

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044896.D
 Acq On : 19 Mar 2020 13:39
 Operator : CG/JU
 Sample : L1873-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Mar 19 14:55:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

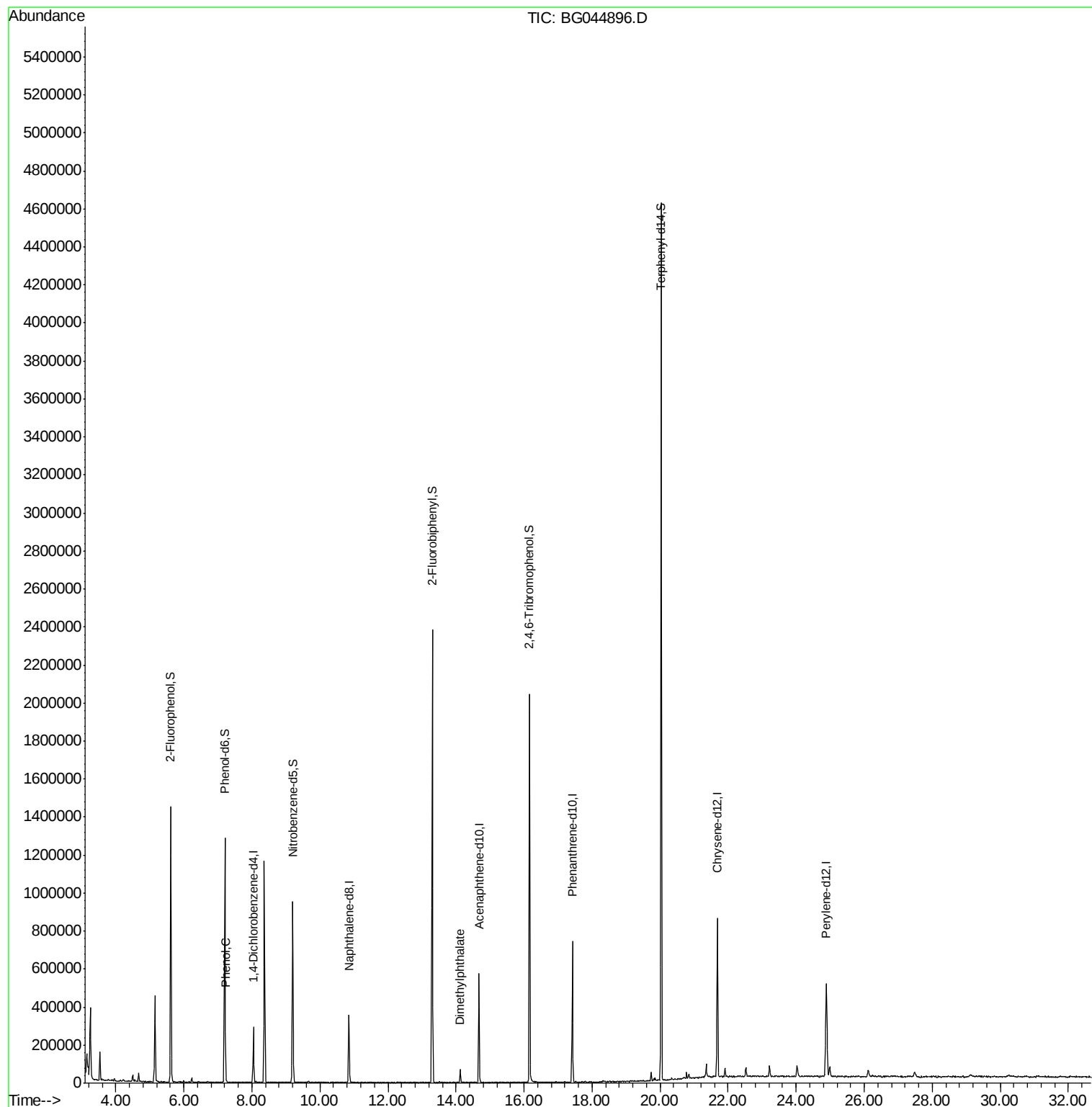
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	81974	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	314163	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	207504	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	478283	20.00	ng	0.00
76) Chrysene-d12	21.69	240	496507	20.00	ng	-0.01
87) Perylene-d12	24.89	264	554596	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	611025	116.03	ng	0.00
7) Phenol-d6	7.20	99	769543	100.58	ng	0.00
23) Nitrobenzene-d5	9.20	82	626819	87.55	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	409593	150.75	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1308057	90.27	ng	0.00
79) Terphenyl-d14	20.03	244	2282826	86.00	ng	0.00
Target Compounds						
10) Phenol	7.23	94	15619	2.062	ng	Qvalue # 80
50) Dimethylphthalate	14.12	163	48449	2.932	ng	# 97

