

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081418\
 Data File : BM016371.D
 Acq On : 15 Aug 2018 02:53
 Operator : SJ/JU
 Sample : J4445-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DSN-001A-081018

Quant Time: Aug 15 11:33:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

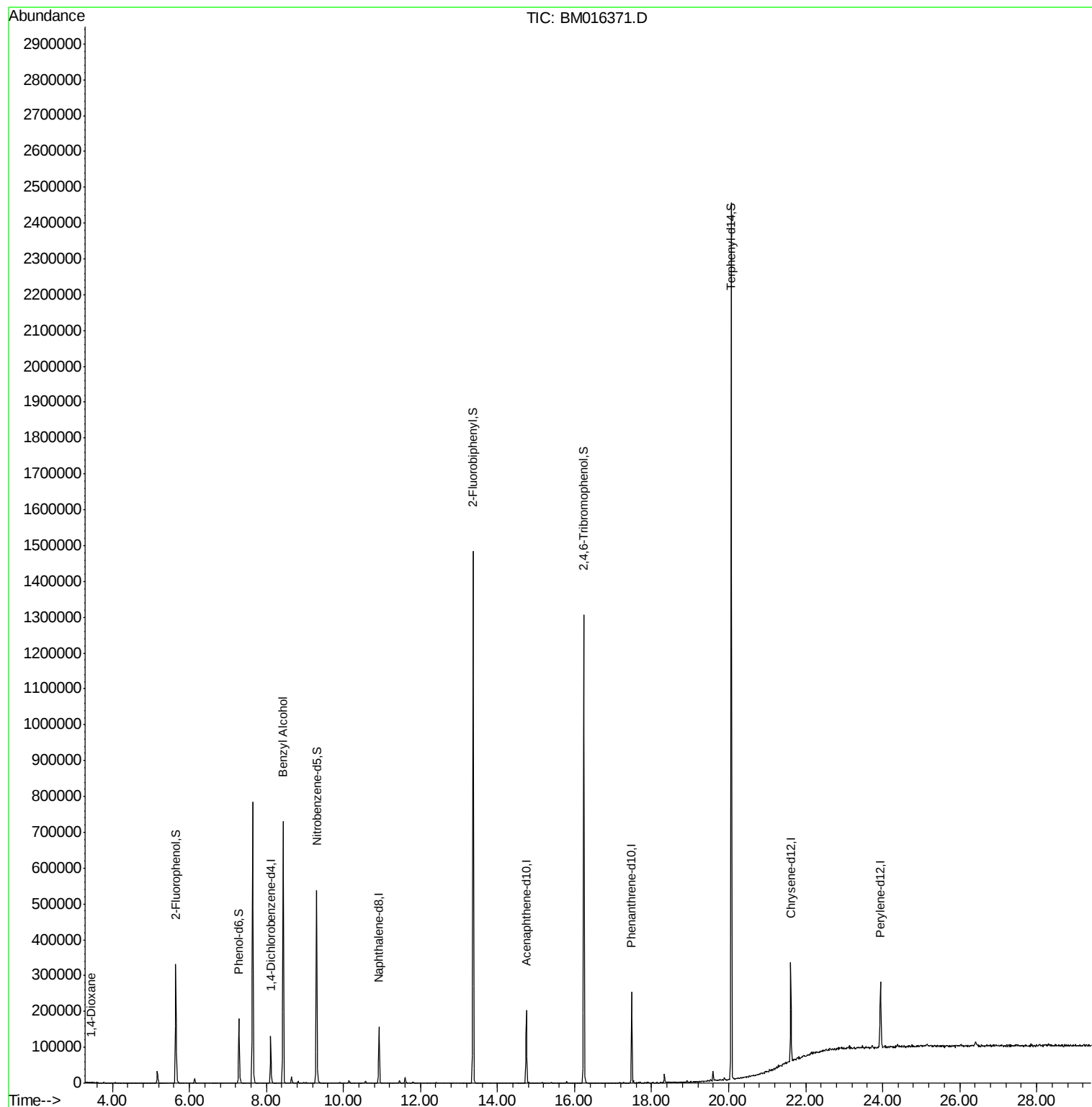
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	26575	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	101445	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	55028	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	114712	20.00	ng	0.00
75) Chrysene-d12	21.62	240	104234	20.00	ng	0.00
86) Perylene-d12	23.94	264	115656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	102910	64.33	ng	0.00
7) Phenol-d6	7.29	99	72704	34.80	ng	0.00
23) Nitrobenzene-d5	9.30	82	255220	117.02	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	120841	173.14	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	530964	117.40	ng	0.00
78) Terphenyl-d14	20.07	244	761765	152.98	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.45	88	1568	2.092	ng	Qvalue # 100
15) Benzyl Alcohol	8.43	79	5456	3.280	ng	# 28

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.01 min

Lab File: BM016371.D

Acq: 15 Aug 2018 02:53

Instrument :

BNA_M

ClientSampleId :

