

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
 Data File : BE099582.D
 Acq On : 9 May 2019 9:21
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: May 09 11:56:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 09 11:50:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1468	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	5199	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	3468	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	9866	0.40	ng	0.00
27) Chrysene-d12	21.43	240	14290	0.40	ng	0.00
34) Perylene-d12	23.98	264	16208	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	367	0.09	ng	0.00
5) Phenol-d6	6.99	99	439	0.08	ng	0.00
8) Nitrobenzene-d5	8.99	82	399	0.08	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	813	0.09	ng	0.02
14) 2,4,6-Tribromophenol	16.00	330	157	0.07	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	1342	0.10	ng	0.00
25) Fluoranthene-d10	19.28	212	12762	0.10	ng	0.00
29) Terphenyl-d14	19.87	244	2418	0.09	ng	0.00

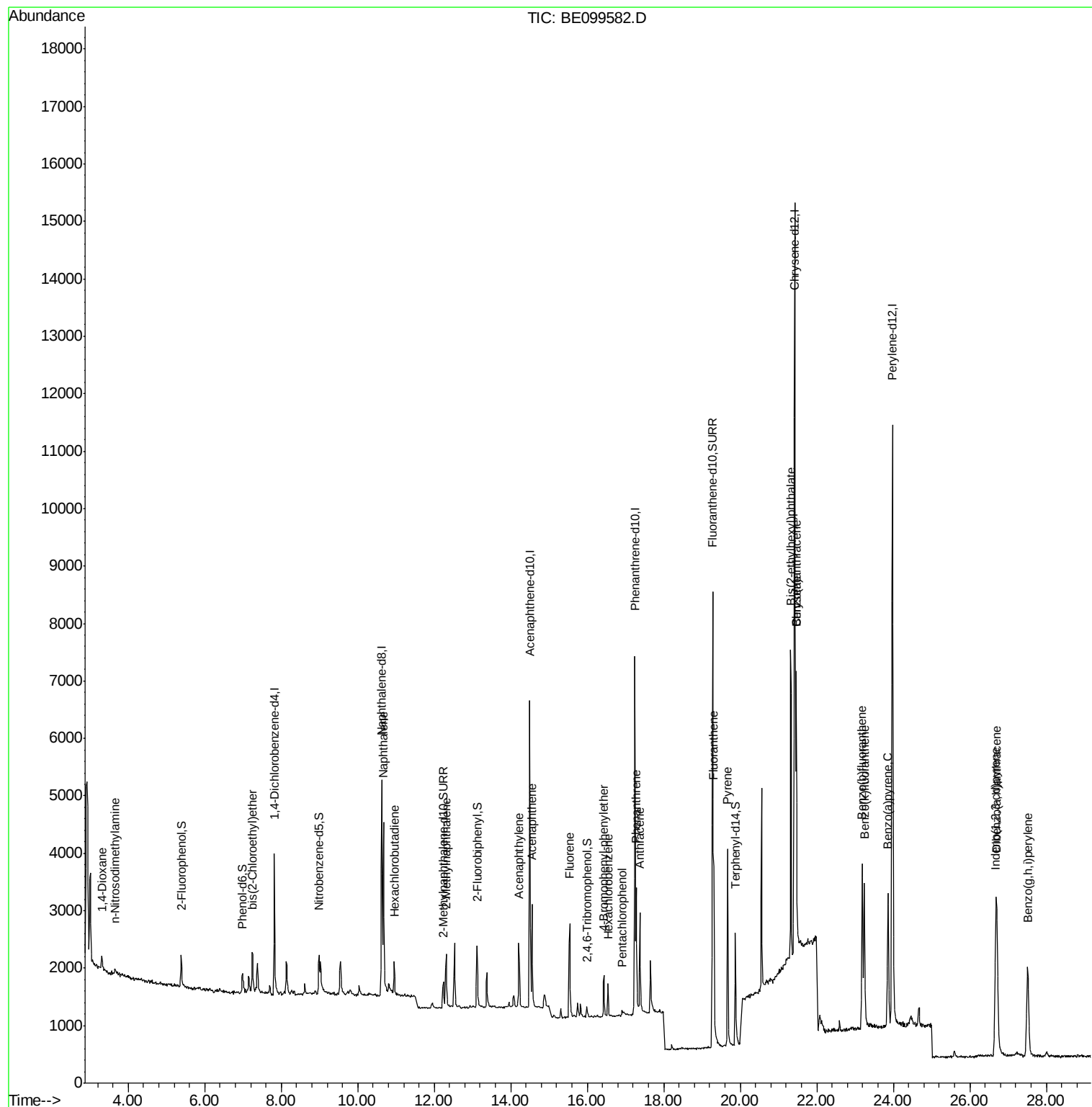
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	237	0.114	ng	97
3) n-Nitrosodimethylamine	3.65	42	104	0.076	ng	# 1
6) bis(2-Chloroethyl)ether	7.25	93	390	0.087	ng	94
9) Naphthalene	10.68	128	5321	0.097	ng	# 97
10) Hexachlorobutadiene	10.95	225	403	0.101	ng	99
12) 2-Methylnaphthalene	12.31	142	838	0.090	ng	97
16) Acenaphthylene	14.21	152	1545	0.092	ng	99
17) Acenaphthene	14.56	154	866	0.093	ng	99
18) Fluorene	15.54	166	1249	0.094	ng	98
20) 4-Bromophenyl-phenylether	16.44	248	530	0.095	ng	94
21) Hexachlorobenzene	16.54	284	543	0.097	ng	96
22) Pentachlorophenol	16.92	266	124	0.054	ng	# 81
23) Phenanthrene	17.28	178	2302	0.095	ng	97
24) Anthracene	17.37	178	2069	0.088	ng	99
26) Fluoranthene	19.30	202	3502	0.094	ng	99
28) Pyrene	19.67	202	3688	0.096	ng	98
30) Benzo(a)anthracene	21.46	228	4255	0.096	ng	95
31) Chrysene	21.46	228	4197	0.096	ng	95
32) Bis(2-ethylhexyl)phthalate	21.32	149	7394	0.105	ng	99
33) Indeno(1,2,3-cd)pyrene	26.67	276	5341	0.103	ng	# 95
35) Benzo(b)fluoranthene	23.19	252	4230	0.095	ng	# 84
36) Benzo(k)fluoranthene	23.24	252	4095	0.093	ng	# 86
37) Benzo(a)pyrene	23.86	252	4167	0.097	ng	# 76
38) Dibenzo(a,h)anthracene	26.70	278	4201	0.094	ng	# 88
39) Benzo(g,h,i)perylene	27.51	276	4307	0.096	ng	# 91

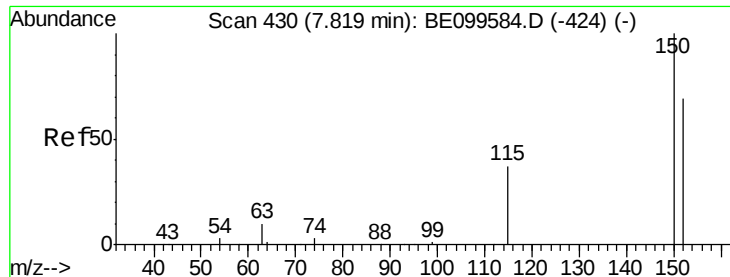
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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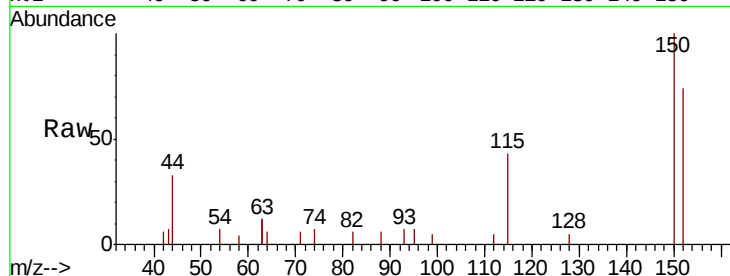


#1

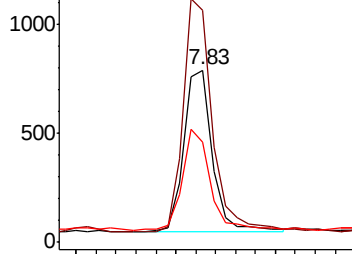
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.01 min
Lab File: BE099582.D
Acq: 9 May 2019 9:21

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

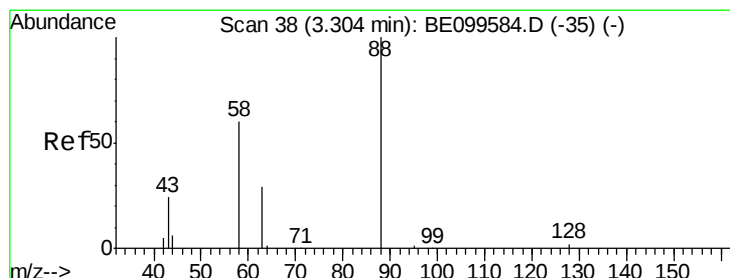
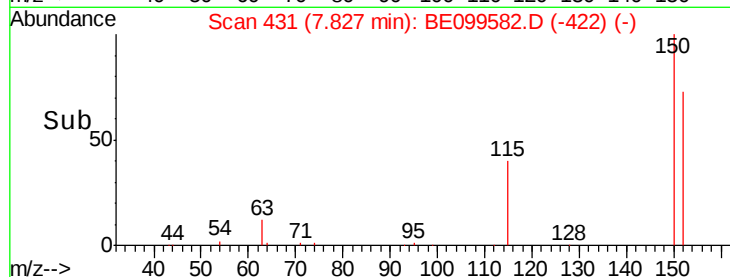
Tot Ion:152 Resp: 1468
Ion Ratio Lower Upper
152 100
150 135.0 114.2 171.4
115 58.4 45.4 68.0



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



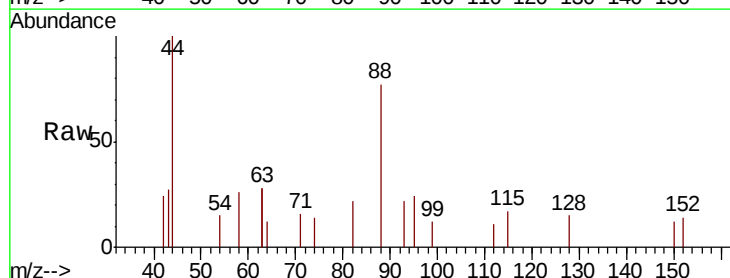
Time-->



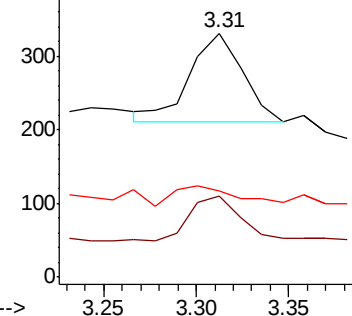
#2

1,4-Dioxane
Concen: 0.114 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.01 min
Lab File: BE099582.D
Acq: 9 May 2019 9:21

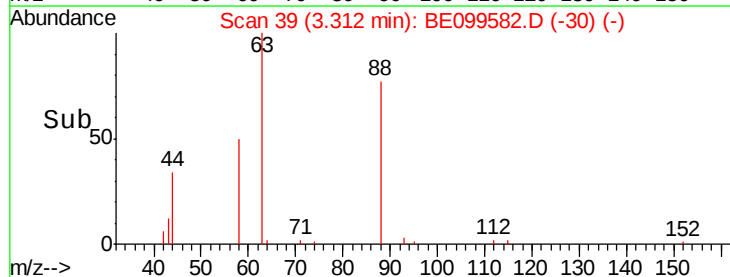
Tgt Ion: 88 Resp: 237
Ion Ratio Lower Upper
88 100
58 49.4 41.3 61.9
43 27.0 21.0 31.6

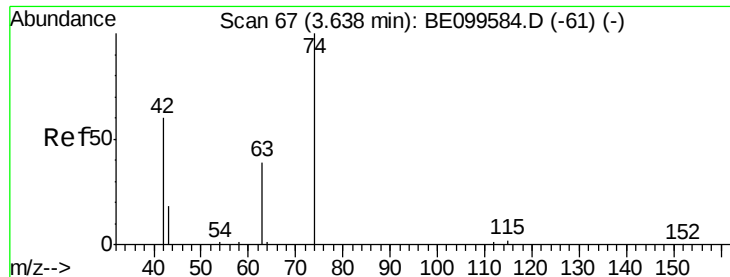


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.076 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.01 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

