

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
 Data File : BE099558.D
 Acq On : 7 May 2019 9:38
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: May 07 13:44:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 13:34:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1704	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6018	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4346	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12553	0.40	ng	0.00
27) Chrysene-d12	21.43	240	19026	0.40	ng	0.00
34) Perylene-d12	23.98	264	20678	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	443	0.09	ng	0.00
5) Phenol-d6	6.99	99	563	0.09	ng	0.01
8) Nitrobenzene-d5	8.99	82	485	0.09	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	1023	0.09	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	255	0.09	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	1600	0.10	ng	0.00
25) Fluoranthene-d10	19.28	212	16526	0.10	ng	0.00
29) Terphenyl-d14	19.87	244	3242	0.09	ng	0.00

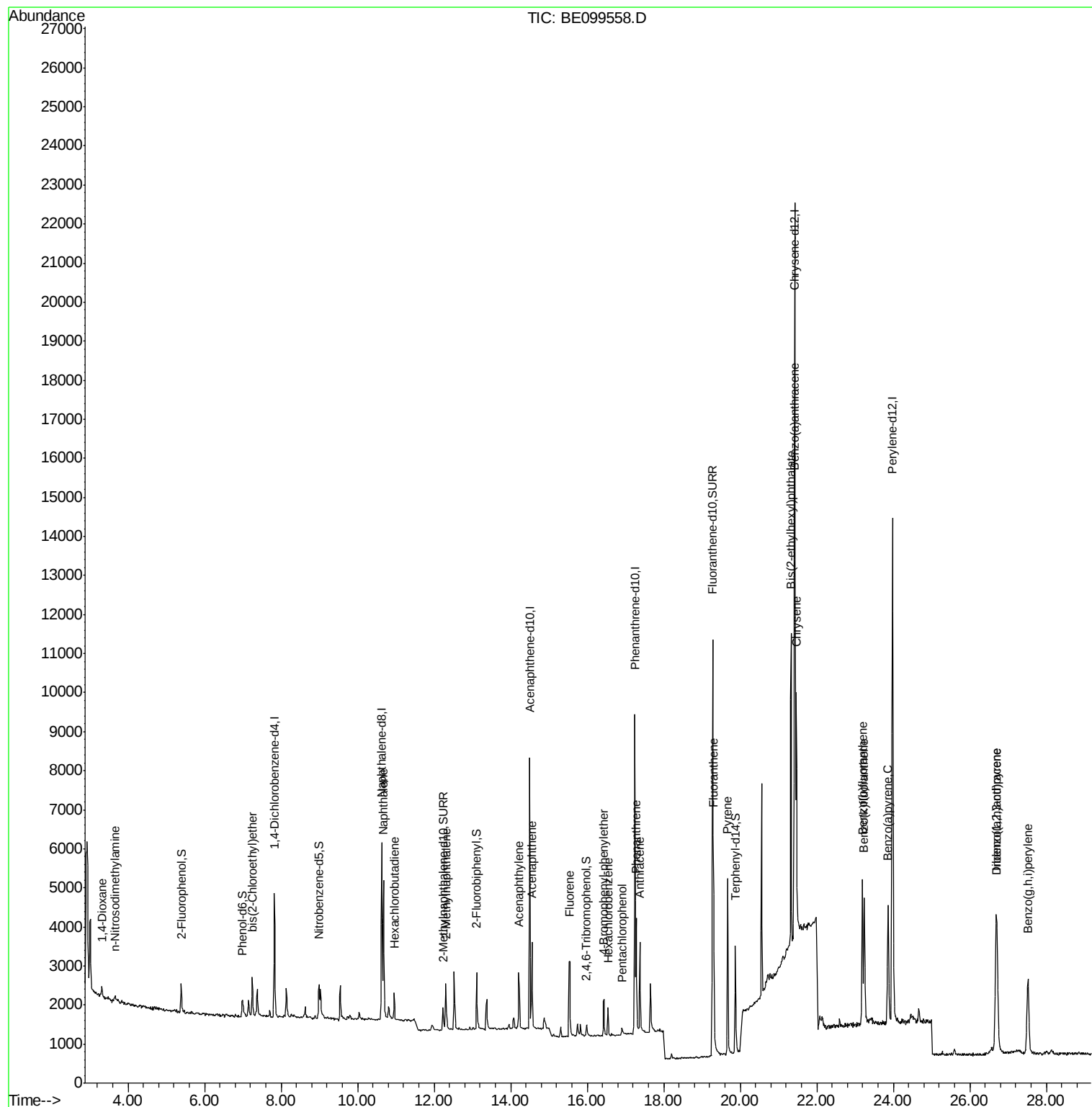
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	281	0.120	ng	# 93
3) n-Nitrosodimethylamine	3.66	42	119	0.084	ng	# 71
6) bis(2-Chloroethyl)ether	7.24	93	520	0.096	ng	85
9) Naphthalene	10.68	128	6056	0.092	ng	# 97
10) Hexachlorobutadiene	10.95	225	448	0.098	ng	99
12) 2-Methylnaphthalene	12.31	142	991	0.087	ng	# 89
16) Acenaphthylene	14.21	152	1972	0.093	ng	99
17) Acenaphthene	14.56	154	1083	0.089	ng	96
18) Fluorene	15.54	166	1500	0.084	ng	93
20) 4-Bromophenyl-phenylether	16.44	248	656	0.090	ng	# 78
21) Hexachlorobenzene	16.55	284	667	0.096	ng	95
22) Pentachlorophenol	16.91	266	233	0.074	ng	86
23) Phenanthrene	17.28	178	2875	0.089	ng	96
24) Anthracene	17.38	178	2647	0.086	ng	99
26) Fluoranthene	19.31	202	4607	0.095	ng	100
28) Pyrene	19.67	202	4837	0.098	ng	99
30) Benzo(a)anthracene	21.41	228	5661	0.093	ng	96
31) Chrysene	21.46	228	5566	0.094	ng	95
32) Bis(2-ethylhexyl)phthalate	21.33	149	10504	0.100	ng	99
33) Indeno(1,2,3-cd)pyrene	26.68	276	6549	0.093	ng	99
35) Benzo(b)fluoranthene	23.19	252	5419	0.091	ng	# 81
36) Benzo(k)fluoranthene	23.24	252	5246	0.091	ng	# 84
37) Benzo(a)pyrene	23.87	252	5293	0.094	ng	# 75
38) Dibenzo(a,h)anthracene	26.71	278	5317	0.092	ng	# 83
39) Benzo(g,h,i)perylene	27.52	276	5382	0.093	ng	# 89

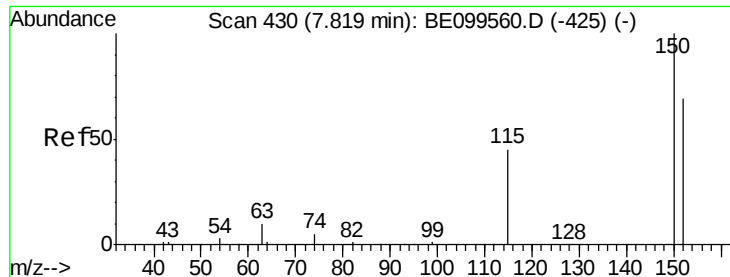
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
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QLast Update : Tue May 07 13:34:41 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

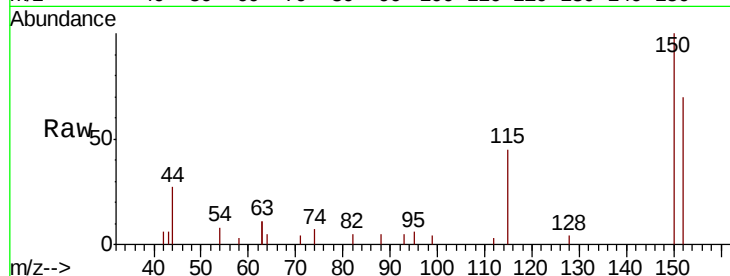
Tot Ion:152 Resp: 1704

Ion Ratio Lower Upper

152 100

150 143.2 113.8 170.6

115 63.8 54.2 81.2

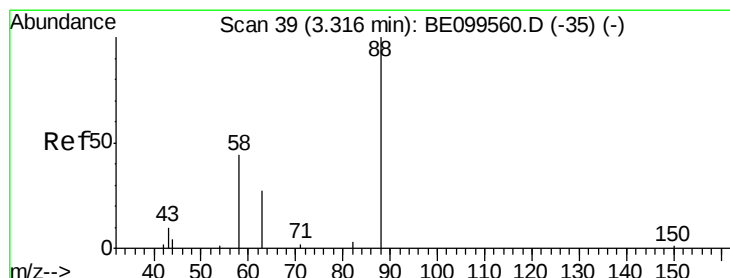
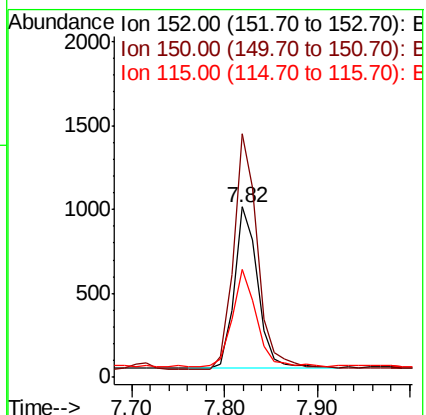
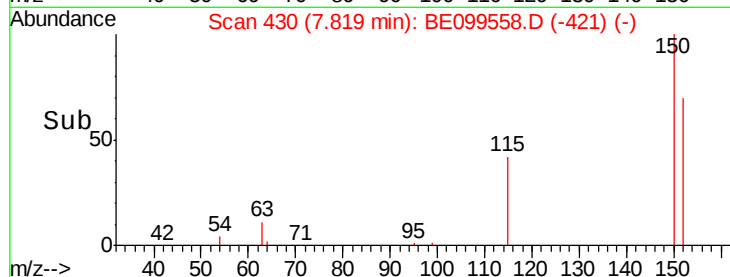


Abundance

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: 0.120 ng

RT: 3.32 min Scan# 39

Delta R.T. -0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

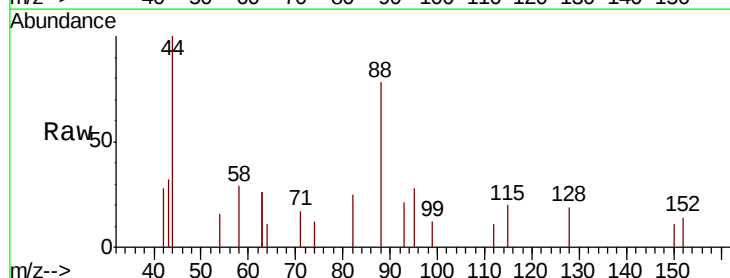
Tgt Ion: 88 Resp: 281

Ion Ratio Lower Upper

88 100

58 56.9 46.6 69.8

43 34.5 20.3 30.5#

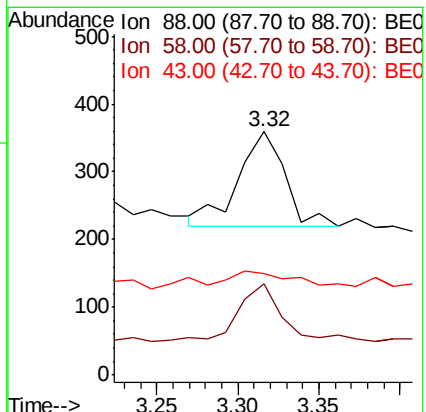
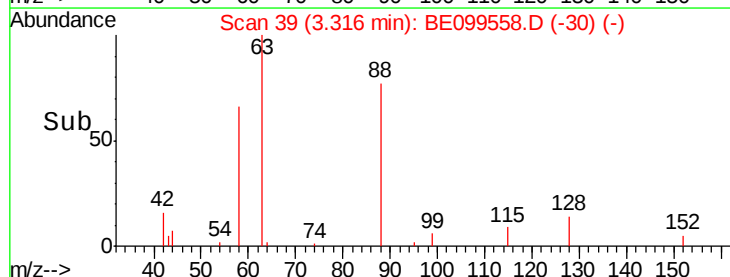


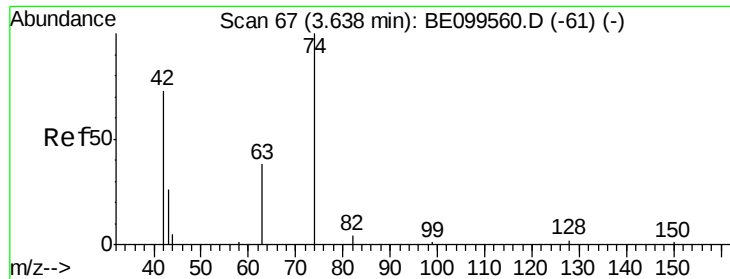
Abundance

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: 0.084 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.02 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

