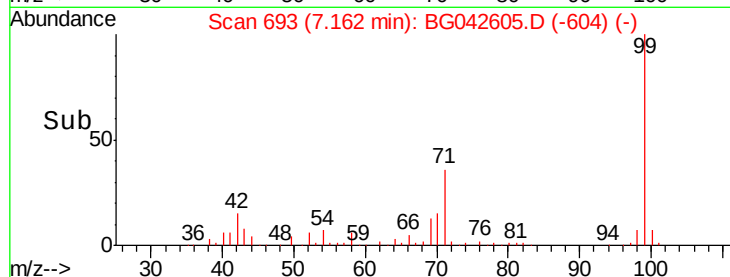
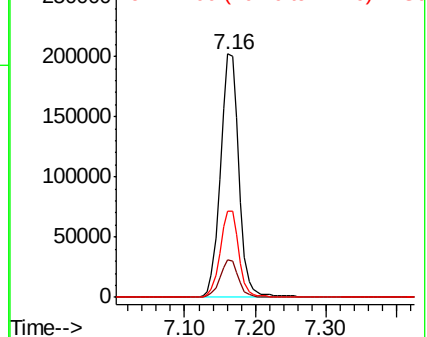
99 100

42 15.4 12.0 18.0

71 35.5 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: 8.212 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042605.D

Acq: 30 Aug 2019 18:03

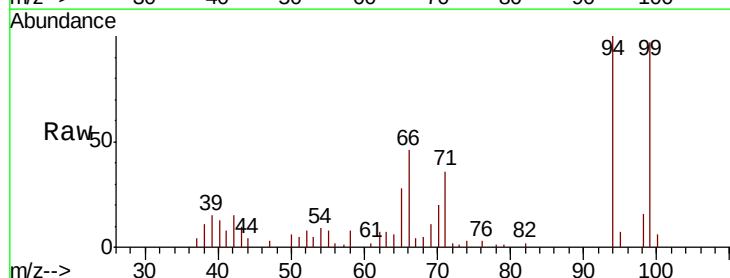
Tgt Ion: 94 Resp: 20821

Ion Ratio Lower Upper

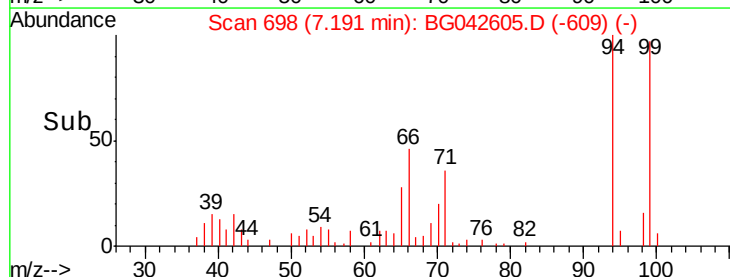
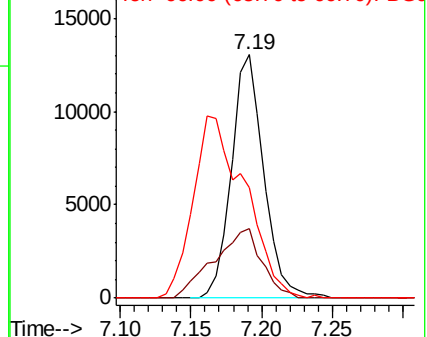
94 100