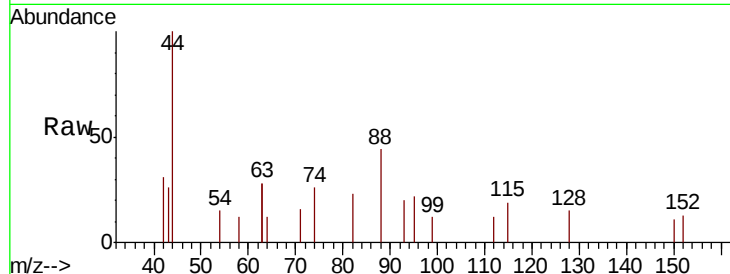
Tot Ion: 42 Resp: 104

Ion Ratio Lower Upper

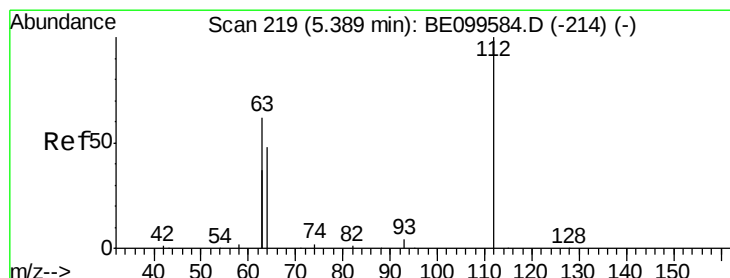
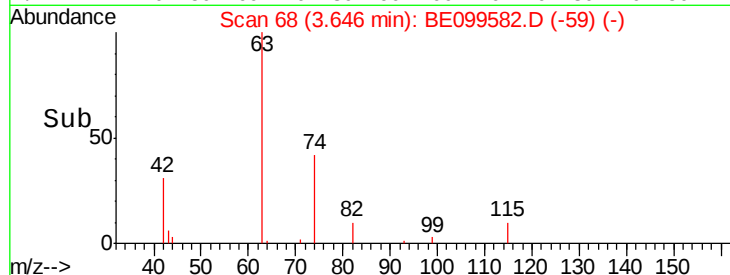
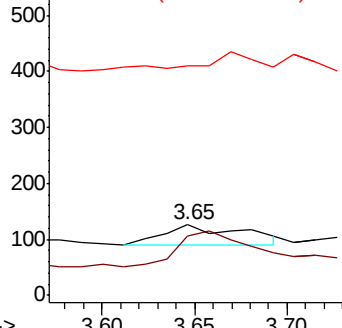
42 100

74 0.0 136.9 205.3#

44 0.0 7.1 10.7#



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: 0.090 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

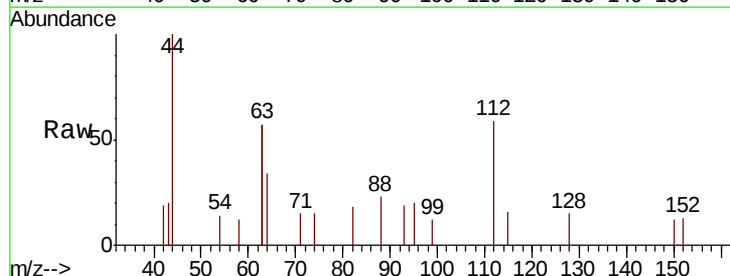
Tgt Ion: 112 Resp: 367

Ion Ratio Lower Upper

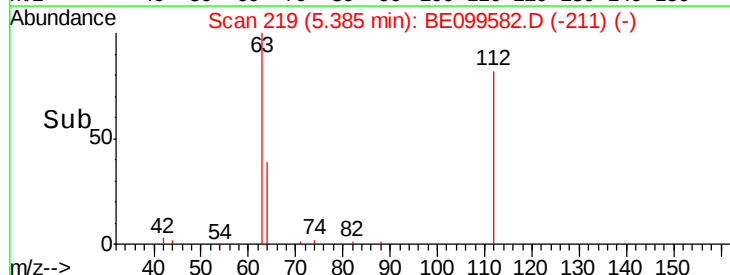
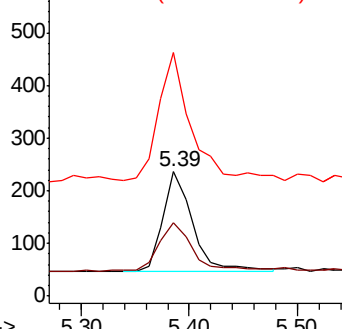
112 100

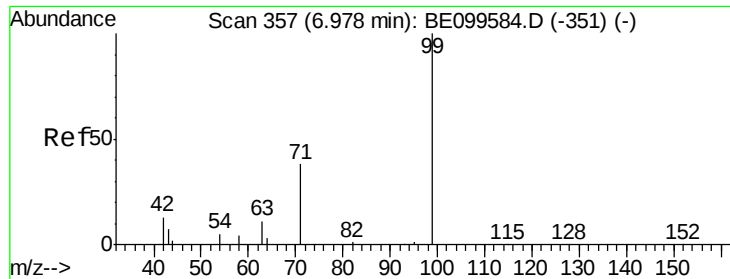
64 58.3 46.2 69.4

63 141.1 100.2 150.4



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: 0.082 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

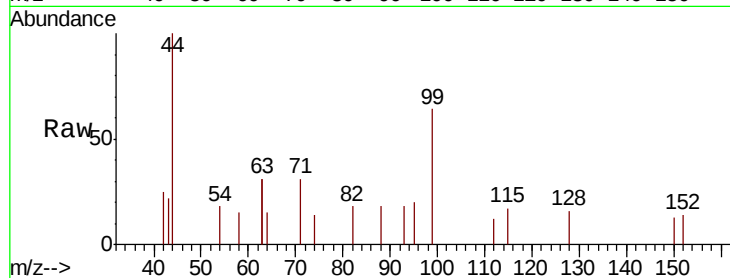
Tot Ion: 99 Resp: 439

Ion Ratio Lower Upper

99 100

42 18.2 13.8 20.8

71 38.0 32.2 48.4



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

6.99

250

200

150

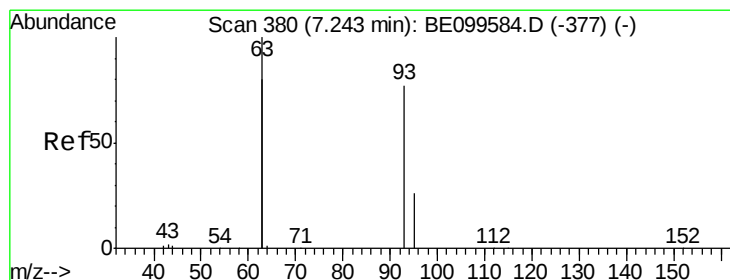
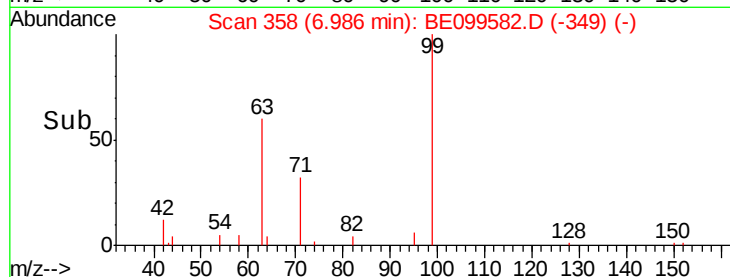
100

50

0

6.90 7.00 7.10

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.087 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.01 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

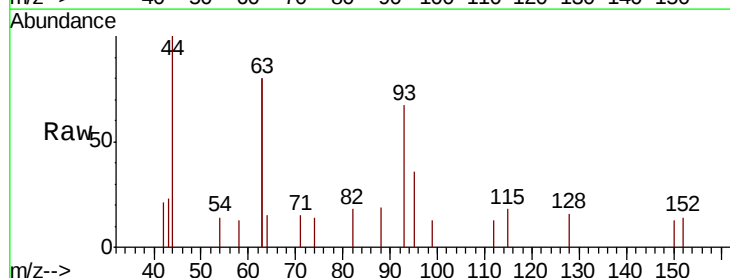
Tgt Ion: 93 Resp: 390

Ion Ratio Lower Upper

93 100

63 254.4 213.4 320.0

95 32.6 24.9 37.3



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

800

600

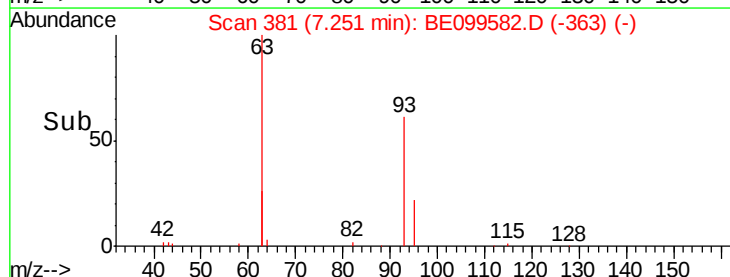
400

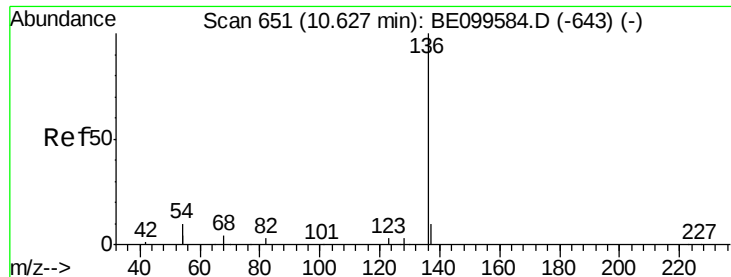
200

0

7.20 7.25 7.30 7.35

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

Tot Ion:136 Resp: 5199

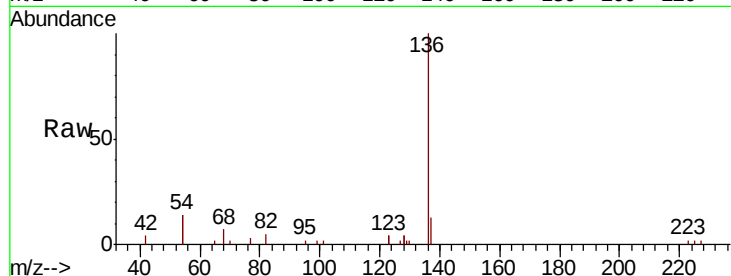
Ion Ratio Lower Upper

136 100

137 12.6 9.1 13.7

54 27.4 16.5 24.7#

68 7.1 4.5 6.7#

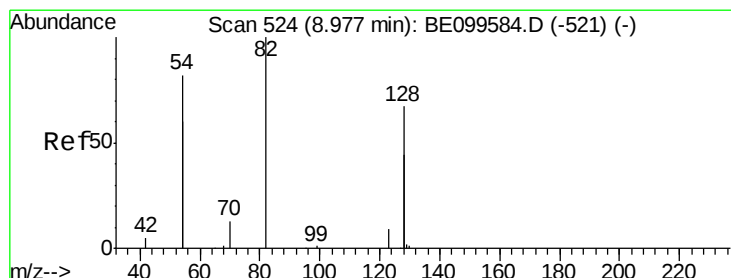
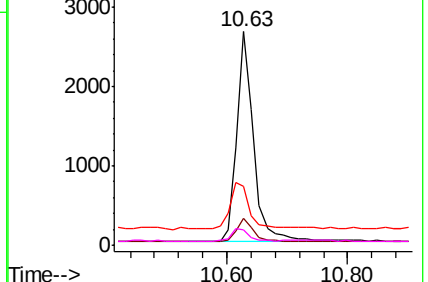
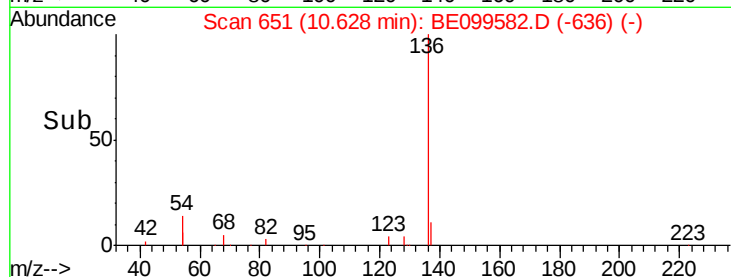


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.080 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

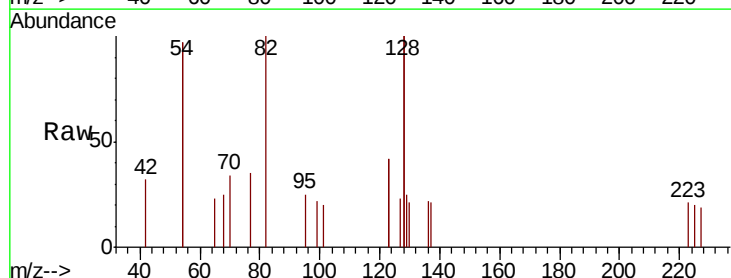
Tgt Ion: 82 Resp: 399

Ion Ratio Lower Upper

82 100

128 199.1 101.5 152.3#

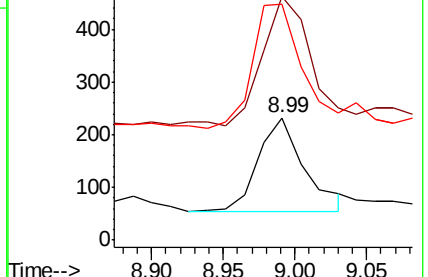
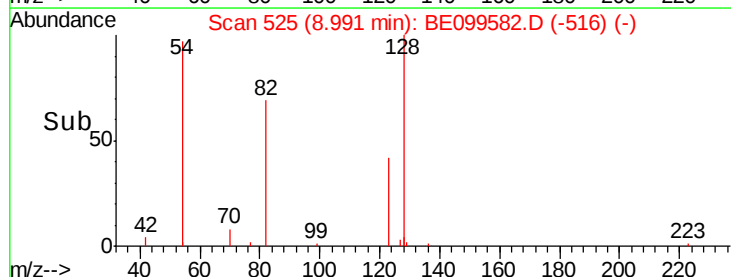
54 193.1 123.8 185.6#

