

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088584.D
 Acq On : 1 Jul 2016 19:44
 Operator : UM/SJ
 Sample : H3836-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1.1-04

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Quant Time: Jul 02 03:21:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131434m	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	473623	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	200014	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	336118	20.00	ng	0.00
75) Chrysene-d12	13.94	240	246513	20.00	ng	-0.01
86) Perylene-d12	15.35	264	217126	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	685581	78.17	ng	0.00
7) Phenol-d6	6.44	99	1065430	94.02	ng	0.00
23) Nitrobenzene-d5	7.37	82	594287	65.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	160917	86.64	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	970349	76.63	ng	0.00
78) Terphenyl-d14	12.90	244	615334	55.60	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.56	163	109675	7.70	ng	Qvalue 99

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

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Acq On : 1 Jul 2016 19:44
Operator : UM/SJ
Sample : H3836-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

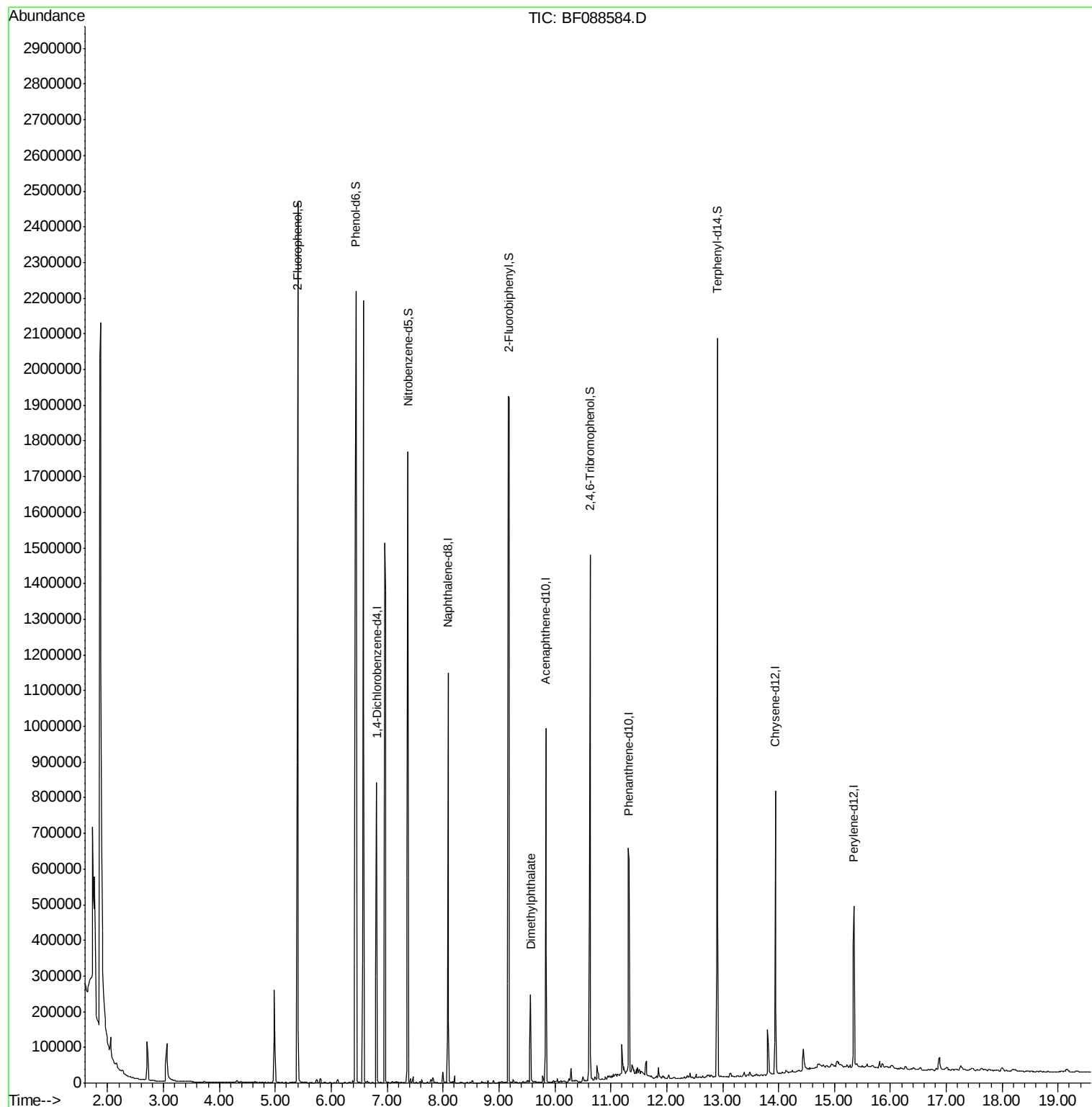
Instrument :
BNA_F
ClientSampleId :
C1.1-04