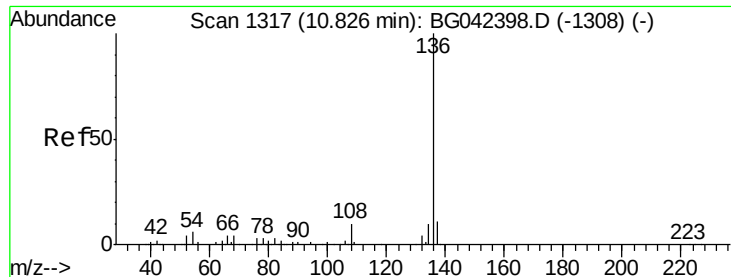
65 28.3 5.6 45.6

66 45.6 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

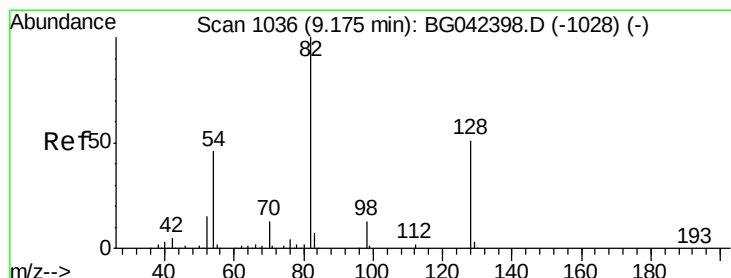
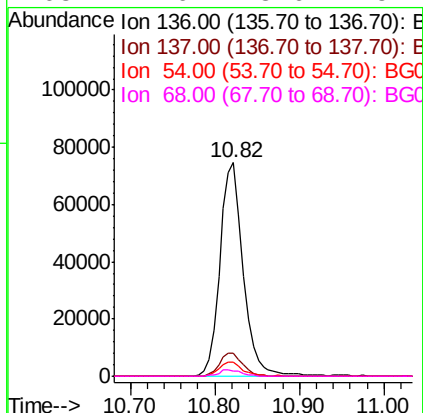
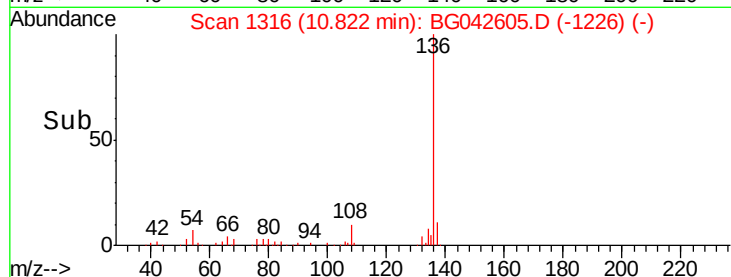
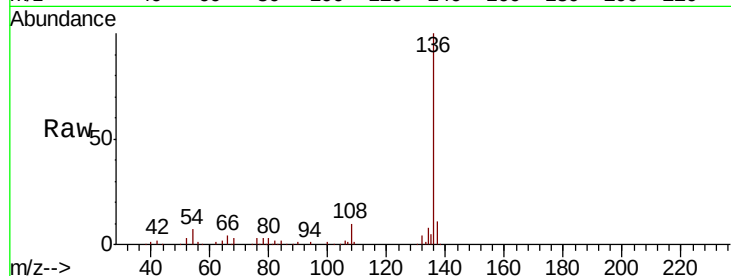




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

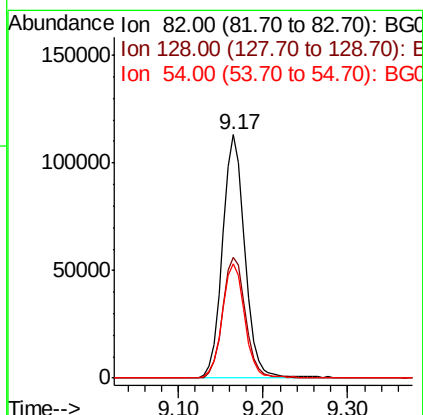
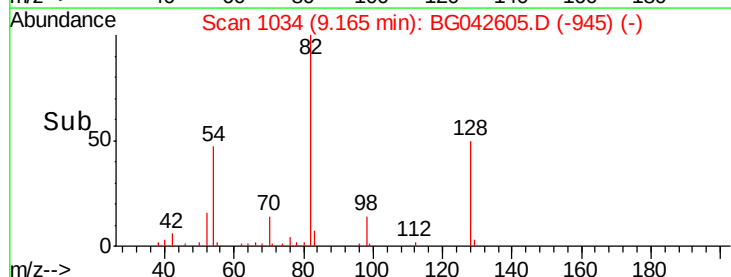
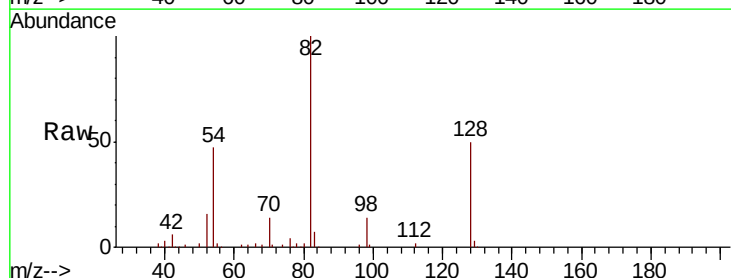
Instrument :
BNA_G
ClientSampleId :

