

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046132.D
 Acq On : 31 Jul 2020 19:29
 Operator : CG/JU
 Sample : L3405-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0437-MODIFIED-ELUTRIATE

Quant Time: Aug 01 03:10:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

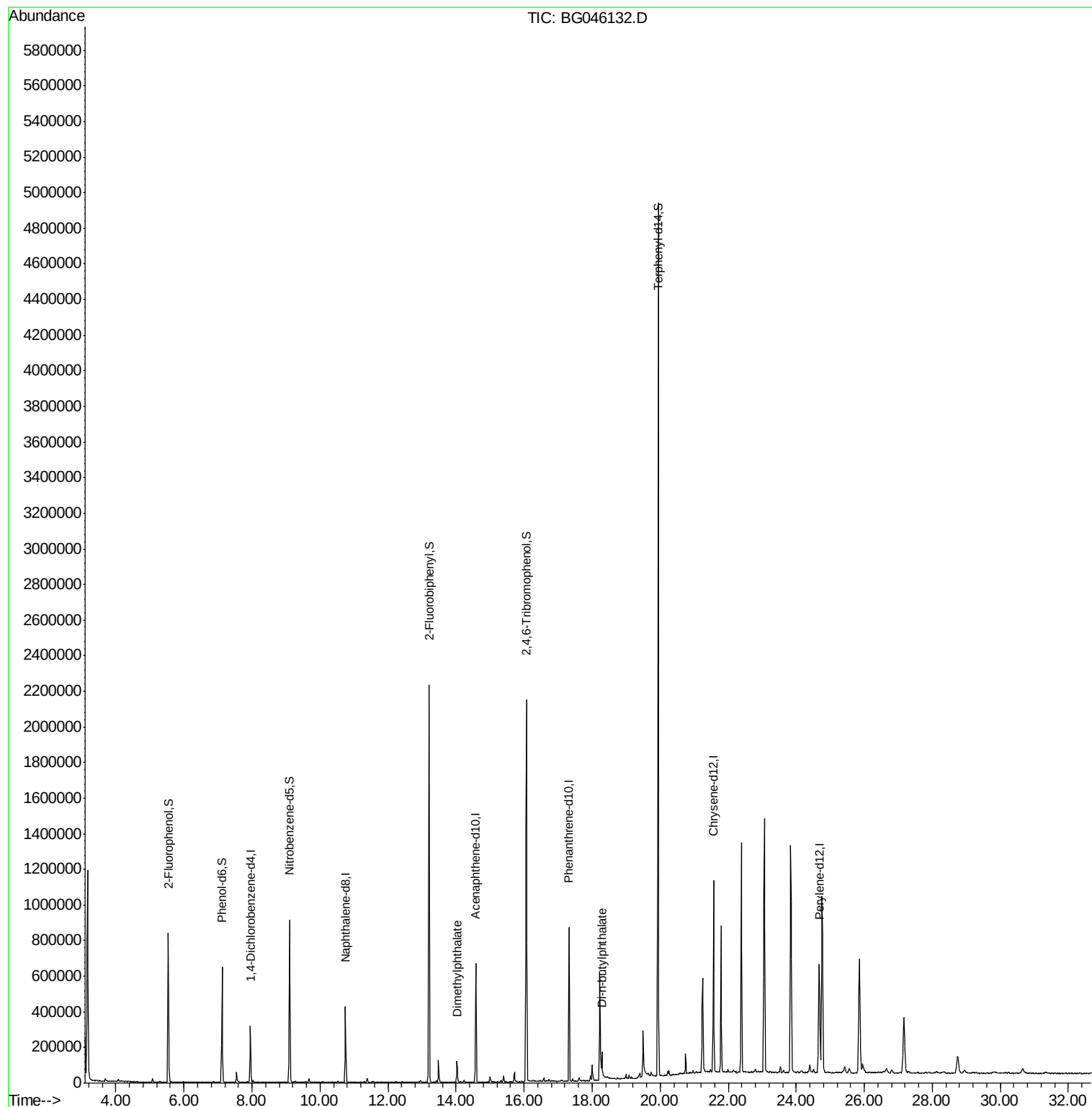
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	95967	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	366345	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	229526	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	536959	20.00	ng	0.00
76) Chrysene-d12	21.57	240	626256	20.00	ng	0.00
86) Perylene-d12	24.67	264	643906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	377201	68.33	ng	0.00
7) Phenol-d6	7.12	99	374849	49.82	ng	0.00
23) Nitrobenzene-d5	9.10	82	555820	82.15	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	448966	127.35	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1167696	73.90	ng	0.00
79) Terphenyl-d14	19.94	244	2096128	68.17	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.03	163	83270	4.727	ng	99
74) Di-n-butylphthalate	18.29	149	88936	3.016	ng	96