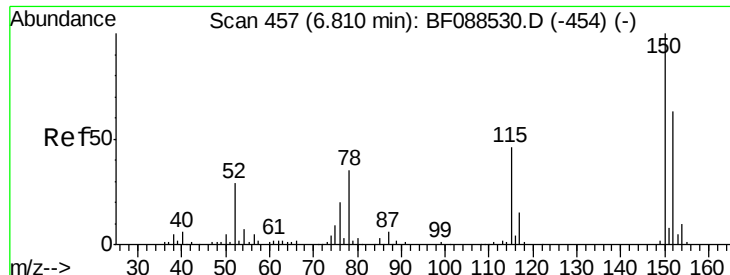
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Quant Time: Jul 02 03:21:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng m

RT: 6.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF088584.D

Acq: 1 Jul 2016 19:44

Instrument :

BNA_F

ClientSampleId :

C1.1-04

Tgt Ion:152 Resp: 131434

Ion Ratio Lower Upper

152 100

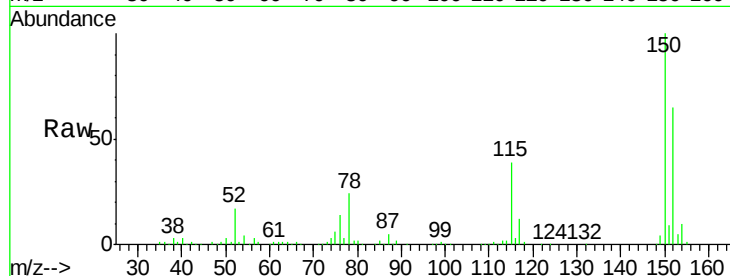
150 154.0 123.8 185.6

115 59.9 39.6 59.4#

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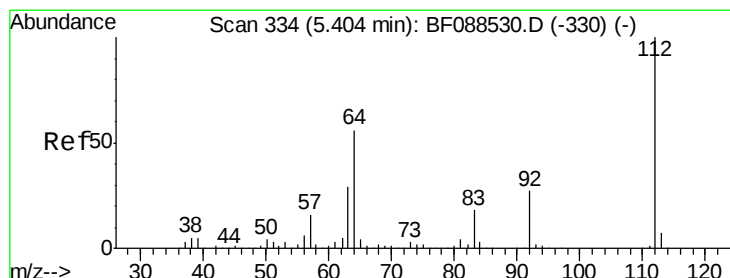
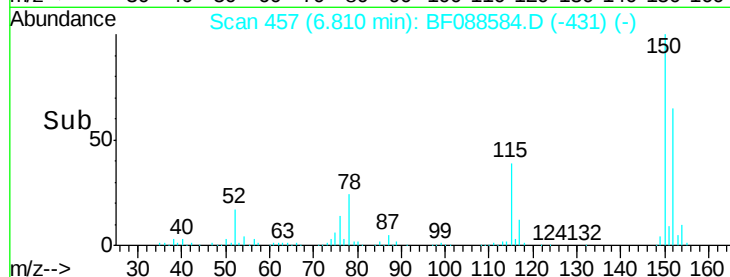
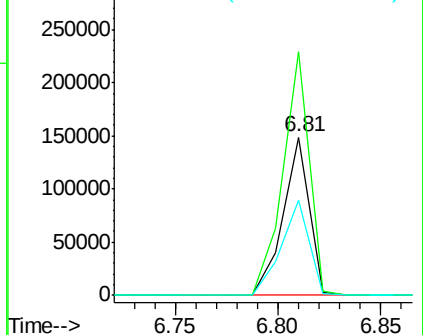
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 78.17 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.00 min

Lab File: BF088584.D

Acq: 1 Jul 2016 19:44

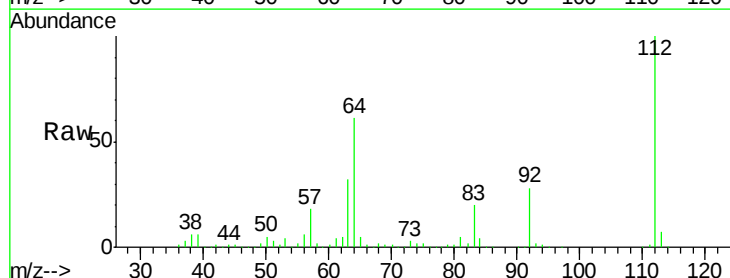
Tgt Ion:112 Resp: 685581

Ion Ratio Lower Upper

112 100

64 61.3 42.2 63.2

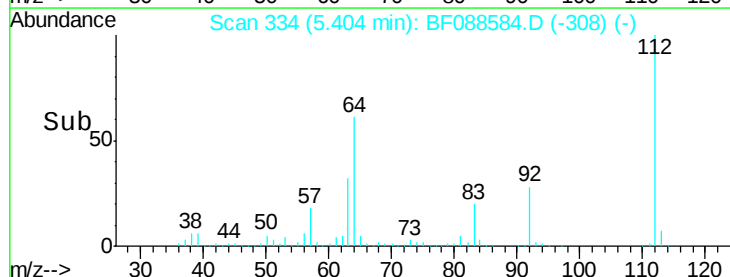
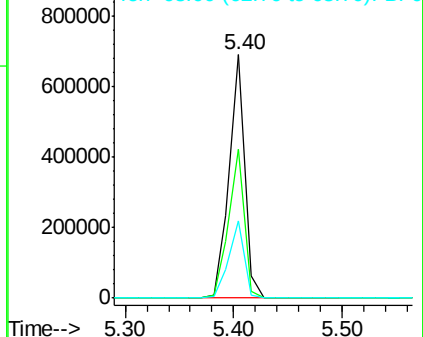
63 31.9 21.8 32.8