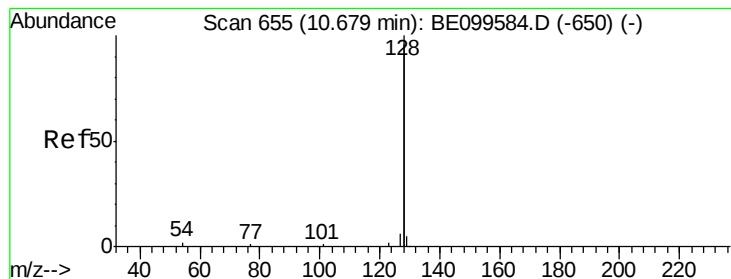


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

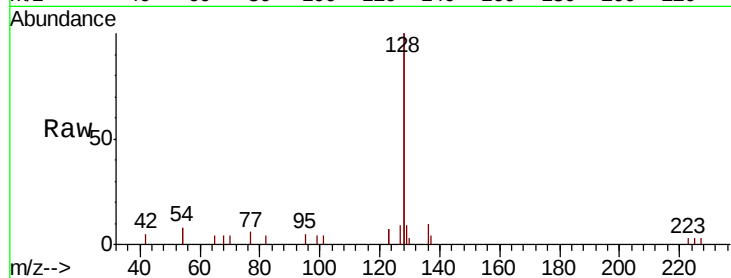
Tot Ion:128 Resp: 5321

Ion Ratio Lower Upper

128 100

129 4.4 2.4 3.6#

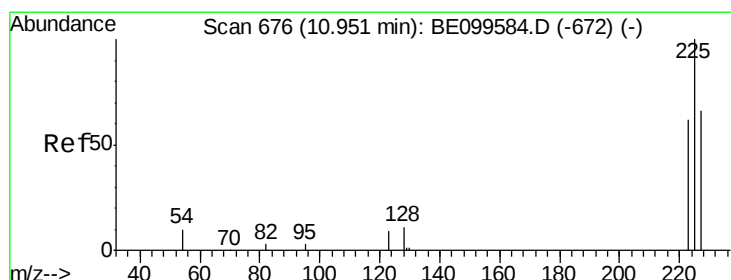
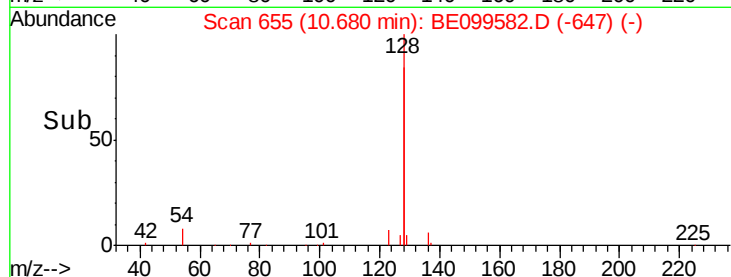
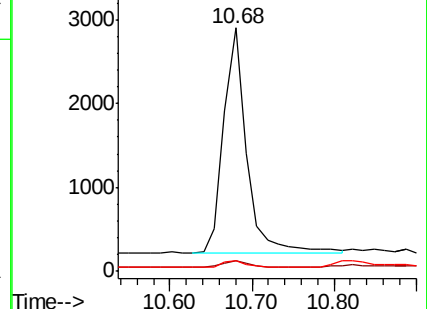
127 4.3 2.8 4.2#



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: 0.101 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

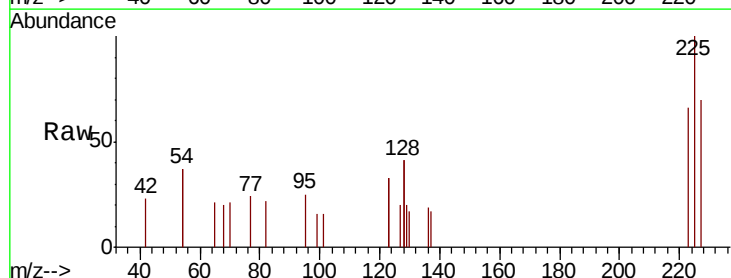
Tgt Ion:225 Resp: 403

Ion Ratio Lower Upper

225 100

223 62.0 49.6 74.4

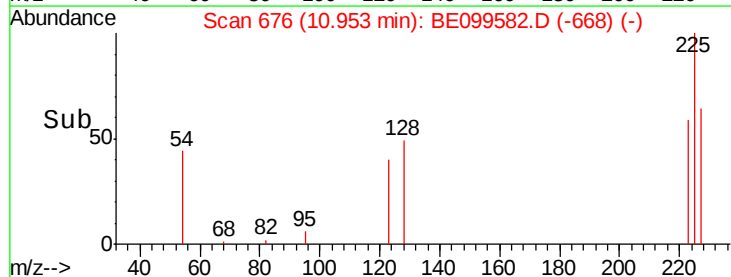
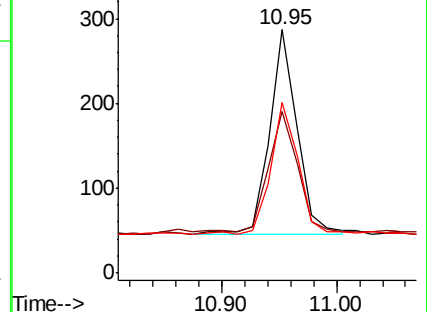
227 63.8 50.1 75.1

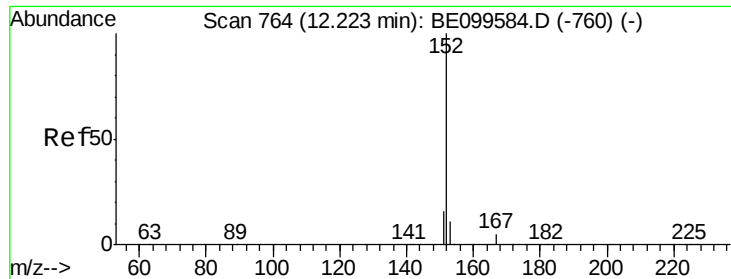


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

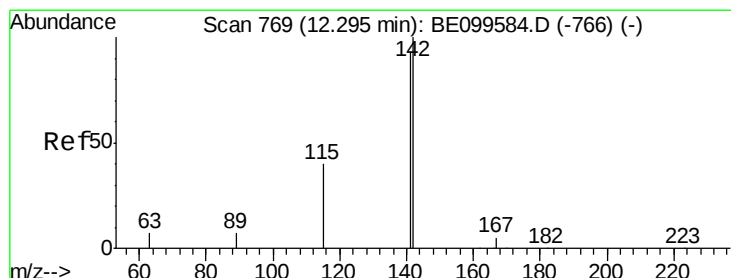
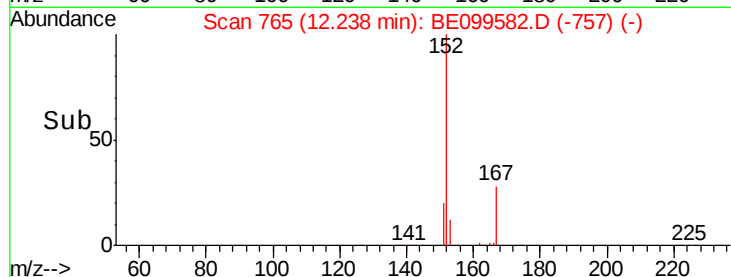
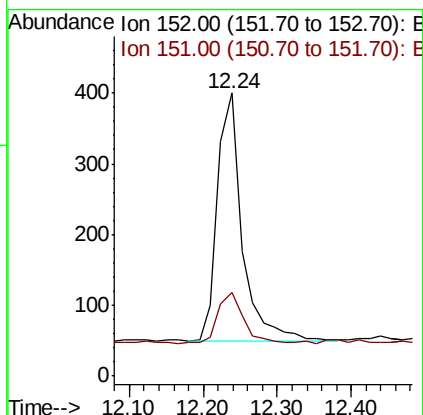
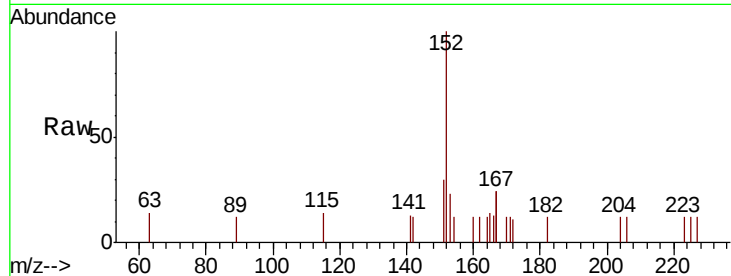




#11
2-Methylnaphthalene-d10
Concen: 0.090 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.02 min
Lab File: BE099582.D
Acq: 9 May 2019 9:21

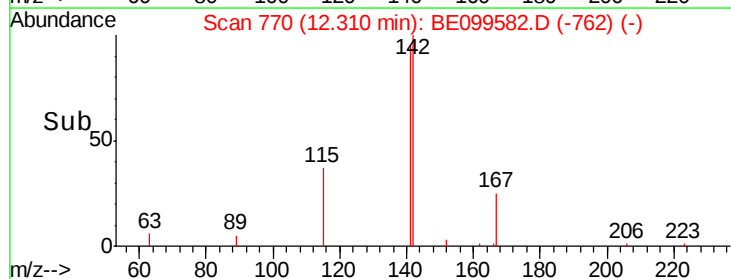
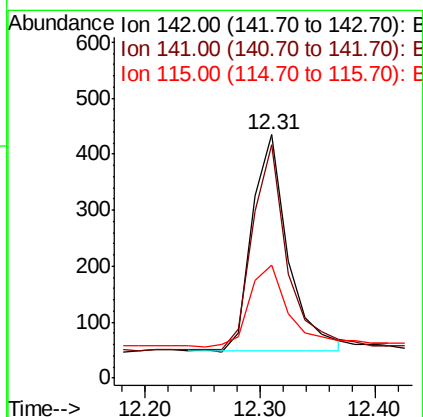
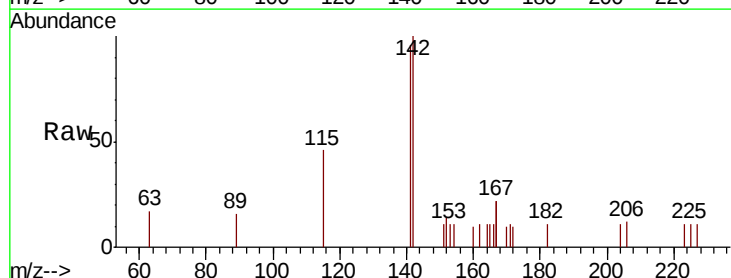
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

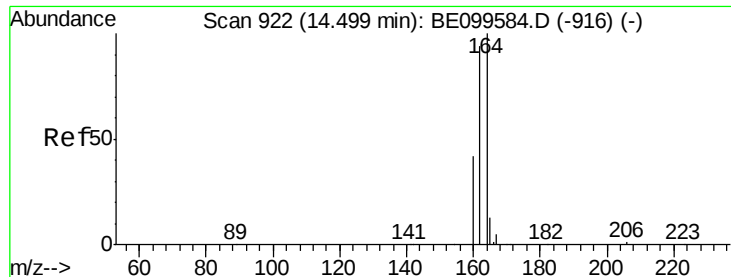
Tot Ion:152 Resp: 813
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.090 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.02 min
Lab File: BE099582.D
Acq: 9 May 2019 9:21

Tgt Ion:142 Resp: 838
Ion Ratio Lower Upper
142 100
141 95.6 75.0 112.4
115 46.2 33.7 50.5

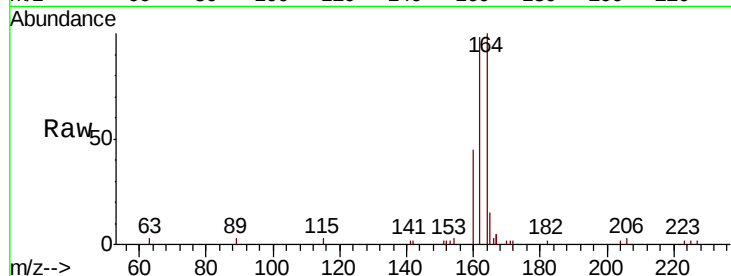




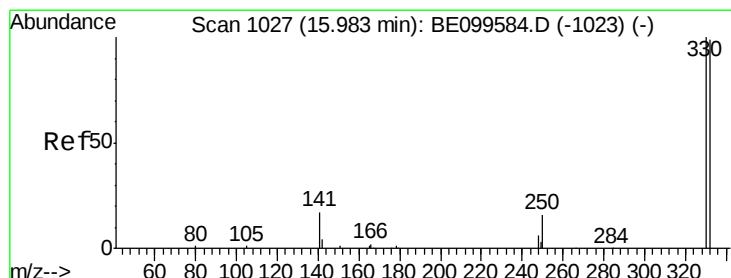
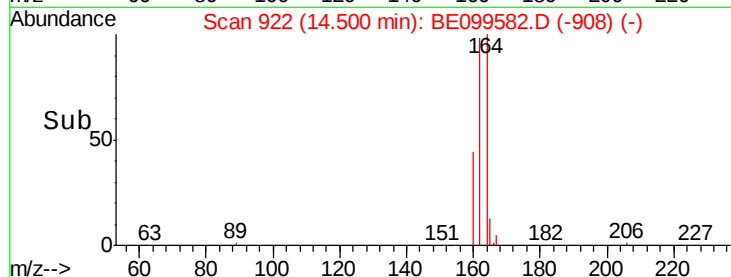
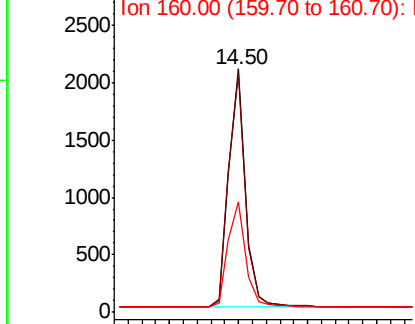
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099582.D
Acq: 9 May 2019 9:21

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:164 Resp: 3468
Ion Ratio Lower Upper
164 100
162 97.8 75.3 112.9
160 45.3 34.7 52.1