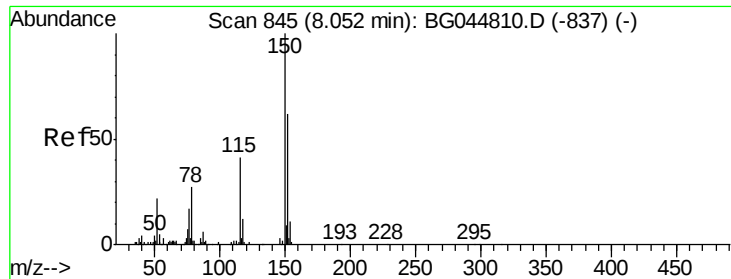
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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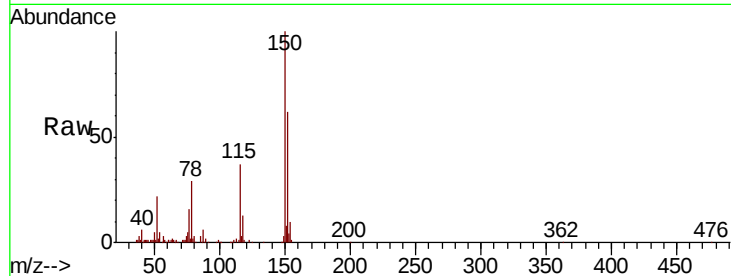


#1

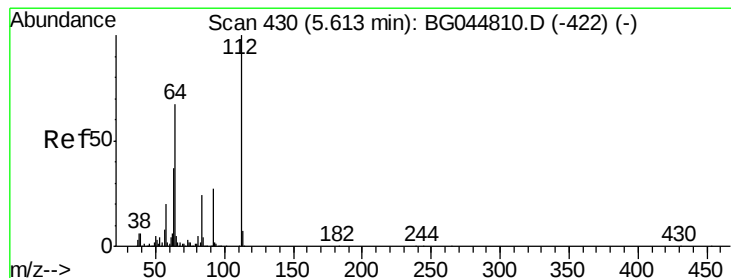
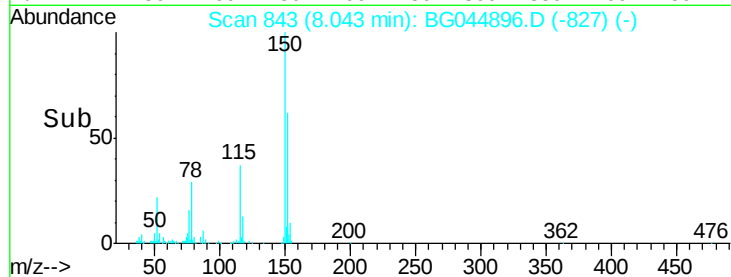
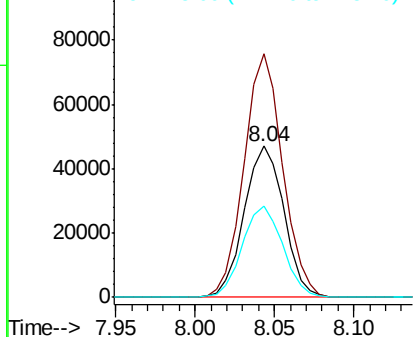
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044896.D
Acq: 19 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:152 Resp: 81974
Ion Ratio Lower Upper
152 100
150 161.0 128.8 193.2
115 60.3 52.6 79.0



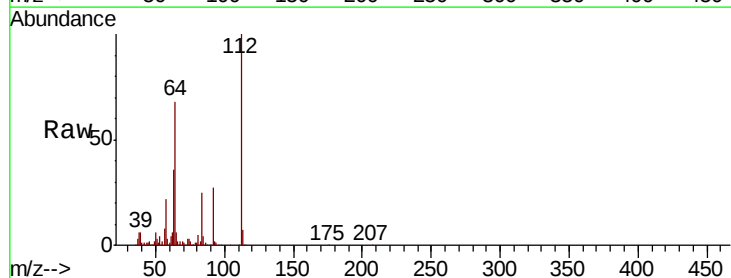
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



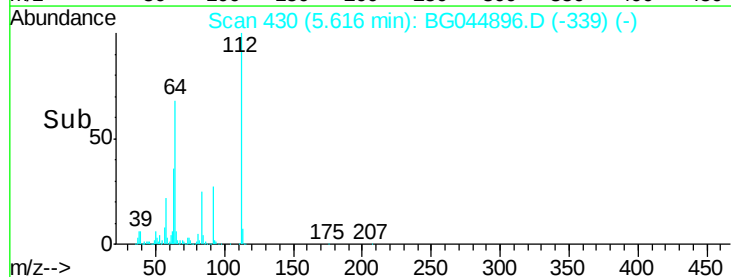
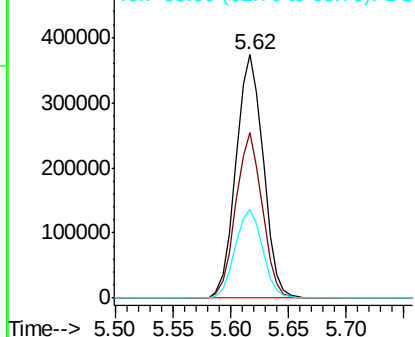
#5

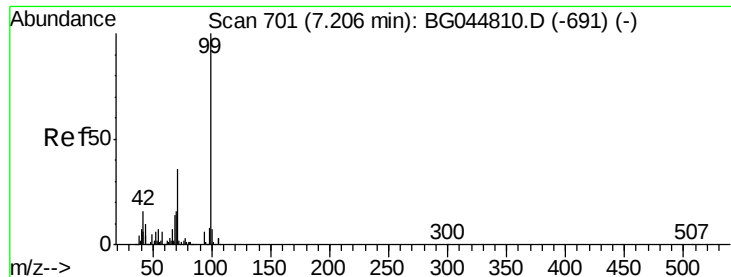
2-Fluorophenol
Concen: 116.034 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044896.D
Acq: 19 Mar 2020 13:39