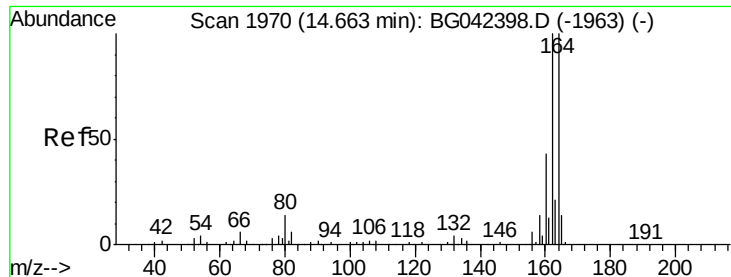
Tot Ion:136	Resp:	143024
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.7 13.1
54	6.7	4.9 7.3
68	2.6	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 100.102 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Tgt Ion: 82	Resp:	207180
Ion	Ratio	Lower Upper
82	100	
128	49.8	40.7 61.1
54	47.1	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: BG042605.D

Acq: 30 Aug 2019 18:03

Instrument :

BNA_G

ClientSampleId :

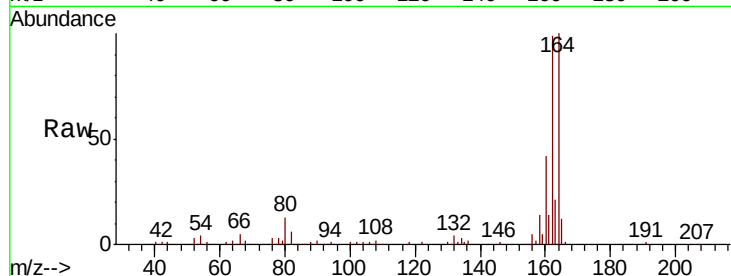
Tot Ion:164 Resp: 107924

Ion Ratio Lower Upper

164 100

162 98.7 79.9 119.9

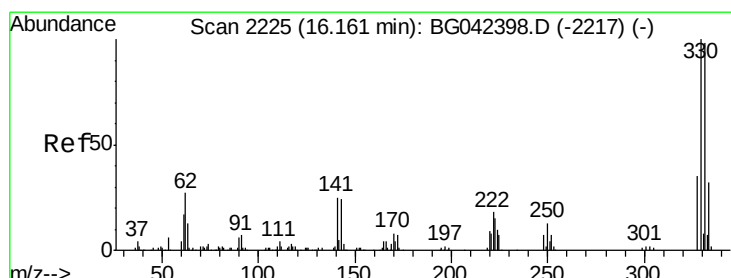
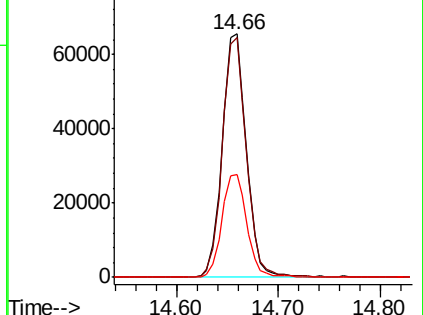
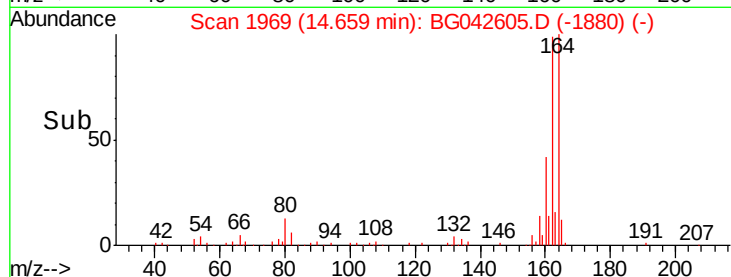
160 42.0 34.3 51.5



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: 156.296 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042605.D

