

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
 Data File : BE099659.D
 Acq On : 20 May 2019 11:15
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 20 15:44:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 15:39:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1598	0.40	ng	0.01
7) Naphthalene-d8	10.64	136	5577	0.40	ng	0.03
13) Acenaphthene-d10	14.50	164	3808	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	12222	0.40	ng	0.01
27) Chrysene-d12	21.43	240	18325	0.40	ng	0.01
34) Perylene-d12	23.97	264	20644	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	380	0.08	ng	0.02
5) Phenol-d6	7.00	99	486	0.08	ng	0.02
8) Nitrobenzene-d5	9.00	82	363	0.07	ng	0.03
11) 2-Methylnaphthalene-d10	12.24	152	914	0.10	ng	0.01
14) 2,4,6-Tribromophenol	16.00	330	156	0.06	ng	0.01
15) 2-Fluorobiphenyl	13.13	172	1412	0.10	ng	0.03
25) Fluoranthene-d10	19.28	212	15513	0.10	ng	0.01
29) Terphenyl-d14	19.87	244	2991	0.09	ng	0.00

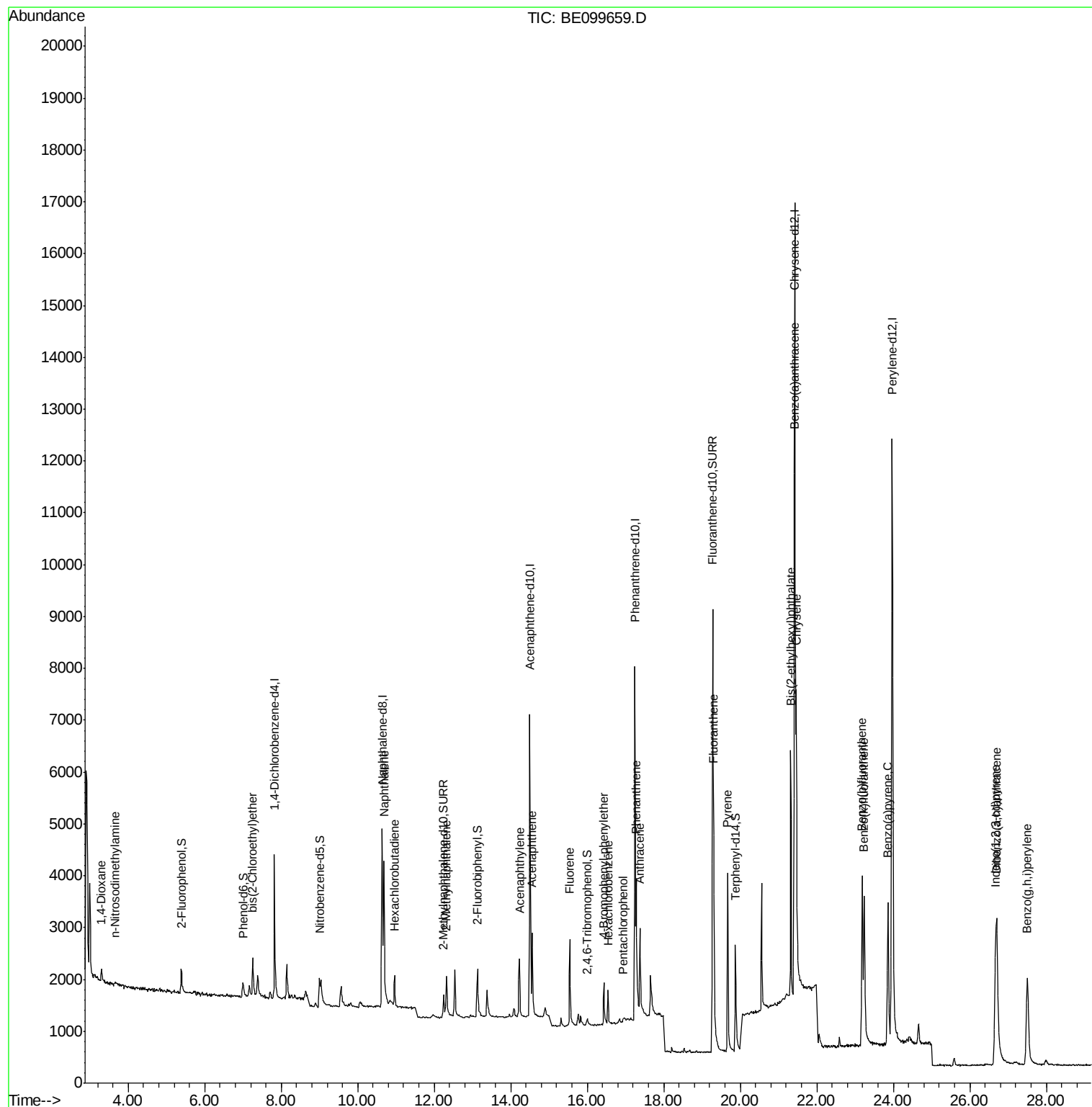
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	291	0.123	ng	92
3) n-Nitrosodimethylamine	3.66	42	93	0.062	ng	# 100
6) bis(2-Chloroethyl)ether	7.25	93	468	0.097	ng	81
9) Naphthalene	10.69	128	5773	0.097	ng	# 97
10) Hexachlorobutadiene	10.97	225	432	0.100	ng	97
12) 2-Methylnaphthalene	12.31	142	847	0.086	ng	# 92
16) Acenaphthylene	14.23	152	1603	0.089	ng	98
17) Acenaphthene	14.56	154	891	0.088	ng	95
18) Fluorene	15.54	166	1327	0.091	ng	98
20) 4-Bromophenyl-phenylether	16.44	248	594	0.084	ng	# 94
21) Hexachlorobenzene	16.55	284	650	0.094	ng	99
22) Pentachlorophenol	16.95	266	97	0.035	ng	# 82
23) Phenanthrene	17.28	178	2747	0.091	ng	97
24) Anthracene	17.38	178	2217	0.079	ng	97
26) Fluoranthene	19.30	202	4292	0.094	ng	100
28) Pyrene	19.67	202	4306	0.092	ng	99
30) Benzo(a)anthracene	21.41	228	4725	0.085	ng	98
31) Chrysene	21.46	228	5274	0.092	ng	98
32) Bis(2-ethylhexyl)phthalate	21.32	149	6329	0.074	ng	100
33) Indeno(1,2,3-cd)pyrene	26.67	276	6093	0.086	ng	97
35) Benzo(b)fluoranthene	23.19	252	5135	0.089	ng	# 83
36) Benzo(k)fluoranthene	23.24	252	5658	0.099	ng	# 90
37) Benzo(a)pyrene	23.86	252	5126	0.092	ng	# 84
38) Dibenzo(a,h)anthracene	26.70	278	5123	0.088	ng	# 87
39) Benzo(g,h,i)perylene	27.50	276	5305	0.091	ng	# 96

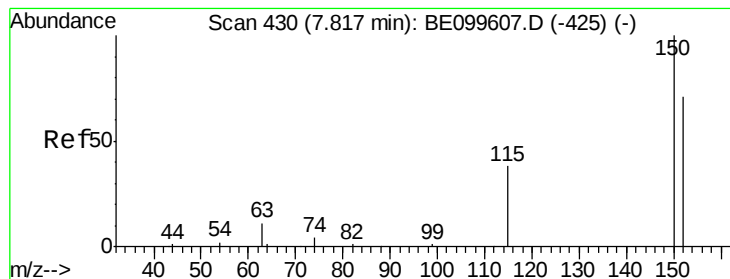
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
ClientSampled :

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

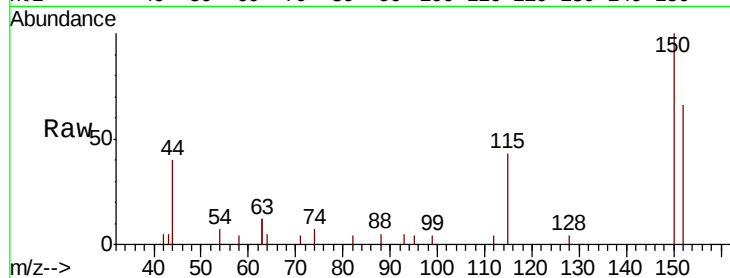
Tot Ion:152 Resp: 1598

Ion Ratio Lower Upper

152 100

150 151.0 109.2 163.8

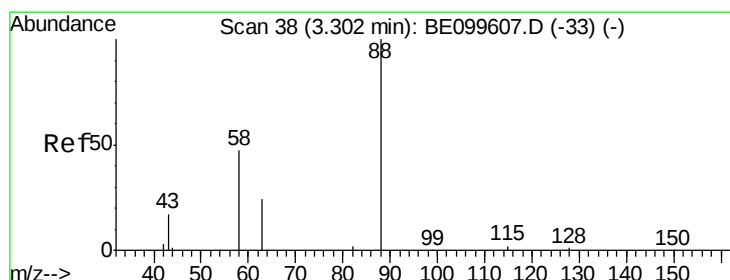
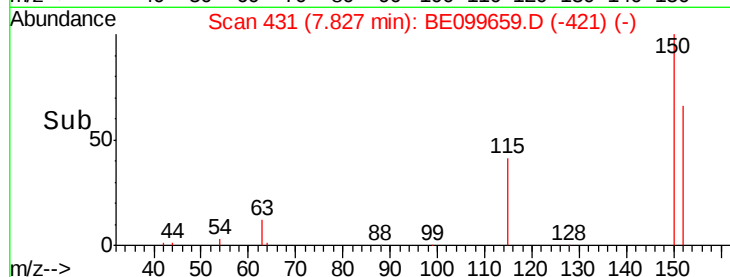
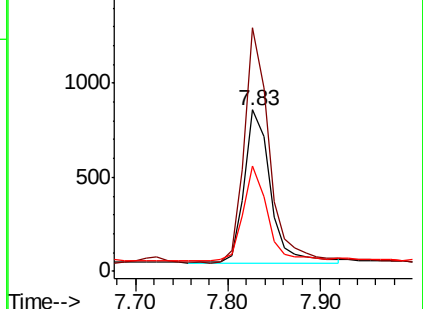
115 65.6 43.7 65.5#



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: 0.123 ng

RT: 3.30 min Scan# 38

Delta R.T. 0.00 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

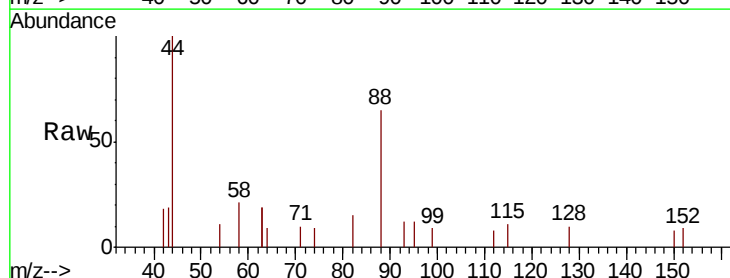
Tgt Ion: 88 Resp: 291

Ion Ratio Lower Upper

88 100

58 45.0 41.8 62.8

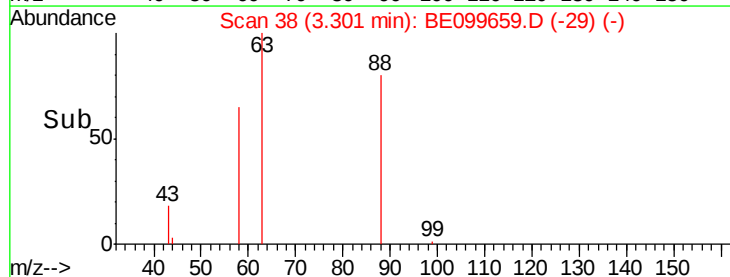
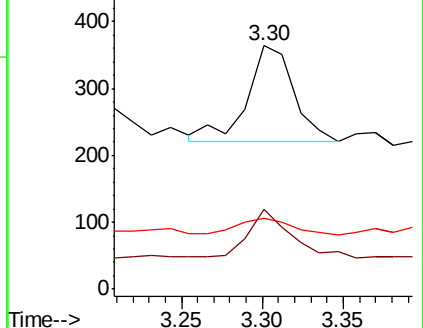
43 19.6 15.0 22.4