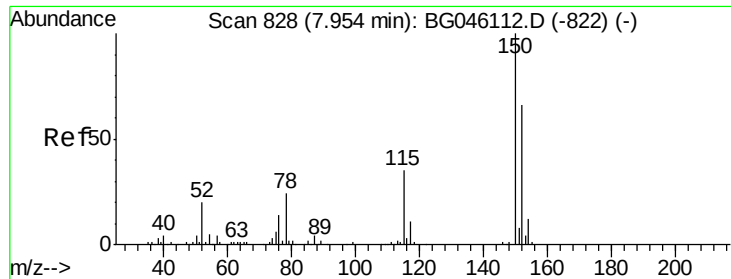
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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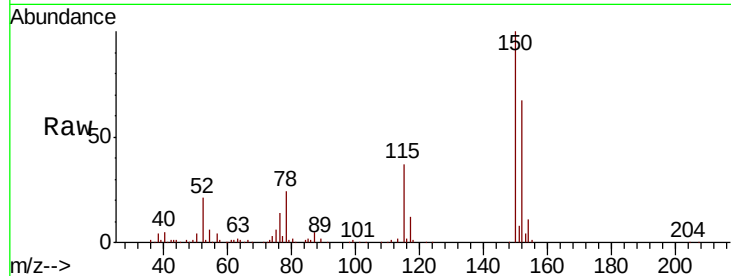


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046132.D
Acq: 31 Jul 2020 19:29

Instrument :
BNA_G
ClientSampleId :
0437-MODIFIED-ELUTRIATE

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	122.1	183.1
115	55.8	43.2	64.8

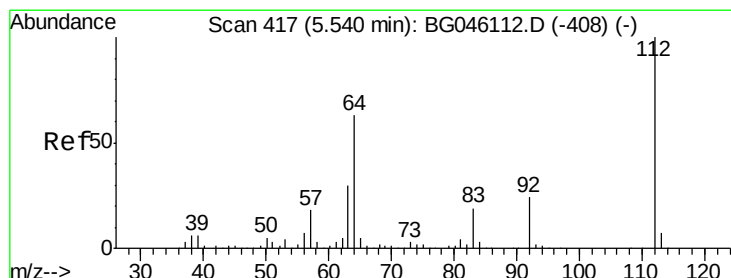
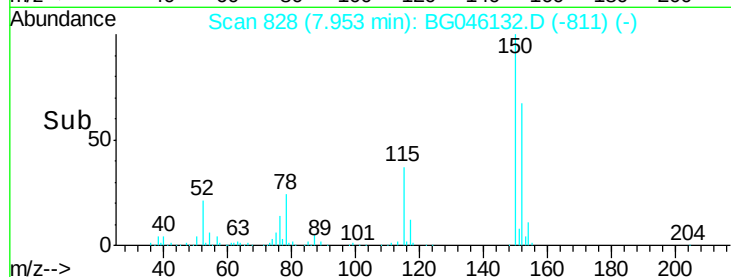
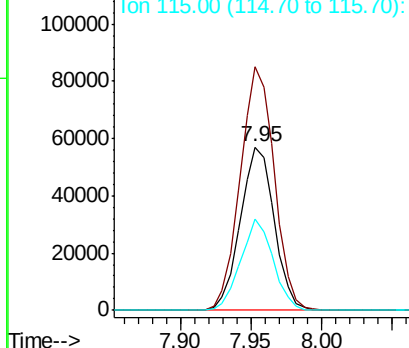


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

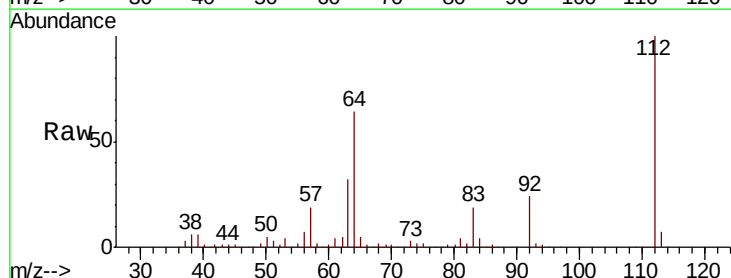
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 68.327 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046132.D
Acq: 31 Jul 2020 19:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	50.2	75.2
63	32.1	24.2	36.4

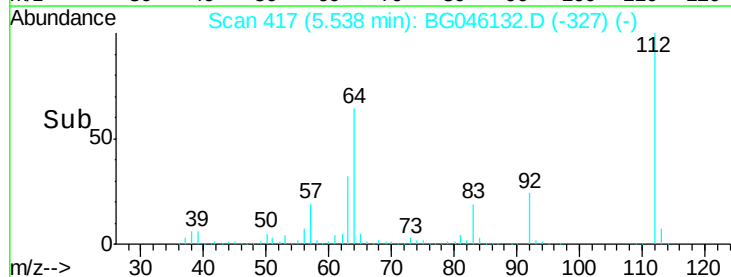
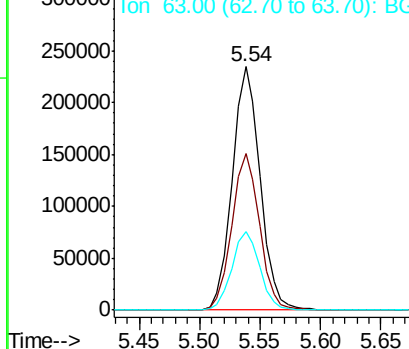


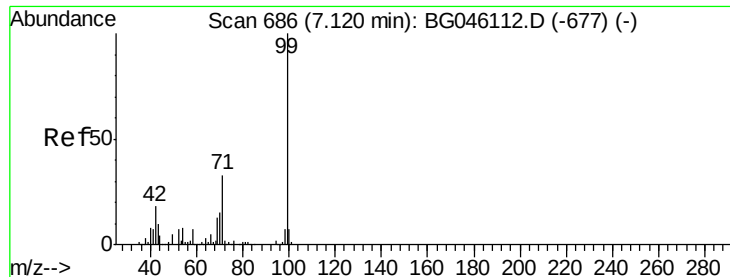
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 49.822 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046132.D

