

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042959.D
 Acq On : 1 Oct 2019 2:35
 Operator : JU
 Sample : K4668-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-092619

Quant Time: Oct 01 08:08:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

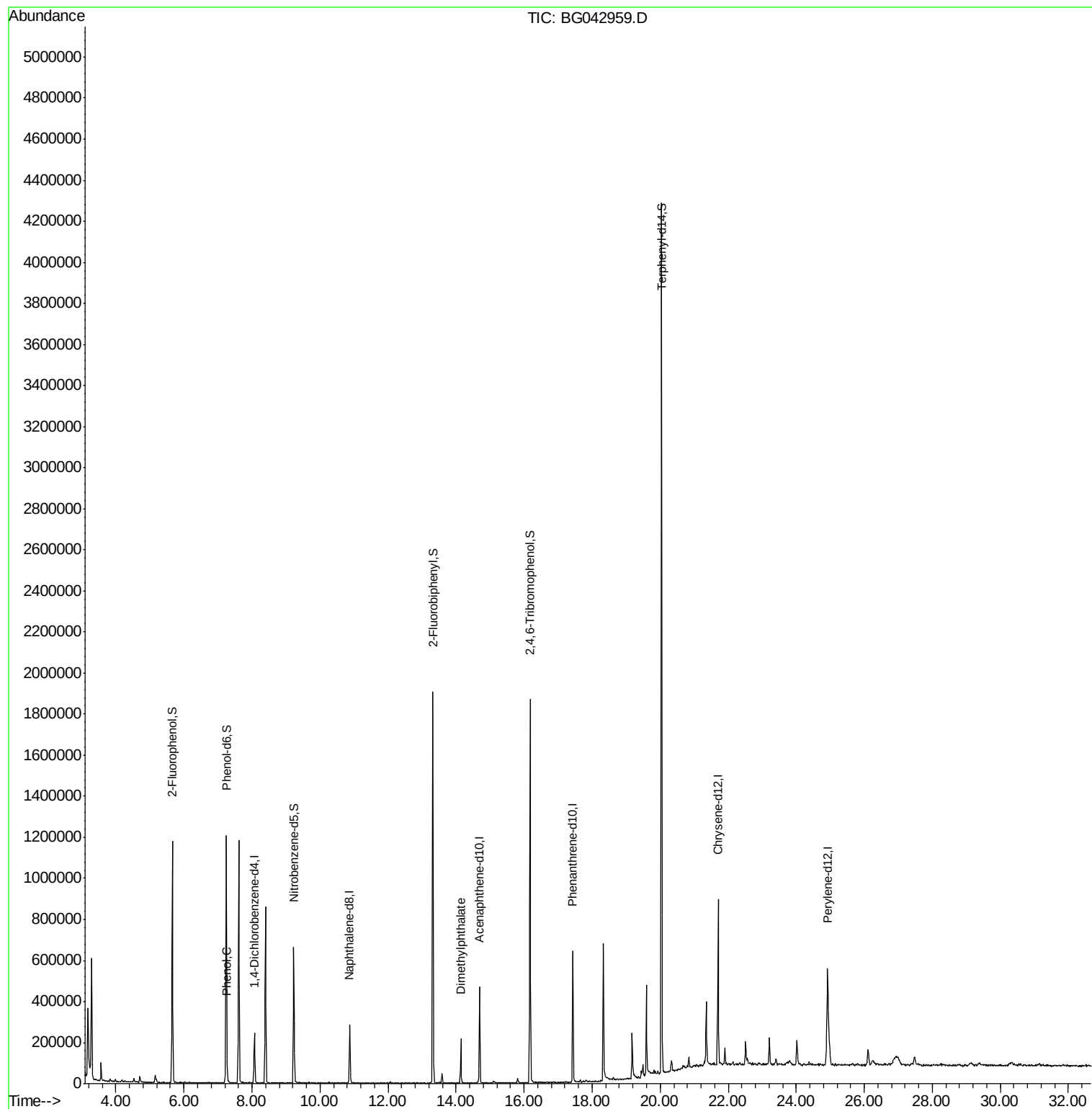
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	69740	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	241237	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	169532	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	415289	20.00	ng	0.00
76) Chrysene-d12	21.70	240	478621	20.00	ng	-0.01
87) Perylene-d12	24.92	264	545691	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	482520	123.48	ng	0.00
7) Phenol-d6	7.24	99	679950	120.83	ng	0.00
23) Nitrobenzene-d5	9.23	82	419820	84.59	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	392444	134.62	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1017428	87.00	ng	0.00
79) Terphenyl-d14	20.04	244	2052130	91.36	ng	0.00
Target Compounds						
10) Phenol	7.27	94	11911	2.307	ng	87
50) Dimethylphthalate	14.14	163	140526	11.063	ng	98