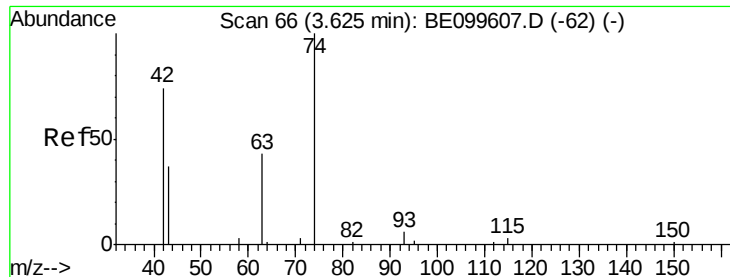


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



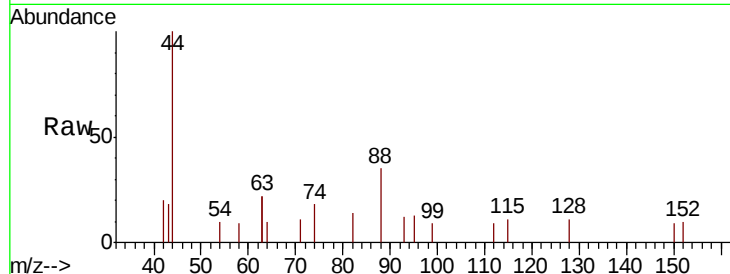


#3

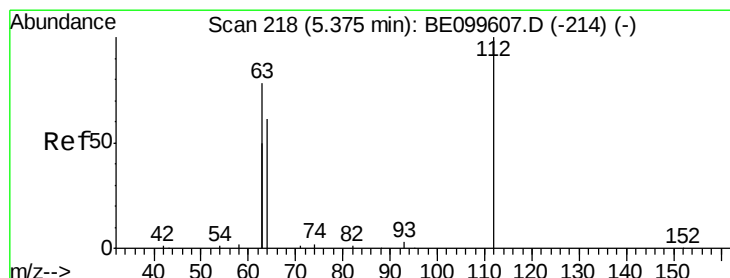
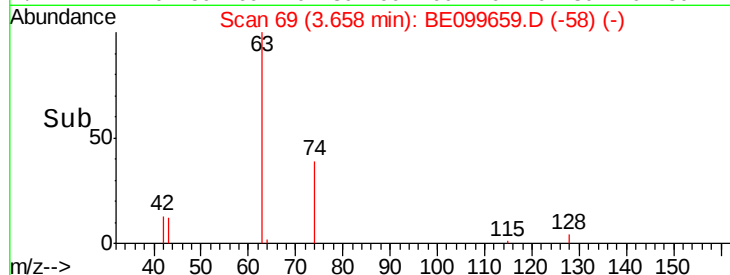
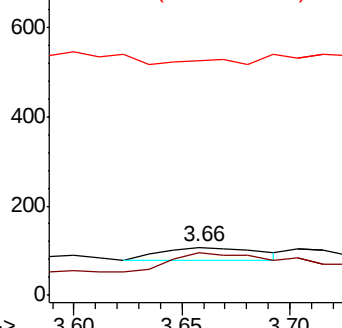
n-Nitrosodimethylamine
 Concen: 0.062 ng
 RT: 3.66 min Scan# 69
 Delta R.T. 0.02 min
 Lab File: BE099659.D
 Acq: 20 May 2019 11:15

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 93
 Ion Ratio Lower Upper
 42 100
 74 160.2 128.4 192.6
 44 0.0 0.0 0.0



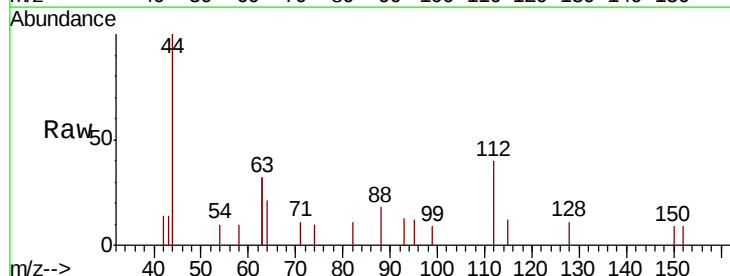
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



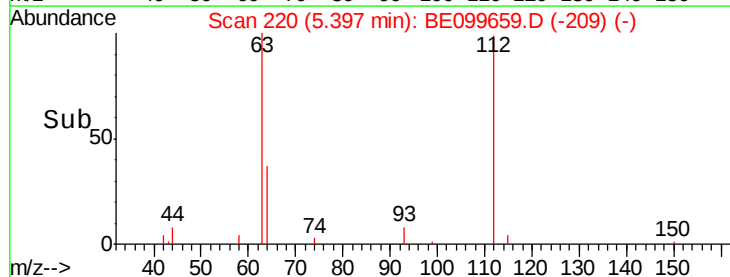
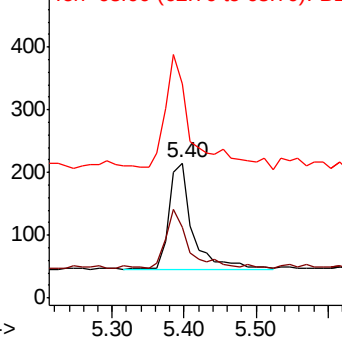
#4

2-Fluorophenol
 Concen: 0.084 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.02 min
 Lab File: BE099659.D
 Acq: 20 May 2019 11:15

Tgt Ion: 112 Resp: 380
 Ion Ratio Lower Upper
 112 100
 64 50.8 43.4 65.2
 63 125.8 96.9 145.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.085 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.02 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampled :

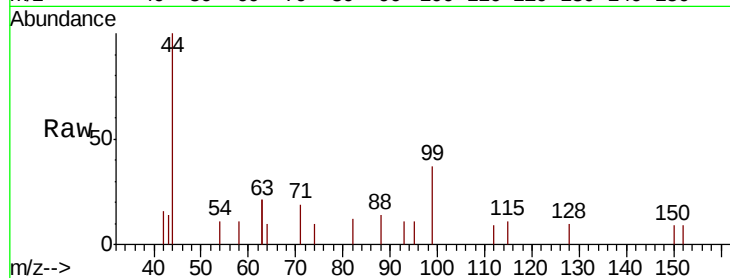
Tot Ion: 99 Resp: 486

Ion Ratio Lower Upper

99 100

42 15.8 12.2 18.2

71 31.1 28.9 43.3



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

7.00

200

150

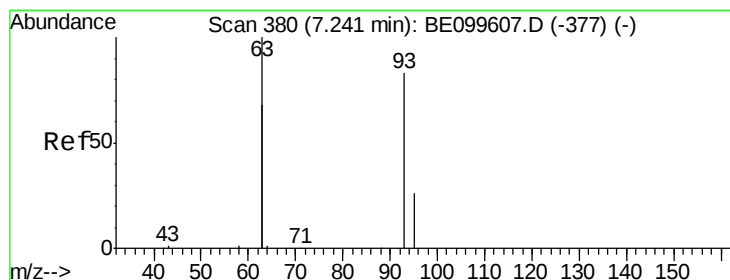
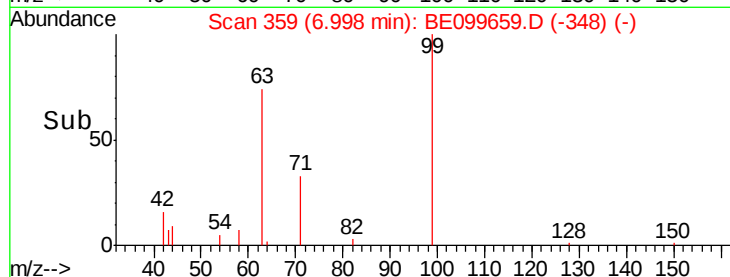
100

50

0

6.80 6.90 7.00 7.10 7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.097 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

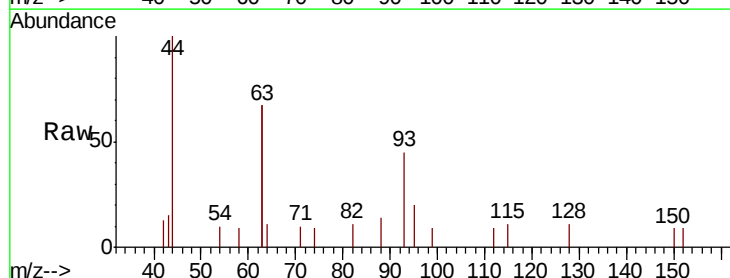
Tgt Ion: 93 Resp: 468

Ion Ratio Lower Upper

93 100

63 224.1 207.8 311.6

95 36.5 25.9 38.9



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

7.25

800

600

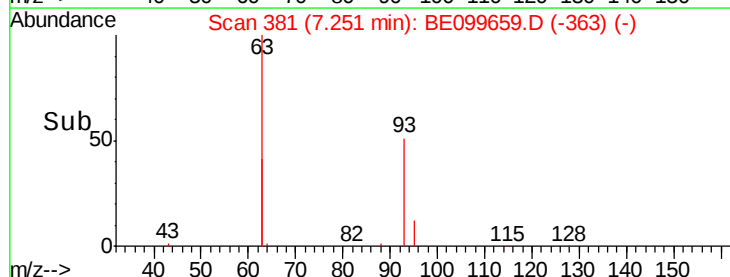
400

200

0

7.20 7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.64 min Scan# 652

Delta R.T. 0.03 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5577

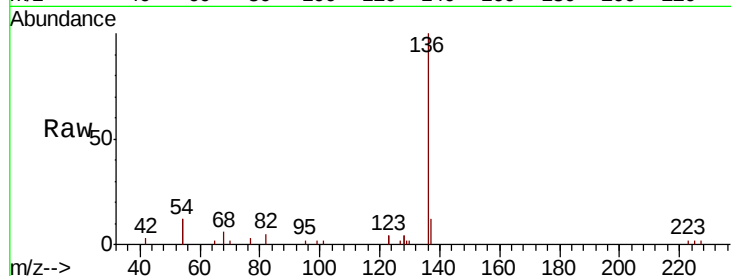
Ion Ratio Lower Upper

136 100

137 12.1 9.0 13.6

54 23.0 22.3 33.5

68 6.0 6.0 9.0#

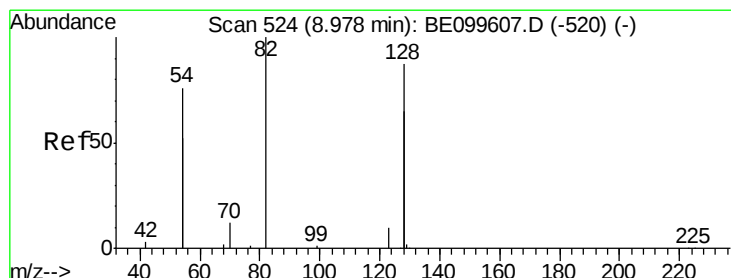
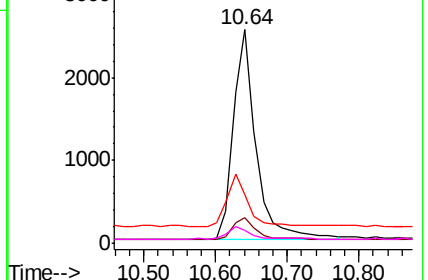
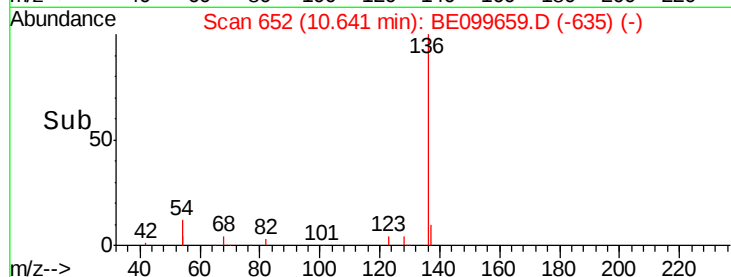


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.067 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.03 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

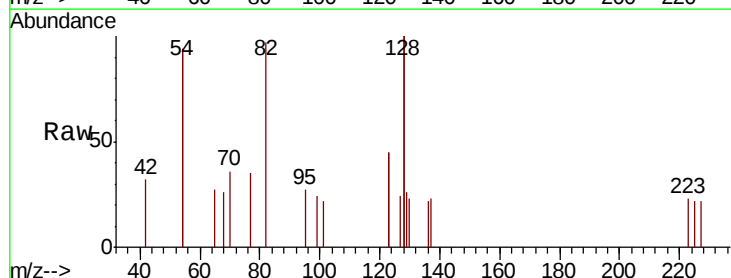
Tgt Ion: 82 Resp: 363

Ion Ratio Lower Upper

82 100

128 207.1 117.7 176.5#

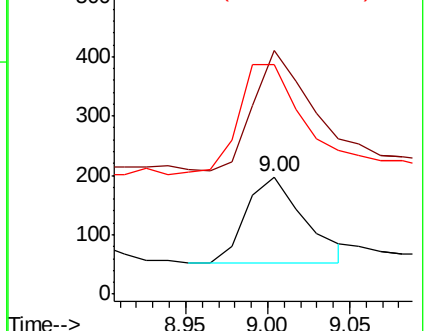
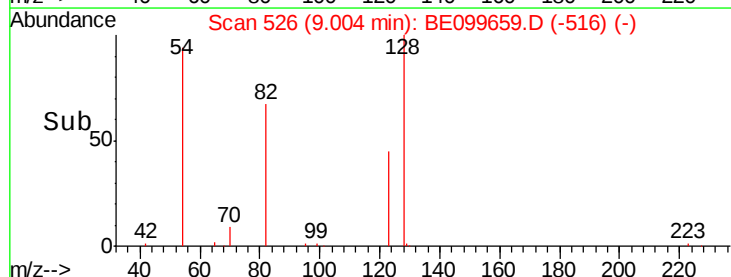
54 194.9 106.6 160.0#



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





#9

Naphthalene

Concen: 0.097 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.03 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