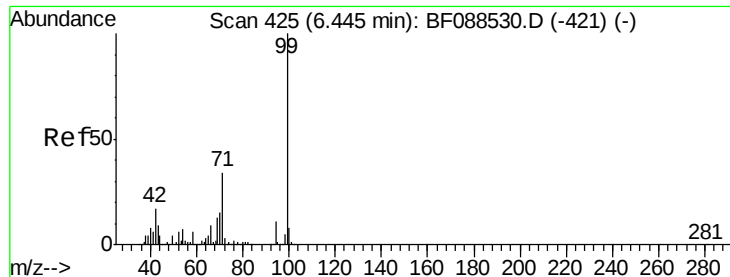


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.02 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088584.D

Acq: 1 Jul 2016 19:44

Instrument :

BNA_F

ClientSampled :

C1.1-04

Tgt Ion: 99 Resp: 1065430

Ion Ratio Lower Upper

99 100

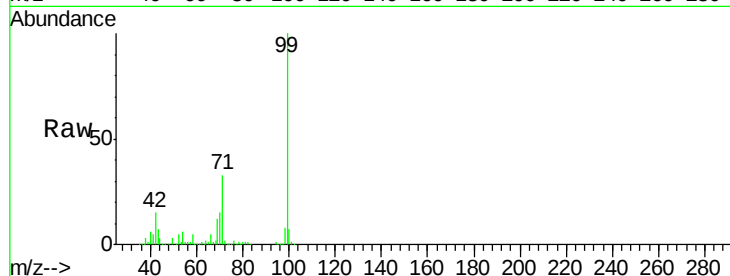
42 14.8 12.2 18.2

71 32.5 23.4 35.0

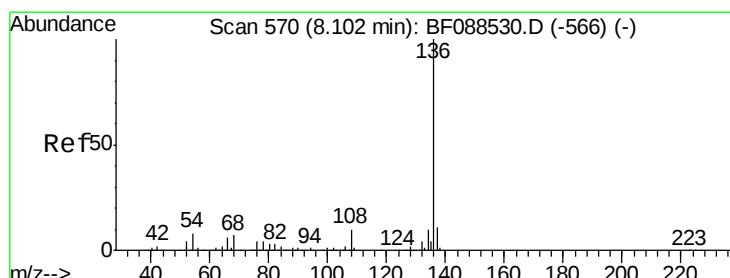
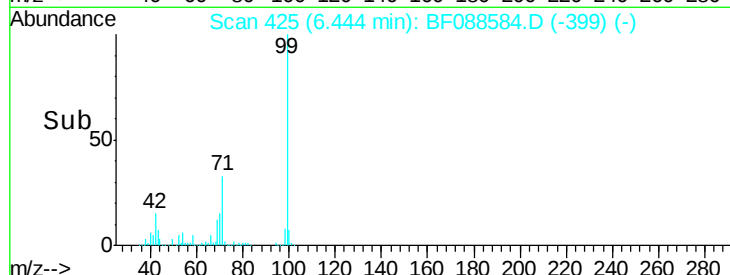
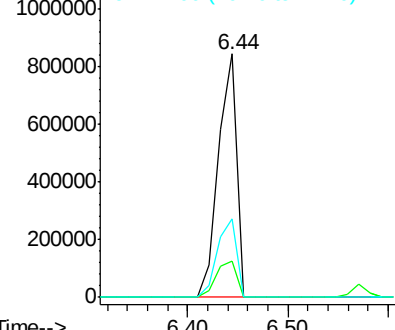
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088584.D