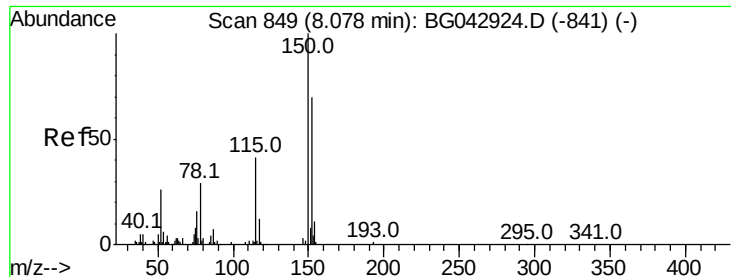
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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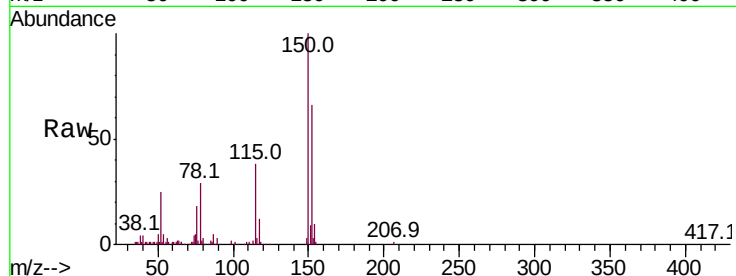


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Instrument :
BNA_G
ClientSampleId :
SU-04-092619

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	115.0	172.4
115	56.8	47.0	70.6

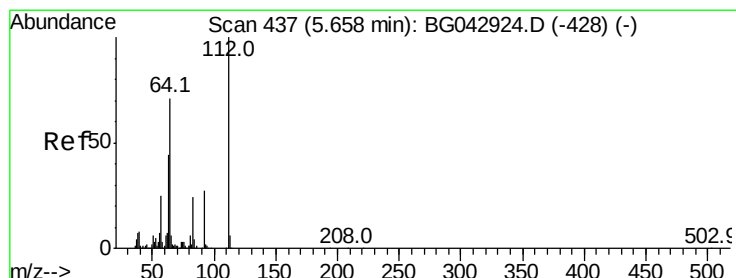
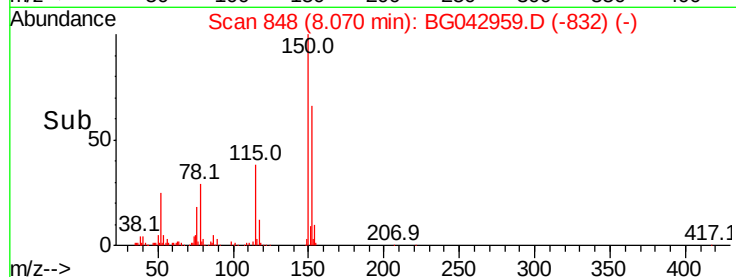
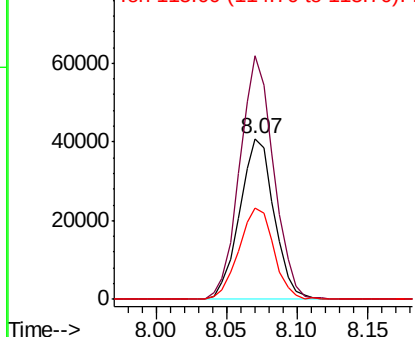


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

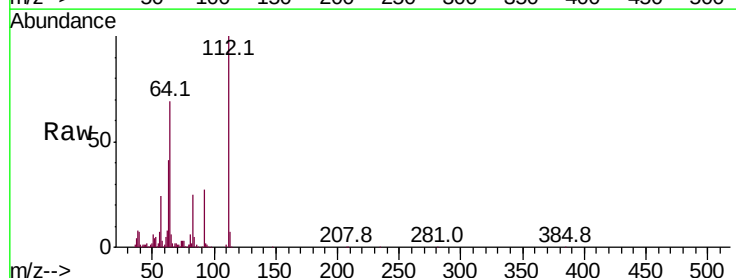
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.475 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	56.6	84.8
63	40.9	35.1	52.7

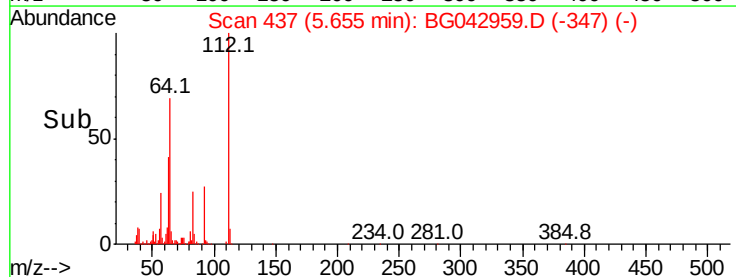
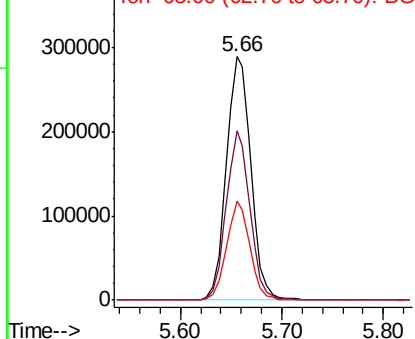


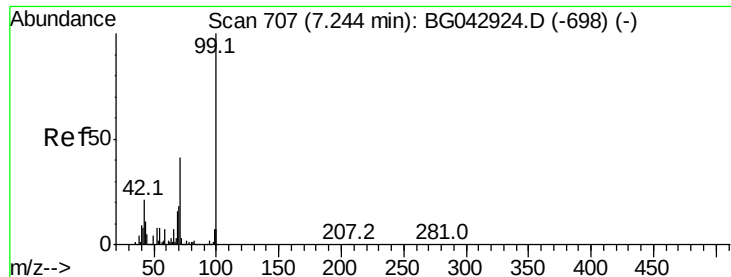
Abundance

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: 120.826 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042959.D