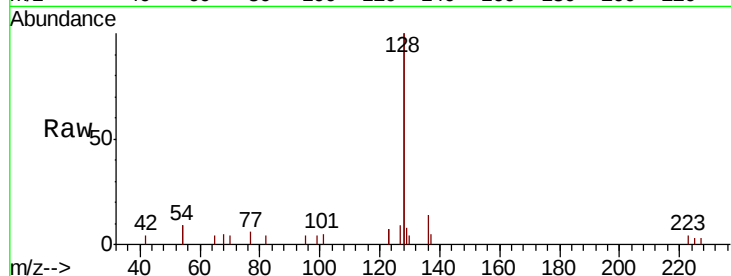
Tot Ion:128 Resp: 5773

Ion Ratio Lower Upper

128 100

129 4.2 2.4 3.6#

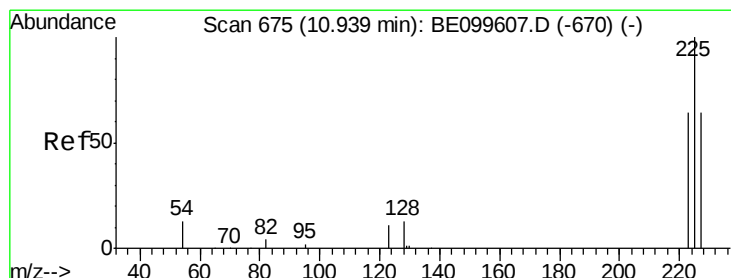
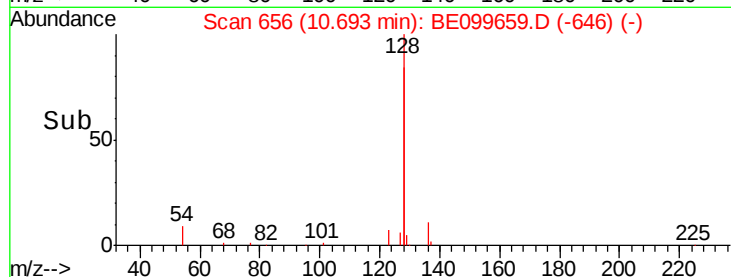
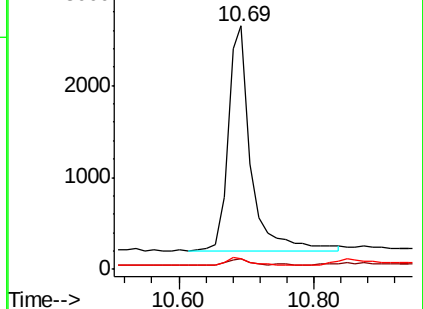
127 4.6 2.9 4.3#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.100 ng

RT: 10.97 min Scan# 677

Delta R.T. 0.03 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

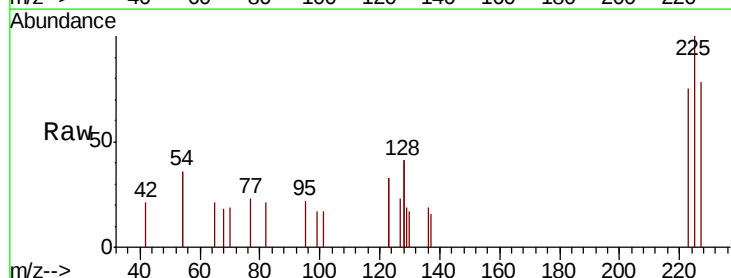
Tgt Ion:225 Resp: 432

Ion Ratio Lower Upper

225 100

223 68.3 51.8 77.6

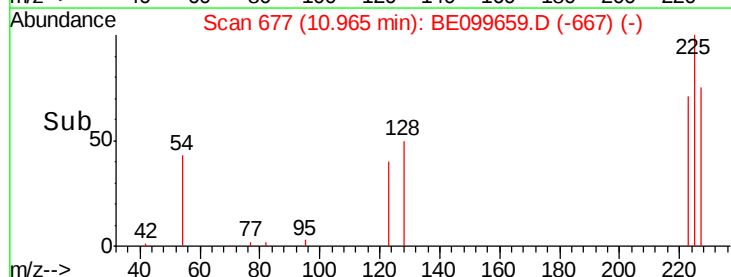
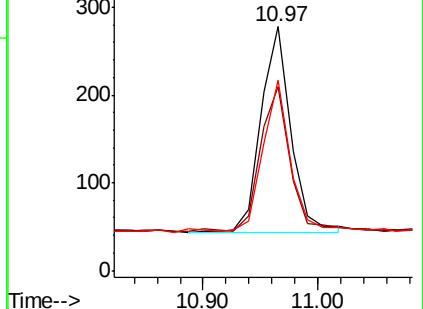
227 66.4 52.6 79.0

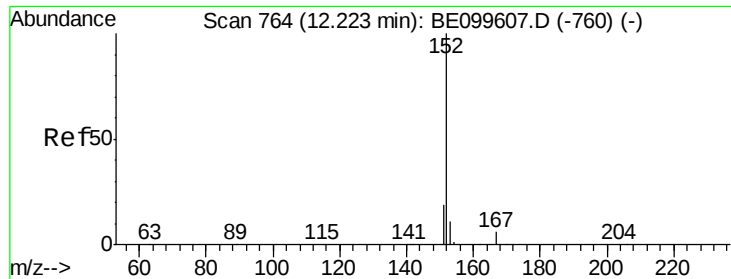


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

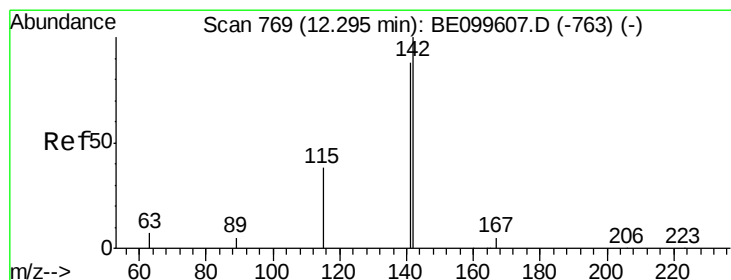
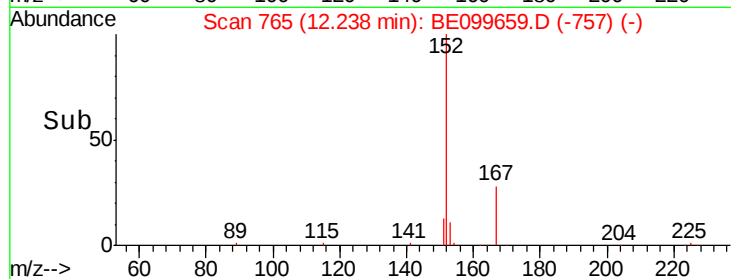
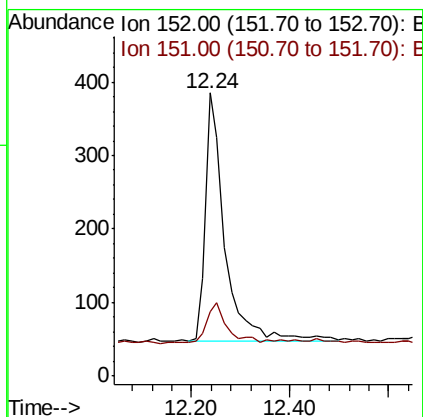
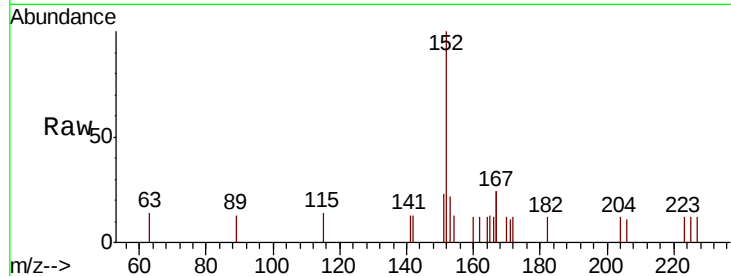




#11
 2-Methylnaphthalene-d10
 Concen: 0.097 ng
 RT: 12.24 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BE099659.D
 Acq: 20 May 2019 11:15

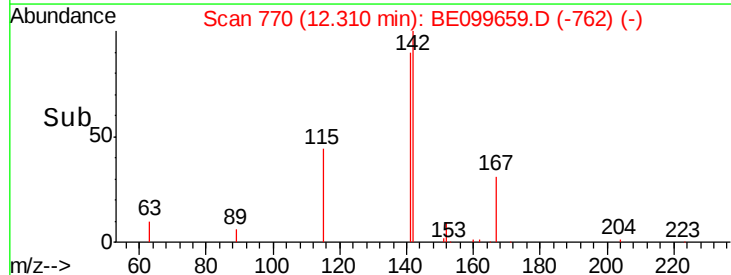
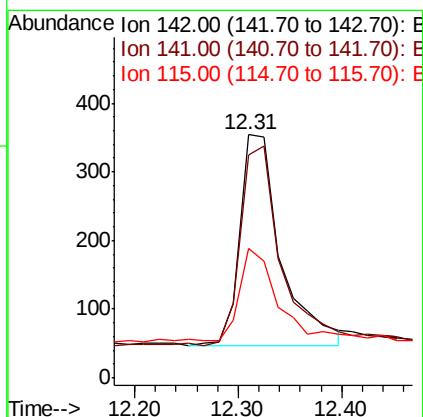
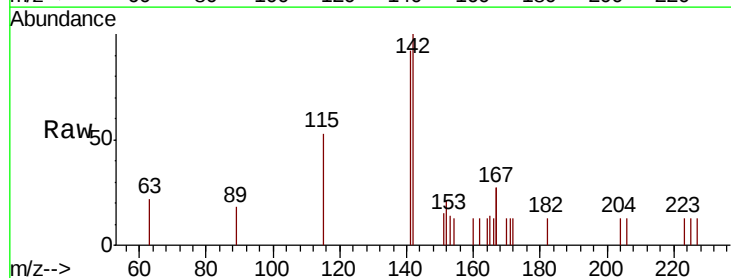
Instrument :
 BNA_E
 ClientSampleId :

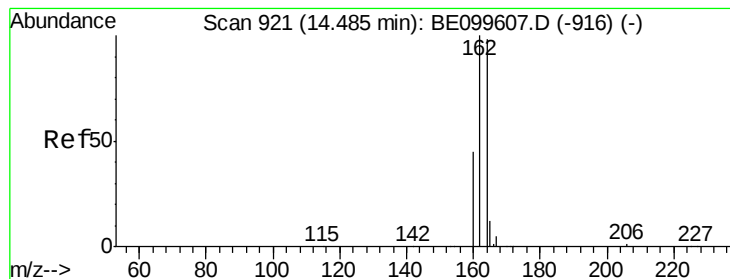
Tot Ion:152 Resp: 914
 Ion Ratio Lower Upper
 152 100
 151 17.1 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.086 ng
 RT: 12.31 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: BE099659.D
 Acq: 20 May 2019 11:15

Tgt Ion:142 Resp: 847
 Ion Ratio Lower Upper
 142 100
 141 91.8 72.0 108.0
 115 53.1 31.0 46.4#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 922

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

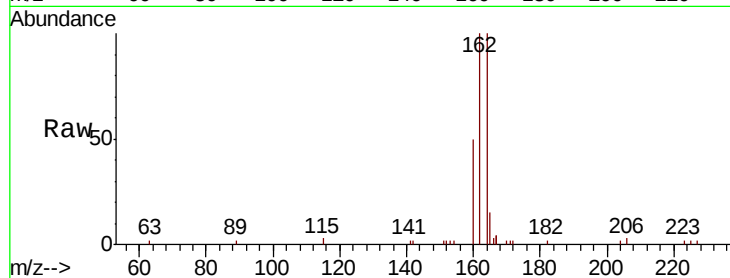
Tot Ion:164 Resp: 3808

Ion Ratio Lower Upper

164 100

162 99.8 76.5 114.7

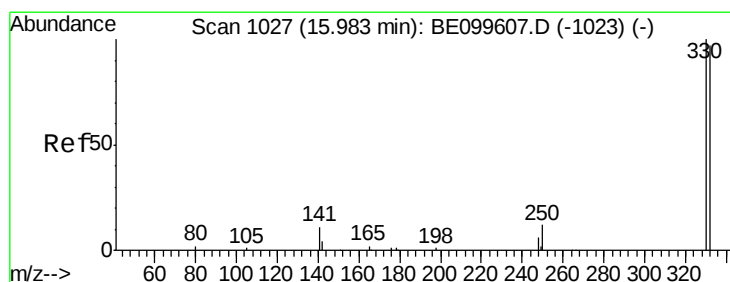
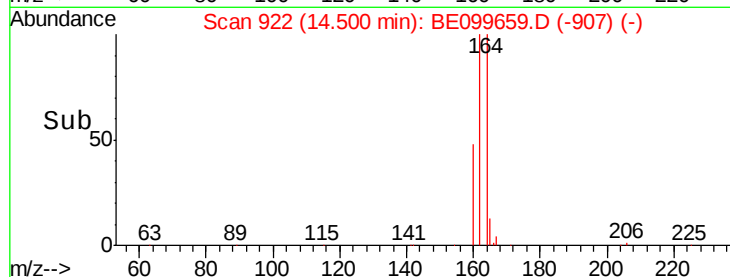
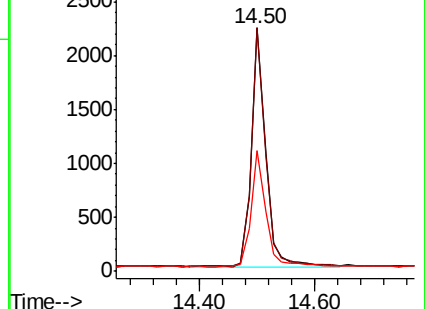
160 49.5 37.4 56.2