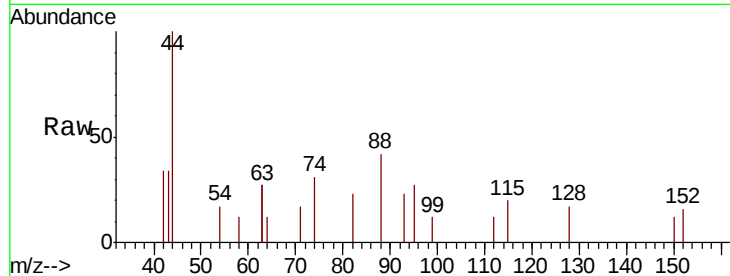
Tot Ion: 42 Resp: 119

Ion Ratio Lower Upper

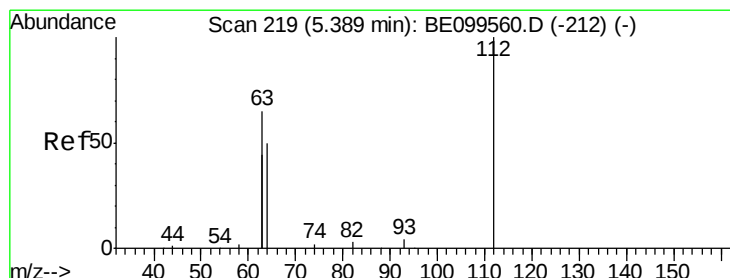
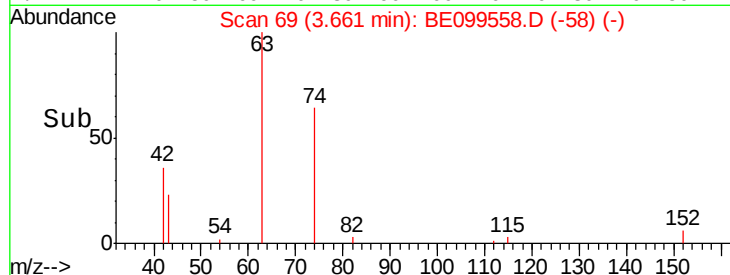
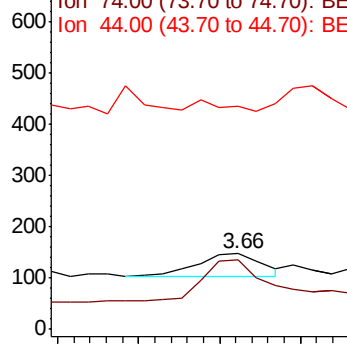
42 100

74 188.2 121.3 181.9#

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: 0.094 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

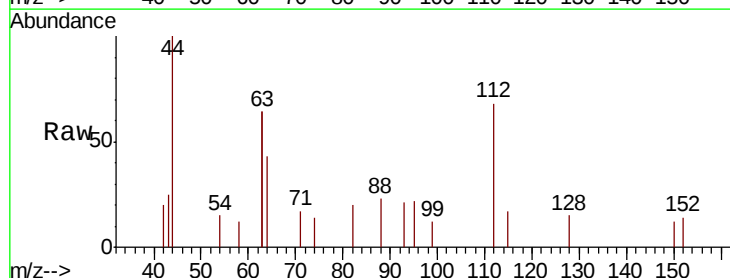
Tgt Ion:112 Resp: 443

Ion Ratio Lower Upper

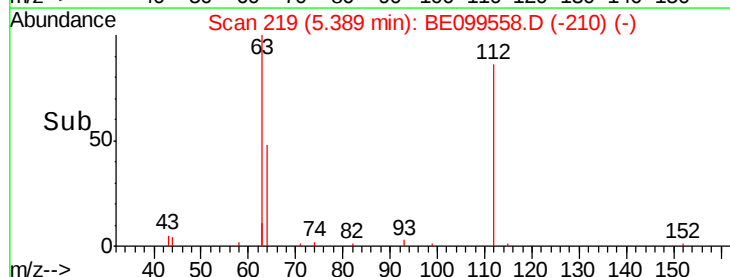
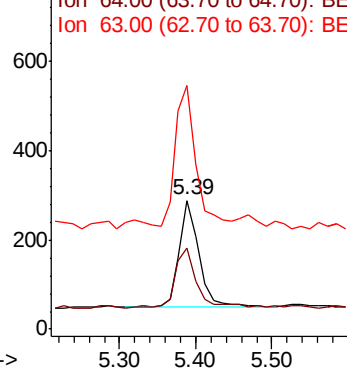
112 100

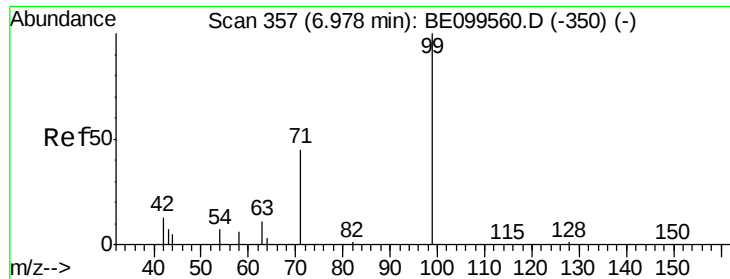
64 60.3 46.3 69.5

63 130.9 99.6 149.4



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: 0.090 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

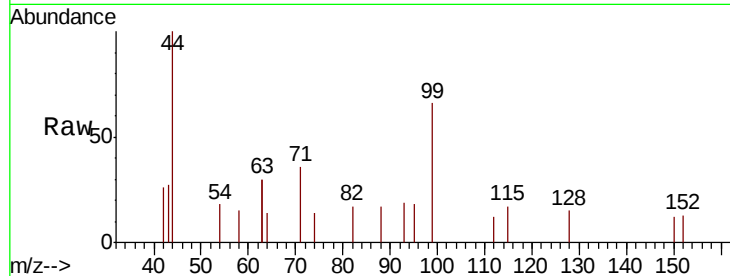
Tot Ion: 99 Resp: 563

Ion Ratio Lower Upper

99 100

42 24.5 13.4 20.0#

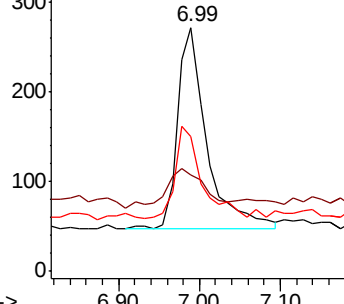
71 41.2 34.2 51.2



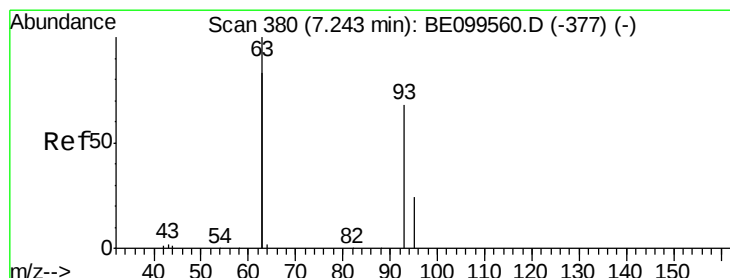
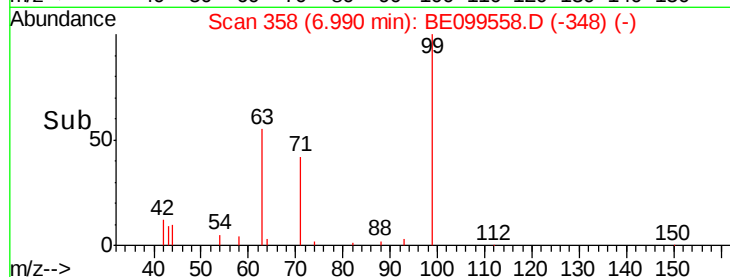
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.096 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

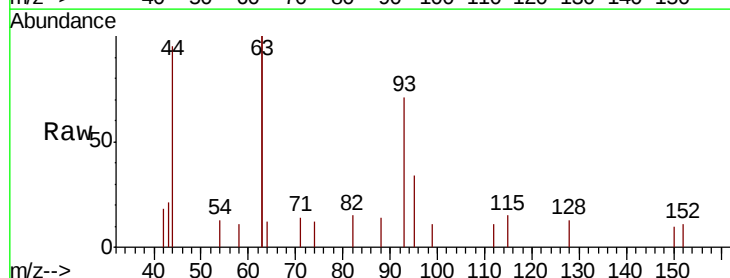
Tgt Ion: 93 Resp: 520

Ion Ratio Lower Upper

93 100

63 231.0 209.0 313.4

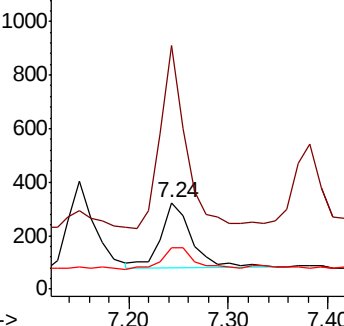
95 35.8 26.9 40.3



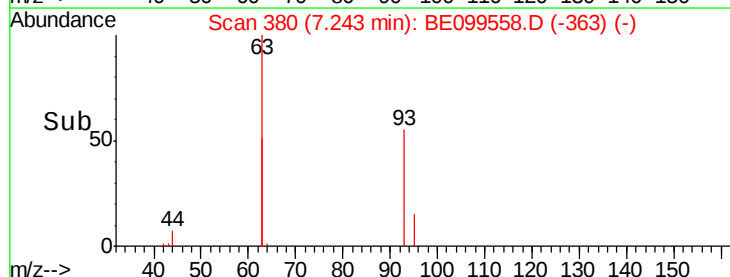
Abundance Ion 93.00 (92.70 to 93.70): BE0

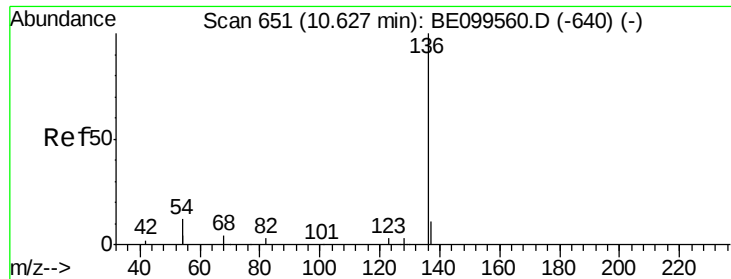
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 6018

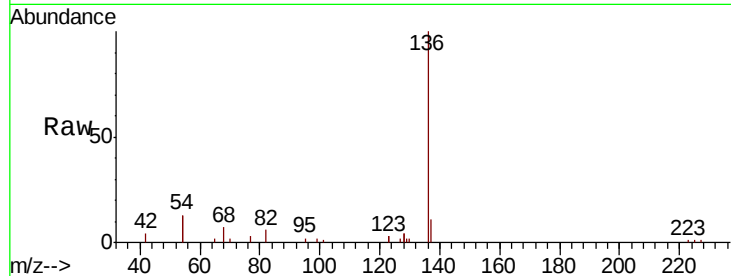
Ion Ratio Lower Upper

136 100

137 10.6 10.0 15.0

54 26.4 18.6 28.0

68 6.5 4.6 6.8

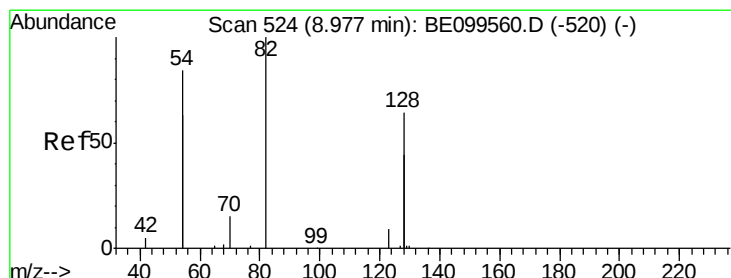
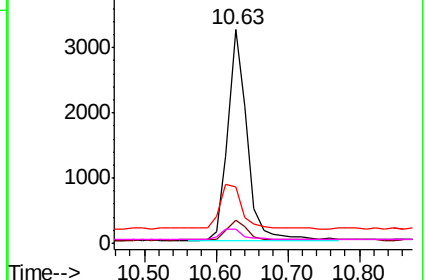
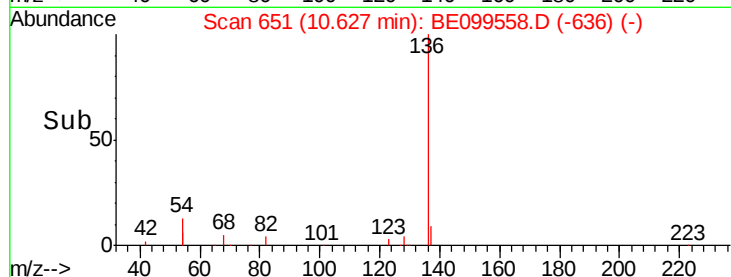


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.086 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

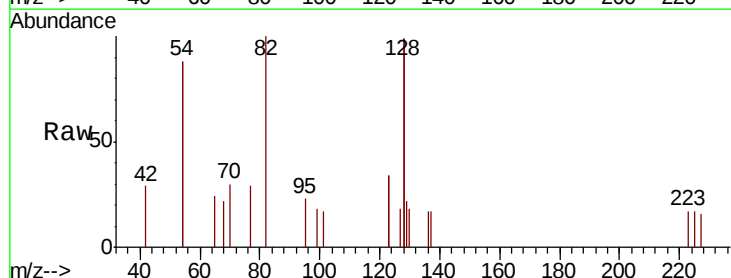
Tgt Ion: 82 Resp: 485

Ion Ratio Lower Upper

82 100

128 198.6 97.6 146.4#

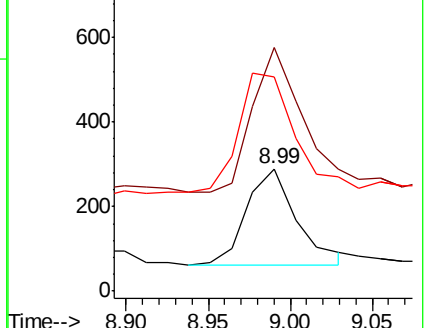
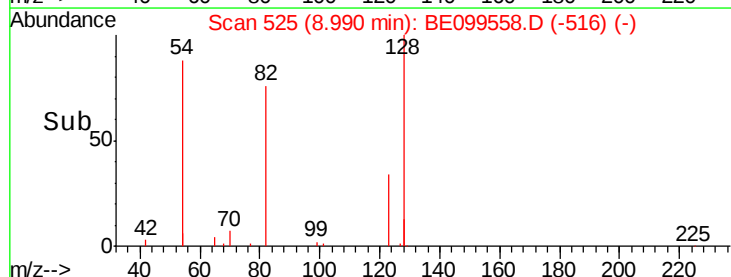
54 175.2 127.4 191.2

