

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
 Data File : BP000540.D
 Acq On : 07 Oct 2019 14:05
 Operator : JU
 Sample : K5231-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190765-SS-COMPOSITE-5

Quant Time: Oct 07 16:39:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

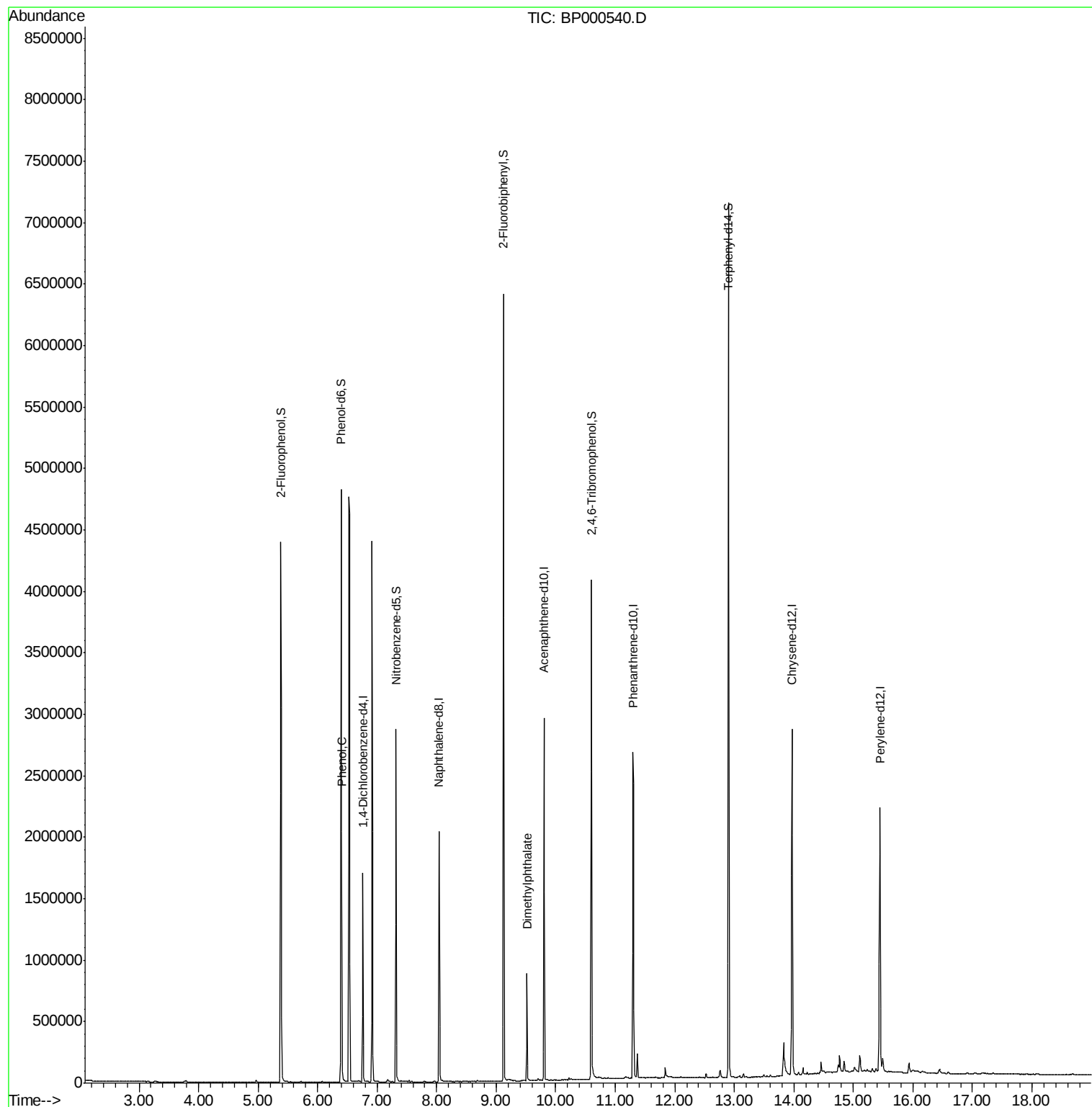
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	260487	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	952462	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	536415	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	988216	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	890220	20.00	ng	-0.01
87) Perylene-d12	15.45	264	974405	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1348039	83.19	ng	-0.01
7) Phenol-d6	6.40	99	1747528	89.49	ng	-0.01
23) Nitrobenzene-d5	7.32	82	921178	59.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	482202	84.36	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1809397	54.58	ng	-0.01
79) Terphenyl-d14	12.90	244	2295957	52.22	ng	-0.01
Target Compounds						
10) Phenol	6.41	94	47635	2.382	ng	91
50) Dimethylphthalate	9.52	163	340057	9.123	ng	99