DSN-001A-081018

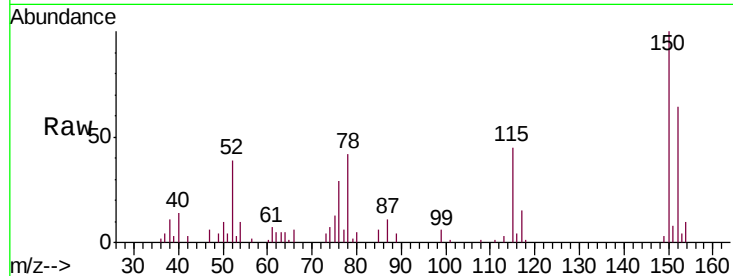
Tgt Ion:152 Resp: 26575

Ion Ratio Lower Upper

152 100

150 156.1 119.5 179.3

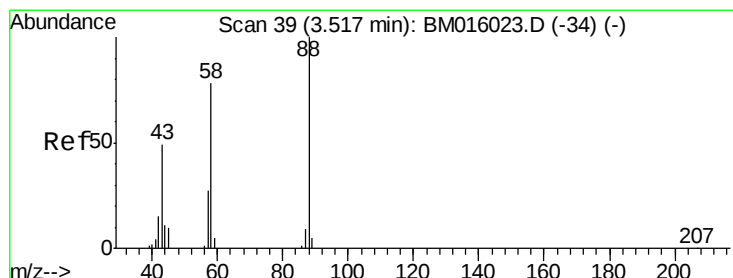
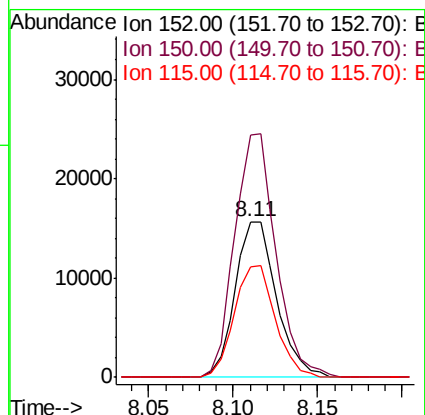
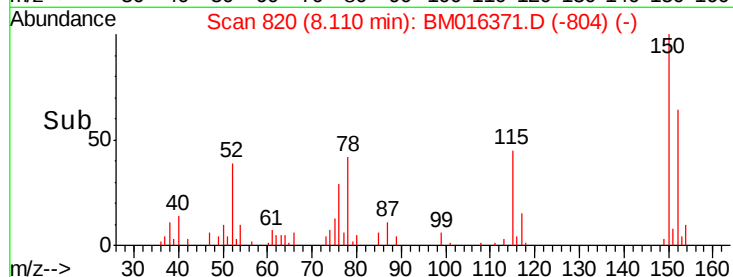
115 70.8 43.0 64.4#



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



#2

1,4-Dioxane

Concen: 2.092 ng

RT: 3.45 min Scan# 28

Delta R.T. 0.01 min

Lab File: BM016371.D

Acq: 15 Aug 2018 02:53

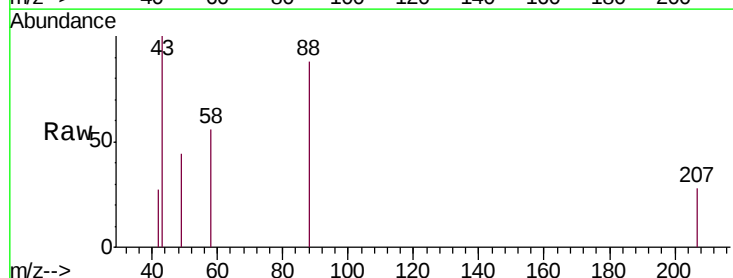
Tgt Ion: 88 Resp: 1568

Ion Ratio Lower Upper

88 100

58 77.1 0.0 0.0#

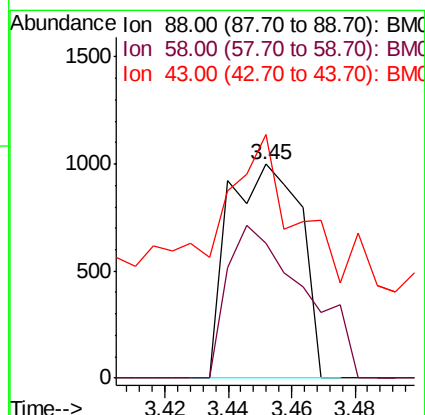
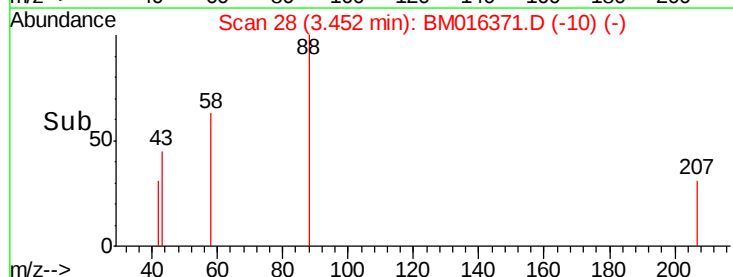
43 98.0 0.0 0.0#

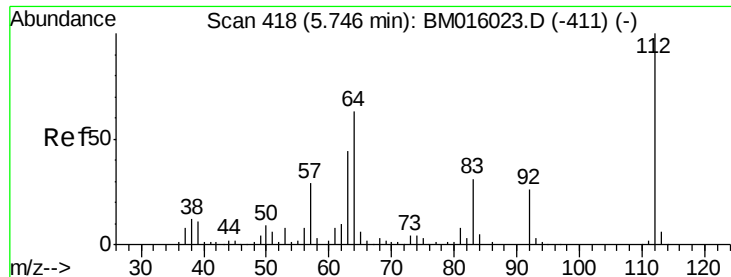


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: N.D. ng

RT: 5.65 min Scan# 401

Delta R.T. 0.00 min

Lab File: BM016371.D

Acq: 15 Aug 2018 02:53

Instrument :