Acq: 1 Oct 2019 2:35

Instrument :

BNA_G

ClientSampleId :

SU-04-092619

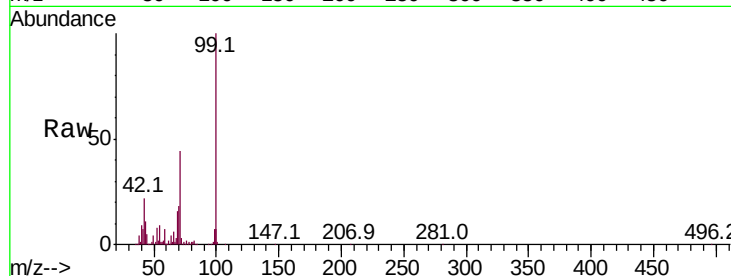
Tot Ion: 99 Resp: 679950

Ion Ratio Lower Upper

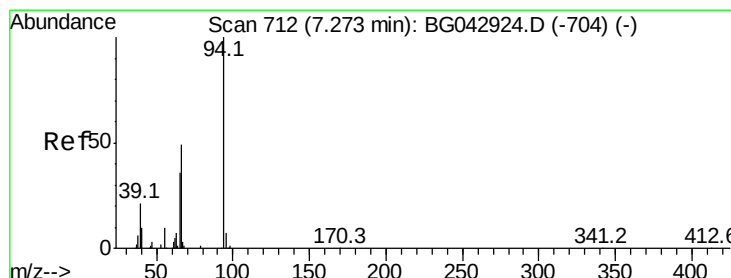
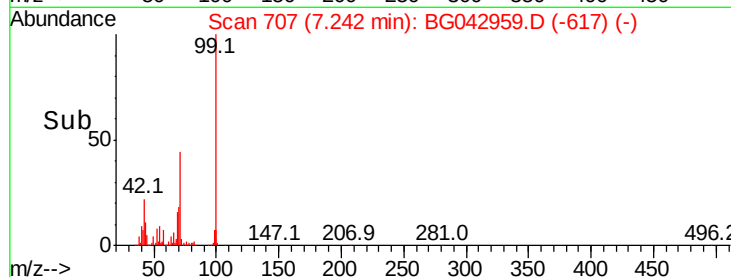
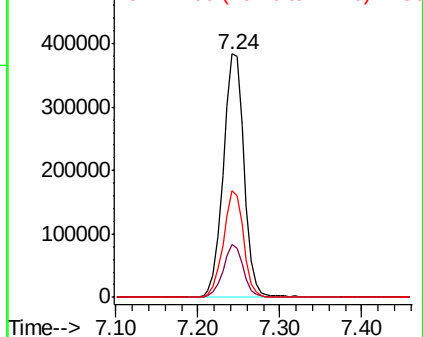
99 100

42 21.6 17.2 25.8

71 44.0 33.1 49.7



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: 2.307 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG042959.D

Acq: 1 Oct 2019 2:35

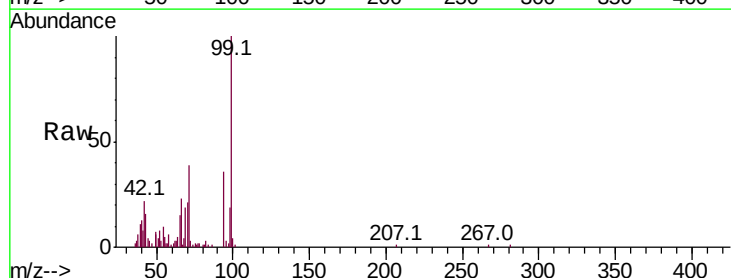
Tgt Ion: 94 Resp: 11911

Ion Ratio Lower Upper

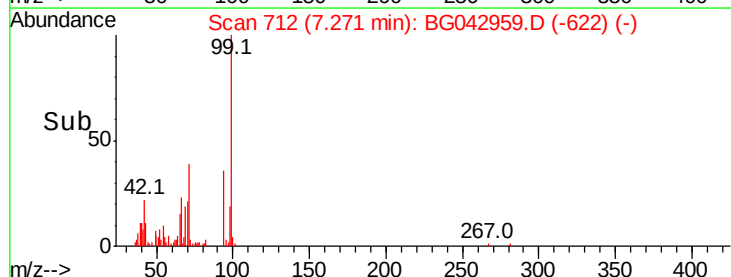
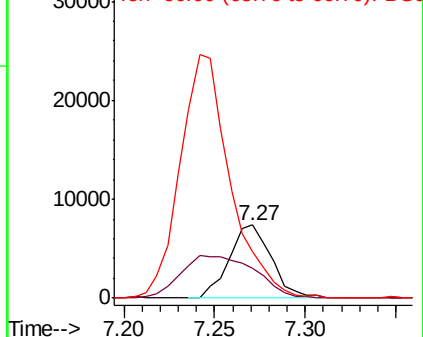
94 100