Tgt Ion:112 Resp: 611025
Ion Ratio Lower Upper
112 100
64 67.8 53.4 80.2
63 36.2 29.4 44.2



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: 100.581 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044896.D

Acq: 19 Mar 2020 13:39

Instrument :

BNA_G

ClientSampled :

TP-1

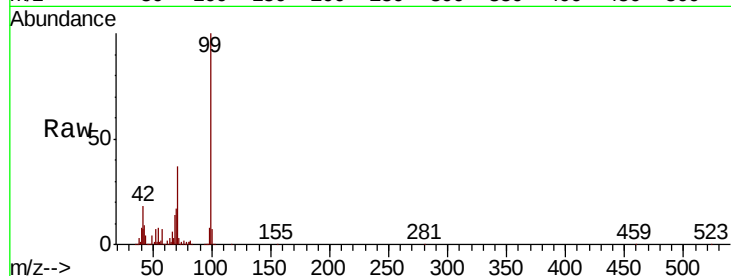
Tot Ion: 99 Resp: 769543

Ion Ratio Lower Upper

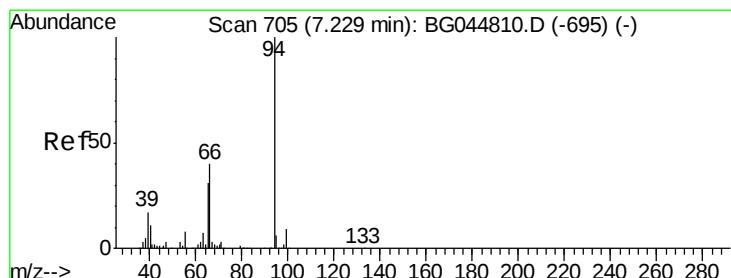
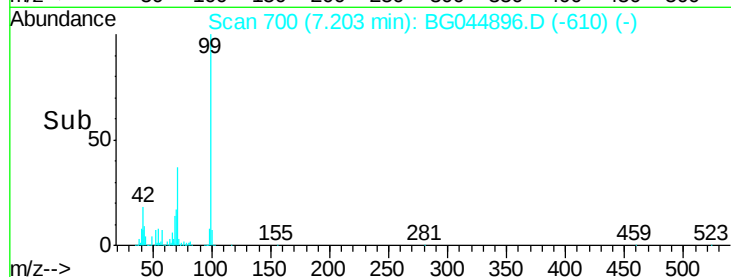
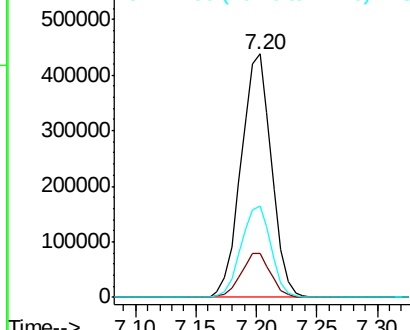
99 100

42 17.8 12.6 19.0

71 37.3 29.0 43.4



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: 2.062 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG044896.D

Acq: 19 Mar 2020 13:39

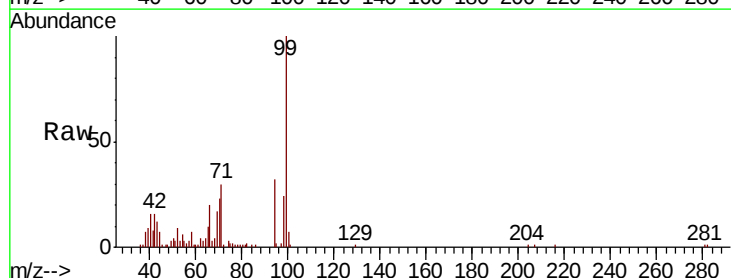
Tgt Ion: 94 Resp: 15619

Ion Ratio Lower Upper

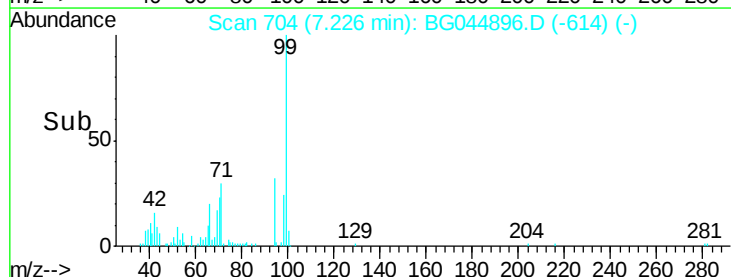
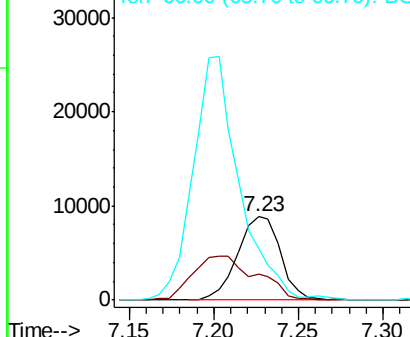
94 100