BNA_M

ClientSampleId :

DSN-001A-081018

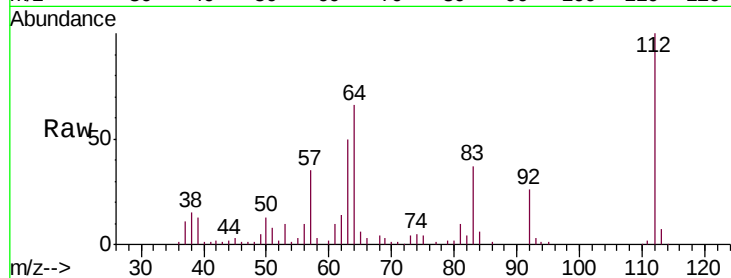
Tgt Ion: 112 Resp: 102910

Ion Ratio Lower Upper

112 100

64 66.0 38.6 57.8#

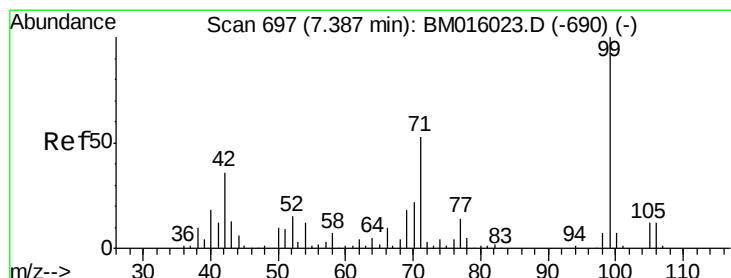
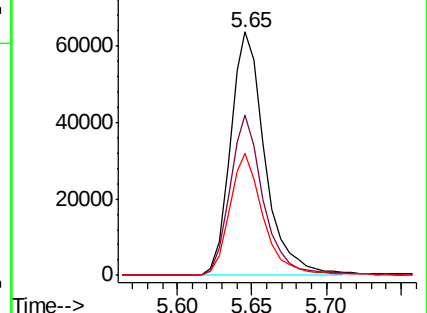
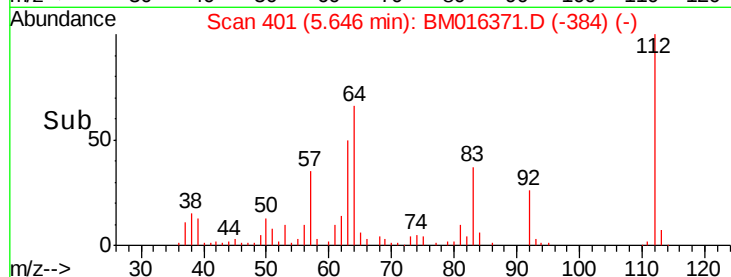
63 49.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: N.D. ng

RT: 7.29 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM016371.D

Acq: 15 Aug 2018 02:53

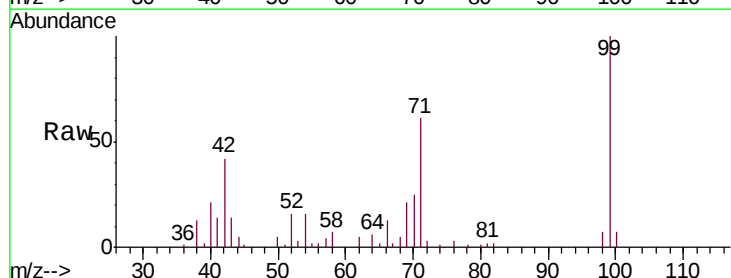
Tgt Ion: 99 Resp: 72704

Ion Ratio Lower Upper

99 100

42 42.4 11.0 16.4#

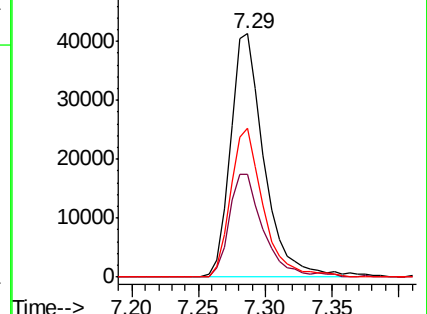
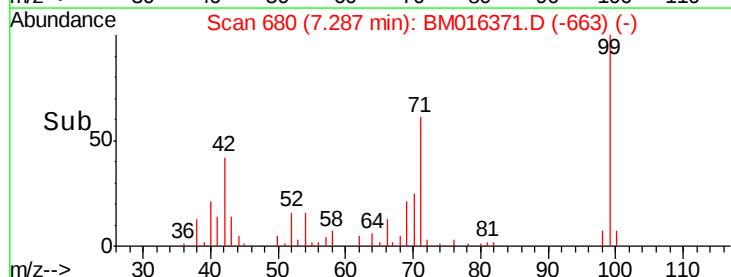
71 61.4 23.4 35.2#