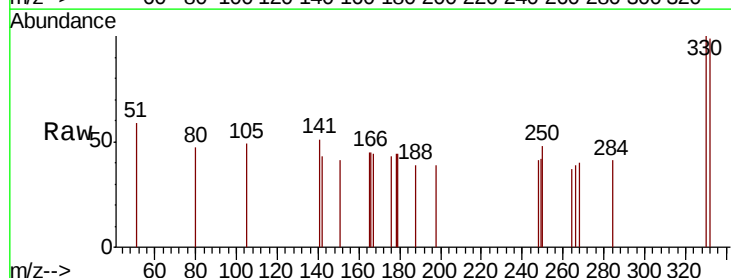


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

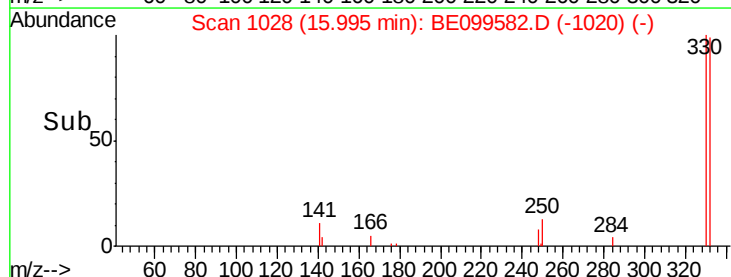
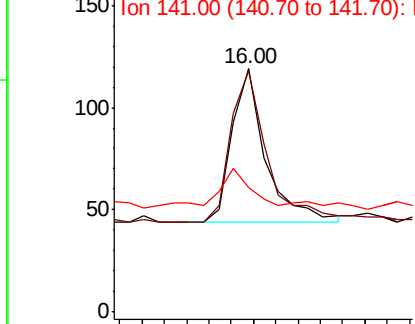


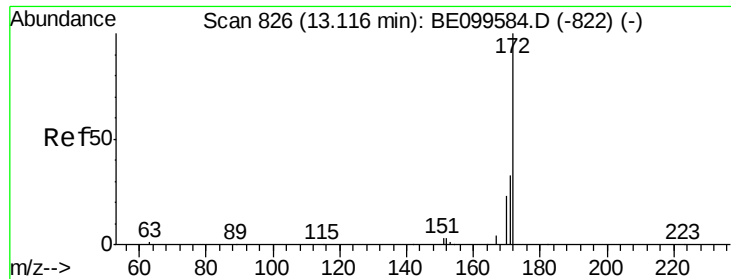
#14
2,4,6-Tribromophenol
Concen: 0.068 ng
RT: 16.00 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE099582.D
Acq: 9 May 2019 9:21

Tgt Ion:330 Resp: 157
Ion Ratio Lower Upper
330 100
332 114.6 78.7 118.1
141 20.4 22.3 33.5#



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

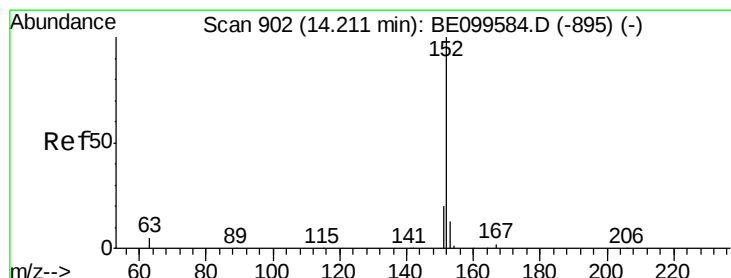
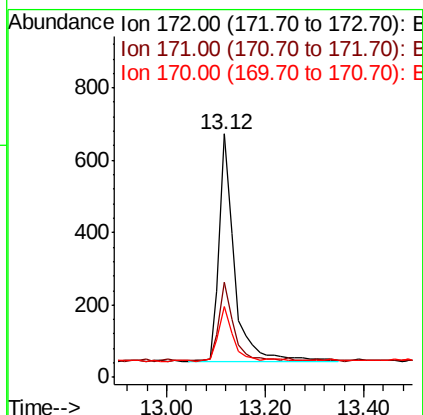
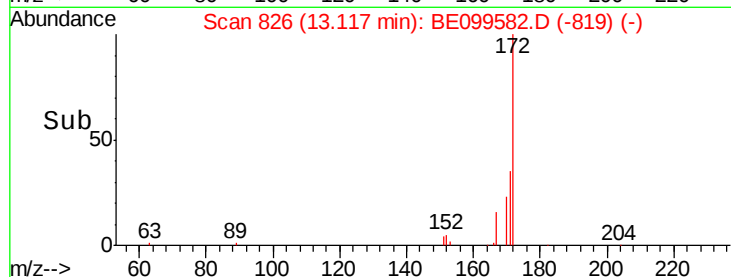
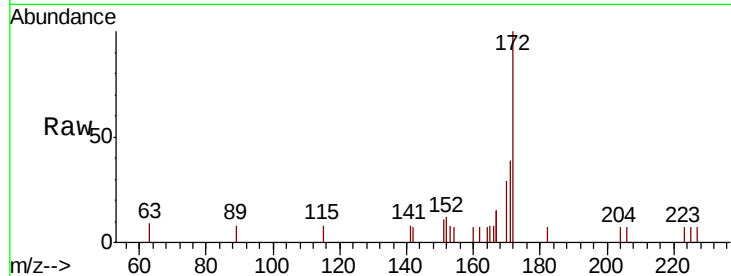




#15
2-Fluorobiphenyl
Concen: 0.102 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099582.D
Acq: 9 May 2019 9:21

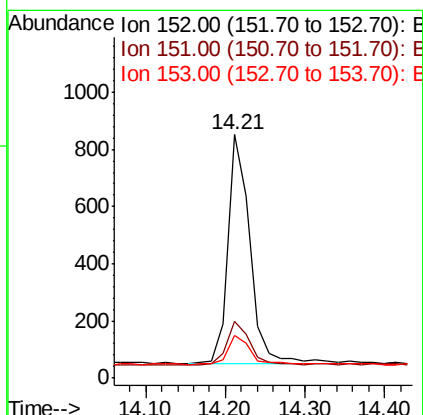
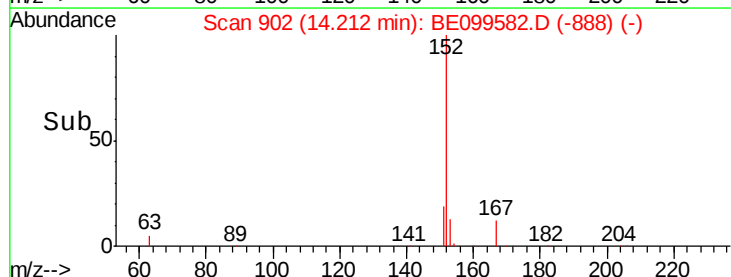
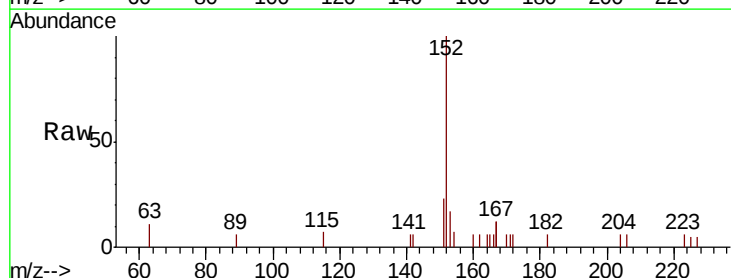
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

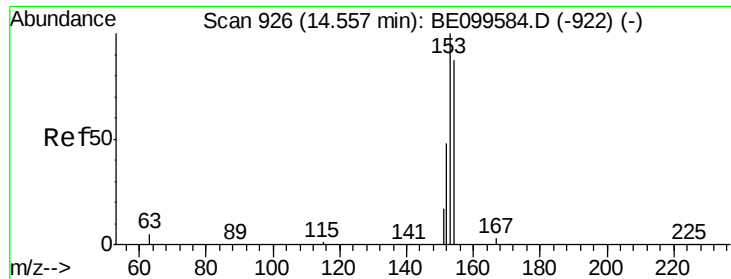
Tot Ion:172 Resp: 1342
Ion Ratio Lower Upper
172 100
171 39.1 27.5 41.3
170 29.0 19.1 28.7#



#16
Acenaphthylene
Concen: 0.092 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099582.D
Acq: 9 May 2019 9:21

Tgt Ion:152 Resp: 1545
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 13.1 10.2 15.4

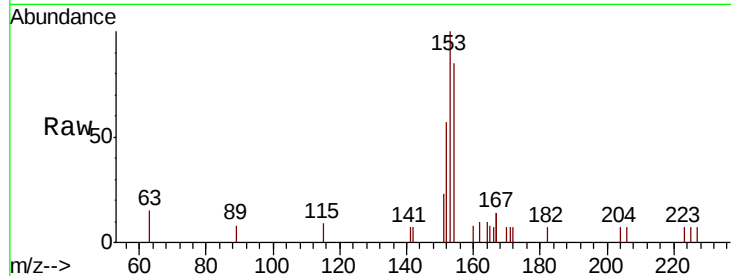




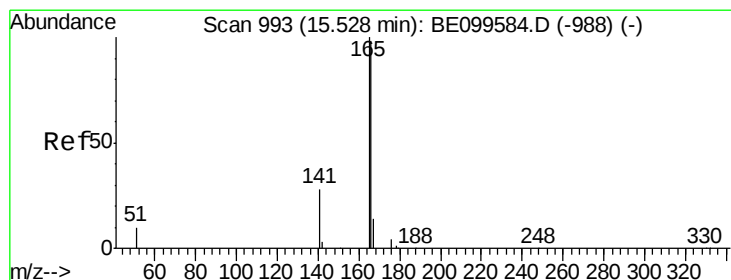
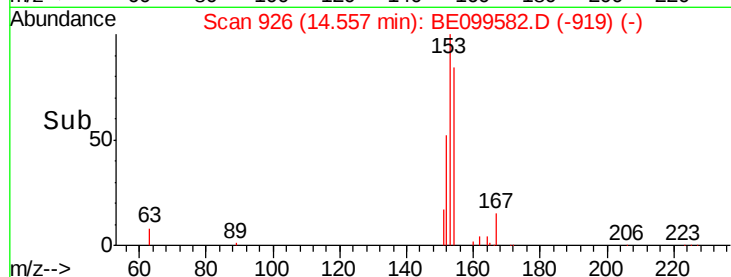
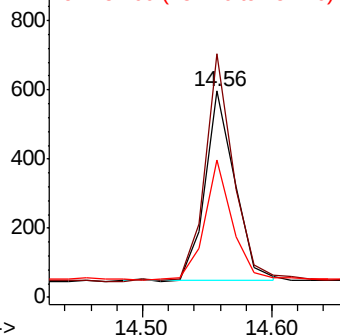
#17
Acenaphthene
Concen: 0.093 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099582.D
Acq: 9 May 2019 9:21

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:154 Resp: 866
Ion Ratio Lower Upper
154 100
153 117.1 92.9 139.3
152 59.6 46.3 69.5

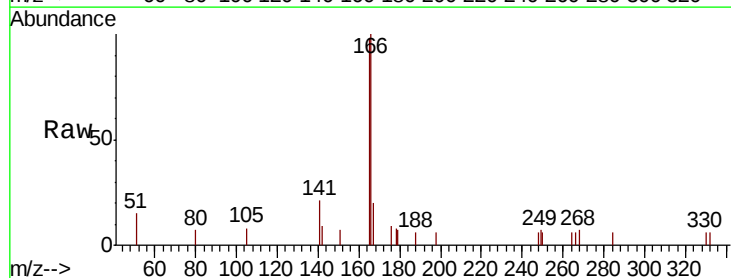


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

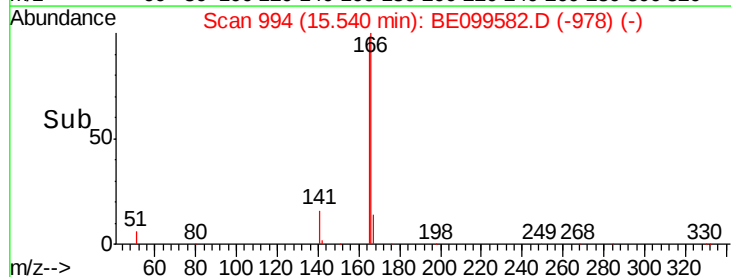
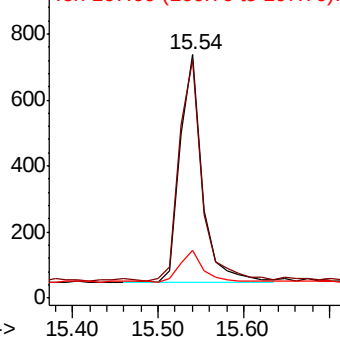


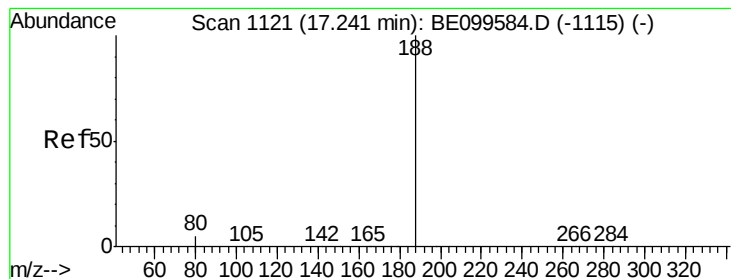
#18
Fluorene
Concen: 0.094 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.01 min
Lab File: BE099582.D
Acq: 9 May 2019 9:21

Tgt Ion:166 Resp: 1249
Ion Ratio Lower Upper
166 100
165 98.5 80.5 120.7
167 14.7 11.6 17.4



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. -0.00 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