Acq: 30 Aug 2019 18:03

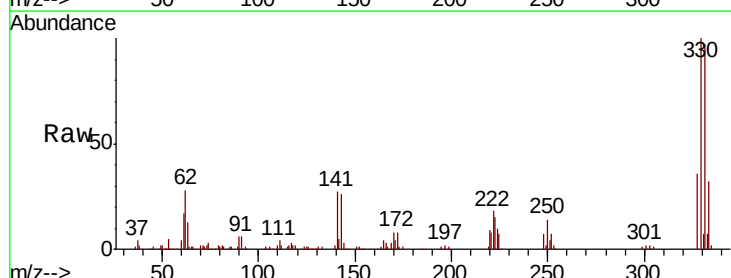
Tgt Ion:330 Resp: 239752

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

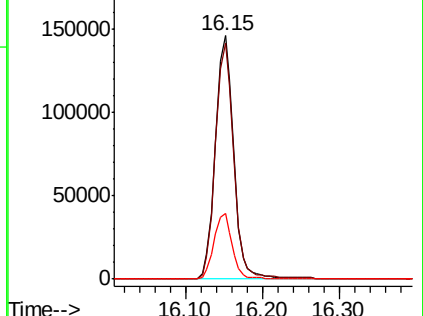
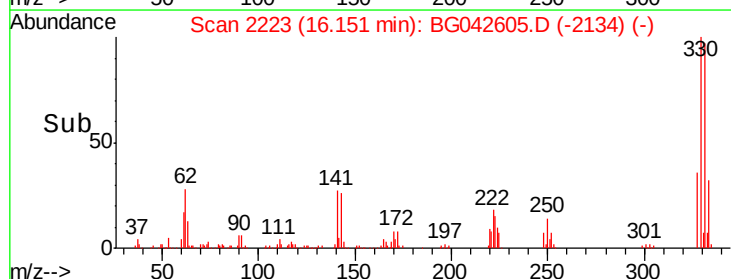
141 26.9 21.4 32.0

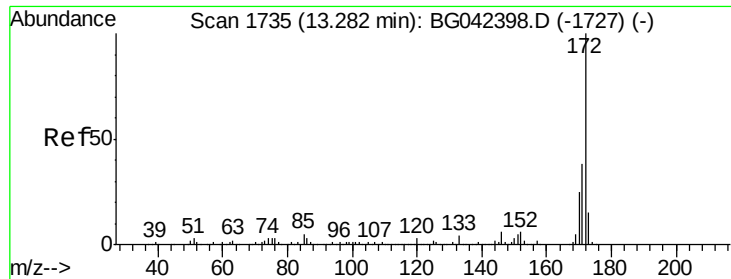


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

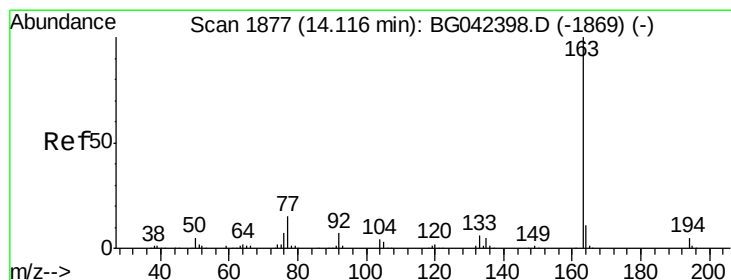
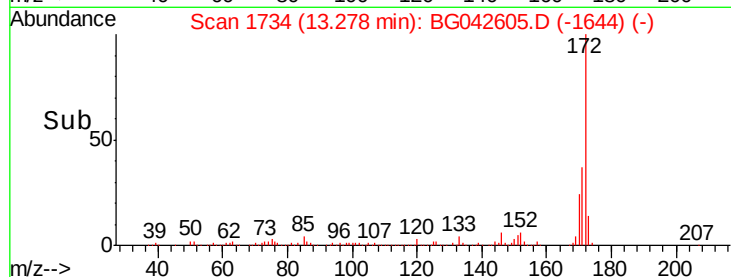
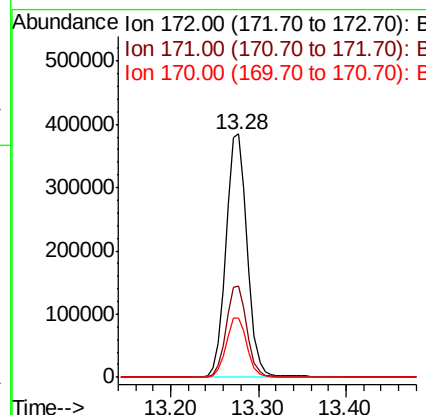
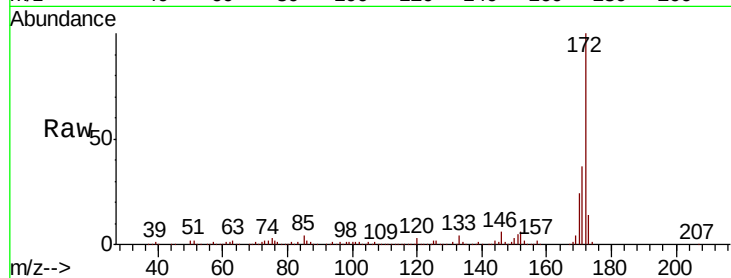




