

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042445.D
 Acq On : 23 Aug 2019 22:39
 Operator : HP/JU
 Sample : K4090-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219

Quant Time: Aug 24 02:31:54 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

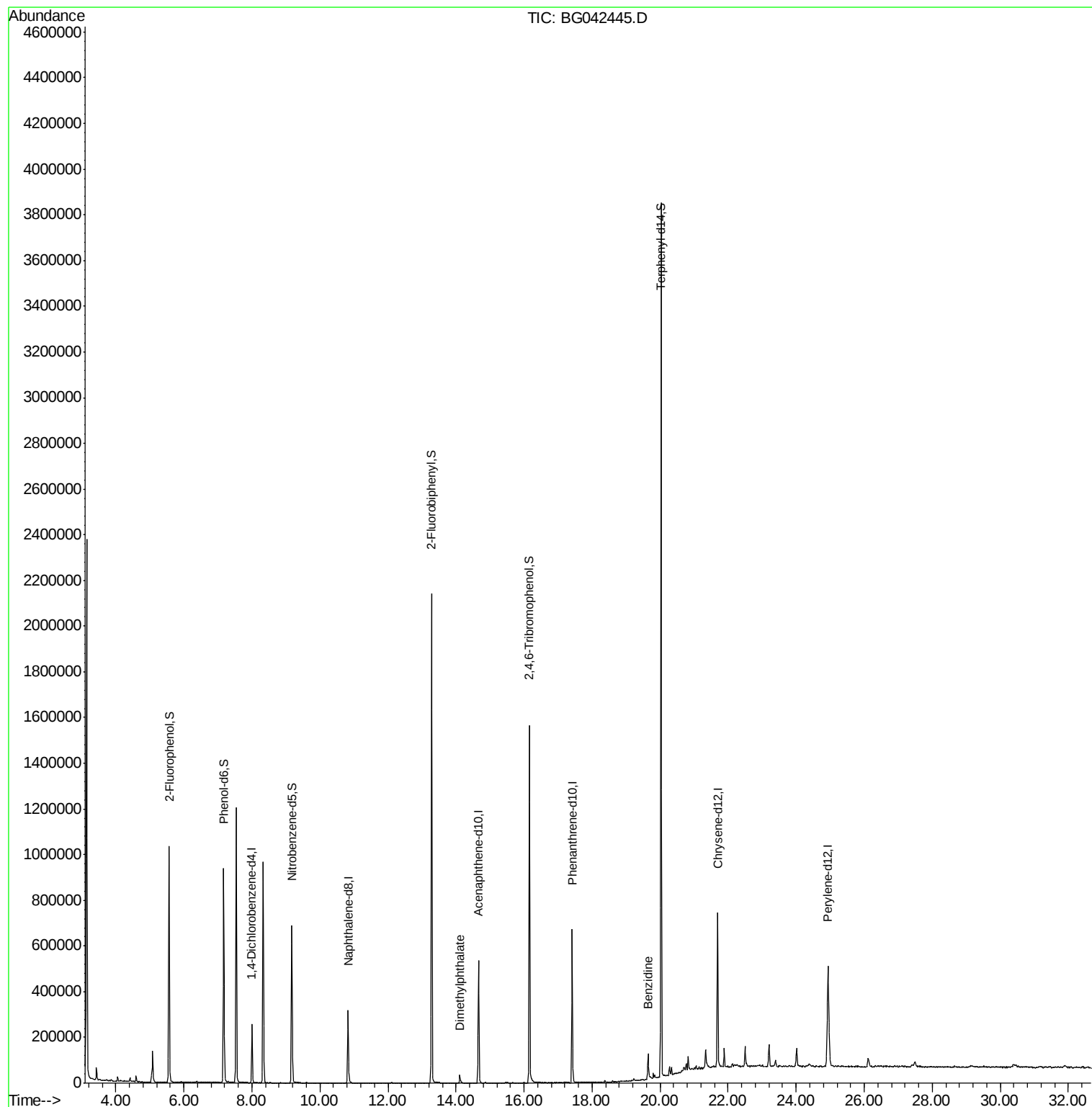
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	81420	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	324956	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	218617	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	444914	20.00	ng	0.00
76) Chrysene-d12	21.69	240	430062	20.00	ng	0.00
87) Perylene-d12	24.94	264	497458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	521990	129.84	ng	0.00
7) Phenol-d6	7.17	99	656115	120.82	ng	0.00
23) Nitrobenzene-d5	9.17	82	460383	97.90	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	352696	113.51	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1230830	95.22	ng	0.00
79) Terphenyl-d14	20.03	244	1790848	90.03	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	34786	2.205	ng	Qvalue # 96
77) Benzidine	19.65	184	93098	7.550	ng	97

