

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
 Data File : BE090483.D
 Acq On : 13 Aug 2015 00:47
 Operator : UM/IZ
 Sample : G3251-04
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 13 02:31:06 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	19050	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	88447	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	52889	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	126383	5.00	ng	0.00
25) Chrysene-d12	21.09	240	143116	5.00	ng	0.00
32) Perylene-d12	23.40	264	128466	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	11617	4.06	ng	0.00
5) Phenol-d6	6.77	99	11166	1.99	ng	0.00
7) Nitrobenzene-d5	8.73	82	23743	3.37	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	11680	7.46	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	58939	4.05	ng	0.00
27) Terphenyl-d14	19.55	244	109354	5.19	ng	-0.01

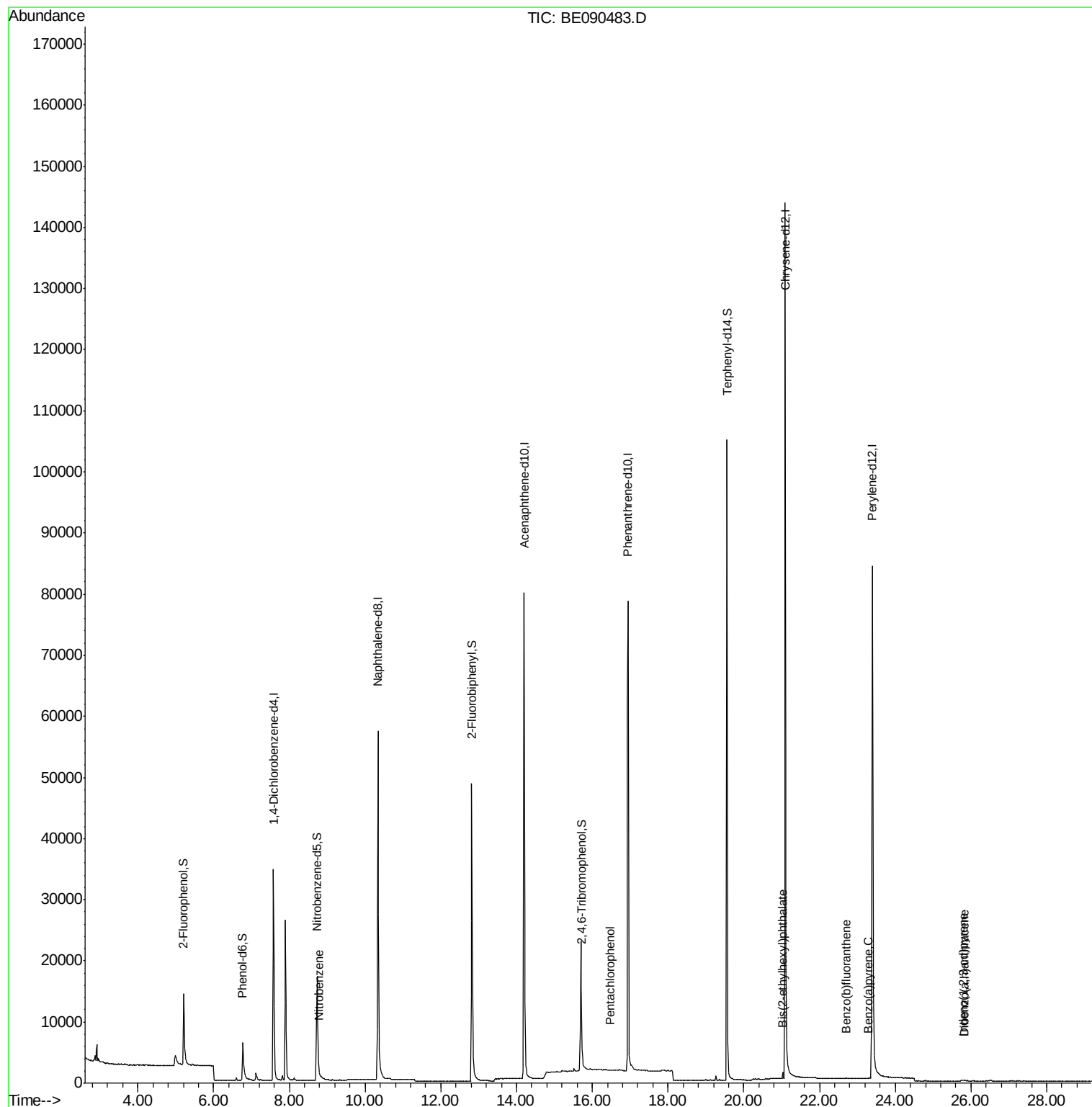
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	112	Below Cal	#	30
8) Nitrobenzene	8.78	77	7	0.21 ng	#	37
10) Hexachlorobutadiene	10.69	225	2	Below Cal	#	3
21) Pentachlorophenol	16.47	266	2	0.09 ng	#	66
30) Bis(2-ethylhexyl)phthalate	21.03	149	969	0.24 ng	#	96
31) Indeno(1,2,3-cd)pyrene	25.78	276	136	0.26 ng	#	71
33) Benzo(b)fluoranthene	22.70	252	96	0.20 ng	#	1
35) Benzo(a)pyrene	23.29	252	121	0.23 ng	#	1
36) Dibenzo(a,h)anthracene	25.81	278	52	0.29 ng	#	1

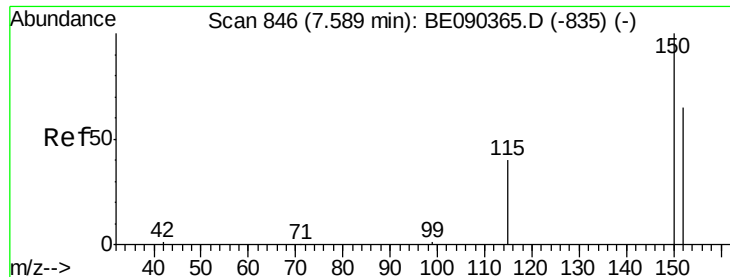
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
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Quant Time: Aug 13 02:31:06 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.01 min

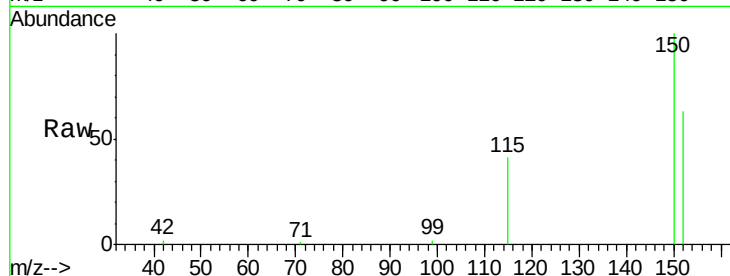
Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

Instrument :

BNA_E

ClientSampled :



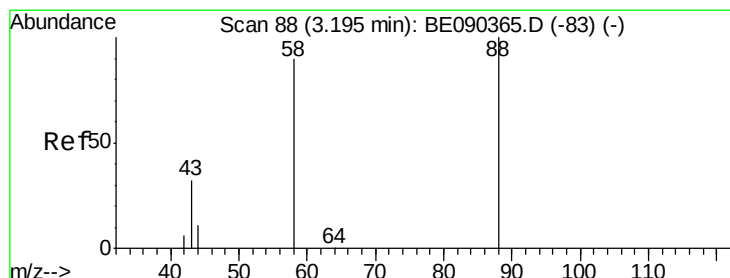
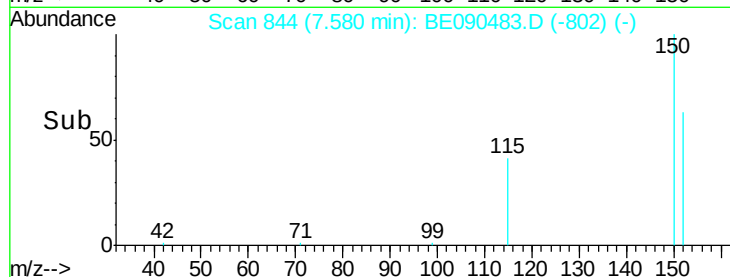
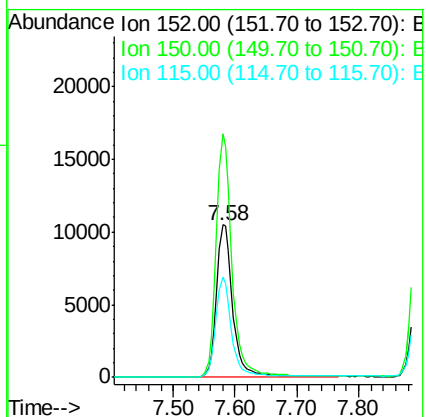
Tot Ion:152 Resp: 19050

