

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040333.D
 Acq On : 3 Apr 2019 19:46
 Operator : JU/SJ
 Sample : K2180-27
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Apr 04 02:15:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

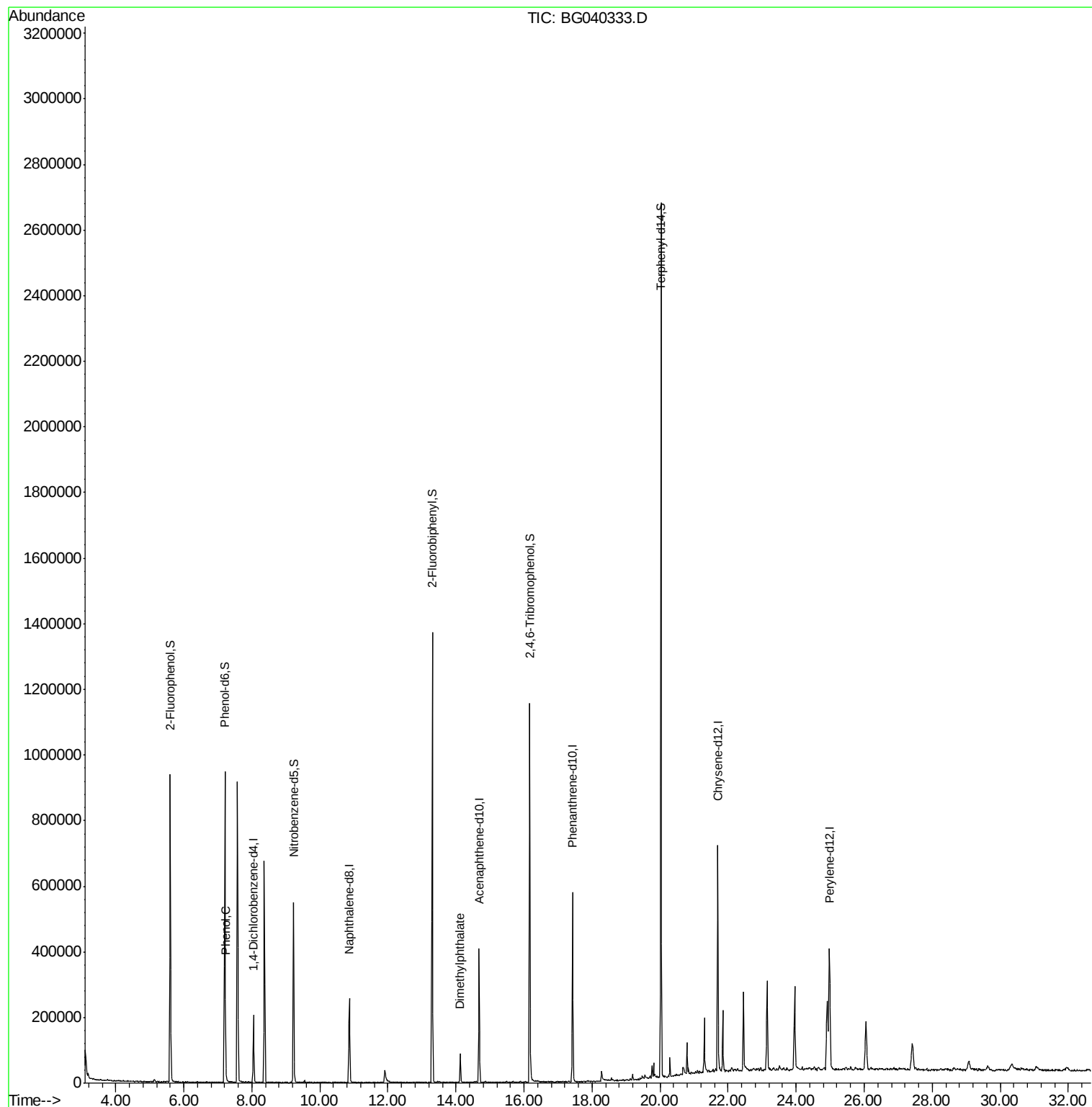
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59333	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	234212	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	141396	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	365944	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	398004	20.00	ng	-0.03
87) Perylene-d12	24.98	264	407391	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	424142	118.84	ng	-0.02
7) Phenol-d6	7.20	99	579256	117.44	ng	-0.02
23) Nitrobenzene-d5	9.22	82	339228	76.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	220256	144.14	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	747657	78.35	ng	-0.02
79) Terphenyl-d14	20.02	244	1246434	70.45	ng	-0.03
Target Compounds						
10) Phenol	7.23	94	16523	3.086	ng	74
50) Dimethylphthalate	14.13	163	61965	5.599	ng	99

