

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
 Data File : BE099559.D
 Acq On : 7 May 2019 10:14
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: May 07 13:44:33 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	1638	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	5955	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4219	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12319	0.40	ng	0.00
27) Chrysene-d12	21.43	240	18623	0.40	ng	0.00
34) Perylene-d12	23.98	264	19926	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	897	0.20	ng	0.00
5) Phenol-d6	6.98	99	1131	0.19	ng	0.00
8) Nitrobenzene-d5	8.98	82	1080	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2100	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	544	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	3217	0.20	ng	0.00
25) Fluoranthene-d10	19.28	212	33026	0.20	ng	0.00
29) Terphenyl-d14	19.87	244	6629	0.19	ng	0.00

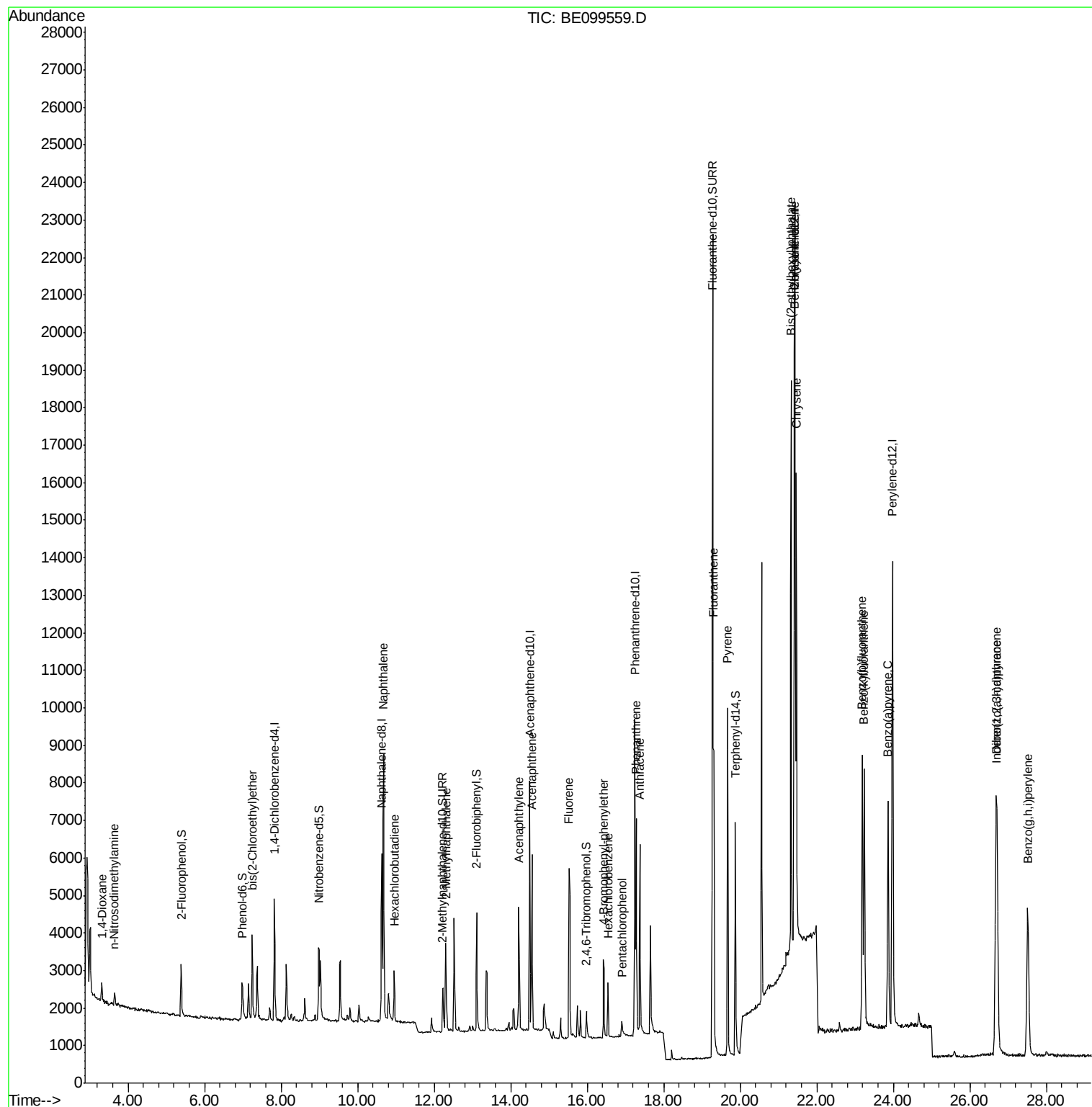
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	531	0.236	ng	92
3) n-Nitrosodimethylamine	3.64	42	276	0.203	ng	# 89
6) bis(2-Chloroethyl)ether	7.24	93	984	0.189	ng	97
9) Naphthalene	10.68	128	12534	0.193	ng	99
10) Hexachlorobutadiene	10.95	225	898	0.199	ng	96
12) 2-Methylnaphthalene	12.31	142	2076	0.184	ng	96
16) Acenaphthylene	14.21	152	3958	0.192	ng	99
17) Acenaphthene	14.56	154	2290	0.194	ng	96
18) Fluorene	15.53	166	3221	0.185	ng	98
20) 4-Bromophenyl-phenylether	16.44	248	1323	0.184	ng	# 72
21) Hexachlorobenzene	16.55	284	1351	0.198	ng	98
22) Pentachlorophenol	16.91	266	479	0.155	ng	97
23) Phenanthrene	17.28	178	5883	0.185	ng	99
24) Anthracene	17.38	178	5577	0.184	ng	98
26) Fluoranthene	19.31	202	9262	0.195	ng	98
28) Pyrene	19.67	202	9616	0.198	ng	100
30) Benzo(a)anthracene	21.41	228	11124	0.187	ng	98
31) Chrysene	21.46	228	11251	0.194	ng	98
32) Bis(2-ethylhexyl)phthalate	21.33	149	18926	0.183	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.68	276	13072	0.190	ng	100
35) Benzo(b)fluoranthene	23.19	252	10819	0.188	ng	# 93
36) Benzo(k)fluoranthene	23.24	252	10576	0.191	ng	# 97
37) Benzo(a)pyrene	23.86	252	10543	0.194	ng	# 91
38) Dibenzo(a,h)anthracene	26.71	278	10757	0.194	ng	# 96
39) Benzo(g,h,i)perylene	27.51	276	10690	0.192	ng	# 92

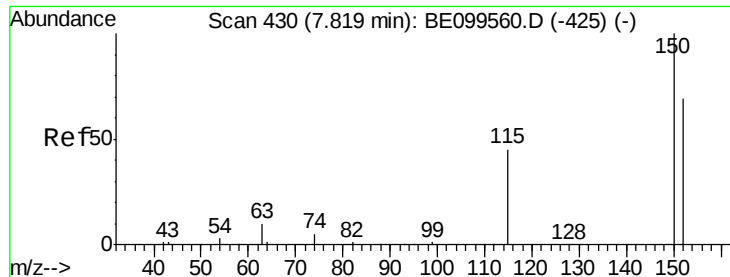
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
Data File : BE099559.D
Acq On : 7 May 2019 10:14
Operator : JU/SJ
Sample : SSTDIC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
SSTDIC0.2

Quant Time: May 07 13:44:33 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



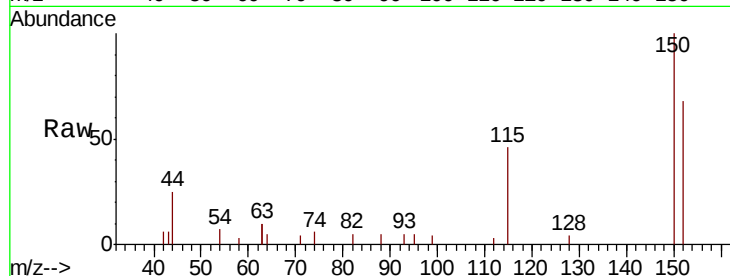


#1

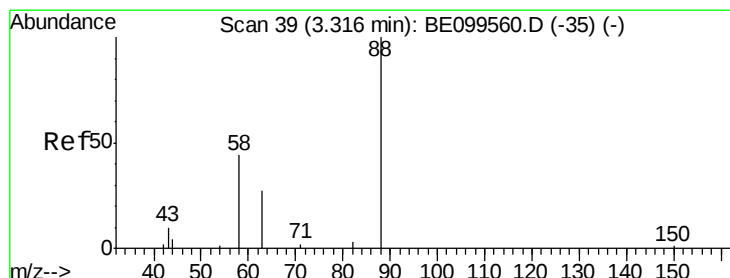
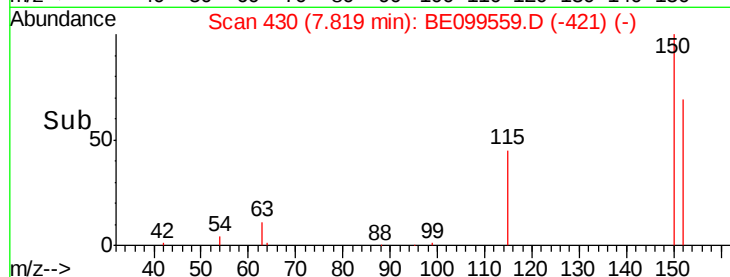
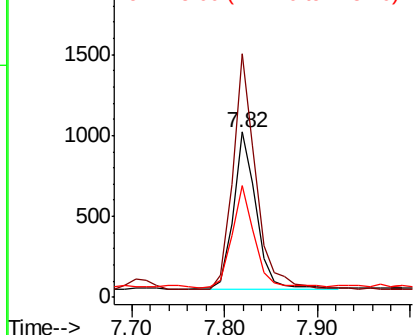
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:152 Resp: 1638
Ion Ratio Lower Upper
152 100
150 147.2 113.8 170.6
115 67.2 54.2 81.2