Ion Ratio Lower Upper

152 100

150 159.6 123.0 184.4

115 65.7 48.9 73.3



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.19 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

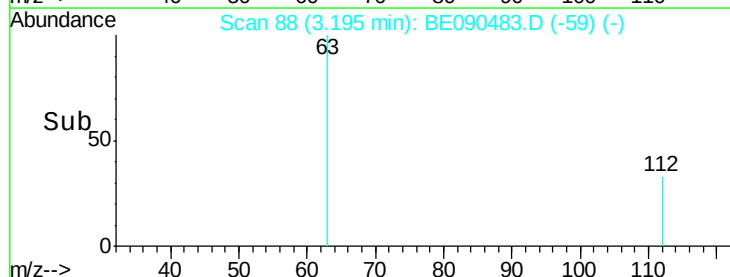
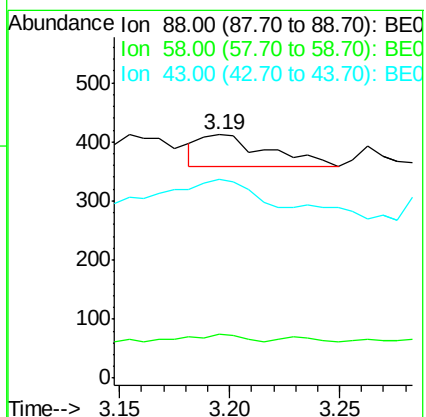
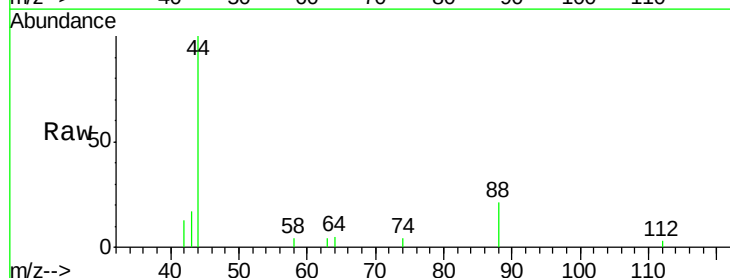
Tgt Ion: 88 Resp: 112

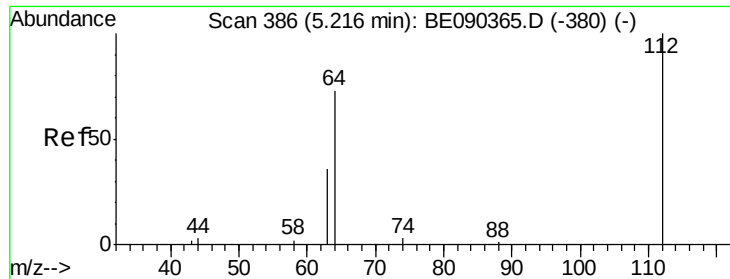
Ion Ratio Lower Upper

88 100

58 19.6 70.0 105.0#

43 0.0 28.4 42.6#





#4

2-Fluorophenol

Concen: 4.06 ng

RT: 5.22 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

Instrument :

BNA_E

ClientSampleId :

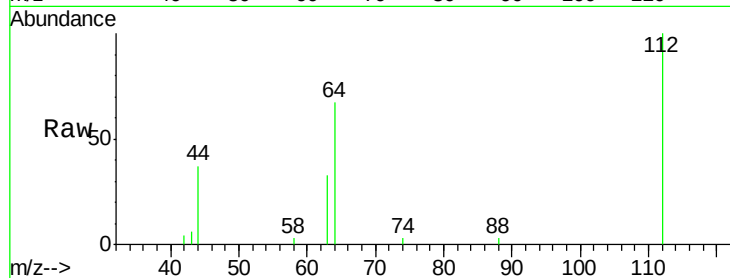
Tot Ion:112 Resp: 11617

Ion Ratio Lower Upper

112 100

64 71.6 37.1 55.7#

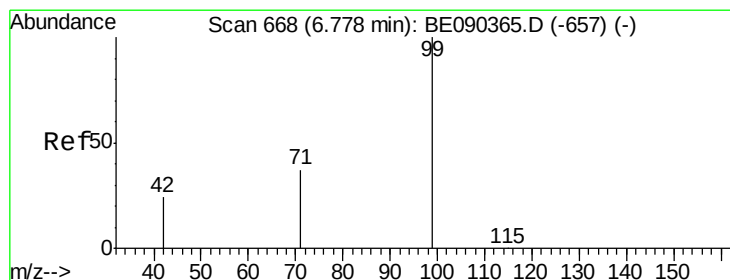
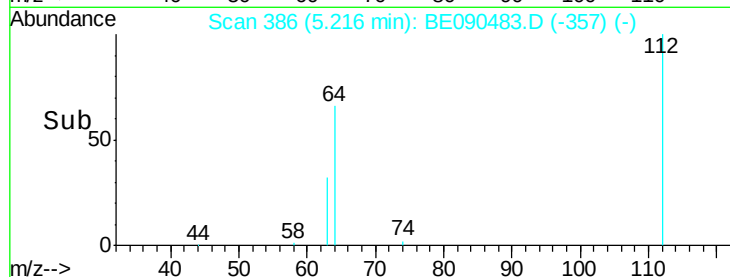
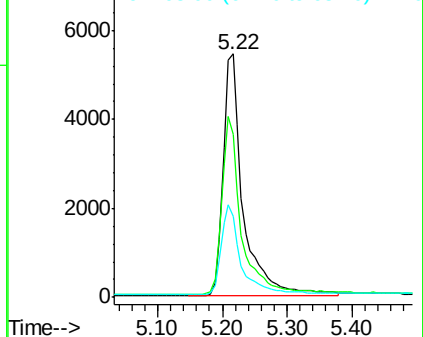
63 36.9 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 1.99 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

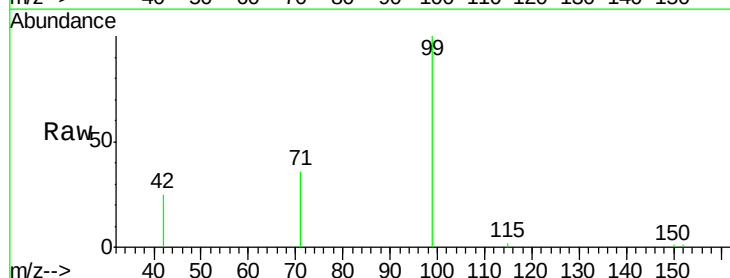
Tgt Ion: 99 Resp: 11166

Ion Ratio Lower Upper

99 100

42 22.3 18.2 27.4

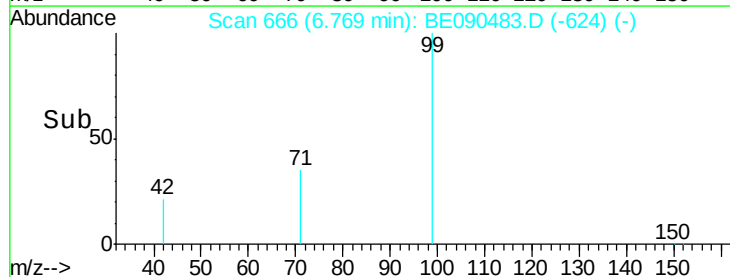
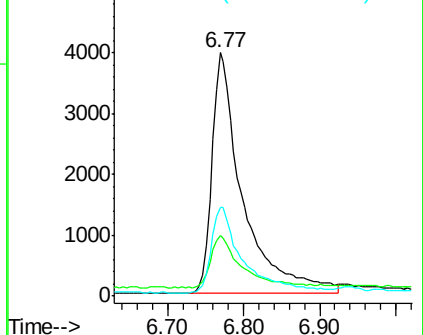
71 36.6 27.4 41.0