Acq: 1 Jul 2016 19:44

Tgt Ion: 136 Resp: 473623

Ion Ratio Lower Upper

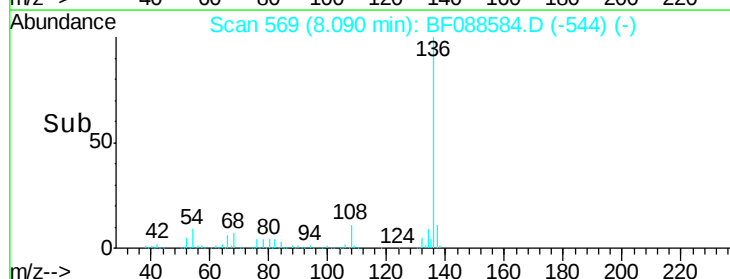
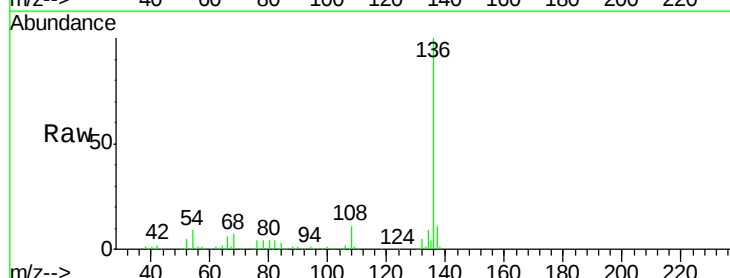
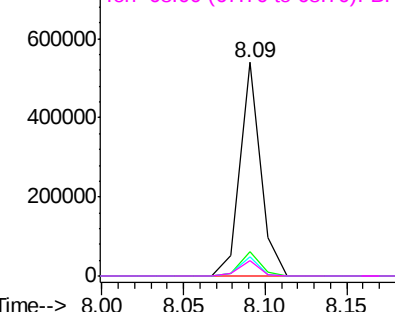
136 100

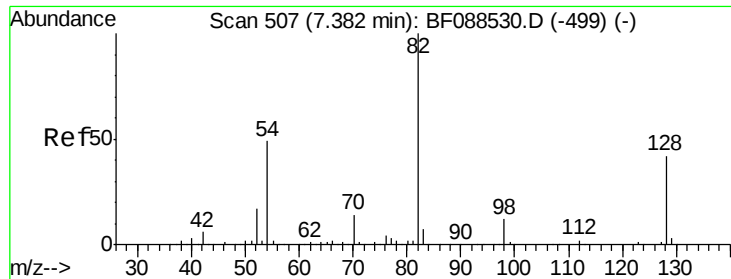
137 11.3 9.1 13.7

54 9.1 6.6 10.0

68 7.4 5.1 7.7

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: 65.76 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF088584.D
 Acq: 1 Jul 2016 19:44

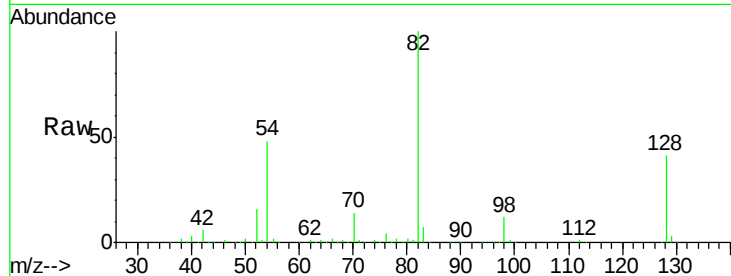
Instrument :
 BNA_F
 ClientSampled :
 C1.1-04

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	35.9	53.9
54	48.3	40.9	61.3

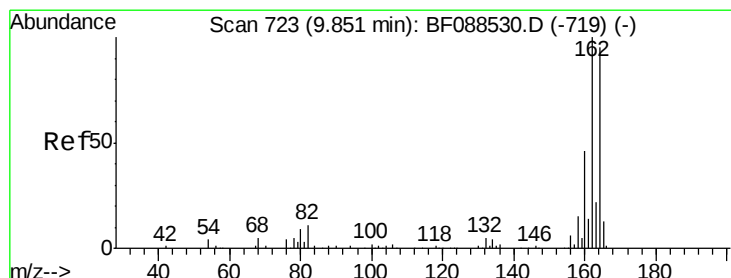
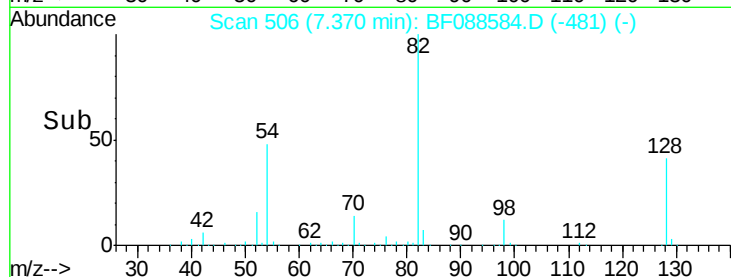
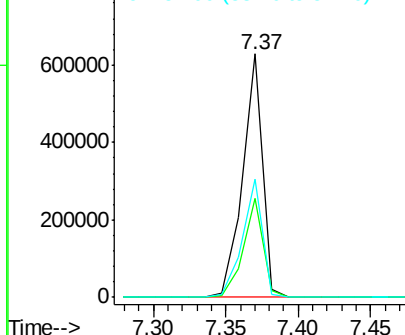
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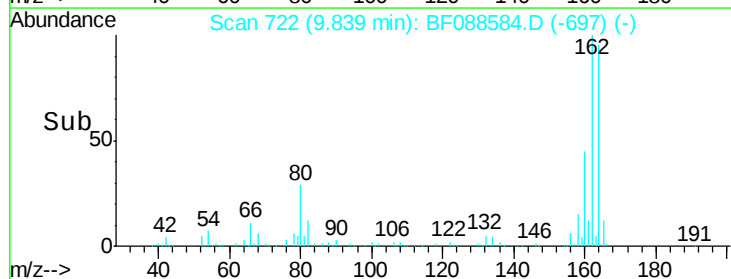
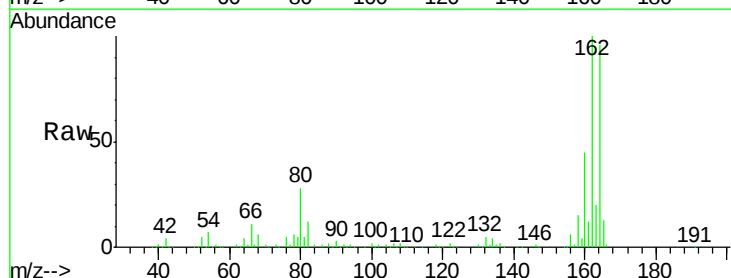
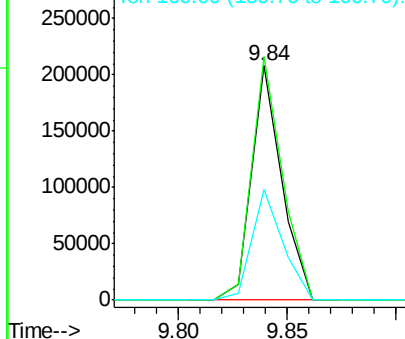
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