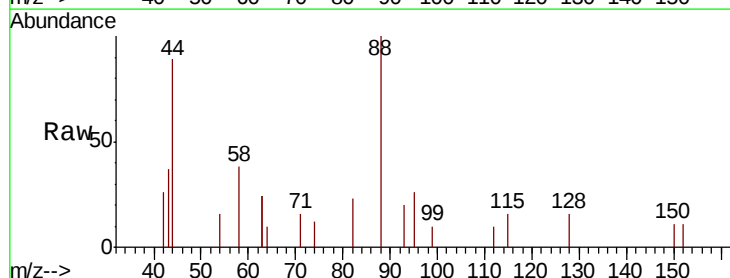
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



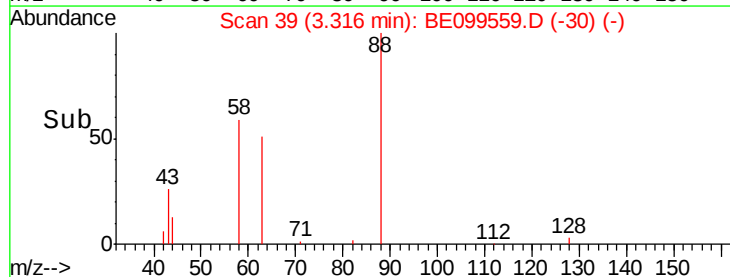
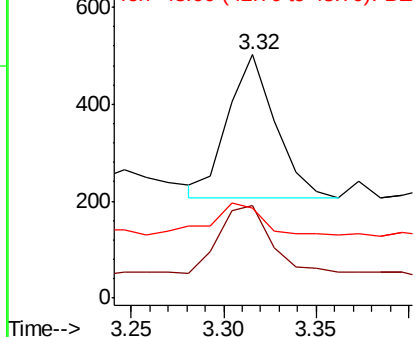
#2

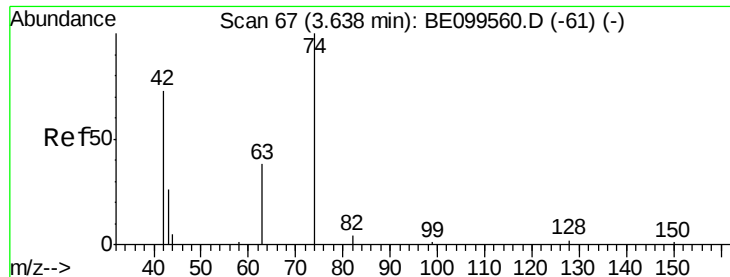
1,4-Dioxane
Concen: 0.236 ng
RT: 3.32 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion: 88 Resp: 531
Ion Ratio Lower Upper
88 100
58 50.8 46.6 69.8
43 24.3 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



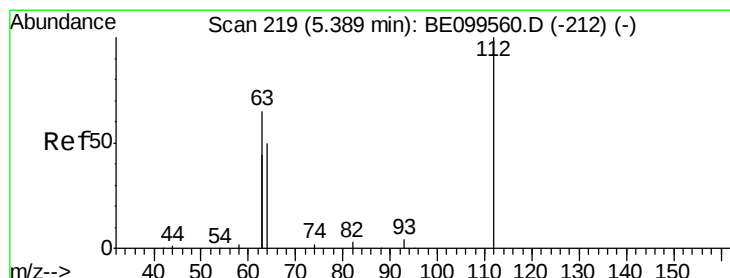
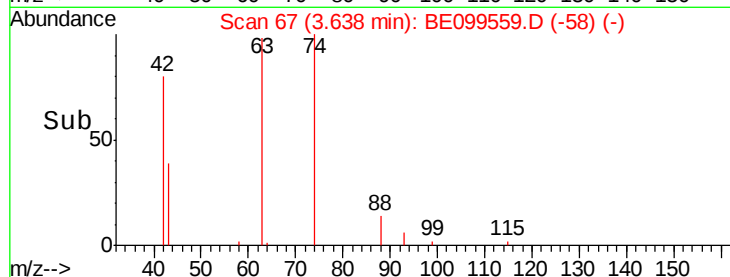
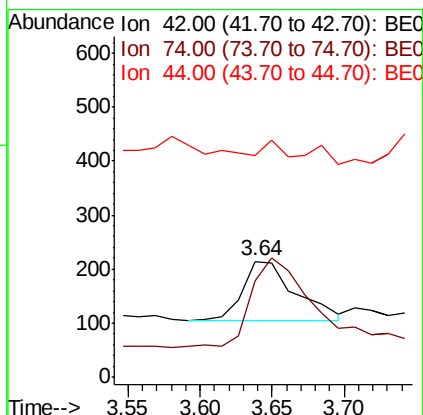
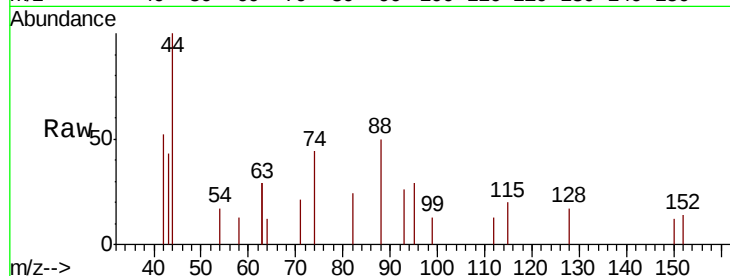


#3

n-Nitrosodimethylamine
 Concen: 0.203 ng
 RT: 3.64 min Scan# 67
 Delta R.T. -0.00 min
 Lab File: BE099559.D
 Acq: 7 May 2019 10:14

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

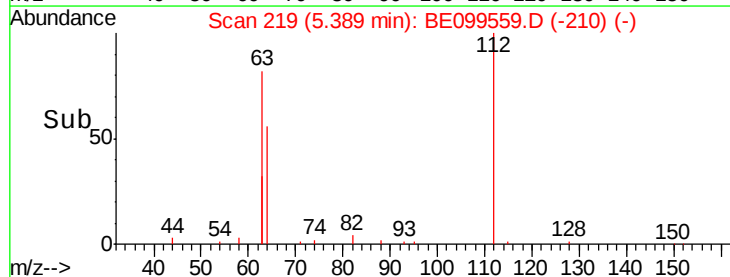
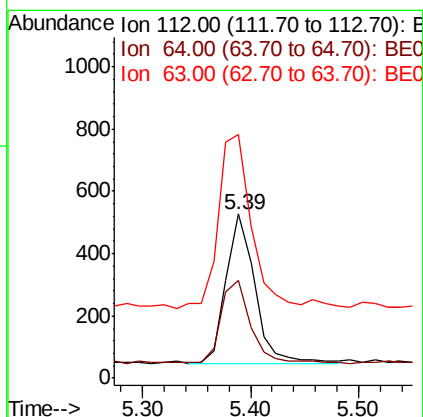
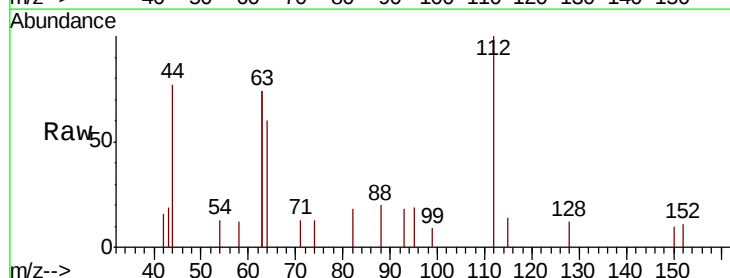
Tot Ion: 42 Resp: 276
 Ion Ratio Lower Upper
 42 100
 74 165.2 121.3 181.9
 44 6.9 0.0 0.0#

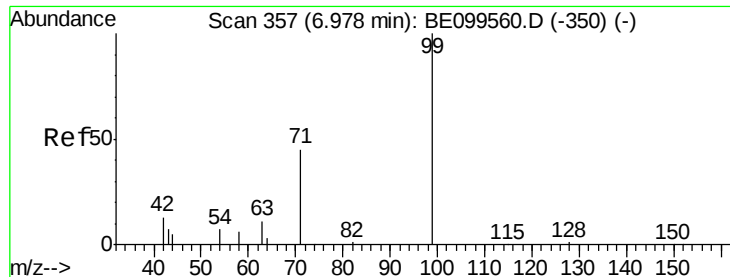


#4

2-Fluorophenol
 Concen: 0.198 ng
 RT: 5.39 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: BE099559.D
 Acq: 7 May 2019 10:14