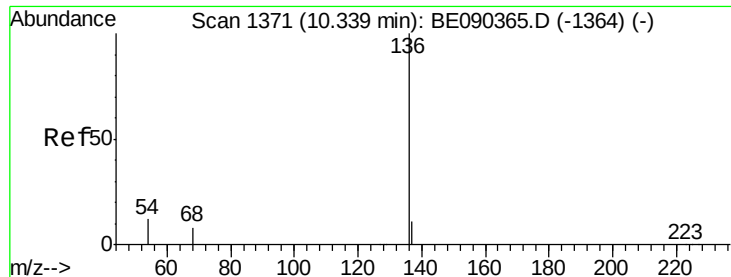


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 88447

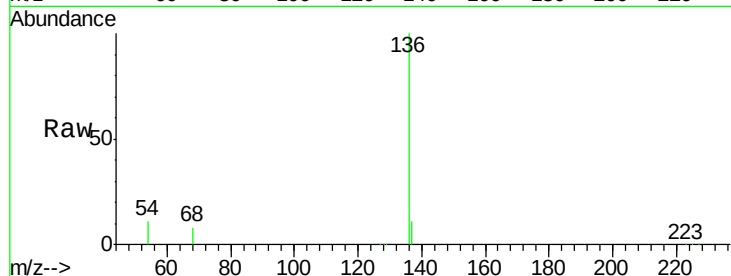
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.1	9.4	14.0
68	8.2	6.5	9.7

136 100

137 11.1 8.7 13.1

54 11.1 9.4 14.0

68 8.2 6.5 9.7

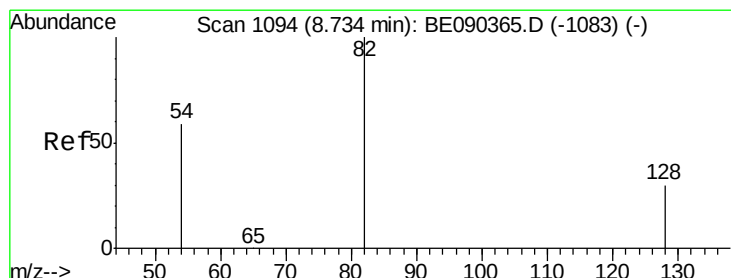
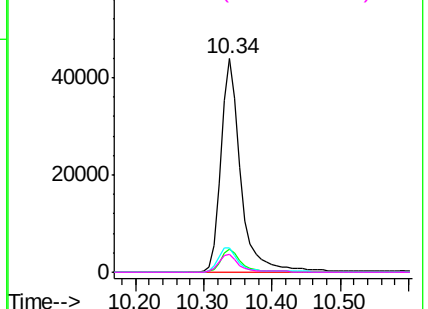
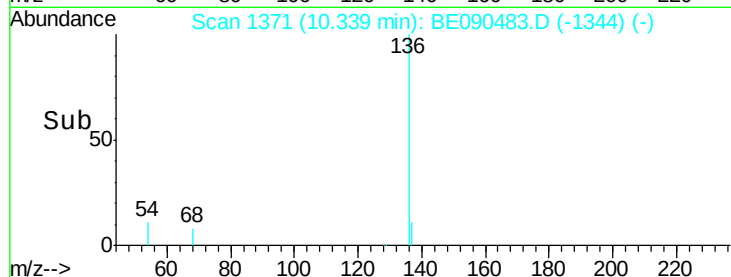


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#7

Nitrobenzene-d5

Concen: 3.37 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

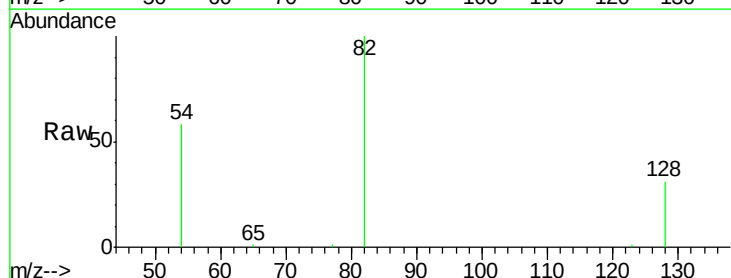
Tgt Ion: 82 Resp: 23743

Ion	Ratio	Lower	Upper
82	100		
128	30.8	25.0	37.6
54	57.9	48.8	73.2

82 100

128 30.8 25.0 37.6

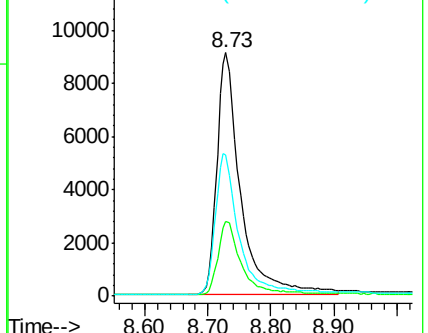
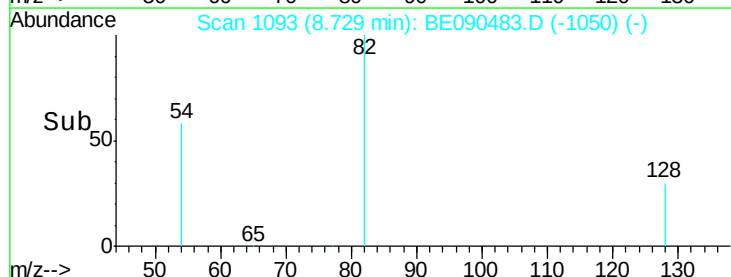
54 57.9 48.8 73.2

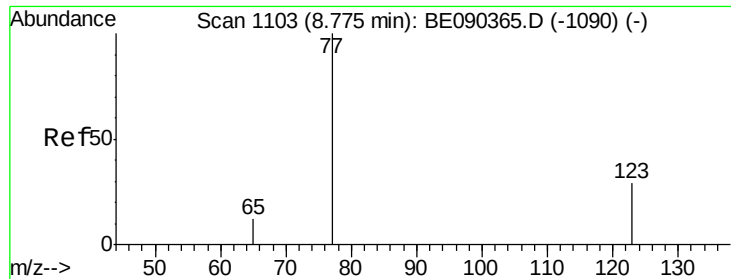


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene

Concen: 0.21 ng

RT: 8.78 min Scan# 1104

Delta R.T. 0.00 min

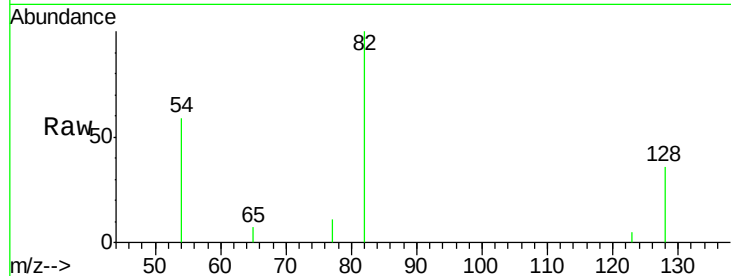
Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

Instrument :

BNA_E

ClientSampled :



Tot Ion: 77 Resp: 7

Ion Ratio Lower Upper

77 100

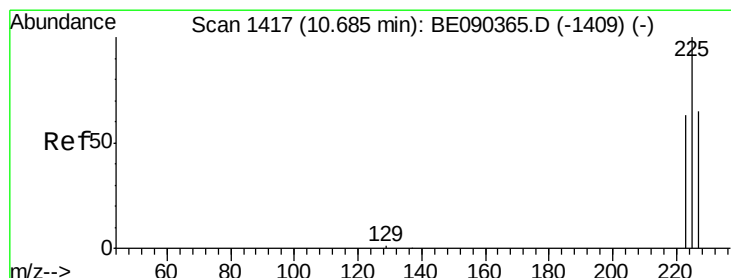
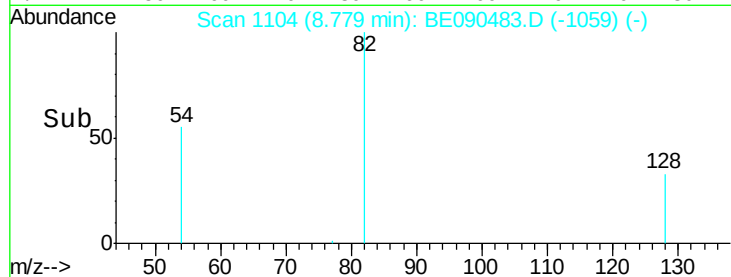
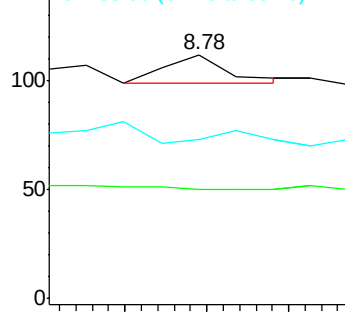
123 0.0 25.1 37.7#