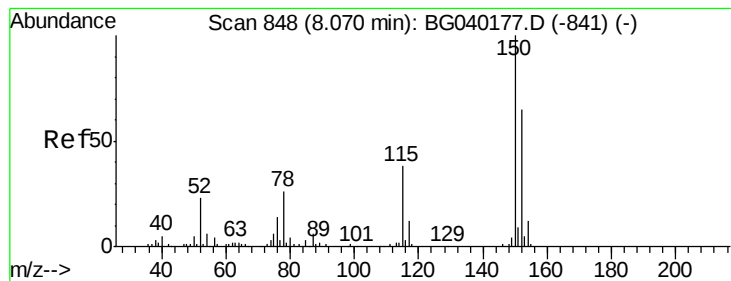
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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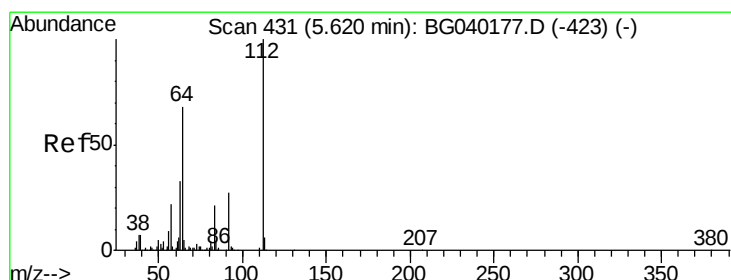
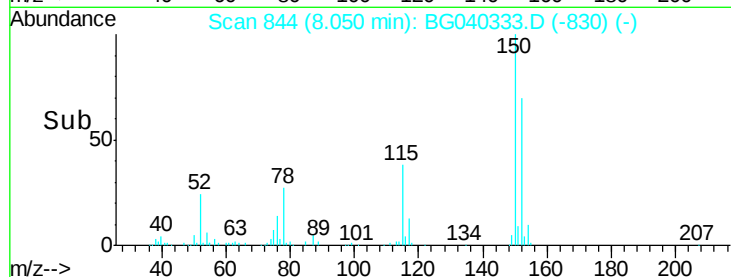
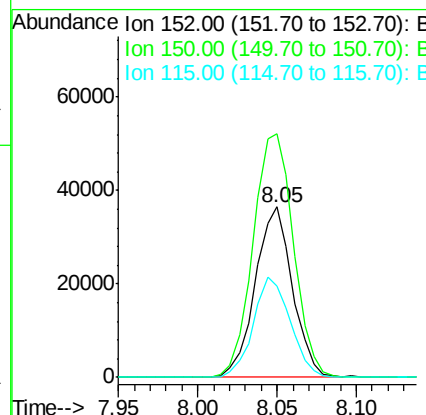
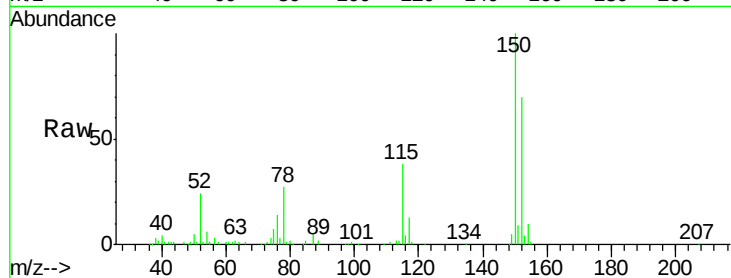


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040333.D
Acq: 3 Apr 2019 19:46

Instrument :
BNA_G
ClientSampleId :
TP-1

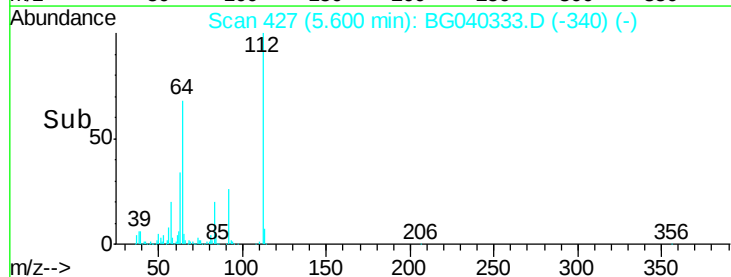
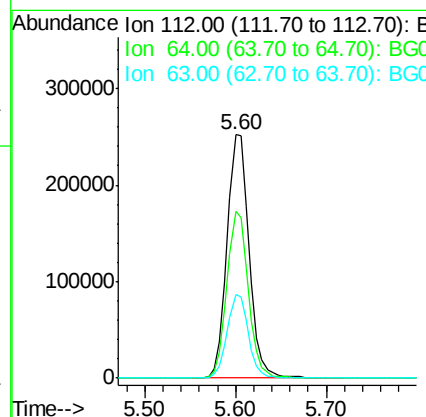
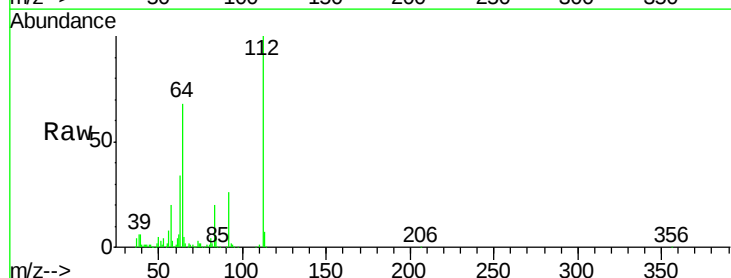
Tgt Ion:152 Resp: 59333
Ion Ratio Lower Upper
152 100
150 143.1 123.7 185.5
115 53.7 46.9 70.3

