

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097097.D
 Acq On : 27 Jul 2017 1:24
 Operator : SJ/JU
 Sample : I4359-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-2-(0-2)

Quant Time: Jul 27 09:14:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

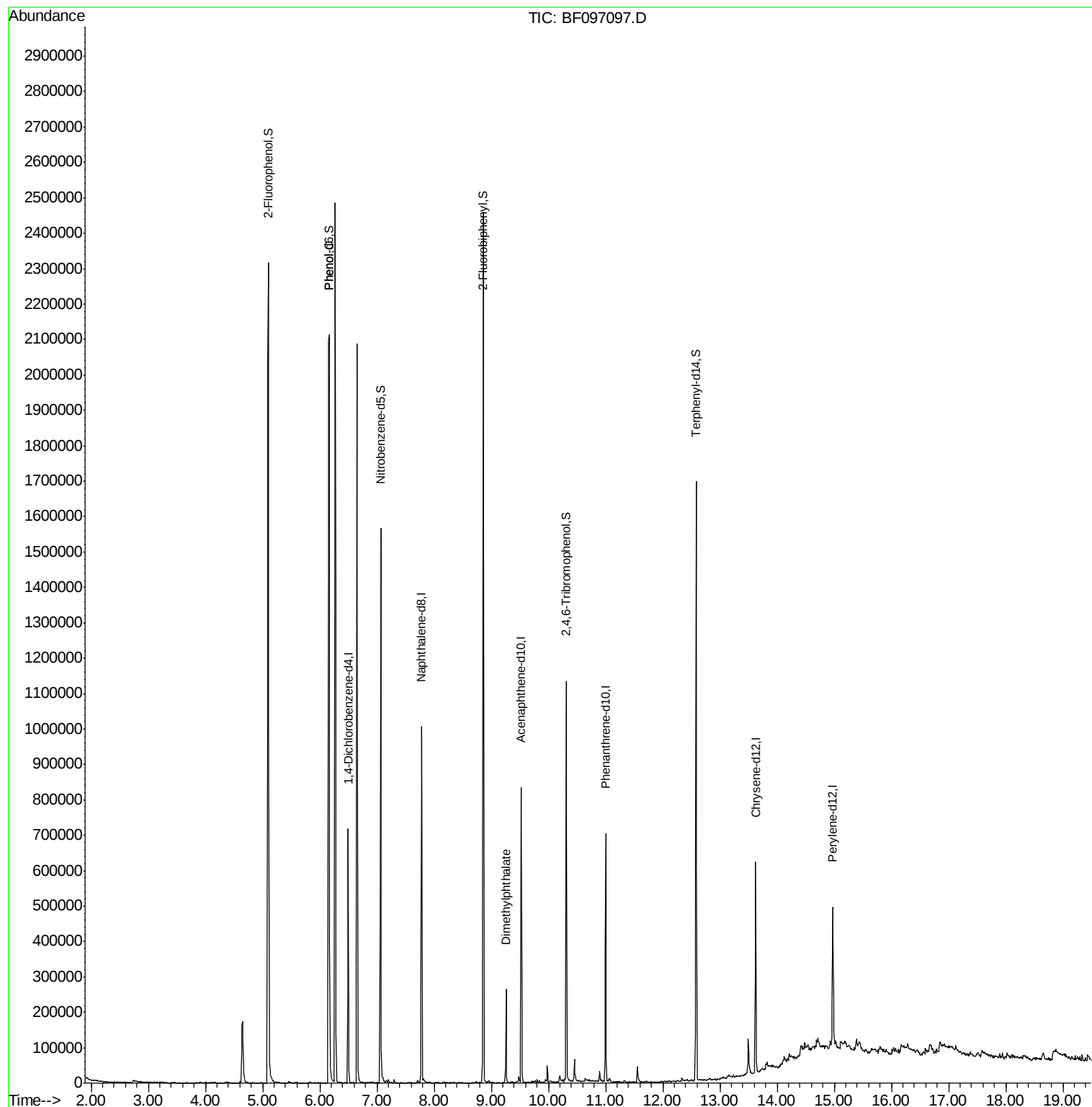
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	107669	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	446229	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	163557	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	229310	20.00	ng	0.00
75) Chrysene-d12	13.62	240	201661	20.00	ng	0.00
86) Perylene-d12	14.97	264	153139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	700167	98.03	ng	0.00
7) Phenol-d6	6.16	99	814466	99.89	ng	0.00
23) Nitrobenzene-d5	7.06	82	468694	61.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	120676	93.38	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	761315	79.00	ng	-0.01
78) Terphenyl-d14	12.59	244	511873	51.75	ng	0.00
Target Compounds						
10) Phenol	6.17	94	28951	2.993	ng	95
49) Dimethylphthalate	9.26	163	102010	8.213	ng	99