65 42.9 9.3 13.9#

Abundance Ion 77.00 (76.70 to 77.70): BE090365.D (-1090) (-)

Ion 123.00 (122.70 to 123.70): BE090365.D (-1090) (-)

Ion 65.00 (64.70 to 65.70): BE090365.D (-1090) (-)



#10

Hexachlorobutadiene

Concen: Below Cal

RT: 10.69 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

Tgt Ion: 225 Resp: 2

Ion Ratio Lower Upper

225 100

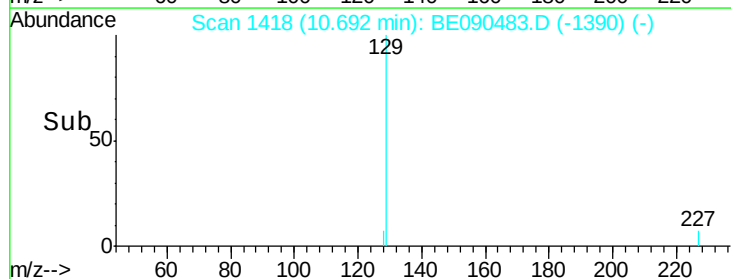
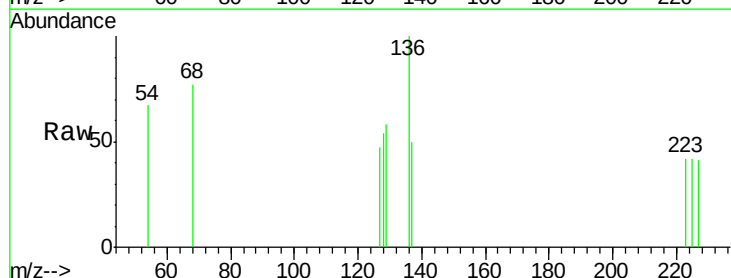
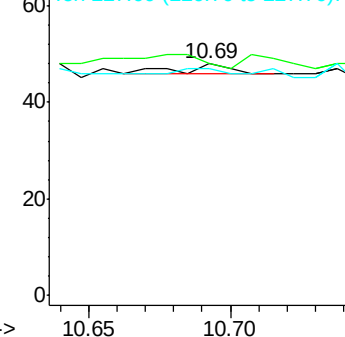
223 150.0 50.6 75.8#

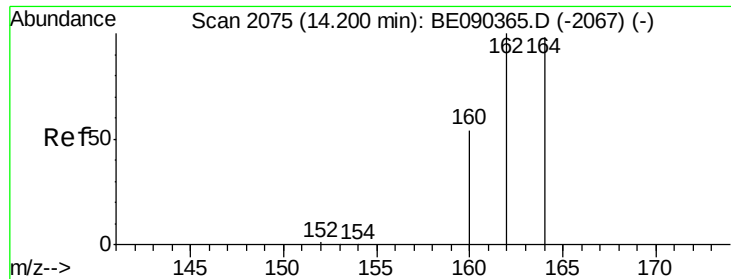
227 0.0 50.7 76.1#

Abundance Ion 225.00 (224.70 to 225.70): BE090365.D (-1409) (-)

Ion 223.00 (222.70 to 223.70): BE090365.D (-1409) (-)

Ion 227.00 (226.70 to 227.70): BE090365.D (-1409) (-)





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

Instrument :

BNA_E

ClientSampled :

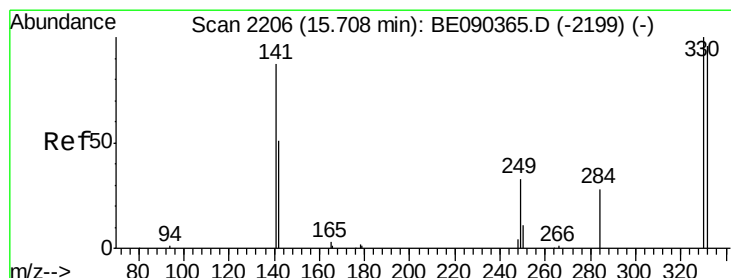
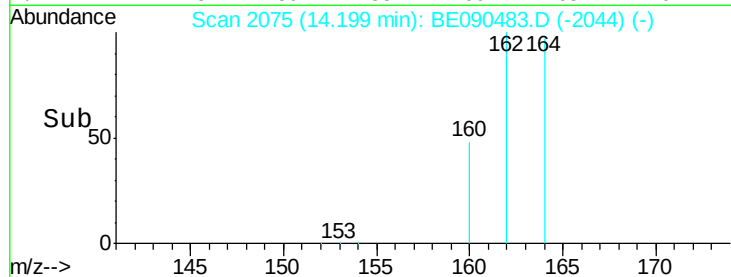
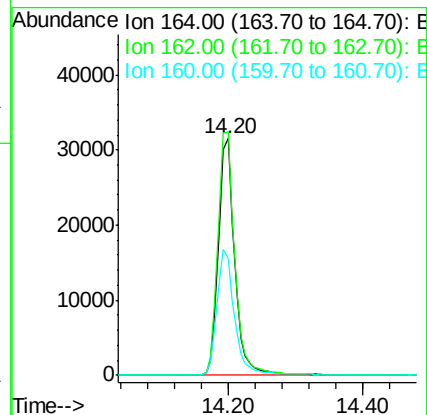
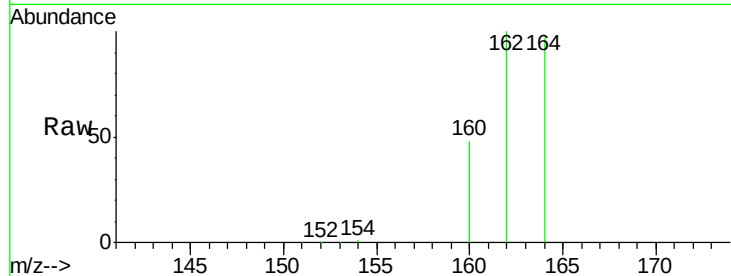
Tot Ion:164 Resp: 52889

Ion Ratio Lower Upper

164 100

162 102.8 81.8 122.8

160 49.3 44.2 66.4



#13

2,4,6-Tribromophenol

Concen: 7.46 ng

RT: 15.71 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

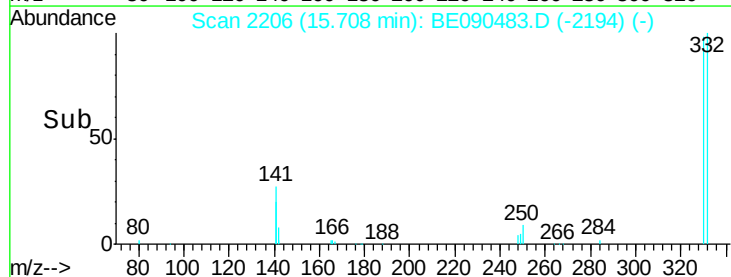
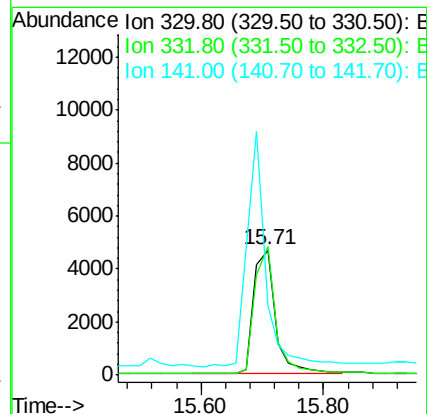
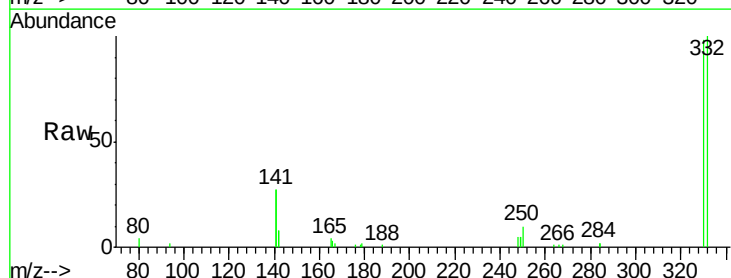
Tgt Ion:330 Resp: 11680

