

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
 Data File : BF102848.D
 Acq On : 8 Feb 2018 11:42
 Operator : SJ/JU
 Sample : J1469-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 12:57:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	197208	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	832002	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	378141	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	651498	20.00	ng	0.00
75) Chrysene-d12	14.04	240	411100	20.00	ng	0.00
86) Perylene-d12	15.53	264	355921	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1312726	101.09	ng	0.00
7) Phenol-d6	6.51	99	1616051	103.36	ng	0.00
23) Nitrobenzene-d5	7.45	82	1056101	88.06	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	319699	105.04	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1565216	68.68	ng	0.00
78) Terphenyl-d14	13.00	244	1312367	75.59	ng	0.00

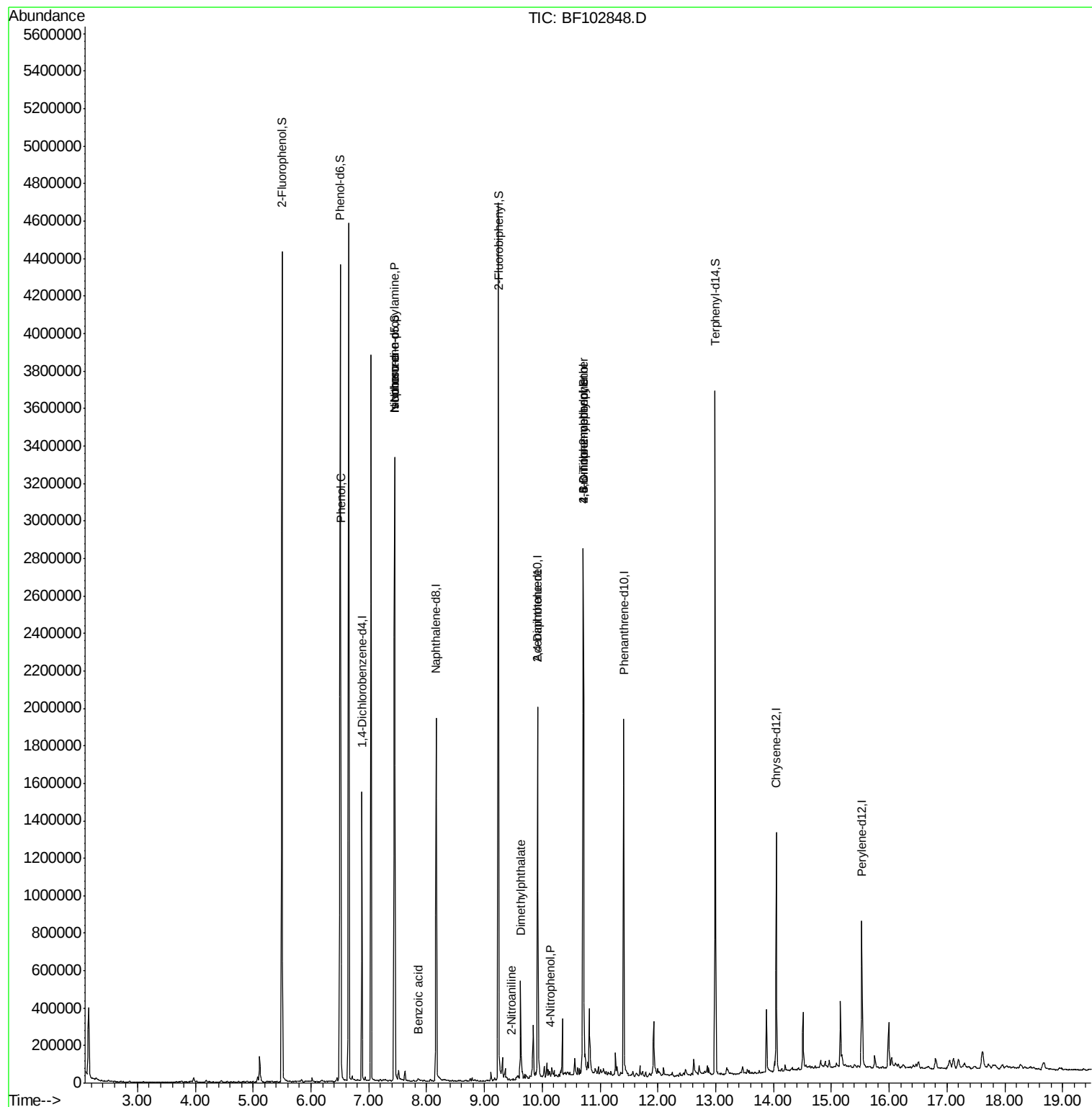
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	105947	6.323	ng	98
19) n-Nitroso-di-n-propylamine	7.45	70	142520	13.825	ng	# 85
25) Isophorone	7.45	82	1056079	38.240	ng	# 64
32) Benzoic acid	7.85	122	4443	9.064	ng	86
47) 2-Nitroaniline	9.46	65	118	3.486	ng	# 2
49) Dimethylphthalate	9.63	163	186995	6.342	ng	100
55) 4-Nitrophenol	10.13	139	598	4.124	ng	87
56) 2,4-Dinitrotoluene	9.92	165	48507	9.110	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.71	198	771	9.055	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	21206	3.077	ng	# 1

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

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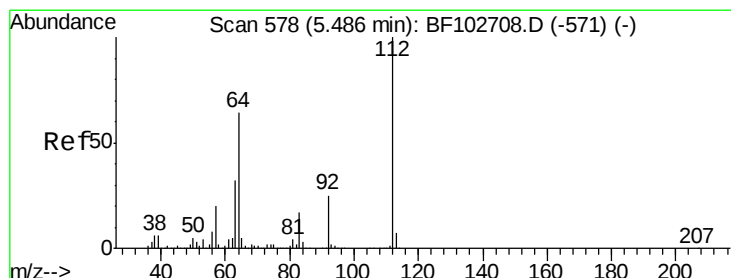
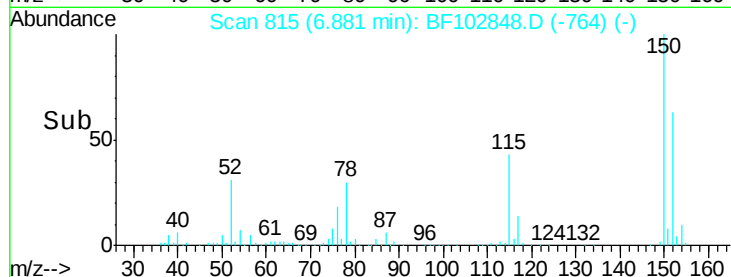
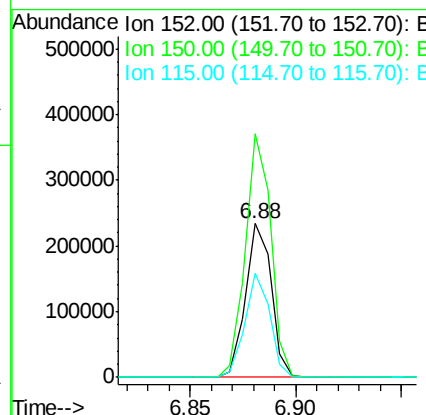
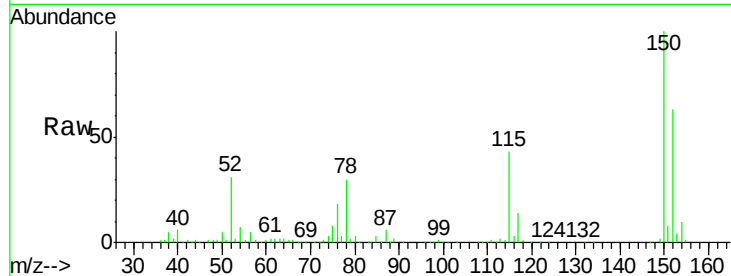


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102848.D
Acq: 8 Feb 2018 11:42