Tgt Ion: 112 Resp: 897
 Ion Ratio Lower Upper
 112 100
 64 56.5 46.3 69.5
 63 132.8 99.6 149.4





#5

Phenol-d6

Concen: 0.188 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

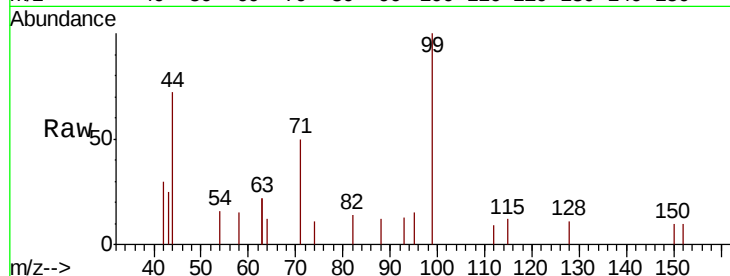
Tot Ion: 99 Resp: 1131

Ion Ratio Lower Upper

99 100

42 15.6 13.4 20.0

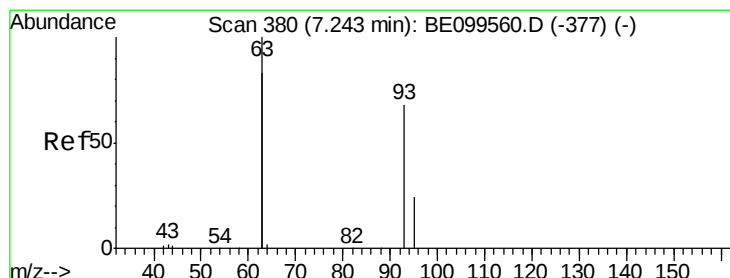
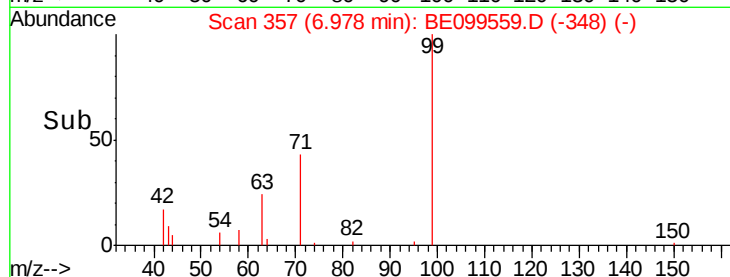
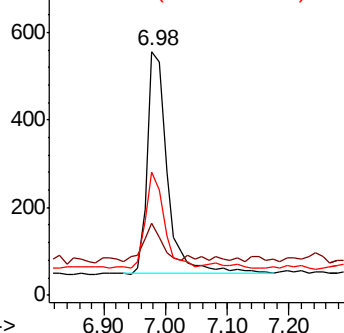
71 38.5 34.2 51.2



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



#6

bis(2-Chloroethyl)ether

Concen: 0.189 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

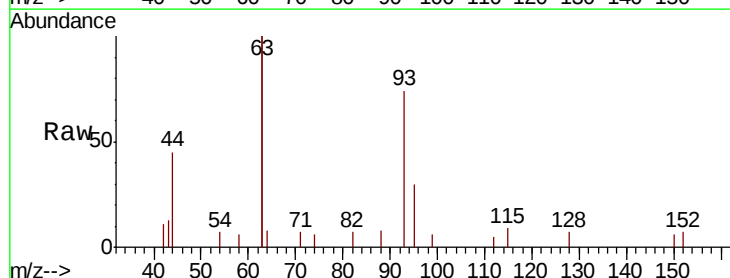
Tgt Ion: 93 Resp: 984

Ion Ratio Lower Upper

93 100

63 255.9 209.0 313.4

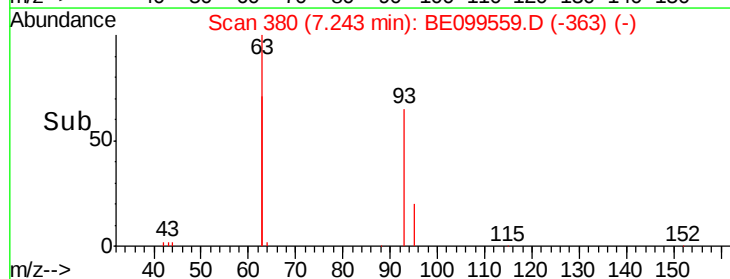
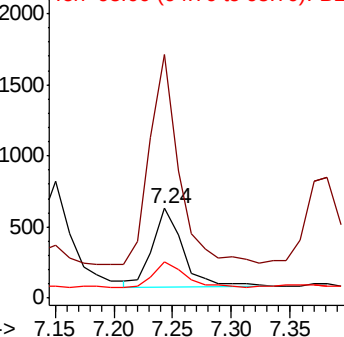
95 33.9 26.9 40.3

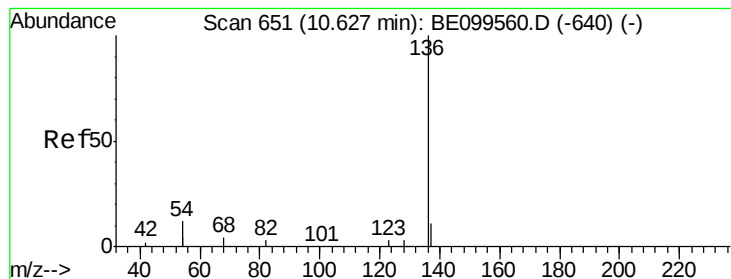


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 5955

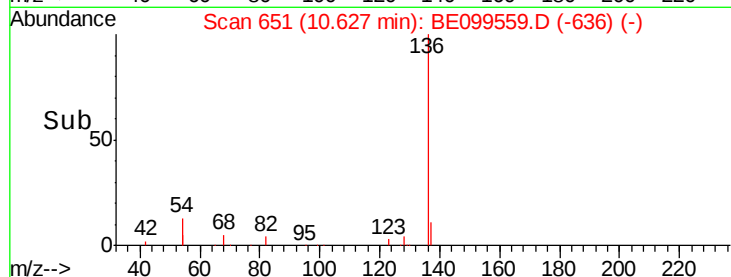
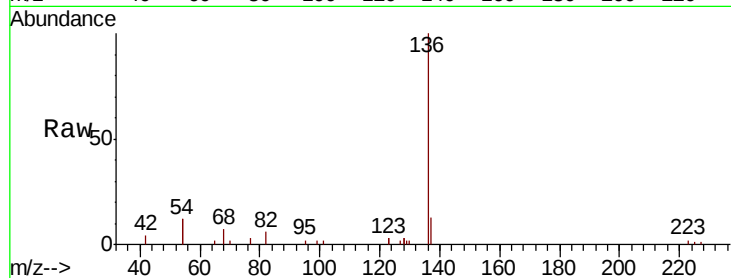
Ion Ratio Lower Upper

136 100

137 12.6 10.0 15.0

54 25.0 18.6 28.0

68 6.6 4.6 6.8

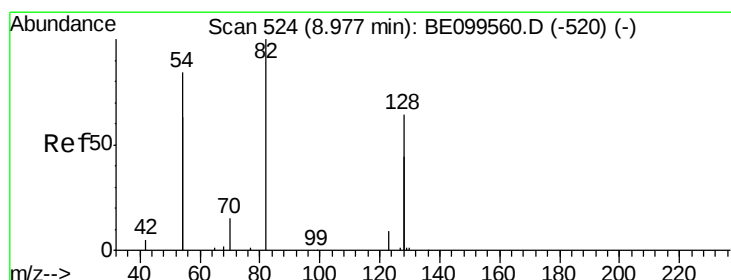
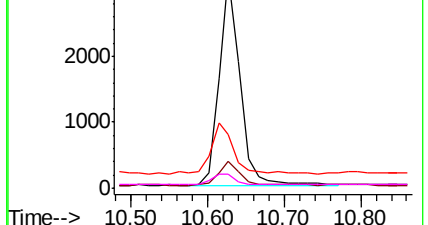


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.194 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

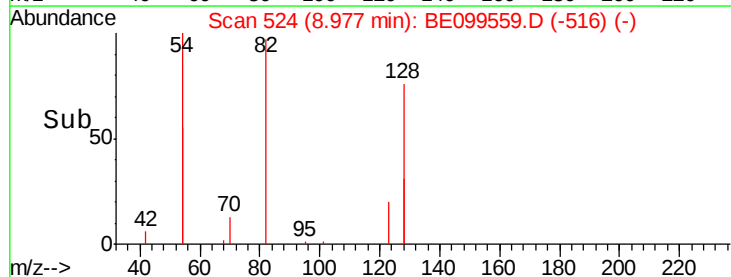
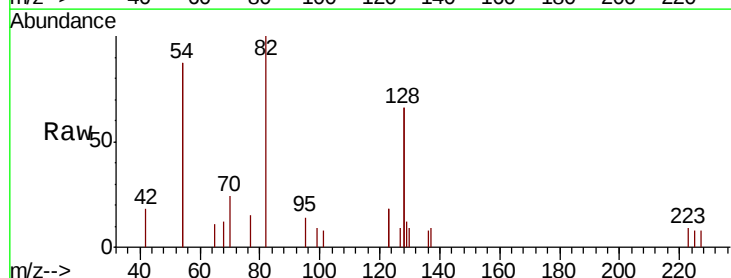
Tgt Ion: 82 Resp: 1080