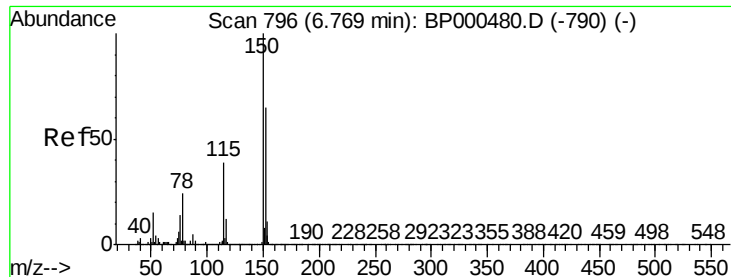
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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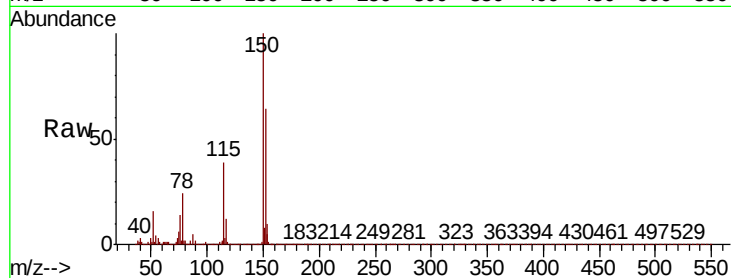


#1

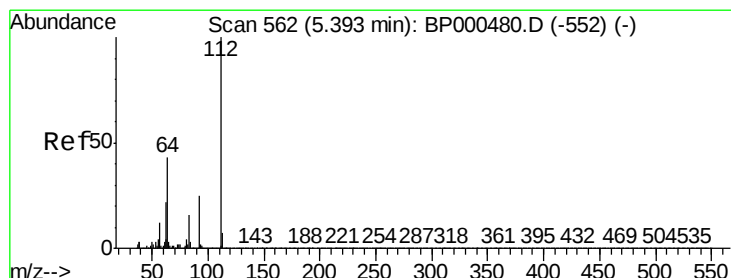
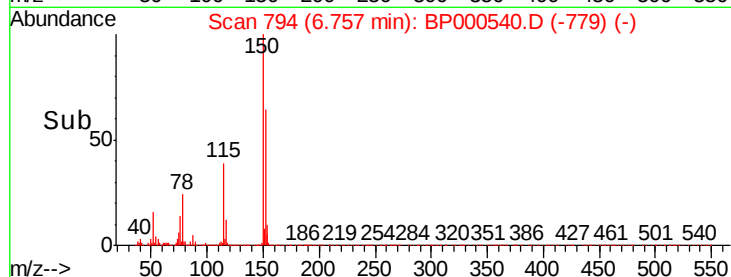
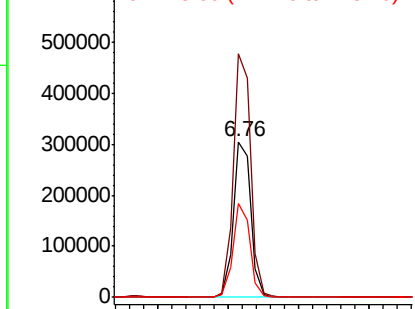
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BP000540.D
Acq: 07 Oct 2019 14:05

Instrument :
BNA_P
ClientSampleId :
20190765-SS-COMPOSITE-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.1	186.1
115	60.8	48.7	73.1



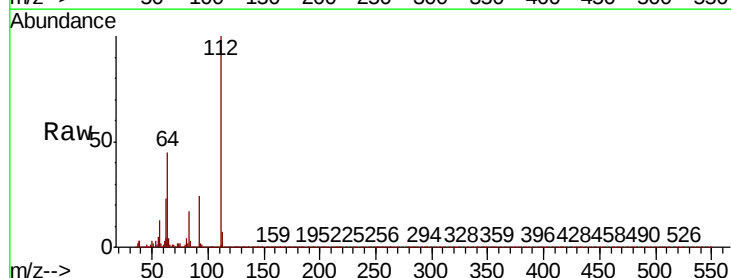
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



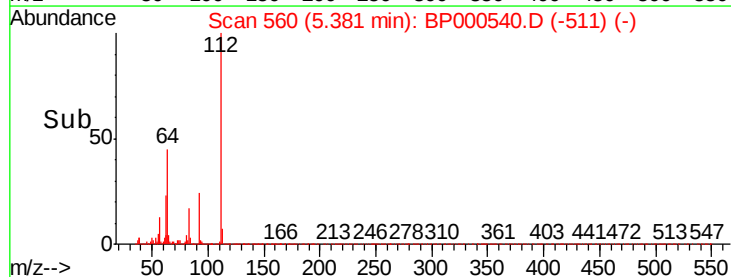
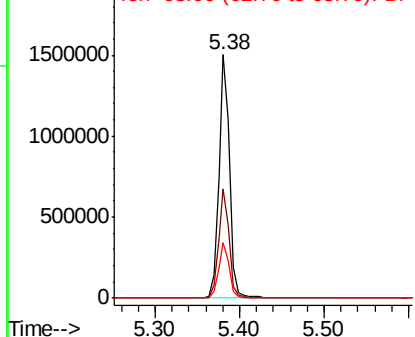
#5