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



#14

2,4,6-Tribromophenol

Concen: 0.060 ng

RT: 16.00 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

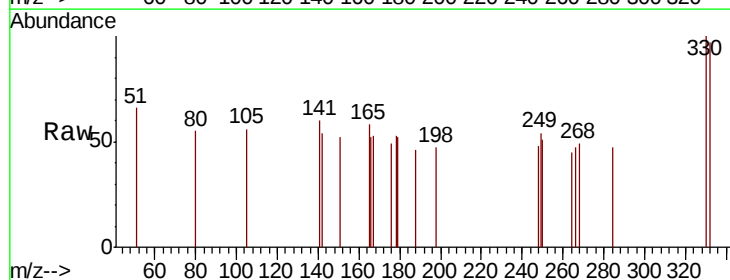
Tgt Ion:330 Resp: 156

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

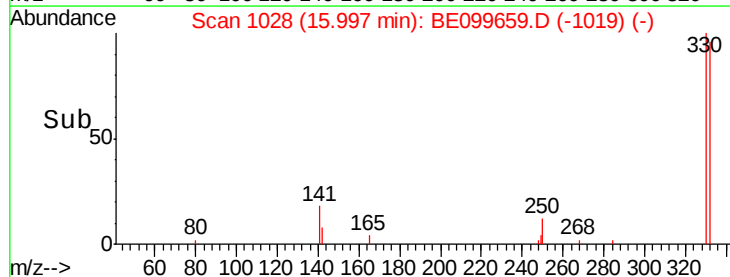
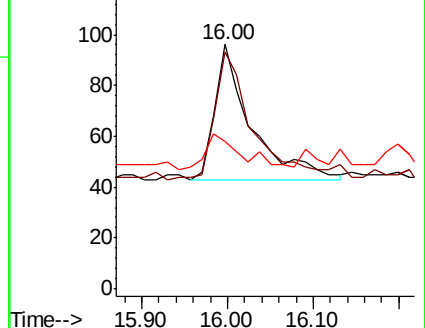
141 26.9 18.9 28.3

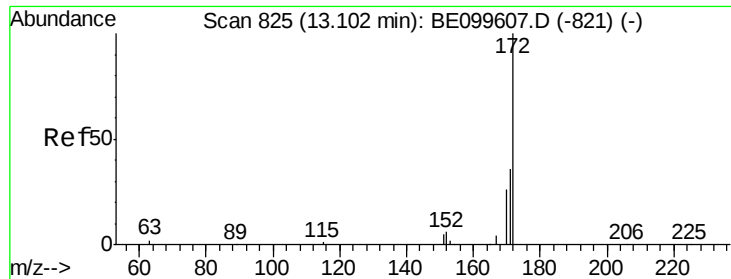


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

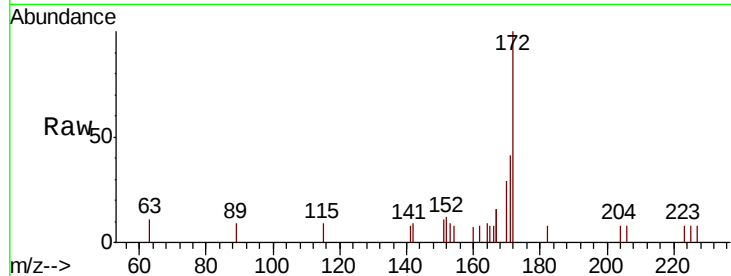




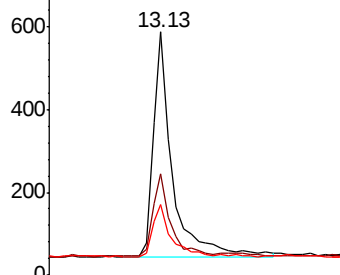
#15
2-Fluorobiphenyl
Concen: 0.096 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.03 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Instrument :
BNA_E
ClientSampleId :

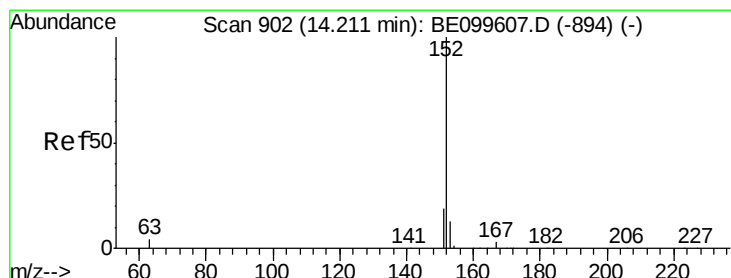
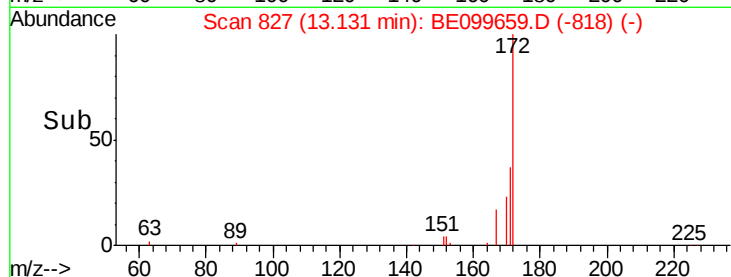
Tot Ion:172 Resp: 1412
Ion Ratio Lower Upper
172 100
171 41.5 28.7 43.1
170 29.3 20.9 31.3



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

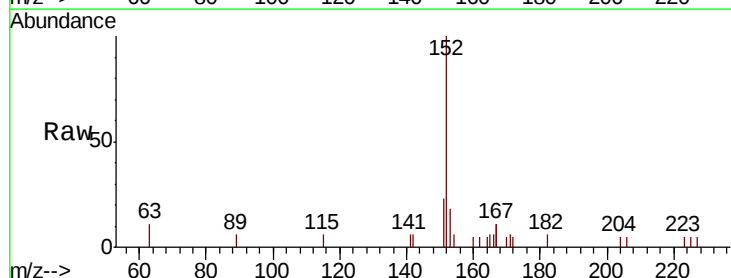


Time-->

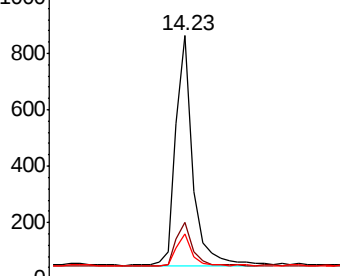


#16
Acenaphthylene
Concen: 0.089 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

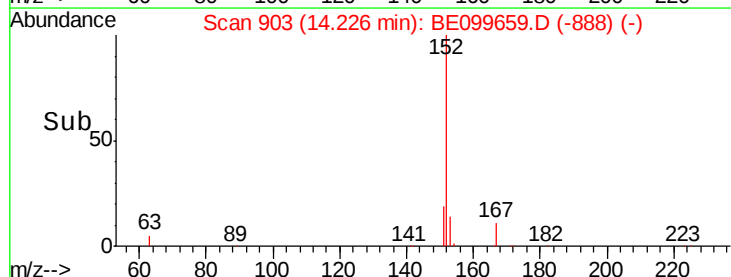
Tgt Ion:152 Resp: 1603
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 12.7 10.6 16.0

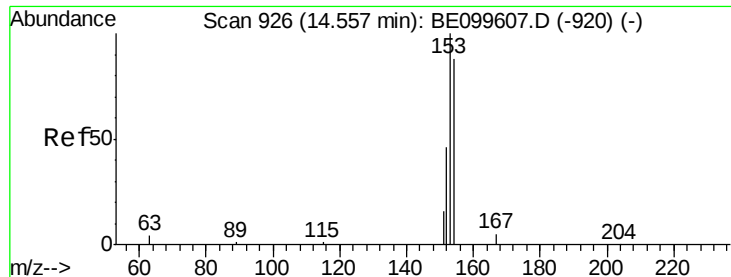


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->

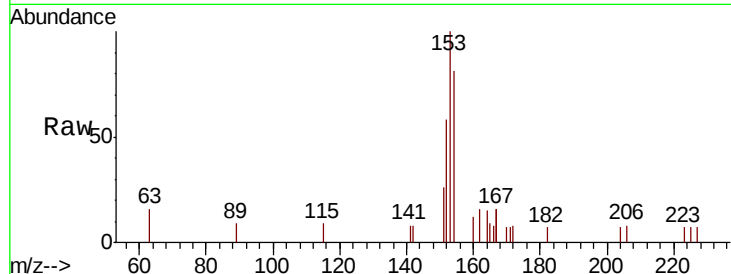




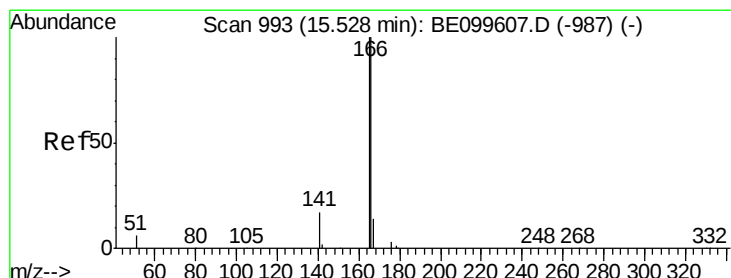
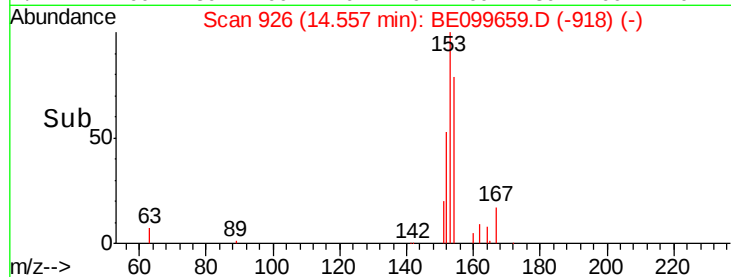
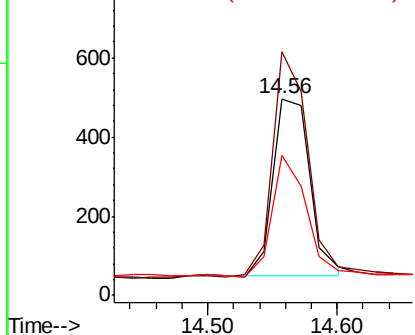
#17
Acenaphthene
Concen: 0.088 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.01 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 891
Ion Ratio Lower Upper
154 100
153 119.1 92.2 138.4
152 63.1 46.2 69.4

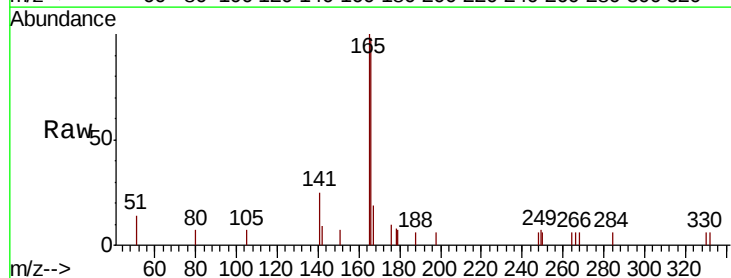


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

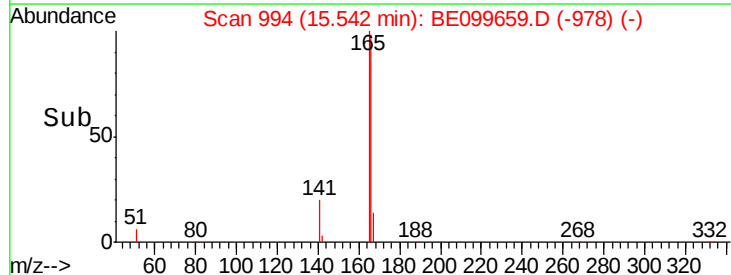
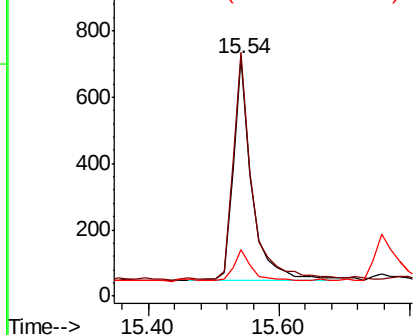


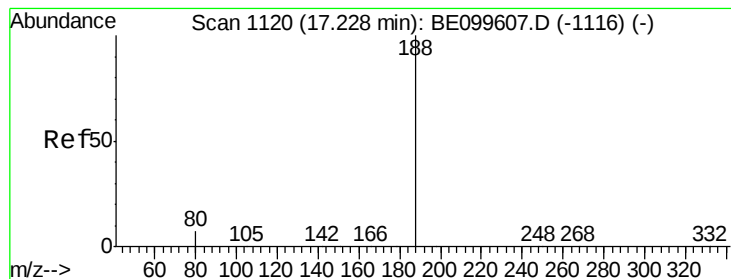
#18
Fluorene
Concen: 0.091 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.01 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Tgt Ion:166 Resp: 1327
Ion Ratio Lower Upper
166 100
165 102.6 80.3 120.5
167 14.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