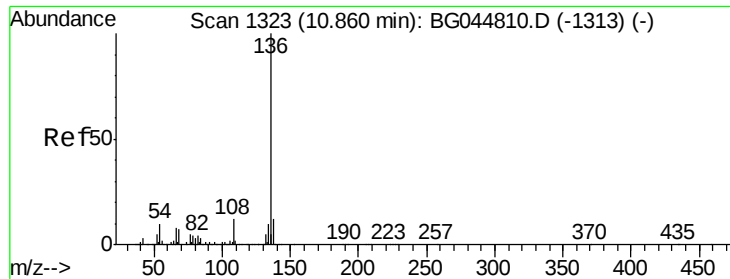
65 30.9 11.0 51.0

66 62.3 20.1 60.1#



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

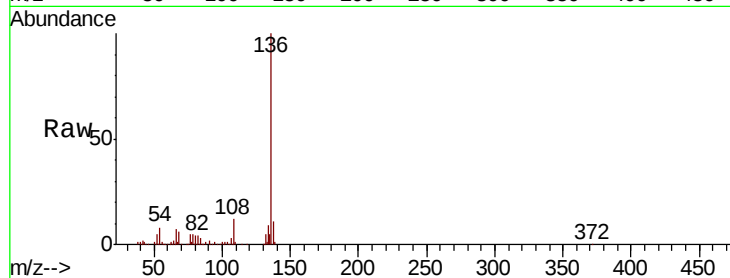




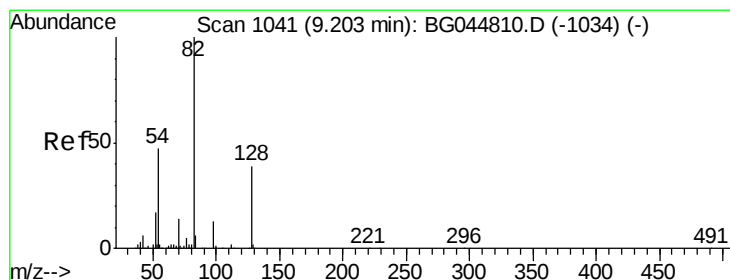
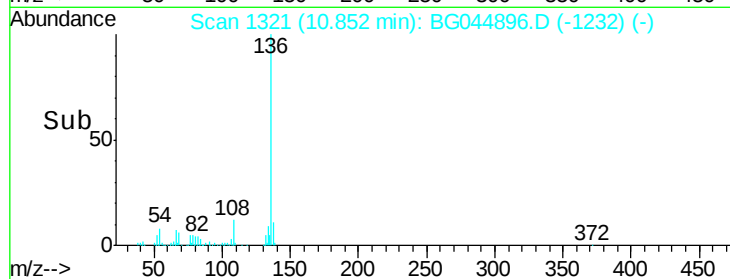
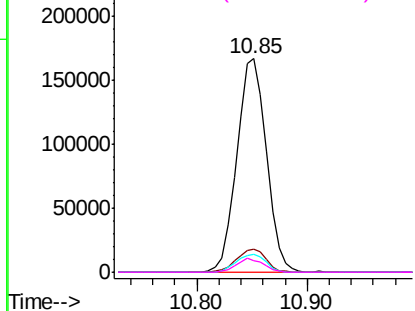
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044896.D
Acq: 19 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:136	Resp:	314163
Ion Ratio	Lower	Upper
136 100		
137 10.8	9.8	14.6
54 8.3	7.9	11.9
68 5.7	5.4	8.0

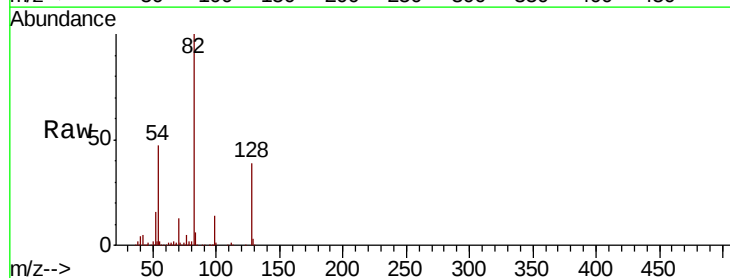


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

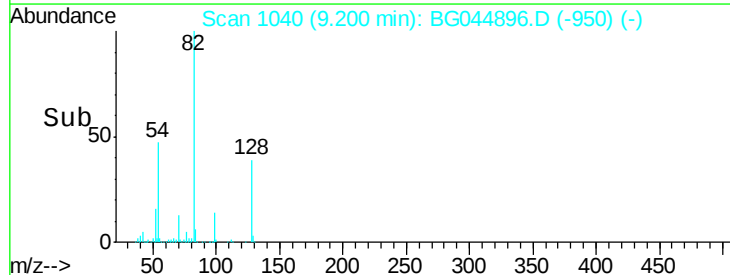
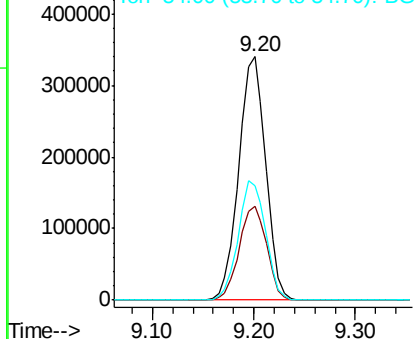