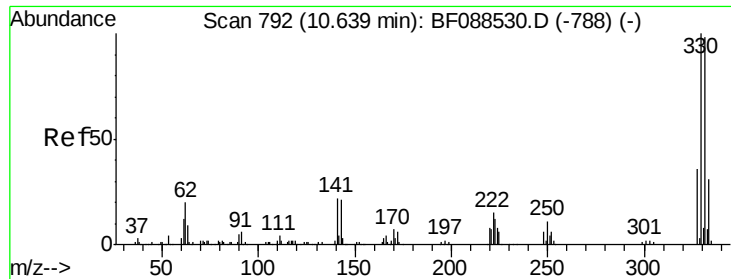


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088584.D
 Acq: 1 Jul 2016 19:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.4	128.2
160	47.0	39.5	59.3

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: 86.64 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088584.D
 Acq: 1 Jul 2016 19:44

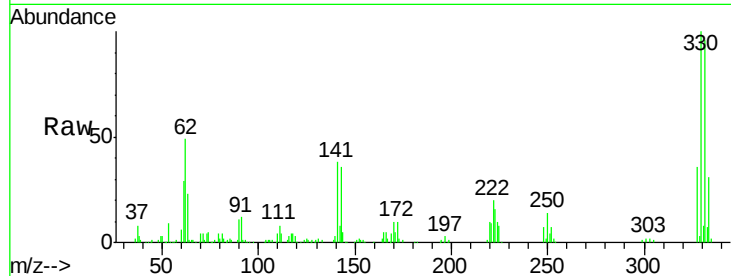
Instrument :
 BNA_F
 ClientSampled :
 C1.1-04