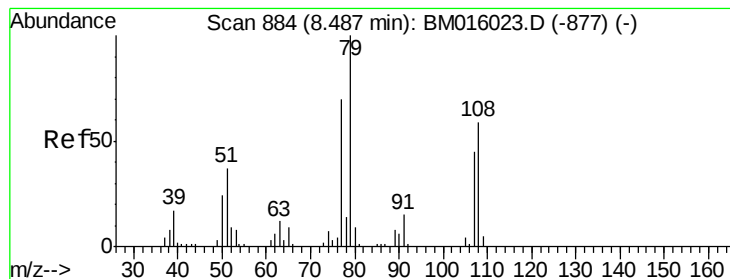


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#15

Benzyl Alcohol

Concen: 3.280 ng

RT: 8.43 min Scan# 875

Delta R.T. 0.06 min

Lab File: BM016371.D

Acq: 15 Aug 2018 02:53

Instrument :

BNA_M

ClientSampleId :

DSN-001A-081018

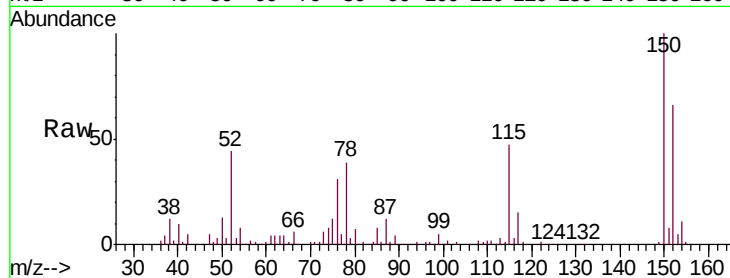
Tgt Ion: 79 Resp: 5456

Ion Ratio Lower Upper

79 100

108 85.7 65.0 97.4

77 189.7 53.0 79.6#

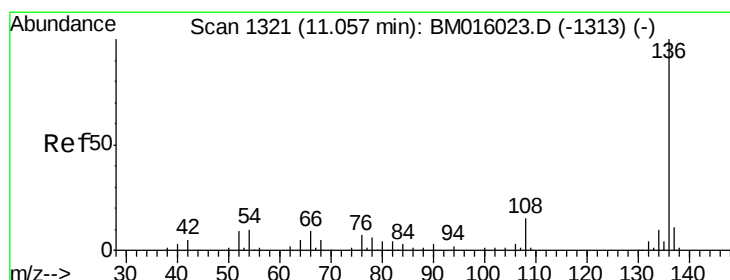
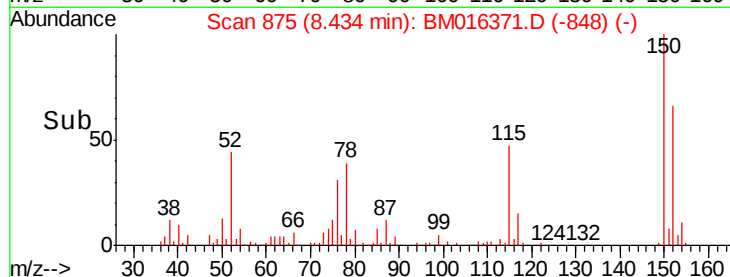


Abundance Ion 79.00 (78.70 to 79.70): BM016371.D (-848) (-)

Ion 108.00 (107.70 to 108.70): BM016371.D (-848) (-)

Ion 77.00 (76.70 to 77.70): BM016371.D (-848) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BM016371.D

Acq: 15 Aug 2018 02:53

Tgt Ion: 136 Resp: 101445

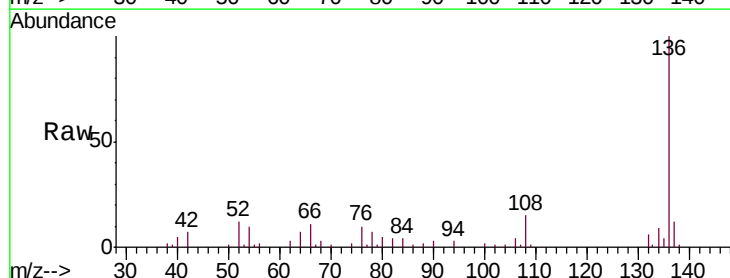
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.2 4.6 6.8#

68 3.3 3.7 5.5#



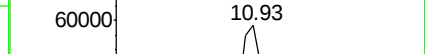
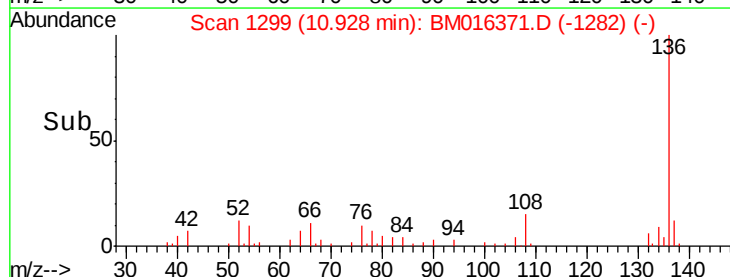
Abundance Ion 136.00 (135.70 to 136.70): BM016371.D (-1282) (-)

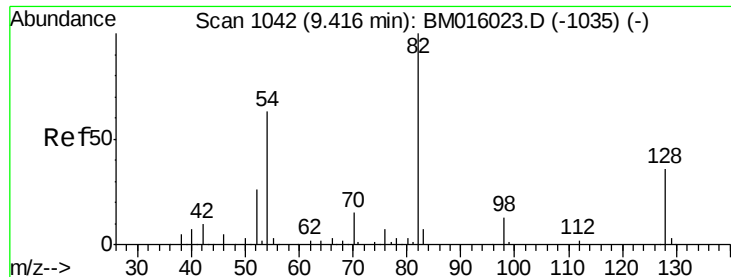
Ion 137.00 (136.70 to 137.70): BM016371.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016371.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016371.D (-1282) (-)