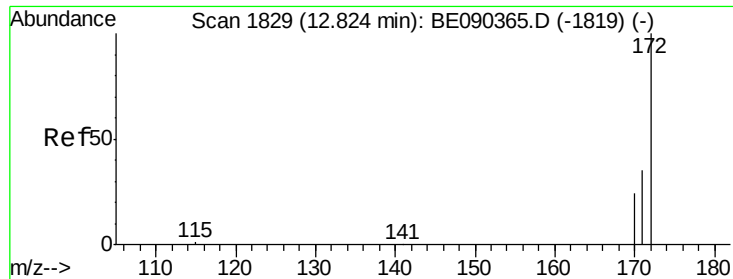
Ion Ratio Lower Upper

330 100

332 97.1 75.8 113.6

141 161.3 114.4 171.6

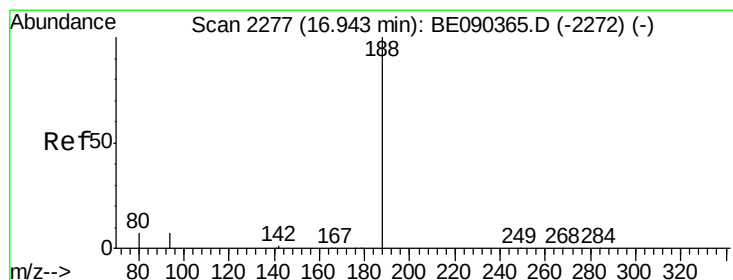
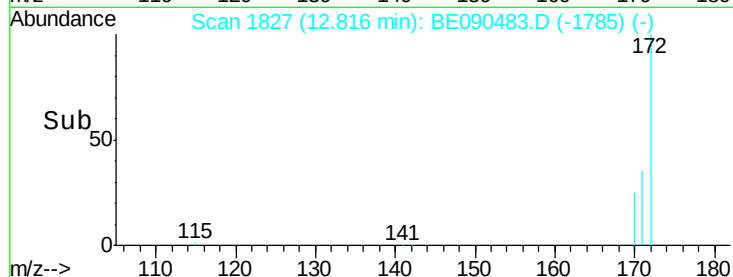
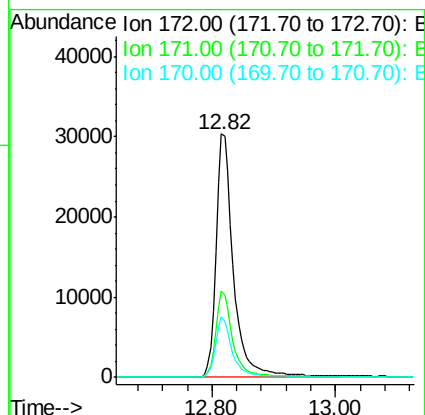
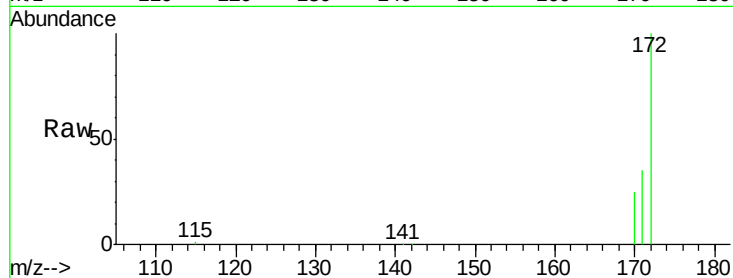




#14
2-Fluorobiphenyl
Concen: 4.05 ng
RT: 12.82 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BE090483.D
Acq: 13 Aug 2015 00:47

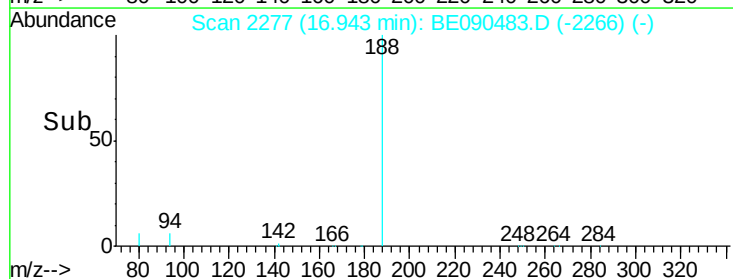
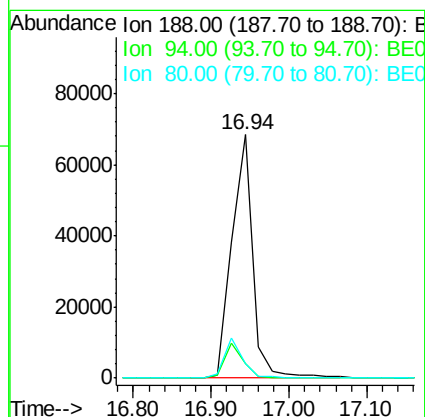
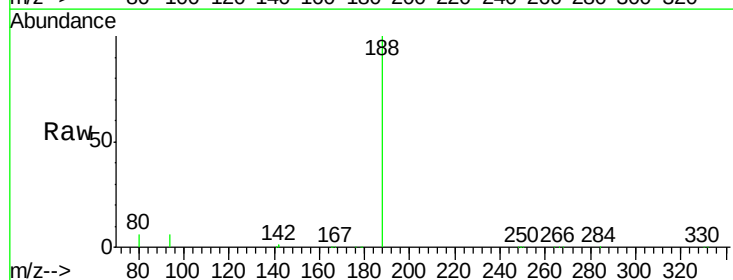
Instrument :
BNA_E
ClientSampleId :

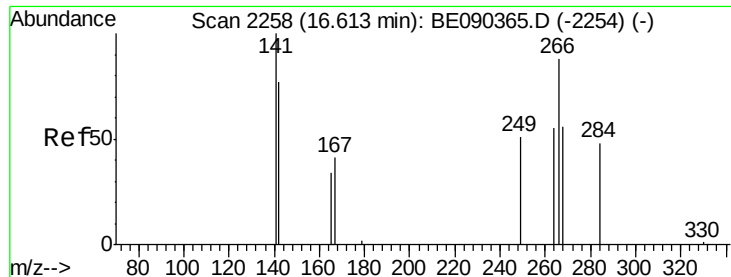
Tot Ion:172 Resp: 58939
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 24.6 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090483.D
Acq: 13 Aug 2015 00:47

Tgt Ion:188 Resp: 126383
Ion Ratio Lower Upper
188 100
94 5.8 5.7 8.5
80 5.9 5.8 8.8