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	43.3	0.0	0.0#

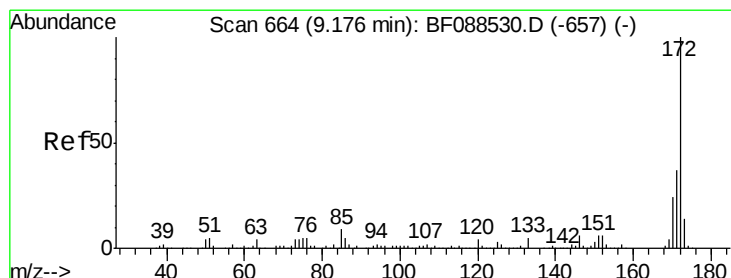
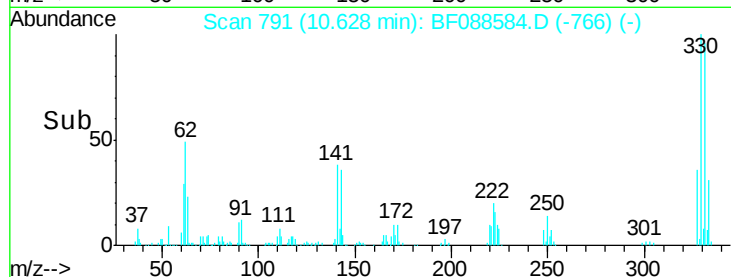
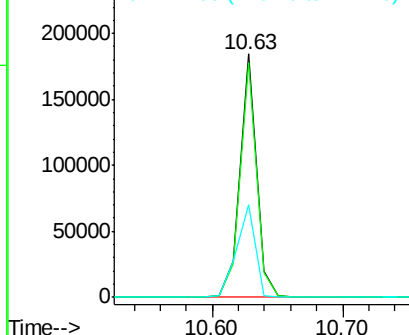
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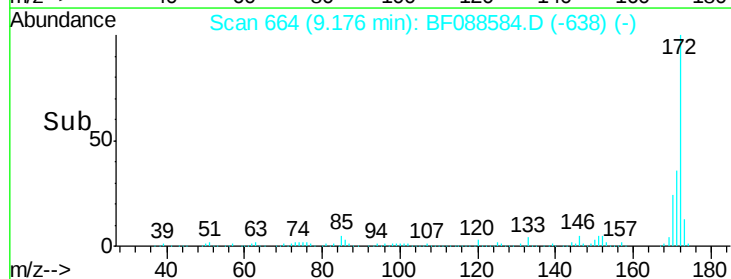
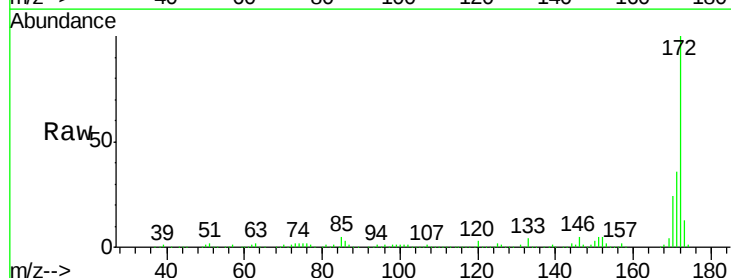
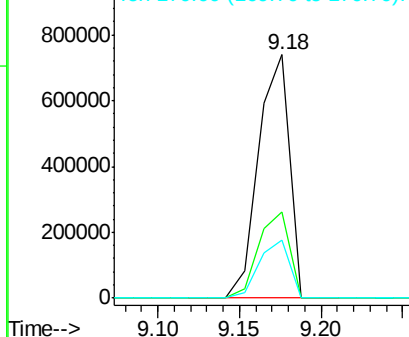
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

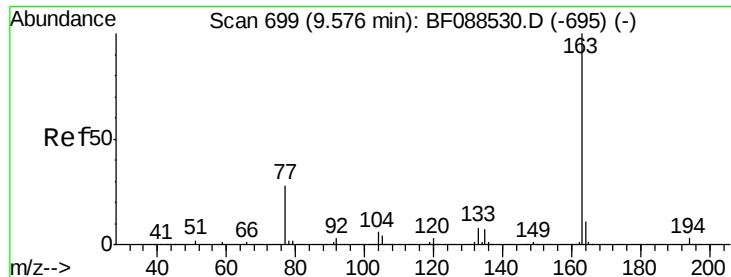


#44
 2-Fluorobiphenyl
 Concen: 76.63 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088584.D
 Acq: 1 Jul 2016 19:44

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.6	28.6	43.0
170	24.0	19.2	28.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49
Dimethylphthalate
Concen: 7.70 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088584.D
Acq: 1 Jul 2016 19:44

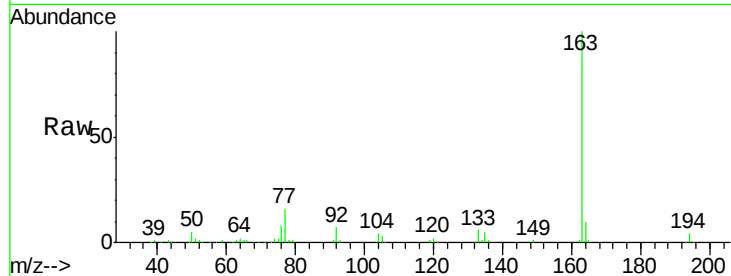
Instrument :
BNA_F
ClientSampleId :
C1.1-04