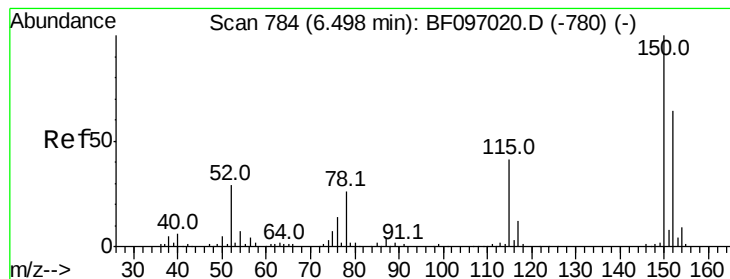
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097097.D
Acq On : 27 Jul 2017 1:24
Operator : SJ/JU
Sample : I4359-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CEMETERY-2-(0-2)

Quant Time: Jul 27 09:14:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration



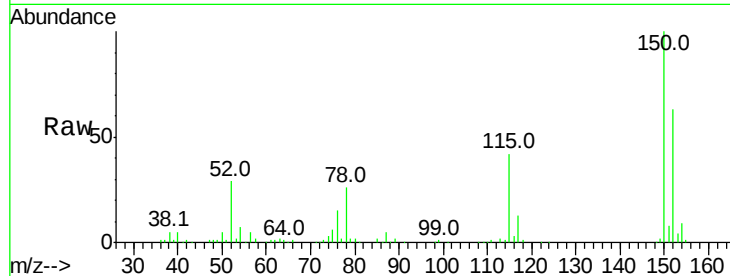


#1

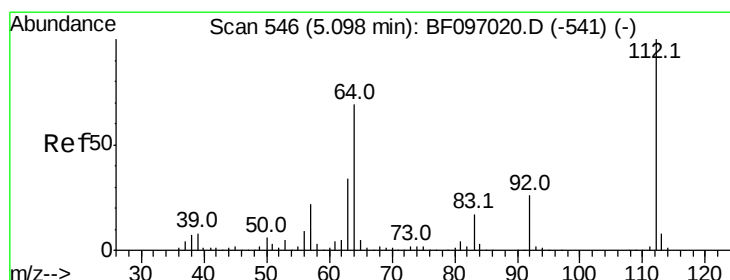
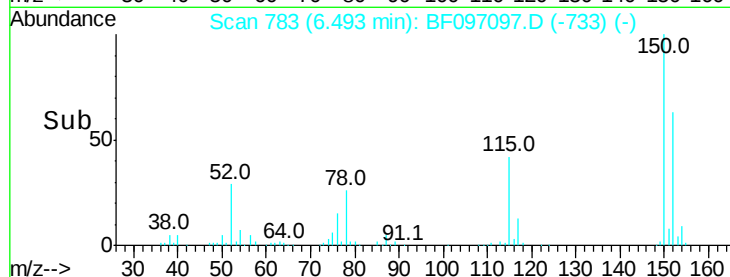
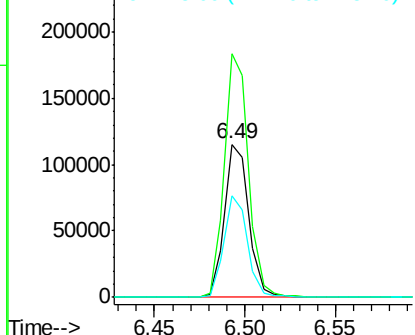
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF097097.D
 Acq: 27 Jul 2017 1:24

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-2-(0-2)

Tot Ion:152 Resp: 107669
 Ion Ratio Lower Upper
 152 100
 150 159.0 126.2 189.2
 115 66.5 52.2 78.2



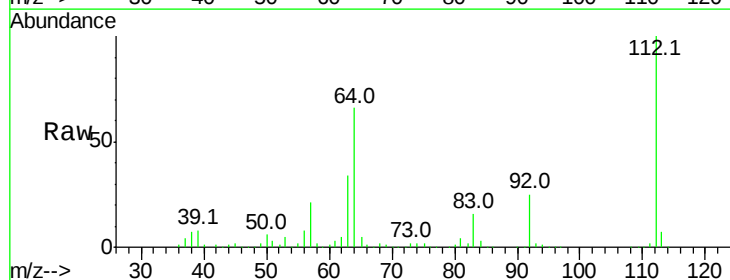
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



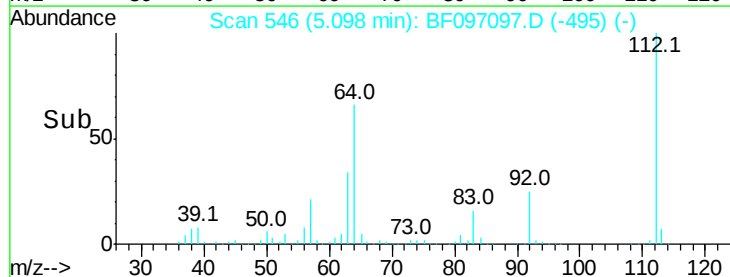
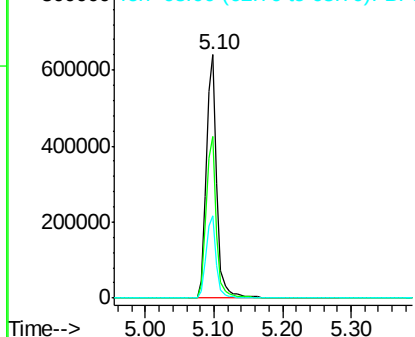
#5