Acq: 31 Jul 2020 19:29

Instrument :

BNA_G

ClientSampleId :

0437-MODIFIED-ELUTRIATE

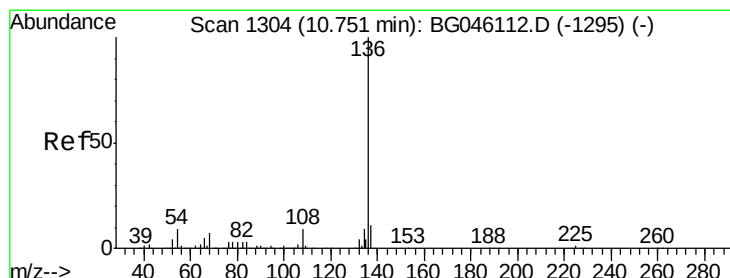
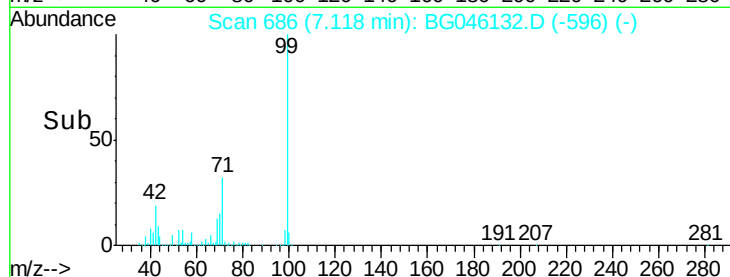
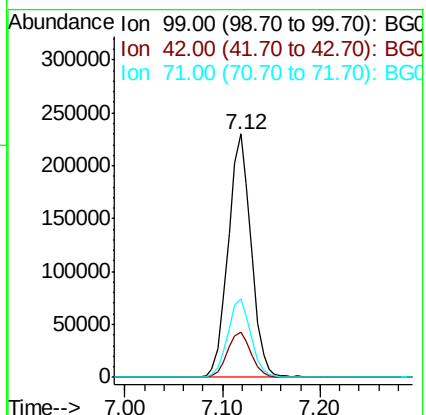
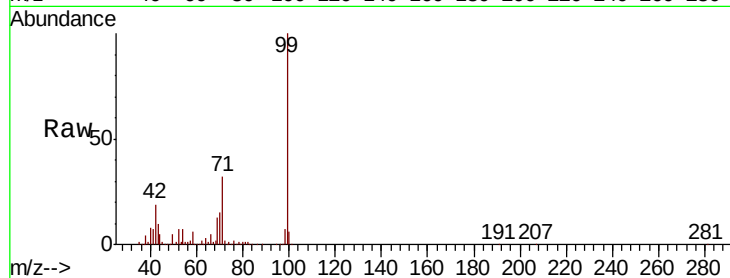
Tot Ion: 99 Resp: 374849

Ion Ratio Lower Upper

99 100

42 18.6 14.7 22.1

71 32.1 26.5 39.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG046132.D

Acq: 31 Jul 2020 19:29

Tgt Ion: 136 Resp: 366345

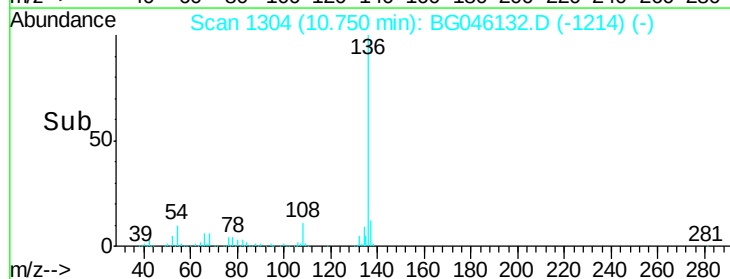
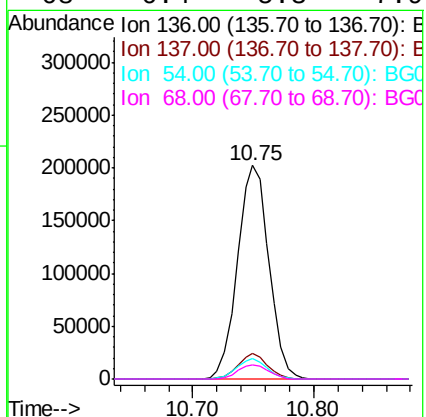
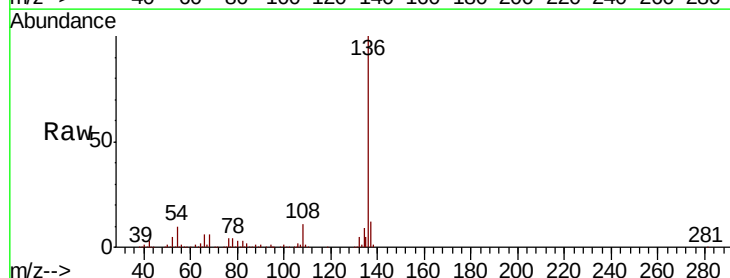
Ion Ratio Lower Upper