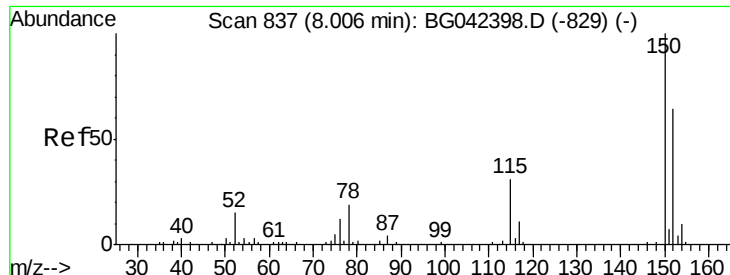
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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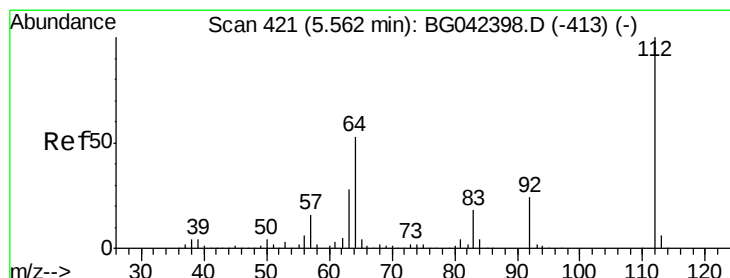
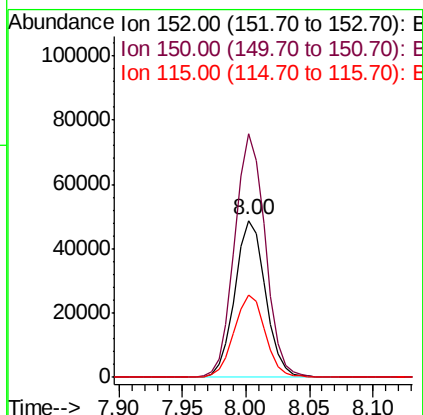
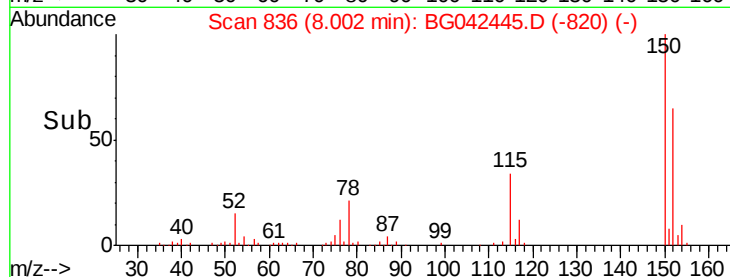
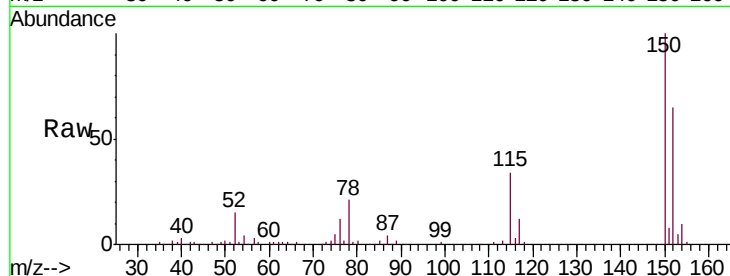


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042445.D
Acq: 23 Aug 2019 22:39

Instrument :
BNA_G
ClientSampleId :
OR-03-082219

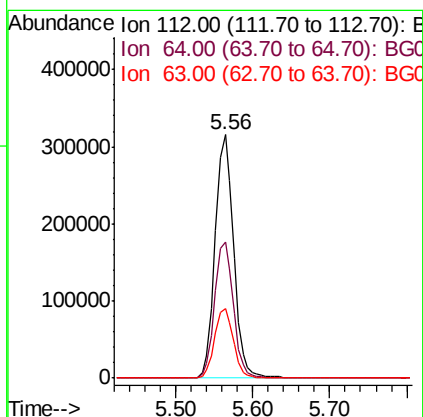
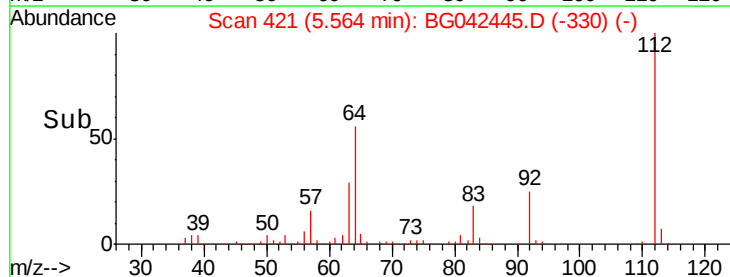
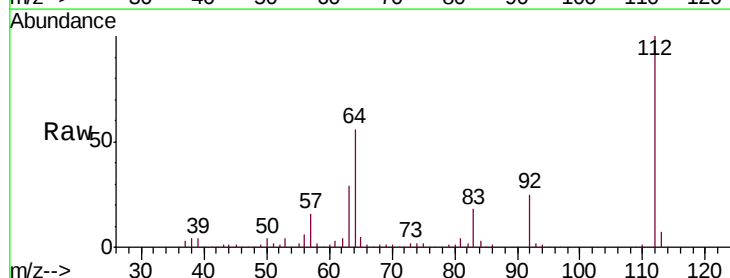
Tot Ion:152 Resp: 81420
Ion Ratio Lower Upper
152 100
150 155.0 125.4 188.0
115 52.7 38.5 57.7

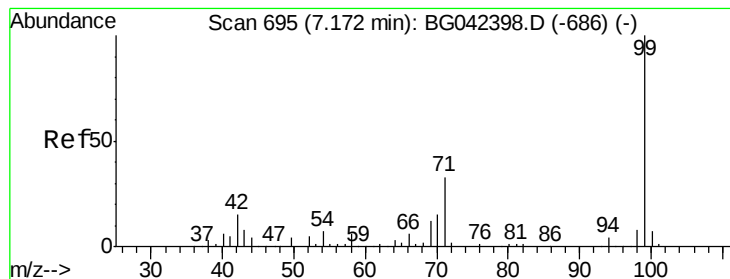


#5

2-Fluorophenol
Concen: 129.843 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042445.D
Acq: 23 Aug 2019 22:39