#45
2-Fluorobiphenyl
Concen: 101.512 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

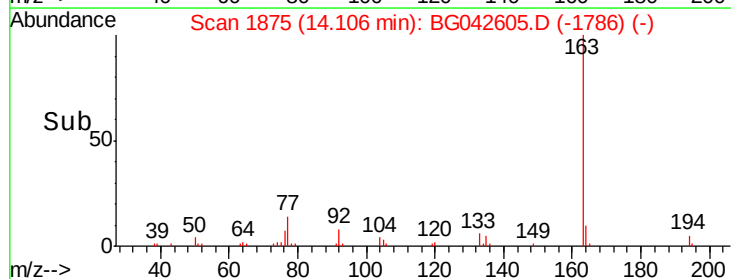
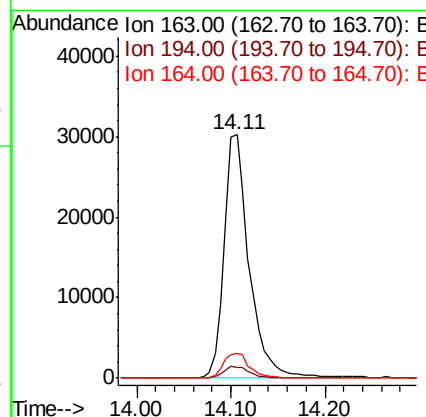
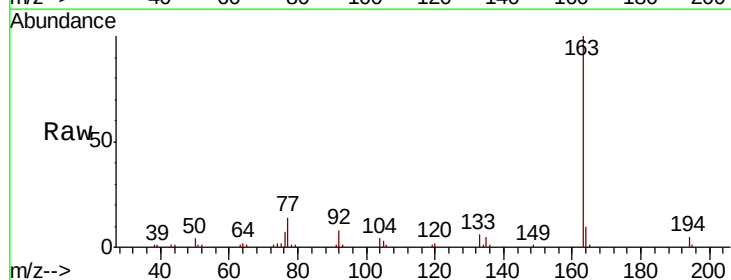
Instrument :
BNA_G
ClientSampleId :

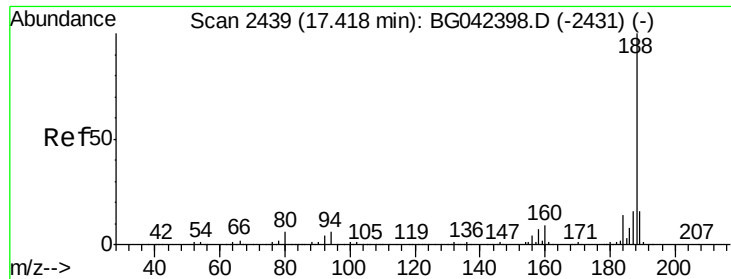
Tot Ion:172 Resp: 647769
Ion Ratio Lower Upper
172 100
171 37.3 30.5 45.7
170 24.3 20.2 30.2



#50
Dimethylphthalate
Concen: 7.222 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Tgt Ion:163 Resp: 56236
Ion Ratio Lower Upper
163 100
194 4.6 4.2 6.2
164 10.2 8.8 13.2