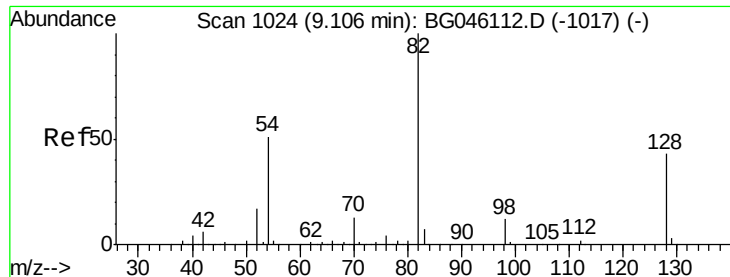
136 100

137 11.8 8.8 13.2

54 9.5 7.0 10.4

68 6.4 5.3 7.9

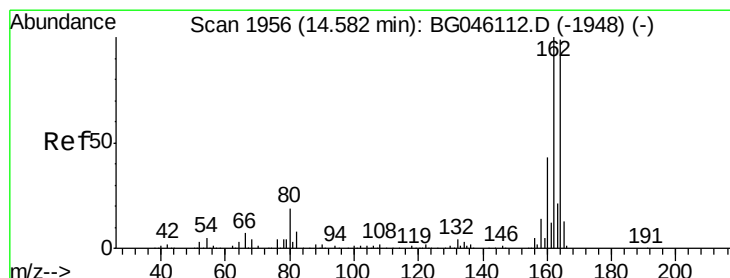
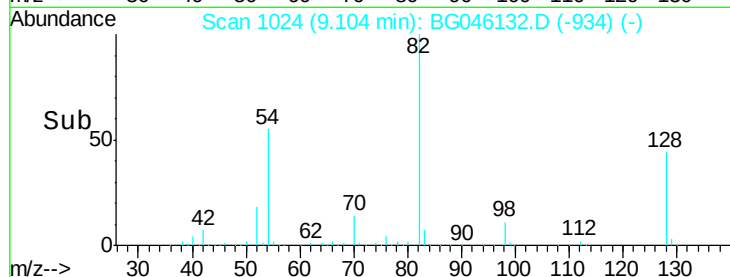
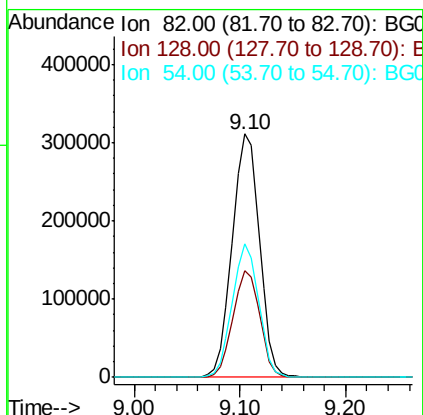
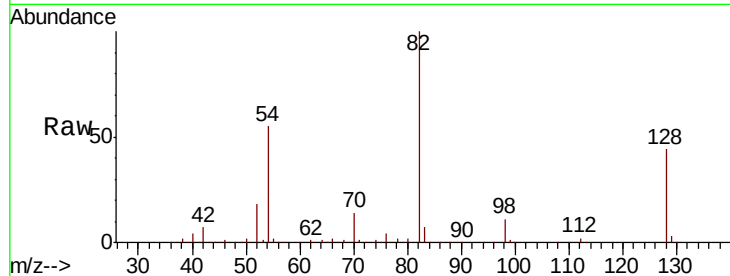




#23
Nitrobenzene-d5
Concen: 82.146 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046132.D
Acq: 31 Jul 2020 19:29

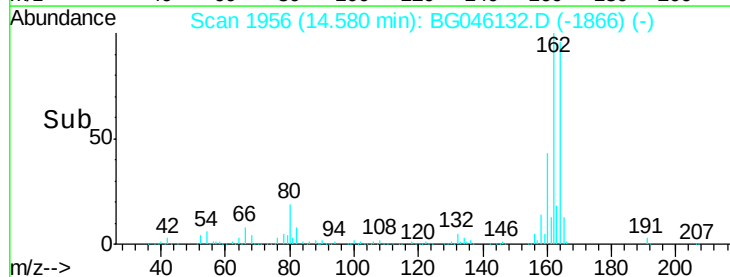
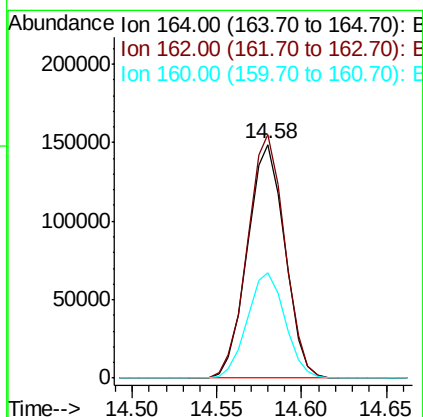
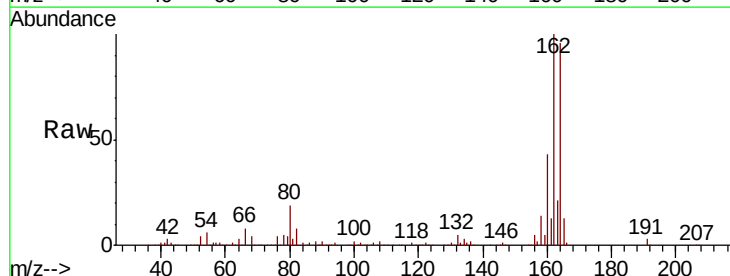
Instrument :
BNA_G
ClientSampleId :
0437-MODIFIED-ELUTRIATE