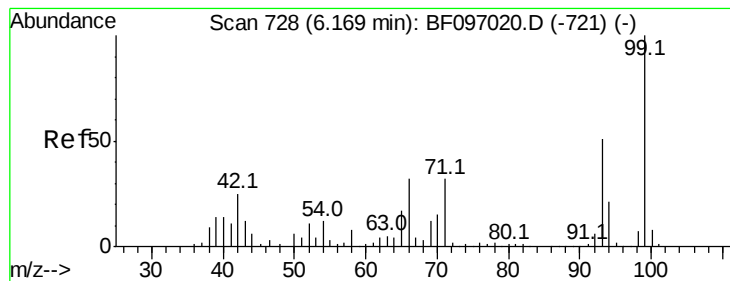
2-Fluorophenol
 Concen: 98.031 ng
 RT: 5.10 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF097097.D
 Acq: 27 Jul 2017 1:24

Tgt Ion:112 Resp: 700167
 Ion Ratio Lower Upper
 112 100
 64 66.3 46.0 69.0
 63 33.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.888 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097097.D

Acq: 27 Jul 2017 1:24

Instrument :

BNA_F

ClientSampleId :

CEMETERY-2-(0-2)

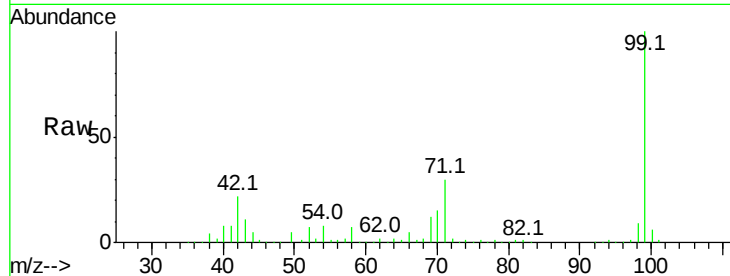
Tot Ion: 99 Resp: 814466

Ion Ratio Lower Upper

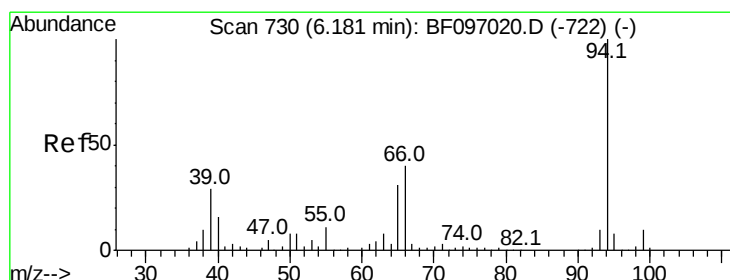
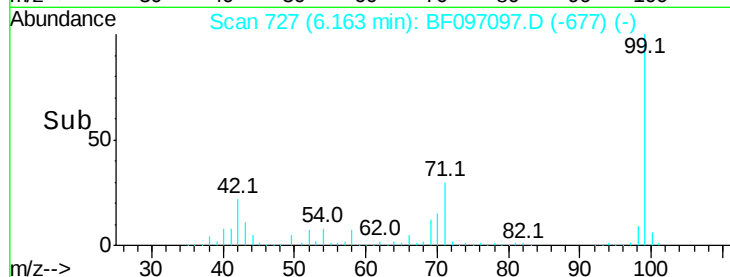
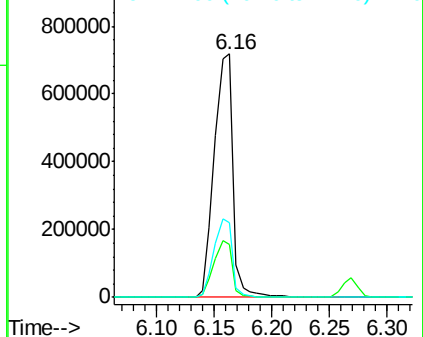
99 100

42 21.8 13.5 20.3#

71 30.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.993 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097097.D