Instrument :
BNA_F
ClientSampleId :

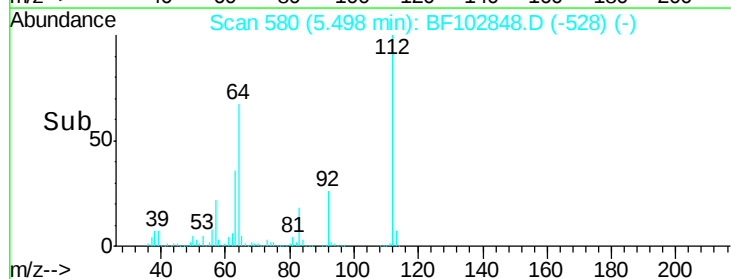
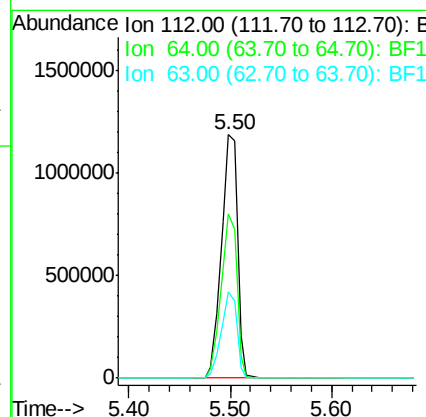
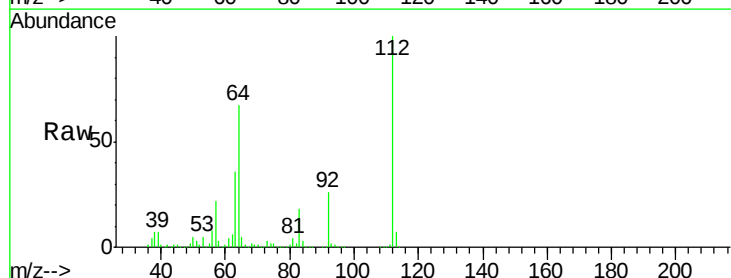
Tot Ion:152 Resp: 197208
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 67.5 50.1 75.1



#5

2-Fluorophenol
Concen: 101.091 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102848.D
Acq: 8 Feb 2018 11:42

Tgt Ion:112 Resp: 1312726
Ion Ratio Lower Upper
112 100
64 67.4 47.9 71.9
63 35.6 23.7 35.5#





#7

Phenol-d6

Concen: 103.358 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

Instrument :

BNA_F

ClientSampled :

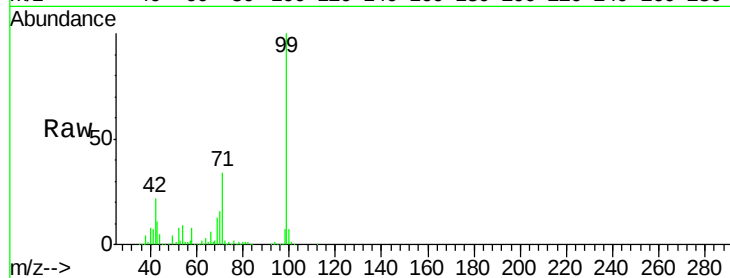
Tot Ion: 99 Resp: 1616051

Ion Ratio Lower Upper

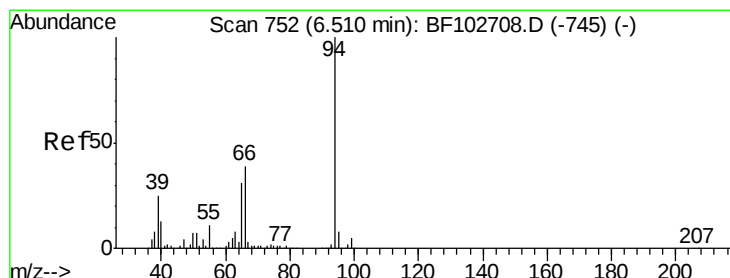
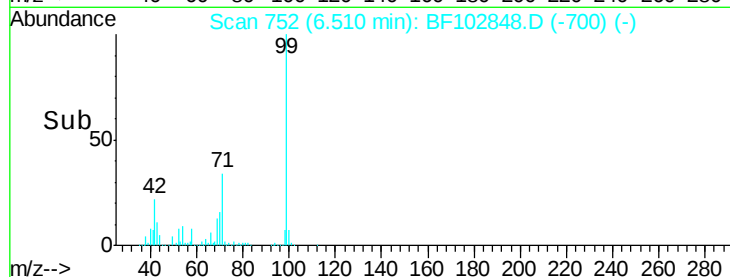
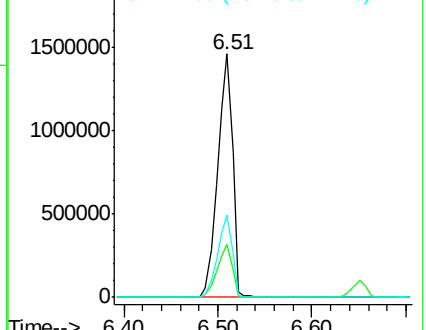
99 100

42 21.6 14.5 21.7

71 33.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.323 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

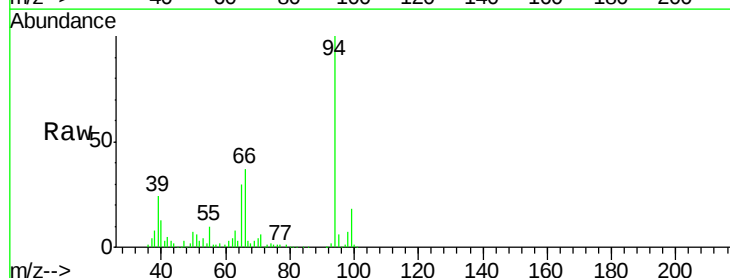
Tgt Ion: 94 Resp: 105947

Ion Ratio Lower Upper

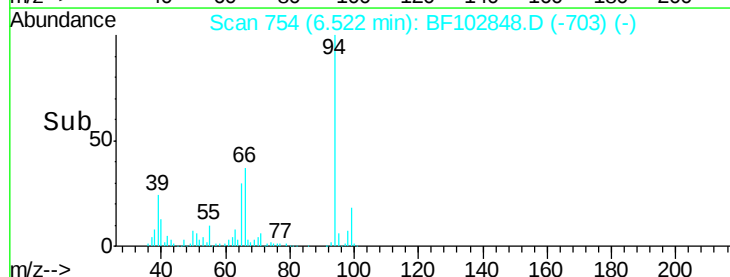
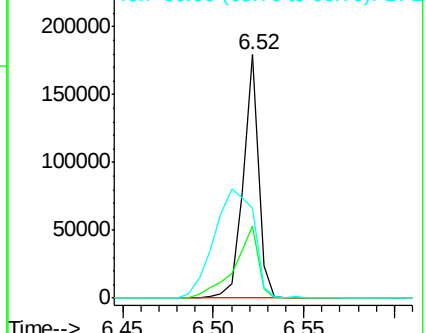
94 100