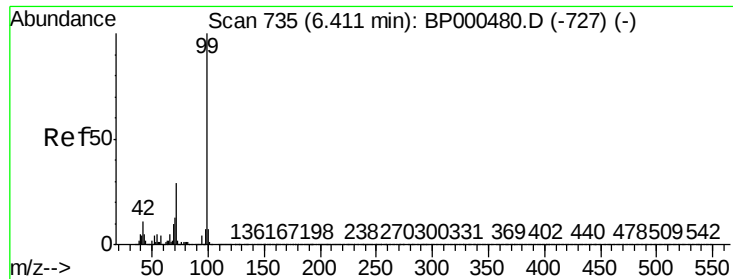
2-Fluorophenol
Concen: 83.186 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BP000540.D
Acq: 07 Oct 2019 14:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.7	34.2	51.4
63	22.8	17.9	26.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 89.489 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BP000540.D

Acq: 07 Oct 2019 14:05

Instrument :

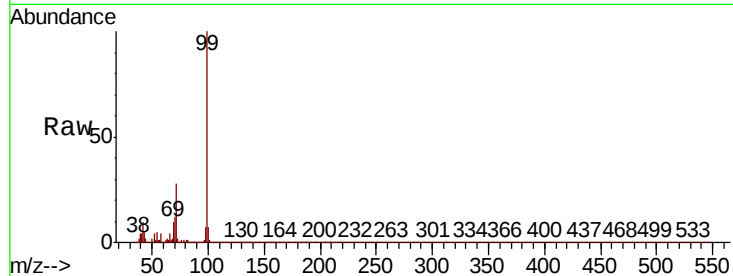
BNA_P

ClientSampleId :

20190765-SS-COMPOSITE-5

Tot Ion: 99 Resp: 1747528

Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.6	12.8
71	27.9	23.0	34.4

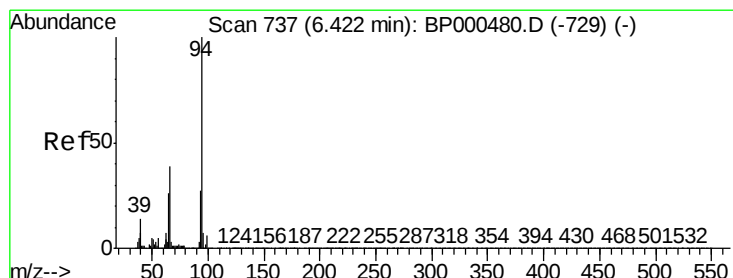
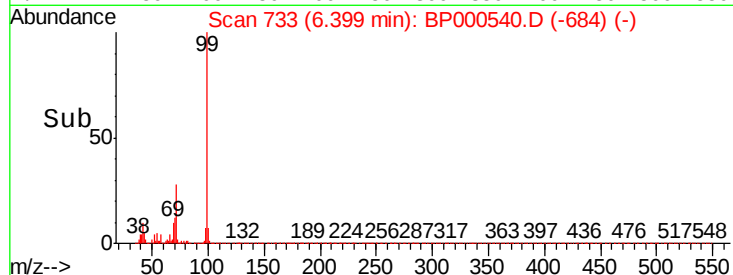


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 2.382 ng

RT: 6.41 min Scan# 735

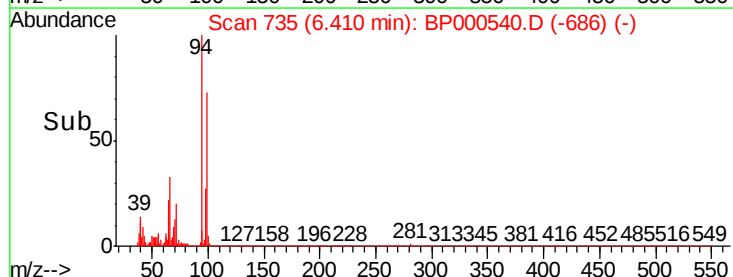
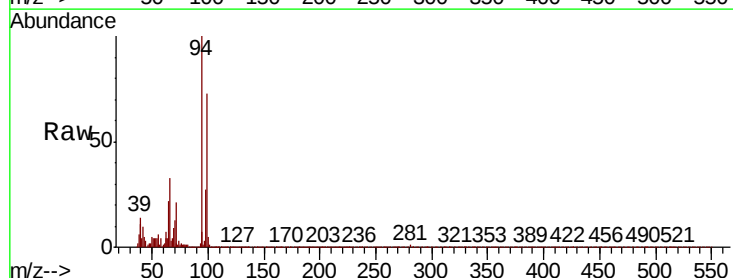
Delta R.T. -0.01 min