Ion Ratio Lower Upper

82 100

128 132.4 97.6 146.4

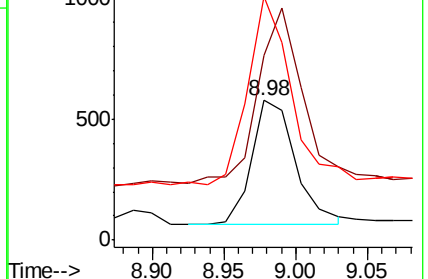
54 174.7 127.4 191.2

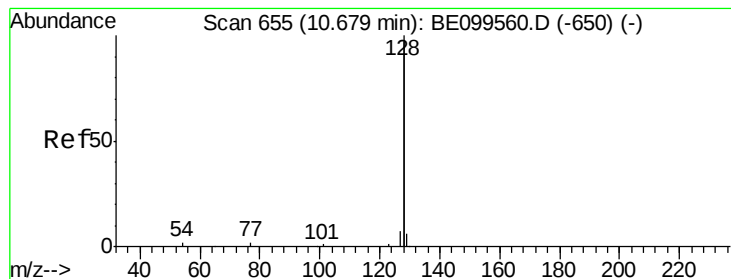


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.193 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

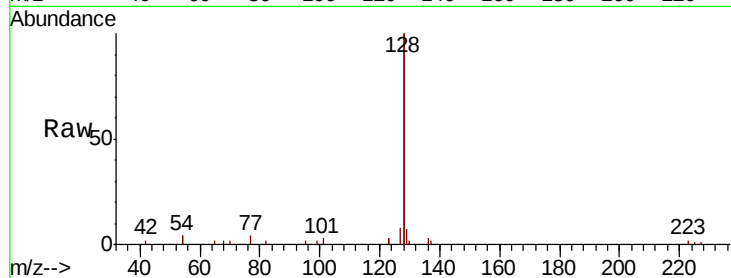
Tot Ion:128 Resp: 12534

Ion Ratio Lower Upper

128 100

129 3.5 2.6 3.8

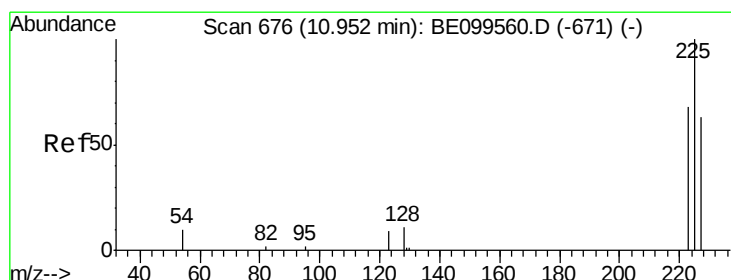
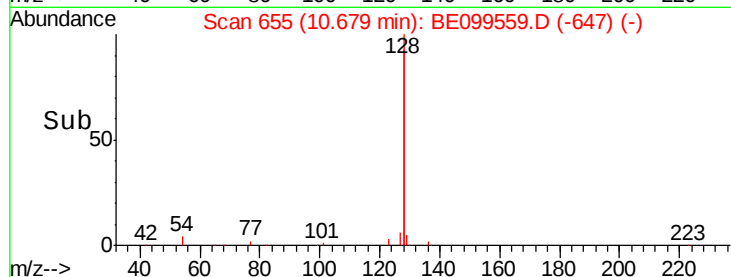
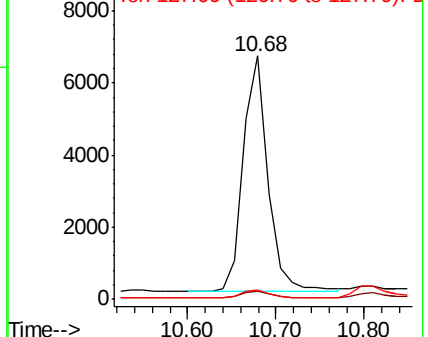
127 3.8 3.0 4.4



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: 0.199 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

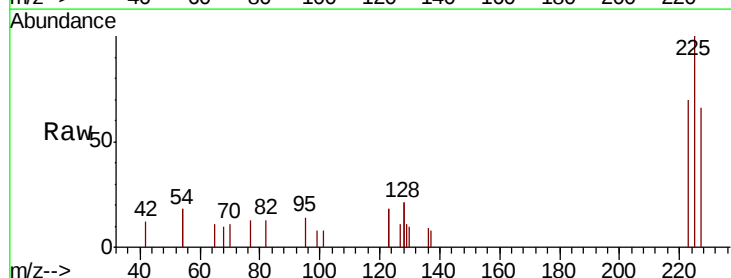
Tgt Ion:225 Resp: 898

Ion Ratio Lower Upper

225 100

223 67.9 53.0 79.6

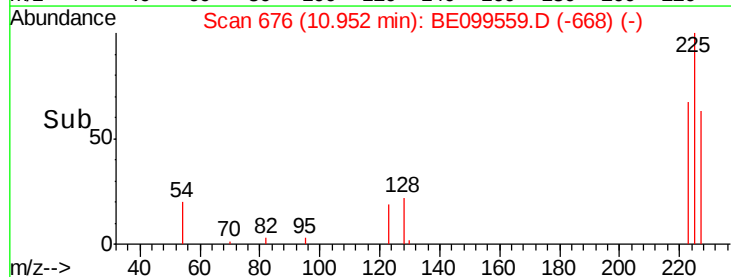
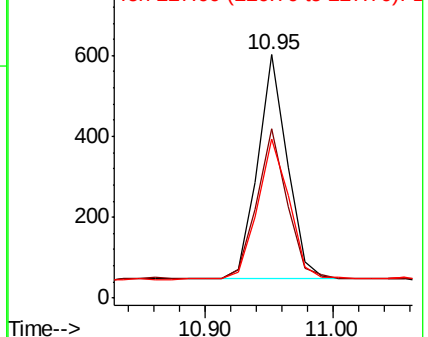
227 69.4 51.4 77.0

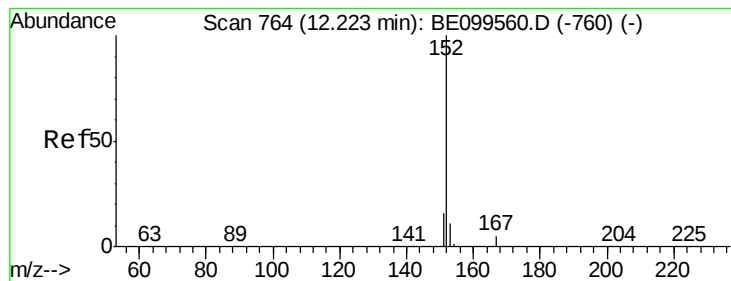


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.196 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

Instrument :

BNA_E

ClientSampleId :

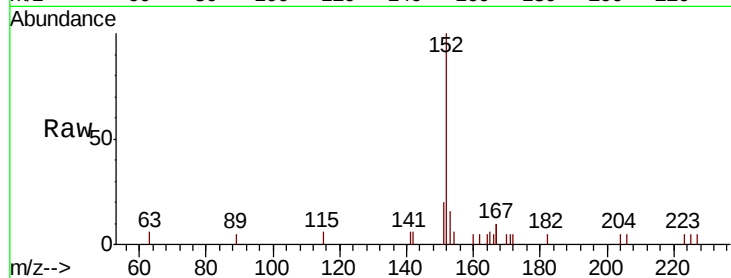
SSTDIC0.2

Tot Ion:152 Resp: 2100

Ion Ratio Lower Upper

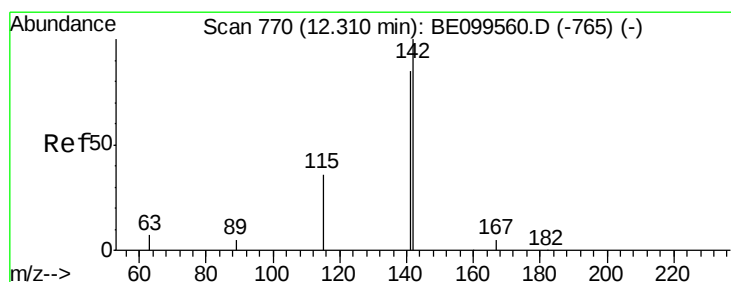
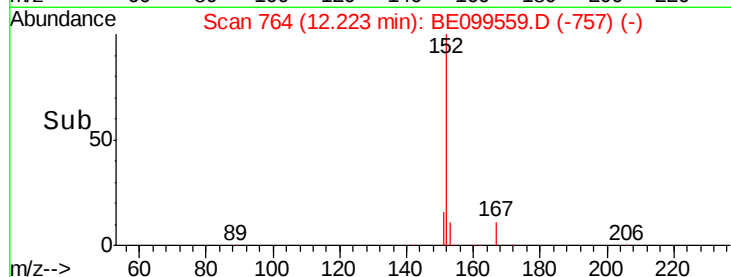
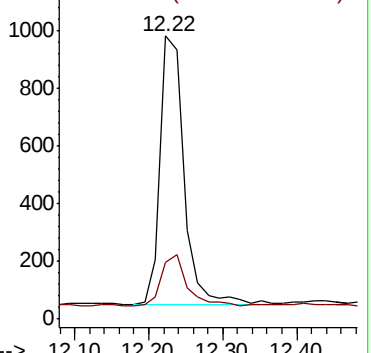
152 100