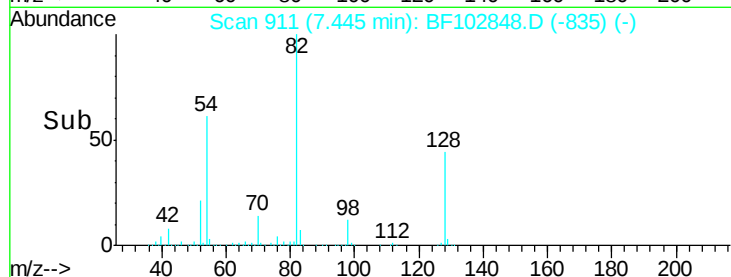
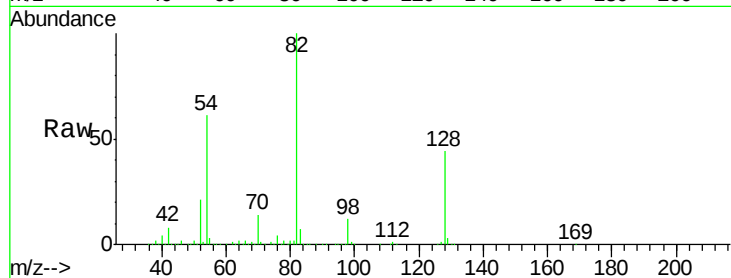
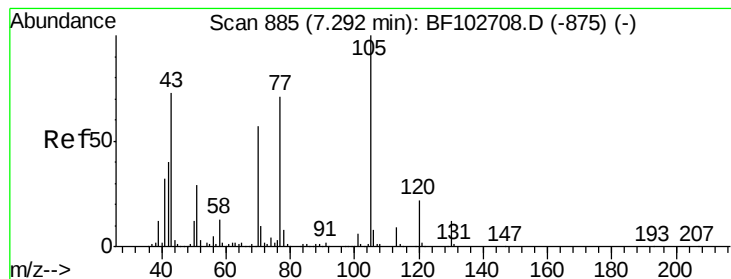
65 29.6 7.9 47.9

66 37.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 13.825 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 142520

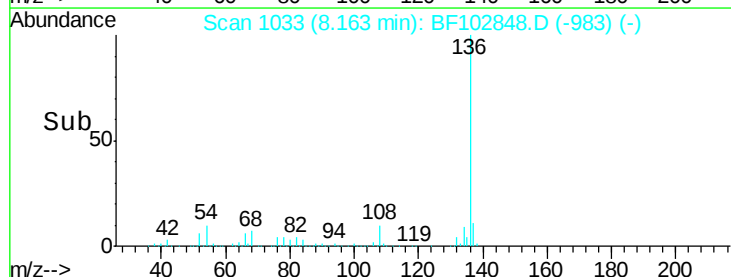
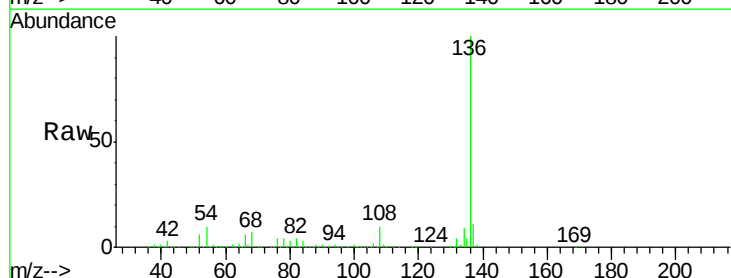
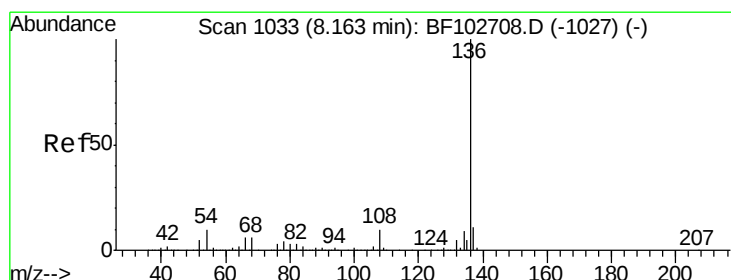
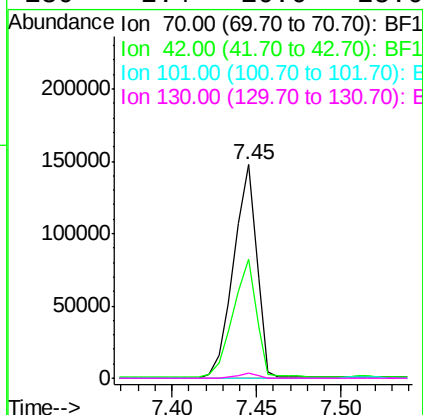
Ion Ratio Lower Upper

70 100

42 56.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

Tgt Ion: 136 Resp: 832002

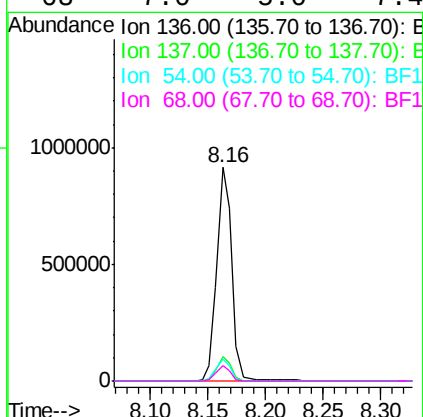
Ion Ratio Lower Upper

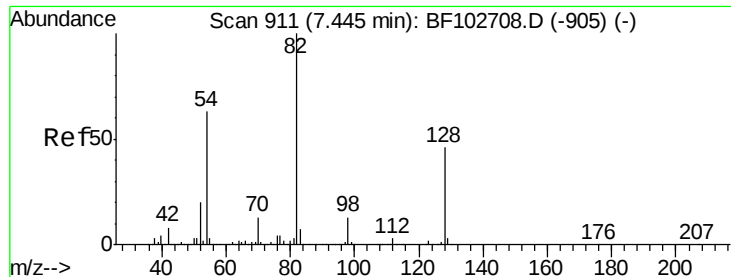
136 100

137 11.4 8.9 13.3

54 10.4 6.6 9.8#

68 7.0 5.0 7.4

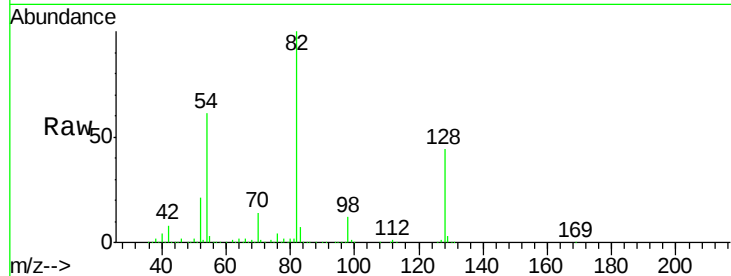




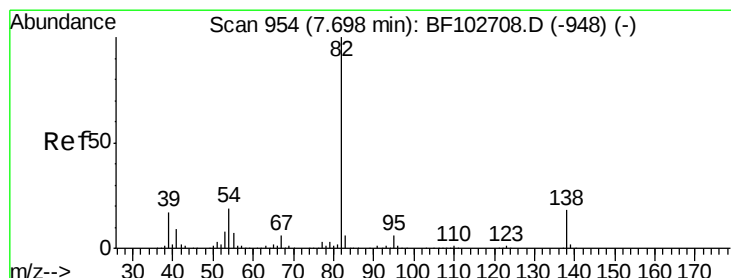
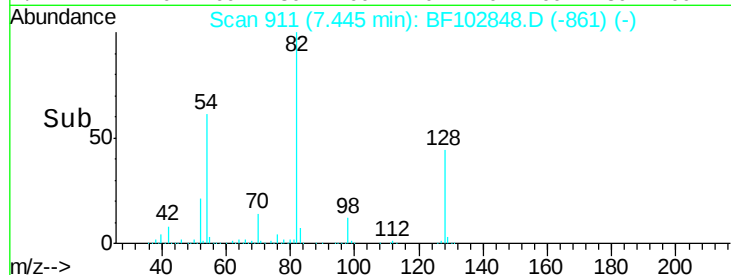
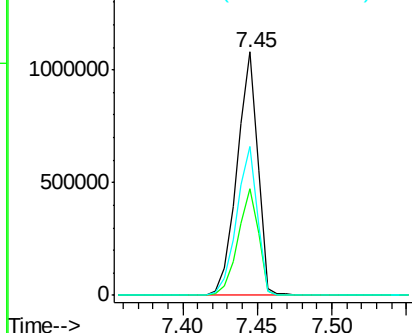
#23
 Nitrobenzene-d5
 Concen: 88.055 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF102848.D
 Acq: 8 Feb 2018 11:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1056101
 Ion Ratio Lower Upper
 82 100
 128 43.9 36.1 54.1
 54 61.1 41.4 62.2