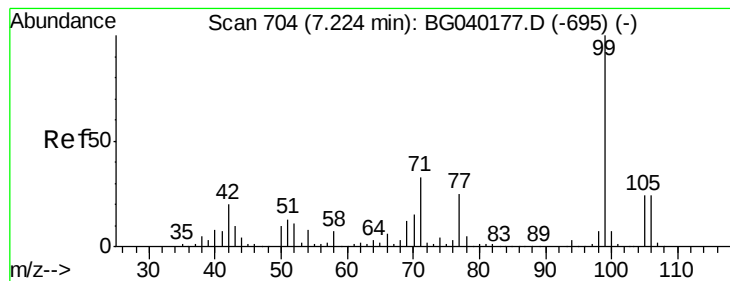


#5

2-Fluorophenol
Concen: 118.838 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040333.D
Acq: 3 Apr 2019 19:46

Tgt Ion:112 Resp: 424142
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.2
63 34.5 26.4 39.6





#7

Phenol-d6

Concen: 117.436 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040333.D

Acq: 3 Apr 2019 19:46

Instrument :

BNA_G

ClientSampleId :

TP-1

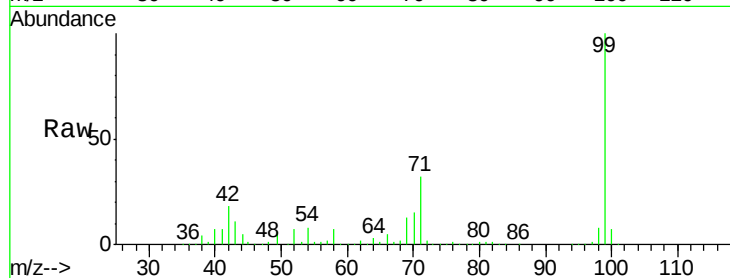
Tgt Ion: 99 Resp: 579256

Ion Ratio Lower Upper

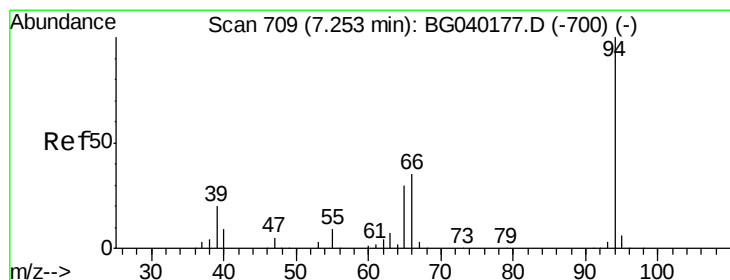
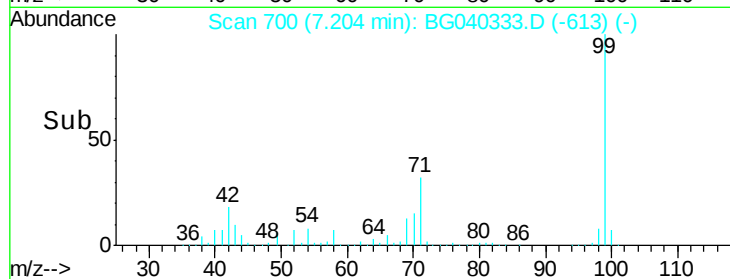
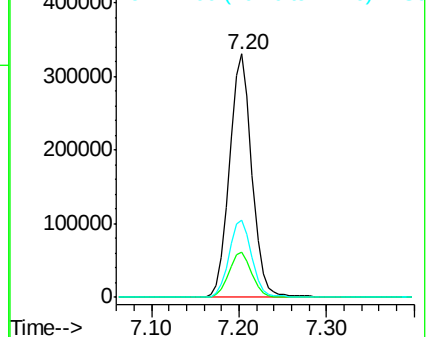
99 100

42 18.3 16.2 24.2

71 31.6 26.8 40.2



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: 3.086 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.03 min

Lab File: BG040333.D

Acq: 3 Apr 2019 19:46

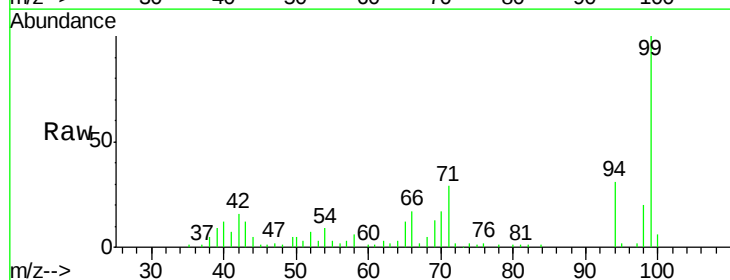
Tgt Ion: 94 Resp: 16523

Ion Ratio Lower Upper

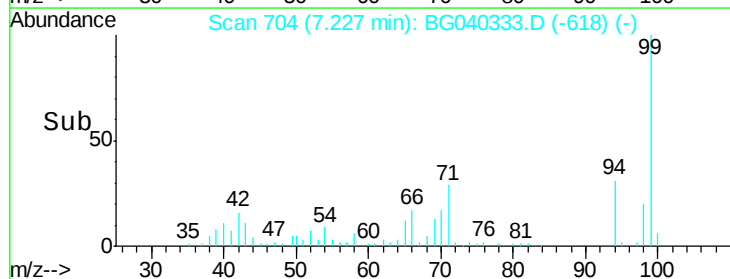
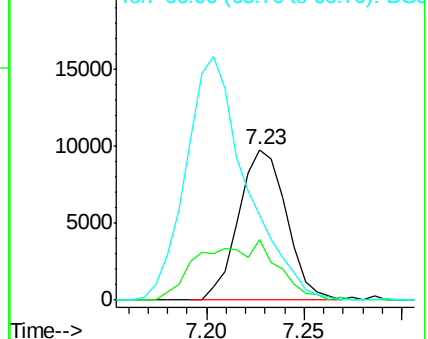
94 100