Tgt Ion:112 Resp: 521990
Ion Ratio Lower Upper
112 100
64 56.0 42.8 64.2
63 28.8 22.7 34.1





#7

Phenol-d6

Concen: 120.824 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG042445.D

Acq: 23 Aug 2019 22:39

Instrument :

BNA_G

ClientSampleId :

OR-03-082219

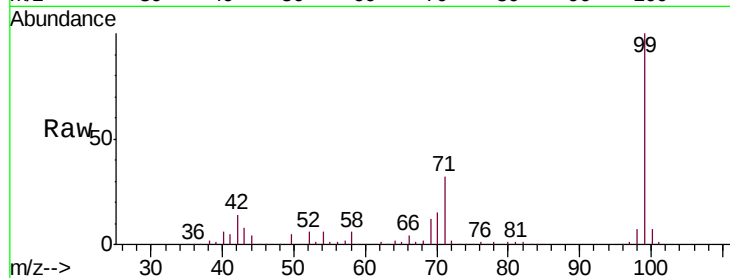
Tot Ion: 99 Resp: 656115

Ion Ratio Lower Upper

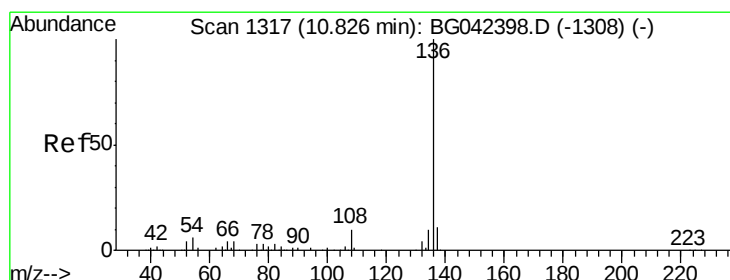
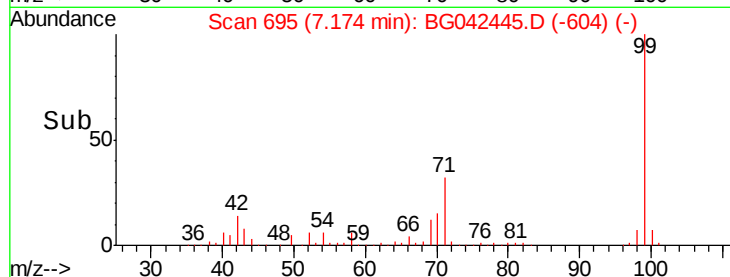
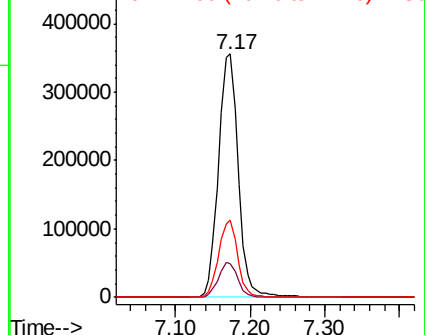
99 100

42 13.8 12.0 18.0

71 31.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042445.D

Acq: 23 Aug 2019 22:39

Tgt Ion: 136 Resp: 324956

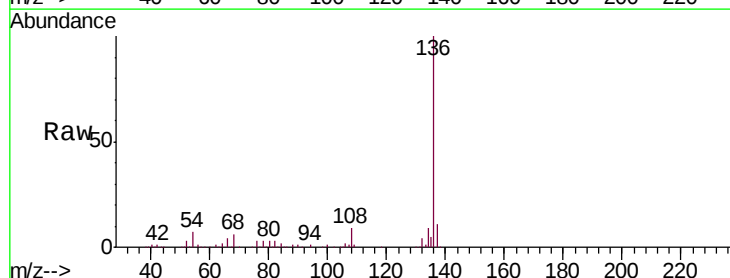
Ion Ratio Lower Upper

136 100

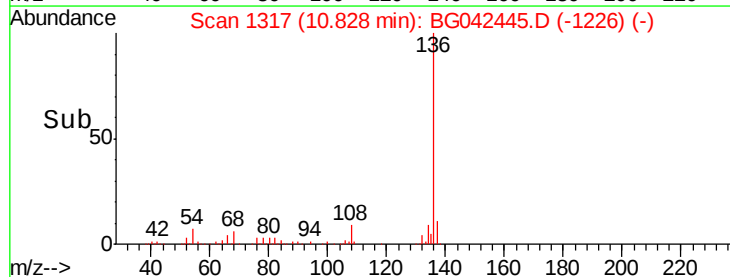
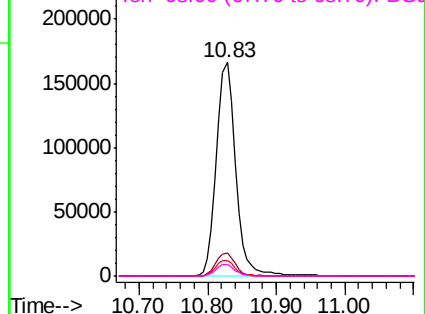
137 11.0 8.7 13.1