Time-->

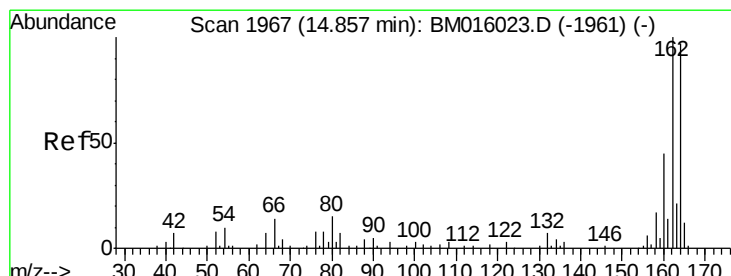
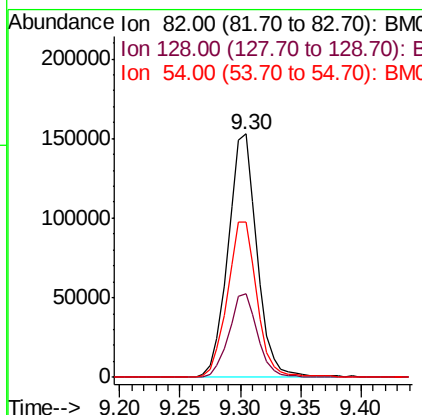
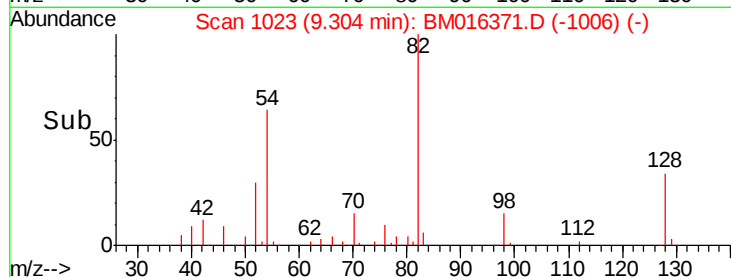
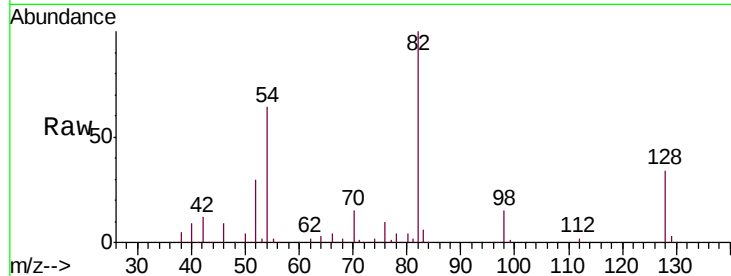




#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BM016371.D
Acq: 15 Aug 2018 02:53

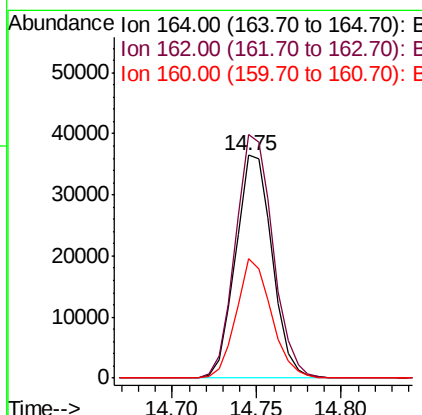
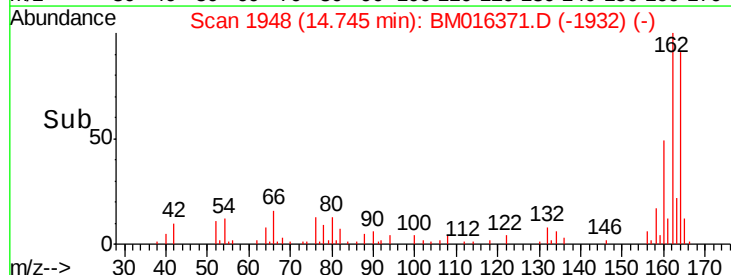
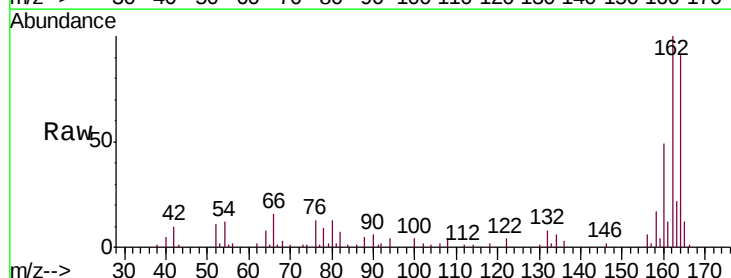
Instrument :
BNA_M
ClientSampleId :
DSN-001A-081018