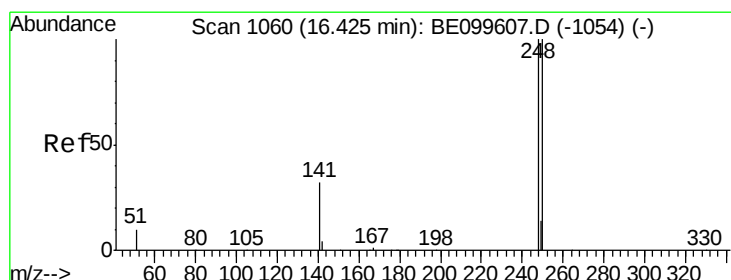
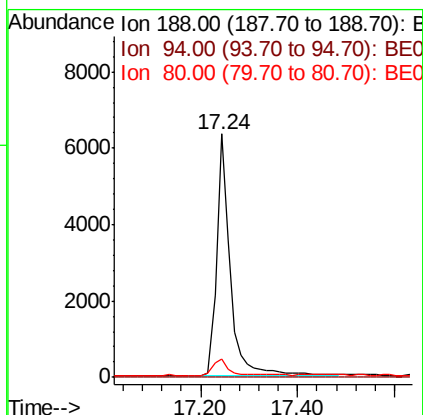
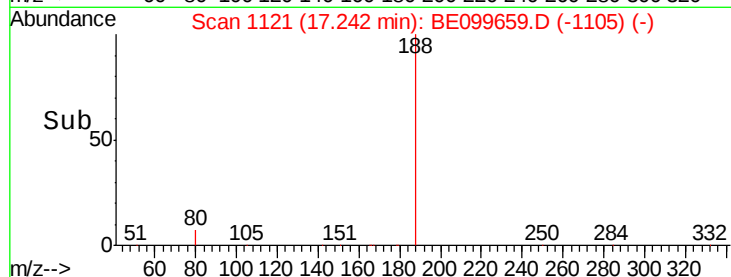
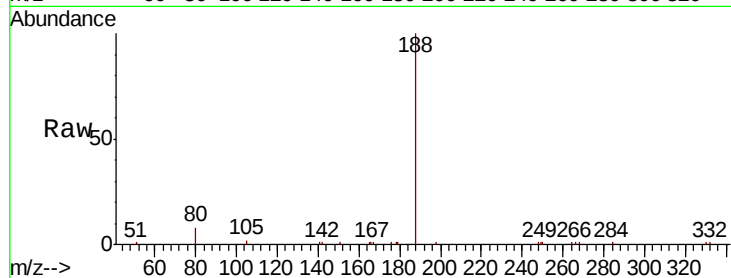
Tot Ion:188 Resp: 12222

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.6 6.7 10.1



#20

4-Bromophenyl-phenylether

Concen: 0.084 ng

RT: 16.44 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

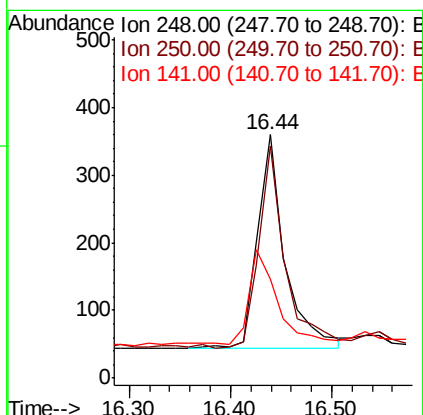
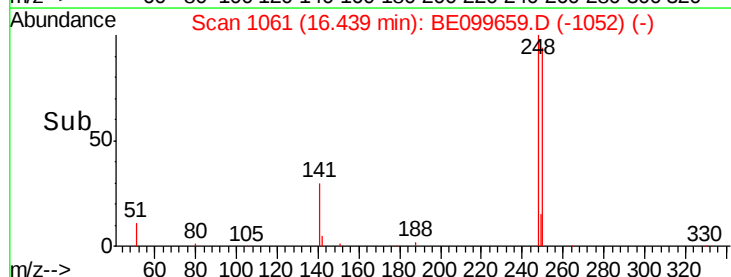
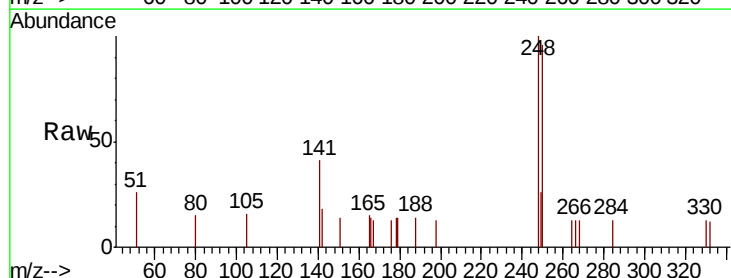
Tgt Ion:248 Resp: 594

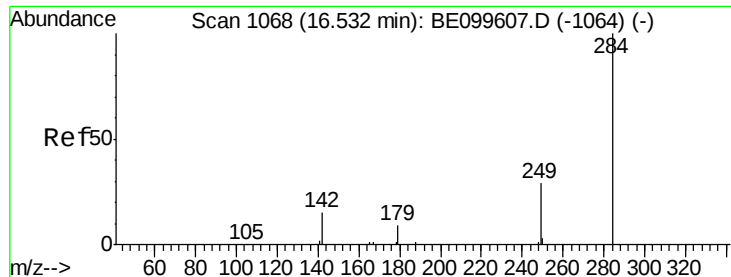
Ion Ratio Lower Upper

248 100

250 95.6 79.8 119.8

141 40.8 27.0 40.6#





#21

Hexachlorobenzene

Concen: 0.094 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

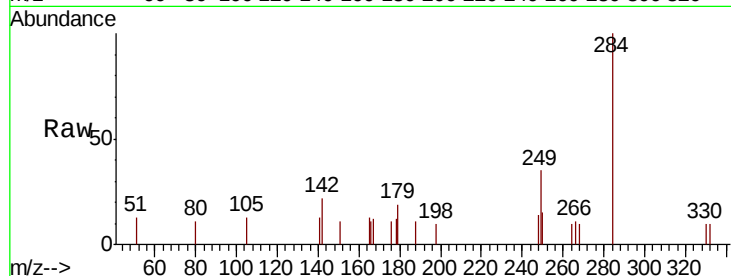
Tot Ion:284 Resp: 650

Ion Ratio Lower Upper

284 100

142 22.9 17.8 26.6

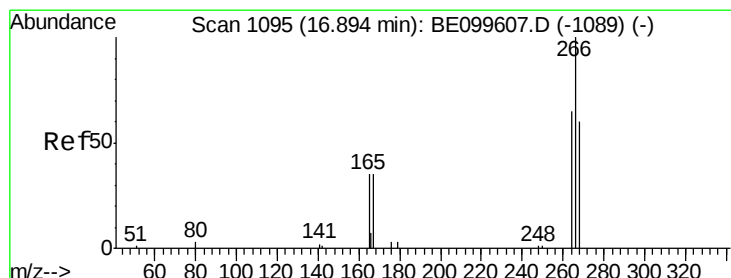
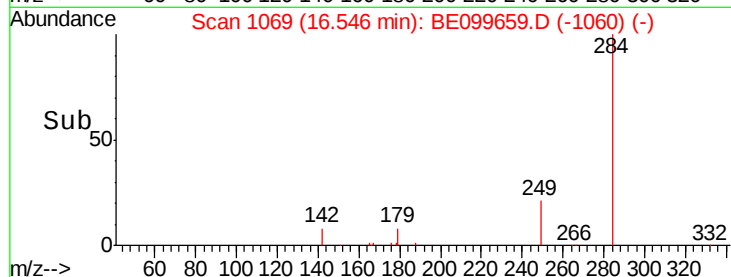
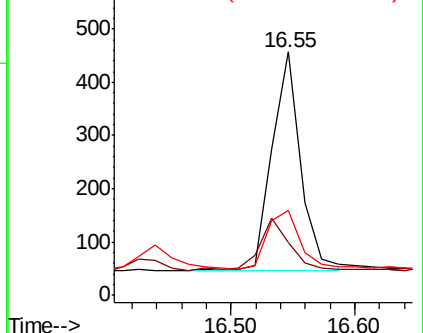
249 31.2 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.035 ng

RT: 16.95 min Scan# 1099

Delta R.T. 0.04 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

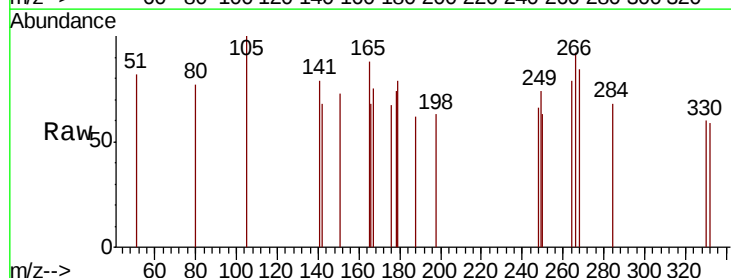
Tgt Ion:266 Resp: 97

Ion Ratio Lower Upper

266 100

264 86.6 57.2 85.8#

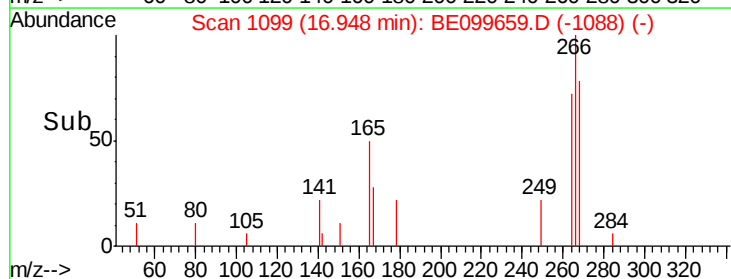
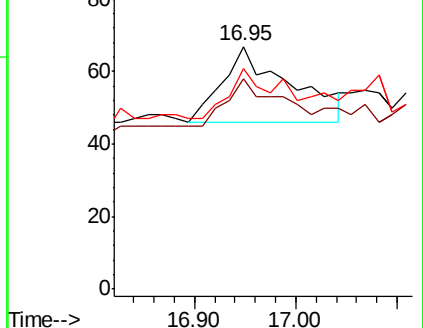
268 91.0 60.5 90.7#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

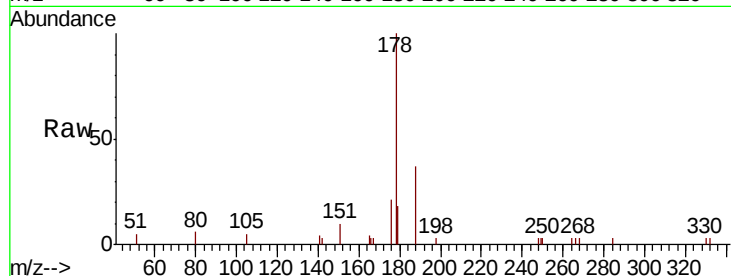




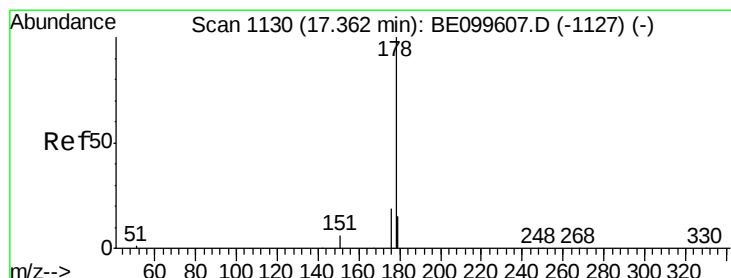
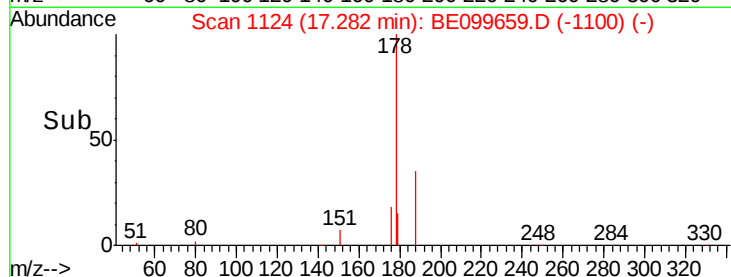
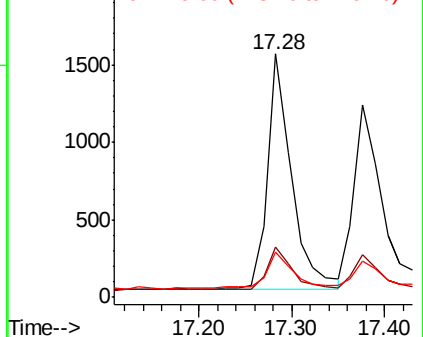
#23
Phenanthrene
Concen: 0.091 ng
RT: 17.28 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:178 Resp: 2747
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 17.7 12.2 18.4