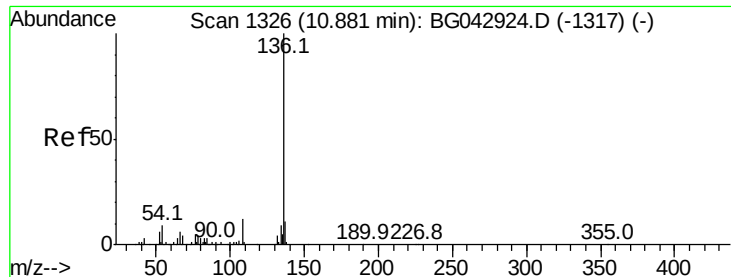
65 41.5 16.6 56.6

66 64.1 32.4 72.4



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

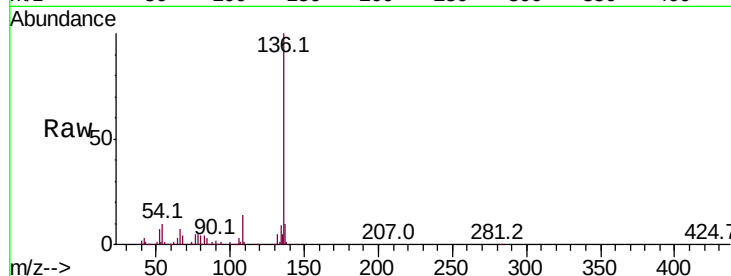




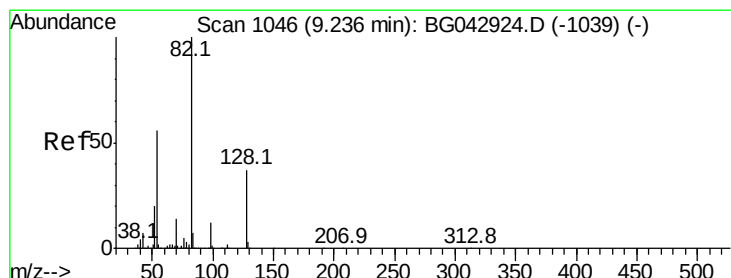
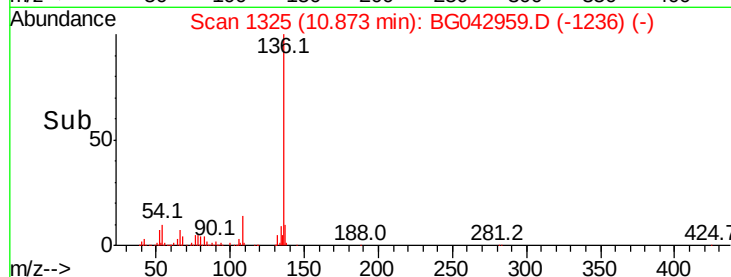
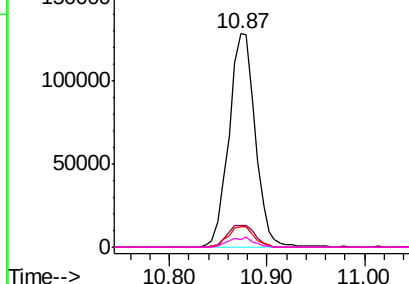
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Instrument :
BNA_G
ClientSampleId :
SU-04-092619

Tot Ion:	136	Resp:	241237
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	9.7	7.4	11.2
68	3.9	3.6	5.4

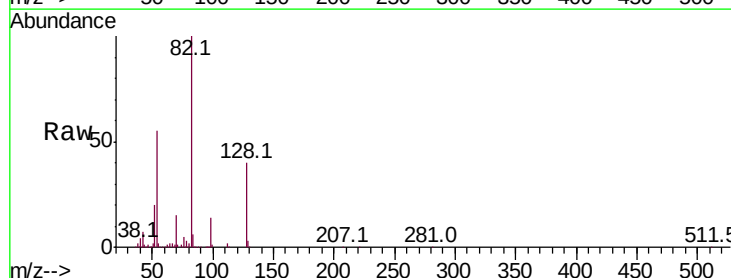


Abundance Ion 136.00 (135.70 to 136.70): BGC
200000 Ion 137.00 (136.70 to 137.70): BGC
150000 Ion 54.00 (53.70 to 54.70): BGC
100000 Ion 68.00 (67.70 to 68.70): BGC
50000
0

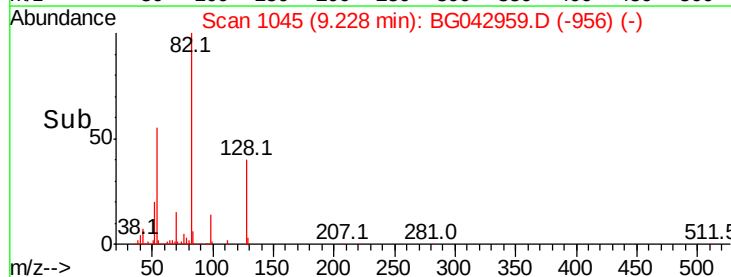
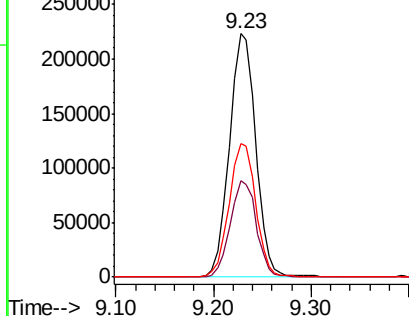