151 19.9 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: 0.184 ng

RT: 12.31 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

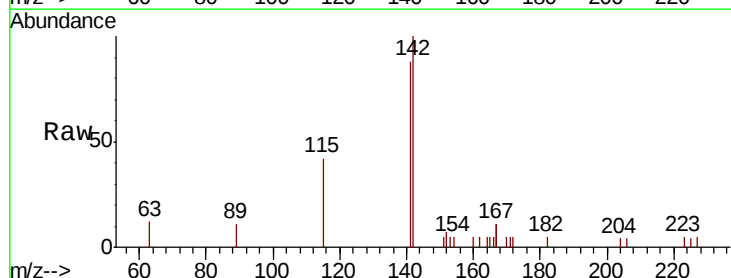
Tgt Ion:142 Resp: 2076

Ion Ratio Lower Upper

142 100

141 87.9 68.1 102.1

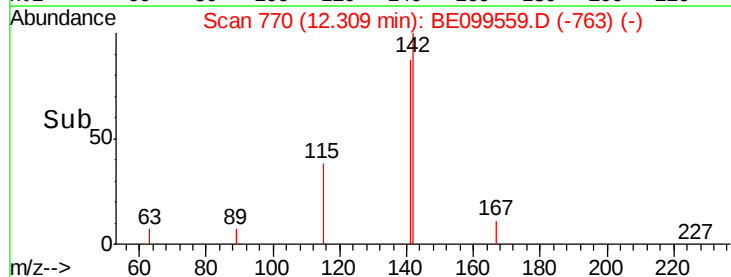
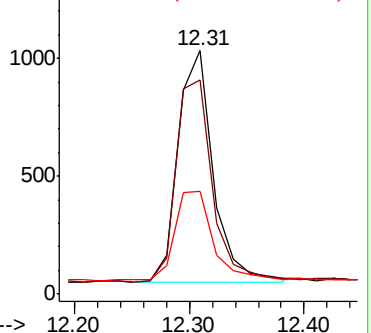
115 42.0 30.8 46.2

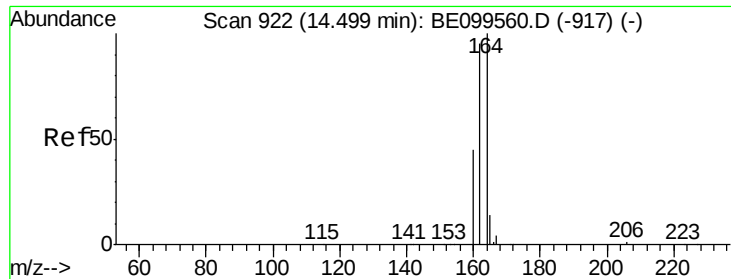


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

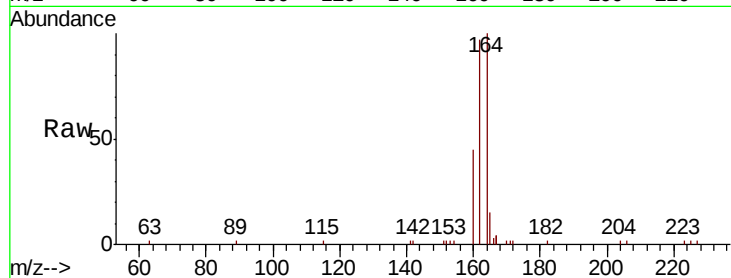




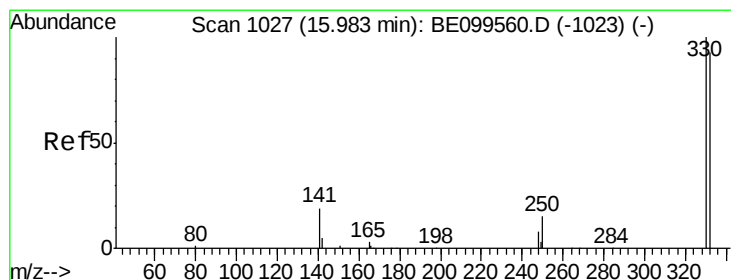
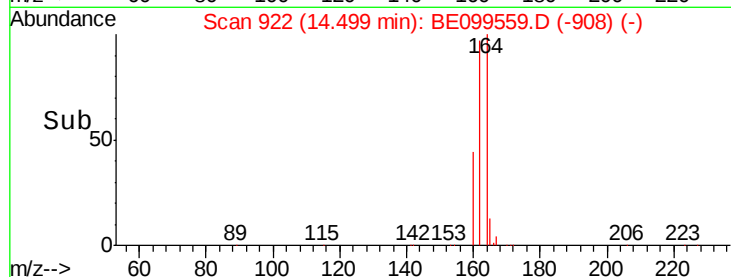
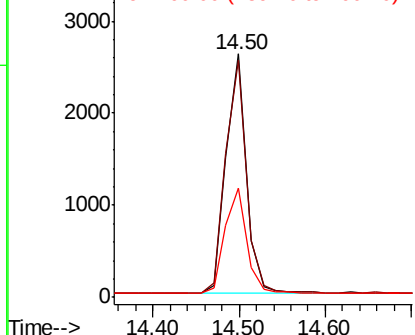
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:164 Resp: 4219
Ion Ratio Lower Upper
164 100
162 97.3 76.4 114.6
160 44.7 36.6 55.0

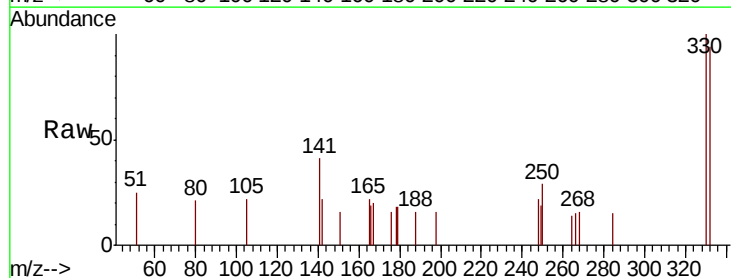


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

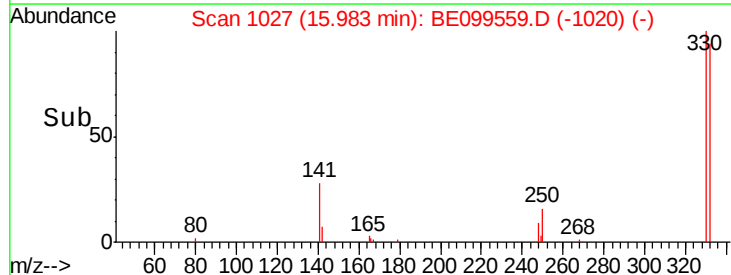
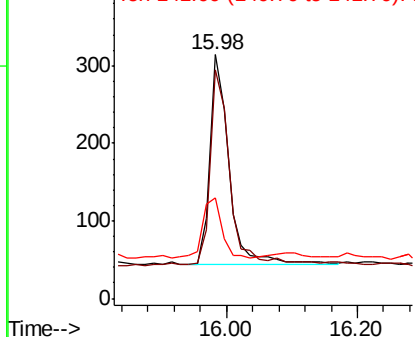


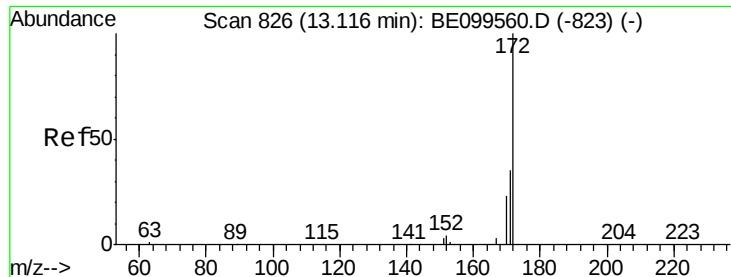
#14
2,4,6-Tribromophenol
Concen: 0.205 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:330 Resp: 544
Ion Ratio Lower Upper
330 100
332 94.3 77.7 116.5
141 28.1 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