Acq: 27 Jul 2017 1:24

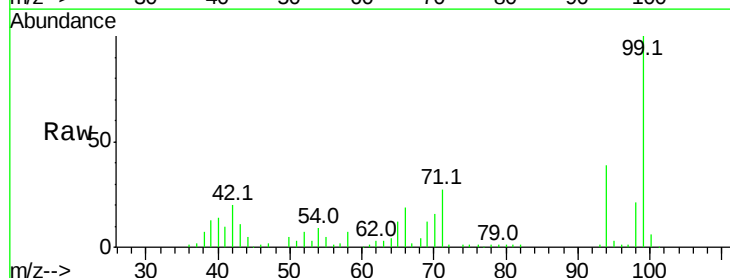
Tgt Ion: 94 Resp: 28951

Ion Ratio Lower Upper

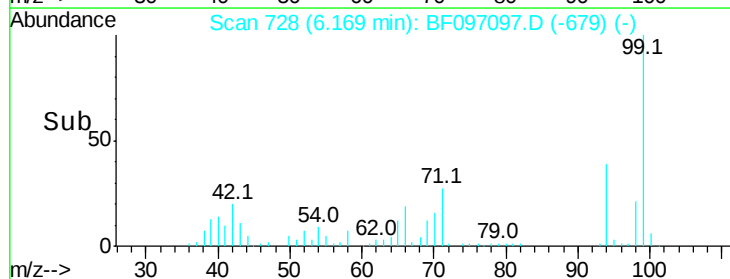
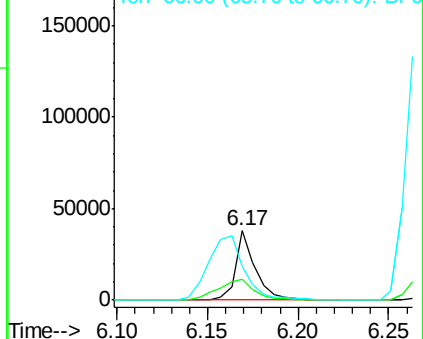
94 100

65 29.9 9.9 49.9

66 48.1 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097097.D

Acq: 27 Jul 2017 1:24

Instrument :

BNA_F

ClientSampleId :

CEMETERY-2-(0-2)

Tot Ion:136 Resp: 446229

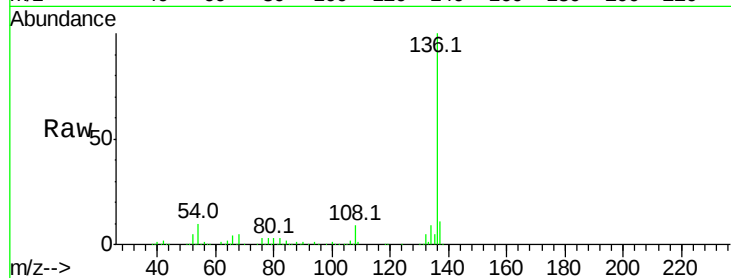
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 9.7 4.9 7.3#

68 5.2 4.1 6.1

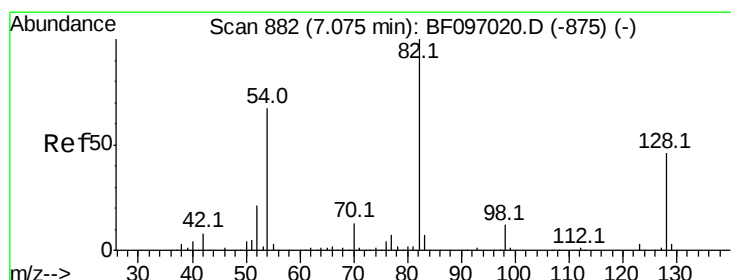
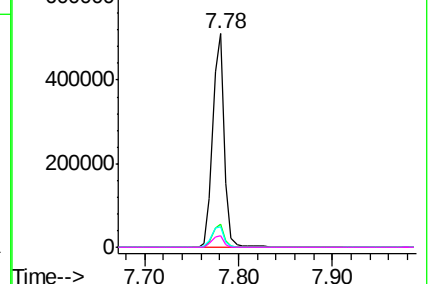
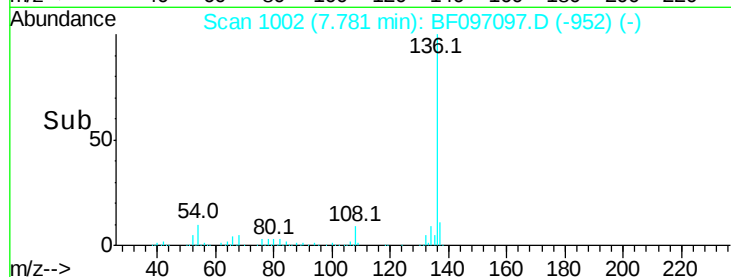