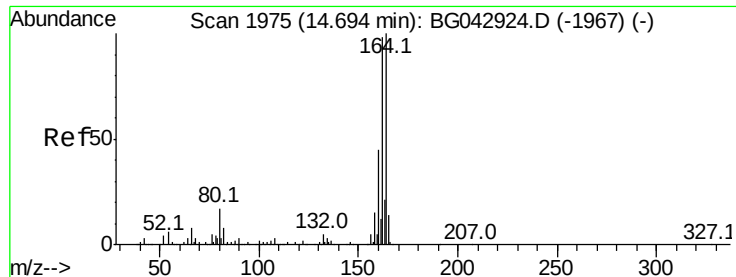
#23
Nitrobenzene-d5
Concen: 84.587 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Tgt Ion:	82	Resp:	419820
Ion	Ratio	Lower	Upper
82	100		
128	39.8	29.5	44.3
54	55.1	44.6	67.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
300000 Ion 128.00 (127.70 to 128.70): BGC
250000 Ion 54.00 (53.70 to 54.70): BGC
200000
150000
100000
50000
0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG042959.D

Acq: 1 Oct 2019 2:35

Instrument :

BNA_G

ClientSampleId :

SU-04-092619

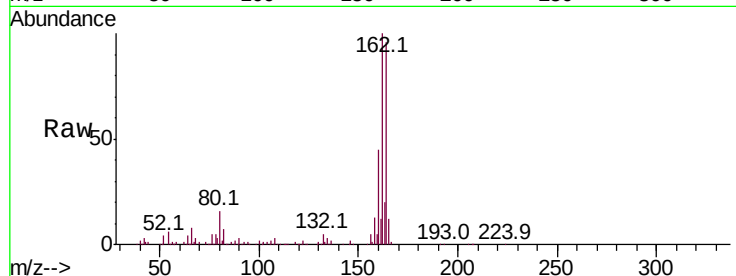
Tot Ion:164 Resp: 169532

Ion Ratio Lower Upper

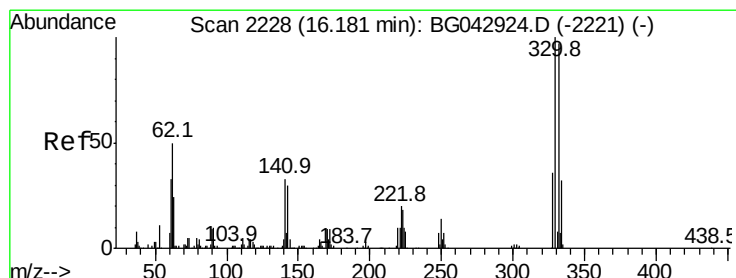
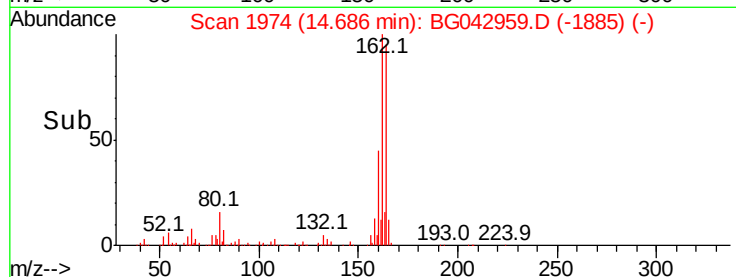
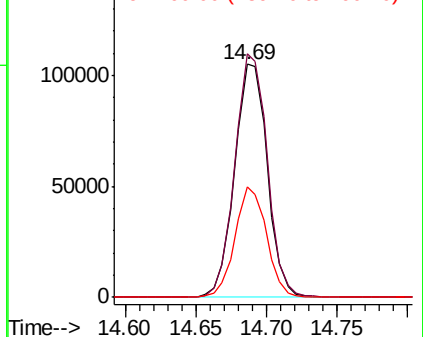
164 100

162 104.6 78.5 117.7

160 47.3 35.9 53.9



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: 134.619 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG042959.D

Acq: 1 Oct 2019 2:35

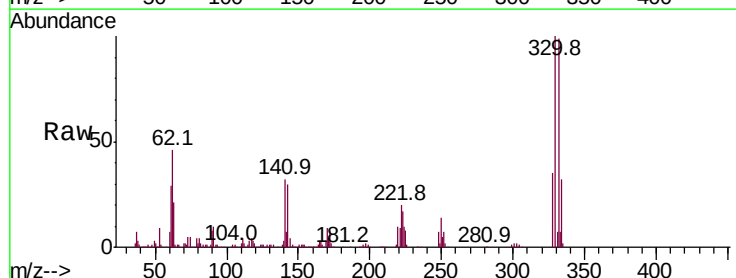
Tgt Ion:330 Resp: 392444

Ion Ratio Lower Upper

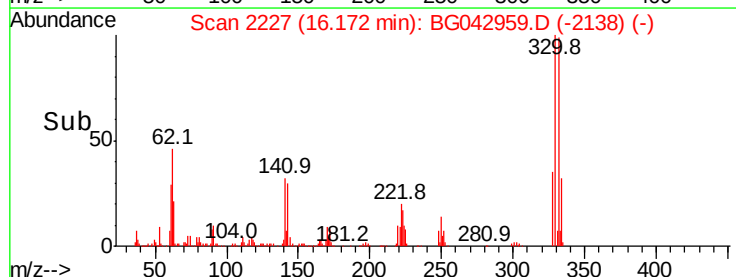
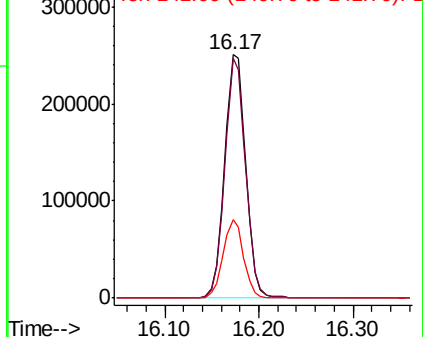
330 100