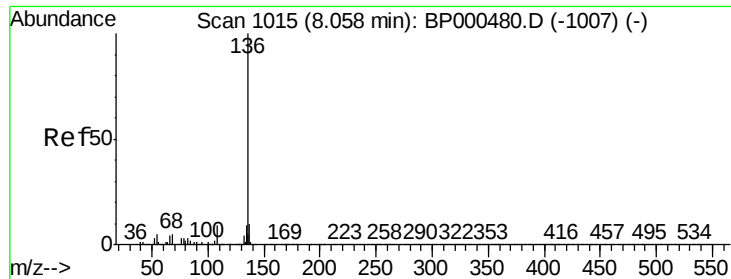
Lab File: BP000540.D

Acq: 07 Oct 2019 14:05

Tgt Ion: 94 Resp: 47635

Ion	Ratio	Lower	Upper
94	100		
65	22.5	5.9	45.9
66	32.8	18.8	58.8

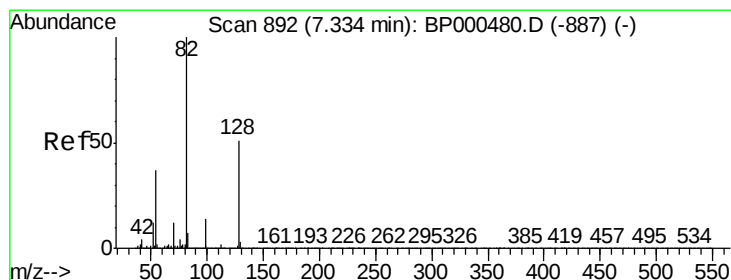
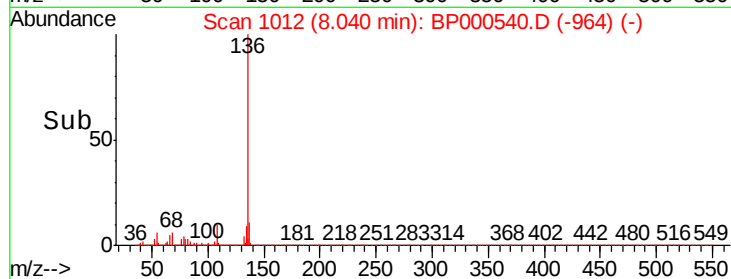
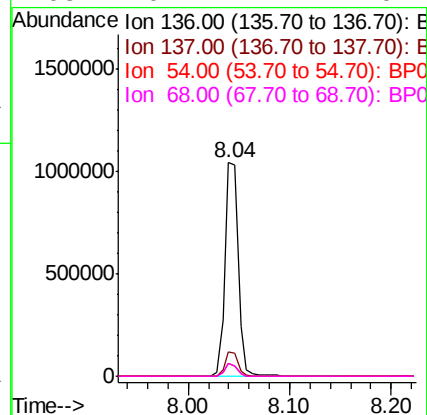
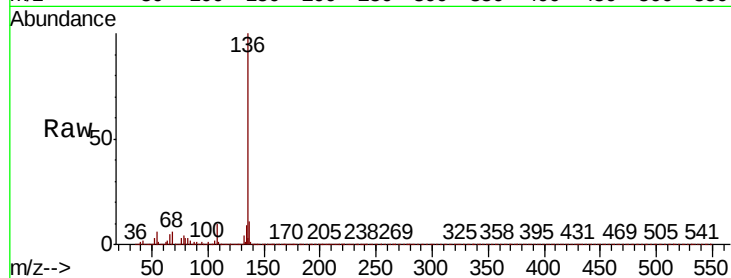




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BP000540.D
Acq: 07 Oct 2019 14:05

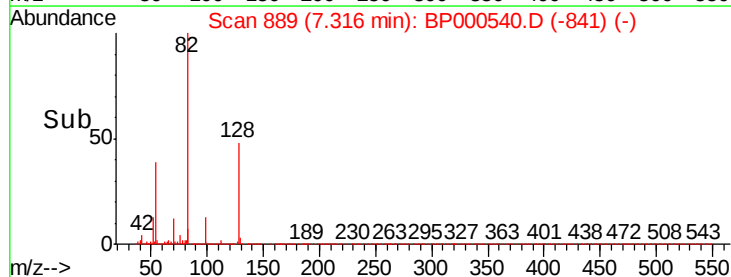
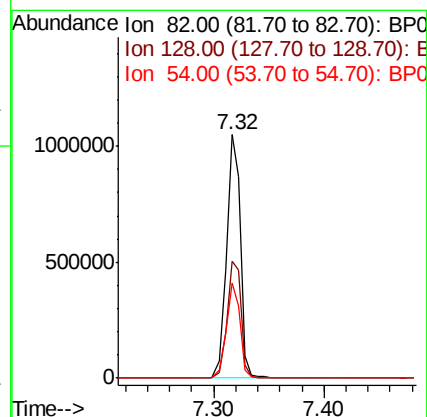
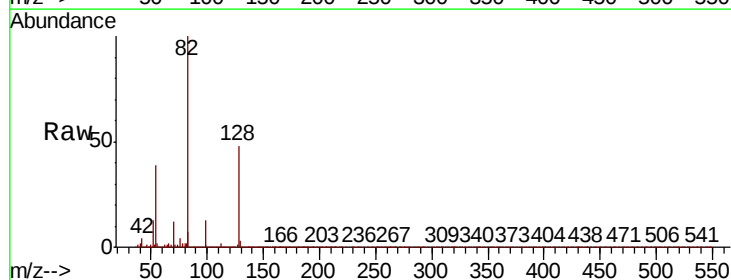
Instrument :
BNA_P
ClientSampleId :
20190765-SS-COMPOSITE-5

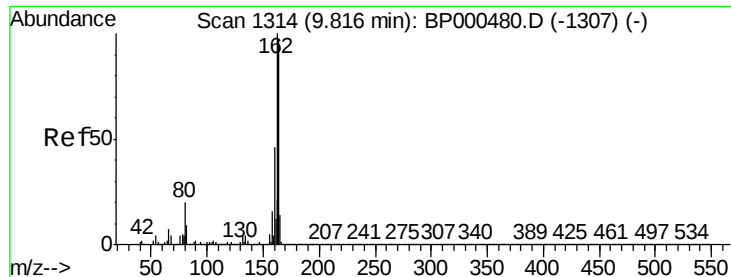
Tot Ion:136	Resp:	952462
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.2 12.4
54	6.2	4.1 6.1#
68	6.1	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 59.069 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BP000540.D
Acq: 07 Oct 2019 14:05