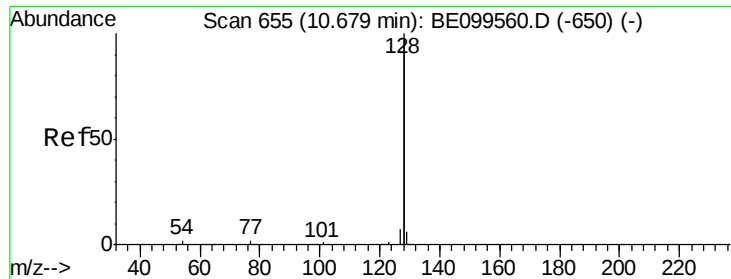


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.092 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

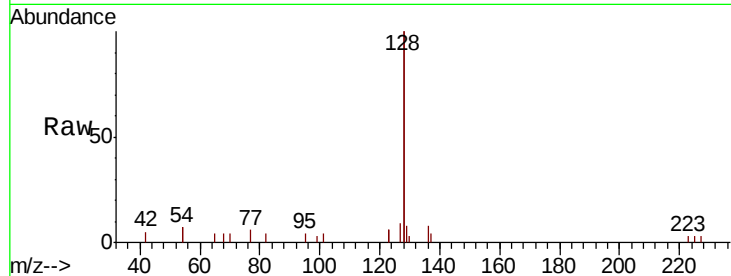
Tot Ion:128 Resp: 6056

Ion Ratio Lower Upper

128 100

129 4.2 2.6 3.8#

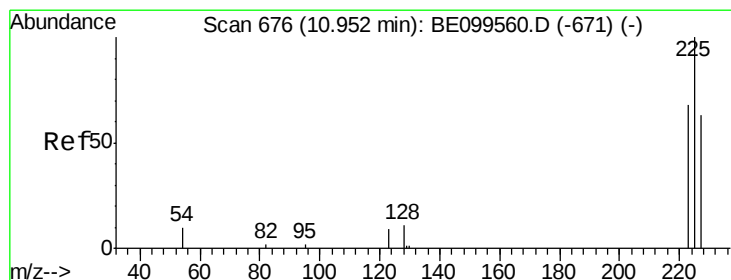
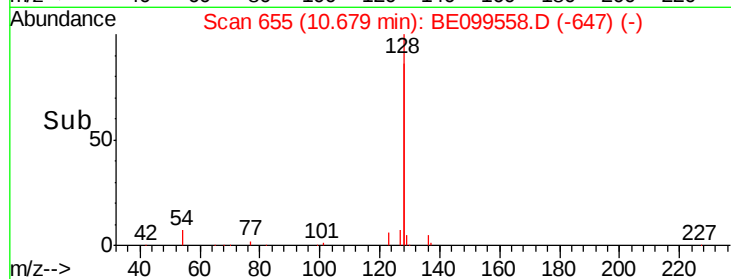
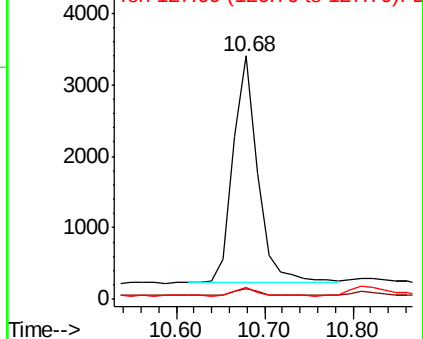
127 4.7 3.0 4.4#



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: 0.098 ng

RT: 10.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

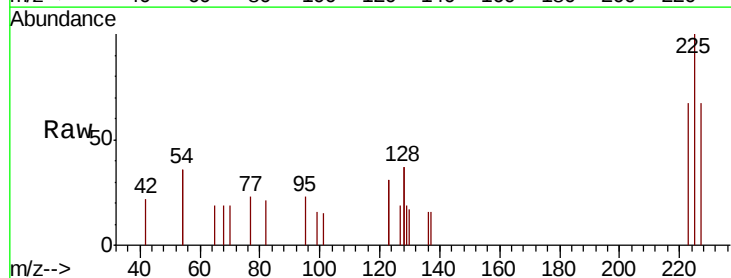
Tgt Ion:225 Resp: 448

Ion Ratio Lower Upper

225 100

223 65.4 53.0 79.6

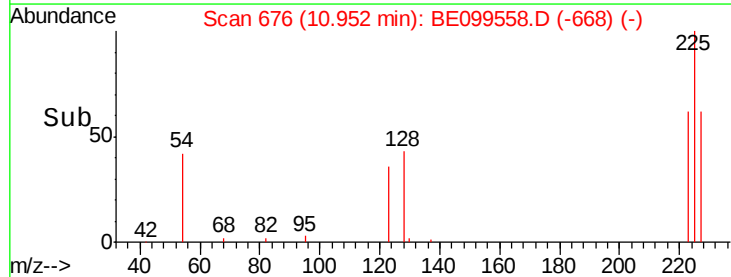
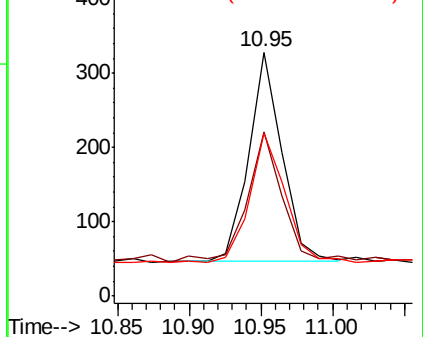
227 65.2 51.4 77.0

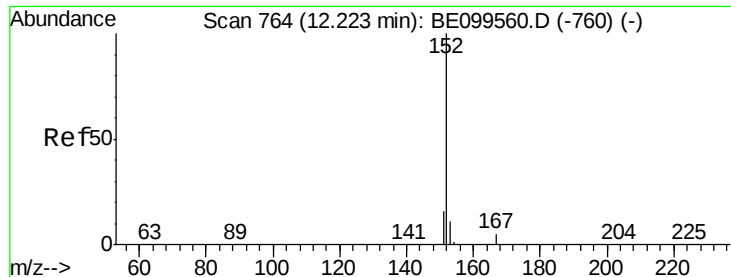


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

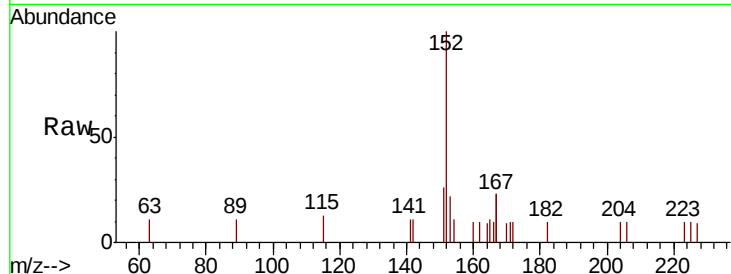




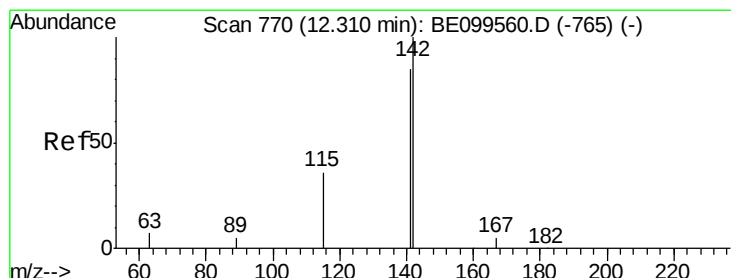
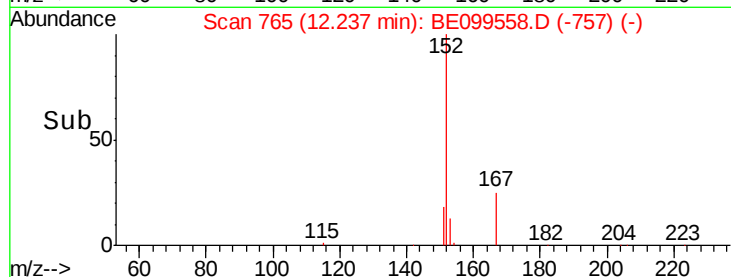
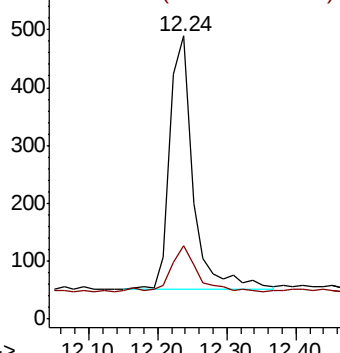
#11
2-Methylnaphthalene-d10
Concen: 0.094 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE099558.D
Acq: 7 May 2019 9:38

Instrument :
BNA_E
ClientSampled :
SSTDIC0.1

Tot Ion:152 Resp: 1023
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8

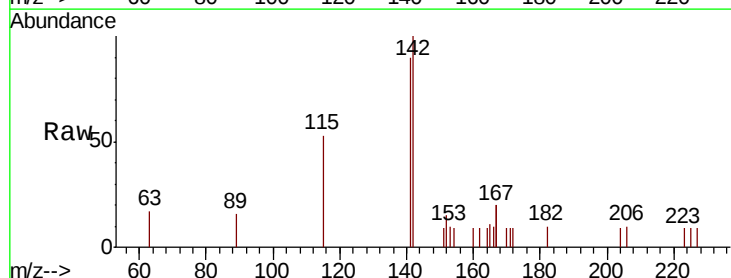


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

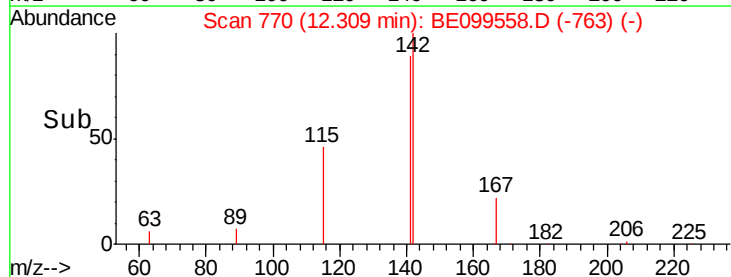
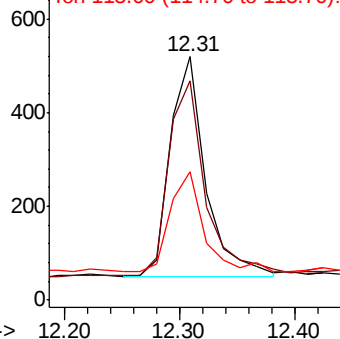


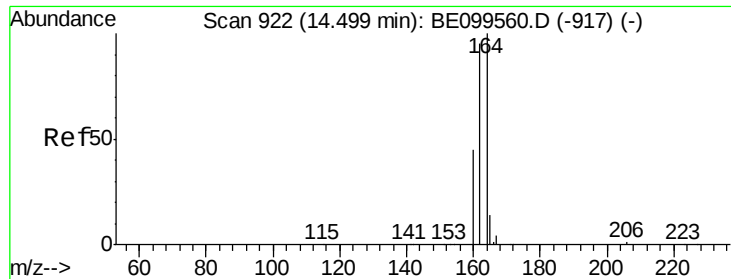
#12
2-Methylnaphthalene
Concen: 0.087 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE099558.D
Acq: 7 May 2019 9:38

Tgt Ion:142 Resp: 991
Ion Ratio Lower Upper
142 100
141 90.2 68.1 102.1
115 52.7 30.8 46.2#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

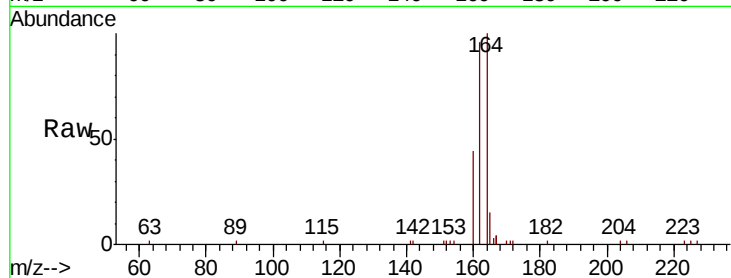




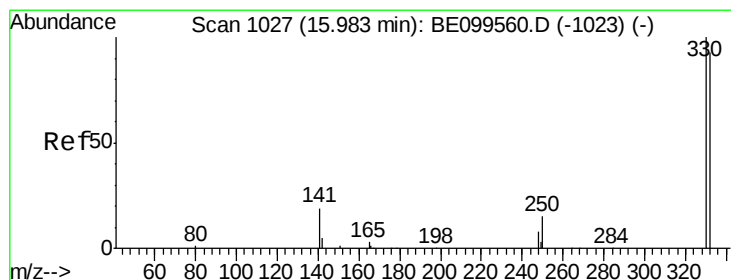
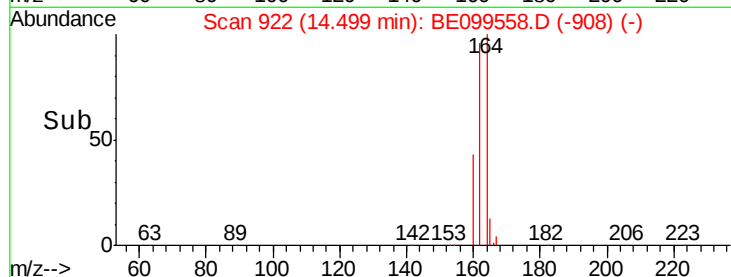
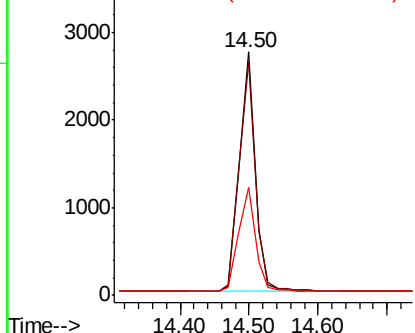
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE099558.D
Acq: 7 May 2019 9:38