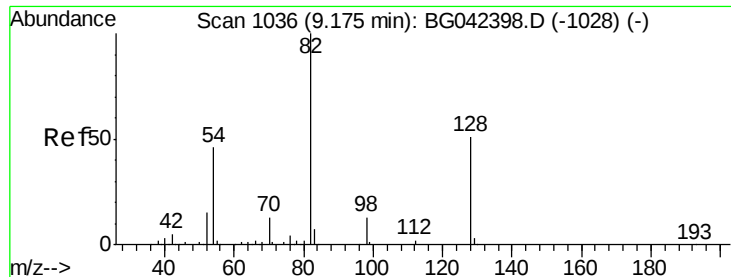
54 7.0 4.9 7.3

68 5.5 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

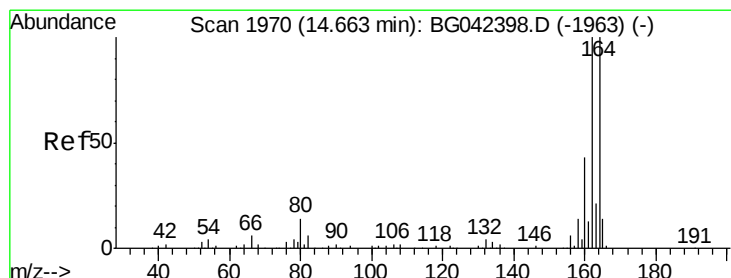
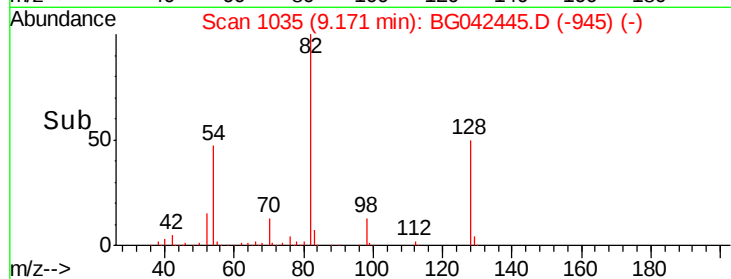
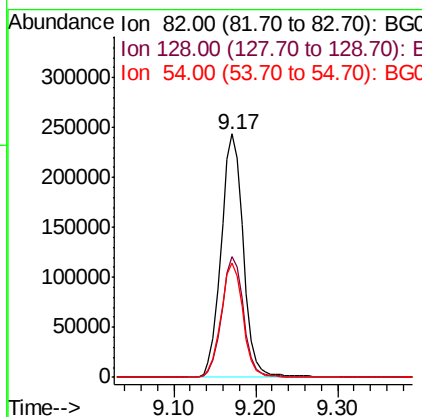
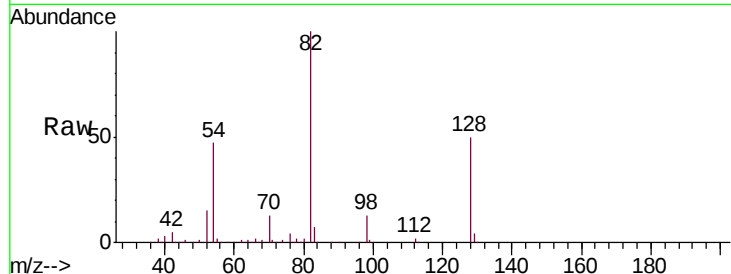




#23
Nitrobenzene-d5
Concen: 97.903 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042445.D
Acq: 23 Aug 2019 22:39

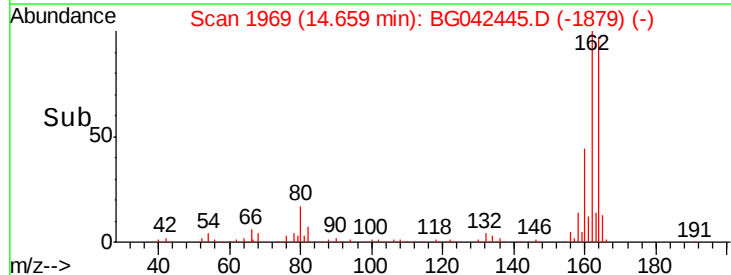
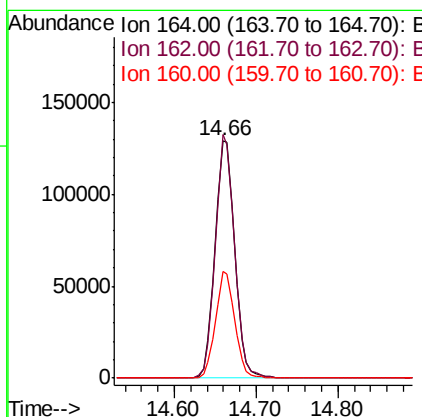
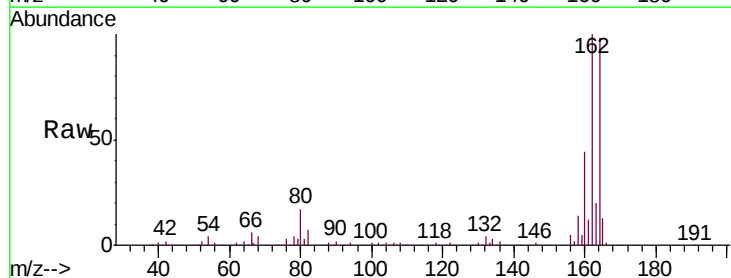
Instrument :
BNA_G
ClientSampleId :
OR-03-082219