Tgt Ion: 82	Resp:	921178
Ion	Ratio	Lower Upper
82	100	
128	48.1	40.9 61.3
54	39.1	29.4 44.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BP000540.D

Acq: 07 Oct 2019 14:05

Instrument :

BNA_P

ClientSampleId :

20190765-SS-COMPOSITE-5

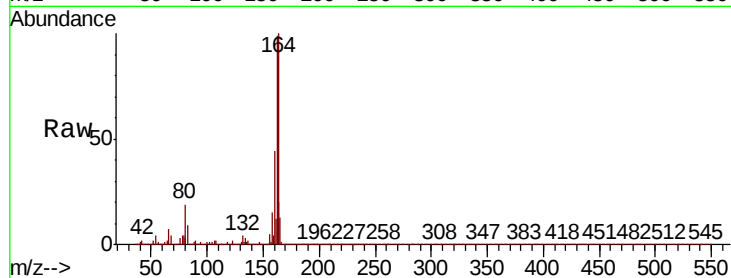
Tot Ion:164 Resp: 536415

Ion Ratio Lower Upper

164 100

162 99.1 82.2 123.2

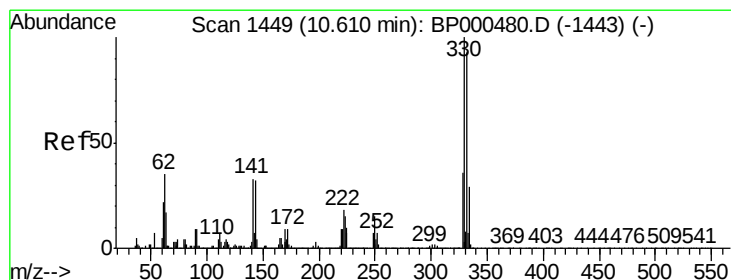
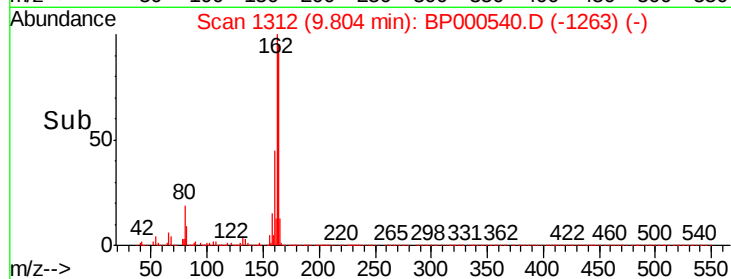
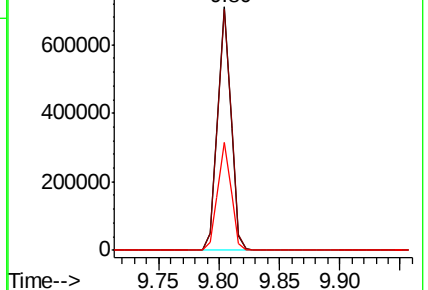
160 44.5 37.6 56.4



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: 84.358 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BP000540.D

Acq: 07 Oct 2019 14:05

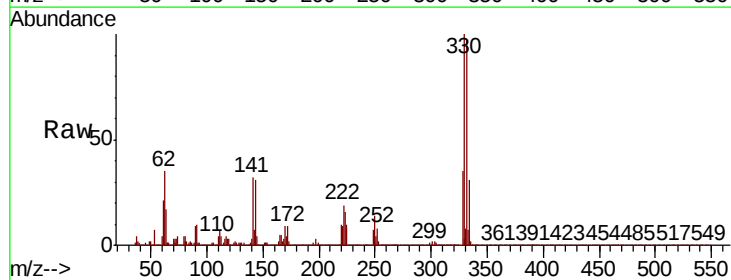
Tgt Ion:330 Resp: 482202

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

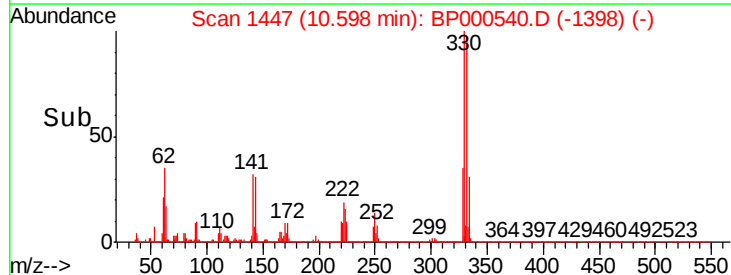
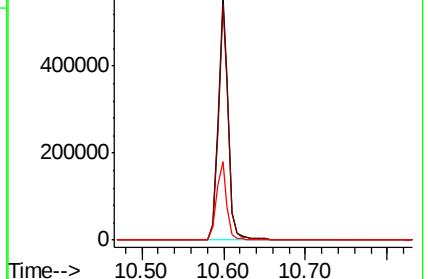
141 32.9 26.0 39.0