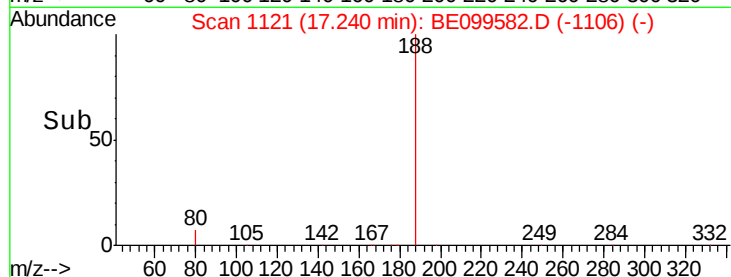
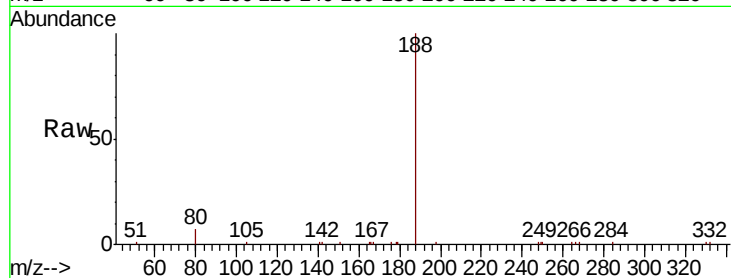
Tot Ion:188 Resp: 9866

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

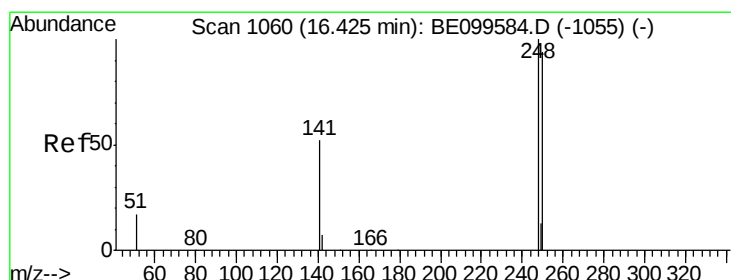
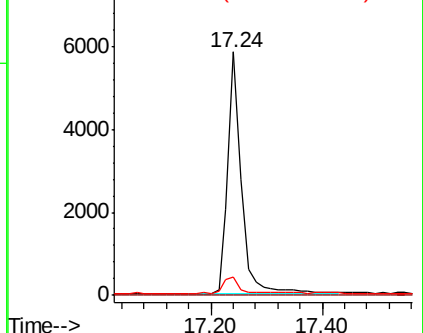
80 7.4 4.4 6.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.095 ng

RT: 16.44 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

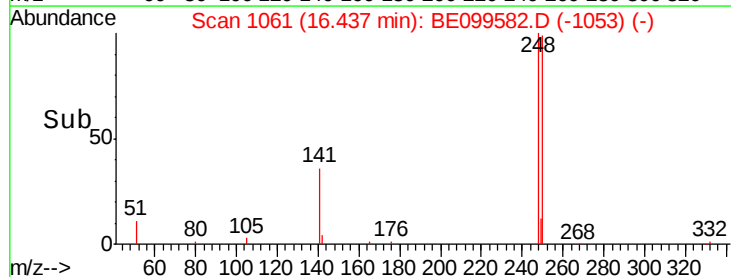
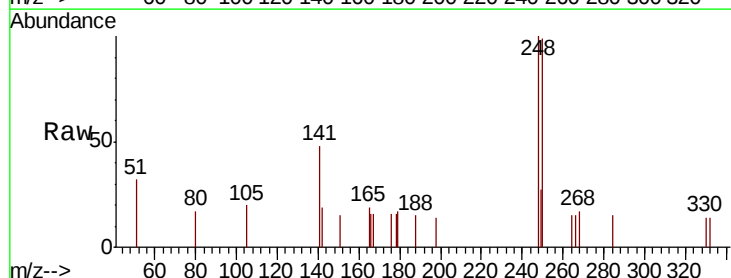
Tgt Ion:248 Resp: 530

Ion Ratio Lower Upper

248 100

250 99.4 75.7 113.5

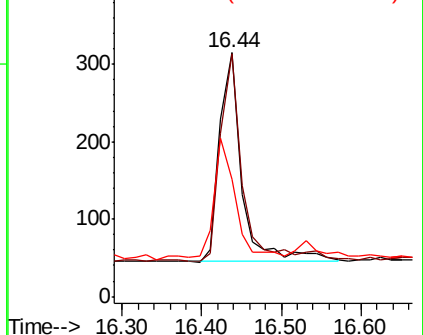
141 47.9 42.9 64.3

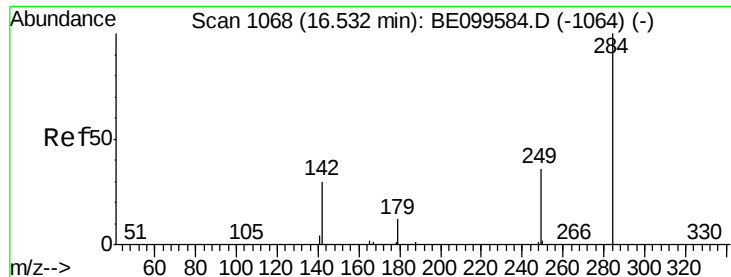


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.097 ng

RT: 16.54 min Scan# 1069

Delta R.T. 0.01 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

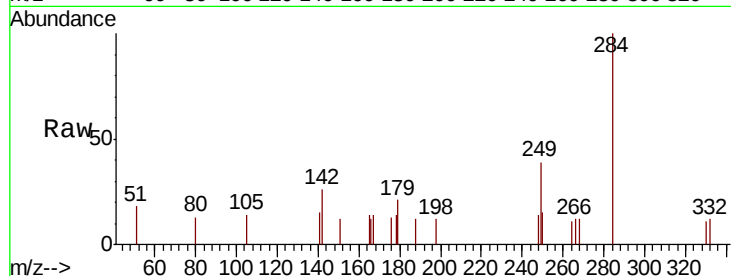
Tot Ion:284 Resp: 543

Ion Ratio Lower Upper

284 100

142 25.0 20.6 30.8

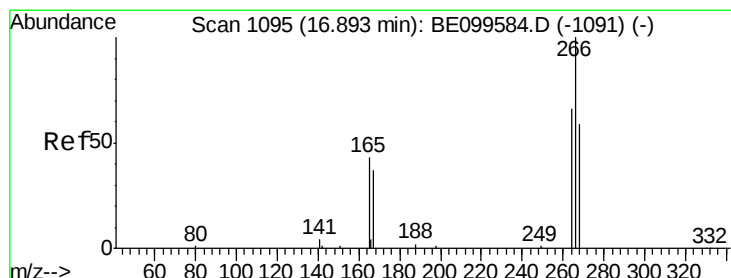
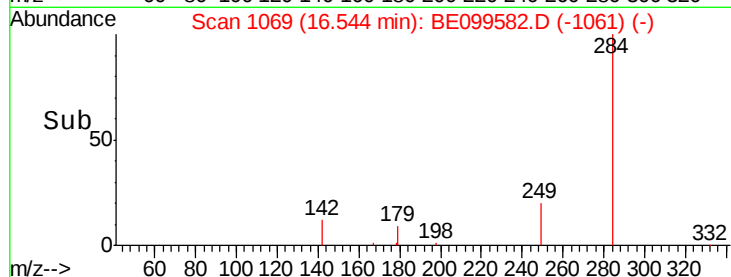
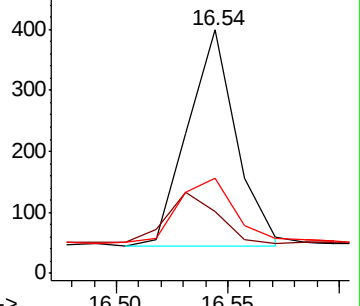
249 35.9 25.8 38.6



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: 0.054 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

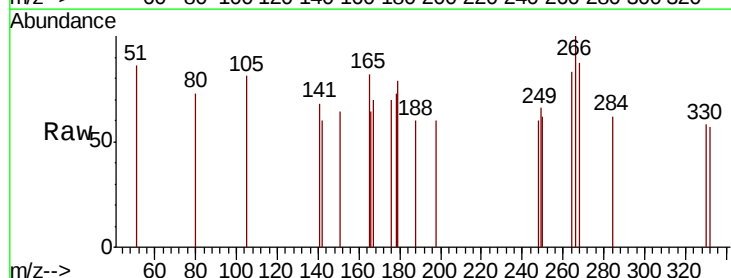
Tgt Ion:266 Resp: 124

Ion Ratio Lower Upper

266 100

264 83.1 57.3 85.9

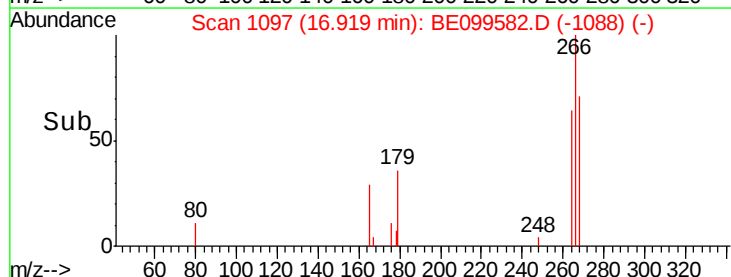
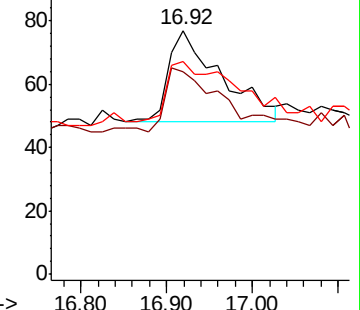
268 87.0 53.5 80.3#

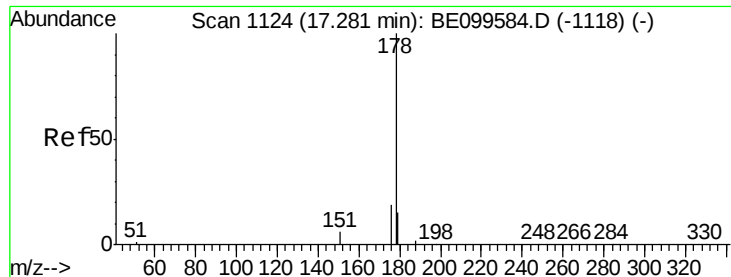


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.095 ng

RT: 17.28 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

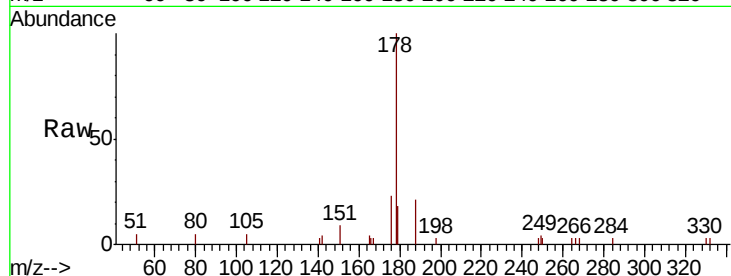
Tot Ion:178 Resp: 2302

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.6

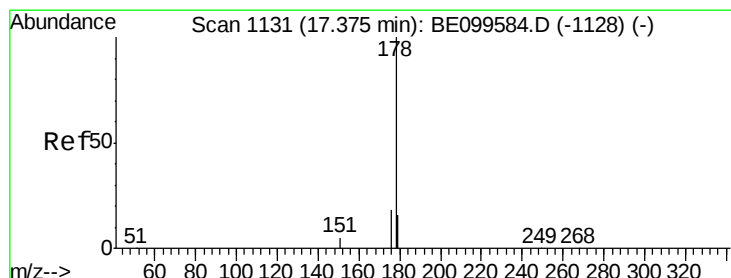
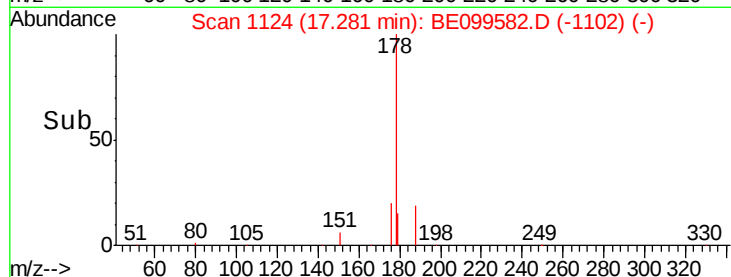
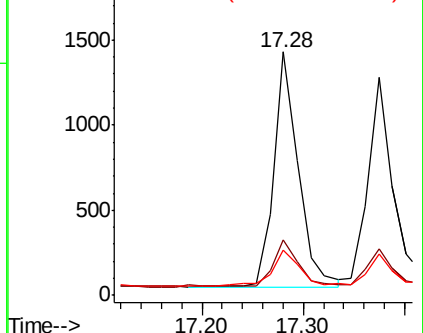
179 17.3 12.2 18.2