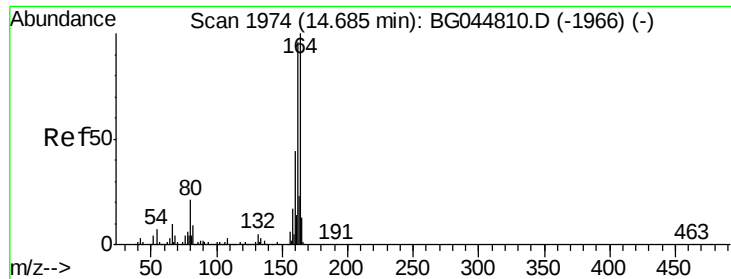
#23
Nitrobenzene-d5
Concen: 87.552 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044896.D
Acq: 19 Mar 2020 13:39

Tgt Ion: 82	Resp: 626819
Ion Ratio	Lower Upper
82 100	
128 38.6	30.6 46.0
54 47.2	37.1 55.7



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: 14.68 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044896.D

Acq: 19 Mar 2020 13:39

Instrument :

BNA_G

ClientSampleId :

TP-1

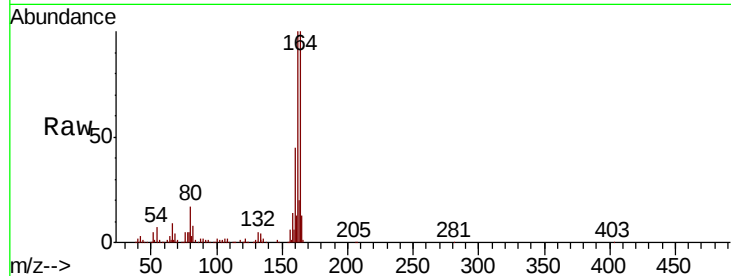
Tot Ion:164 Resp: 207504

Ion Ratio Lower Upper

164 100

162 99.5 76.7 115.1

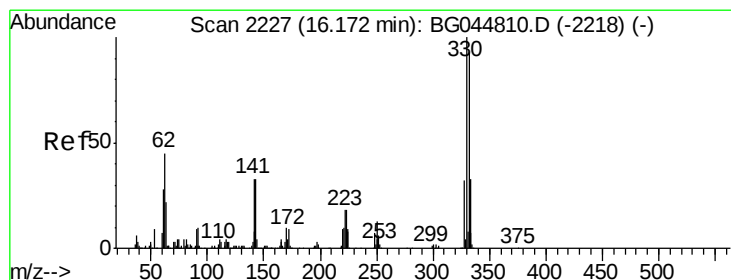
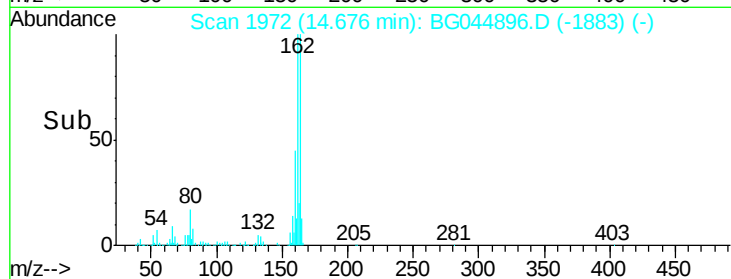
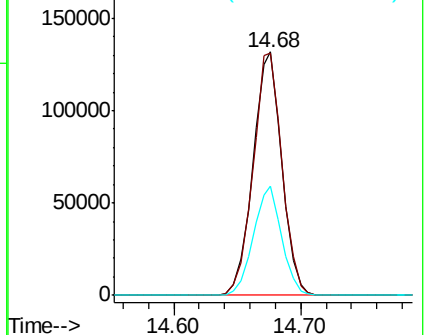
160 45.0 35.0 52.4



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: 150.755 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044896.D

Acq: 19 Mar 2020 13:39

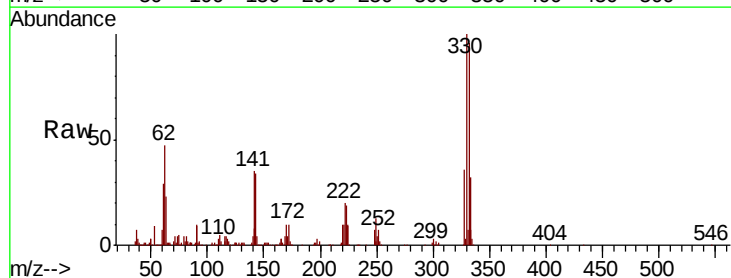
Tgt Ion:330 Resp: 409593

Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.6

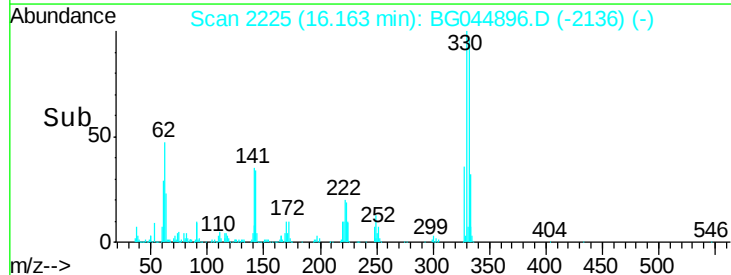
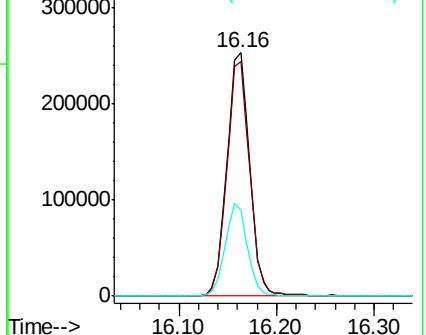
141 37.1 29.5 44.3