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.8	4.2
164	9.7	8.3	12.5

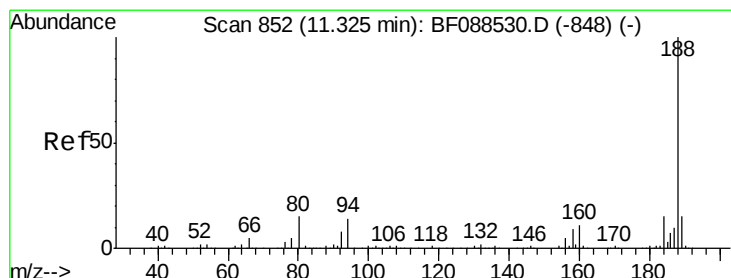
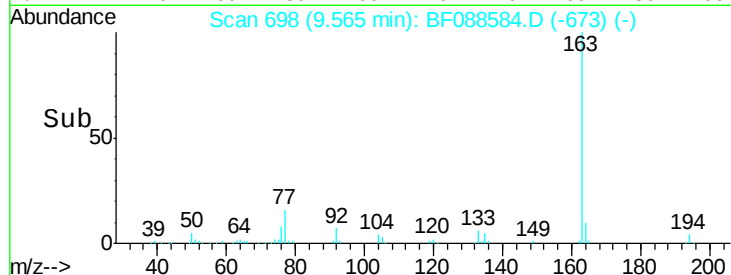
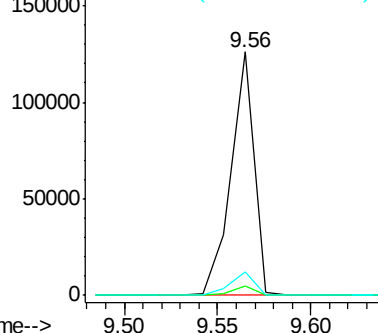
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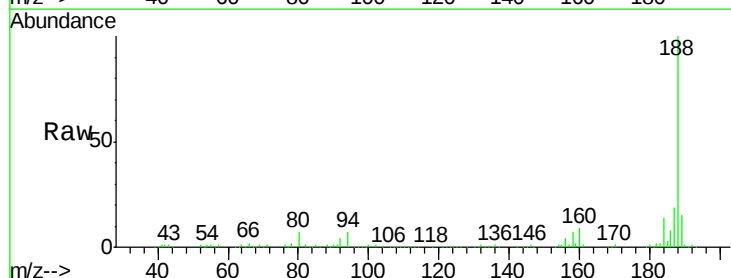


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

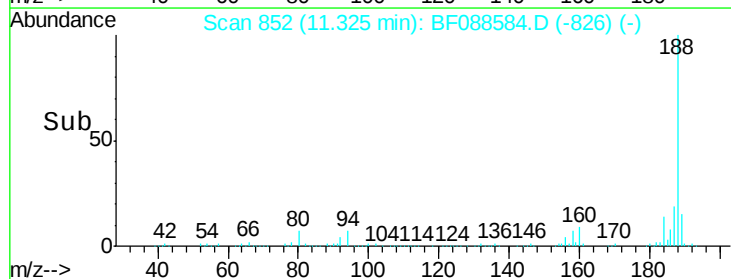
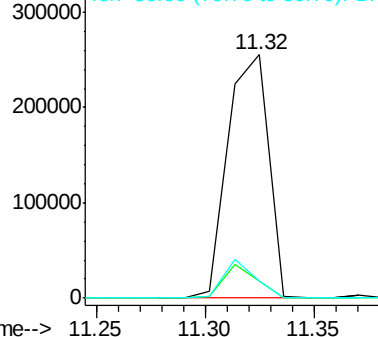


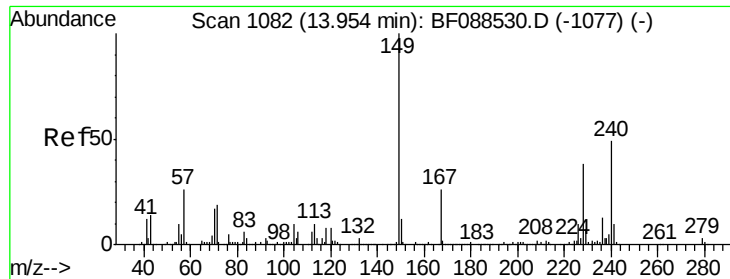
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088584.D
Acq: 1 Jul 2016 19:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.8	9.0	13.6#
80	7.1	10.0	15.0#



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: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088584.D

Acq: 1 Jul 2016 19:44

Instrument :

BNA_F

ClientSampleId :

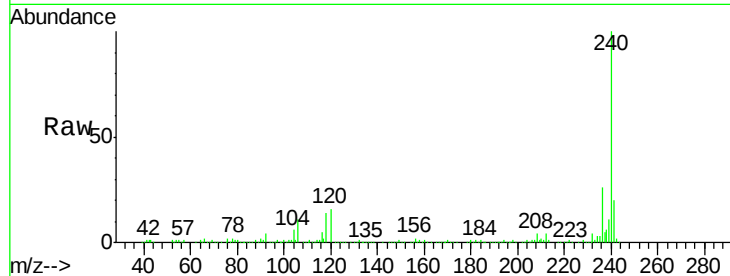
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Tgt Ion	Ratio	Resp	Lower	Upper
240	100	246513		
120	15.9	6.8	10.2	
236	26.0	20.2	30.2	