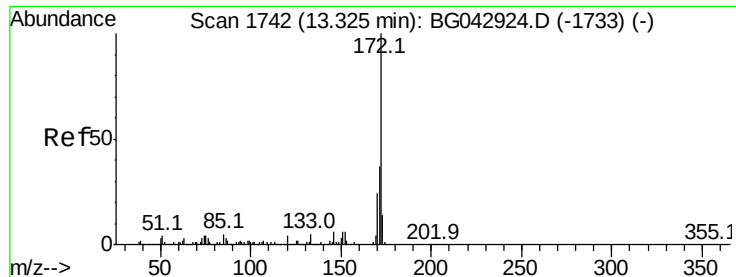
332 96.3 78.2 117.2

141 31.3 26.0 39.0



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

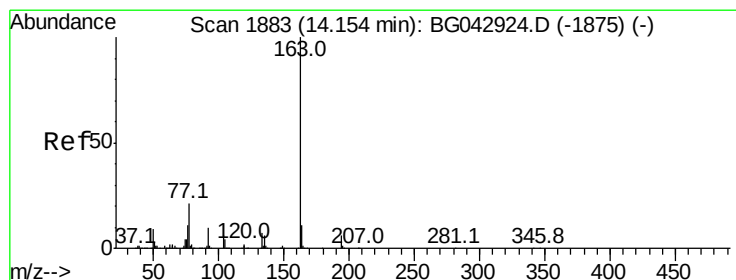
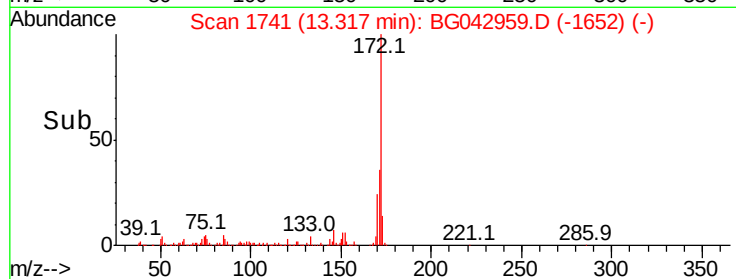
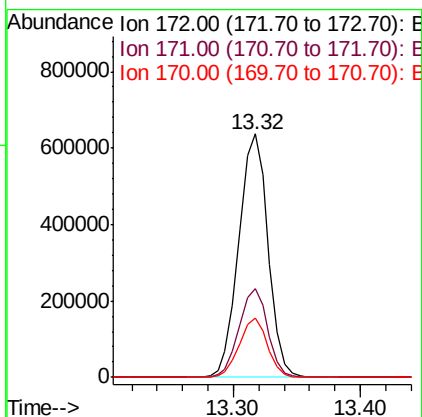
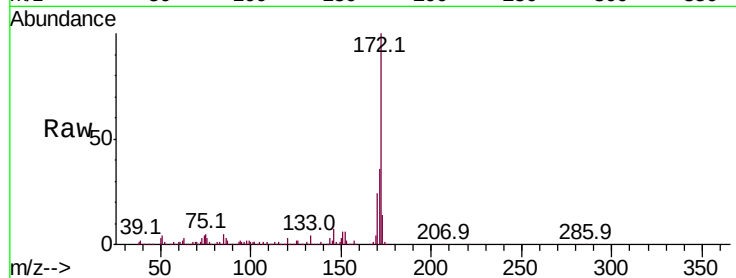




#45
2-Fluorobiphenyl
Concen: 87.002 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

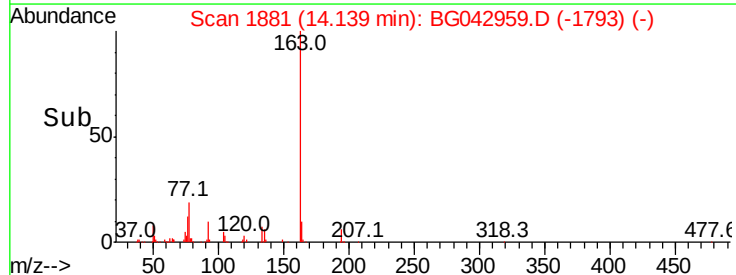
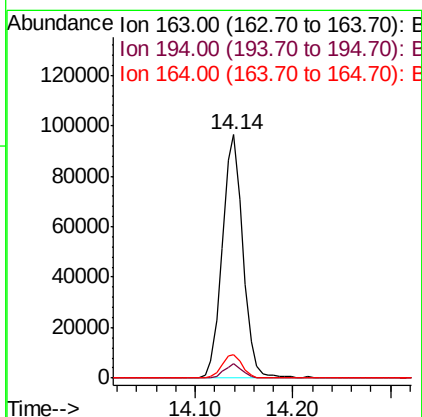
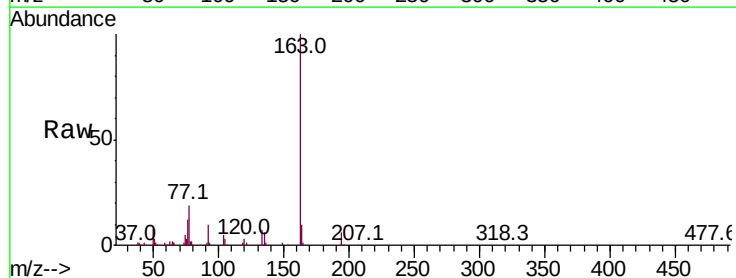
Instrument :
BNA_G
ClientSampleId :
SU-04-092619