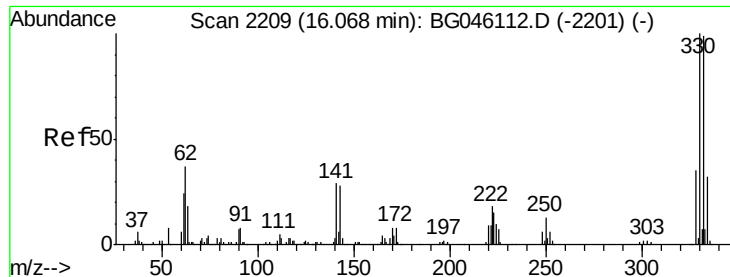
Tot Ion	82	Resp	555820
Ion Ratio	Lower	Upper	
82	100		
128	43.7	34.4	51.6
54	54.8	40.8	61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG046132.D
Acq: 31 Jul 2020 19:29

Tgt Ion	164	Resp	229526
Ion Ratio	Lower	Upper	
164	100		
162	104.3	80.6	121.0
160	45.1	34.9	52.3





#42

2,4,6-Tribromophenol

Concen: 127.349 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046132.D

Acq: 31 Jul 2020 19:29

Instrument :

BNA_G

ClientSampleId :

0437-MODIFIED-ELUTRIATE

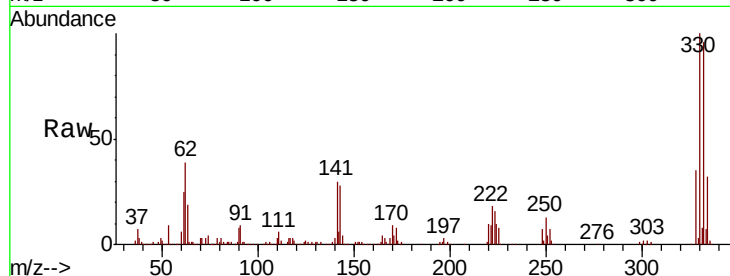
Tot Ion:330 Resp: 448966

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

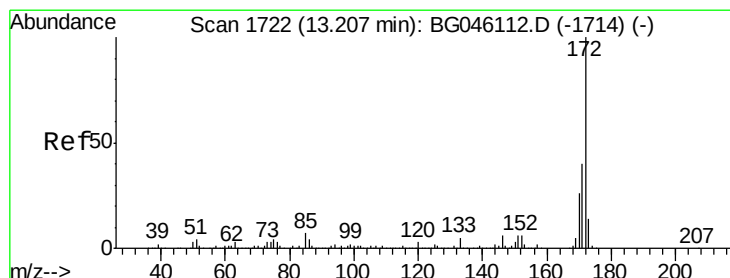
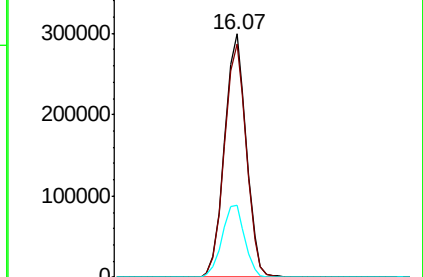
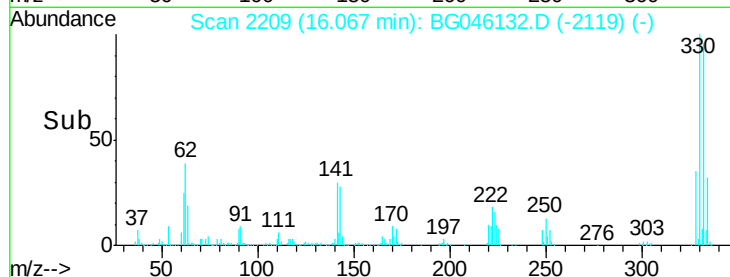
141 30.7 23.4 35.0



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: 73.901 ng

RT: 13.21 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BG046132.D

Acq: 31 Jul 2020 19:29

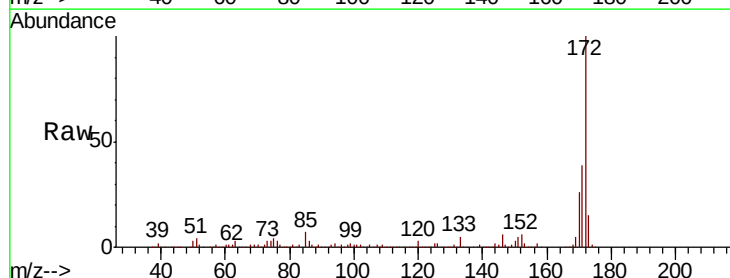
Tgt Ion:172 Resp: 1167696

Ion Ratio Lower Upper

172 100

171 39.5 31.7 47.5

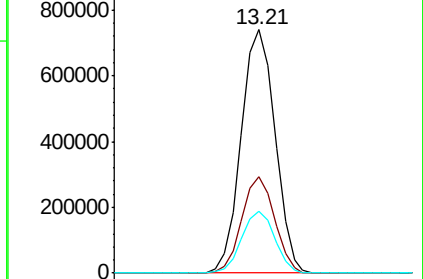
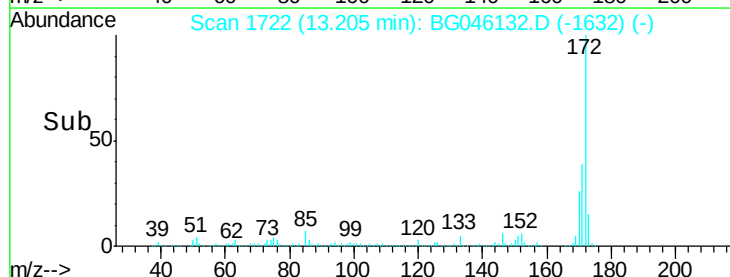
170 25.6 20.9 31.3