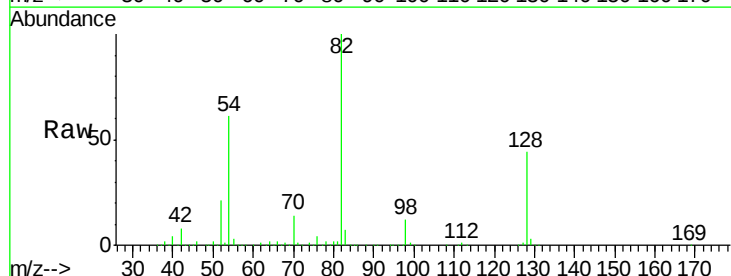


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

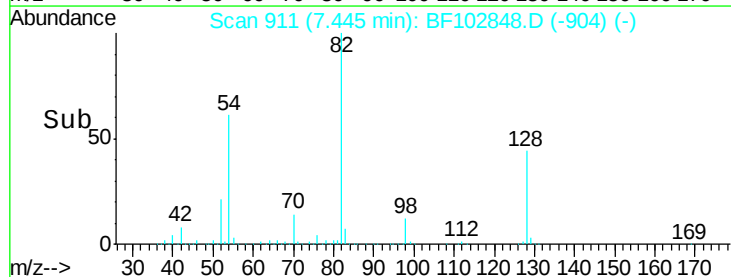
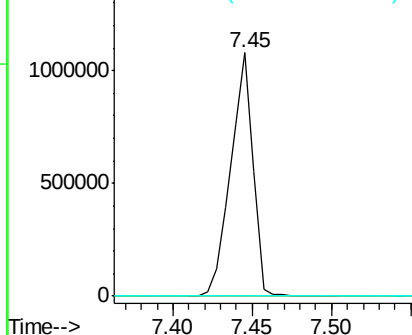


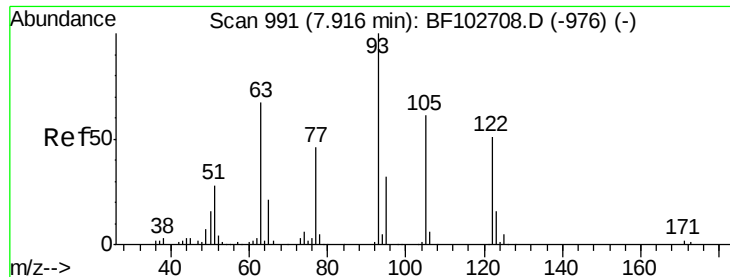
#25
 Isophorone
 Concen: 38.240 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF102848.D
 Acq: 8 Feb 2018 11:42

Tgt Ion: 82 Resp: 1056079
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

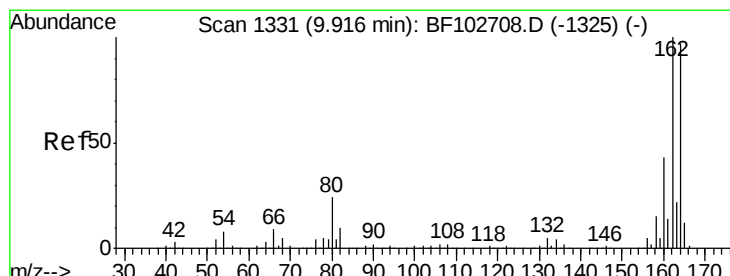
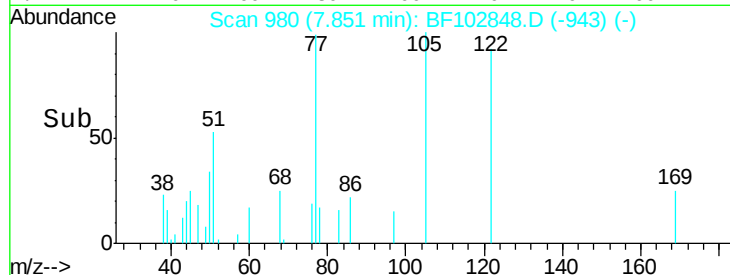
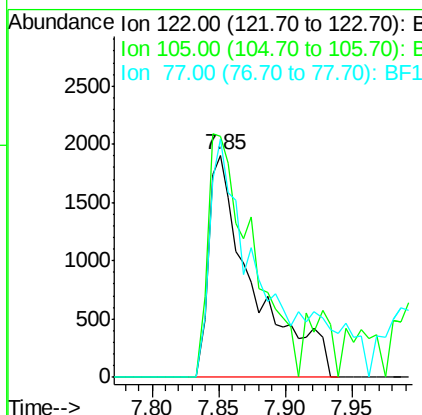
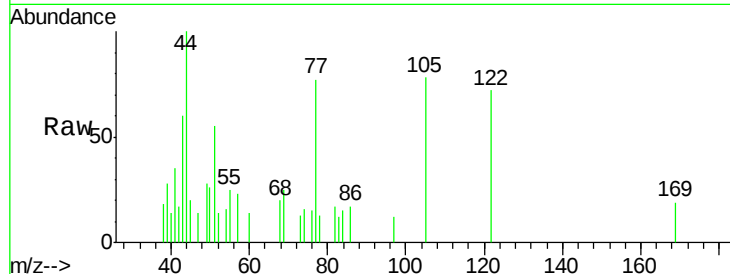




#32
Benzoic acid
Concen: 9.064 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.08 min
Lab File: BF102848.D
Acq: 8 Feb 2018 11:42

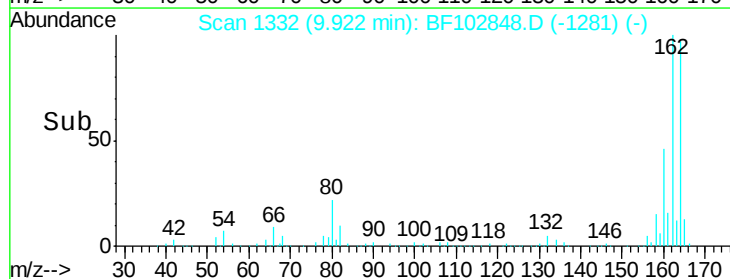
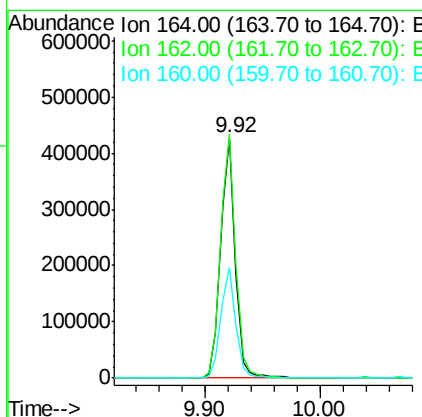
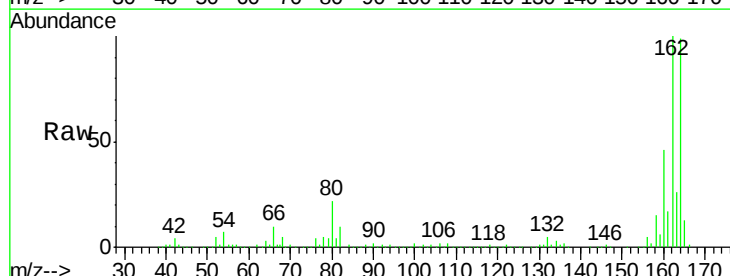
Instrument :
BNA_F
ClientSampled :