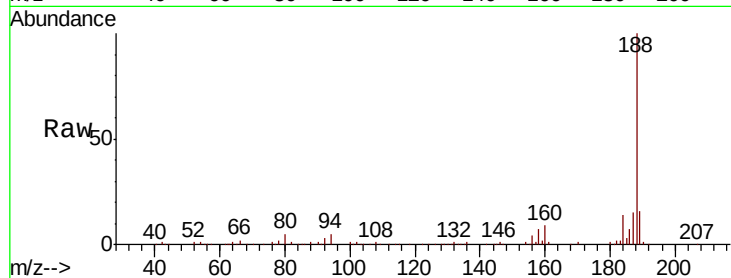




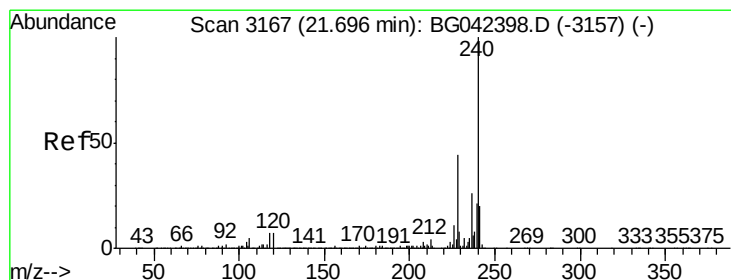
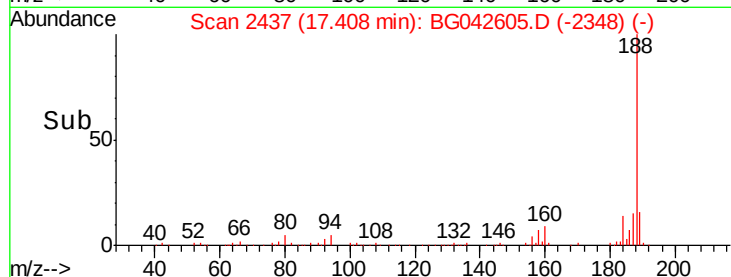
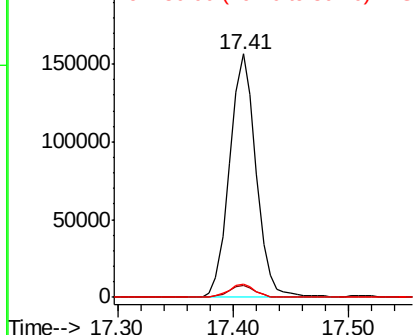
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 248710
Ion Ratio Lower Upper
188 100
94 4.7 4.5 6.7
80 5.3 4.9 7.3

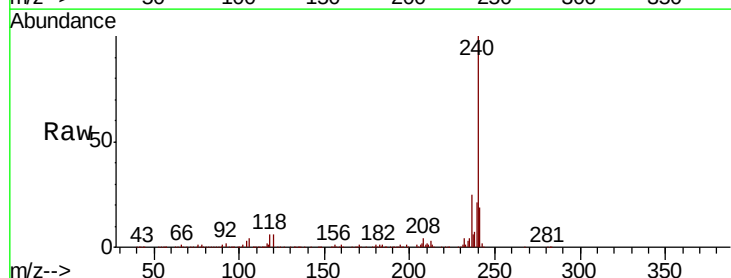


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

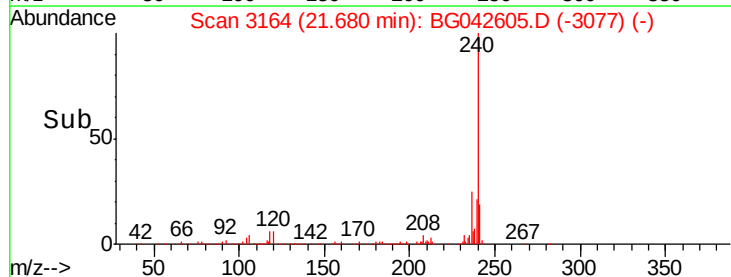
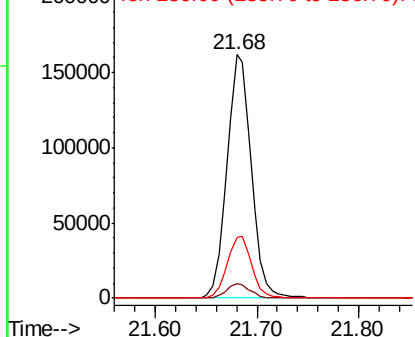