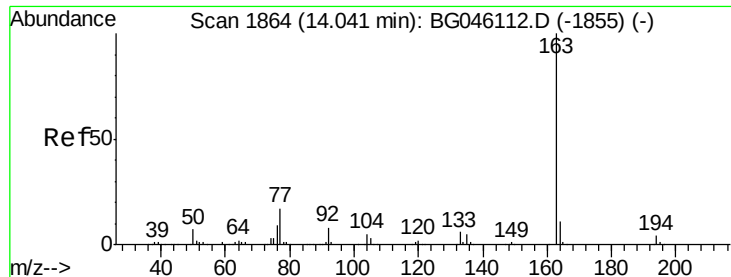


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.727 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG046132.D

Acq: 31 Jul 2020 19:29

Instrument :

BNA_G

ClientSampleId :

0437-MODIFIED-ELUTRIATE

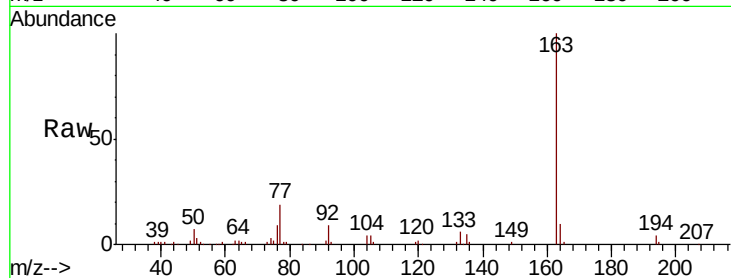
Tot Ion:163 Resp: 83270

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

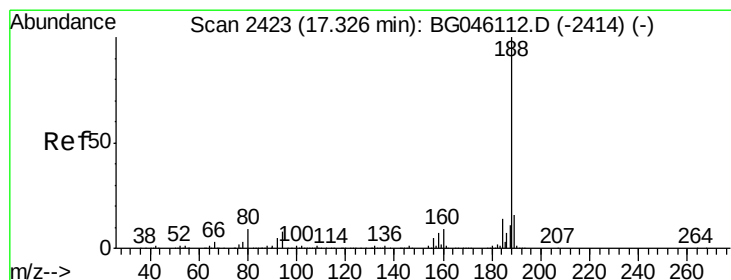
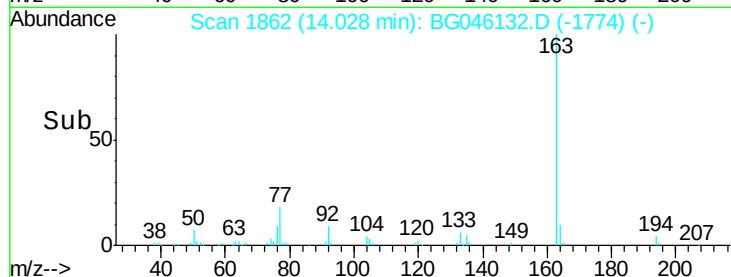
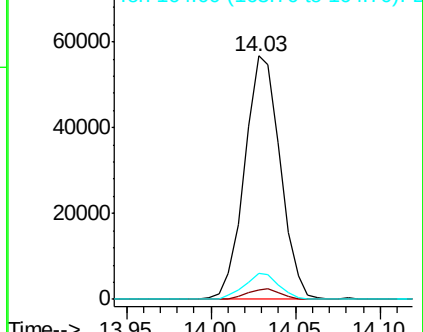
164 10.5 8.8 13.2



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: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG046132.D

Acq: 31 Jul 2020 19:29

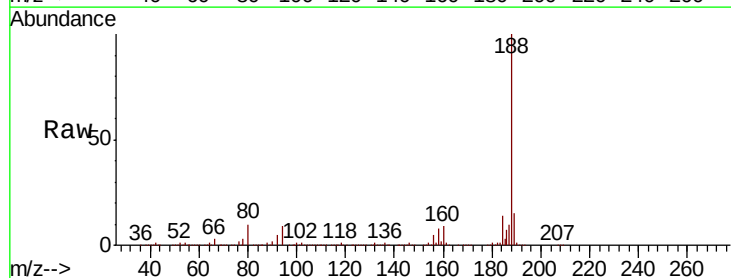
Tgt Ion:188 Resp: 536959

Ion Ratio Lower Upper

188 100

94 8.9 6.4 9.6

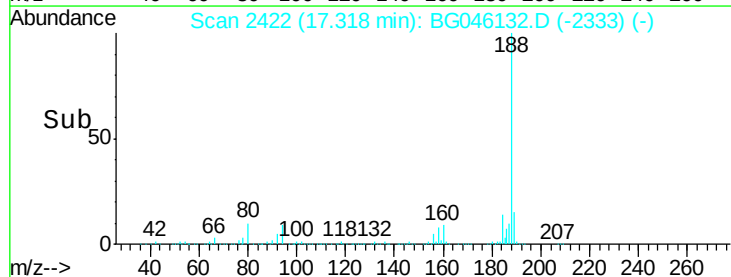
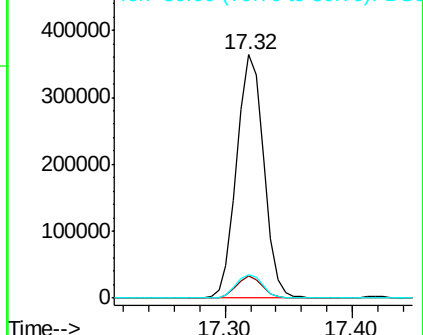
80 9.9 7.4 11.0