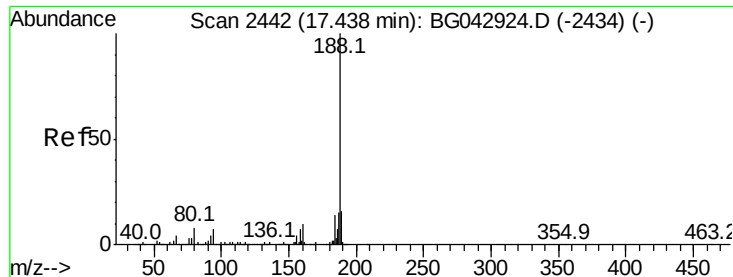
Tot Ion:172 Resp: 1017428
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.3 19.6 29.4



#50
Dimethylphthalate
Concen: 11.063 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Tgt Ion:163 Resp: 140526
Ion Ratio Lower Upper
163 100
194 6.2 4.4 6.6
164 9.8 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG042959.D

Acq: 1 Oct 2019 2:35

Instrument :

BNA_G

ClientSampleId :

SU-04-092619

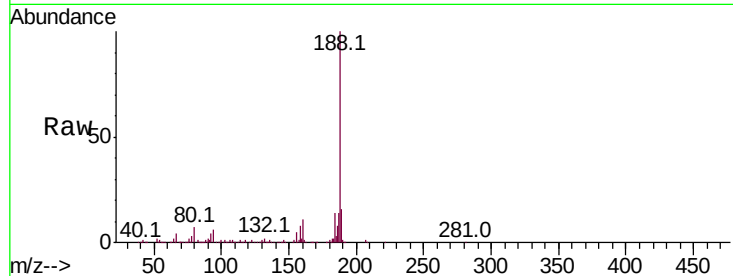
Tot Ion:188 Resp: 415289

Ion Ratio Lower Upper

188 100

94 5.5 5.7 8.5#

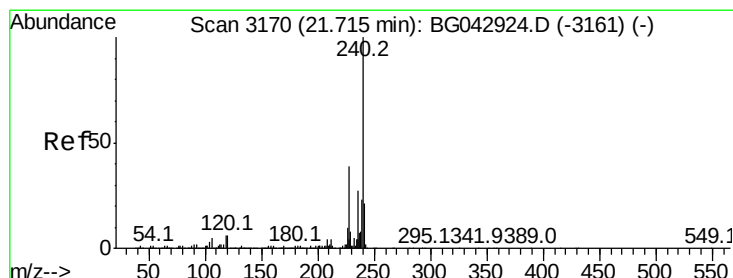
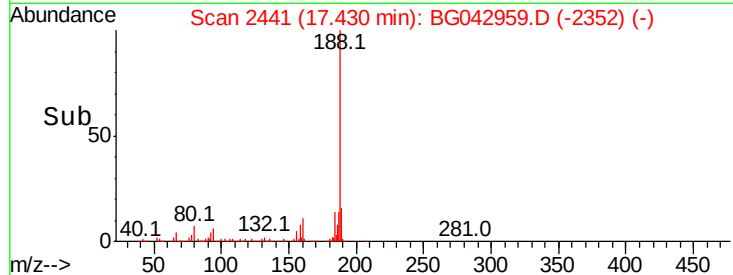
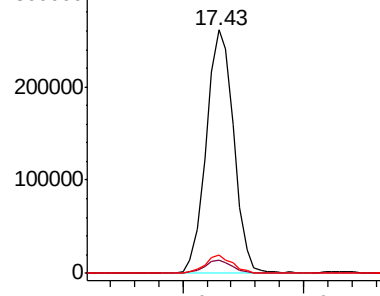
80 7.3 6.5 9.7



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: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG042959.D