65 39.9 10.5 50.5

66 56.4 16.9 56.9



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

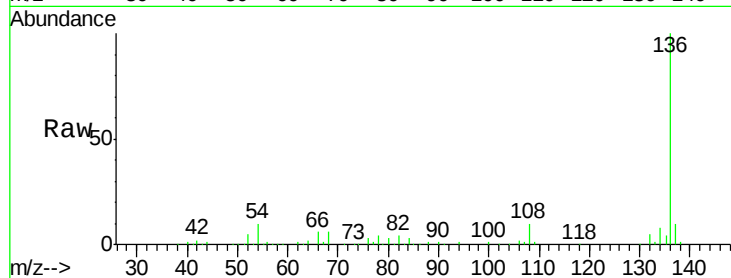




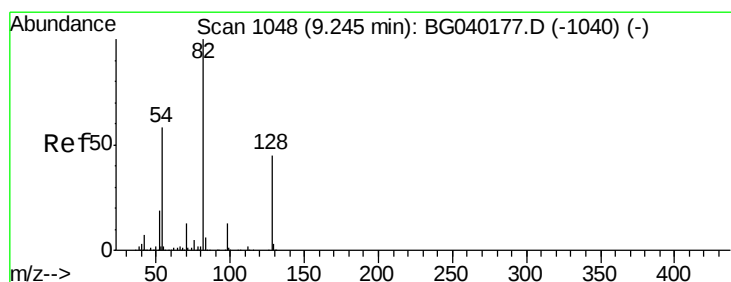
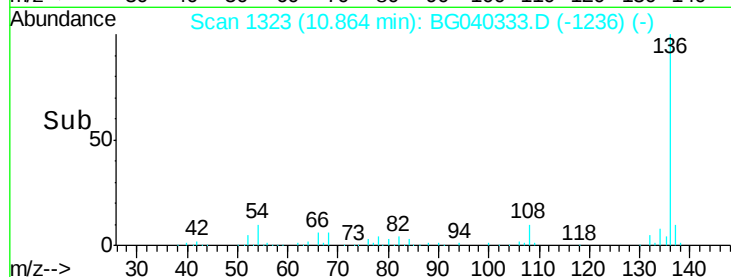
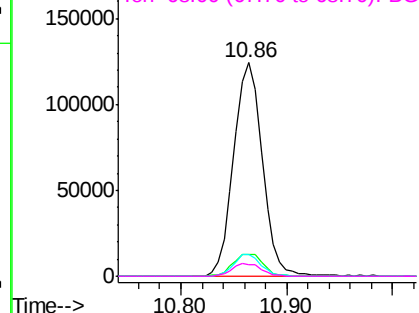
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040333.D
Acq: 3 Apr 2019 19:46

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:	136	Resp:	234212
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	10.0	9.6	14.4
68	5.5	5.1	7.7

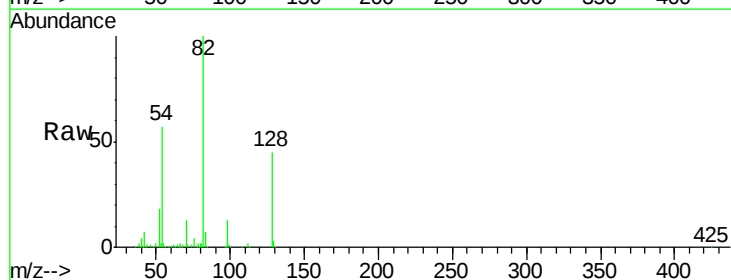


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

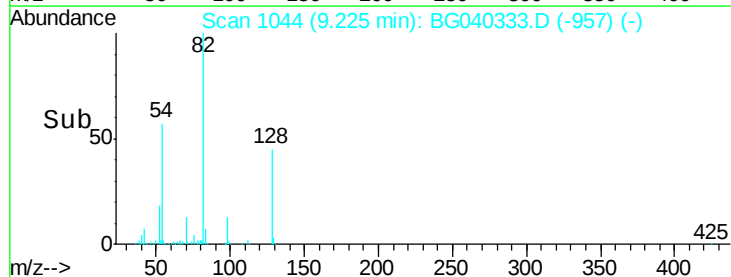
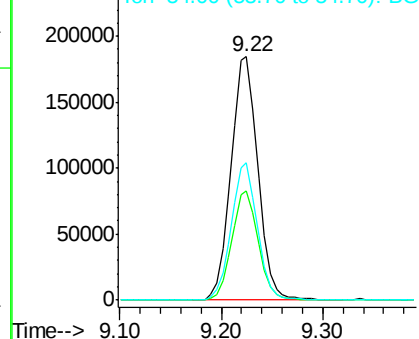


#23
Nitrobenzene-d5
Concen: 76.986 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040333.D
Acq: 3 Apr 2019 19:46