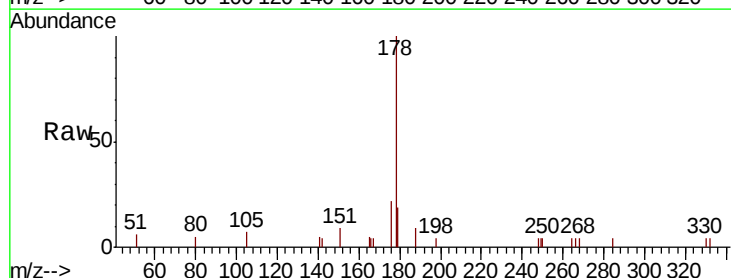


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

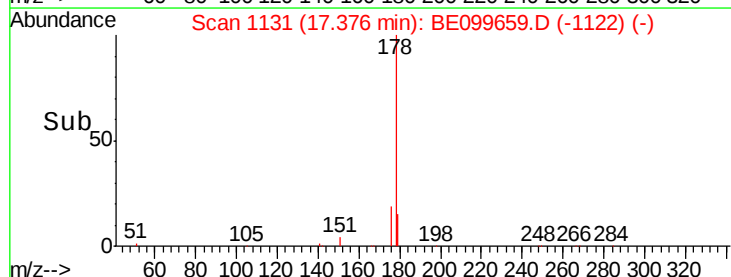
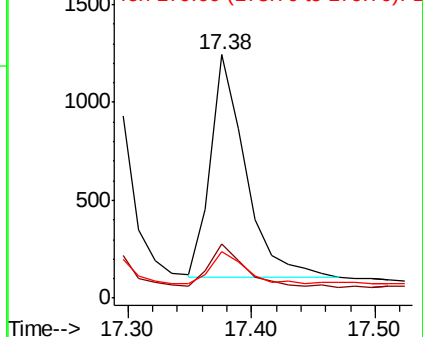


#24
Anthracene
Concen: 0.079 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Tgt Ion:178 Resp: 2217
Ion Ratio Lower Upper
178 100
176 19.6 14.7 22.1
179 14.0 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.095 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

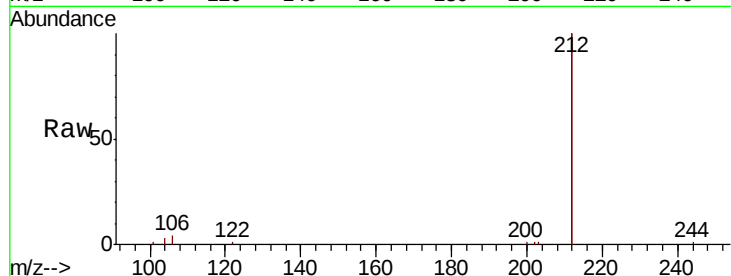
Tot Ion:212 Resp: 15513

Ion Ratio Lower Upper

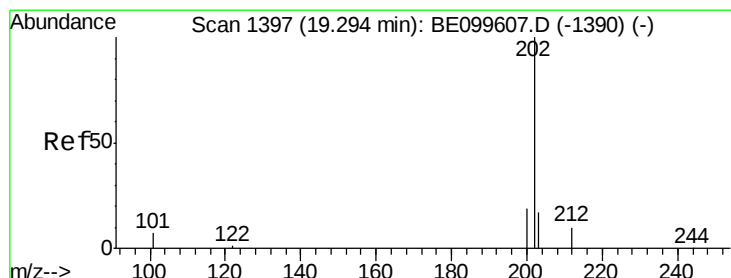
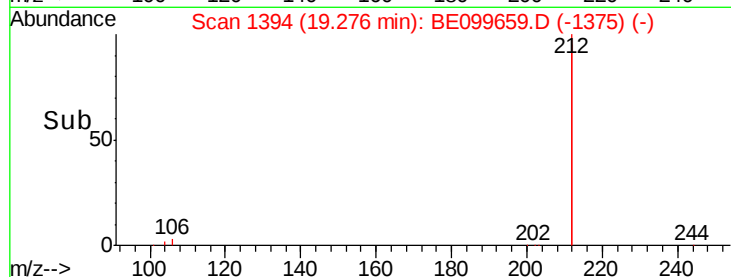
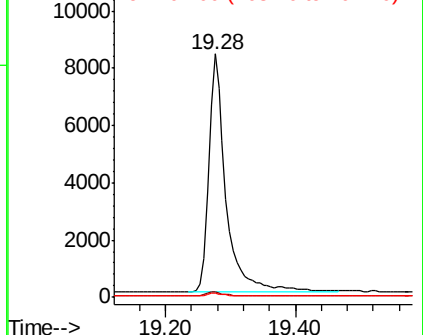
212 100

106 1.8 1.4 2.2

104 1.0 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.094 ng

RT: 19.30 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

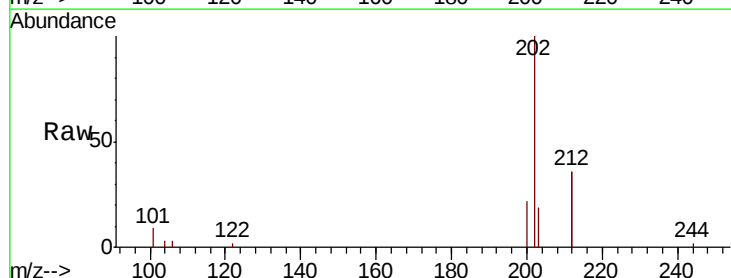
Tgt Ion:202 Resp: 4292

Ion Ratio Lower Upper

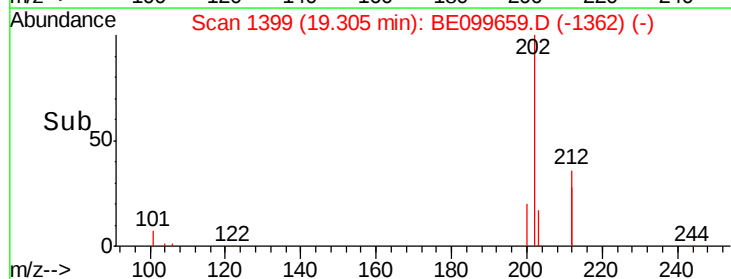
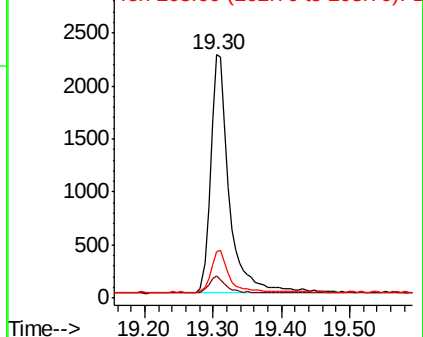
202 100

101 6.7 5.2 7.8

203 17.1 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

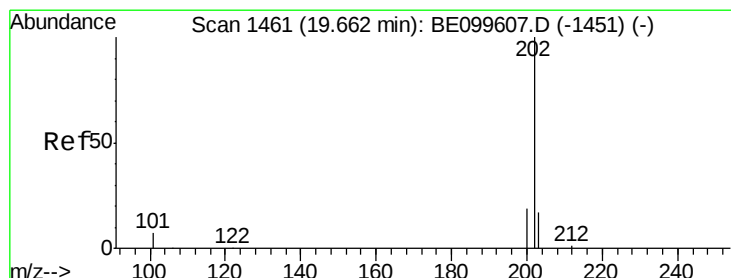
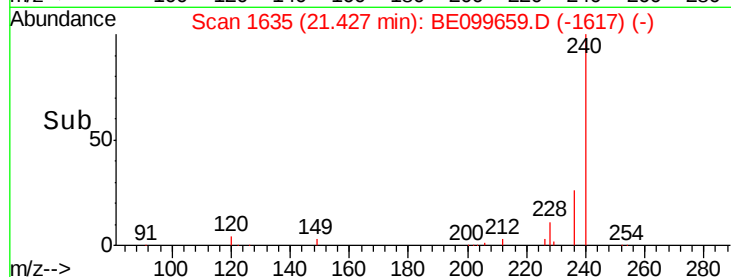
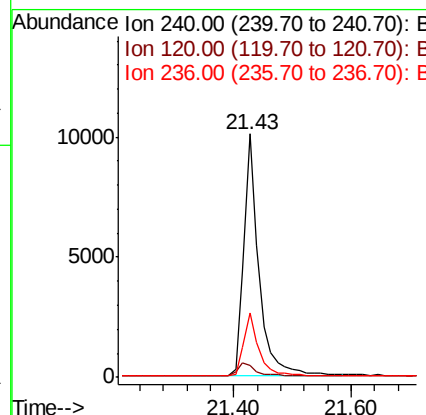
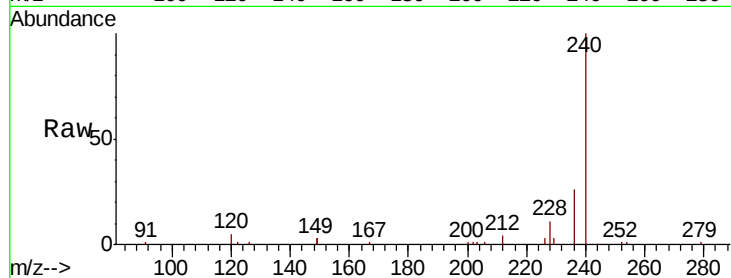




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1635
 Delta R.T. 0.01 min
 Lab File: BE099659.D
 Acq: 20 May 2019 11:15

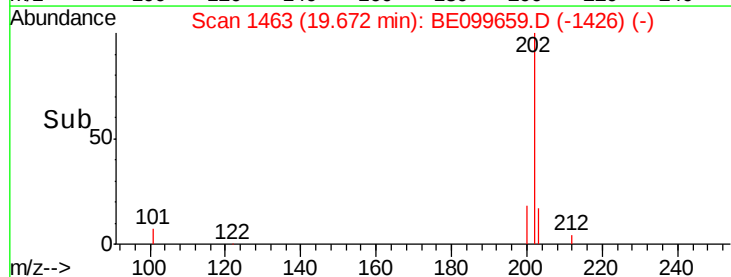
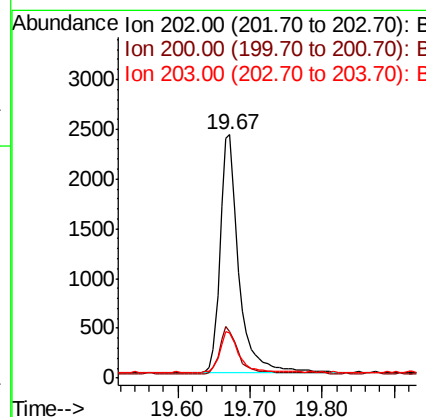
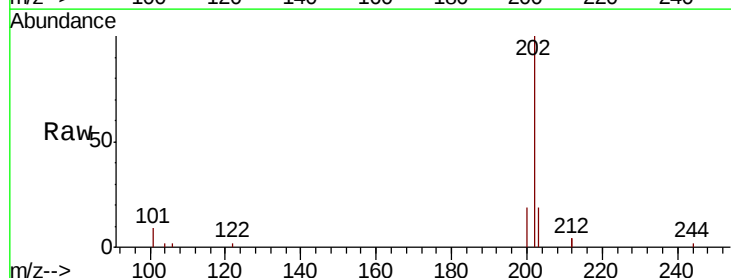
Instrument :
 BNA_E
 ClientSampled :

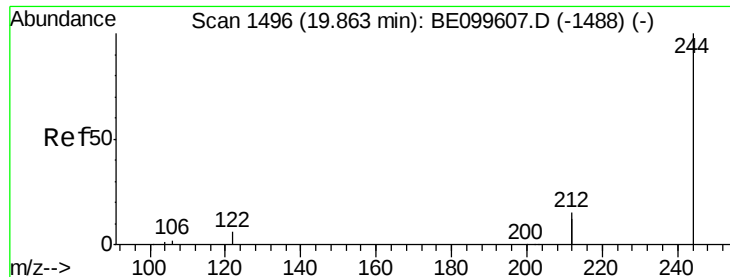
Tot Ion:240 Resp: 18325
 Ion Ratio Lower Upper
 240 100
 120 4.8 5.4 8.0#
 236 26.5 21.7 32.5



#28
 Pyrene
 Concen: 0.092 ng
 RT: 19.67 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: BE099659.D
 Acq: 20 May 2019 11:15

Tgt Ion:202 Resp: 4306
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.4 23.2
 203 18.1 13.8 20.8