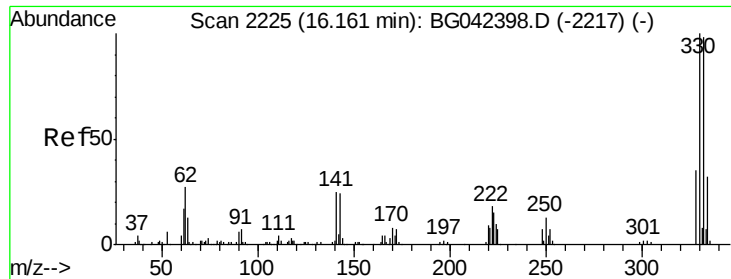
Tot Ion	82	Resp	460383
Ion Ratio	Lower	Upper	
82	100		
128	49.7	40.7	61.1
54	46.9	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042445.D
Acq: 23 Aug 2019 22:39

Tgt Ion	164	Resp	218617
Ion Ratio	Lower	Upper	
164	100		
162	102.4	79.9	119.9
160	44.8	34.3	51.5

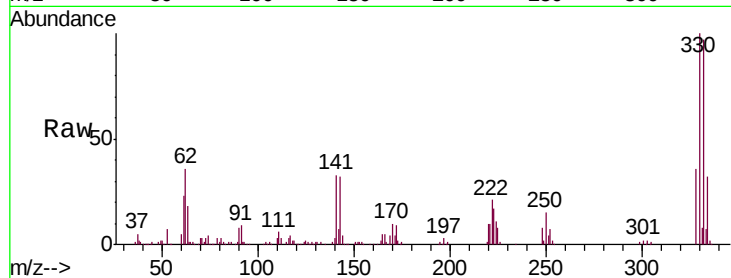




#42
 2,4,6-Tribromophenol
 Concen: 113.506 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: BG042445.D
 Acq: 23 Aug 2019 22:39

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	32.5	21.4	32.0#

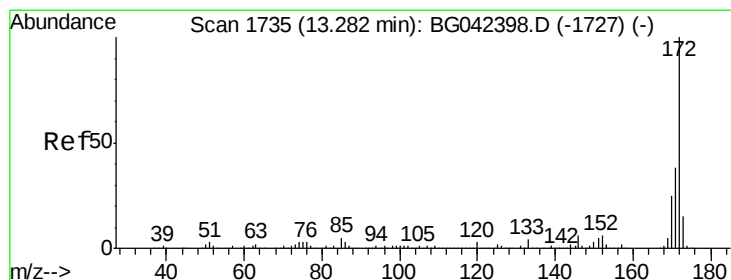
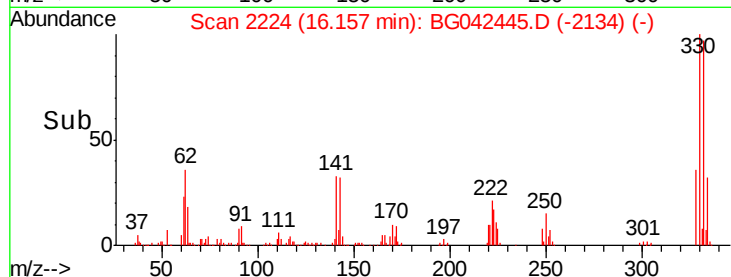
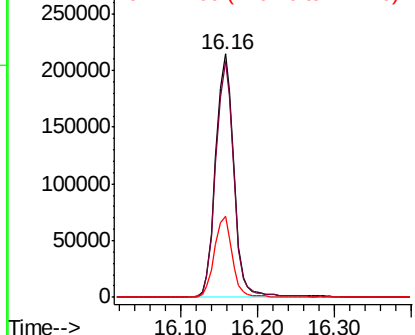


Abundance

Ion 329.80 (329.50 to 330.50): E

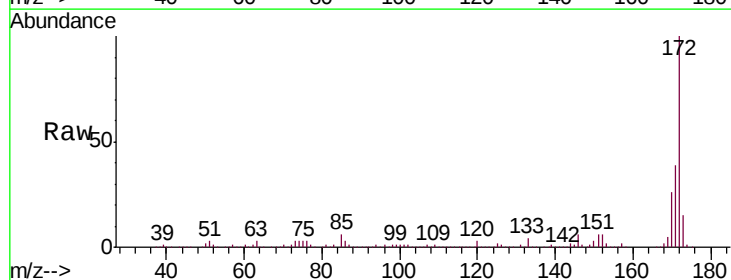
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.221 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG042445.D
 Acq: 23 Aug 2019 22:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.5	45.7
170	25.9	20.2	30.2

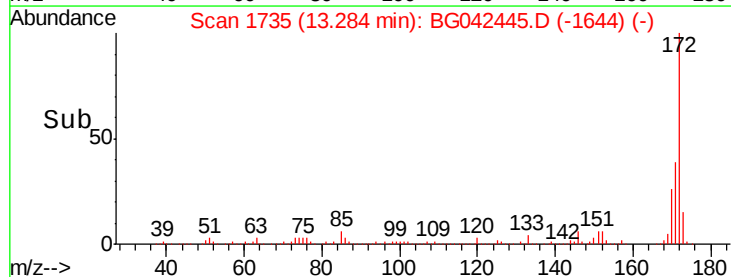
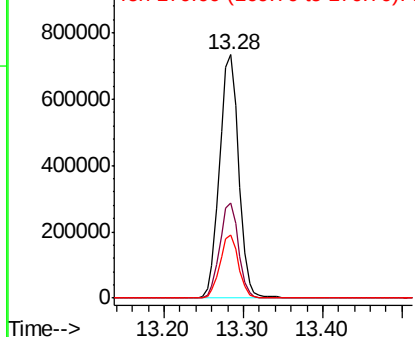