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:164 Resp: 4346
Ion Ratio Lower Upper
164 100
162 95.8 76.4 114.6
160 44.4 36.6 55.0

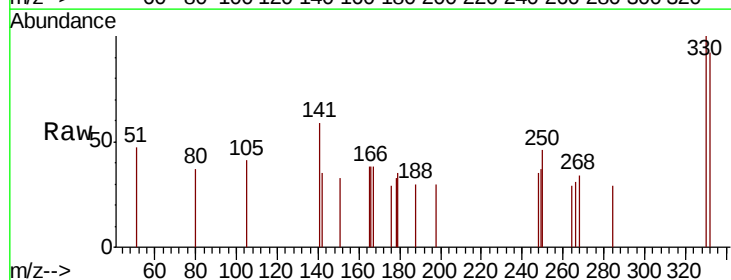


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

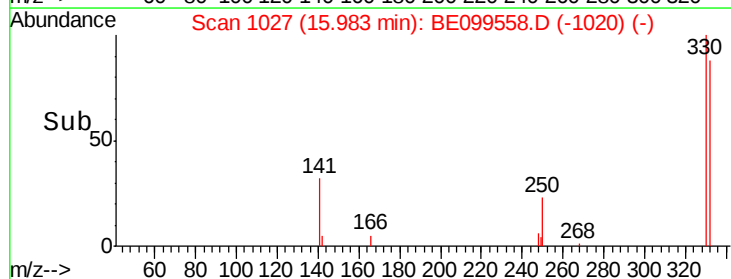
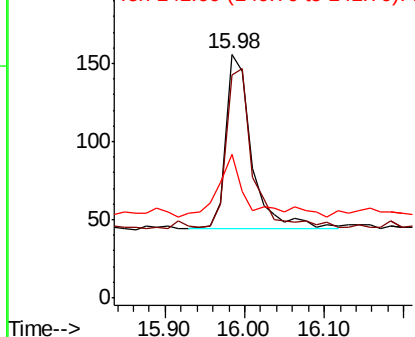


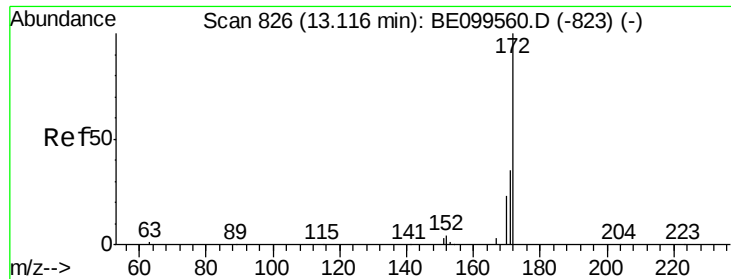
#14
2,4,6-Tribromophenol
Concen: 0.093 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099558.D
Acq: 7 May 2019 9:38

Tgt Ion:330 Resp: 255
Ion Ratio Lower Upper
330 100
332 92.5 77.7 116.5
141 34.5 26.1 39.1



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

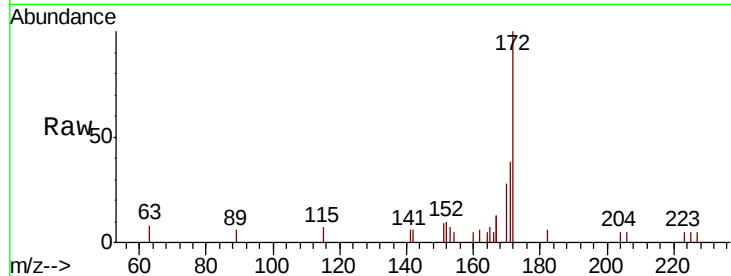




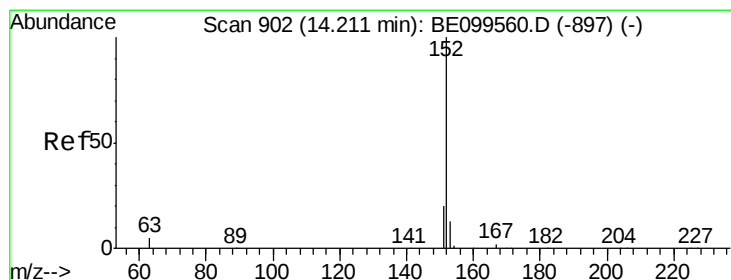
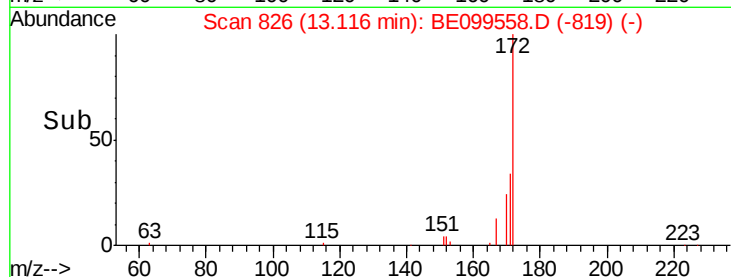
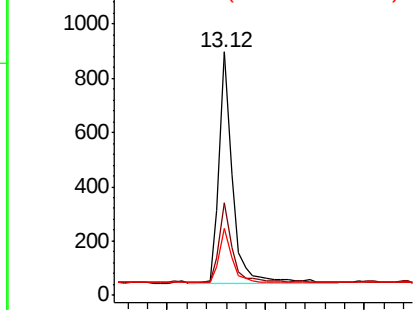
#15
2-Fluorobiphenyl
Concen: 0.096 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099558.D
Acq: 7 May 2019 9:38

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:172 Resp: 1600
Ion Ratio Lower Upper
172 100
171 37.9 28.4 42.6
170 27.6 18.8 28.2

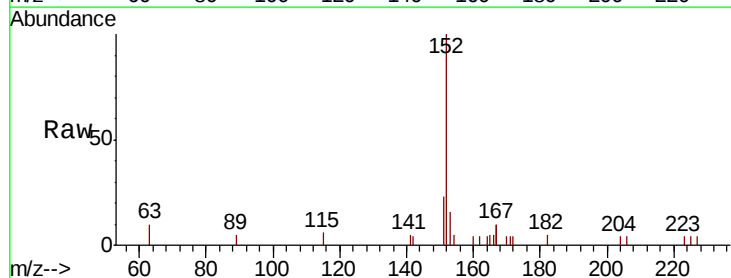


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

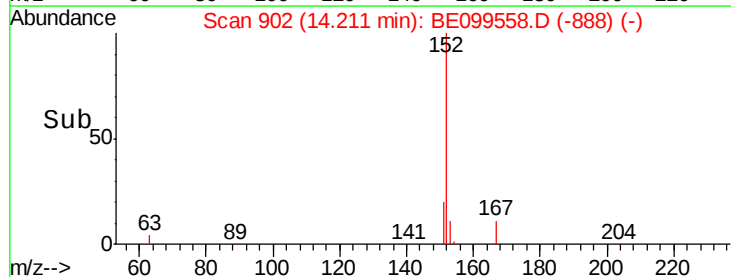
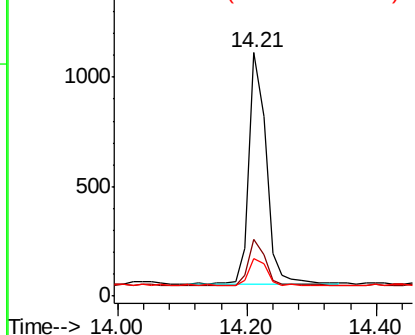


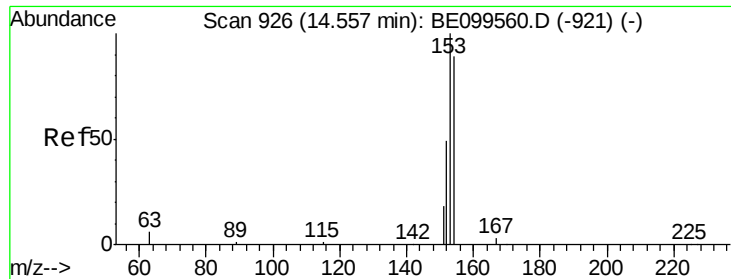
#16
Acenaphthylene
Concen: 0.093 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099558.D
Acq: 7 May 2019 9:38

Tgt Ion:152 Resp: 1972
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 12.0 10.5 15.7



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





#17

Acenaphthene

Concen: 0.089 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

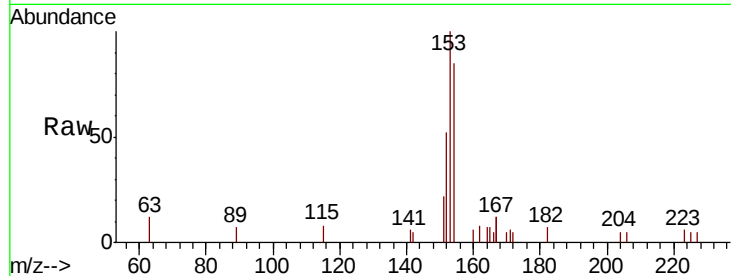
Tot Ion:154 Resp: 1083

Ion Ratio Lower Upper

154 100

153 117.5 89.7 134.5

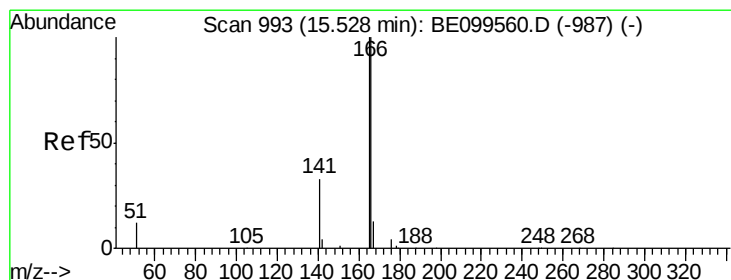
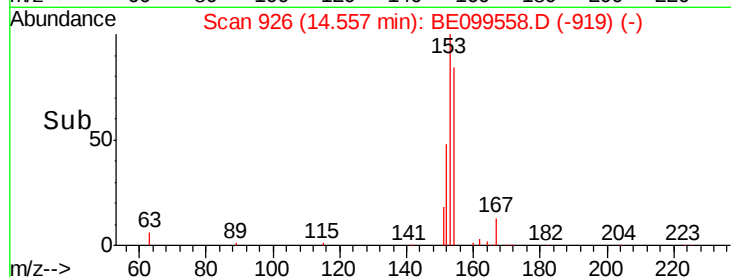
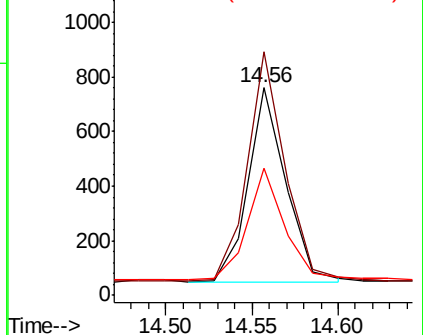
152 56.8 43.9 65.9



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: 0.084 ng

RT: 15.54 min Scan# 994

Delta R.T. 0.01 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

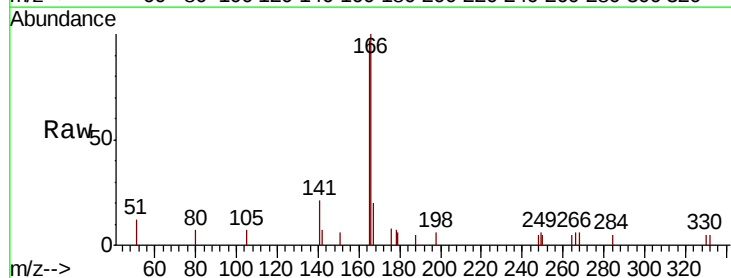
Tgt Ion:166 Resp: 1500

Ion Ratio Lower Upper

166 100

165 106.0 79.0 118.6

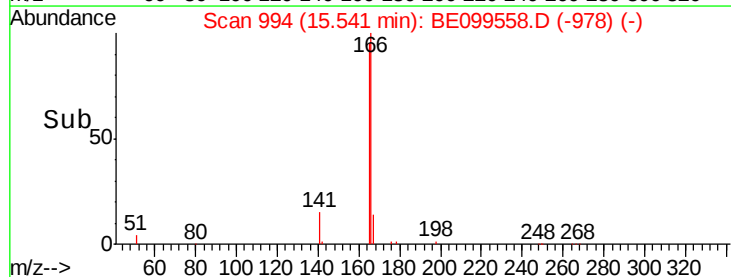
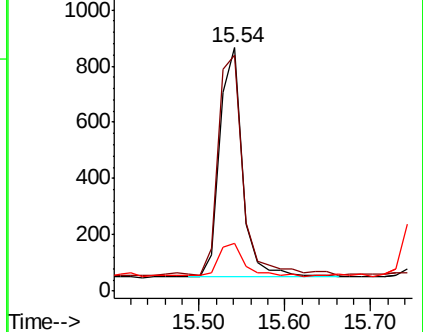
167 16.7 11.5 17.3