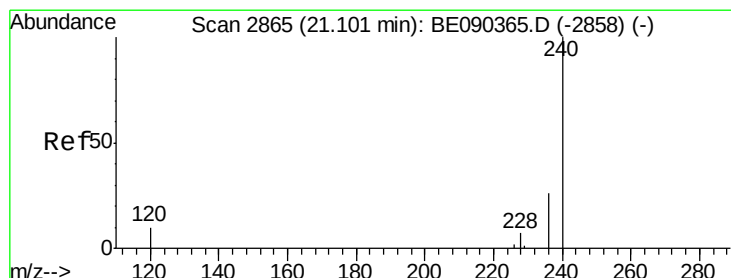
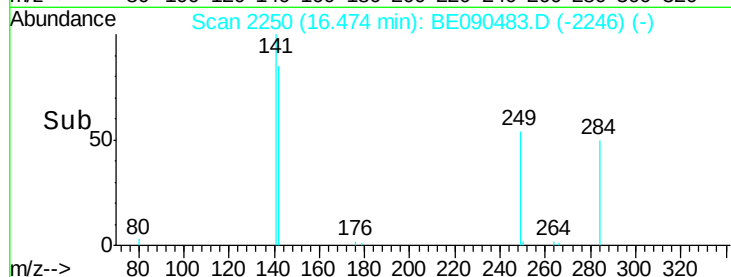
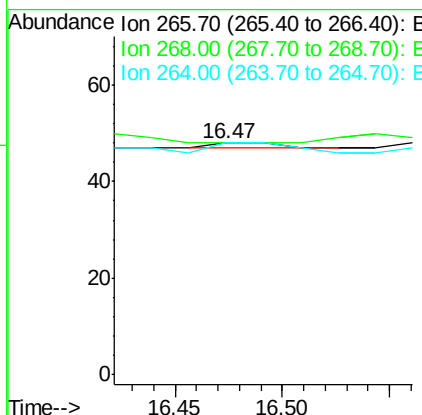
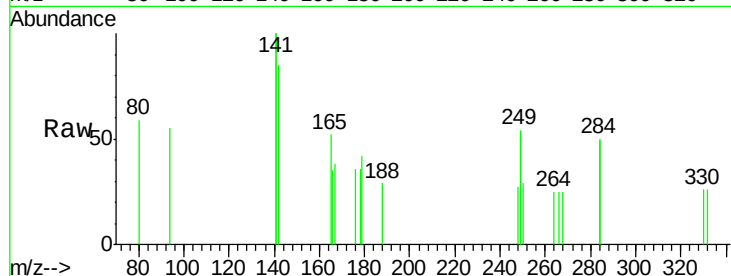




#21
 Pentachlorophenol
 Concen: 0.09 ng
 RT: 16.47 min Scan# 2250
 Delta R.T. -0.14 min
 Lab File: BE090483.D
 Acq: 13 Aug 2015 00:47

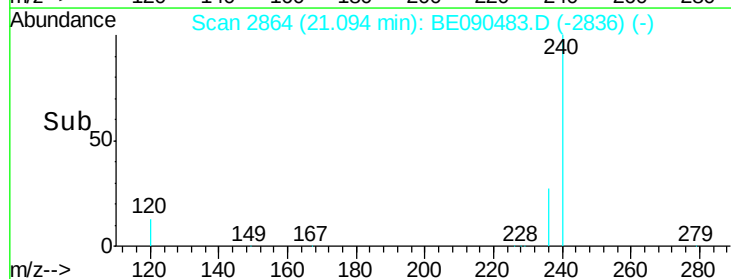
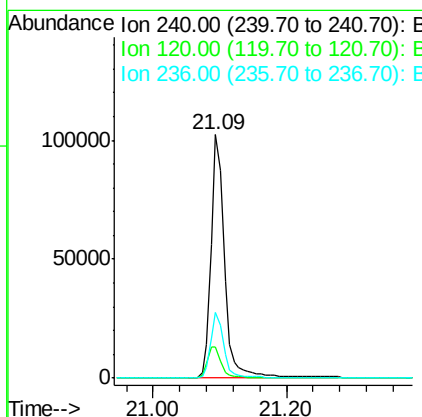
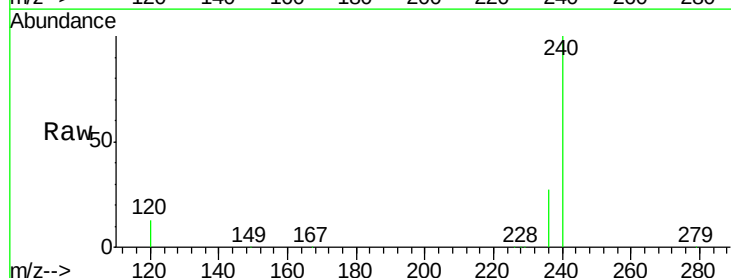
Instrument :
 BNA_E
 ClientSampled :

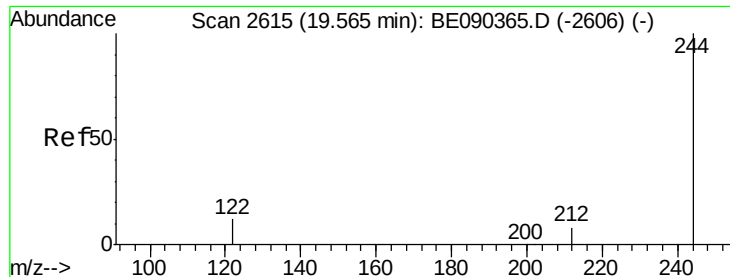
Tot Ion:266 Resp: 2
 Ion Ratio Lower Upper
 266 100
 268 100.0 58.5 87.7#
 264 100.0 56.0 84.0#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BE090483.D
 Acq: 13 Aug 2015 00:47

Tgt Ion:240 Resp: 143116
 Ion Ratio Lower Upper
 240 100
 120 12.7 8.3 12.5#
 236 27.0 21.0 31.4

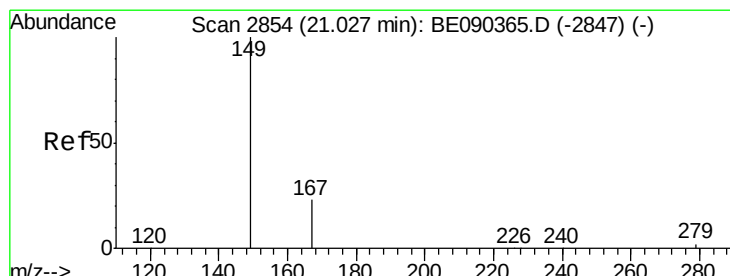
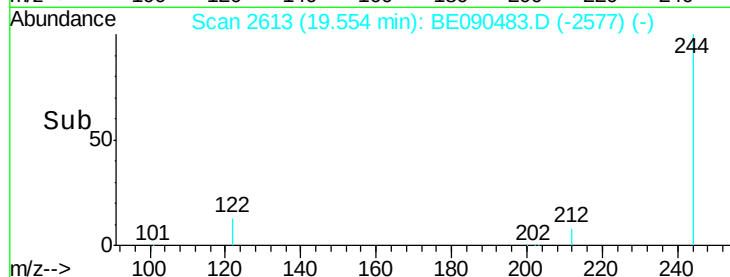
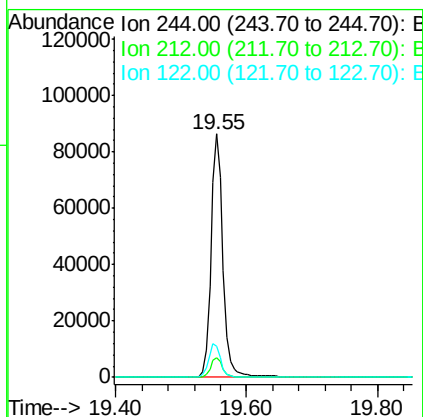
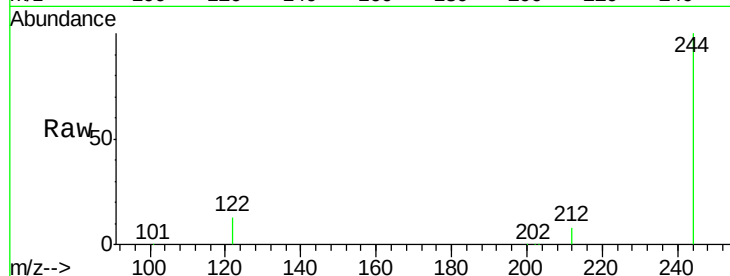




#27
 Terphenyl-d14
 Concen: 5.19 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BE090483.D
 Acq: 13 Aug 2015 00:47