Tgt Ion:	82	Resp:	339228
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.8	53.8
54	56.6	46.2	69.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
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. -0.03 min

Lab File: BG040333.D

Acq: 3 Apr 2019 19:46

Instrument :

BNA_G

ClientSampleId :

TP-1

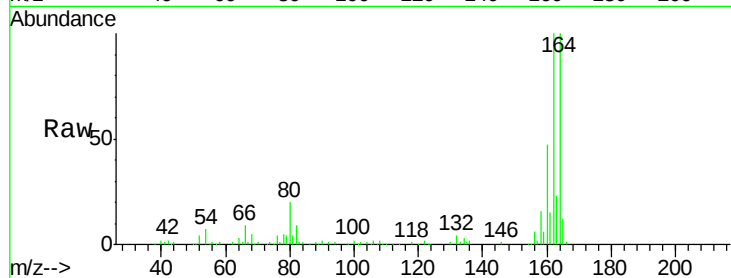
Tgt Ion:164 Resp: 141396

Ion Ratio Lower Upper

164 100

162 100.0 77.4 116.2

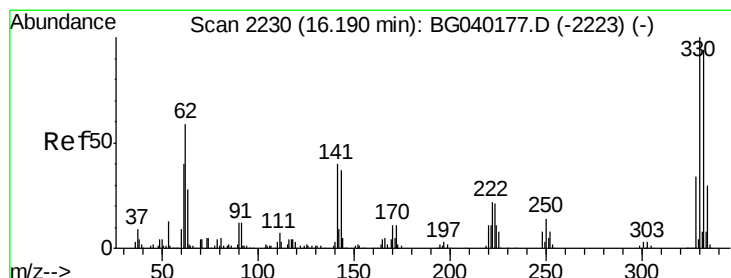
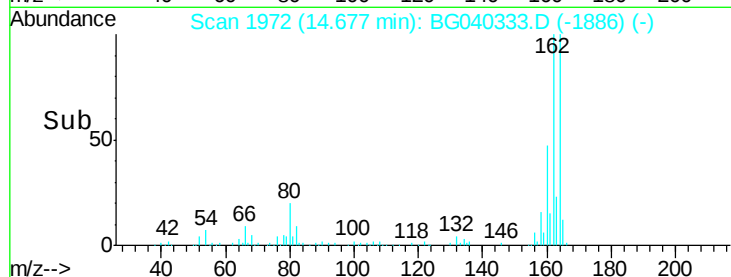
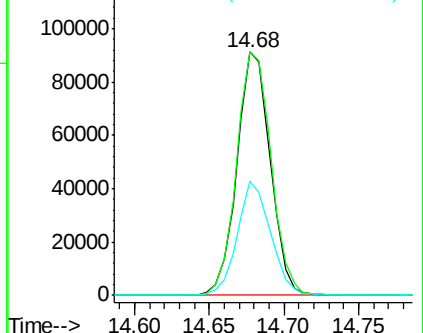
160 46.9 35.3 52.9



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: 144.135 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040333.D

Acq: 3 Apr 2019 19:46

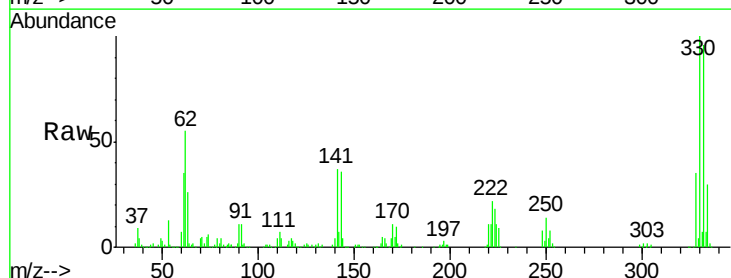
Tgt Ion:330 Resp: 220256

Ion Ratio Lower Upper

330 100

332 98.4 76.6 115.0

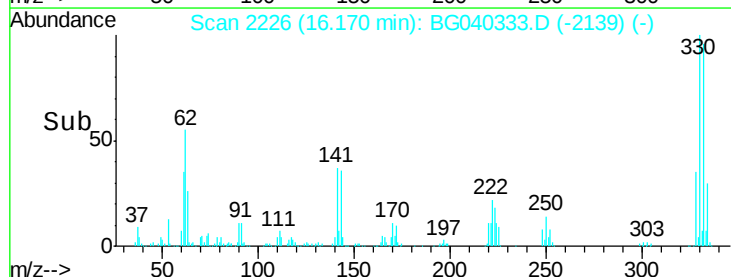
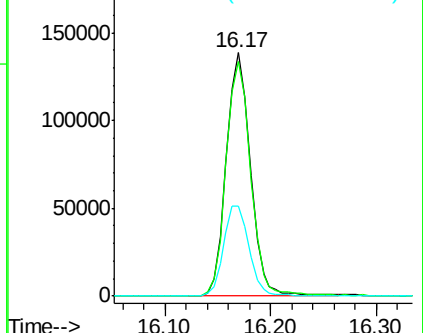
141 39.4 32.6 48.8