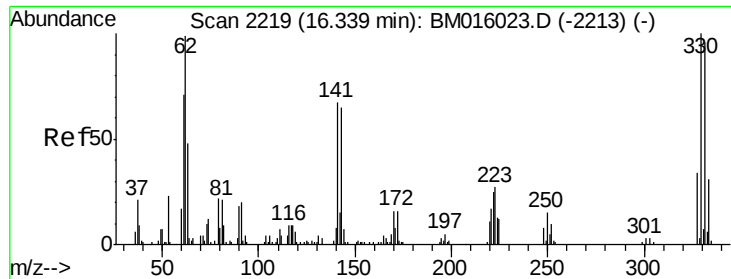
Tgt Ion: 82 Resp: 255220
Ion Ratio Lower Upper
82 100
128 34.4 32.8 49.2
54 63.7 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BM016371.D
Acq: 15 Aug 2018 02:53

Tgt Ion: 164 Resp: 55028
Ion Ratio Lower Upper
164 100
162 109.4 82.4 123.6
160 53.8 35.8 53.6#

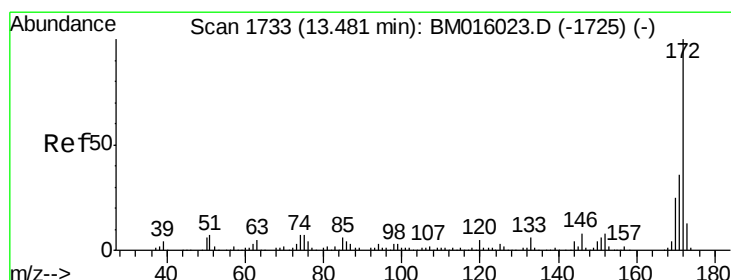
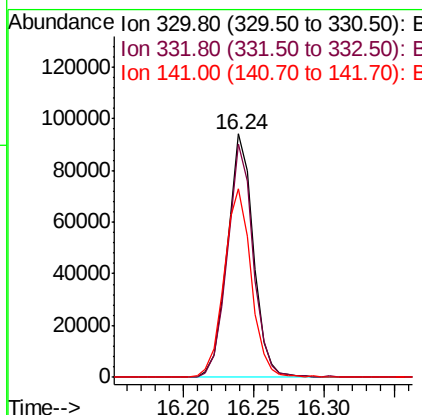
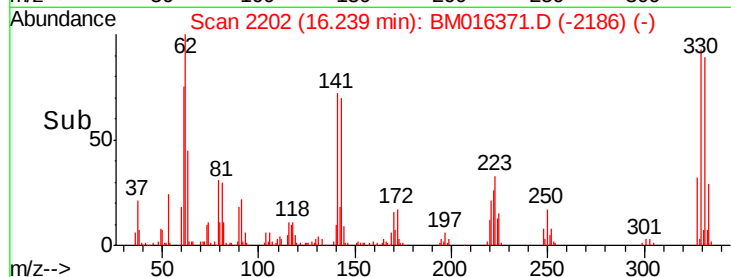
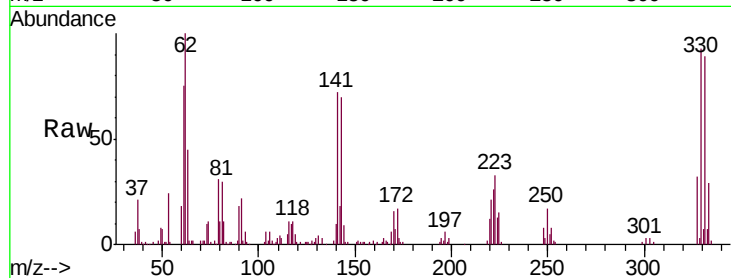




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.24 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BM016371.D
 Acq: 15 Aug 2018 02:53

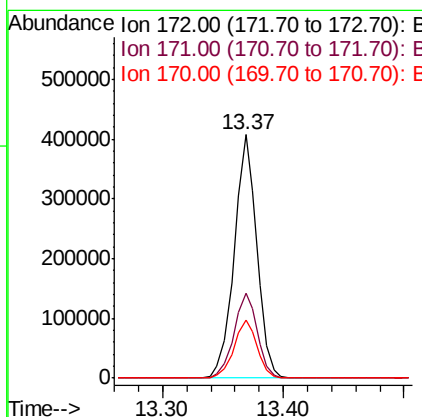
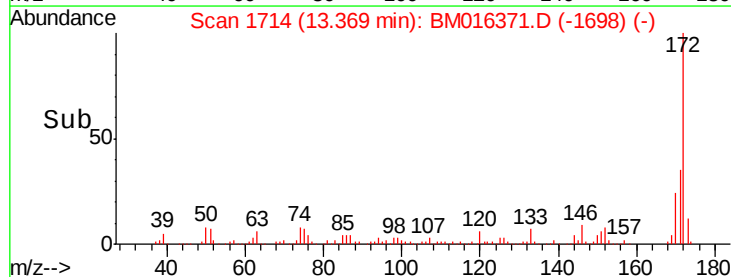
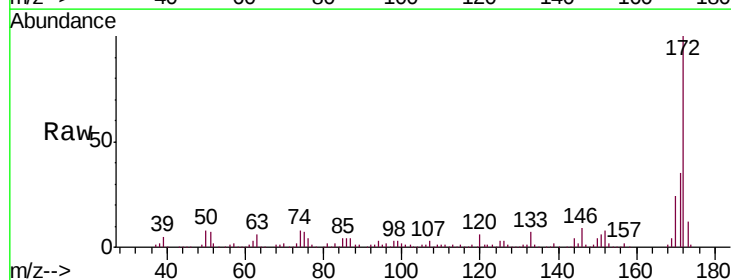
Instrument :
 BNA_M
 ClientSampleId :
 DSN-001A-081018