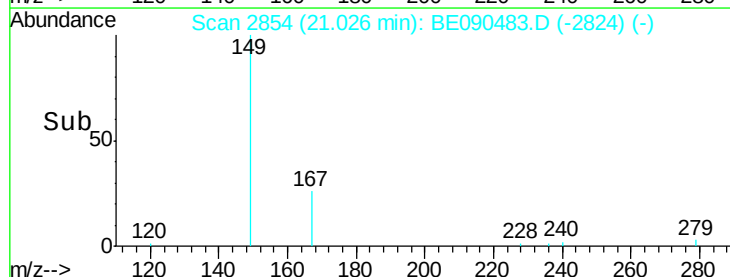
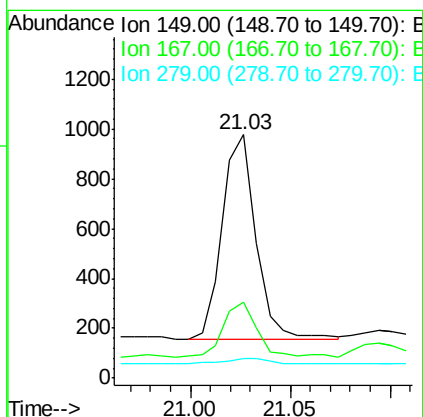
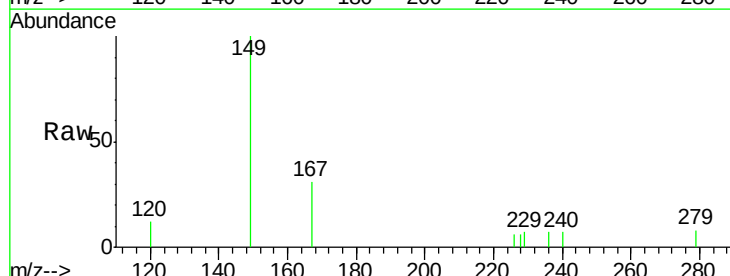
Instrument :
 BNA_E
 ClientSampled :

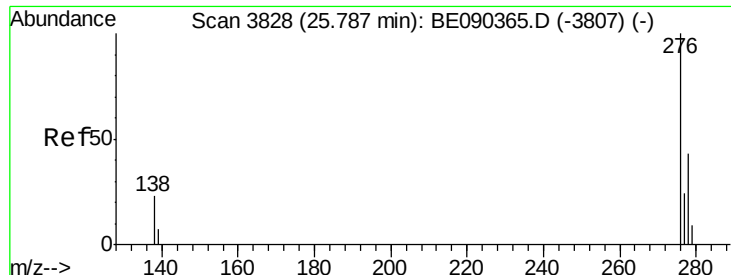
Tot Ion:244 Resp: 109354
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 12.9 10.2 15.4



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.24 ng
 RT: 21.03 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BE090483.D
 Acq: 13 Aug 2015 00:47

Tgt Ion:149 Resp: 969
 Ion Ratio Lower Upper
 149 100
 167 26.9 19.8 29.8
 279 4.0 2.4 3.6#





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.26 ng

RT: 25.78 min Scan# 3827

Delta R.T. -0.00 min

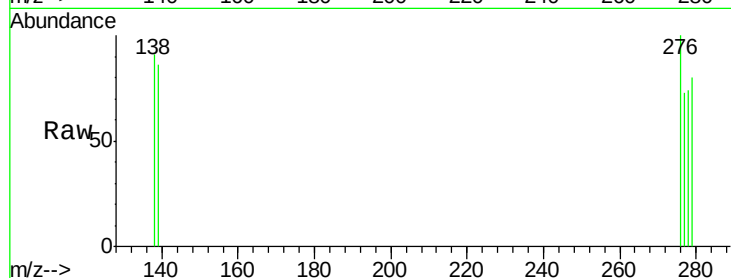
Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

Instrument :

BNA_E

ClientSampleId :



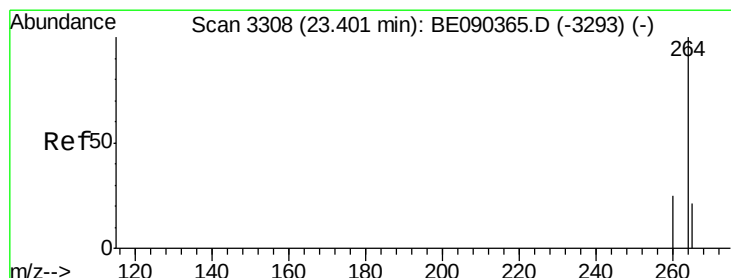
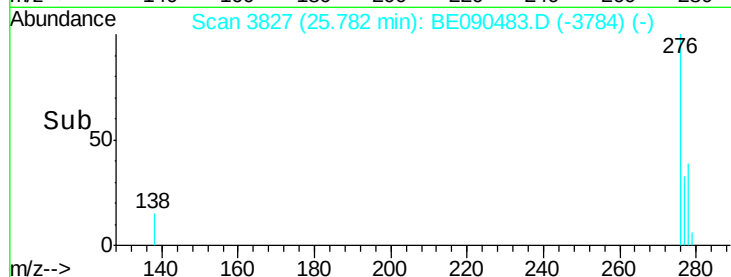
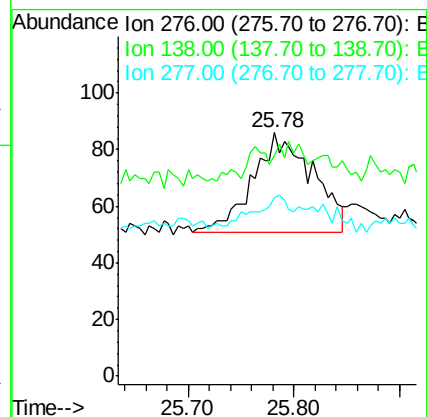
Tot Ion:276 Resp: 136

Ion Ratio Lower Upper

276 100

138 2.2 18.8 28.2#

277 16.2 18.2 27.4#



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3307

Delta R.T. -0.00 min

Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

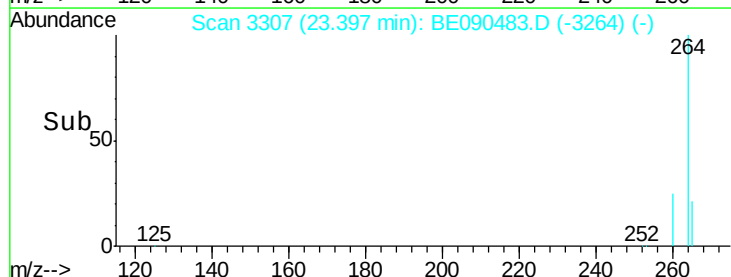
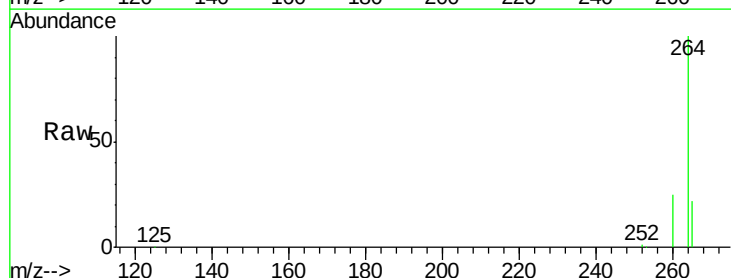
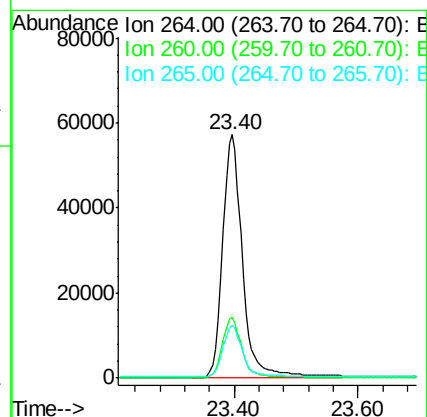
Tgt Ion:264 Resp: 128466

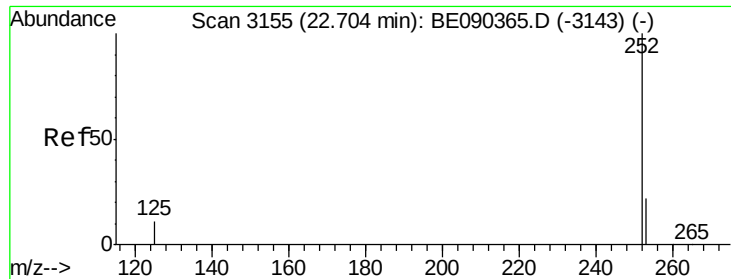
Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 21.7 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 0.20 ng