#29

Terphenyl-d14

Concen: 0.091 ng

RT: 19.87 min Scan# 1498

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

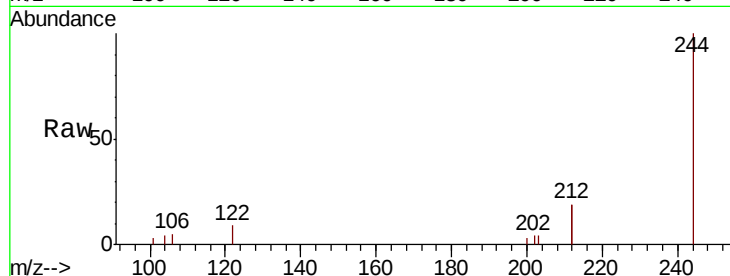
Tot Ion:244 Resp: 2991

Ion Ratio Lower Upper

244 100

212 38.3 22.5 33.7#

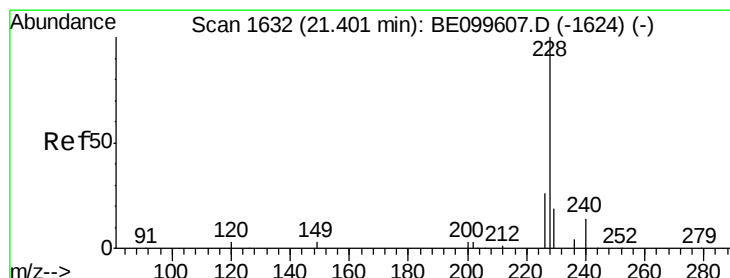
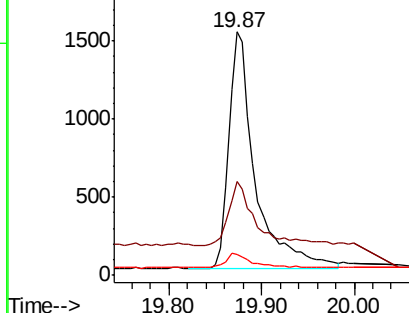
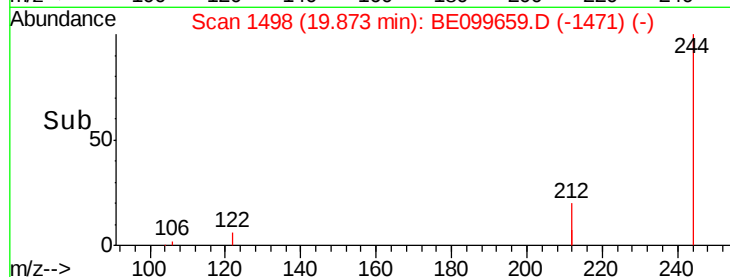
122 8.7 4.3 6.5#



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



#30

Benzo(a)anthracene

Concen: 0.085 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

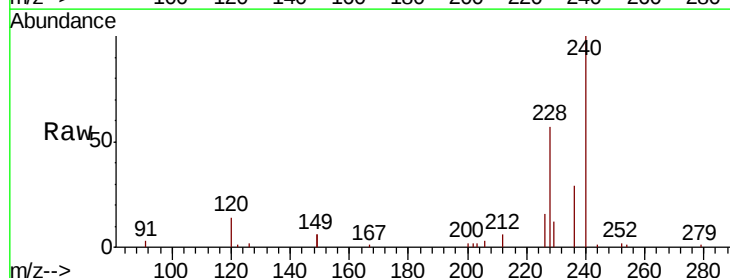
Tgt Ion:228 Resp: 4725

Ion Ratio Lower Upper

228 100

226 27.3 21.3 31.9

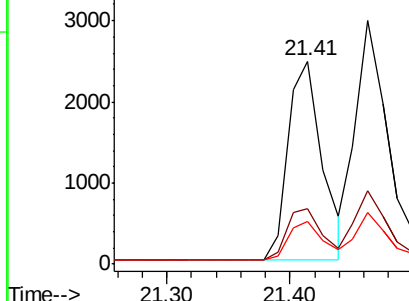
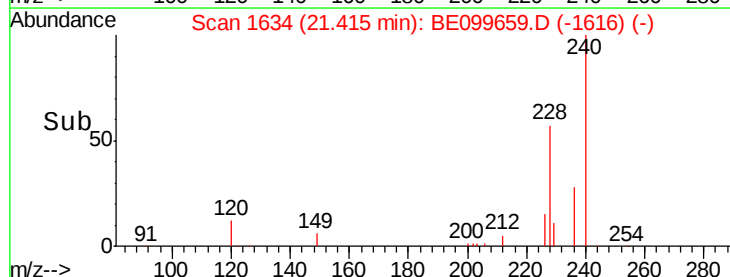
229 21.3 16.1 24.1

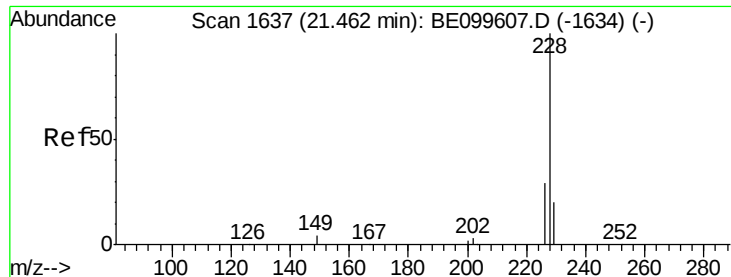


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.092 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

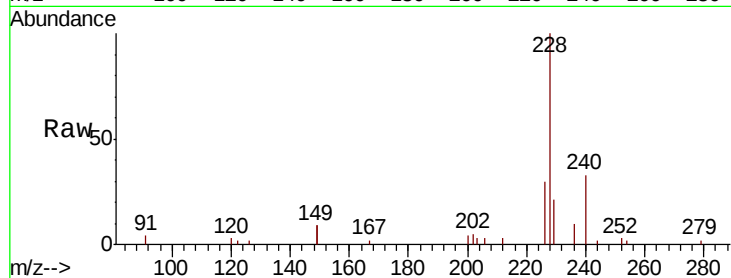
Tot Ion:228 Resp: 5274

Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

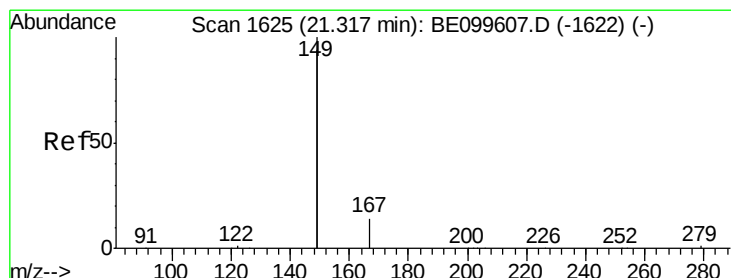
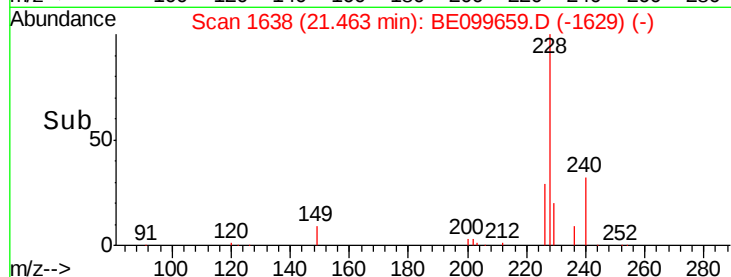
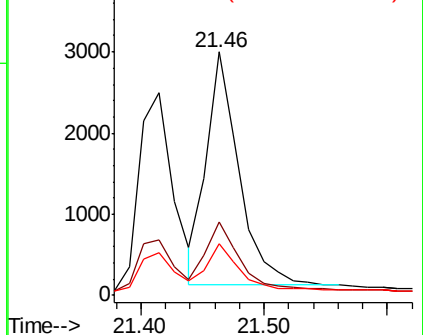
229 21.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.074 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

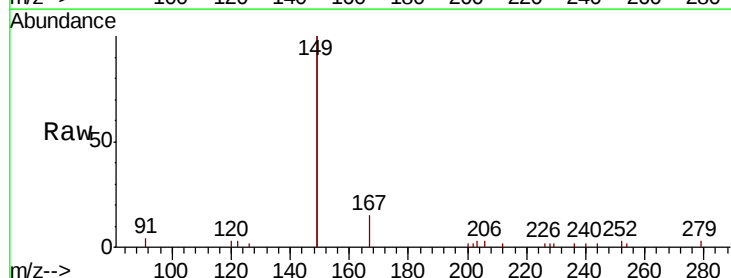
Tgt Ion:149 Resp: 6329

Ion Ratio Lower Upper

149 100

167 7.7 6.2 9.4

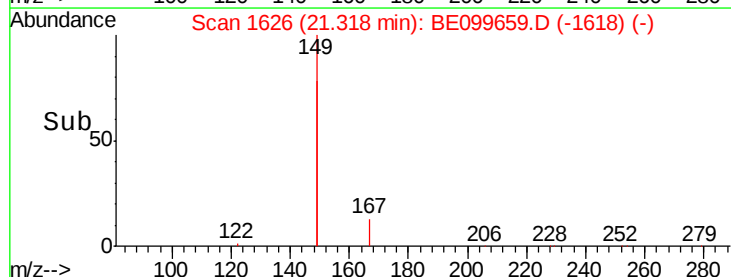
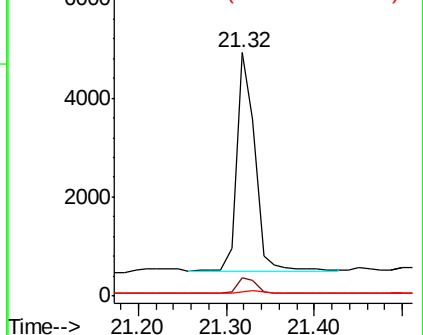
279 1.4 1.2 1.8

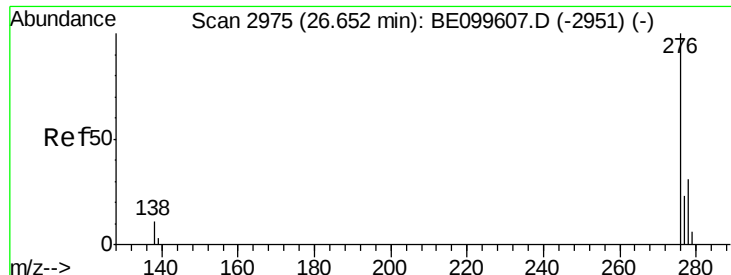


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

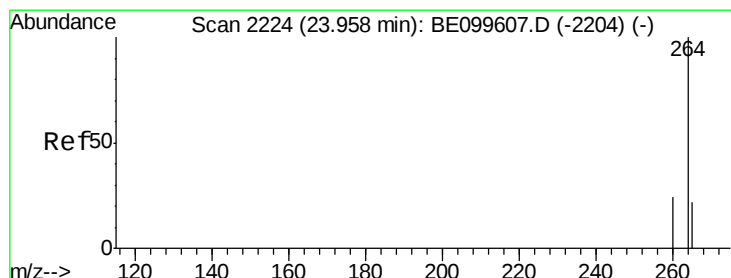
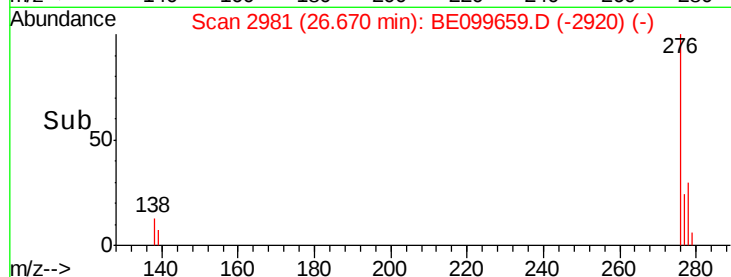
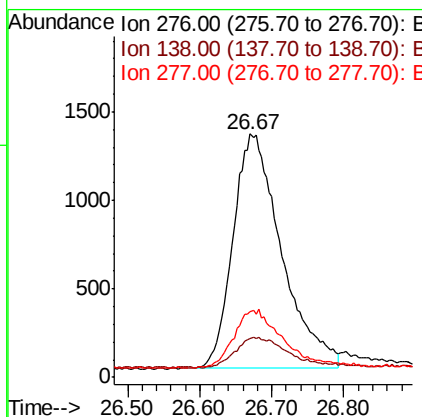
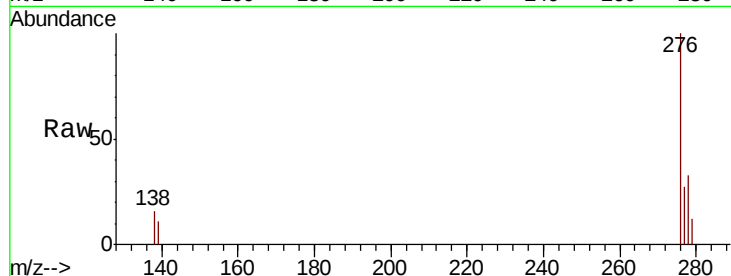




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.086 ng
 RT: 26.67 min Scan# 2981
 Delta R.T. 0.02 min
 Lab File: BE099659.D
 Acq: 20 May 2019 11:15