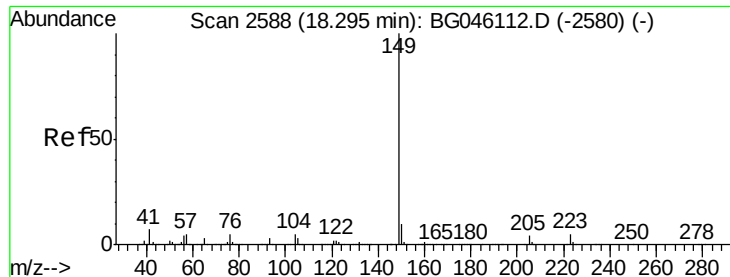


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#74

Di-n-butylphthalate

Concen: 3.016 ng

RT: 18.29 min Scan# 2587

Delta R.T. -0.01 min

Lab File: BG046132.D

Acq: 31 Jul 2020 19:29

Instrument :

BNA_G

ClientSampleId :

0437-MODIFIED-ELUTRIATE

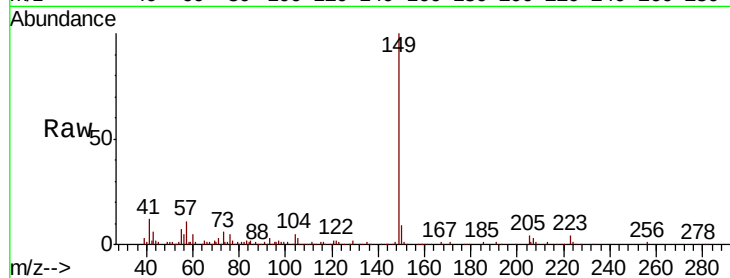
Tot Ion:149 Resp: 88936

Ion Ratio Lower Upper

149 100

150 8.7 8.4 12.6

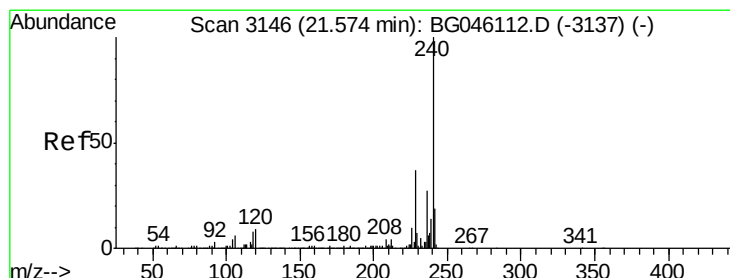
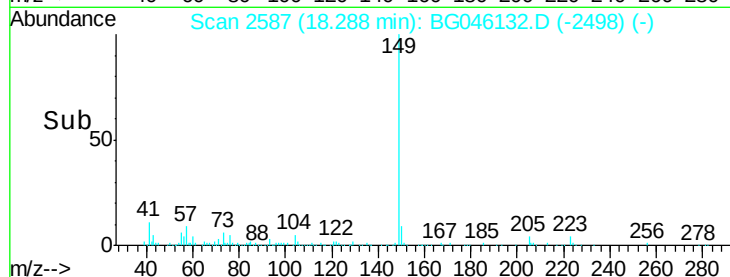
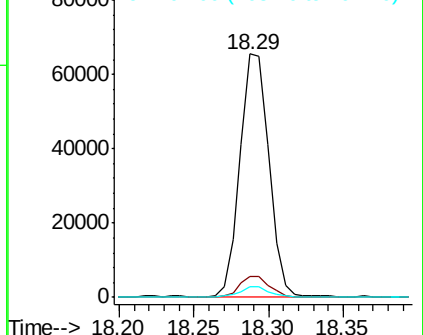
104 4.5 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG046132.D