RT: 22.70 min Scan# 3155

Delta R.T. 0.00 min

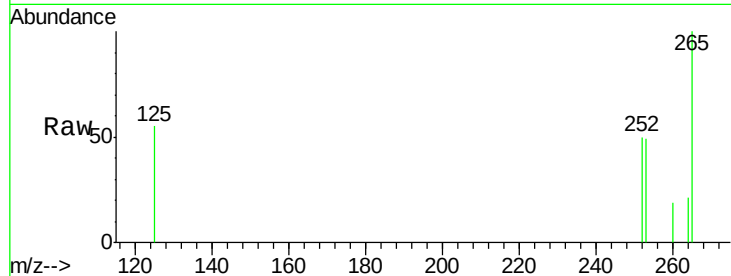
Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

Instrument :

BNA_E

ClientSampleId :



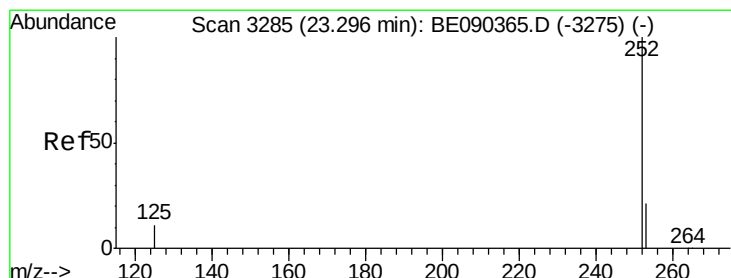
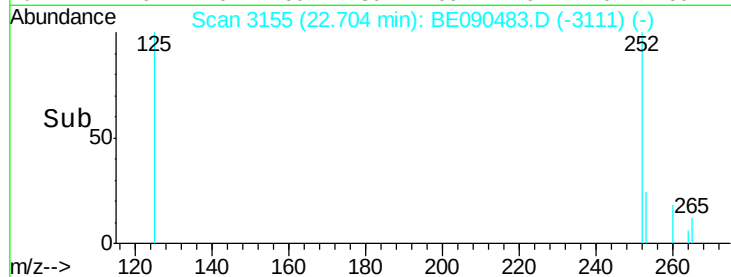
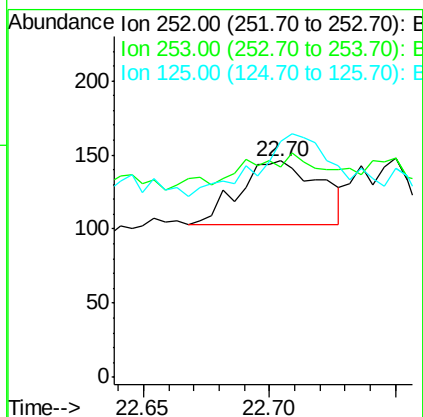
Tot Ion:252 Resp: 96

Ion Ratio Lower Upper

252 100

253 97.3 18.1 27.1#

125 108.9 9.4 14.2#



#35

Benzo(a)pyrene

Concen: 0.23 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.00 min

Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

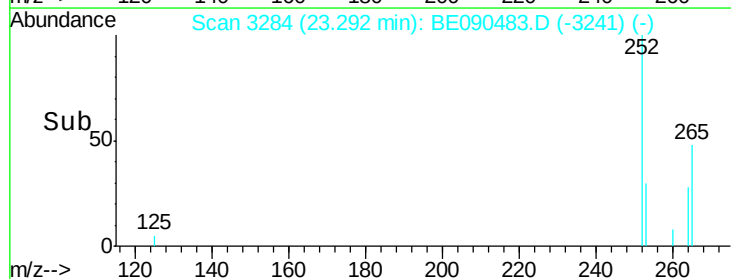
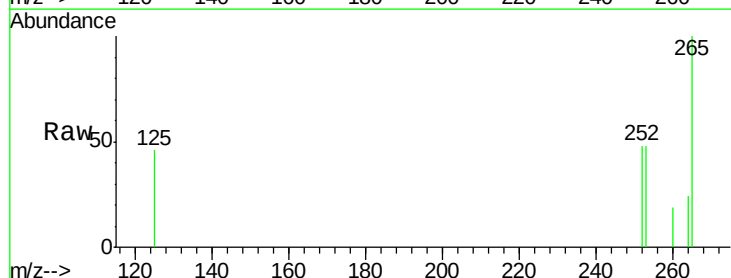
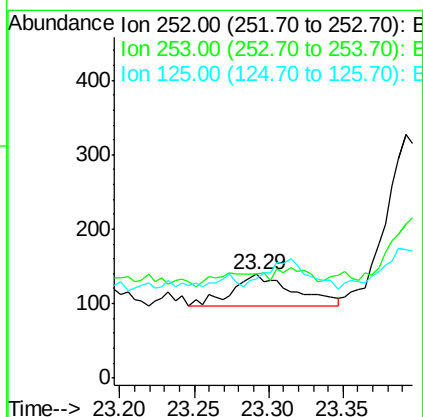
Tgt Ion:252 Resp: 121

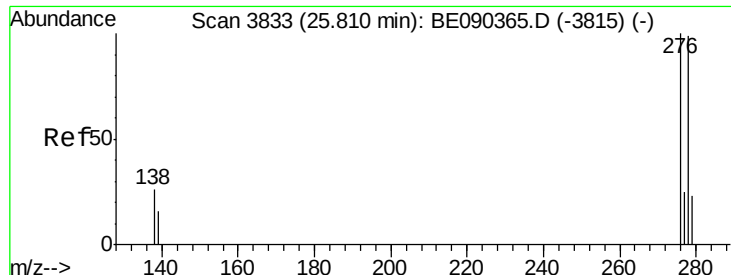
Ion Ratio Lower Upper

252 100

253 100.0 17.6 26.4#

125 95.7 9.8 14.6#





#36

Dibenzo(a,h)anthracene

Concen: 0.29 ng

RT: 25.81 min Scan# 3833

Delta R.T. 0.00 min

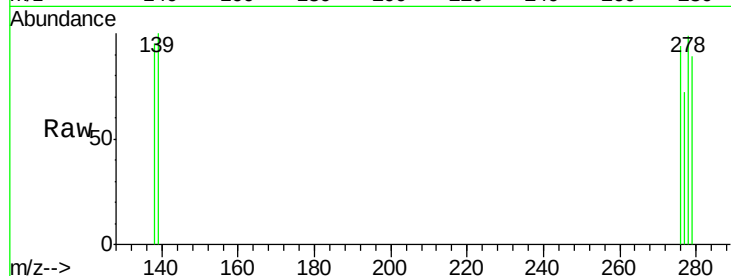
Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

Instrument :

BNA_E

ClientSampleId :



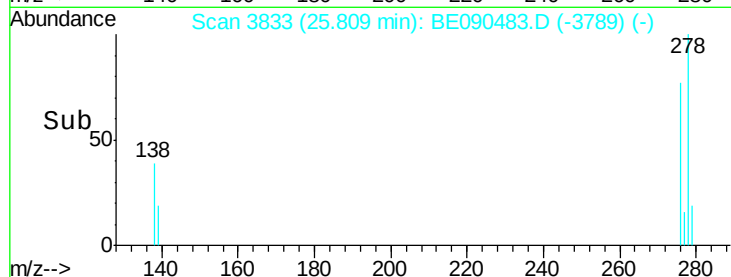
Tot Ion: 278 Resp: 52

Ion Ratio Lower Upper

278 100

139 101.2 14.2 21.4#

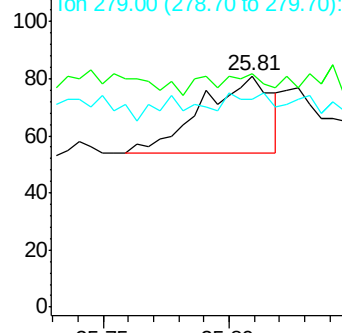
279 90.1 20.1 30.1#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->