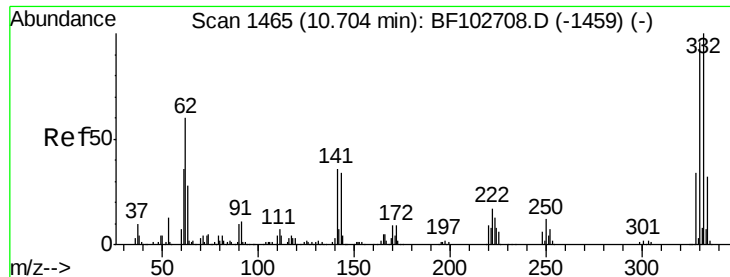
Tot Ion:122 Resp: 4443
Ion Ratio Lower Upper
122 100
105 108.6 101.1 141.1
77 107.5 70.7 110.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102848.D
Acq: 8 Feb 2018 11:42

Tgt Ion:164 Resp: 378141
Ion Ratio Lower Upper
164 100
162 101.4 86.1 129.1
160 46.2 38.3 57.5

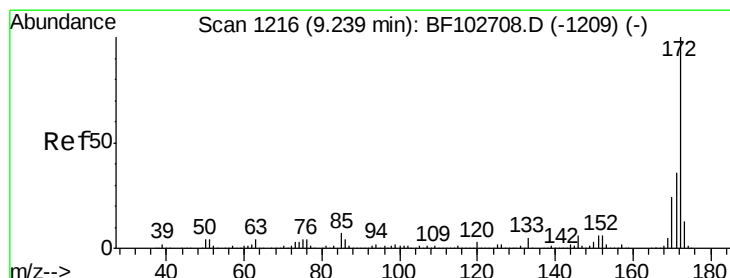
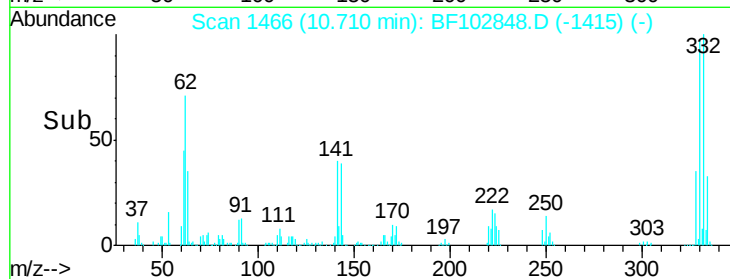
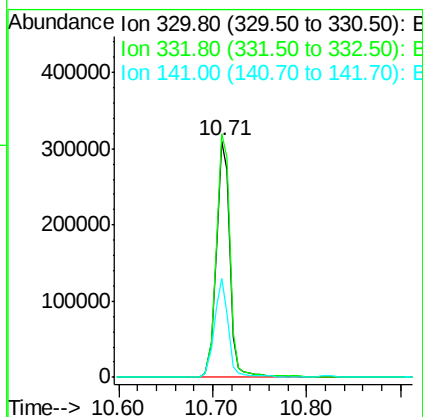
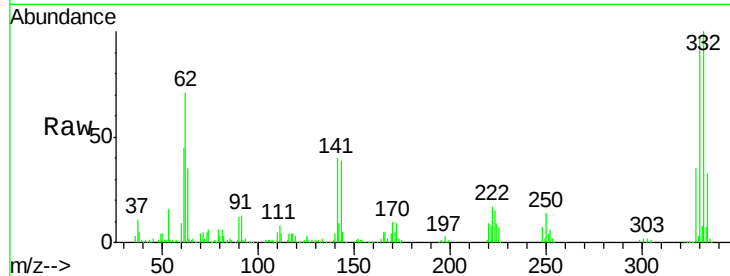




#41
 2,4,6-Tribromophenol
 Concen: 105.040 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102848.D
 Acq: 8 Feb 2018 11:42

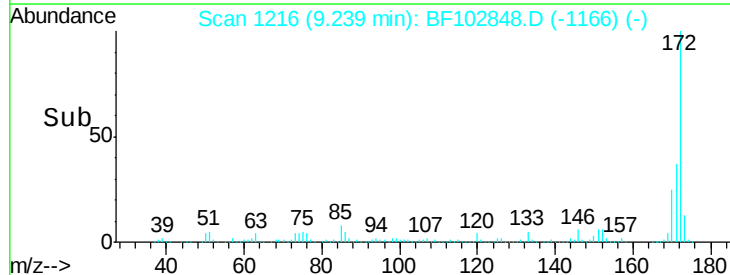
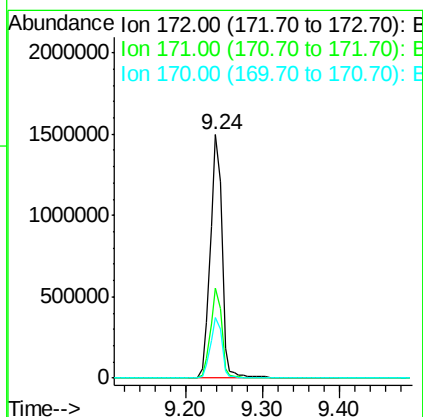
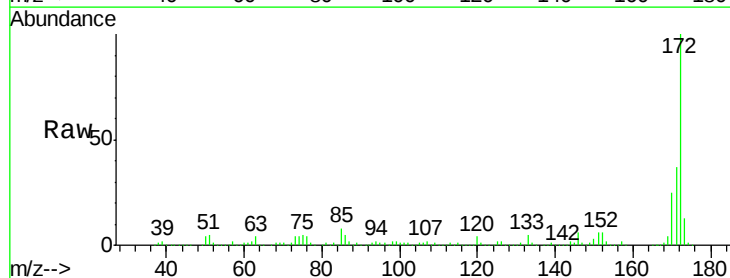
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 BNA_F
 ClientSampleId :

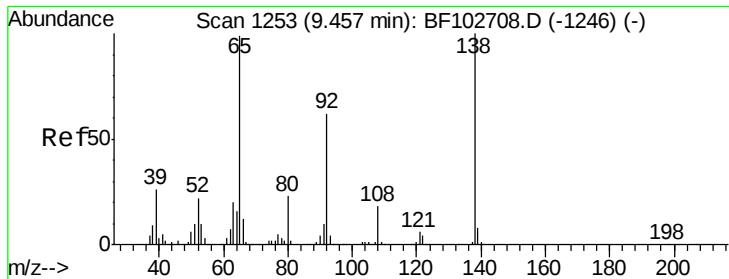
Tot Ion	Ratio	Lower	Upper
330	100		
332	105.2	77.0	115.6
141	42.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 68.685 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102848.D
 Acq: 8 Feb 2018 11:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.8	19.6	29.4





#47

2-Nitroaniline

Concen: 3.486 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

Instrument :

BNA_F

ClientSampleId :