Acq: 31 Jul 2020 19:29

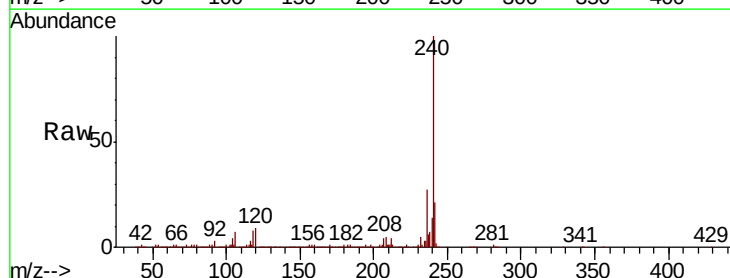
Tgt Ion:240 Resp: 626256

Ion Ratio Lower Upper

240 100

120 9.0 7.1 10.7

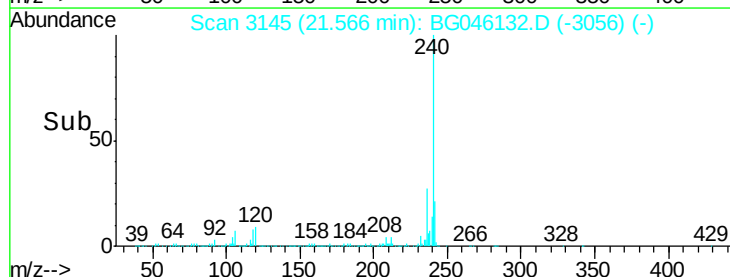
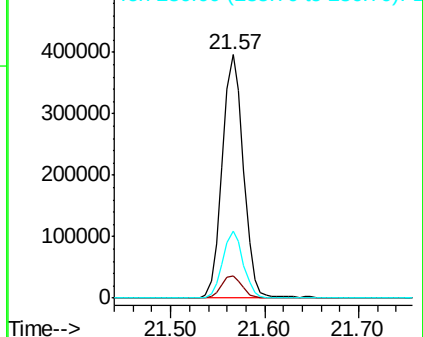
236 27.5 21.7 32.5

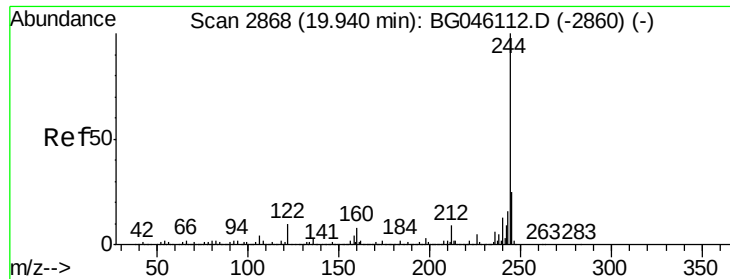


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.168 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046132.D

Acq: 31 Jul 2020 19:29

Instrument :

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0437-MODIFIED-ELUTRIATE

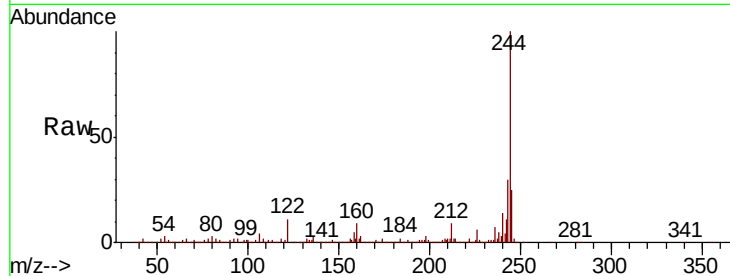
Tot Ion:244 Resp: 2096128

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

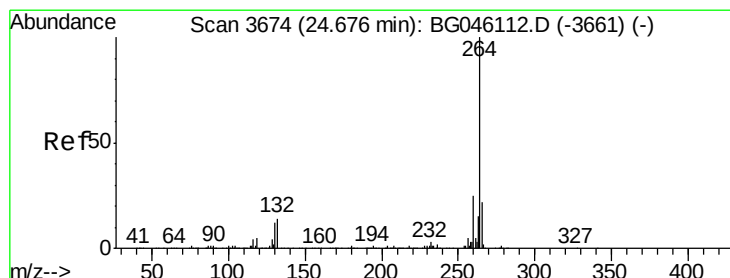
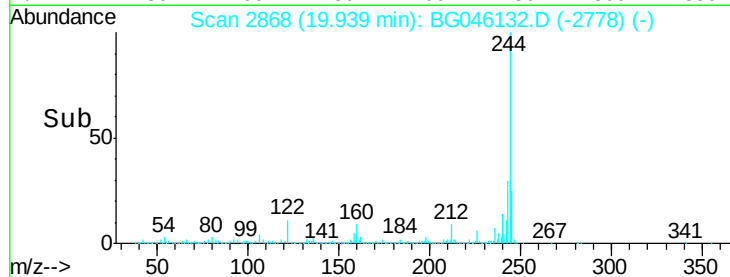
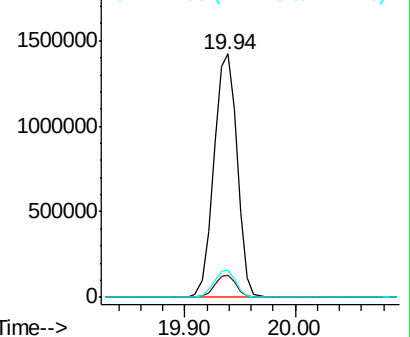
122 11.2 8.3 12.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG046132.D

Acq: 31 Jul 2020 19:29

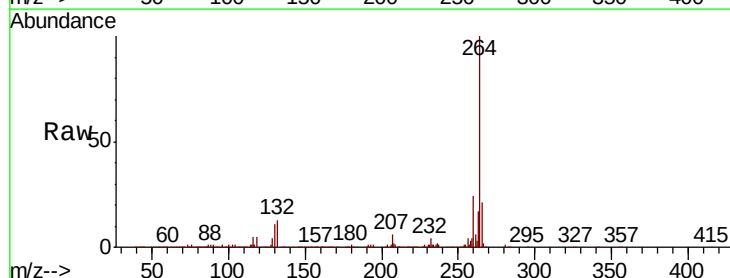
Tgt Ion:264 Resp: 643906

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 20.8 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