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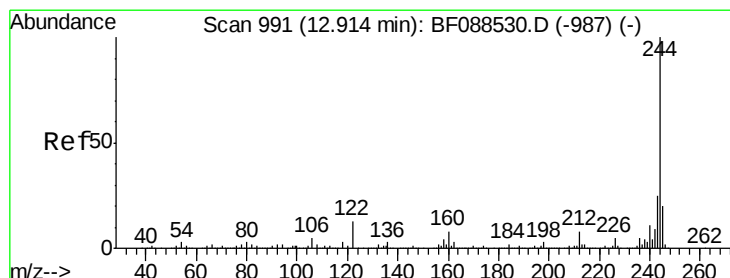
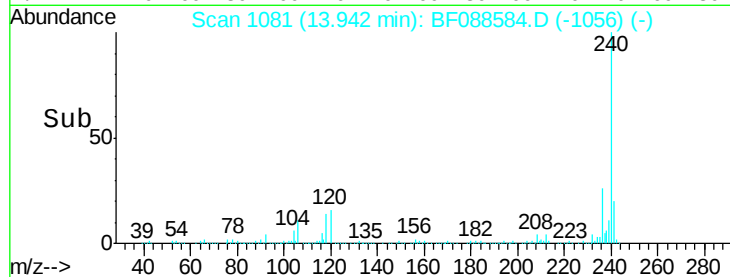
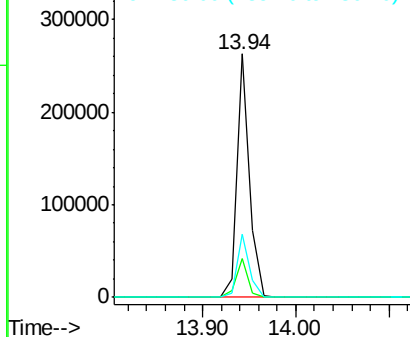
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 55.60 ng

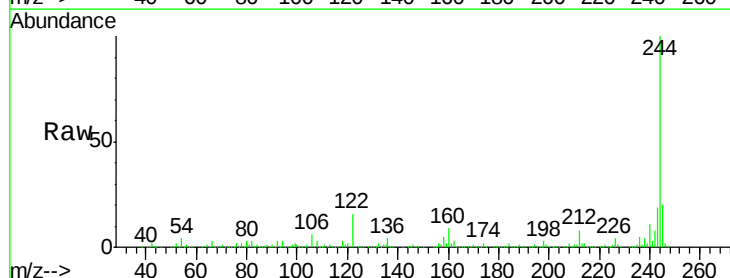
RT: 12.90 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF088584.D

Acq: 1 Jul 2016 19:44

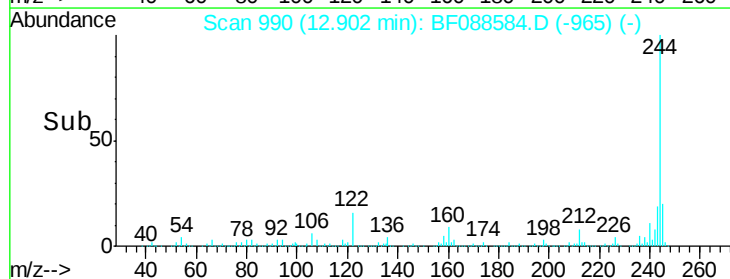
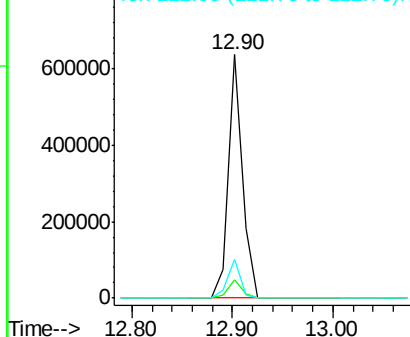
Tgt Ion	Ratio	Resp	Lower	Upper
244	100	615334		
212	7.8	6.0	9.0	
122	15.7	11.2	16.8	

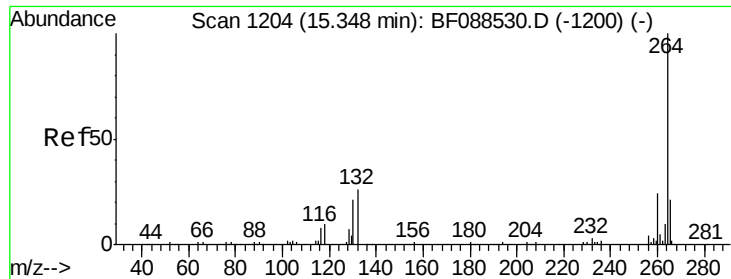


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088584.D
Acq: 1 Jul 2016 19:44

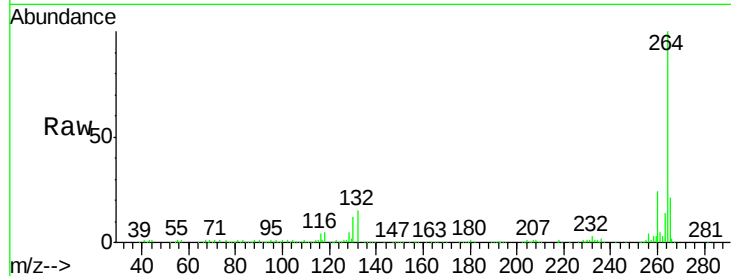
Instrument :
BNA_F
ClientSampleId :
C1.1-04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	16.9	25.3

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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