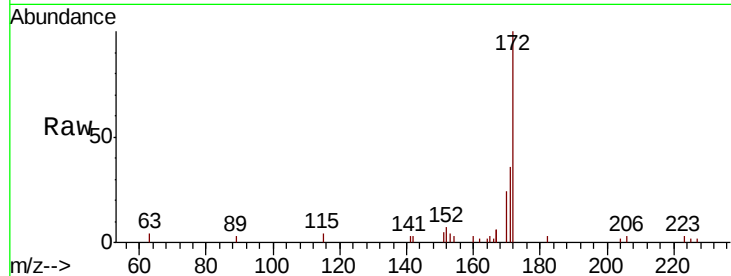




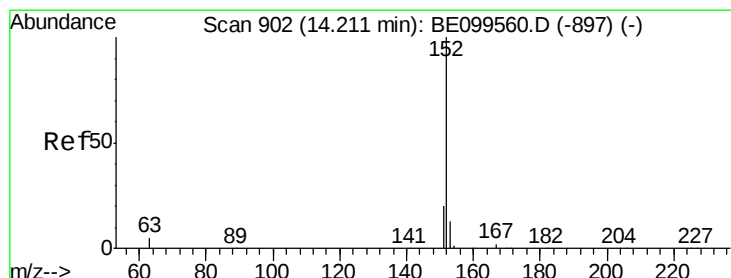
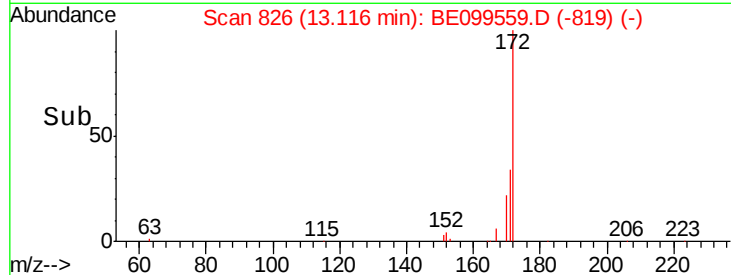
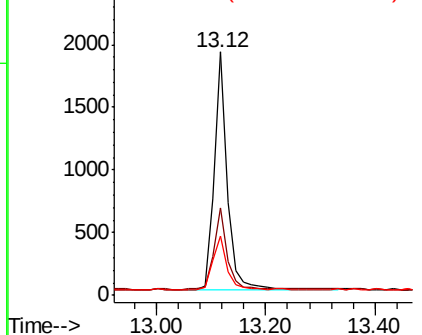
#15
2-Fluorobiphenyl
Concen: 0.200 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:172 Resp: 3217
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.2 18.8 28.2

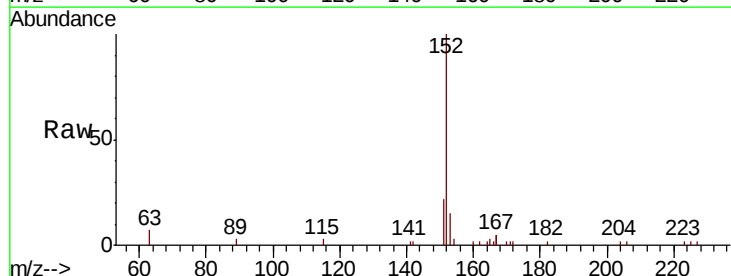


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

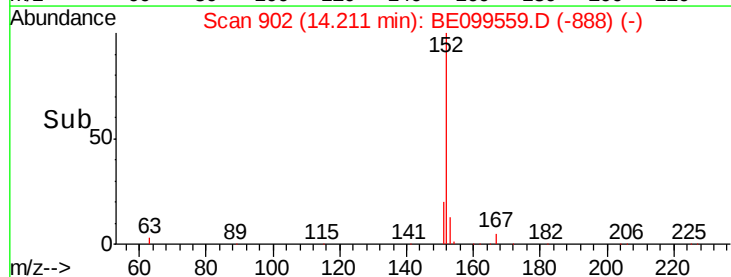
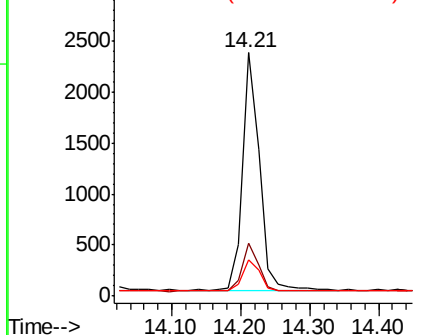


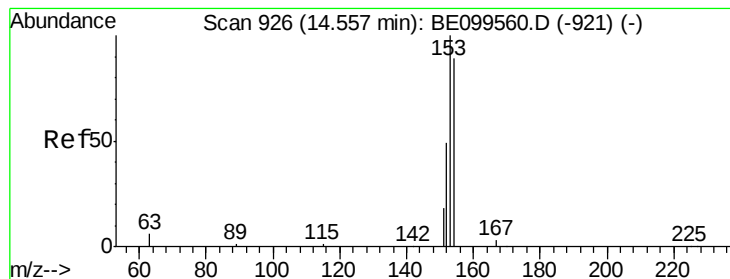
#16
Acenaphthylene
Concen: 0.192 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:152 Resp: 3958
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.7 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: 0.194 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

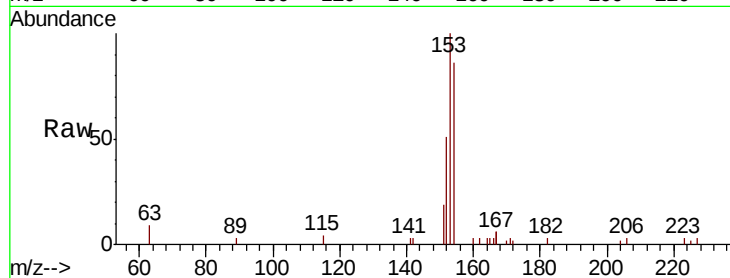
Tot Ion:154 Resp: 2290

Ion Ratio Lower Upper

154 100

153 115.8 89.7 134.5

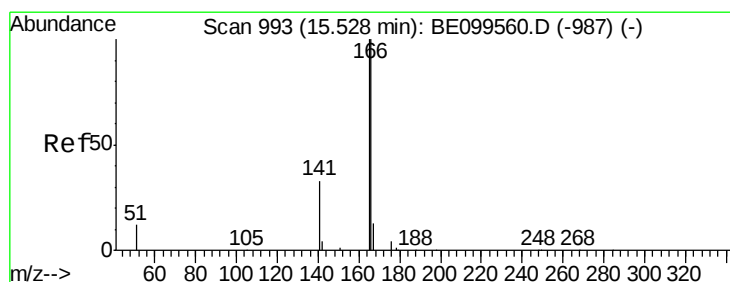
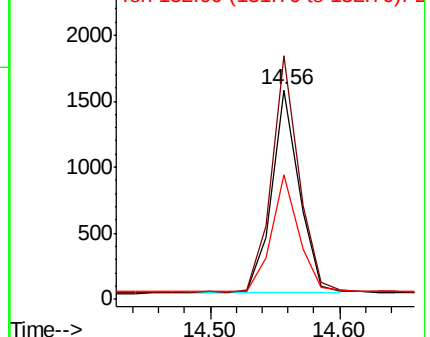
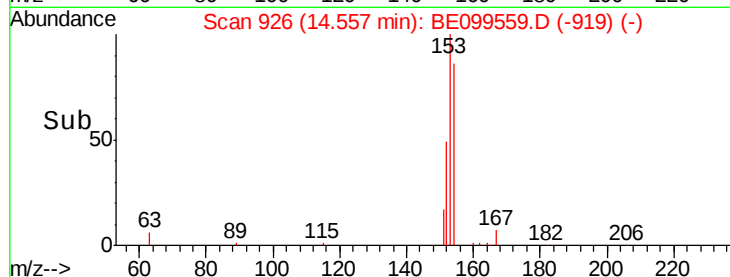
152 57.7 43.9 65.9



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: 0.185 ng

RT: 15.53 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

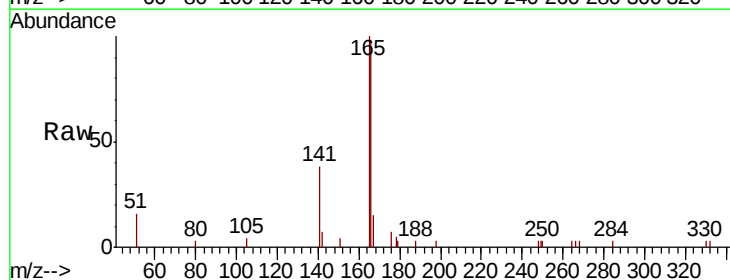
Tgt Ion:166 Resp: 3221

Ion Ratio Lower Upper

166 100

165 101.0 79.0 118.6

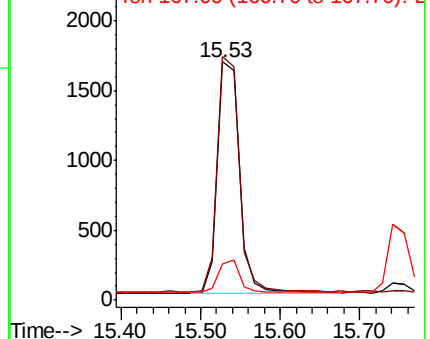
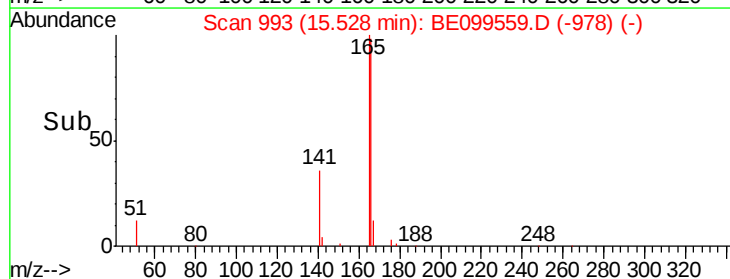
167 13.9 11.5 17.3