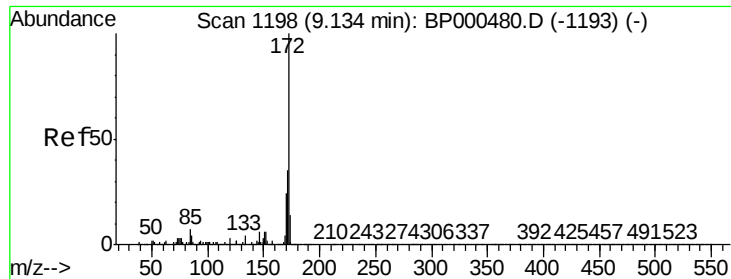


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

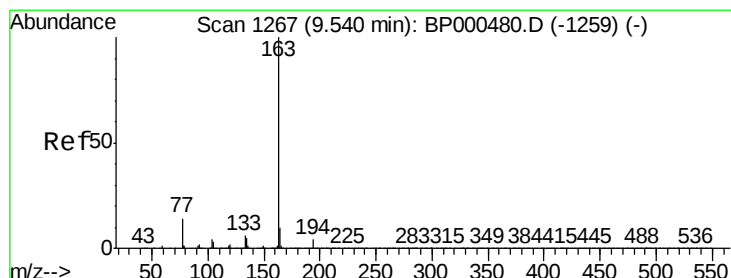
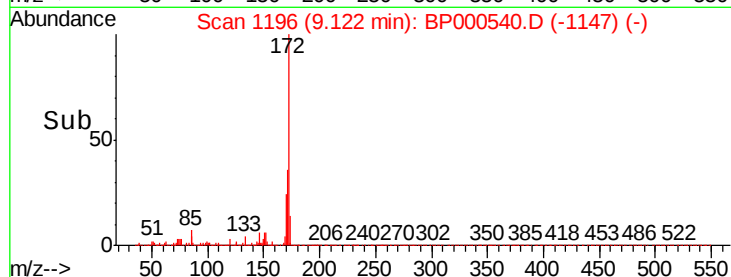
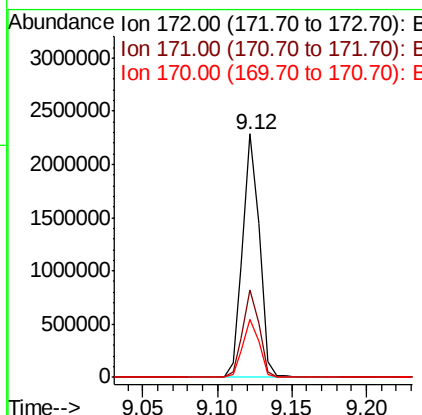
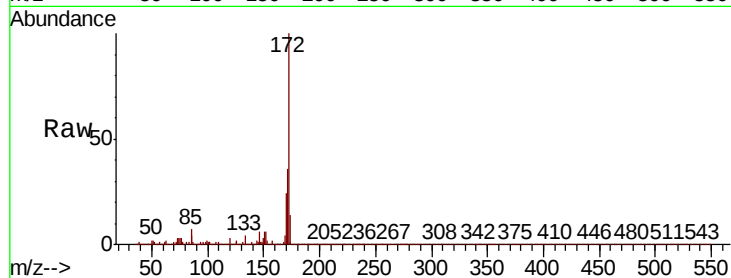




#45
2-Fluorobiphenyl
Concen: 54.577 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BP000540.D
Acq: 07 Oct 2019 14:05

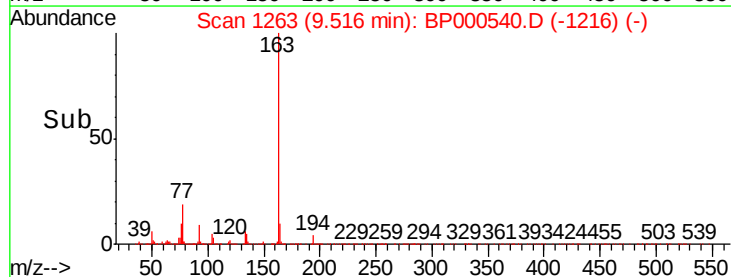
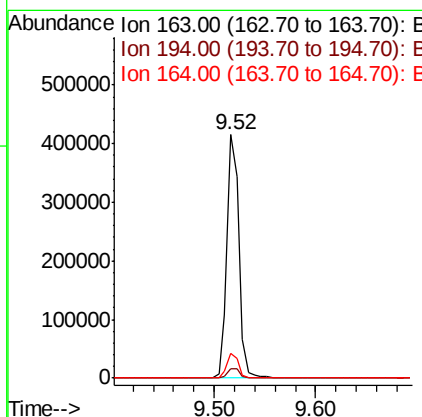
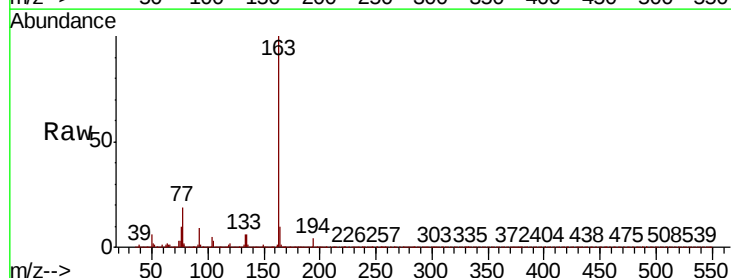
Instrument :
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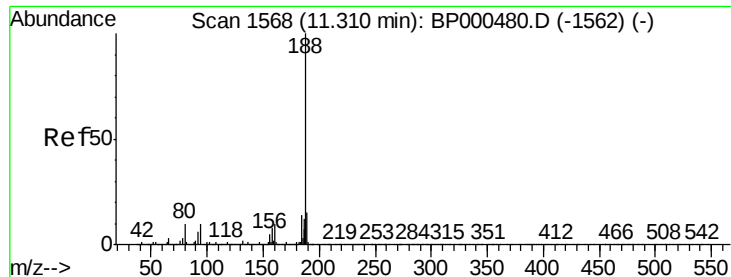
Tot Ion:172 Resp: 1809397
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.9 19.1 28.7