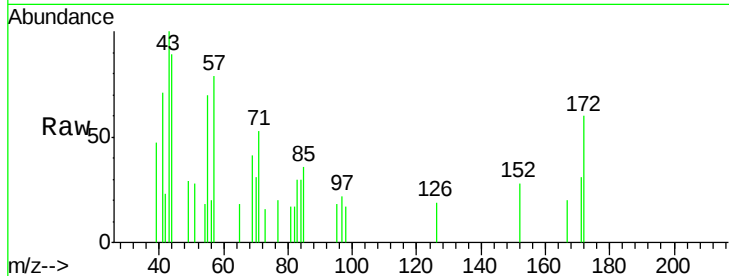
Tot Ion: 65 Resp: 118

Ion Ratio Lower Upper

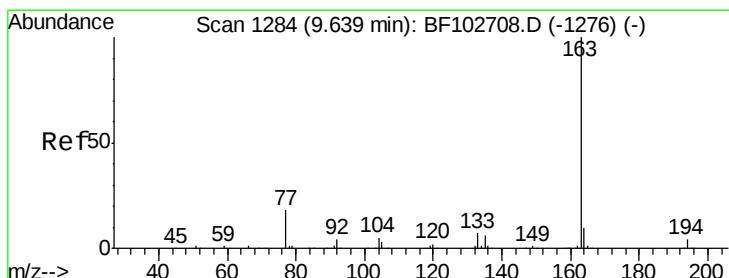
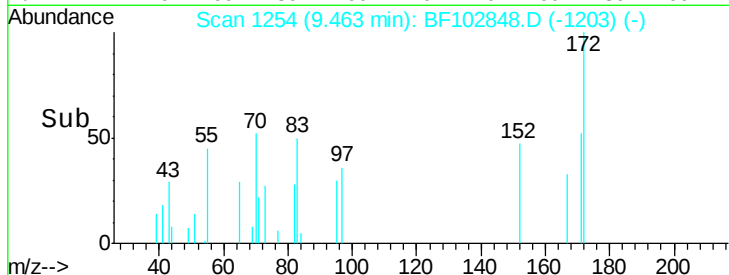
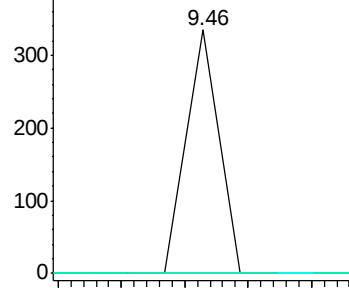
65 100

92 0.0 55.8 83.6#

138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#49

Dimethylphthalate

Concen: 6.342 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

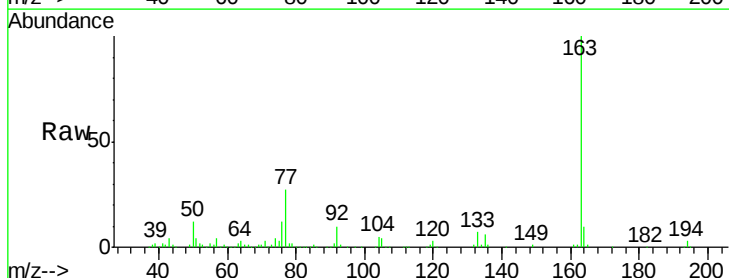
Tgt Ion: 163 Resp: 186995

Ion Ratio Lower Upper

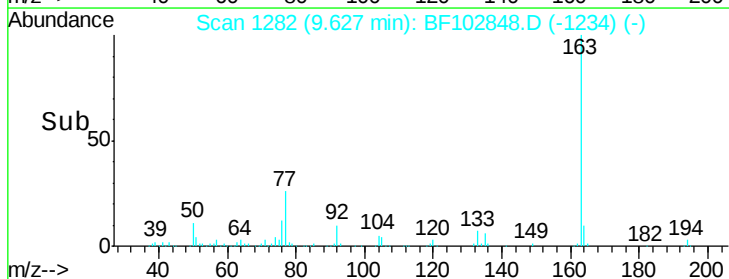
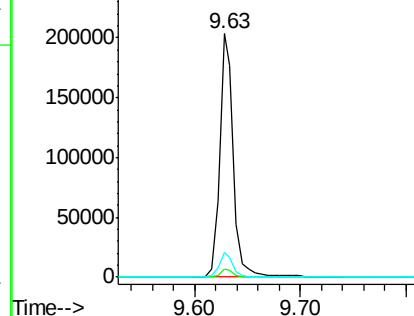
163 100

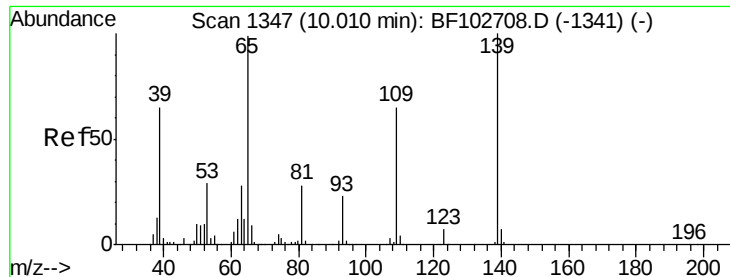
194 3.1 2.7 4.1

164 10.1 8.2 12.2



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





#55

4-Nitrophenol

Concen: 4.124 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.11 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

Instrument :

BNA_F

ClientSampled :

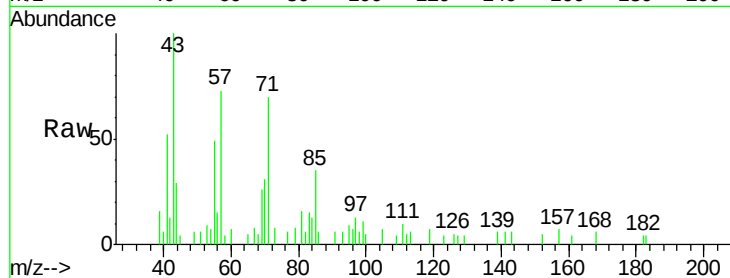
Tot Ion:139 Resp: 598

Ion Ratio Lower Upper

139 100

109 64.8 48.4 88.4

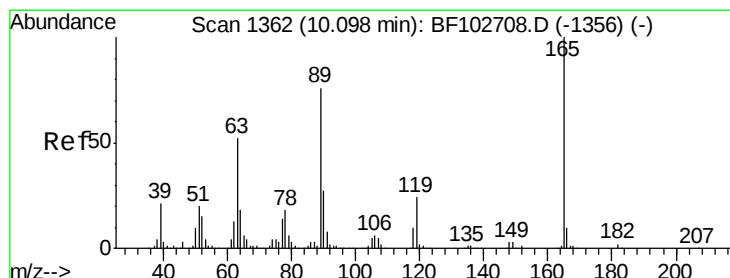
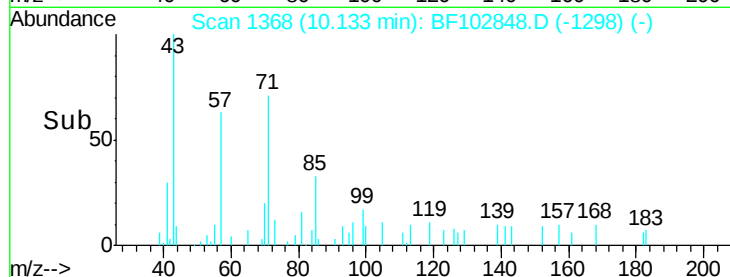
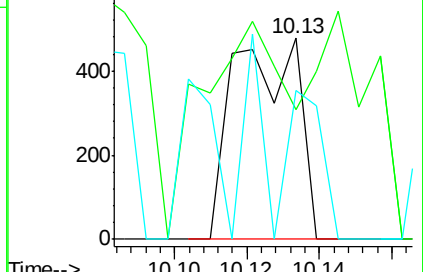
65 74.2 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 9.110 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.18 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

Tgt Ion:165 Resp: 48507

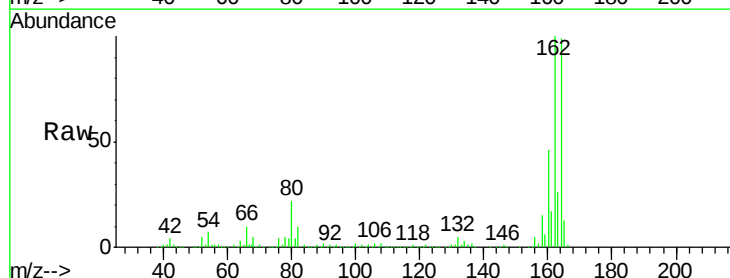
Ion Ratio Lower Upper

165 100

63 2.3 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

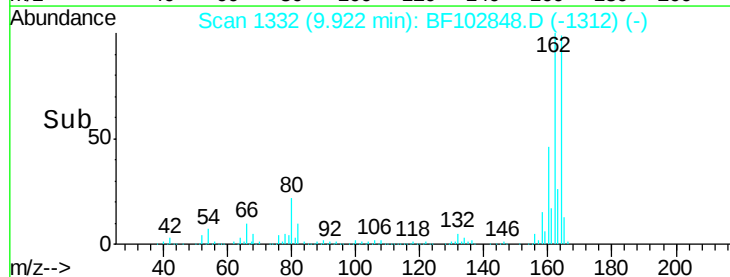
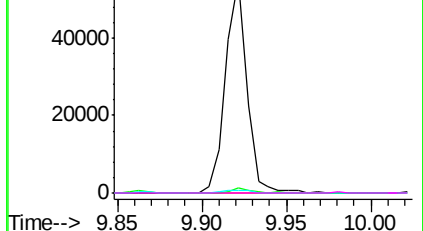