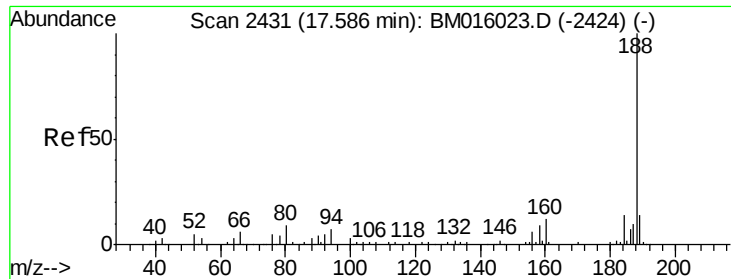
Tgt Ion: 330 Resp: 120841
 Ion Ratio Lower Upper
 330 100
 332 94.6 0.0 0.0#
 141 80.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM016371.D
 Acq: 15 Aug 2018 02:53

Tgt Ion: 172 Resp: 530964
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 24.0 18.8 28.2

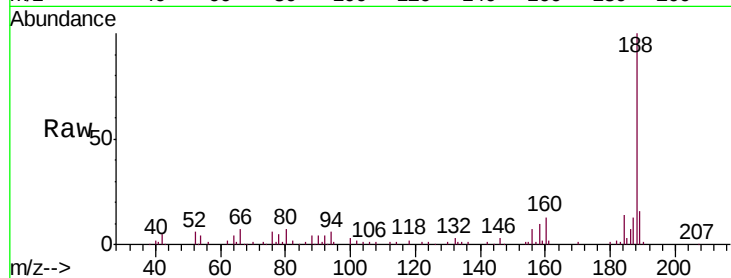




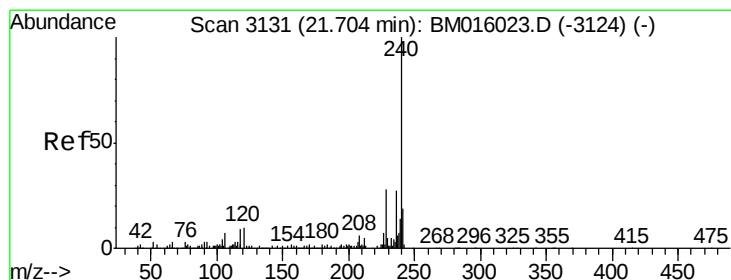
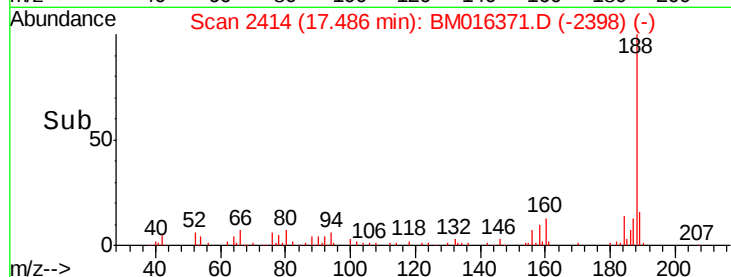
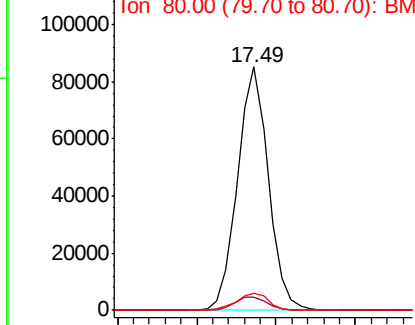
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM016371.D
Acq: 15 Aug 2018 02:53

Instrument :
BNA_M
ClientSampleId :
DSN-001A-081018

Tgt Ion:188 Resp: 114712
Ion Ratio Lower Upper
188 100
94 5.6 8.7 13.1#
80 7.0 9.3 13.9#

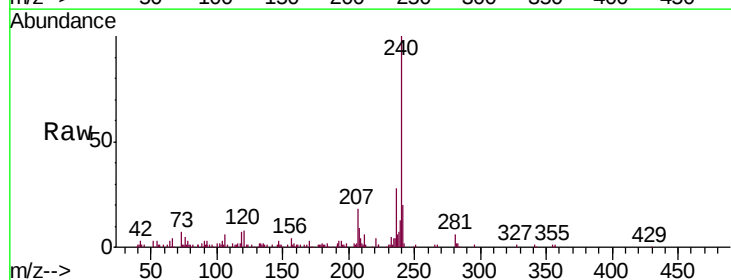


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

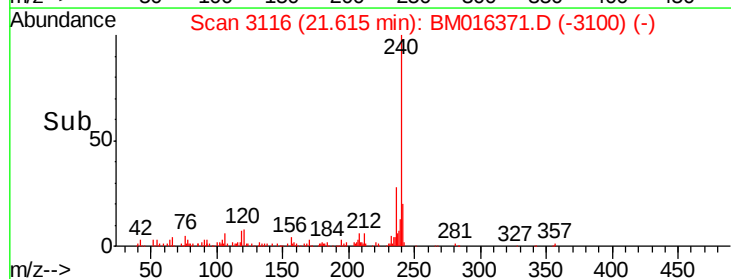
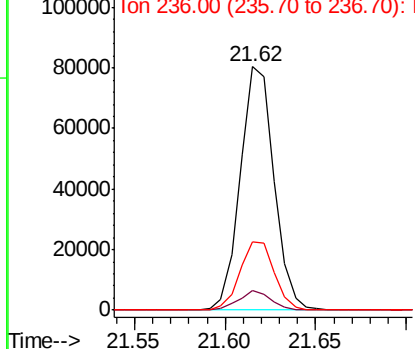