#50
Dimethylphthalate
Concen: 9.123 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BP000540.D
Acq: 07 Oct 2019 14:05

Tgt Ion:163 Resp: 340057
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.2 8.0 12.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BP000540.D

Acq: 07 Oct 2019 14:05

Instrument :

BNA_P

ClientSampleId :

20190765-SS-COMPOSITE-5

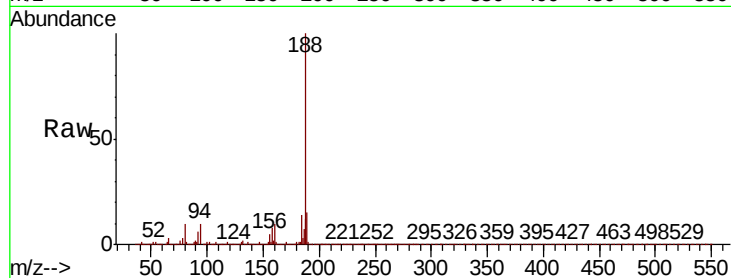
Tot Ion:188 Resp: 988216

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

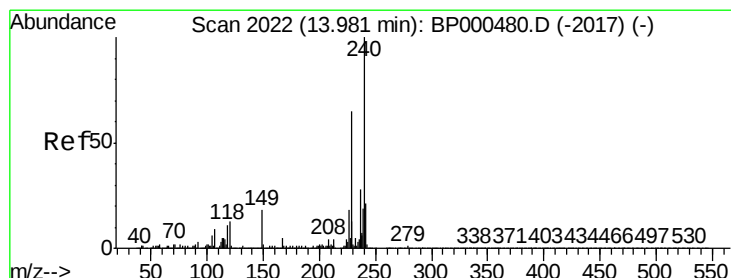
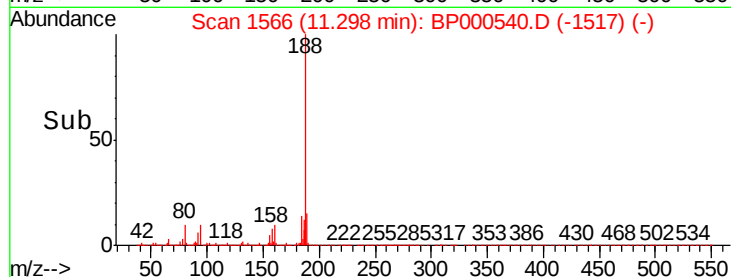
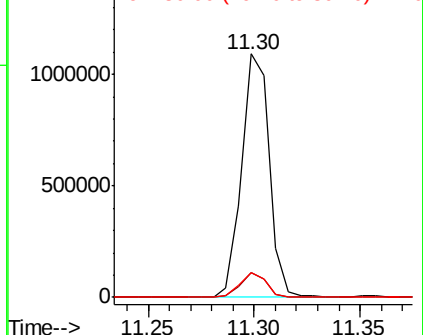
80 10.4 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BP000540.D