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: 0.088 ng

RT: 17.37 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

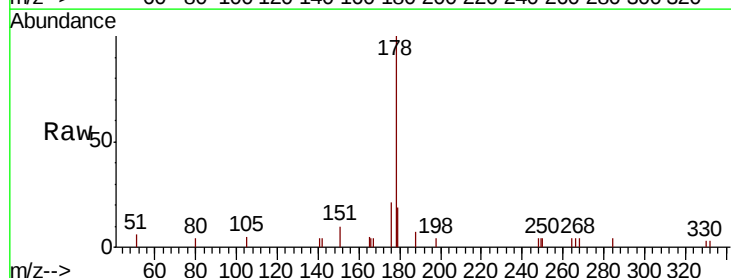
Tgt Ion:178 Resp: 2069

Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

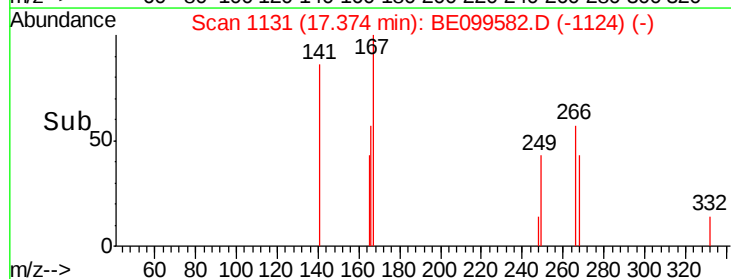
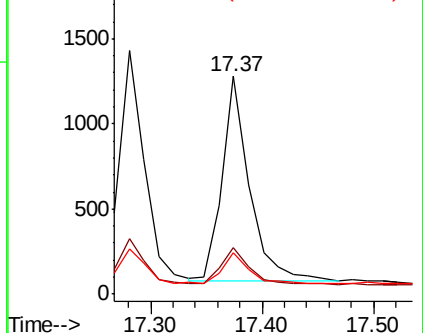
179 15.0 12.3 18.5

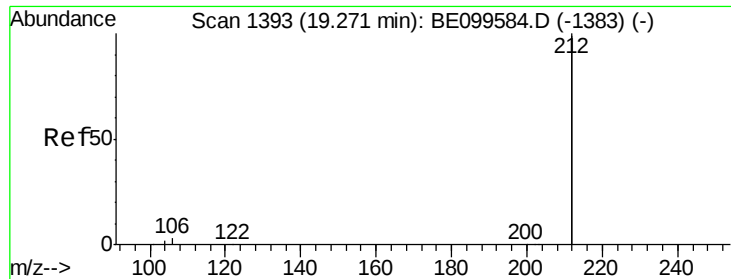


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.096 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

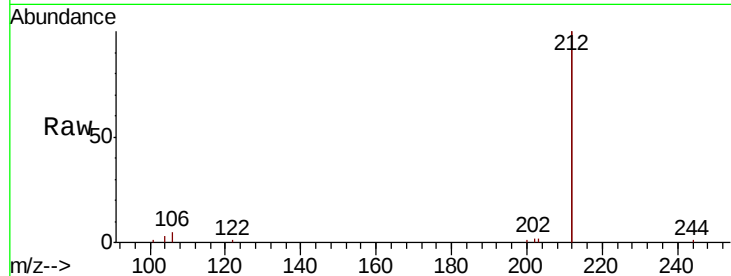
Tot Ion:212 Resp: 12762

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

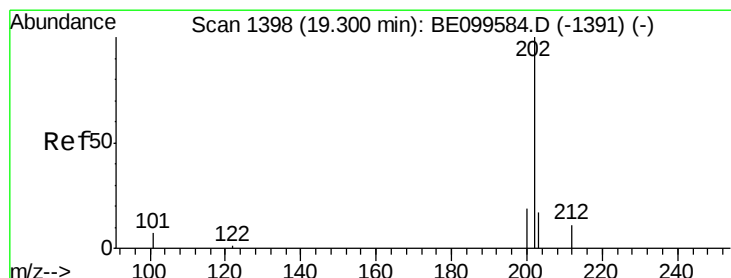
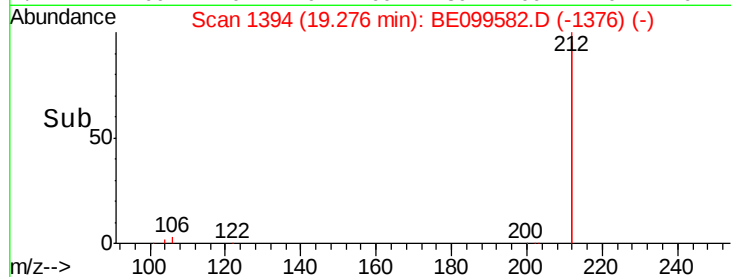
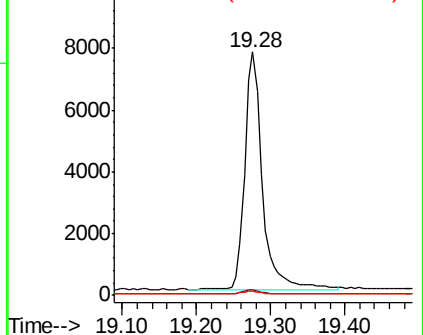
104 1.2 0.9 1.3



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. 0.00 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

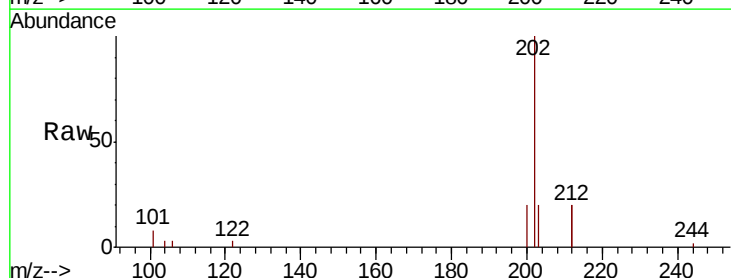
Tgt Ion:202 Resp: 3502

Ion Ratio Lower Upper

202 100

101 6.7 5.4 8.2

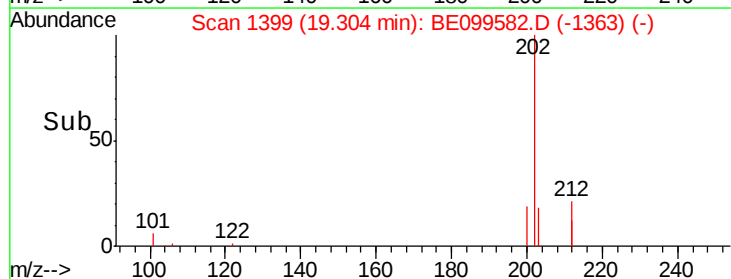
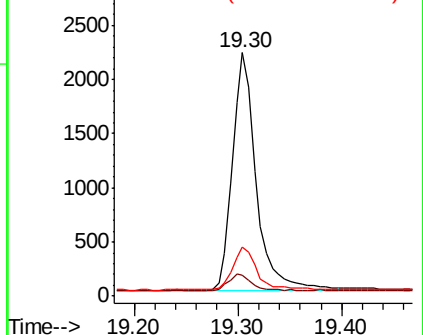
203 17.9 13.7 20.5

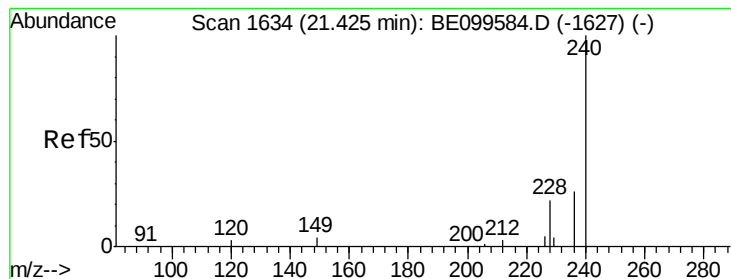


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.00 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

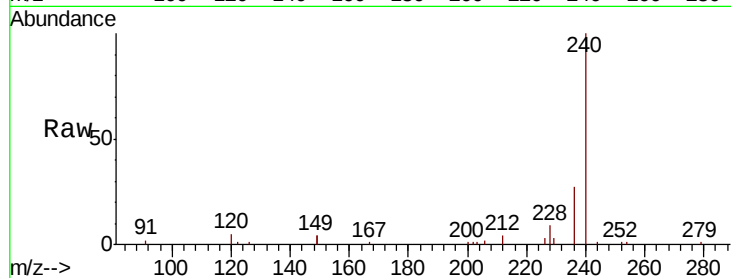
Tot Ion:240 Resp: 14290

Ion Ratio Lower Upper

240 100

120 5.0 3.2 4.8#

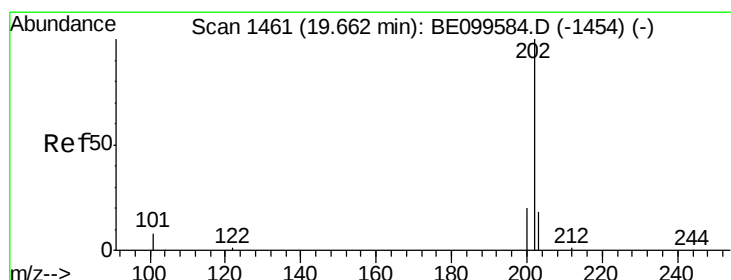
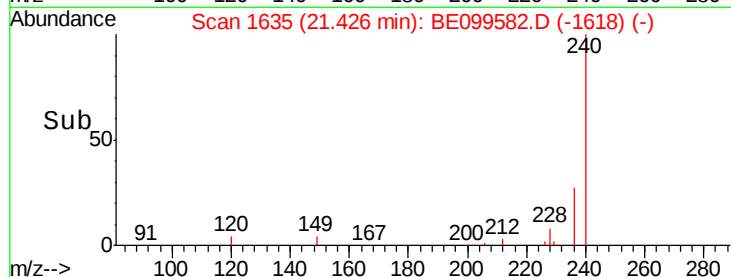
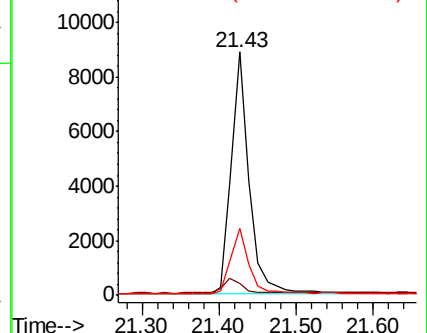
236 27.3 21.0 31.6



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



#28

Pyrene

Concen: 0.096 ng

RT: 19.67 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

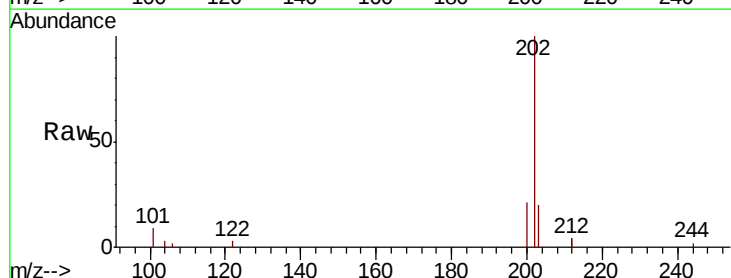
Tgt Ion:202 Resp: 3688

Ion Ratio Lower Upper

202 100

200 19.3 15.9 23.9

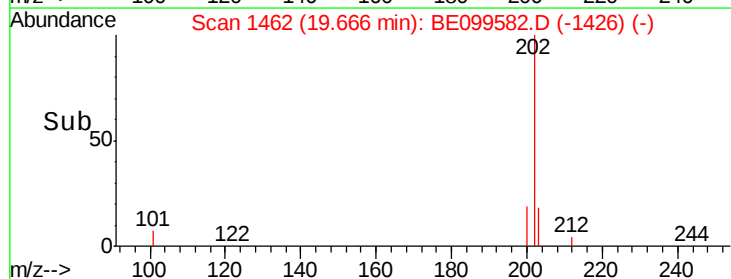
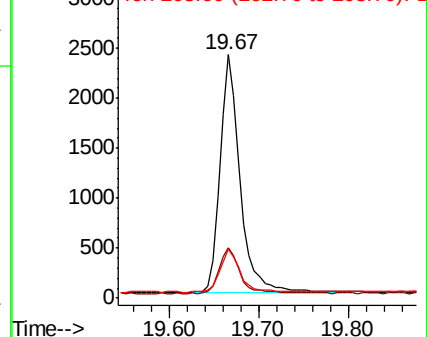
203 18.8 14.1 21.1

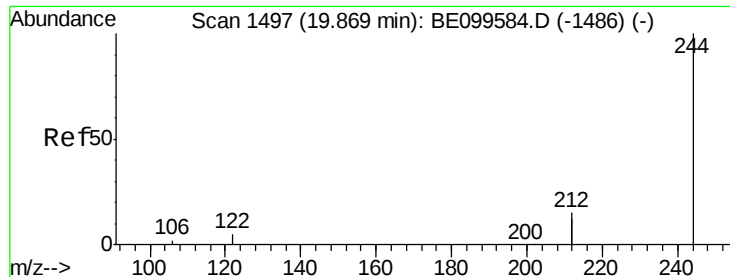


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.091 ng

RT: 19.87 min Scan# 1498

Delta R.T. 0.00 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

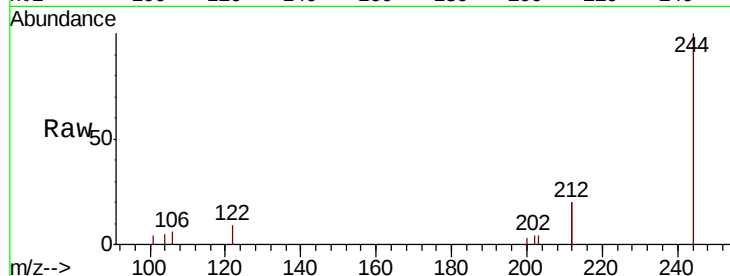
Tot Ion:244 Resp: 2418

Ion Ratio Lower Upper

244 100

212 39.8 24.4 36.6#

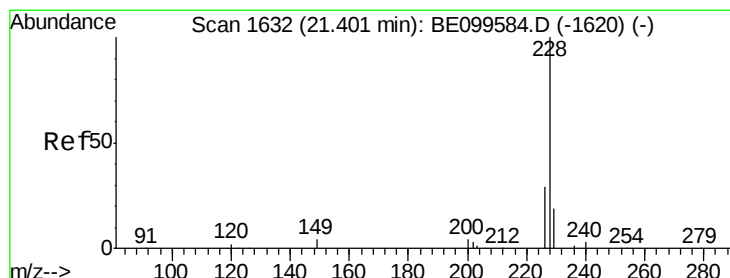
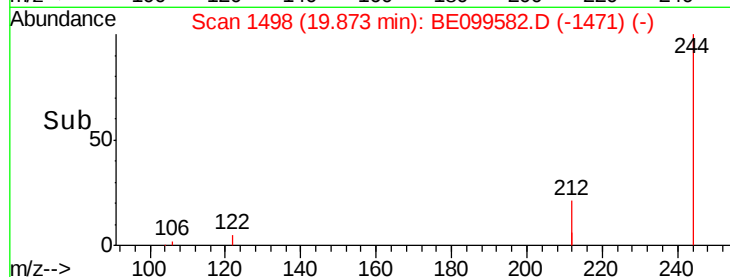
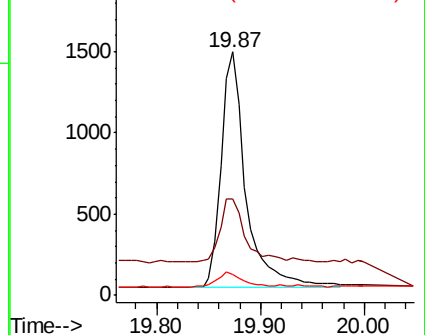
122 8.7 4.6 6.8#