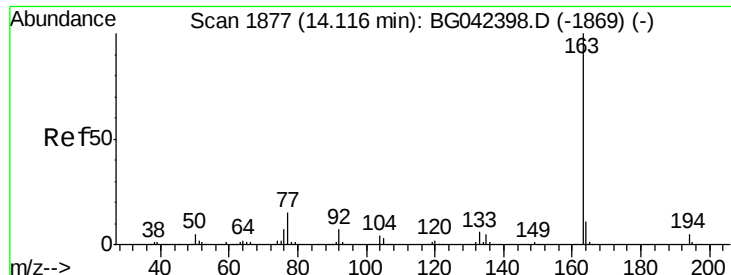
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.205 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG042445.D

Acq: 23 Aug 2019 22:39

Instrument :

BNA_G

ClientSampleId :

OR-03-082219

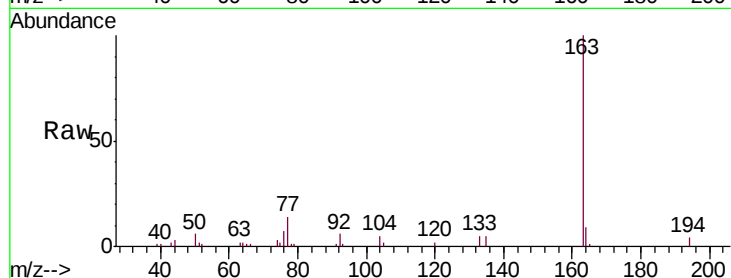
Tot Ion:163 Resp: 34786

Ion Ratio Lower Upper

163 100

194 4.1 4.2 6.2#

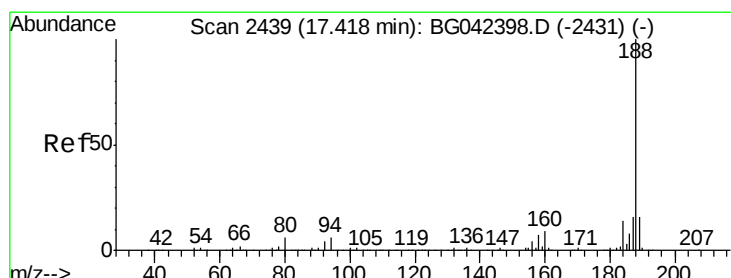
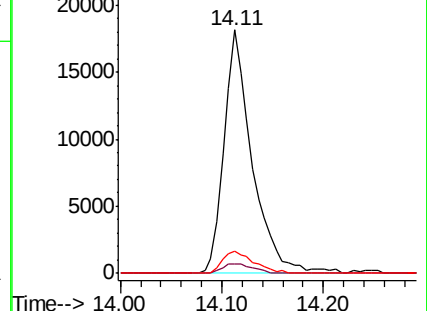
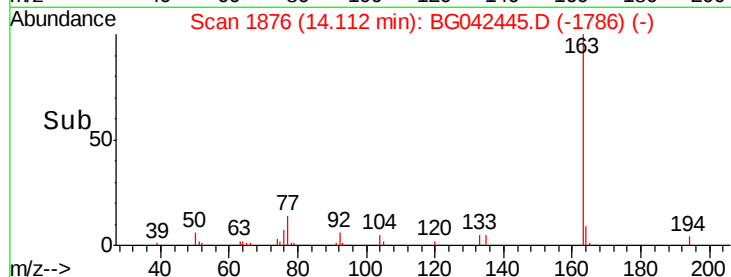
164 9.3 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG042445.D

Acq: 23 Aug 2019 22:39

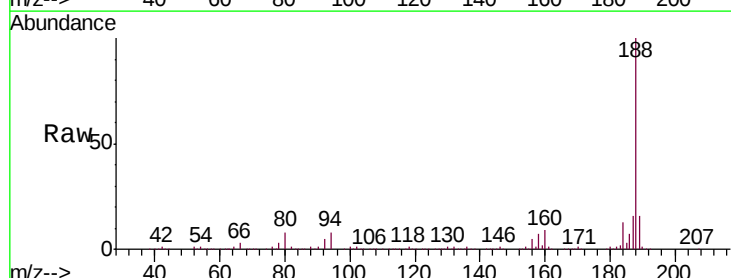
Tgt Ion:188 Resp: 444914

Ion Ratio Lower Upper

188 100

94 8.0 4.5 6.7#

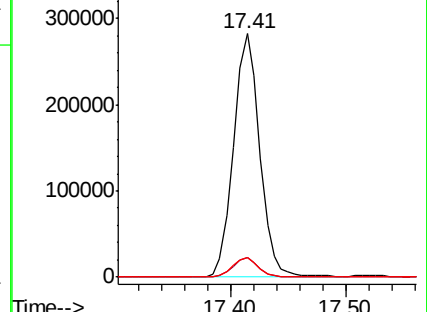
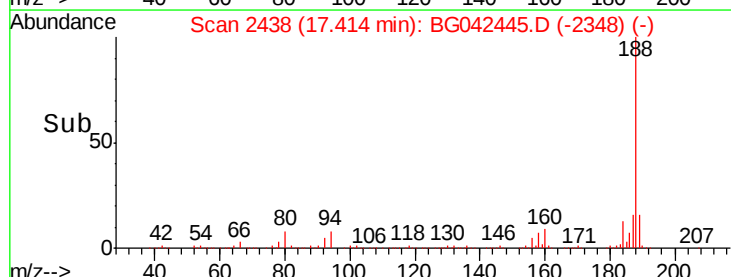
80 8.2 4.9 7.3#