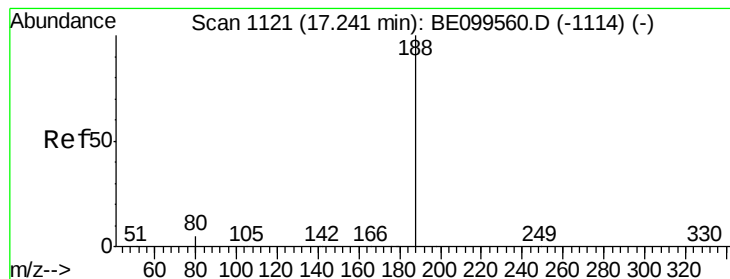


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099558.D

Acq: 7 May 2019 9:38

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

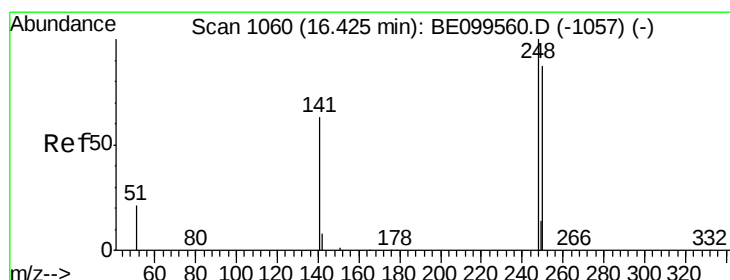
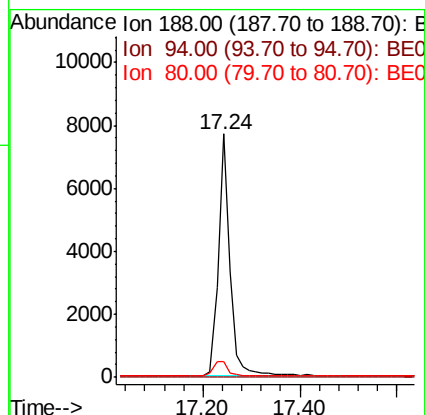
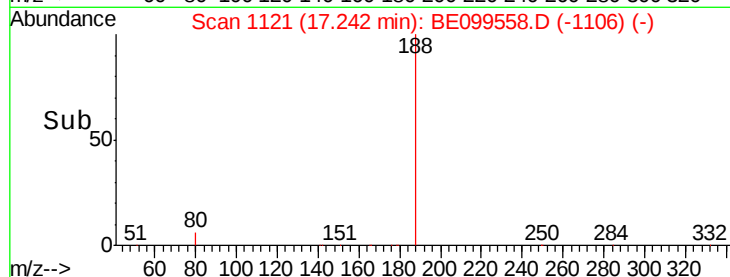
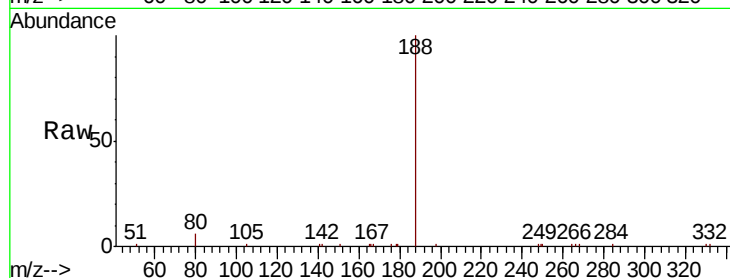
Tot Ion:188 Resp: 12553

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.5 4.6 7.0



#20

4-Bromophenyl-phenylether

Concen: 0.090 ng

RT: 16.44 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

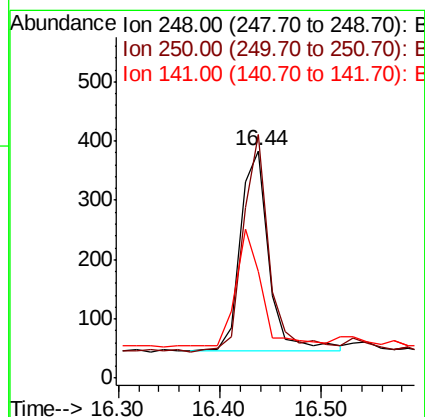
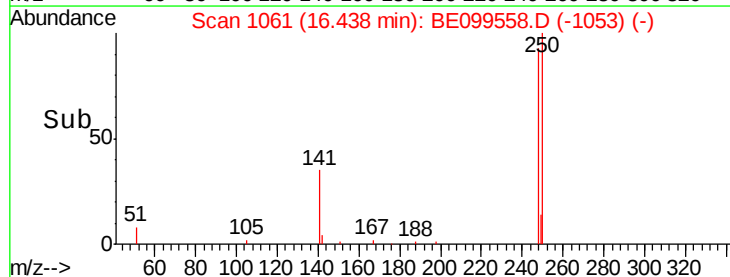
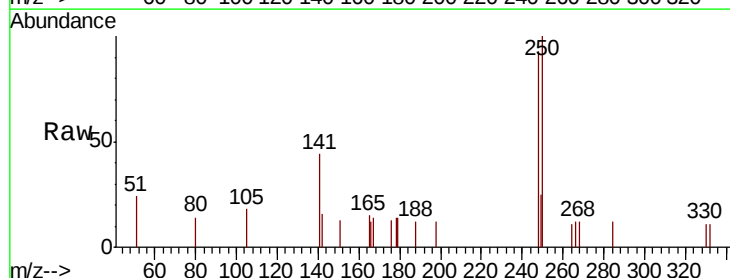
Tgt Ion:248 Resp: 656

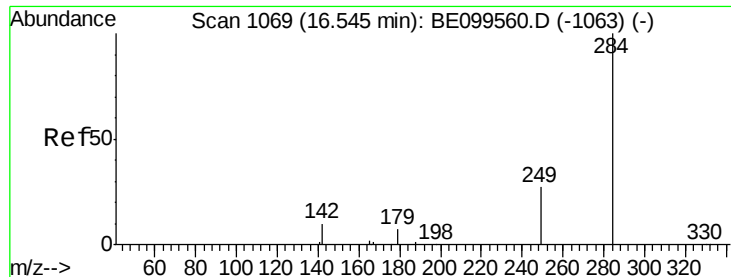
Ion Ratio Lower Upper

248 100

250 107.3 70.0 105.0#

141 47.0 51.8 77.8#





#21

Hexachlorobenzene

Concen: 0.096 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

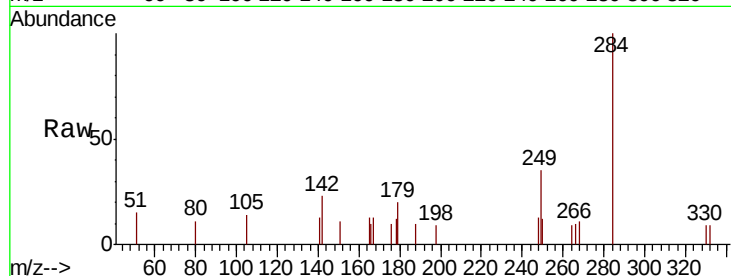
Tot Ion:284 Resp: 667

Ion Ratio Lower Upper

284 100

142 28.8 19.5 29.3

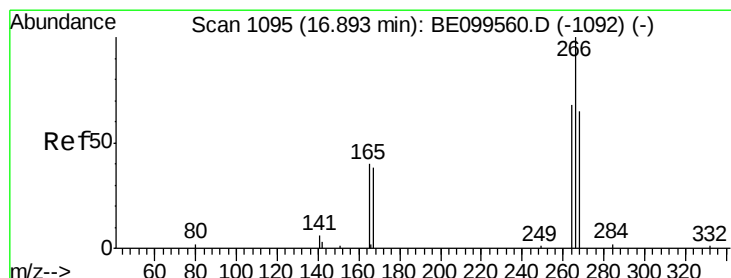
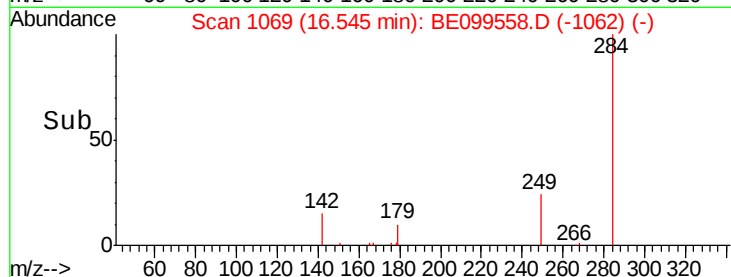
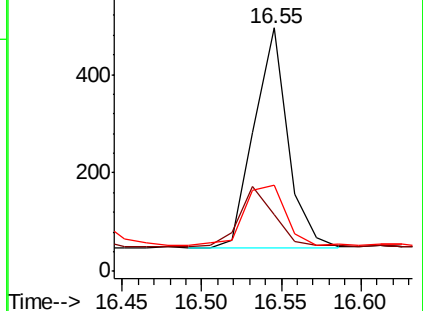
249 33.9 26.2 39.2



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: 0.074 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

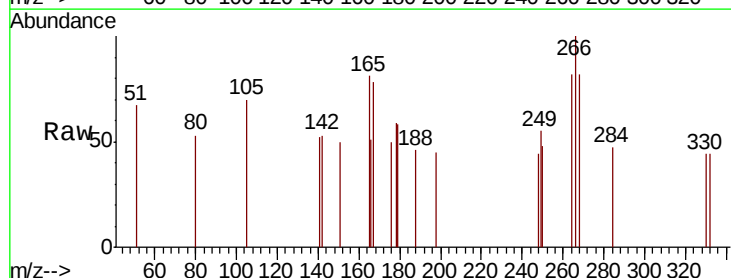
Tgt Ion:266 Resp: 233

Ion Ratio Lower Upper

266 100

264 81.9 56.6 84.8

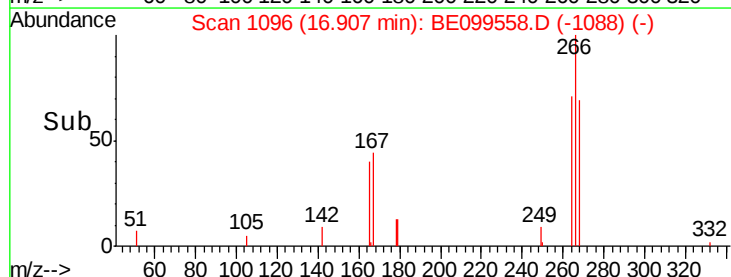
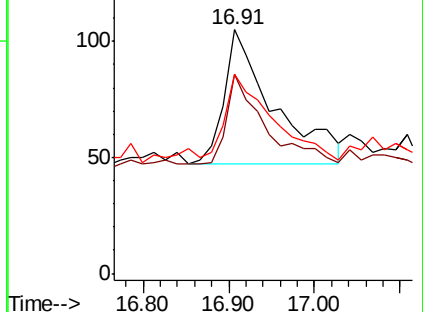
268 81.9 55.8 83.8

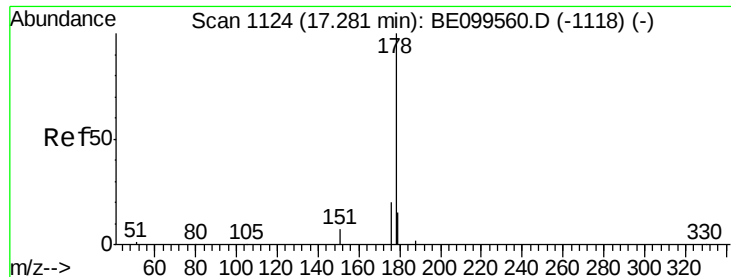


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.089 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

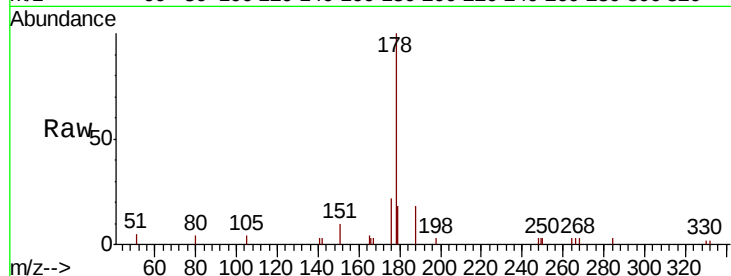
Tot Ion:178 Resp: 2875

Ion Ratio Lower Upper

178 100

176 21.1 15.8 23.6

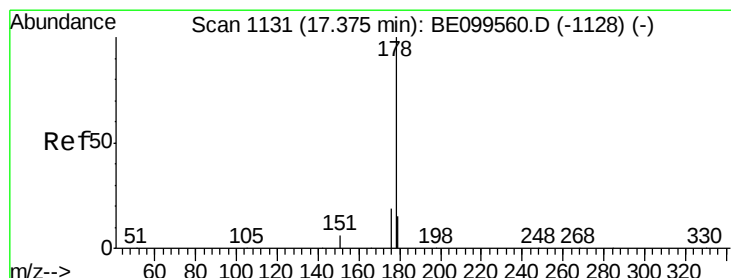
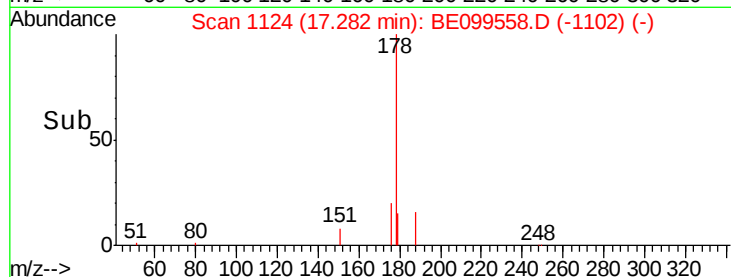
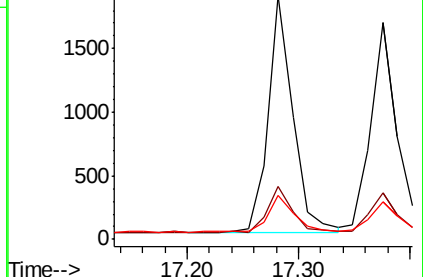
179 17.9 12.5 18.7



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: 0.086 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