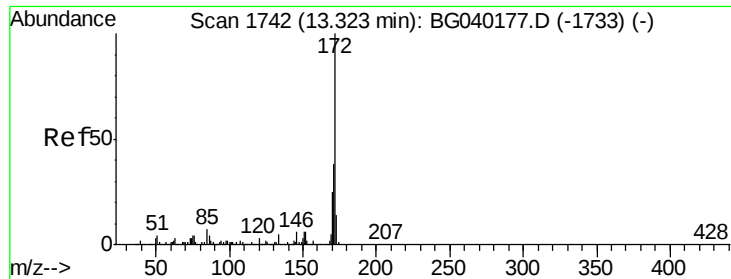


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

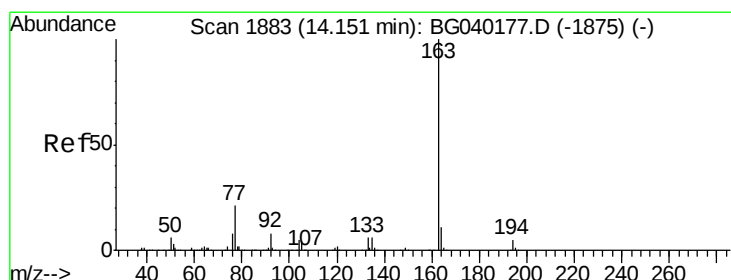
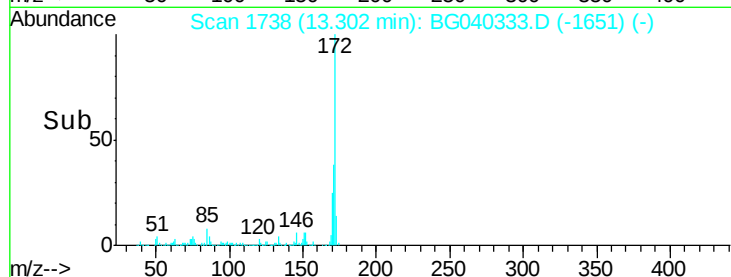
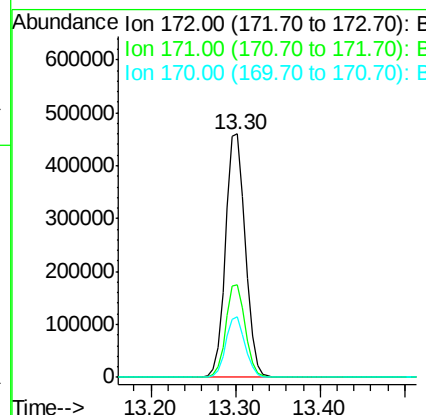
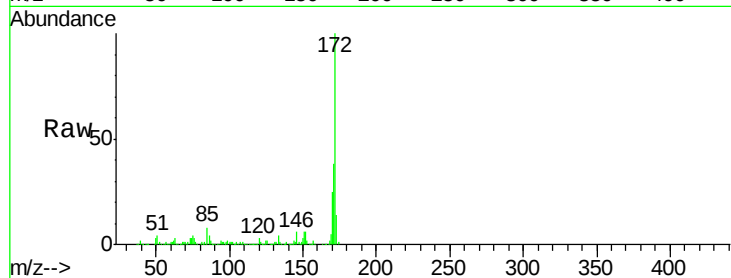




#45
2-Fluorobiphenyl
Concen: 78.351 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040333.D
Acq: 3 Apr 2019 19:46

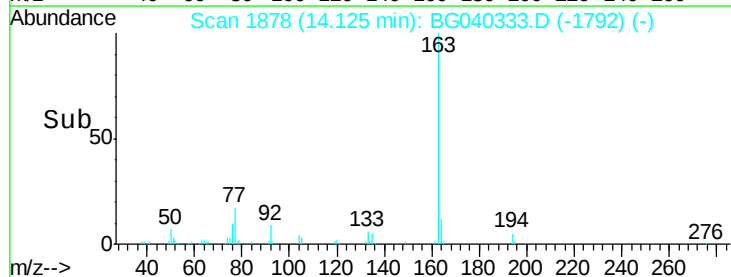
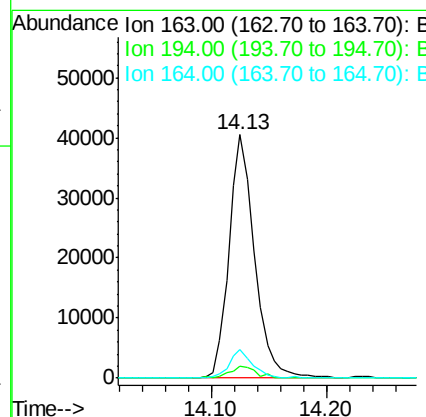
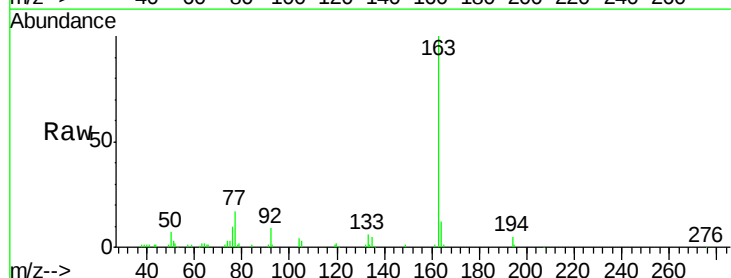
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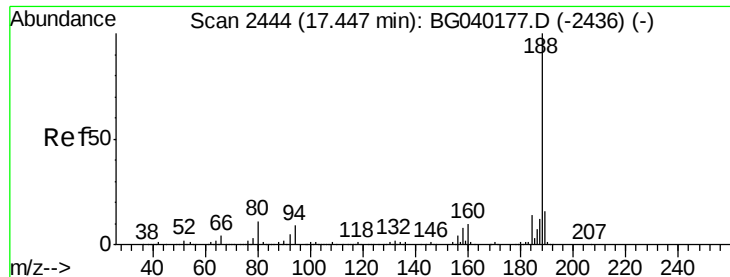
Tgt Ion:172 Resp: 747657
Ion Ratio Lower Upper
172 100
171 37.8 30.5 45.7
170 24.9 20.1 30.1