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



#30

Benzo(a)anthracene

Concen: 0.096 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.06 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

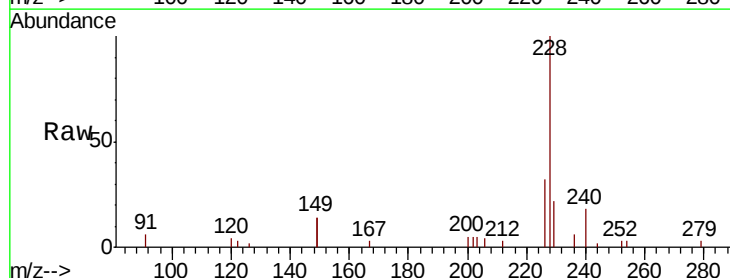
Tgt Ion:228 Resp: 4255

Ion Ratio Lower Upper

228 100

226 31.8 23.3 34.9

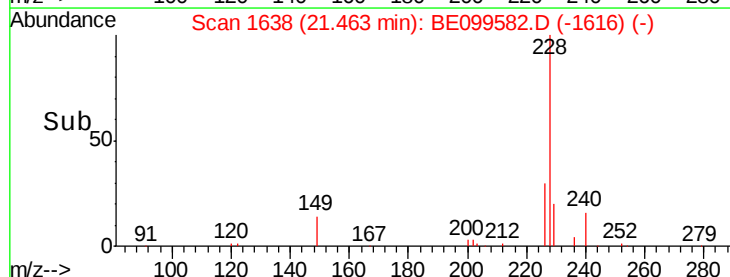
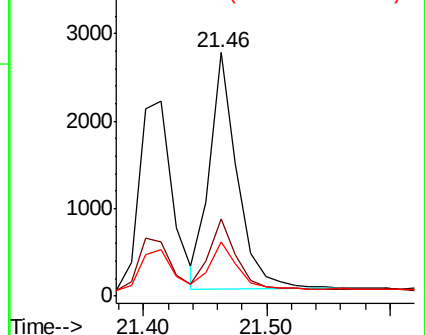
229 22.1 15.5 23.3

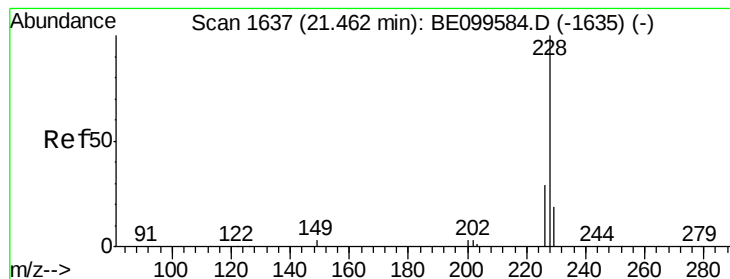


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.096 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

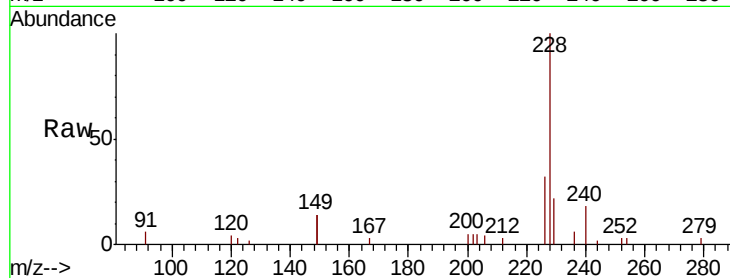
Tot Ion:228 Resp: 4197

Ion Ratio Lower Upper

228 100

226 31.8 23.2 34.8

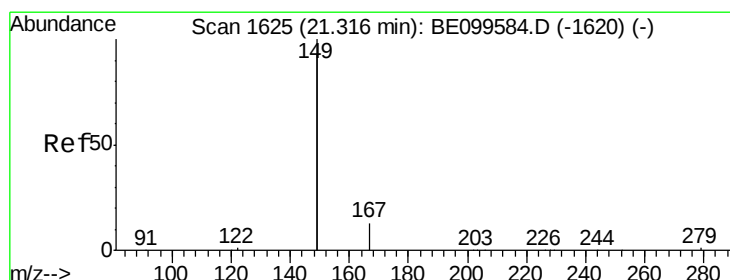
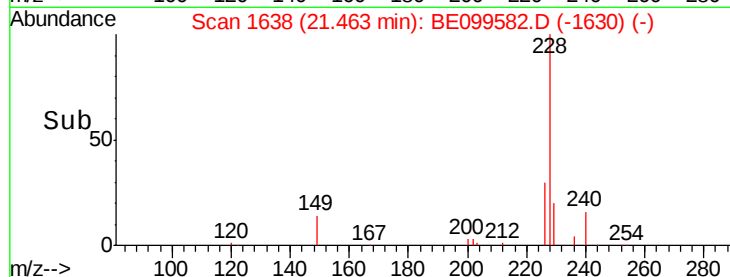
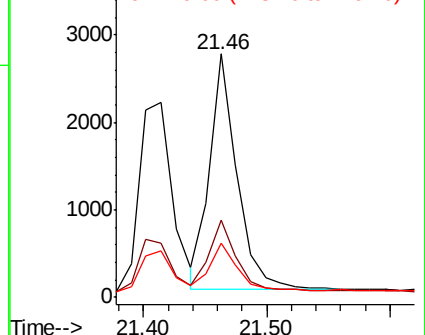
229 22.1 15.6 23.4



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: 0.105 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

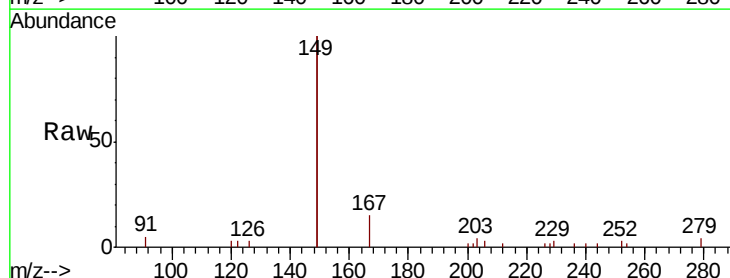
Tgt Ion:149 Resp: 7394

Ion Ratio Lower Upper

149 100

167 7.9 6.0 9.0

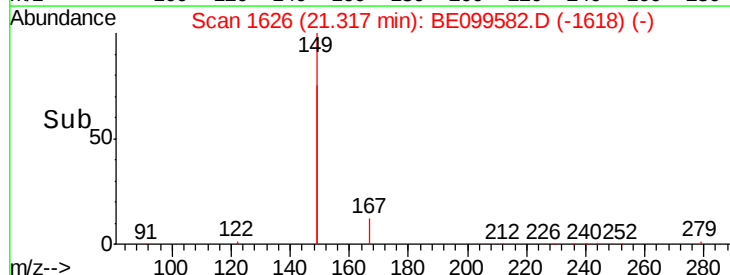
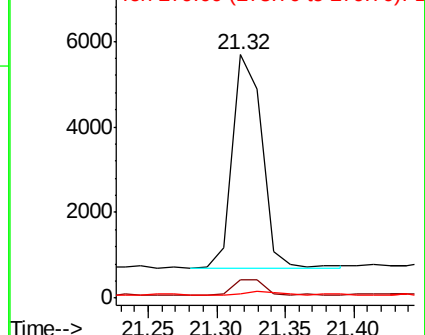
279 1.6 1.1 1.7

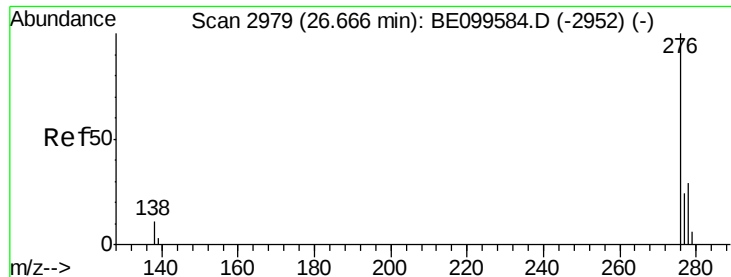


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.103 ng

RT: 26.67 min Scan# 2982

Delta R.T. 0.01 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

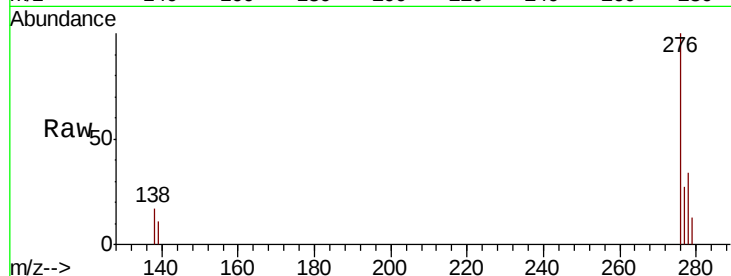
Tot Ion:276 Resp: 5341

Ion Ratio Lower Upper

276 100

138 8.5 10.2 15.2#

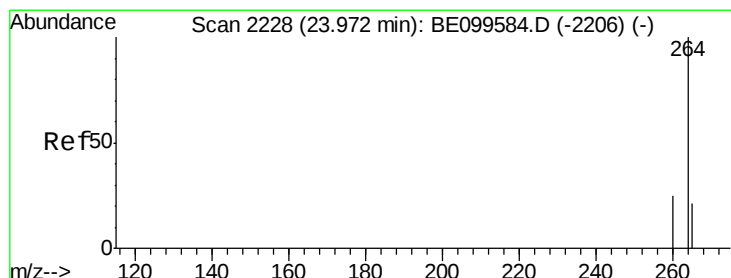
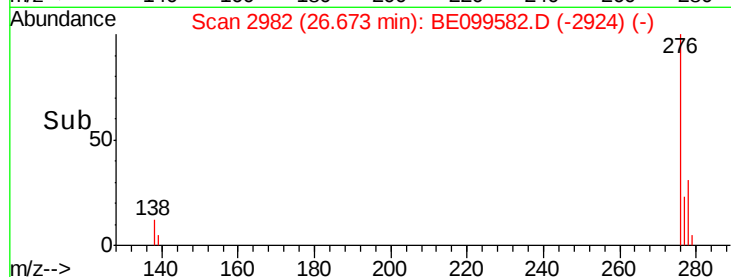
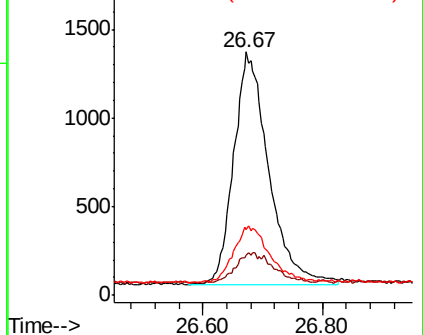
277 23.7 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.98 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

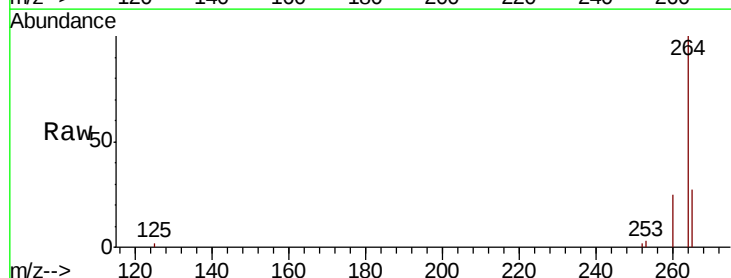
Tgt Ion:264 Resp: 16208

Ion Ratio Lower Upper

264 100

260 25.3 20.3 30.5

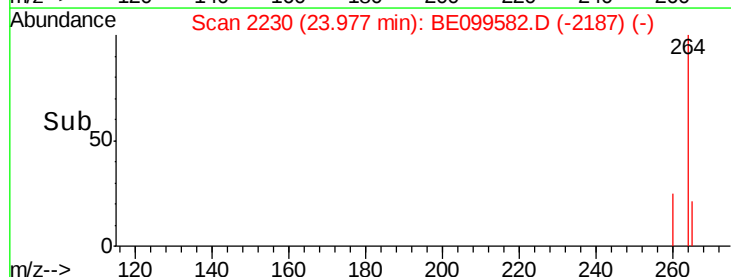
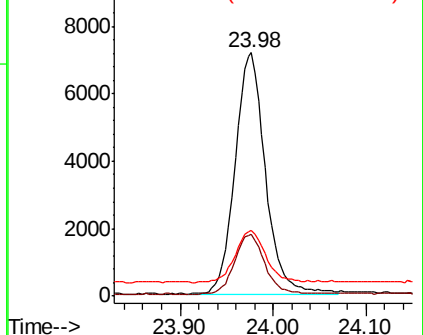
265 26.7 20.9 31.3