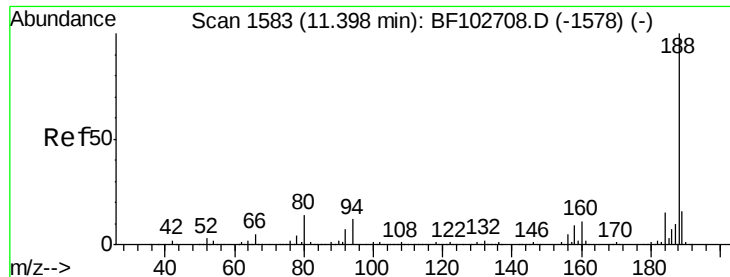
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

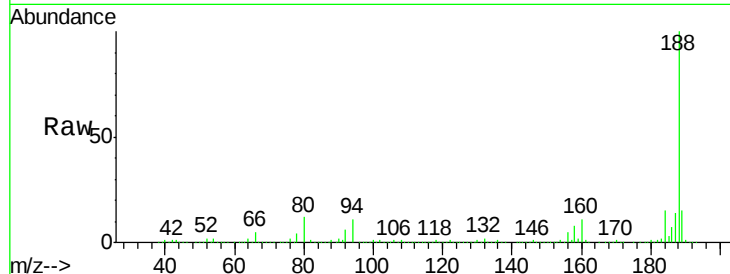




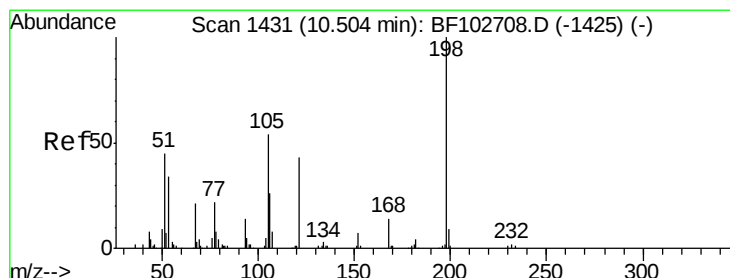
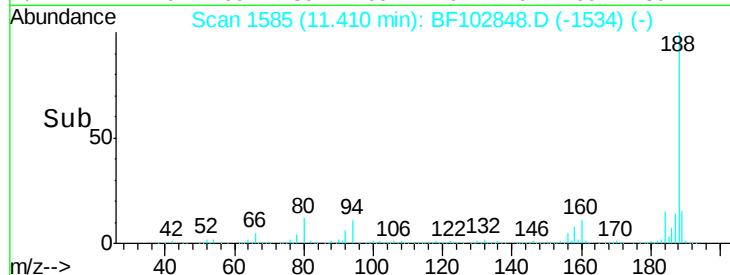
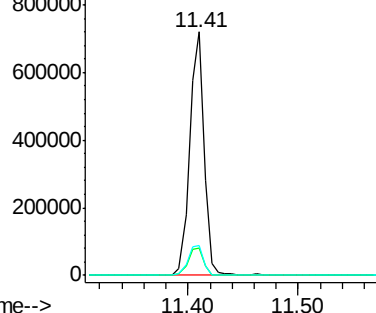
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF102848.D
 Acq: 8 Feb 2018 11:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 651498
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.3 9.2 13.8

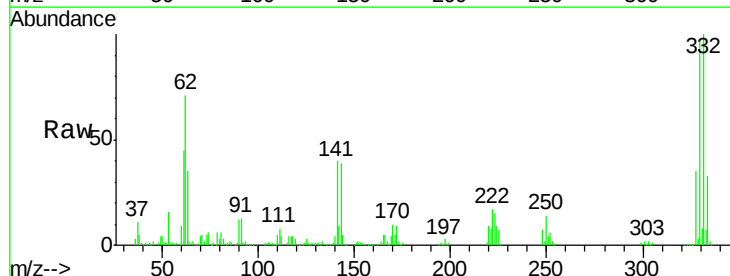


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

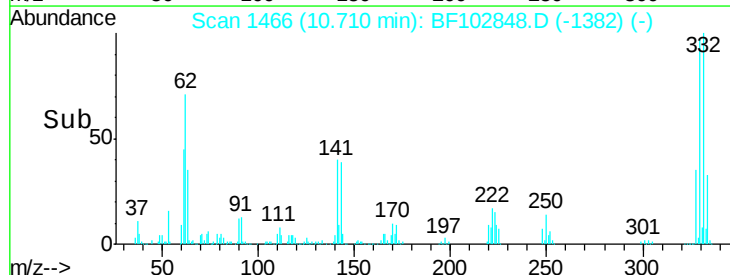
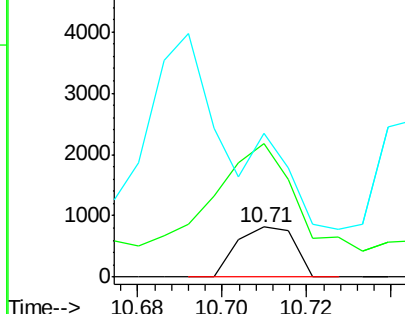


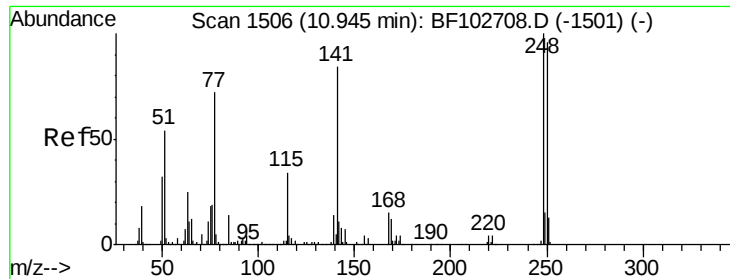
#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.055 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF102848.D
 Acq: 8 Feb 2018 11:42

Tgt Ion:198 Resp: 771
 Ion Ratio Lower Upper
 198 100
 51 266.0 37.7 77.7#
 105 285.9 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

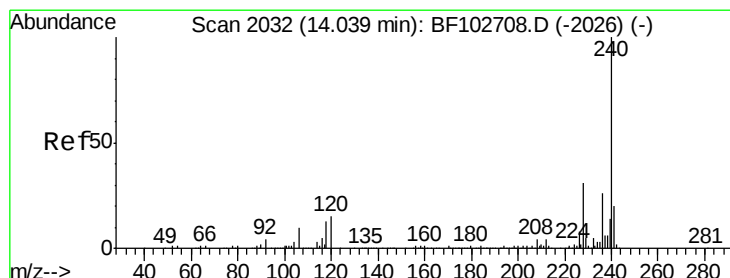
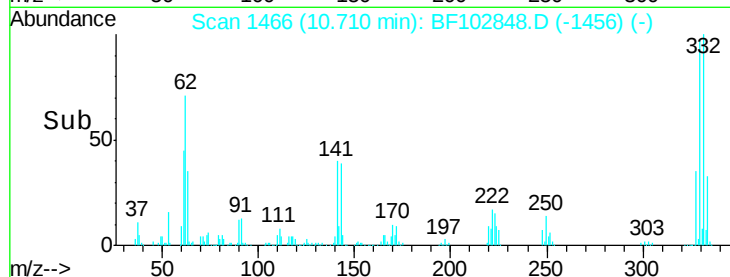
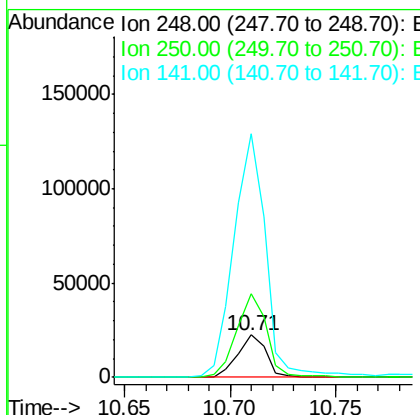
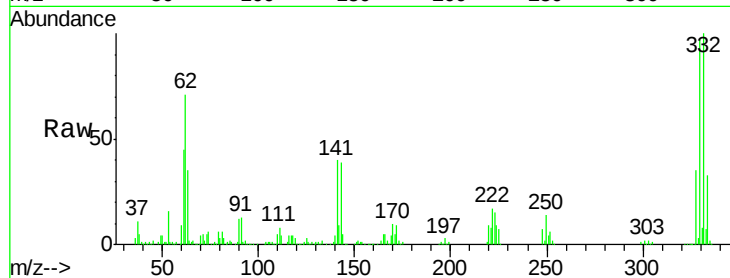