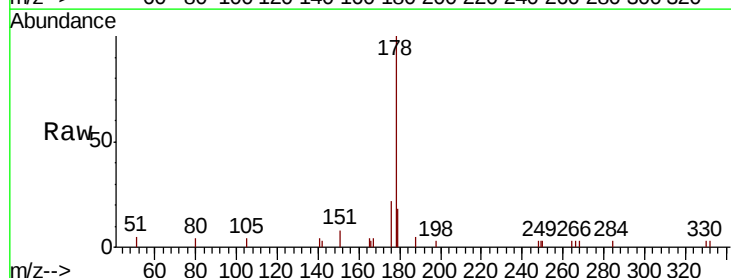
Tgt Ion:178 Resp: 2647

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

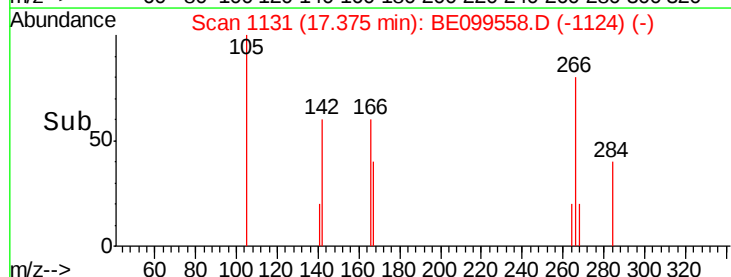
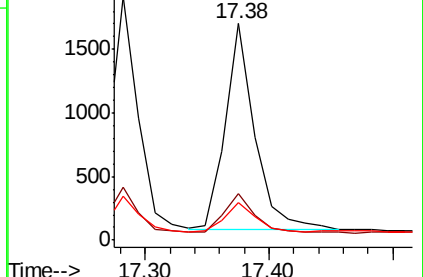
179 14.9 12.2 18.4

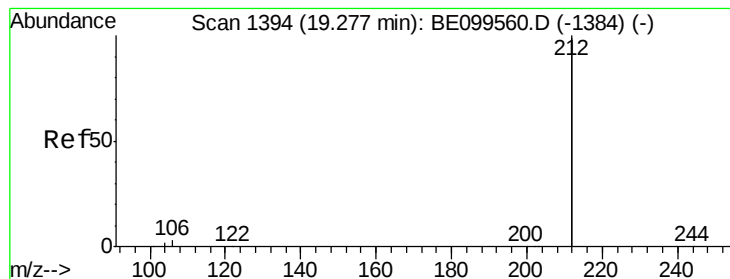


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.098 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

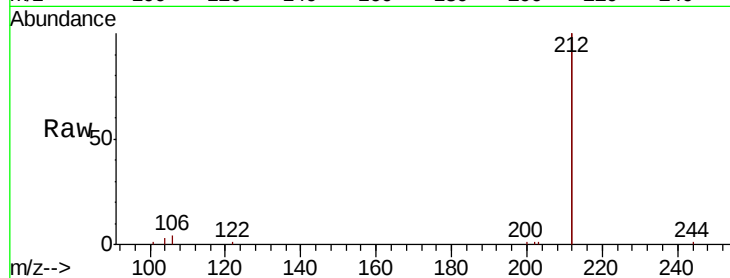
Tot Ion:212 Resp: 16526

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

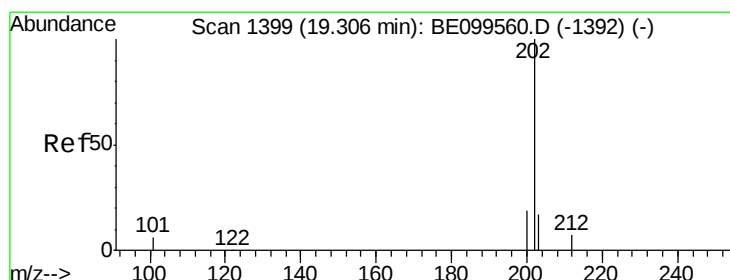
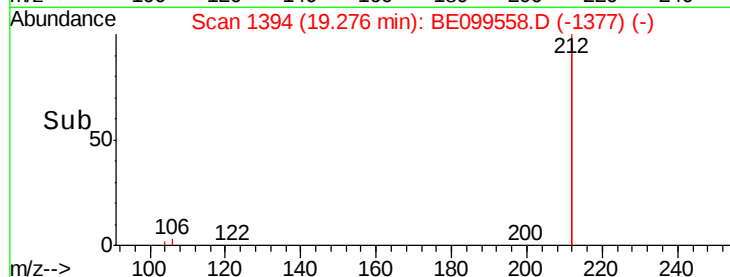
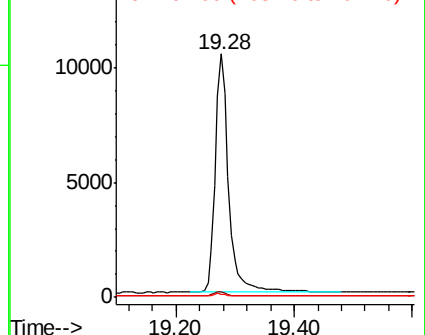
104 1.1 0.8 1.2



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: 0.095 ng

RT: 19.31 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

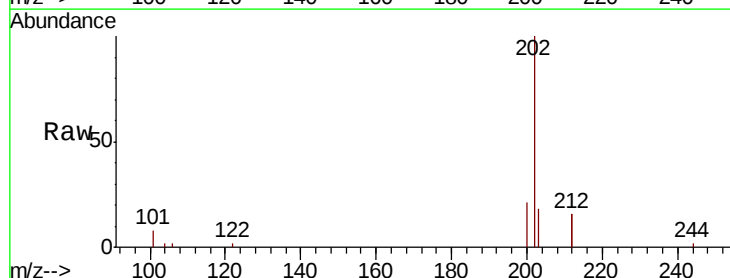
Tgt Ion:202 Resp: 4607

Ion Ratio Lower Upper

202 100

101 6.9 5.3 7.9

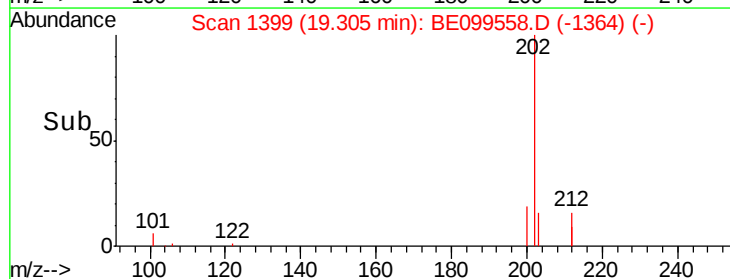
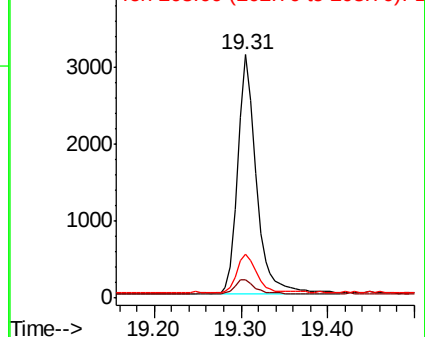
203 16.8 13.4 20.2

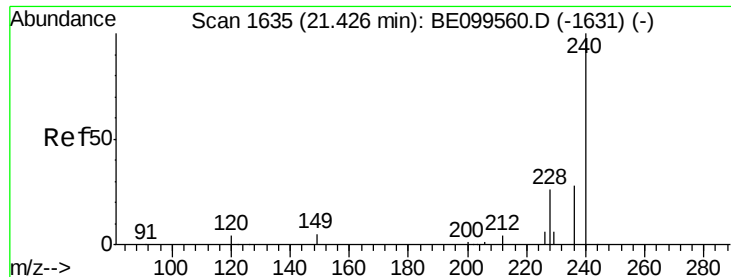


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE099558.D

Acq: 7 May 2019 9:38

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

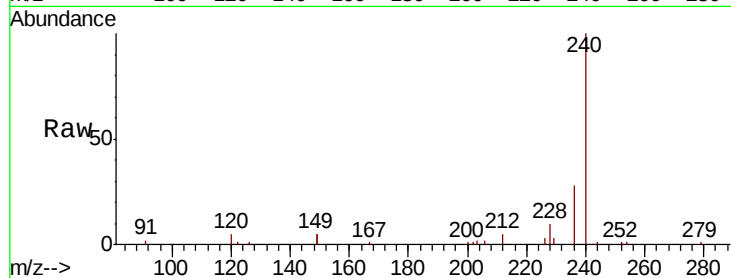
Tot Ion:240 Resp: 19026

Ion Ratio Lower Upper

240 100

120 5.3 3.8 5.6

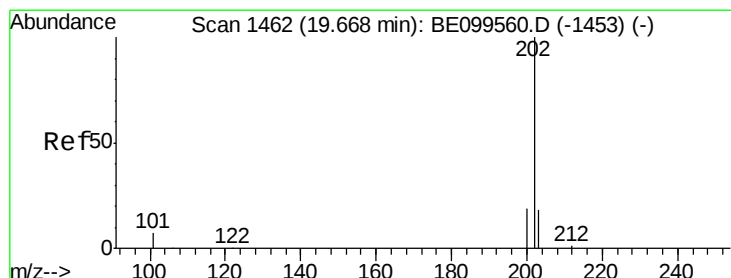
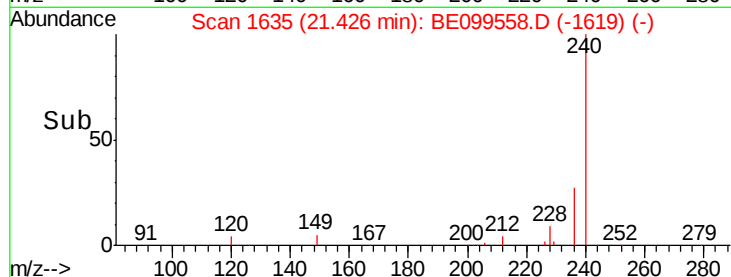
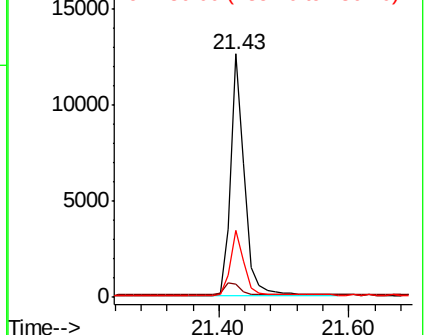
236 27.6 22.5 33.7



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: 0.098 ng

RT: 19.67 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

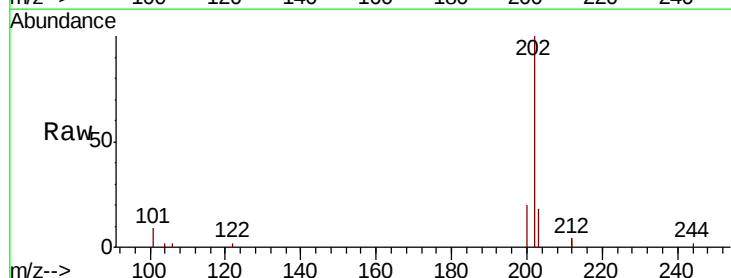
Tgt Ion:202 Resp: 4837

Ion Ratio Lower Upper

202 100

200 19.7 15.8 23.6

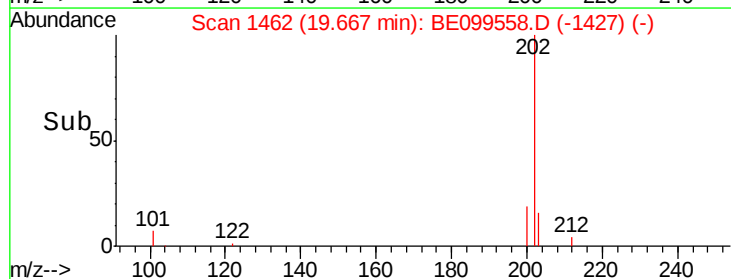
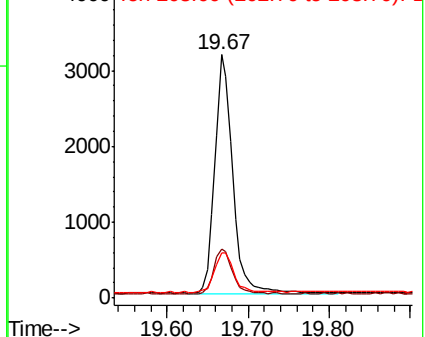
203 18.2 14.1 21.1

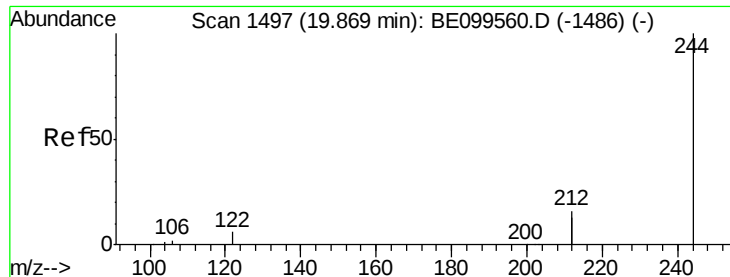


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.093 ng

RT: 19.87 min Scan# 1498

Delta R.T. 0.01 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

Instrument :

BNA_E

ClientSampled :