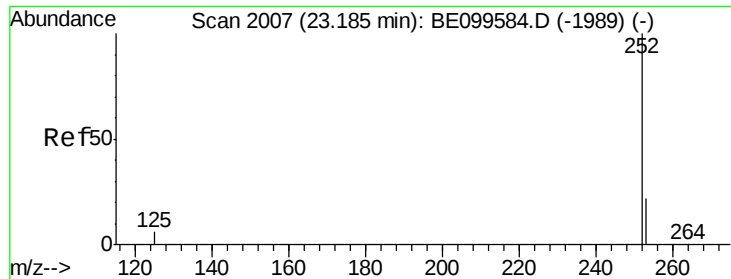


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

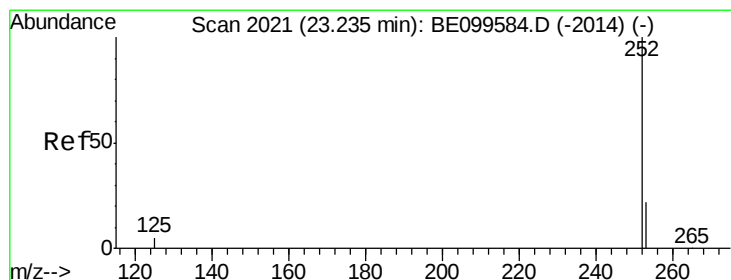
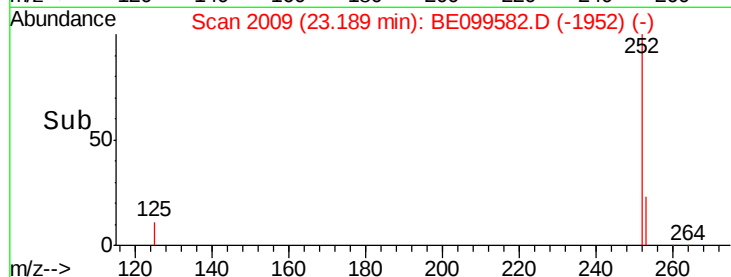
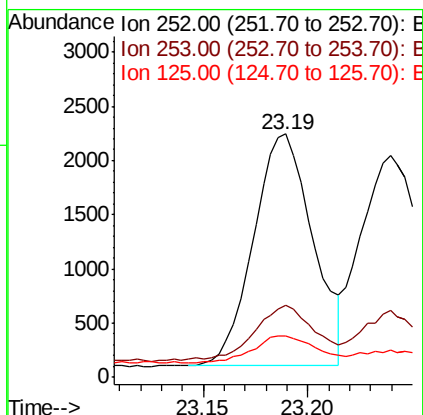
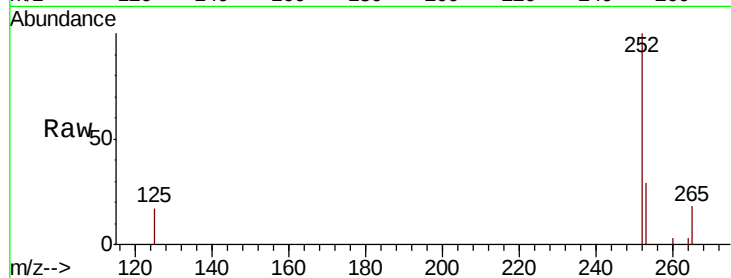




#35
Benzo(b)fluoranthene
Concen: 0.095 ng
RT: 23.19 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BE099582.D
Acq: 9 May 2019 9:21

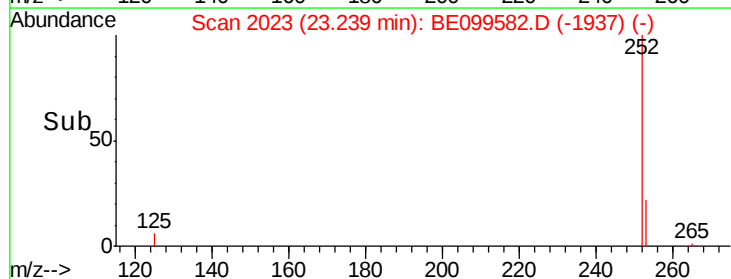
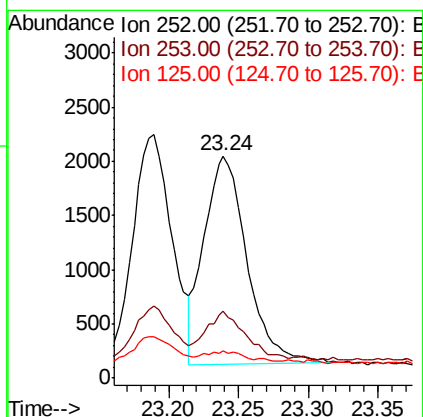
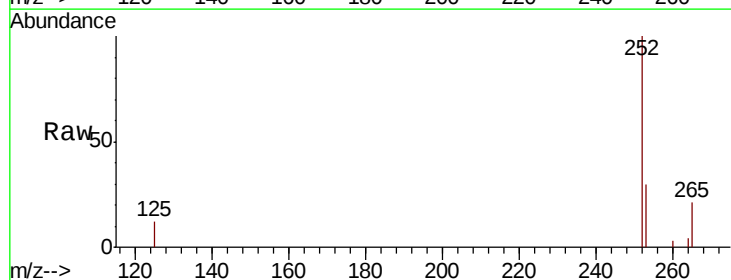
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

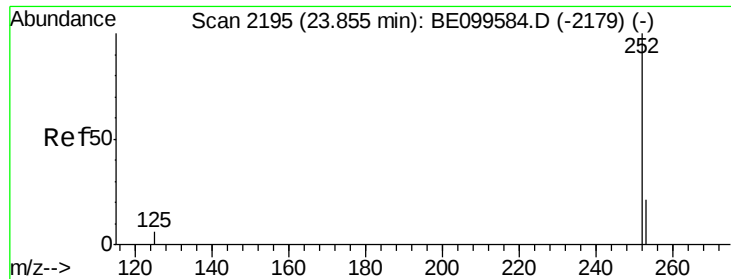
Tot Ion:252 Resp: 4230
Ion Ratio Lower Upper
252 100
253 29.4 18.6 28.0#
125 17.1 6.0 9.0#



#36
Benzo(k)fluoranthene
Concen: 0.093 ng
RT: 23.24 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BE099582.D
Acq: 9 May 2019 9:21

Tgt Ion:252 Resp: 4095
Ion Ratio Lower Upper
252 100
253 30.0 18.7 28.1#
125 12.3 5.1 7.7#





#37

Benzo(a)pyrene

Concen: 0.097 ng

RT: 23.86 min Scan# 2198

Delta R.T. 0.01 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

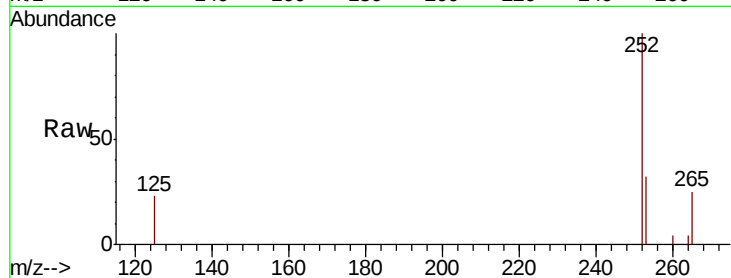
Tot Ion:252 Resp: 4167

Ion Ratio Lower Upper

252 100

253 31.8 18.6 27.8#

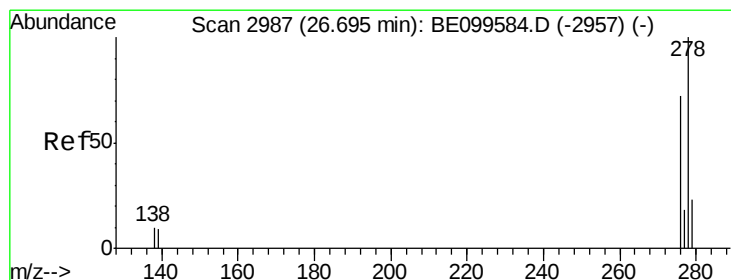
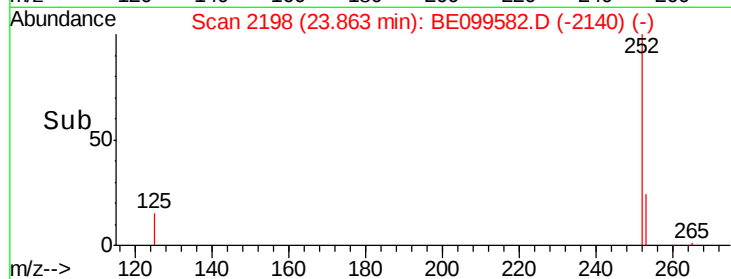
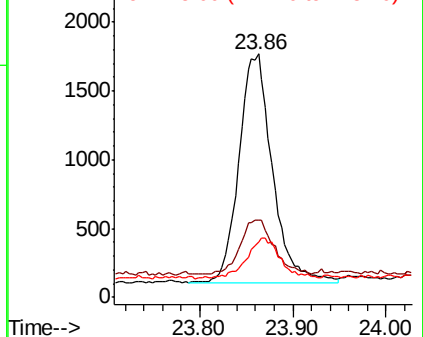
125 22.5 6.4 9.6#



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: 0.094 ng

RT: 26.70 min Scan# 2990

Delta R.T. 0.01 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

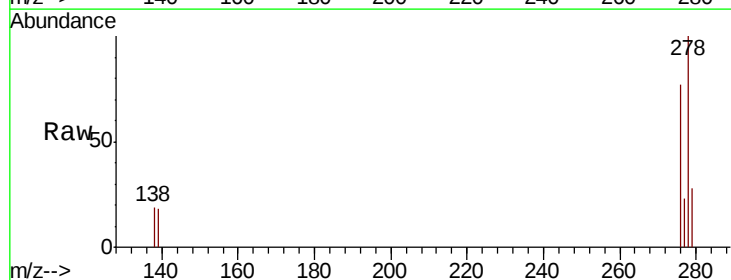
Tgt Ion:278 Resp: 4201

Ion Ratio Lower Upper

278 100

139 18.2 8.3 12.5#

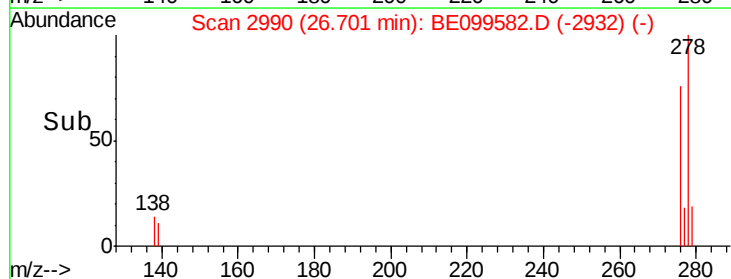
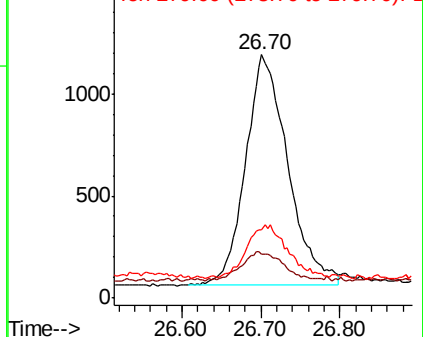
279 28.0 19.4 29.2

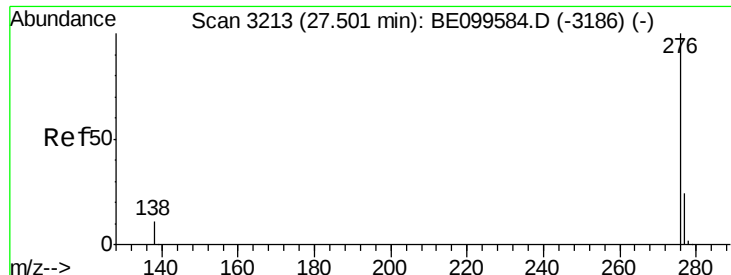


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.096 ng

RT: 27.51 min Scan# 3217

Delta R.T. 0.01 min

Lab File: BE099582.D

Acq: 9 May 2019 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

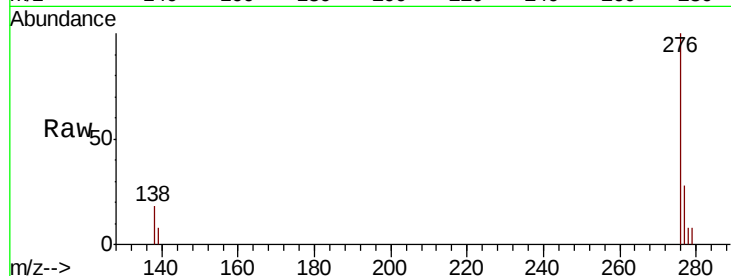
Tot Ion: 276 Resp: 4307

Ion Ratio Lower Upper

276 100

277 27.8 19.8 29.6

138 17.8 9.4 14.2



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