Acq: 07 Oct 2019 14:05

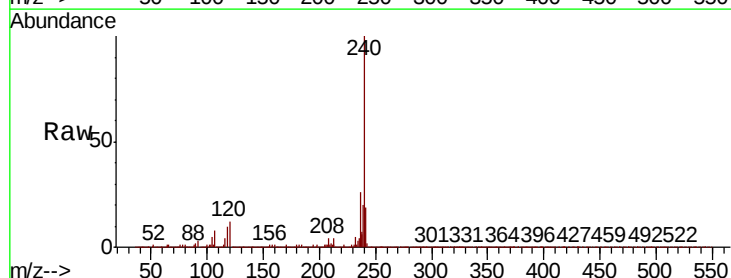
Tgt Ion:240 Resp: 890220

Ion Ratio Lower Upper

240 100

120 11.9 10.1 15.1

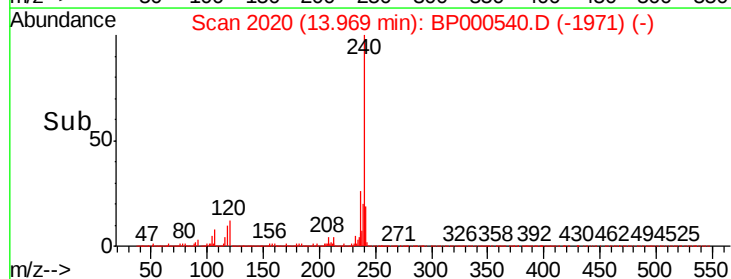
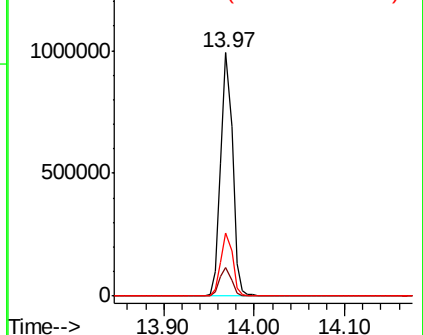
236 26.1 22.7 34.1

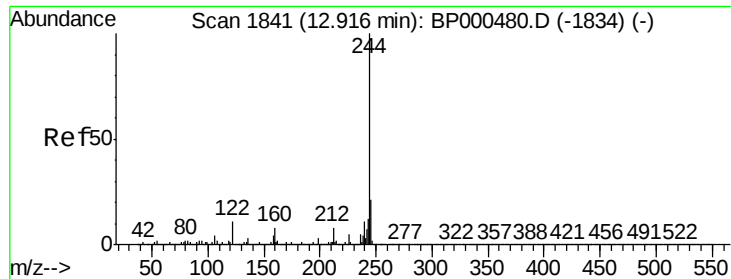


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 52.220 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000540.D

Acq: 07 Oct 2019 14:05

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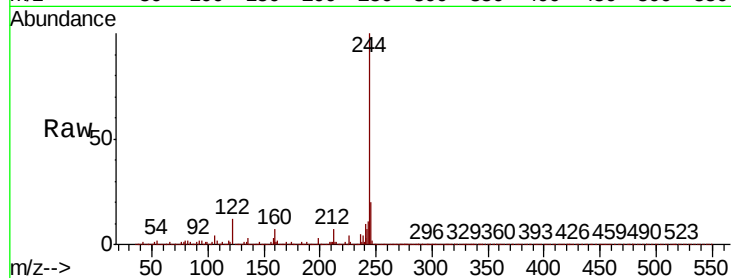
Tot Ion:244 Resp: 2295957

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

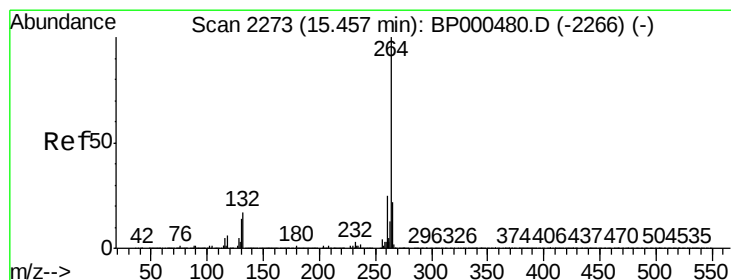
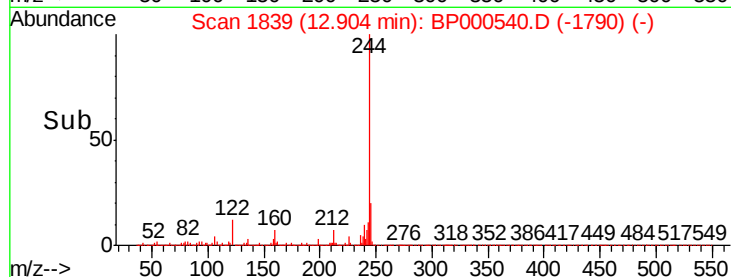
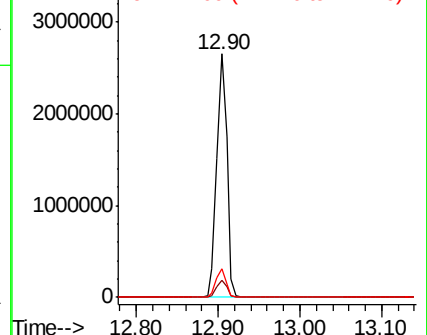
122 11.7 8.9 13.3



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: 15.45 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BP000540.D

Acq: 07 Oct 2019 14:05

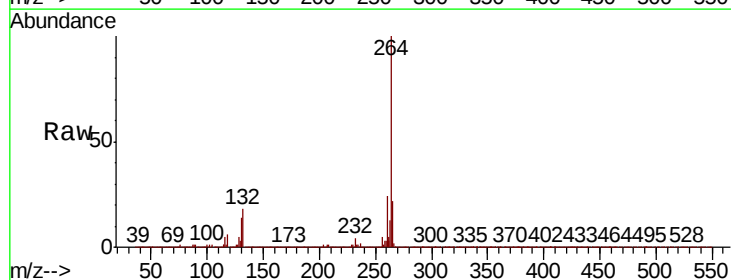
Tgt Ion:264 Resp: 974405

Ion Ratio Lower Upper

264 100

260 24.3 20.3 30.5

265 22.0 18.0 27.0



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