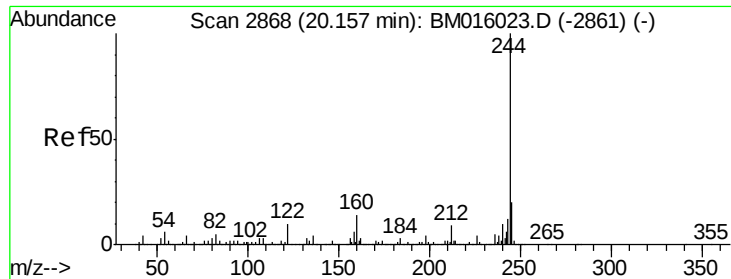
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM016371.D
Acq: 15 Aug 2018 02:53

Tgt Ion:240 Resp: 104234
Ion Ratio Lower Upper
240 100
120 7.9 8.2 12.2#
236 28.0 20.0 30.0



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





#78

Terphenyl-d14

Concen: Below ng

RT: 20.07 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BM016371.D

Acq: 15 Aug 2018 02:53

Instrument :

BNA_M

ClientSampleId :

DSN-001A-081018

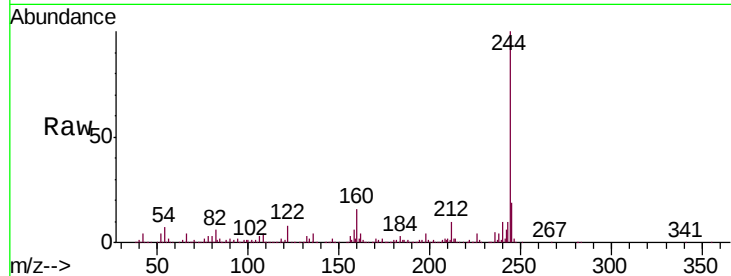
Tgt Ion:244 Resp: 761765

Ion Ratio Lower Upper

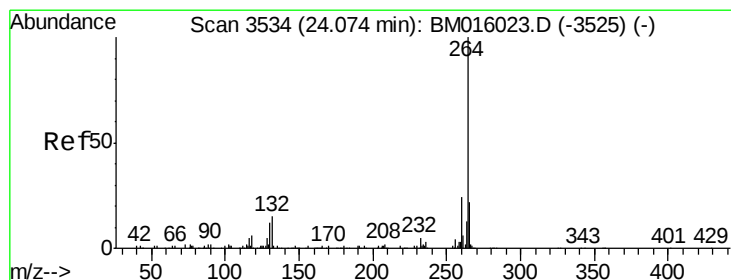
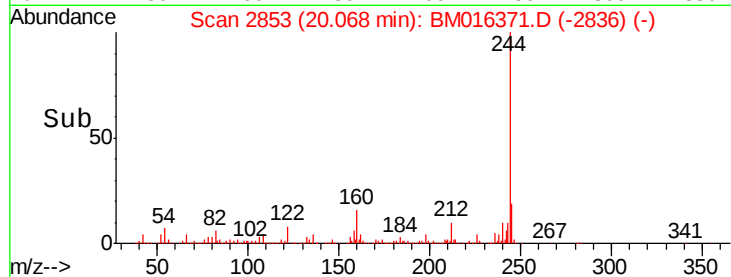
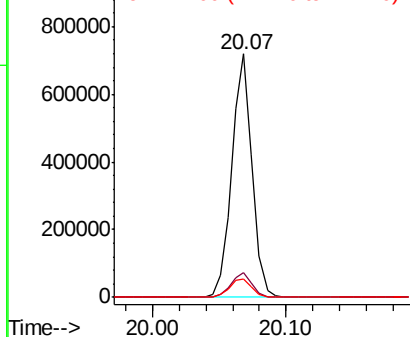
244 100

212 10.2 4.9 7.3#

122 7.8 6.2 9.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.94 min Scan# 3512

Delta R.T. 0.00 min

Lab File: BM016371.D

Acq: 15 Aug 2018 02:53

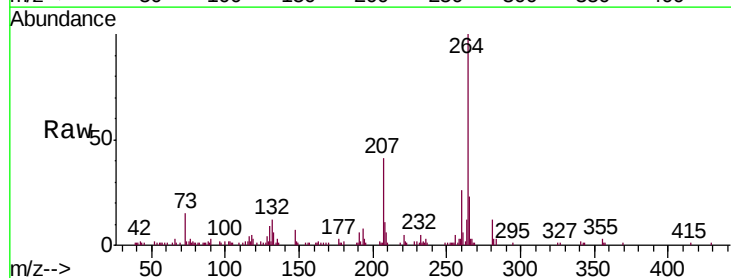
Tgt Ion:264 Resp: 115656

Ion Ratio Lower Upper

264 100

260 25.6 18.6 27.8

265 23.2 17.3 25.9



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