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 61.617 ng

RT: 7.06 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF097097.D

Acq: 27 Jul 2017 1:24

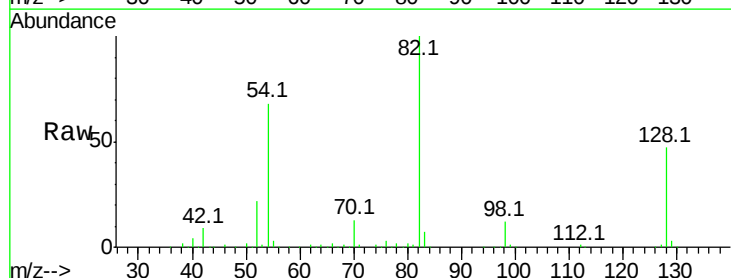
Tgt Ion: 82 Resp: 468694

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

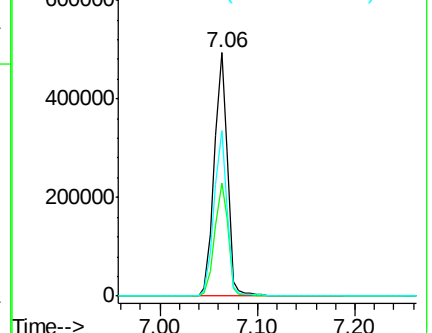
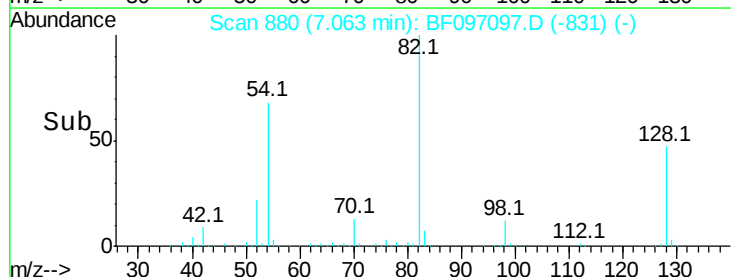
54 67.9 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

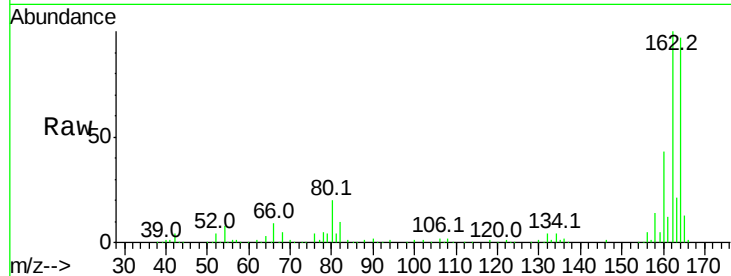




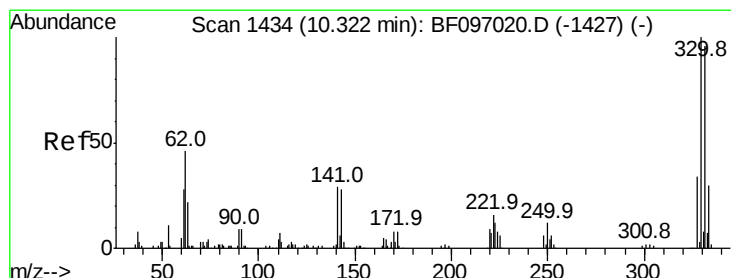
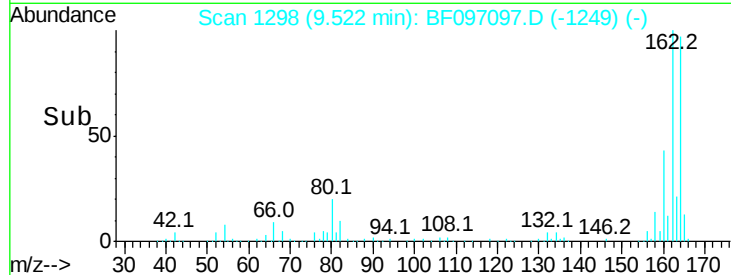
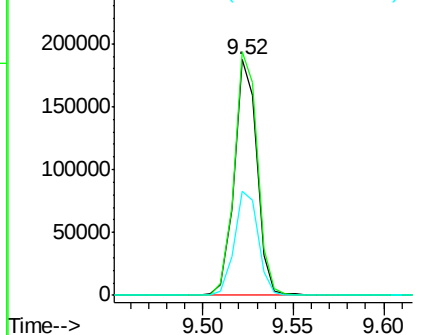
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF097097.D
 Acq: 27 Jul 2017 1:24

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-2-(0-2)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	44.0	36.2	54.2

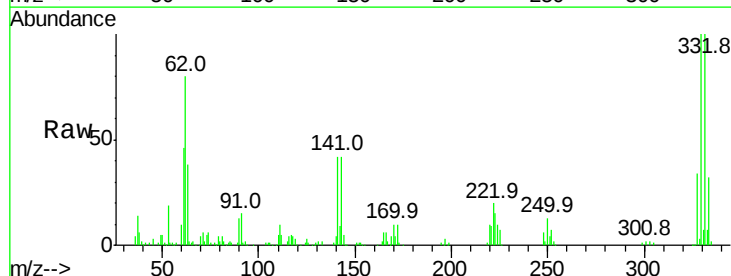


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

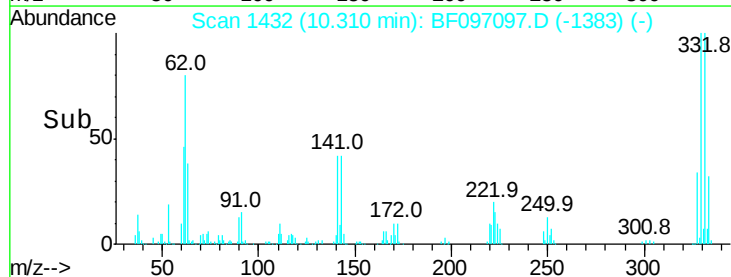
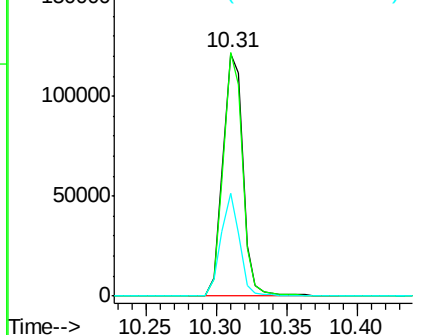