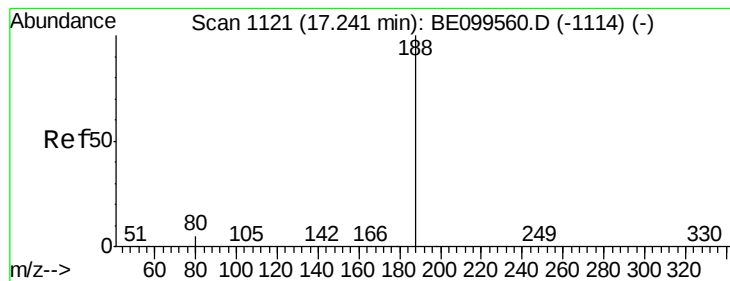


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099559.D

Acq: 7 May 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

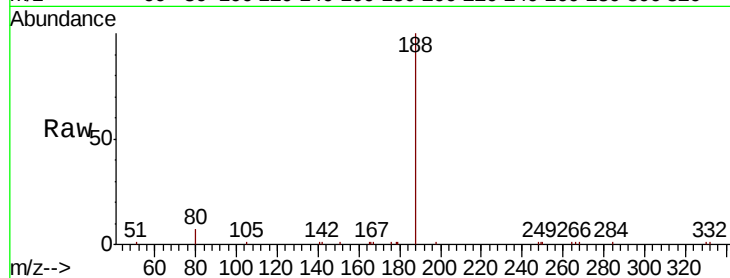
Tot Ion:188 Resp: 12319

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

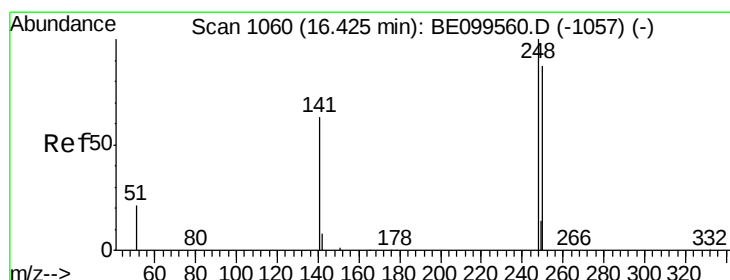
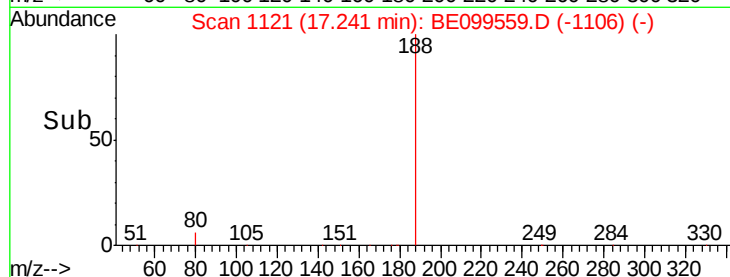
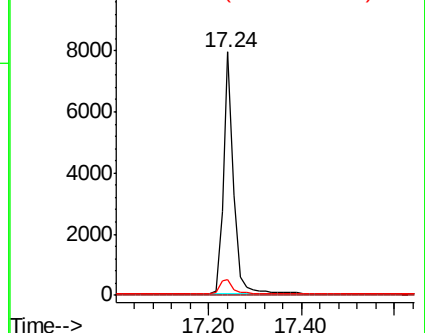
80 6.6 4.6 7.0



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: 0.184 ng

RT: 16.44 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

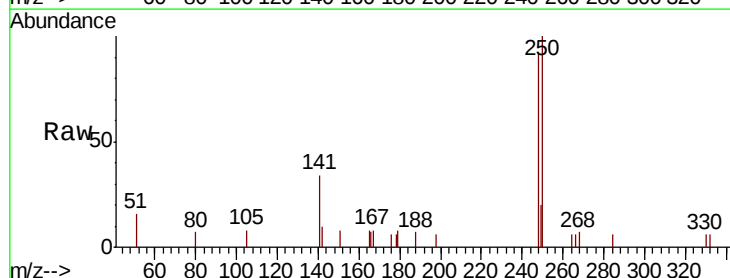
Tgt Ion:248 Resp: 1323

Ion Ratio Lower Upper

248 100

250 108.6 70.0 105.0#

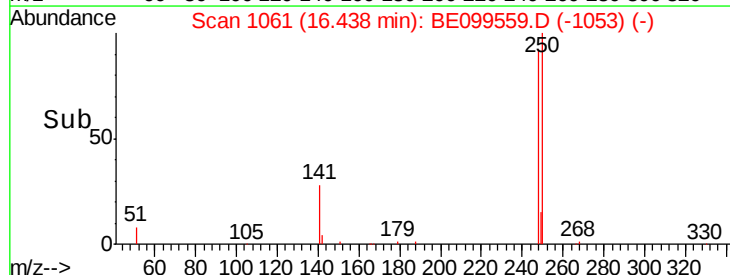
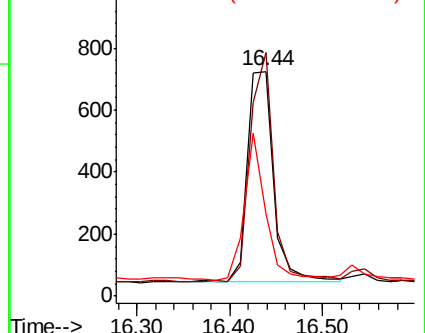
141 36.7 51.8 77.8#

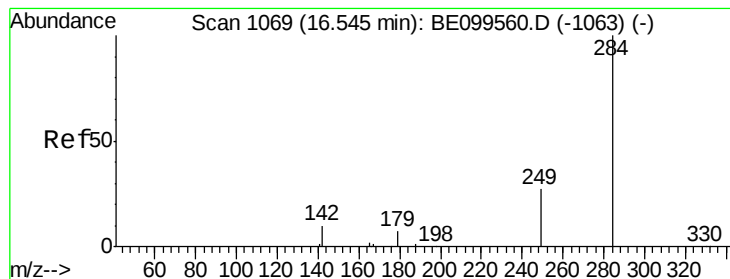


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.198 ng

RT: 16.55 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

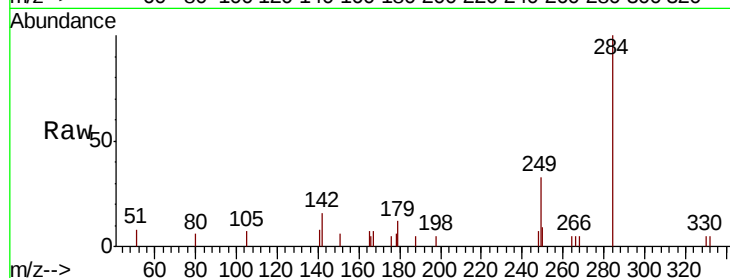
Tot Ion:284 Resp: 1351

Ion Ratio Lower Upper

284 100

142 25.4 19.5 29.3

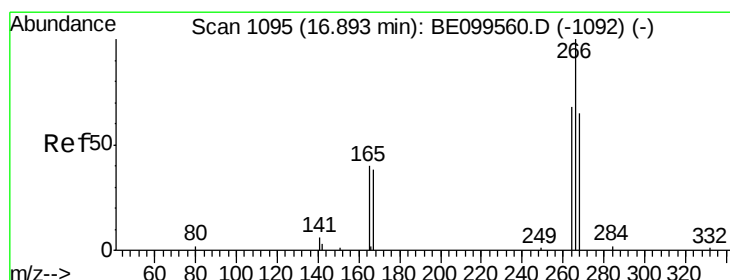
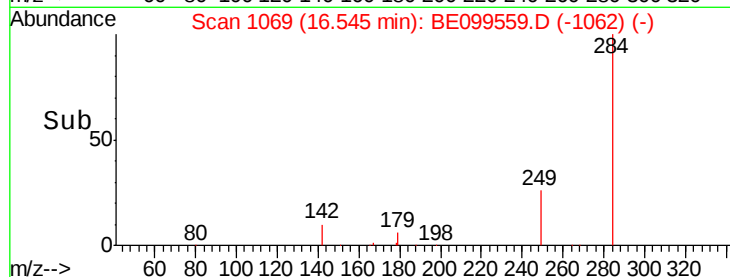
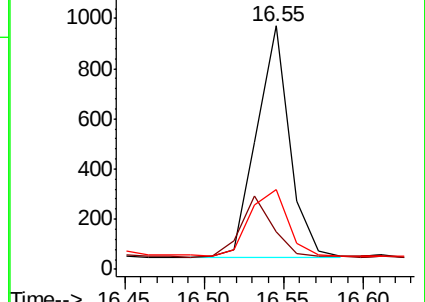
249 31.8 26.2 39.2