SSTDIC0.1

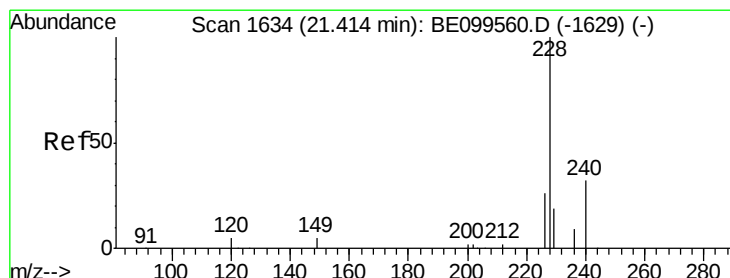
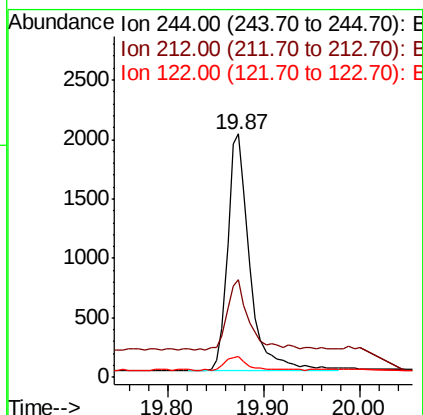
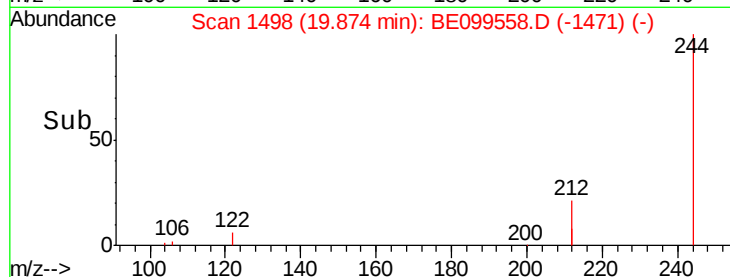
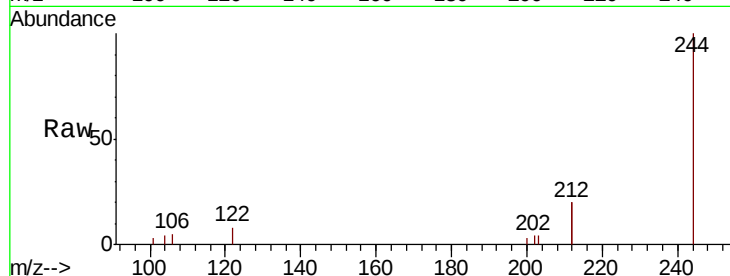
Tot Ion:244 Resp: 3242

Ion Ratio Lower Upper

244 100

212 40.4 24.6 37.0#

122 8.4 5.0 7.6#



#30

Benzo(a)anthracene

Concen: 0.093 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

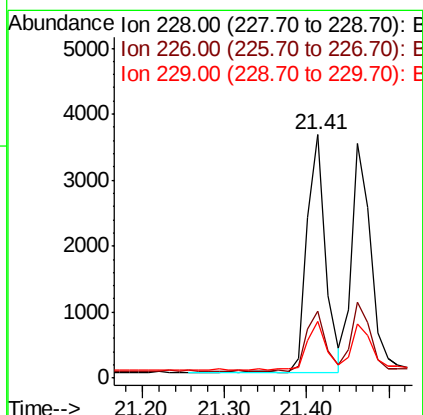
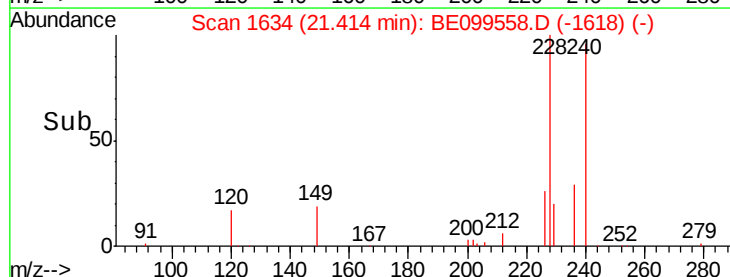
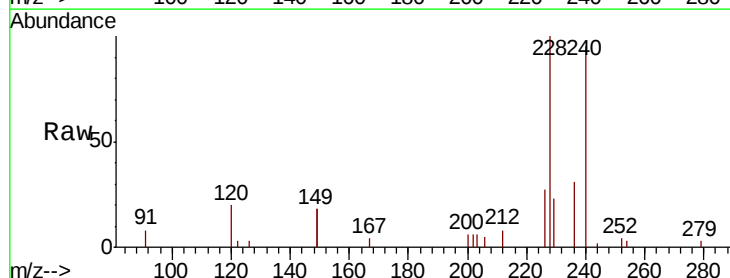
Tgt Ion:228 Resp: 5661

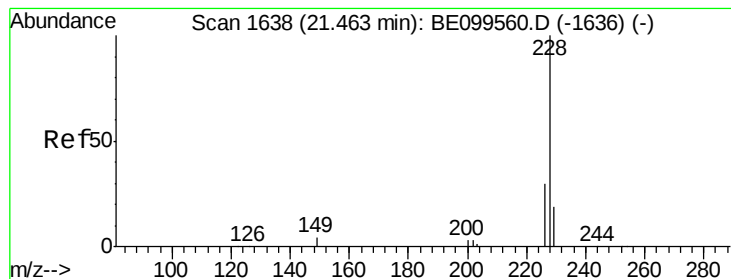
Ion Ratio Lower Upper

228 100

226 27.5 20.9 31.3

229 23.2 16.1 24.1





#31

Chrysene

Concen: 0.094 ng

RT: 21.46 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

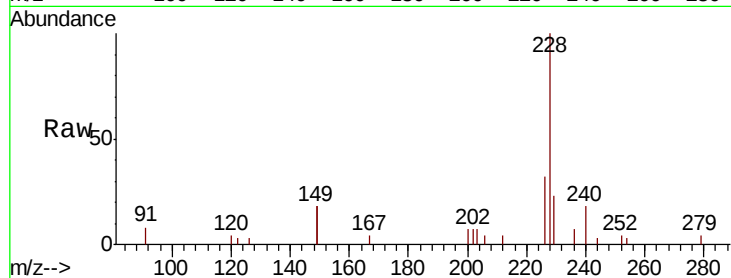
Tot Ion:228 Resp: 5566

Ion Ratio Lower Upper

228 100

226 32.2 24.2 36.4

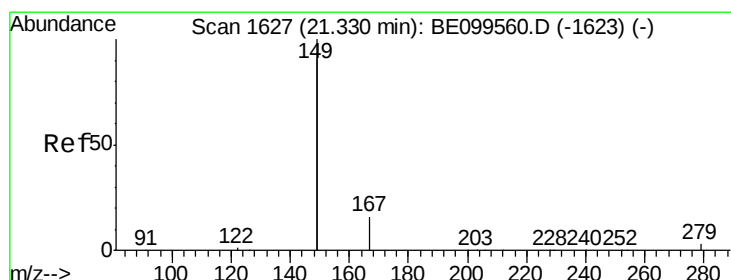
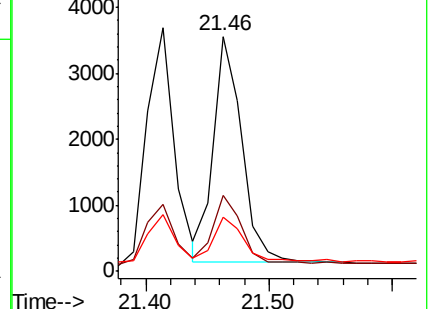
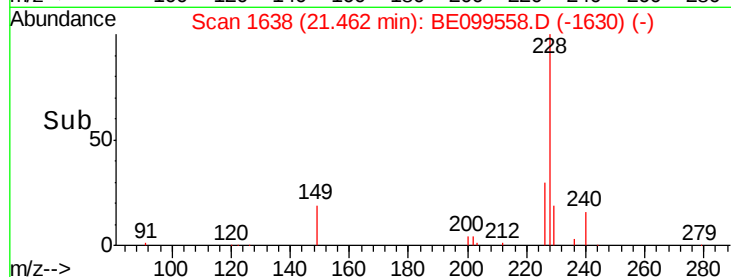
229 22.8 15.8 23.6



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: 0.100 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

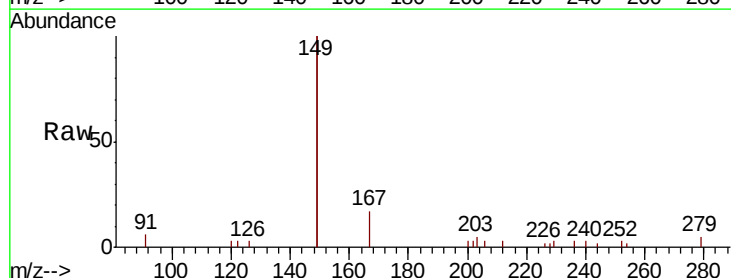
Tgt Ion:149 Resp: 10504

Ion Ratio Lower Upper

149 100

167 8.1 6.1 9.1

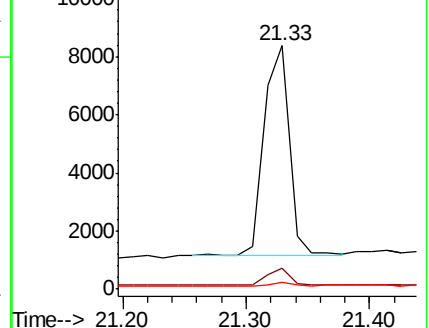
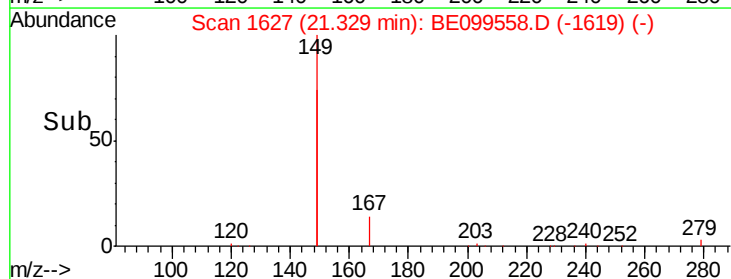
279 1.5 1.3 1.9

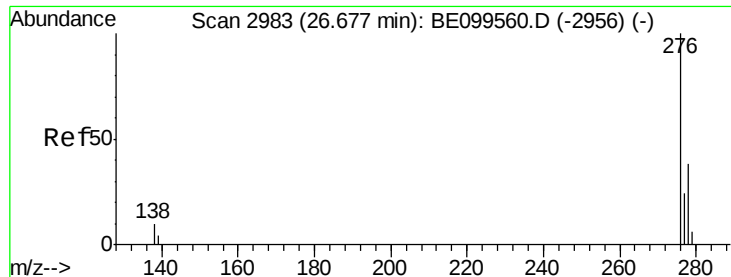


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.093 ng

RT: 26.68 min Scan# 2985

Delta R.T. 0.01 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

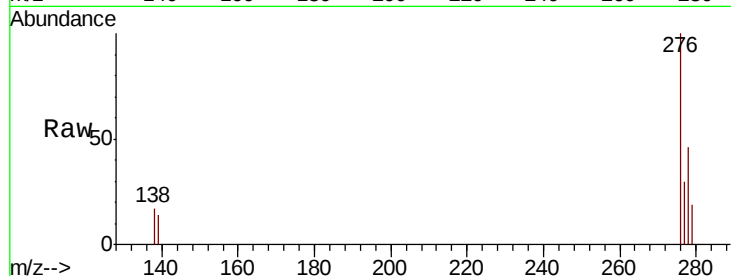
Tot Ion:276 Resp: 6549

Ion Ratio Lower Upper

276 100

138 12.7 9.5 14.3

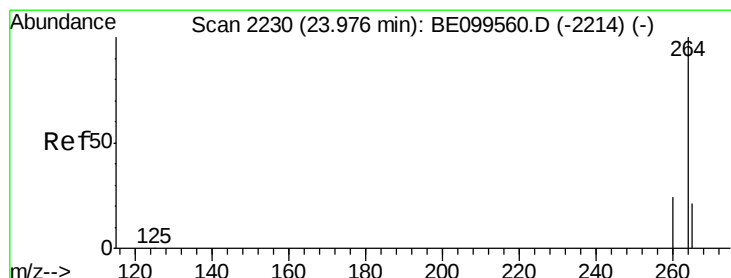
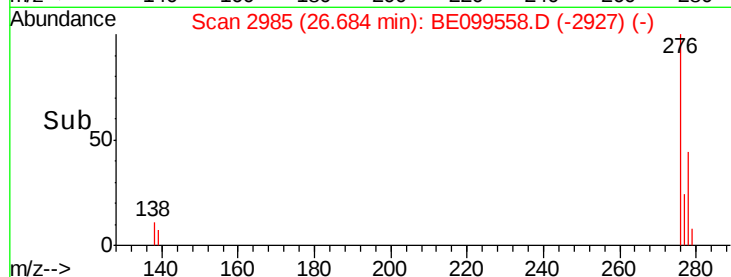
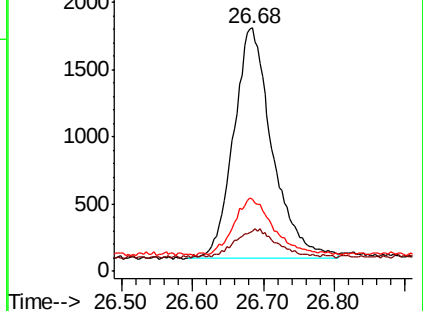
277 24.1 19.7 29.5