#41
 2,4,6-Tribromophenol
 Concen: 93.384 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097097.D
 Acq: 27 Jul 2017 1:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	39.2	31.4	47.2



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

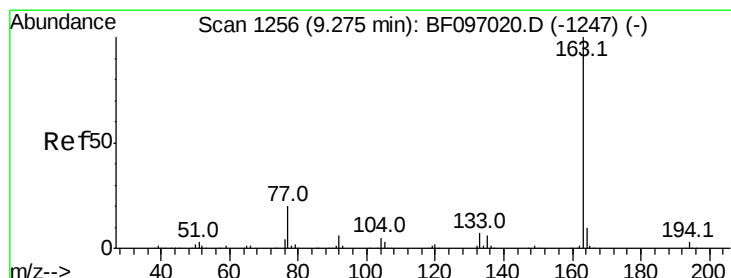
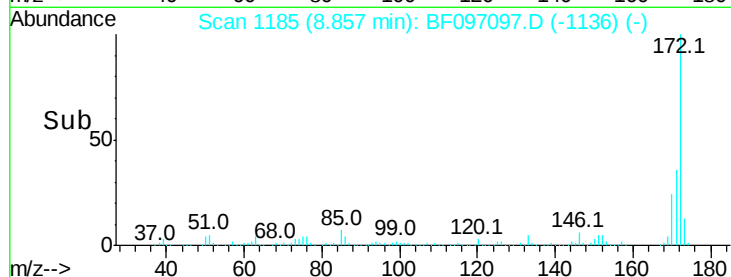
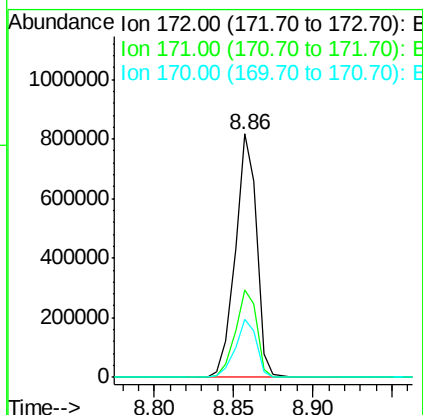
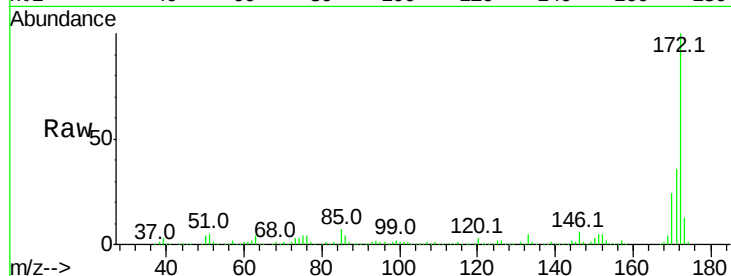




#44
2-Fluorobiphenyl
Concen: 78.995 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097097.D
Acq: 27 Jul 2017 1:24

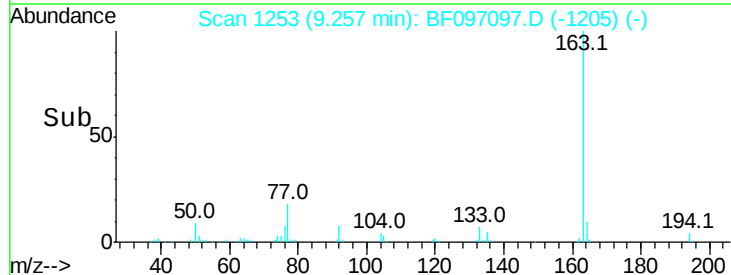
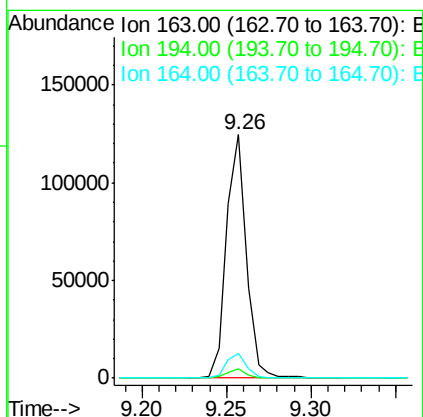
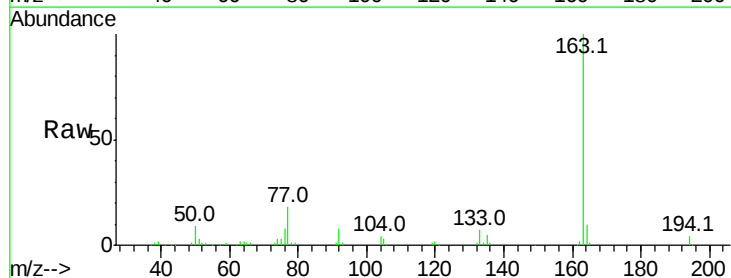
Instrument :
BNA_F
ClientSampleId :
CEMETERY-2-(0-2)