#66
 4-Bromophenyl-phenylether
 Concen: 3.077 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF102848.D
 Acq: 8 Feb 2018 11:42

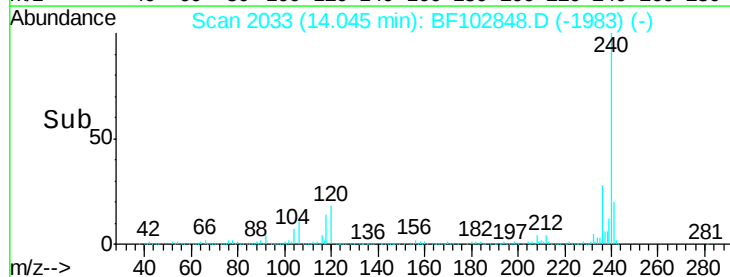
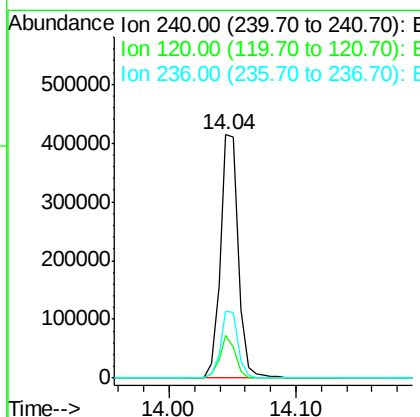
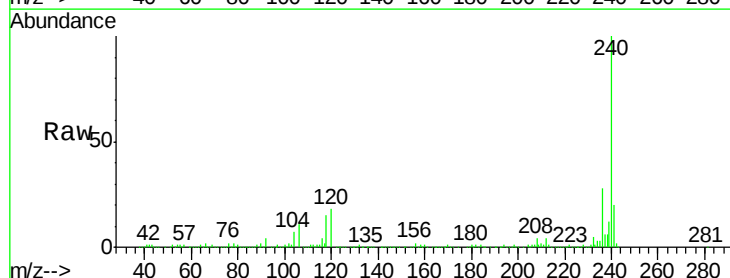
Instrument :
 BNA_F
 ClientSampleId :

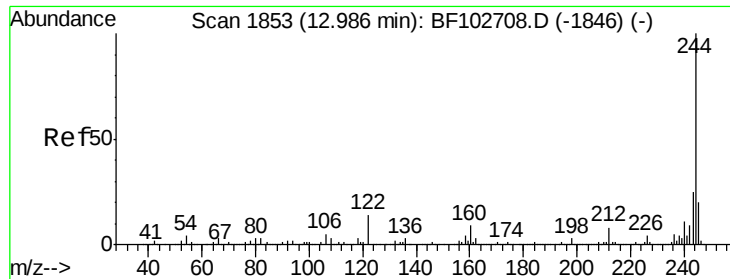
Tot Ion:248 Resp: 21206
 Ion Ratio Lower Upper
 248 100
 250 199.0 76.9 115.3#
 141 579.4 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF102848.D
 Acq: 8 Feb 2018 11:42

Tgt Ion:240 Resp: 411100
 Ion Ratio Lower Upper
 240 100
 120 17.6 9.5 14.3#
 236 27.5 20.7 31.1





#78

Terphenyl-d14

Concen: 75.587 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

Instrument :

BNA_F

ClientSampleId :

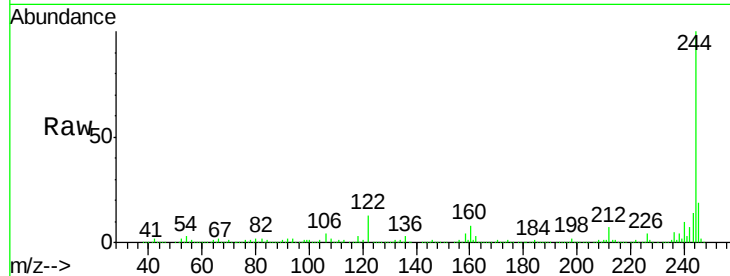
Tot Ion:244 Resp: 1312367

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

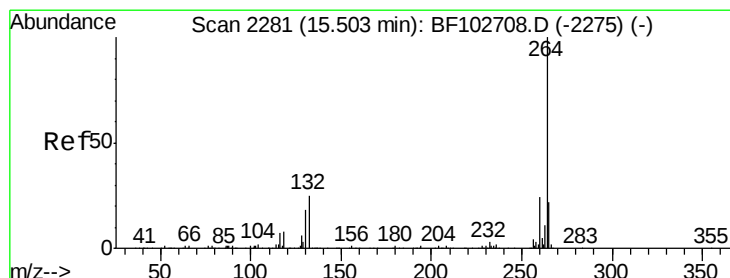
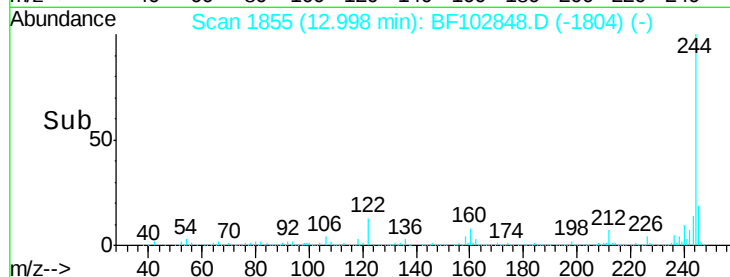
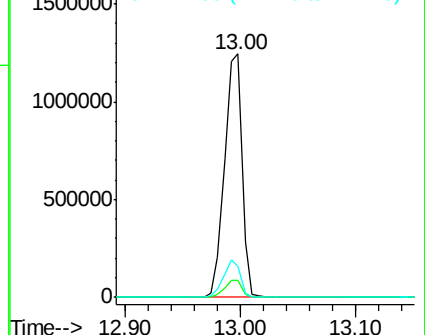
122 12.7 11.0 16.4



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: 15.53 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

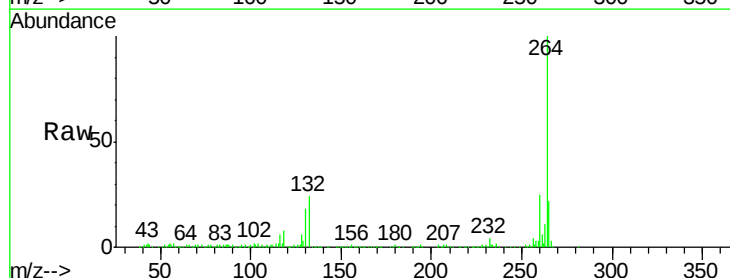
Tgt Ion:264 Resp: 355921

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 21.9 17.5 26.3



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