#50
Dimethylphthalate
Concen: 5.599 ng
RT: 14.13 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040333.D
Acq: 3 Apr 2019 19:46

Tgt Ion:163 Resp: 61965
Ion Ratio Lower Upper
163 100
194 5.0 4.1 6.1
164 11.5 8.6 13.0

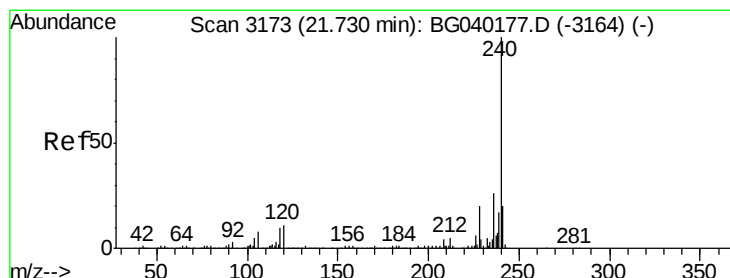
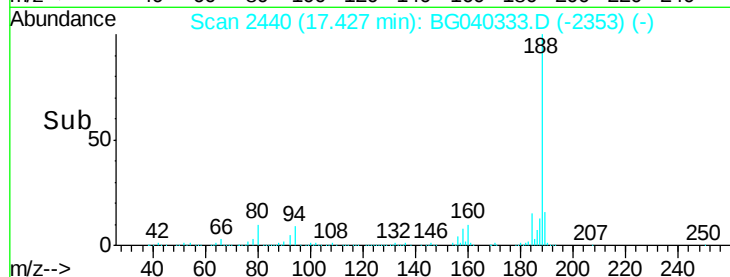
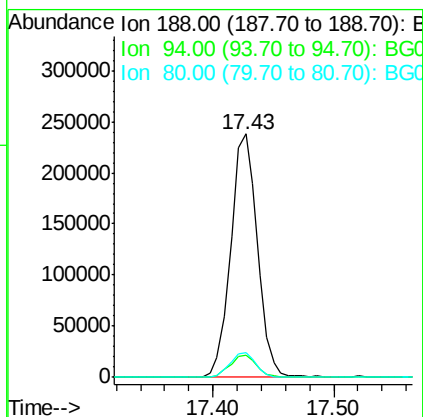
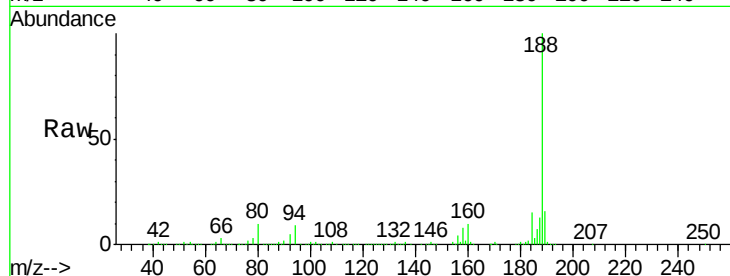




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040333.D
Acq: 3 Apr 2019 19:46

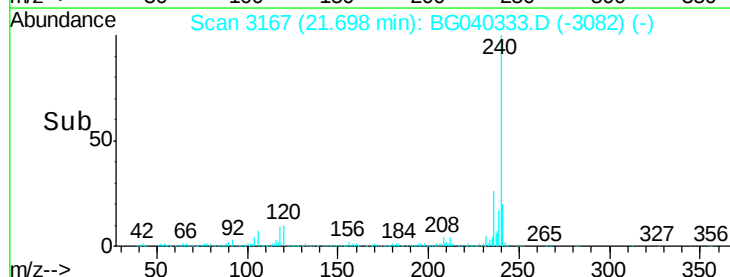
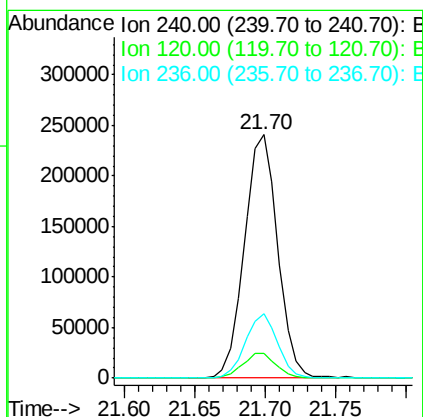
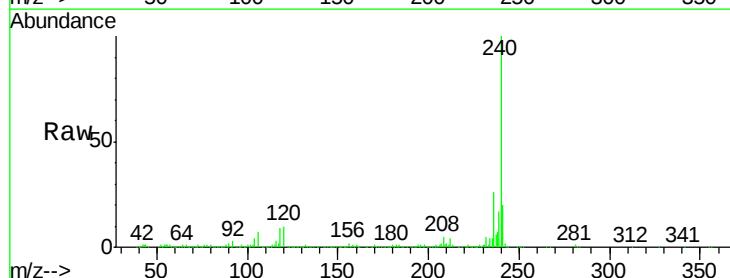
Instrument :
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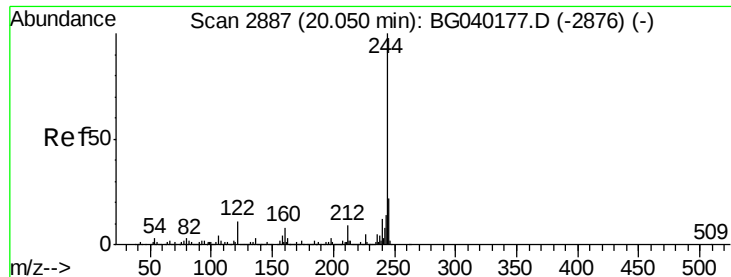
Tgt Ion:188 Resp: 365944
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 9.9 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.03 min
Lab File: BG040333.D
Acq: 3 Apr 2019 19:46