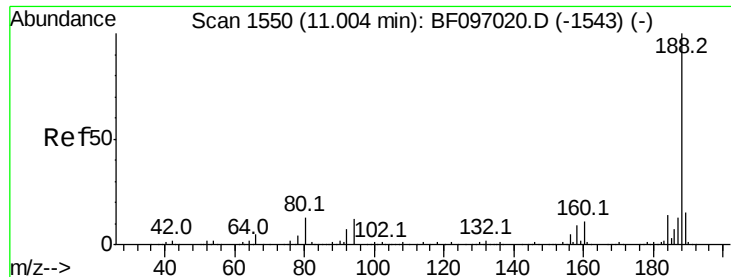
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.7	19.8	29.8



#49
Dimethylphthalate
Concen: 8.213 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097097.D
Acq: 27 Jul 2017 1:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.0	8.4	12.6

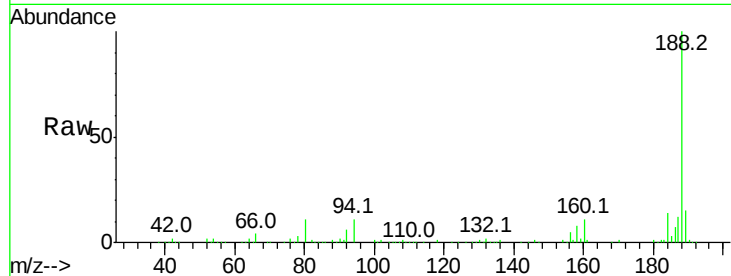




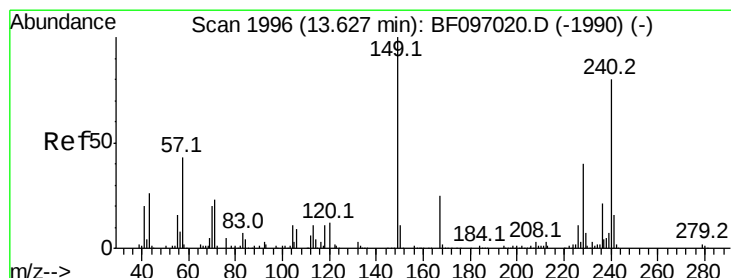
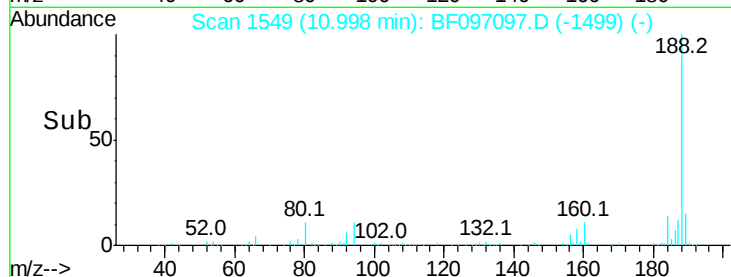
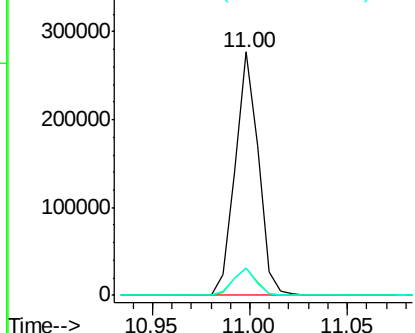
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097097.D
Acq: 27 Jul 2017 1:24

Instrument :
BNA_F
ClientSampleId :
CEMETERY-2-(0-2)

Tot Ion:188 Resp: 229310
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.4 10.2 15.2

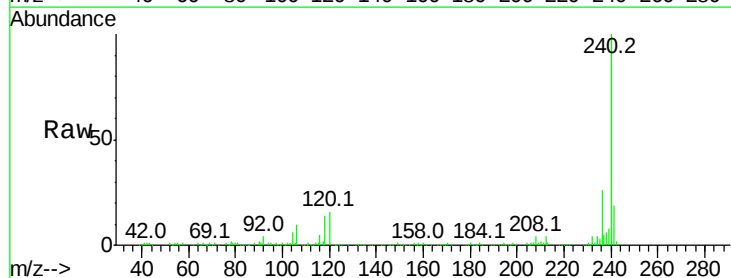


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

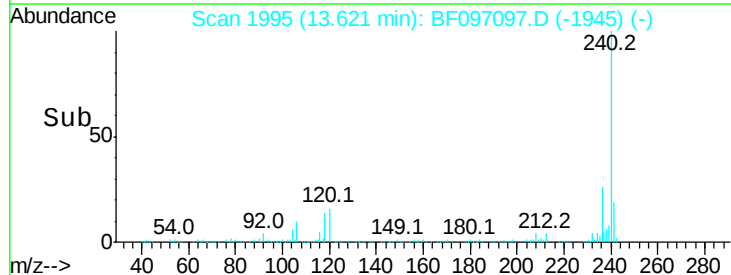
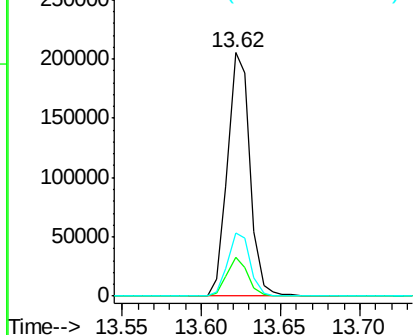