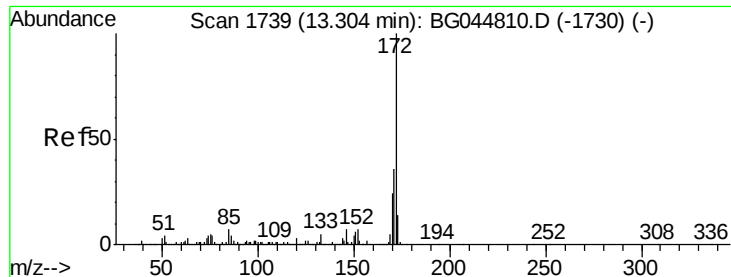


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

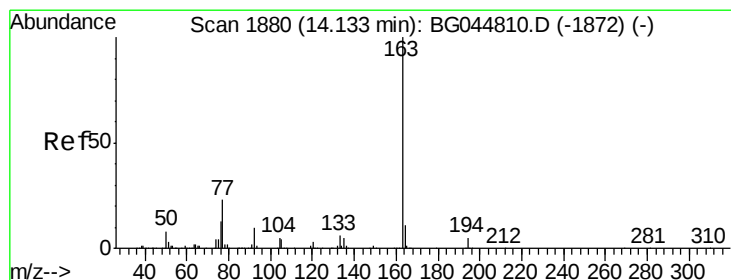
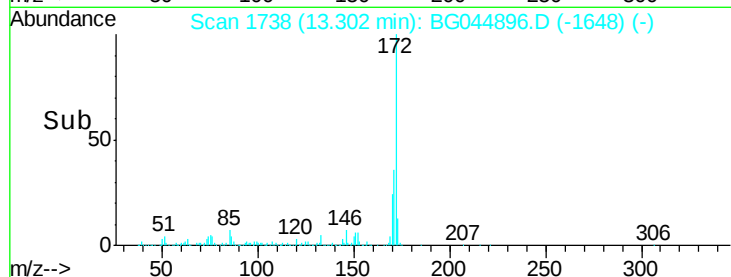
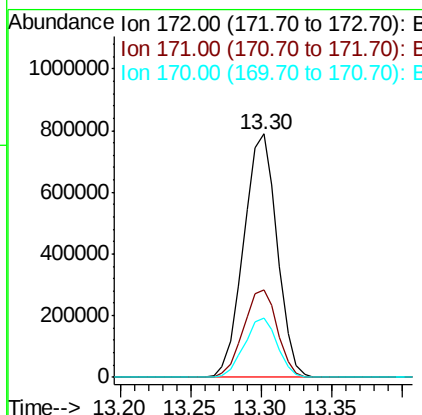
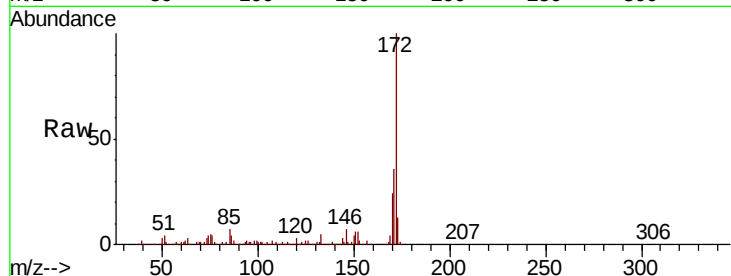




#45
2-Fluorobiphenyl
Concen: 90.272 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044896.D
Acq: 19 Mar 2020 13:39

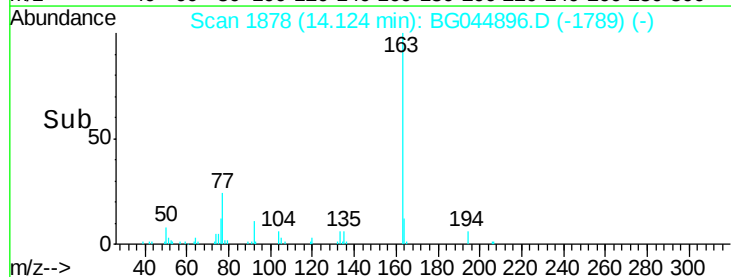
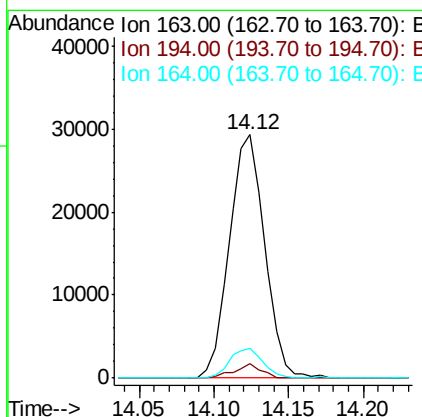
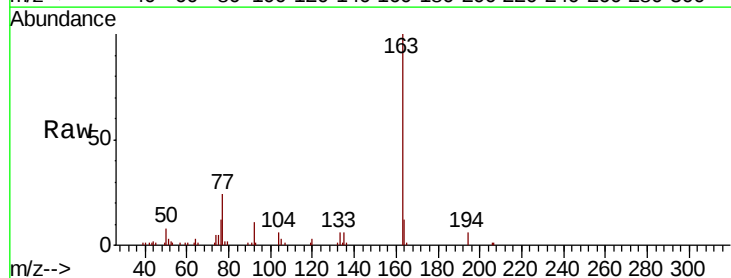
Instrument :
BNA_G
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TP-1