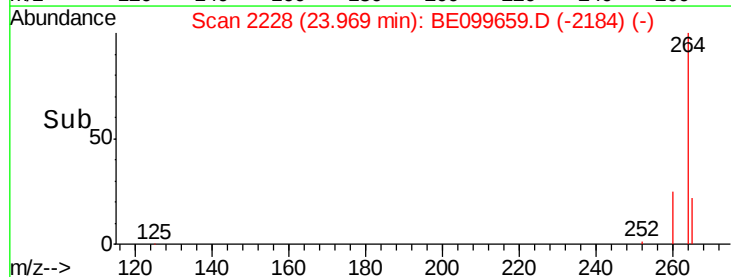
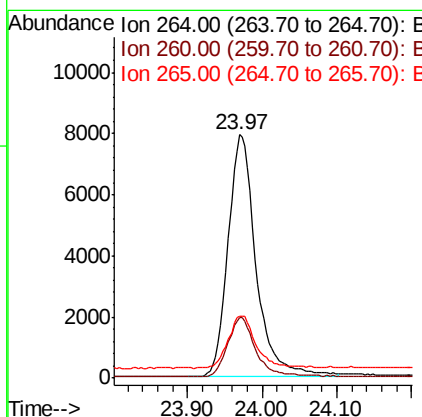
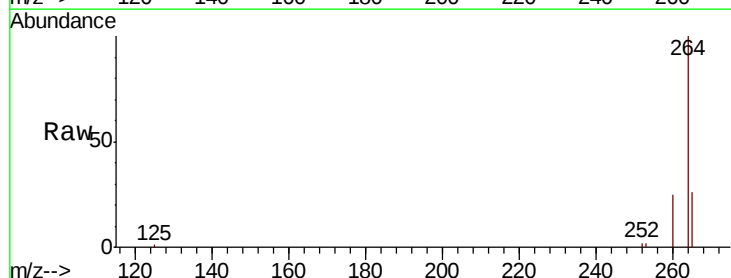
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 6093
 Ion Ratio Lower Upper
 276 100
 138 13.6 9.6 14.4
 277 25.3 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.97 min Scan# 2228
 Delta R.T. 0.01 min
 Lab File: BE099659.D
 Acq: 20 May 2019 11:15

Tgt Ion:264 Resp: 20644
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.6 29.4
 265 25.6 19.1 28.7

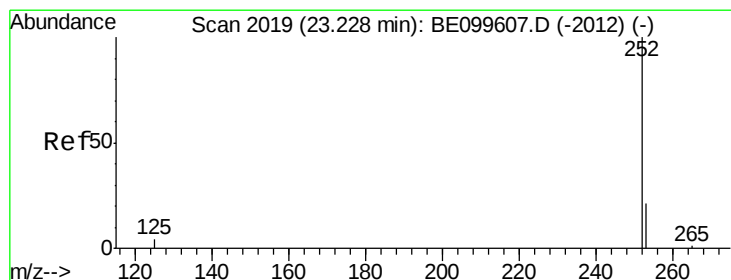
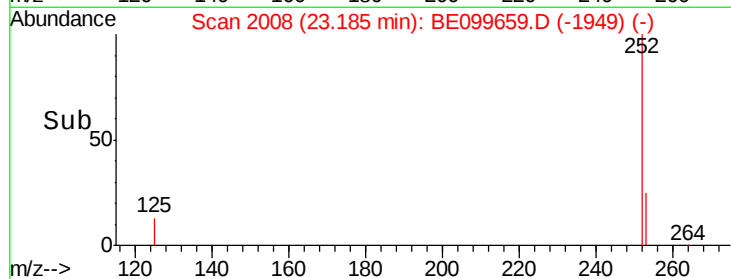
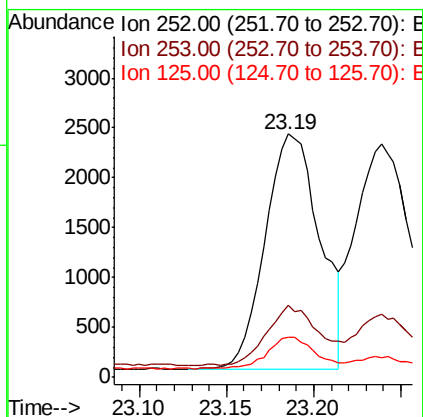
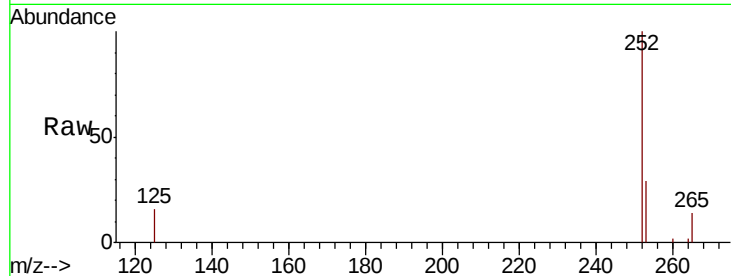




#35
Benzo(b)fluoranthene
Concen: 0.089 ng
RT: 23.19 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

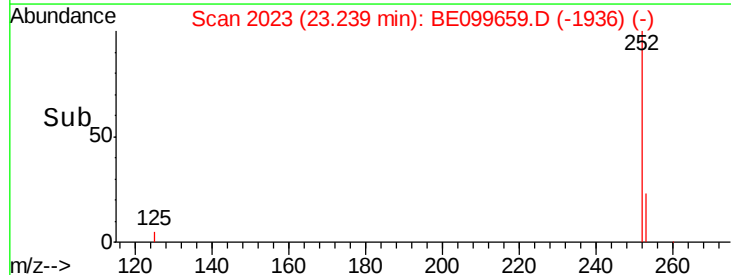
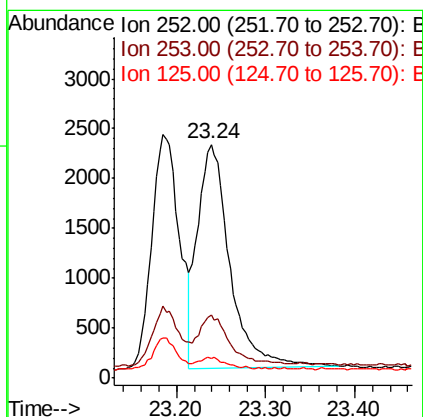
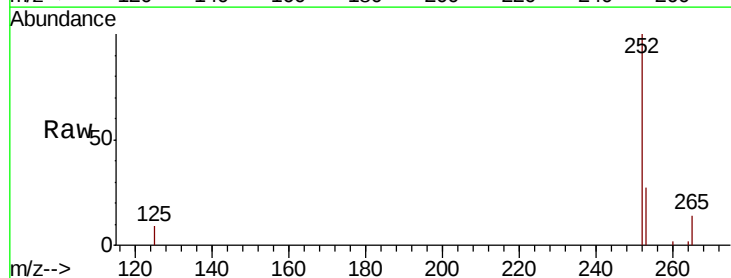
Instrument :
BNA_E
ClientSampleId :

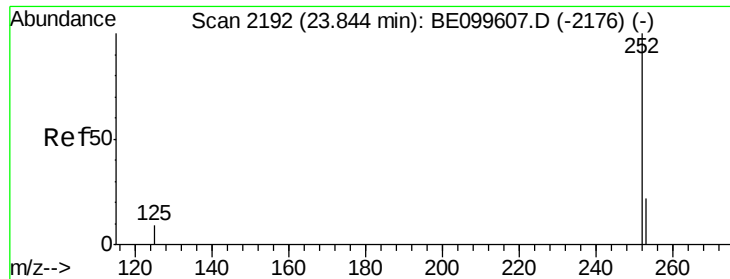
Tot Ion:252 Resp: 5135
Ion Ratio Lower Upper
252 100
253 29.5 18.2 27.4#
125 16.3 4.5 6.7#



#36
Benzo(k)fluoranthene
Concen: 0.099 ng
RT: 23.24 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Tgt Ion:252 Resp: 5658
Ion Ratio Lower Upper
252 100
253 27.1 17.8 26.8#
125 8.6 4.6 6.8#





#37

Benzo(a)pyrene

Concen: 0.092 ng

RT: 23.86 min Scan# 2197

Delta R.T. 0.02 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampled :

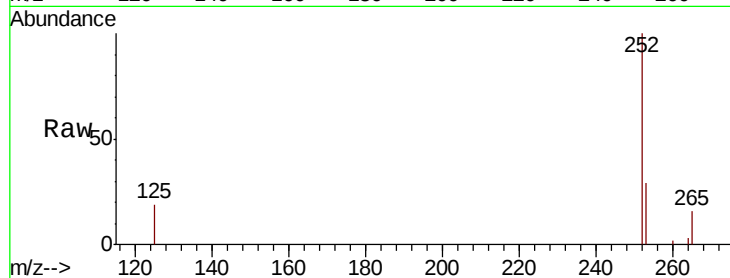
Tot Ion:252 Resp: 5126

Ion Ratio Lower Upper

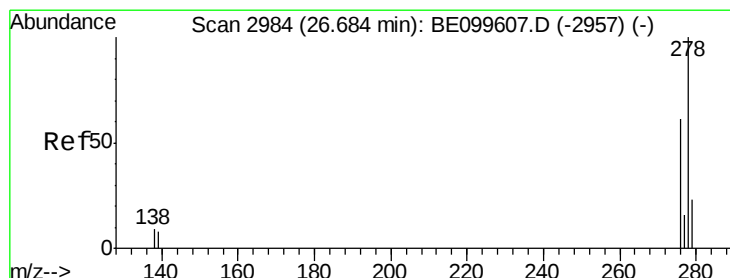
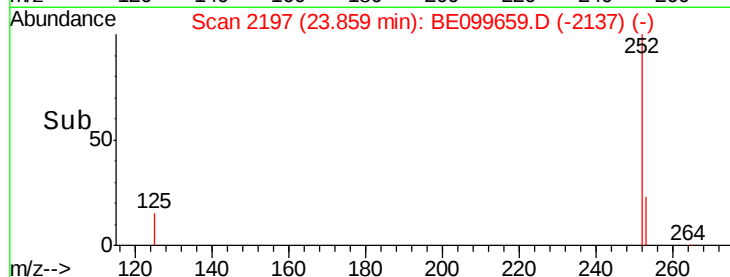
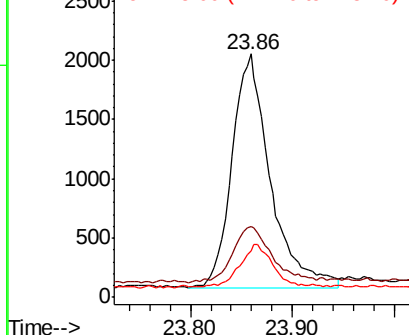
252 100

253 28.9 18.9 28.3#

125 19.1 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.088 ng

RT: 26.70 min Scan# 2990

Delta R.T. 0.02 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

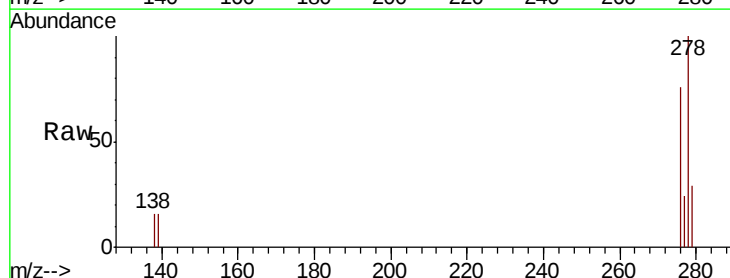
Tgt Ion:278 Resp: 5123

Ion Ratio Lower Upper

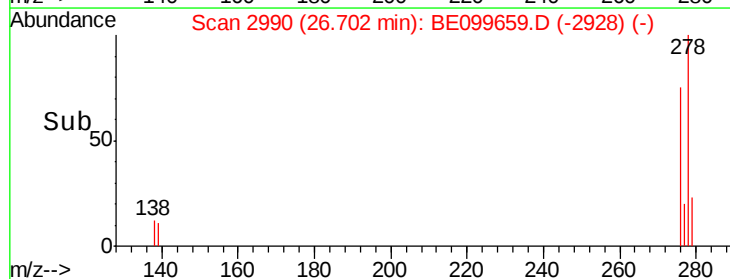
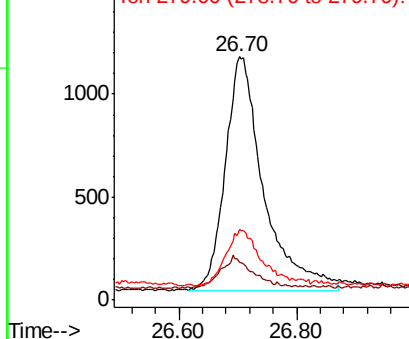
278 100

139 15.7 6.9 10.3#

279 29.1 19.2 28.8#



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





#39

Benzo(a,h,i)perylene

Concen: 0.091 ng

RT: 27.50 min Scan# 3214

Delta R.T. 0.02 min

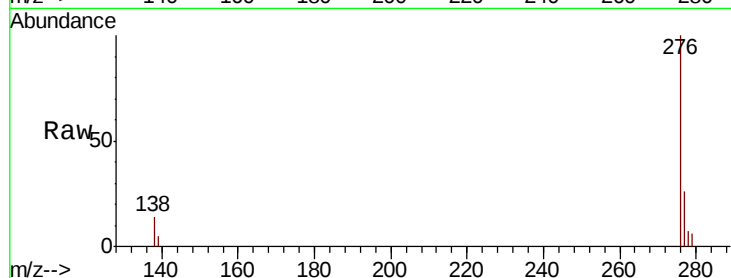
Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 5305

Ion Ratio Lower Upper

276 100

277 25.9 19.8 29.6

138 14.4 9.2 13.8

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