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# 2231

Delta R.T. 0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

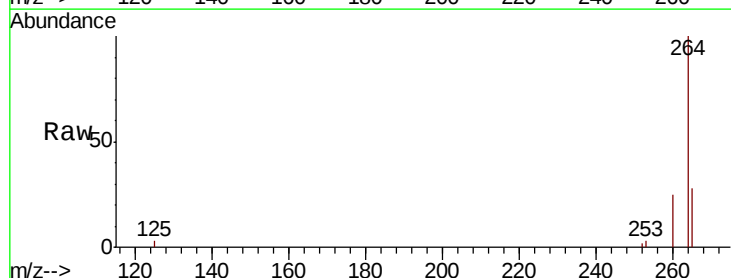
Tgt Ion:264 Resp: 20678

Ion Ratio Lower Upper

264 100

260 24.9 19.9 29.9

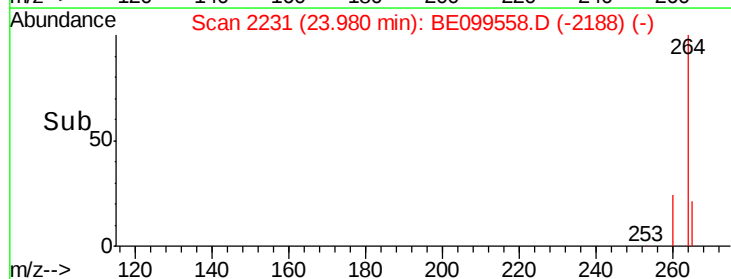
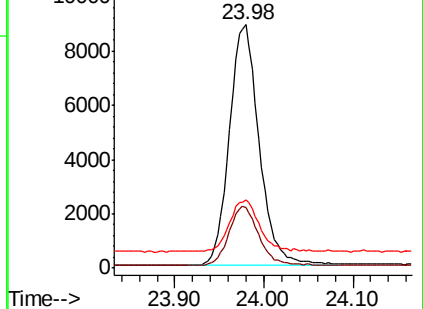
265 27.9 22.2 33.2

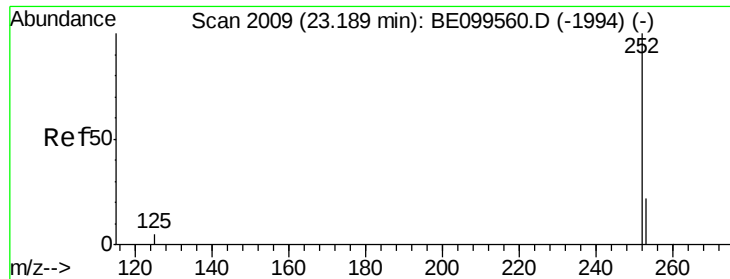


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.091 ng

RT: 23.19 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

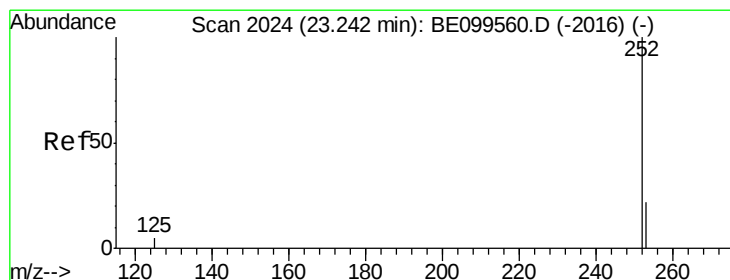
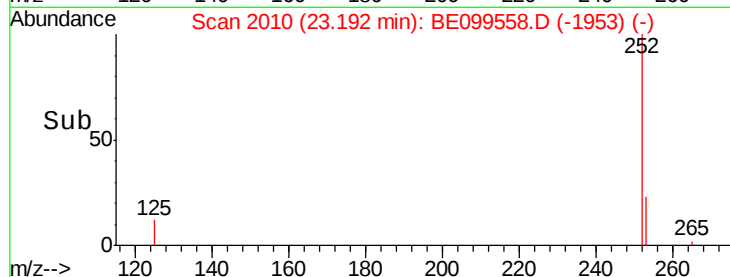
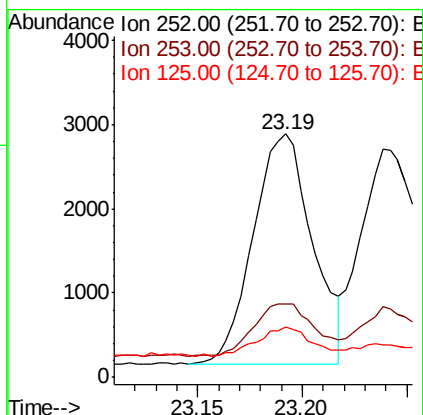
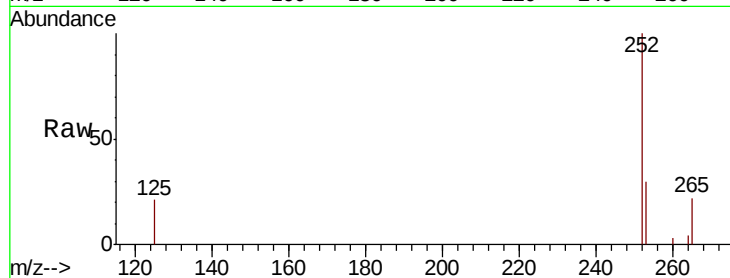
Tot Ion:252 Resp: 5419

Ion Ratio Lower Upper

252 100

253 30.3 19.0 28.4#

125 20.6 5.8 8.6#



#36

Benzo(k)fluoranthene

Concen: 0.091 ng

RT: 23.24 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

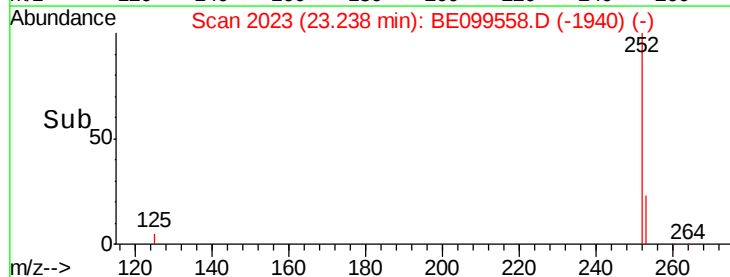
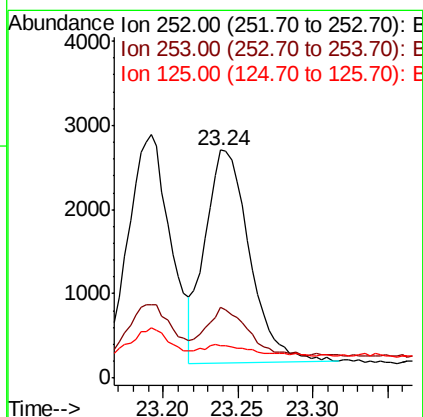
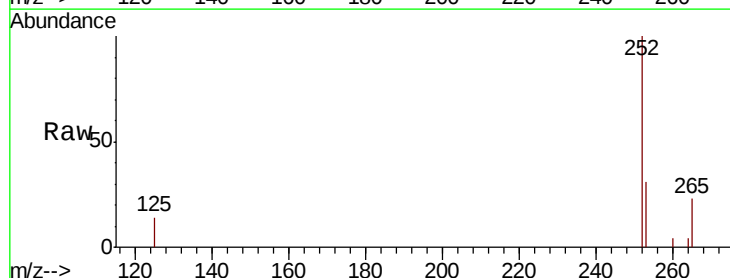
Tgt Ion:252 Resp: 5246

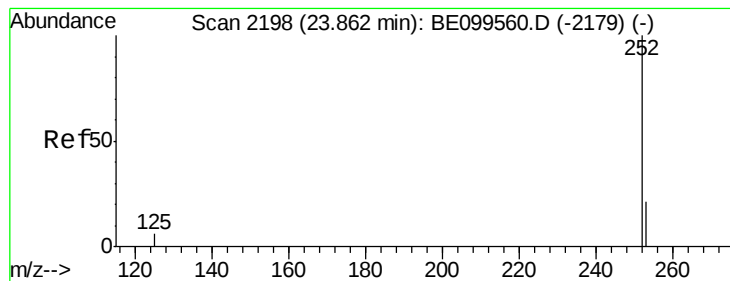
Ion Ratio Lower Upper

252 100

253 31.2 19.1 28.7#

125 14.4 5.8 8.6#





#37

Benzo(a)pyrene

Concen: 0.094 ng

RT: 23.87 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

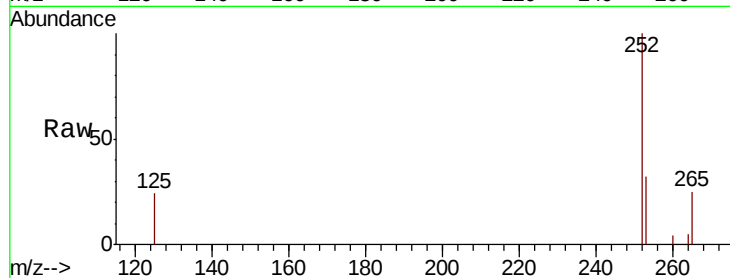
Tot Ion:252 Resp: 5293

Ion Ratio Lower Upper

252 100

253 32.5 18.9 28.3#

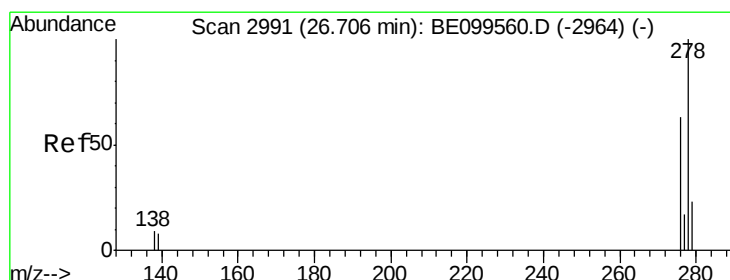
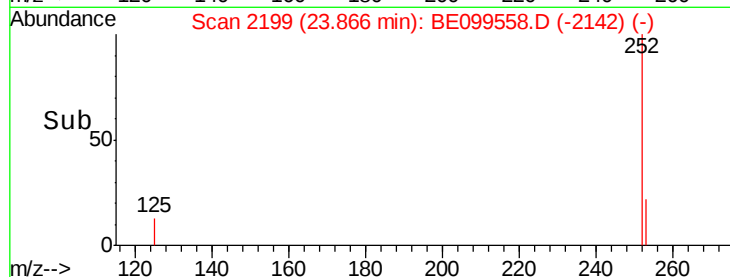
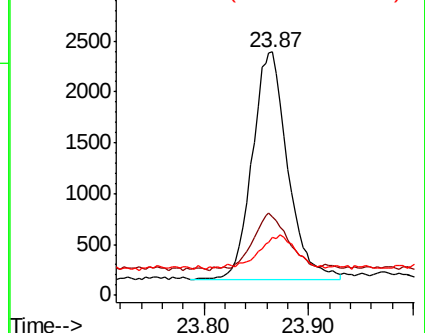
125 23.6 6.6 9.8#



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: 0.092 ng

RT: 26.71 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

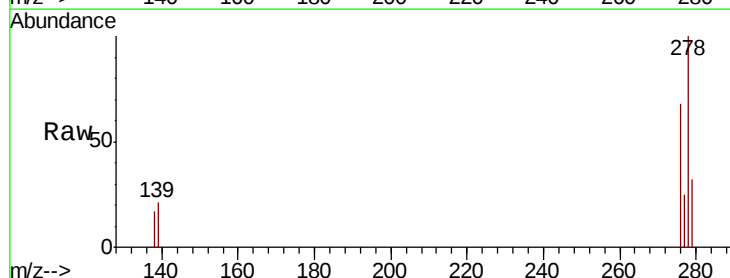
Tgt Ion:278 Resp: 5317

Ion Ratio Lower Upper

278 100

139 21.3 7.7 11.5#

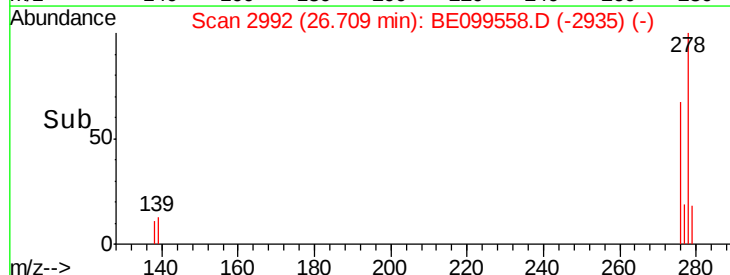
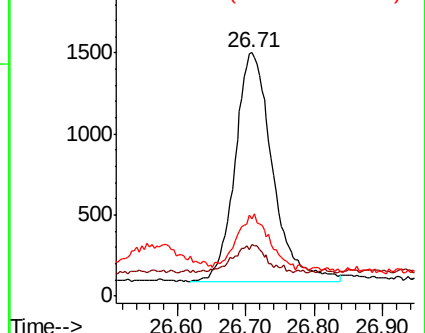
279 31.8 21.0 31.4#

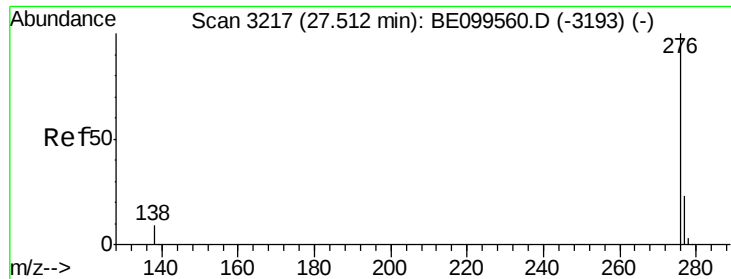


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.093 ng

RT: 27.52 min Scan# 3219

Delta R.T. 0.01 min

Lab File: BE099558.D

Acq: 7 May 2019 9:38

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

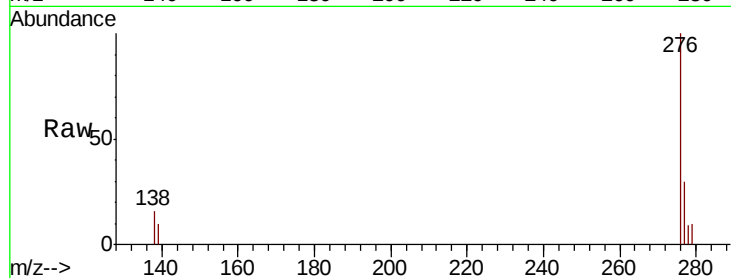
Tot Ion:276 Resp: 5382

Ion Ratio Lower Upper

276 100

277 29.6 19.7 29.5#

138 15.8 8.6 12.8#



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