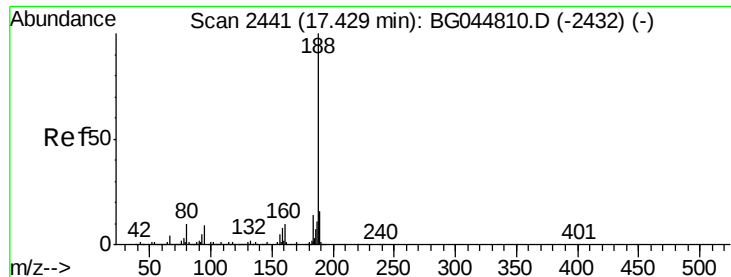
Tot Ion:172 Resp: 1308057
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 24.1 19.0 28.6



#50
Dimethylphthalate
Concen: 2.932 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044896.D
Acq: 19 Mar 2020 13:39

Tgt Ion:163 Resp: 48449
Ion Ratio Lower Upper
163 100
194 6.1 3.7 5.5#
164 12.3 9.1 13.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044896.D

Acq: 19 Mar 2020 13:39

Instrument :

BNA_G

ClientSampleId :

TP-1

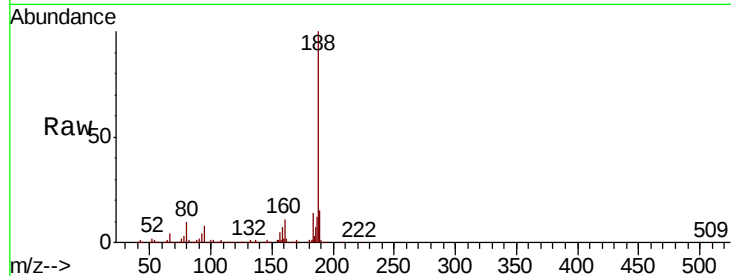
Tot Ion:188 Resp: 478283

Ion Ratio Lower Upper

188 100

94 7.8 7.3 10.9

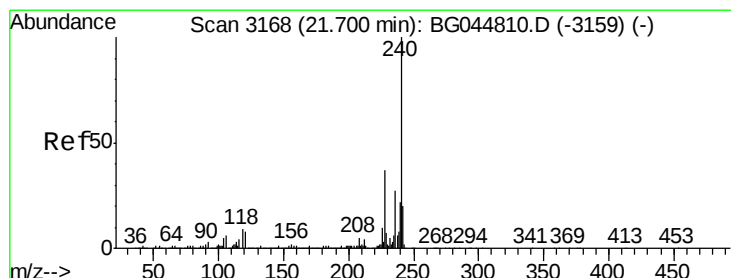
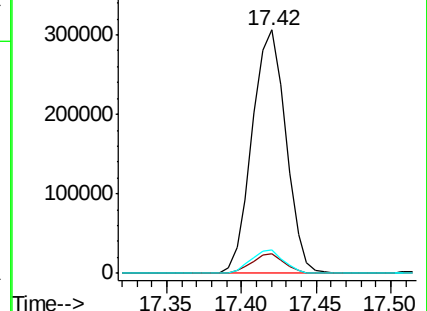
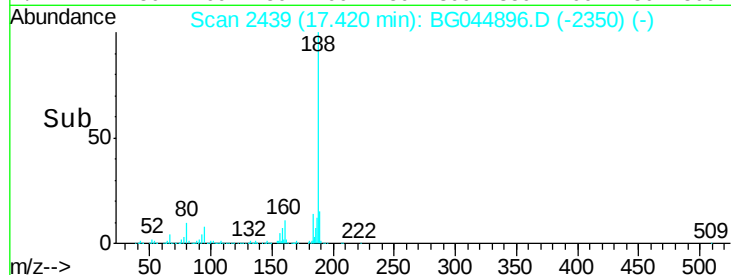
80 9.6 8.0 12.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044896.D