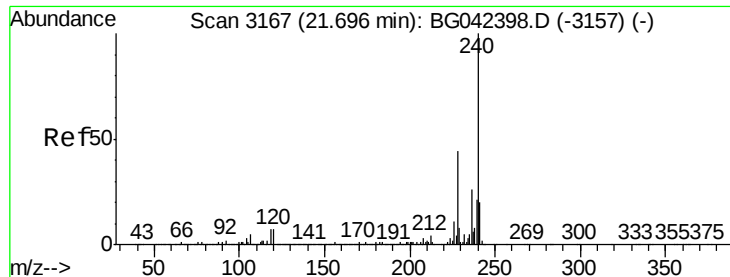


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG042445.D

Acq: 23 Aug 2019 22:39

Instrument :

BNA_G

ClientSampleId :

OR-03-082219

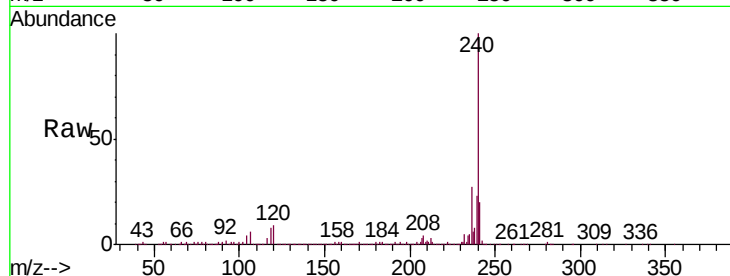
Tot Ion:240 Resp: 430062

Ion Ratio Lower Upper

240 100

120 8.8 5.7 8.5#

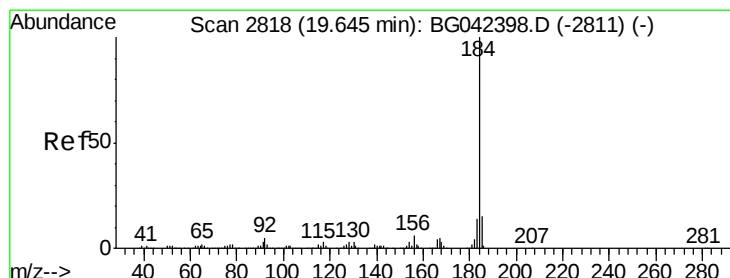
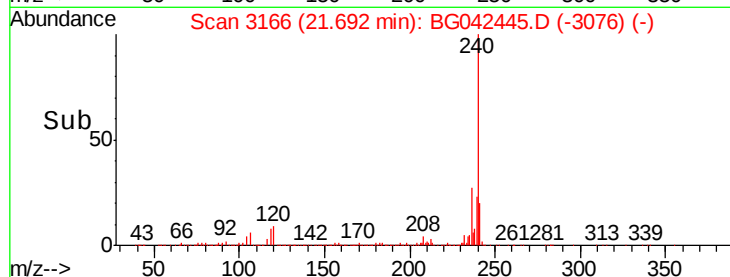
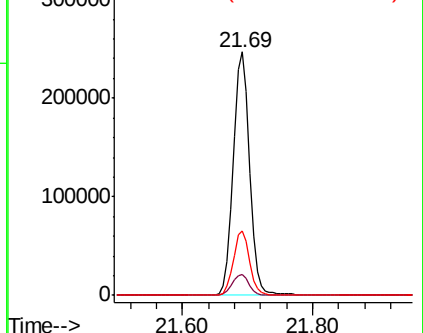
236 26.6 21.0 31.4