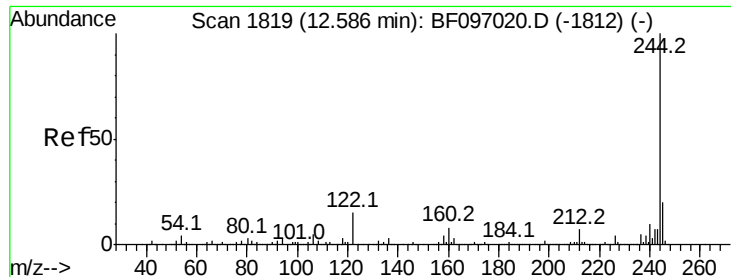
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097097.D
Acq: 27 Jul 2017 1:24

Tgt Ion:240 Resp: 201661
Ion Ratio Lower Upper
240 100
120 16.1 5.8 8.8#
236 25.7 20.5 30.7



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: 51.752 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097097.D

Acq: 27 Jul 2017 1:24

Instrument :

BNA_F

ClientSampleId :

CEMETERY-2-(0-2)

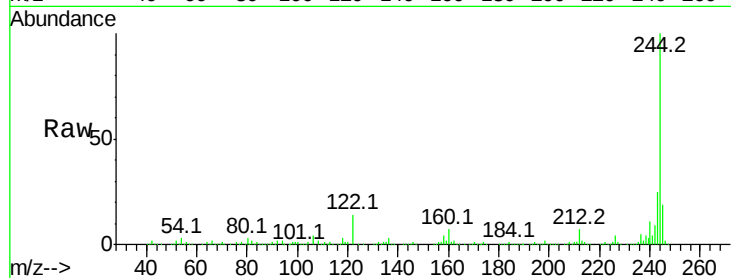
Tot Ion:244 Resp: 511873

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

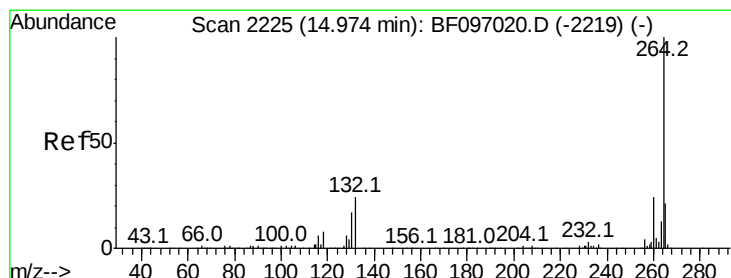
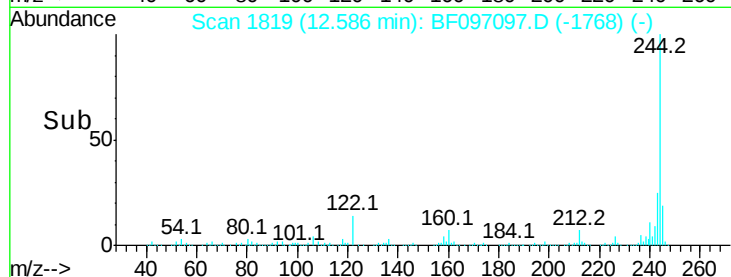
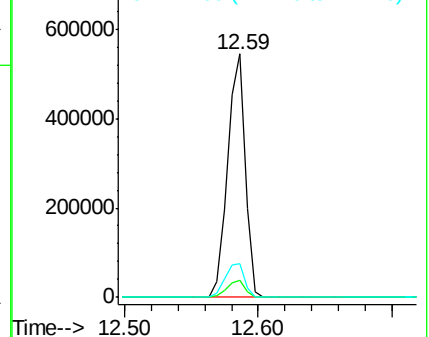
122 14.0 10.3 15.5



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: 14.97 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF097097.D

Acq: 27 Jul 2017 1:24

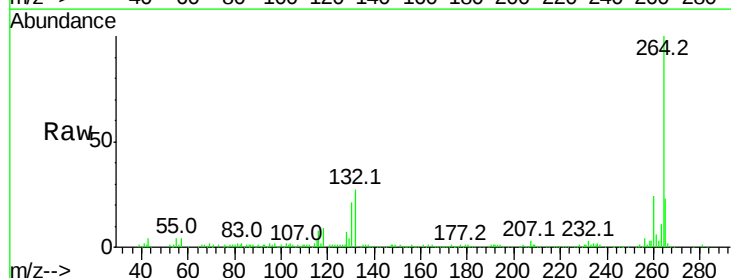
Tgt Ion:264 Resp: 153139

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 23.4 17.2 25.8



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