Tgt Ion:240 Resp: 398004
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 26.3 20.8 31.2





#79

Terphenyl-d14

Concen: 70.453 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040333.D

Acq: 3 Apr 2019 19:46

Instrument :

BNA_G

ClientSampleId :

TP-1

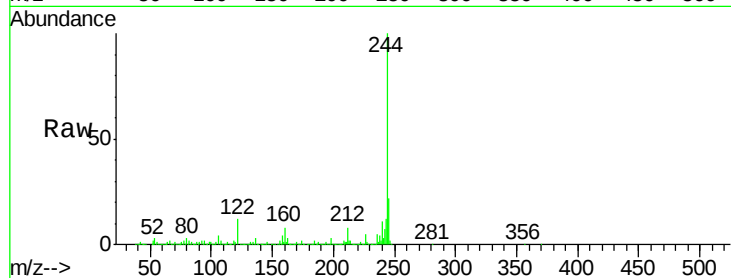
Tgt Ion:244 Resp: 1246434

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

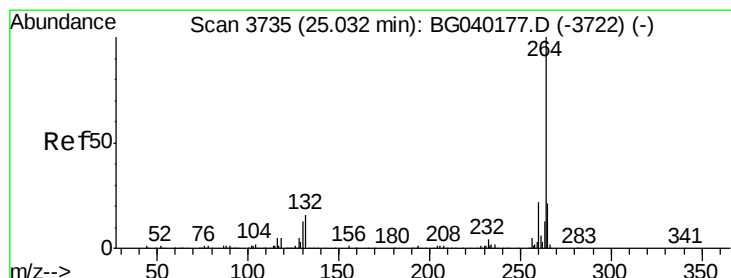
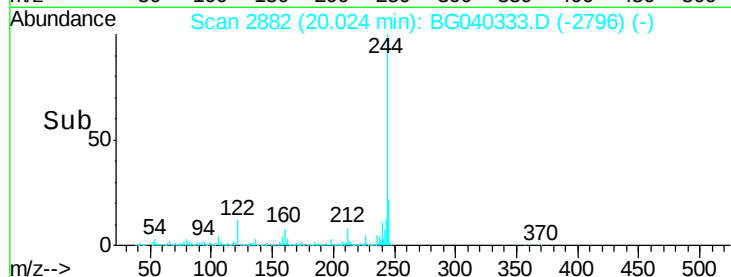
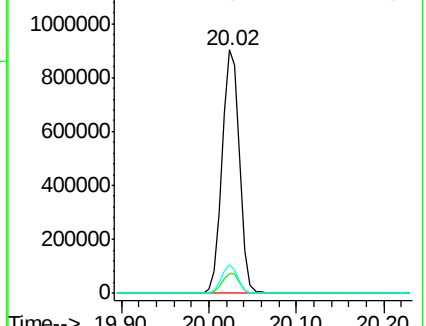
122 11.7 8.5 12.7



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: 24.98 min Scan# 3726

Delta R.T. -0.05 min

Lab File: BG040333.D

Acq: 3 Apr 2019 19:46

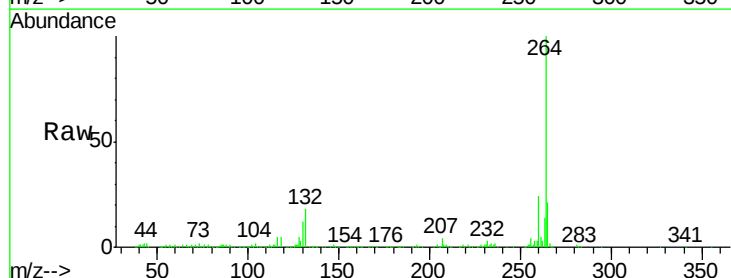
Tgt Ion:264 Resp: 407391

Ion Ratio Lower Upper

264 100

260 23.7 17.9 26.9

265 21.2 16.8 25.2



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