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



#77

Benzidine

Concen: 7.550 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG042445.D

Acq: 23 Aug 2019 22:39

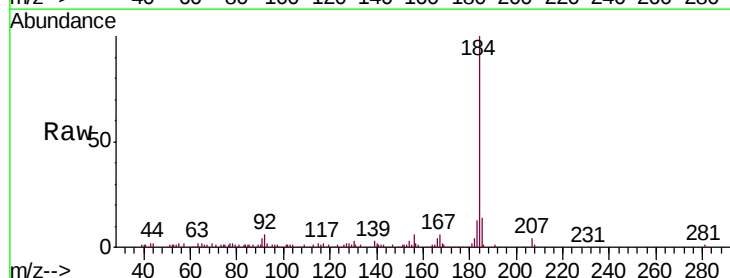
Tgt Ion:184 Resp: 93098

Ion Ratio Lower Upper

184 100

185 13.6 12.2 18.4

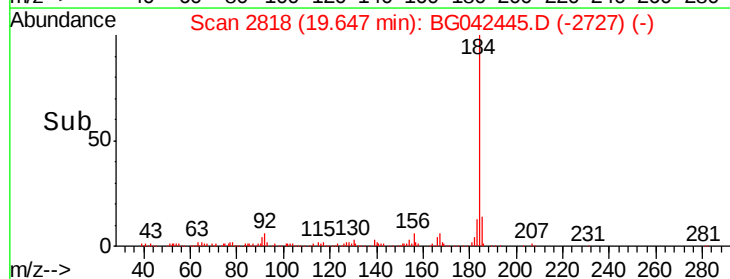
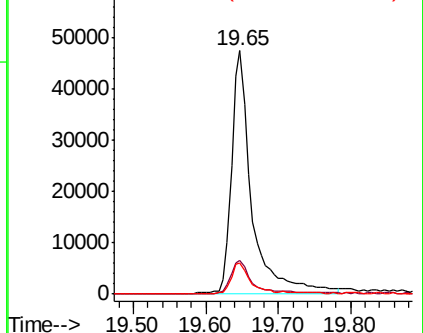
183 12.7 10.8 16.2

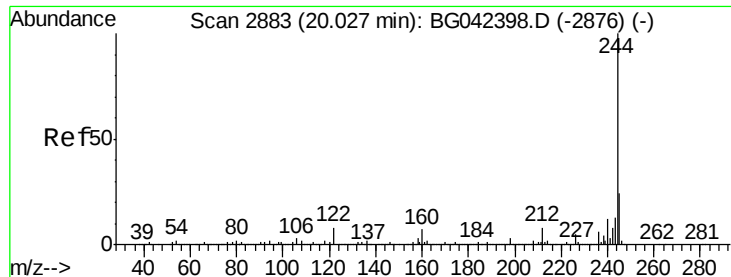


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 90.026 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042445.D

Acq: 23 Aug 2019 22:39

Instrument :

BNA_G

ClientSampleId :

OR-03-082219

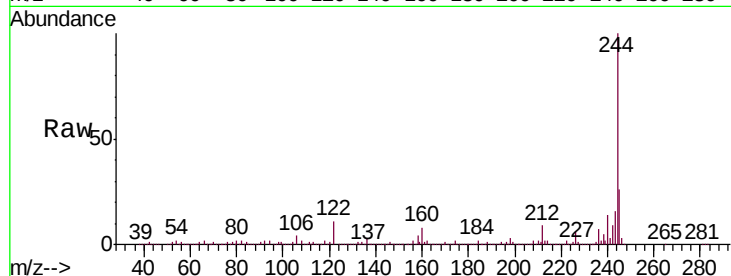
Tot Ion:244 Resp: 1790848

Ion Ratio Lower Upper

244 100

212 9.2 6.0 9.0#

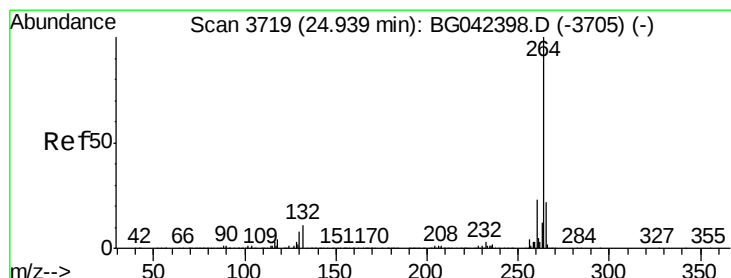
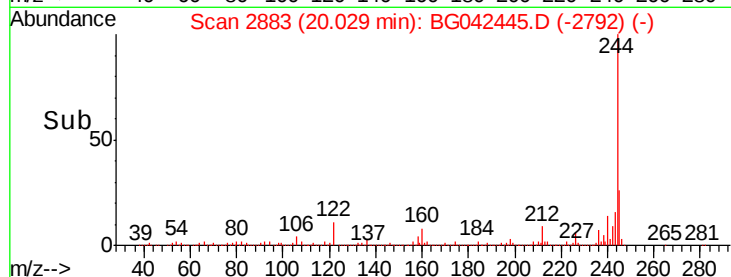
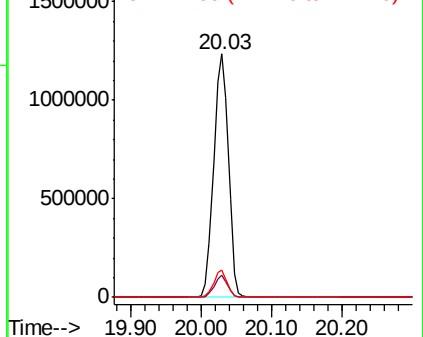
122 11.3 6.7 10.1#



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: 24.94 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BG042445.D

Acq: 23 Aug 2019 22:39

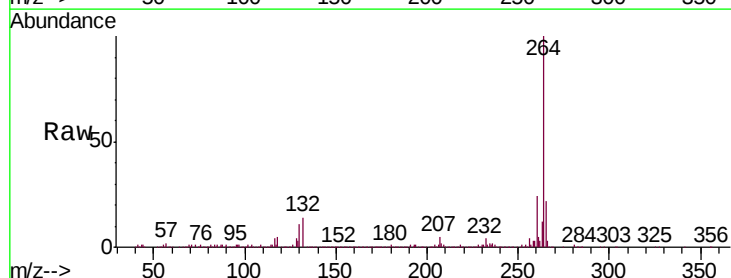
Tgt Ion:264 Resp: 497458

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.1 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