Acq: 19 Mar 2020 13:39

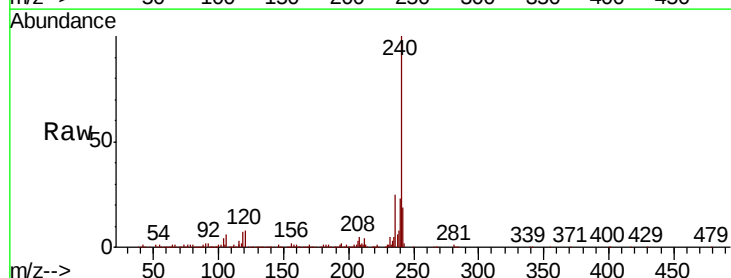
Tgt Ion:240 Resp: 496507

Ion Ratio Lower Upper

240 100

120 7.8 6.7 10.1

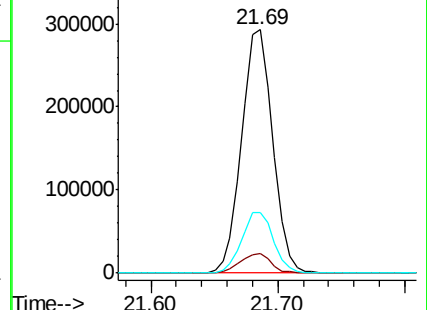
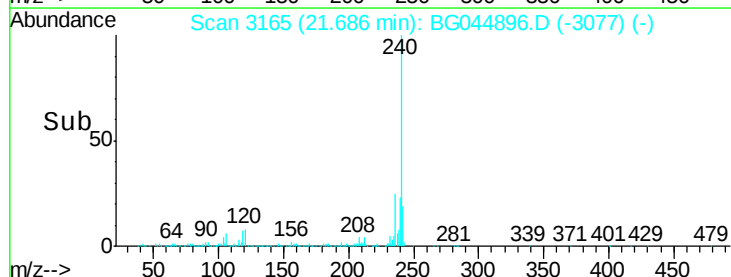
236 24.7 21.5 32.3

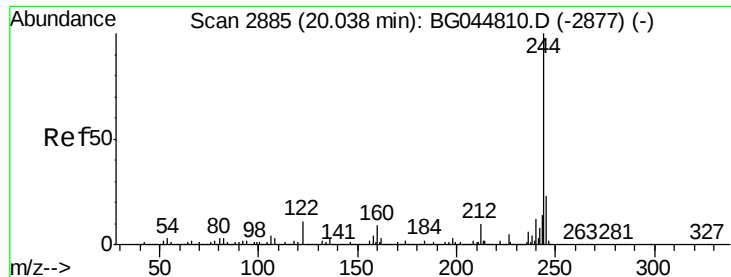


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.004 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044896.D

Acq: 19 Mar 2020 13:39

Instrument :

BNA_G

ClientSampleId :

TP-1

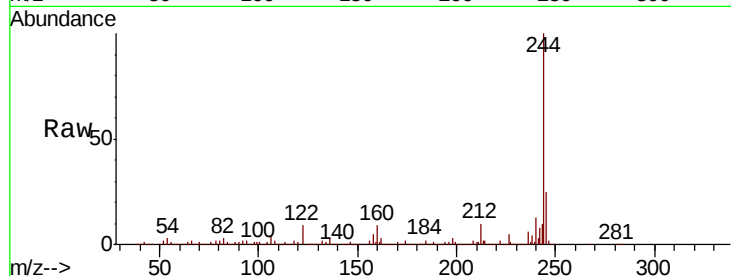
Tot Ion:244 Resp: 2282826

Ion Ratio Lower Upper

244 100

212 9.7 7.7 11.5

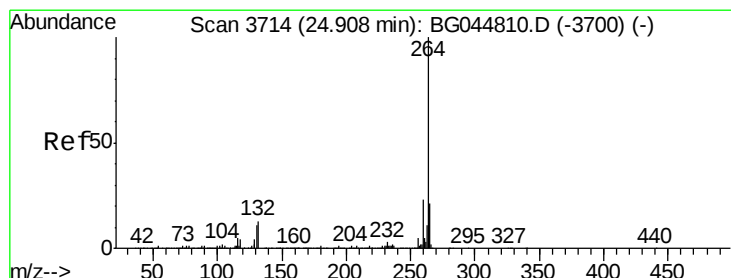
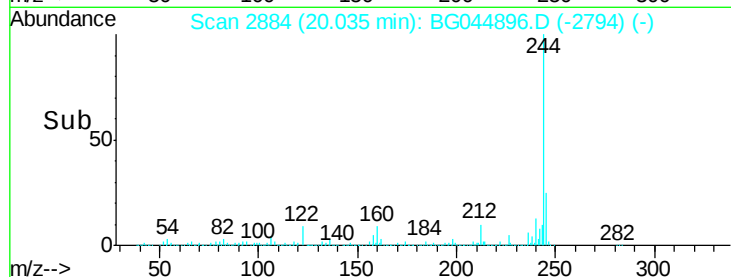
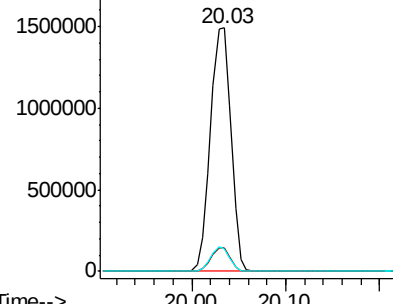
122 9.3 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

2000000 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: 24.89 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG044896.D

Acq: 19 Mar 2020 13:39

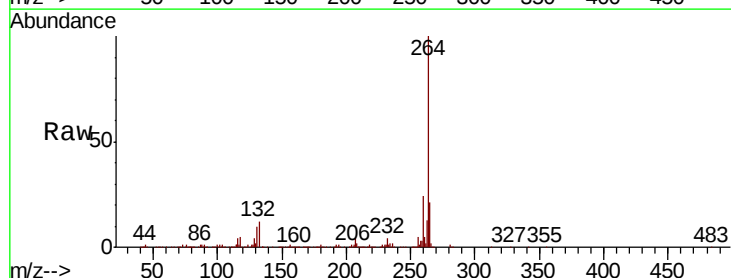
Tgt Ion:264 Resp: 554596

Ion Ratio Lower Upper

264 100

260 23.8 18.1 27.1

265 20.6 17.1 25.7



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