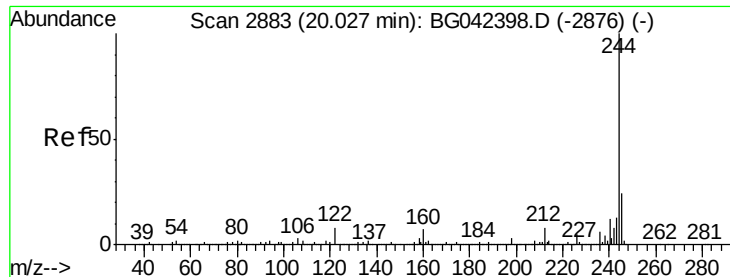
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Tgt Ion:240 Resp: 269354
Ion Ratio Lower Upper
240 100
120 5.8 5.7 8.5
236 24.8 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: 89.664 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042605.D

Acq: 30 Aug 2019 18:03

Instrument :

BNA_G

ClientSampleId :

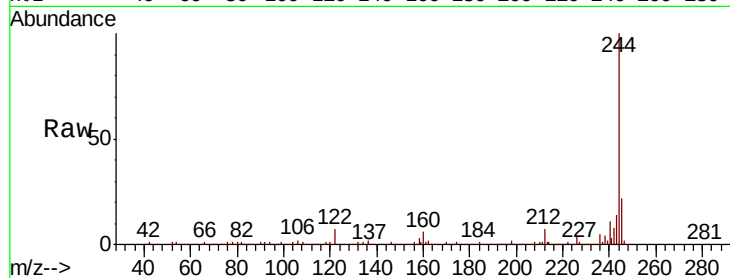
Tot Ion:244 Resp: 1117121

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

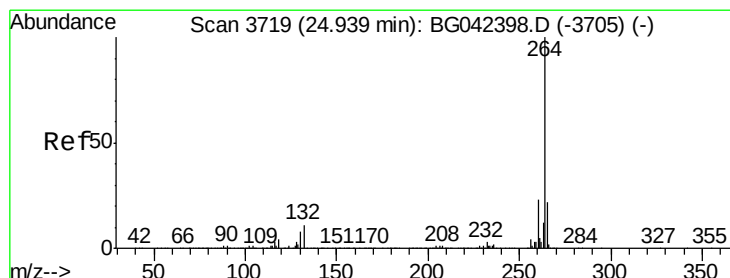
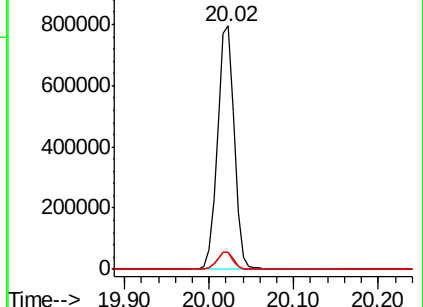
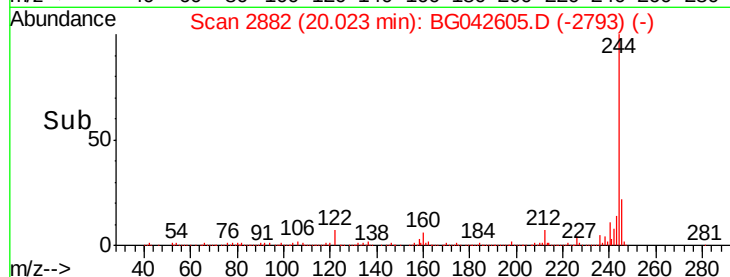
122 6.7 6.7 10.1



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: BG042605.D

Acq: 30 Aug 2019 18:03

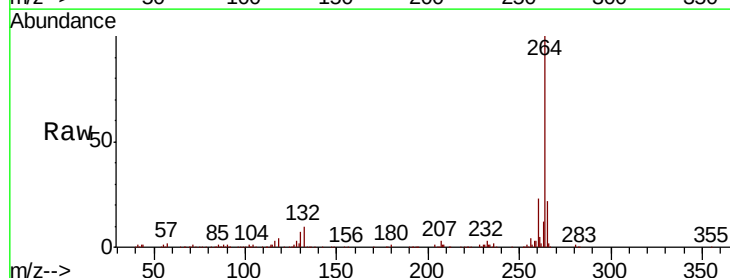
Tgt Ion:264 Resp: 311682

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.4 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