Acq: 1 Oct 2019 2:35

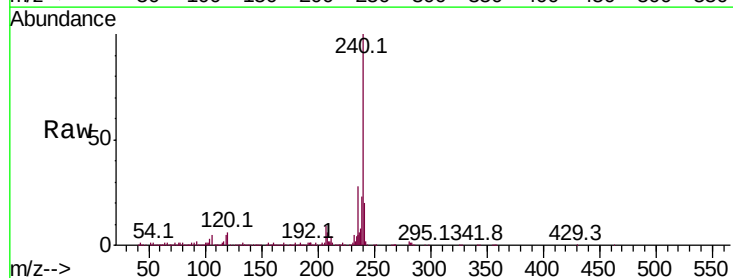
Tgt Ion:240 Resp: 478621

Ion Ratio Lower Upper

240 100

120 5.5 4.8 7.2

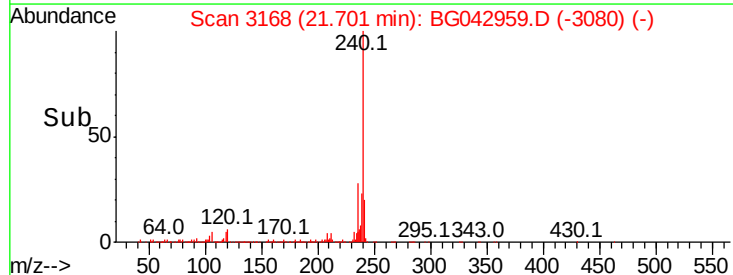
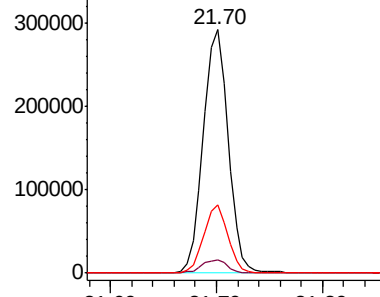
236 27.9 21.4 32.0

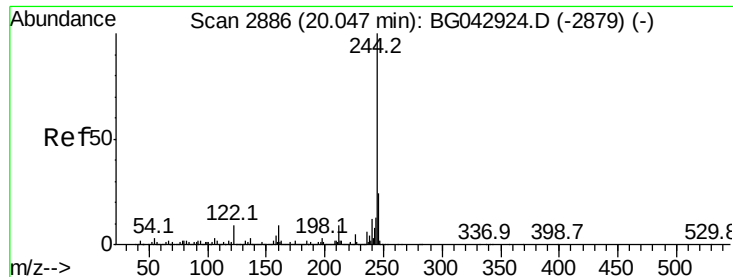


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.363 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042959.D

Acq: 1 Oct 2019 2:35

Instrument :

BNA_G

ClientSampleId :

SU-04-092619

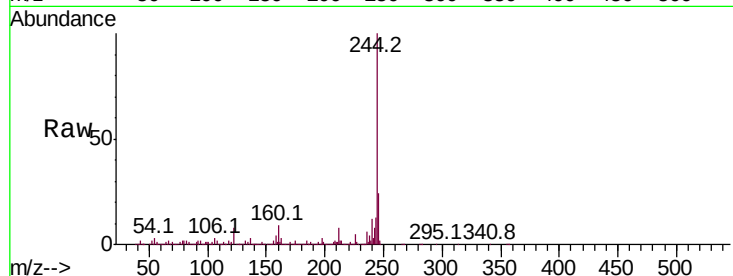
Tot Ion:244 Resp: 2052130

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.0

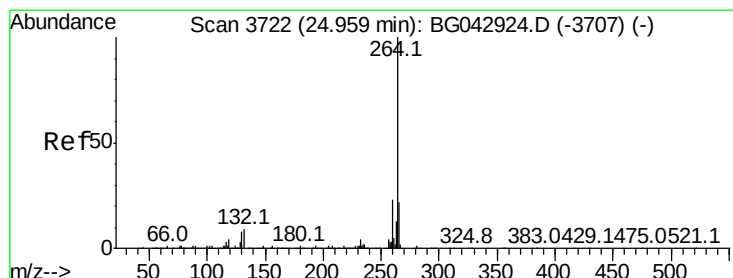
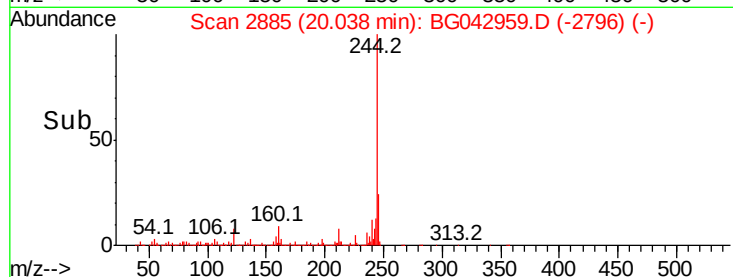
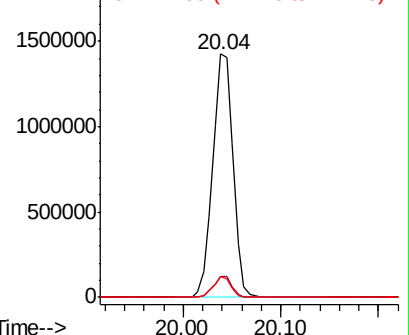
122 8.4 7.0 10.4



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. -0.04 min

Lab File: BG042959.D

Acq: 1 Oct 2019 2:35

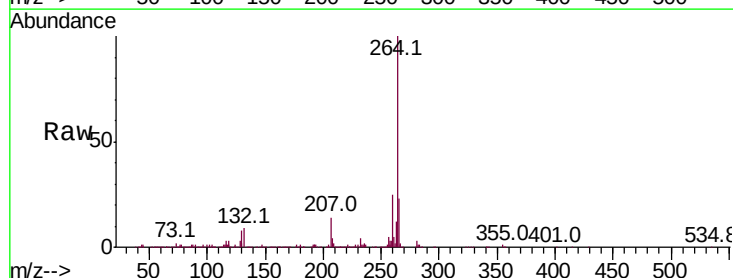
Tgt Ion:264 Resp: 545691

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 22.8 17.7 26.5



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