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: 0.155 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

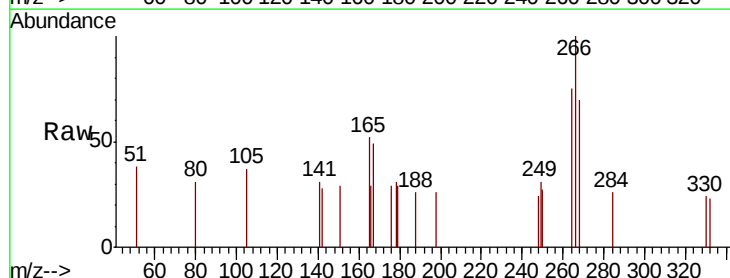
Tgt Ion:266 Resp: 479

Ion Ratio Lower Upper

266 100

264 75.4 56.6 84.8

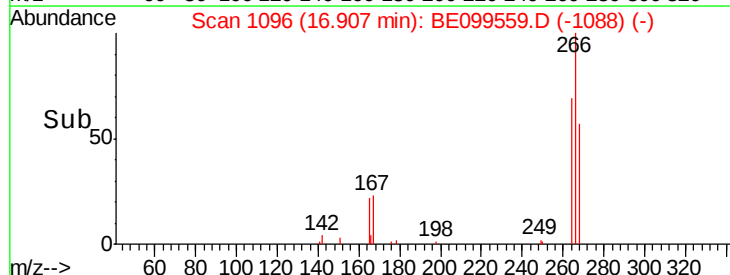
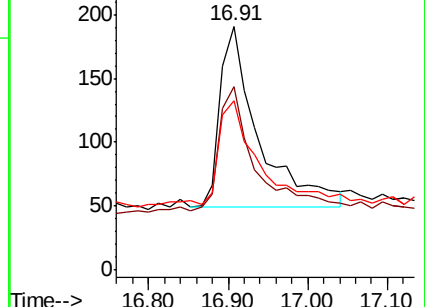
268 69.6 55.8 83.8

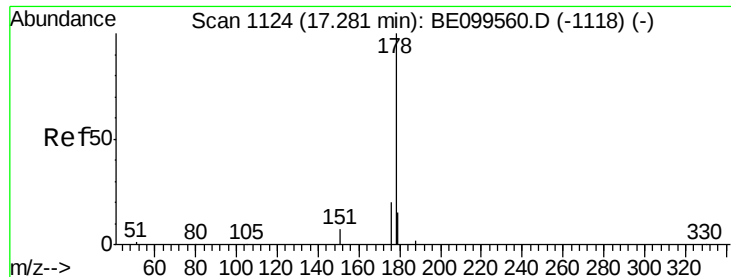


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.185 ng

RT: 17.28 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

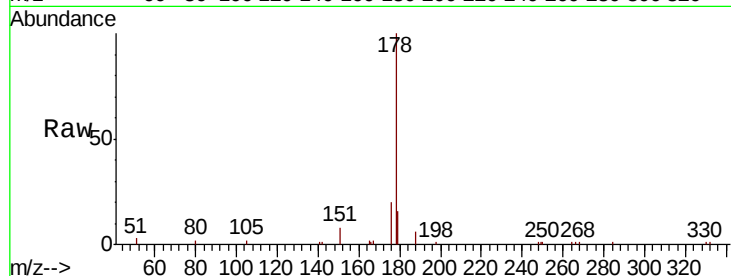
Tot Ion:178 Resp: 5883

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

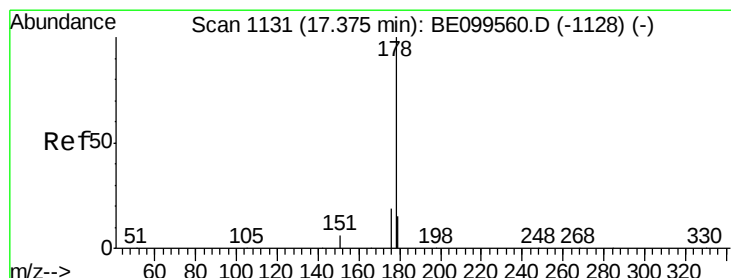
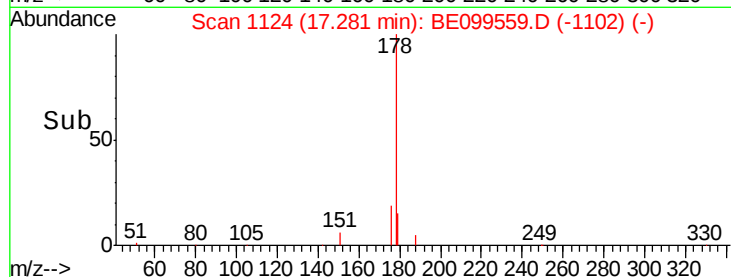
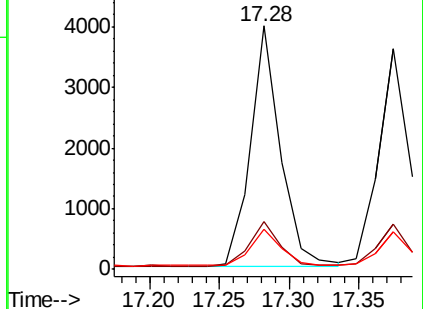
179 16.1 12.5 18.7



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: 0.184 ng

RT: 17.38 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

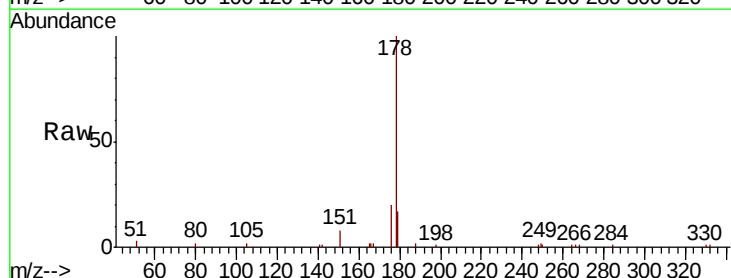
Tgt Ion:178 Resp: 5577

Ion Ratio Lower Upper

178 100

176 18.1 15.3 22.9

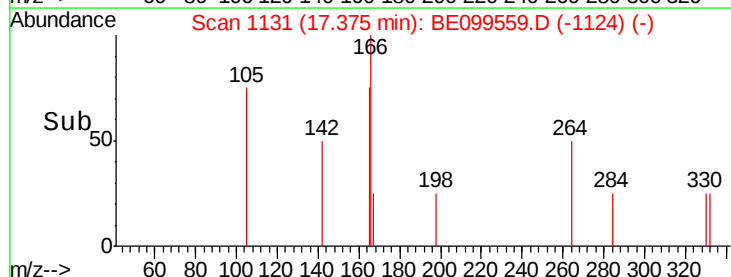
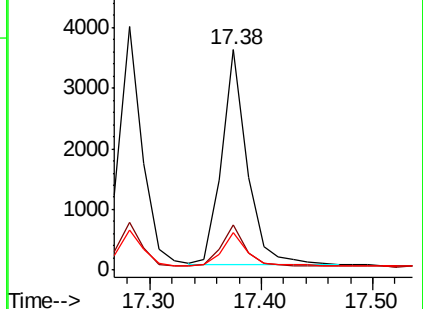
179 14.9 12.2 18.4

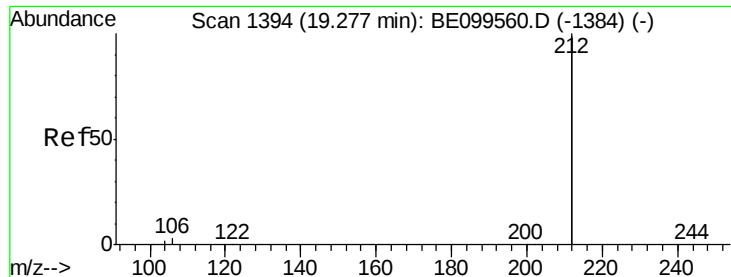


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.199 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

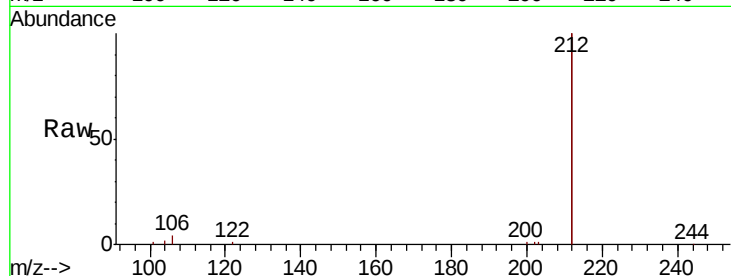
Tot Ion:212 Resp: 33026

Ion Ratio Lower Upper

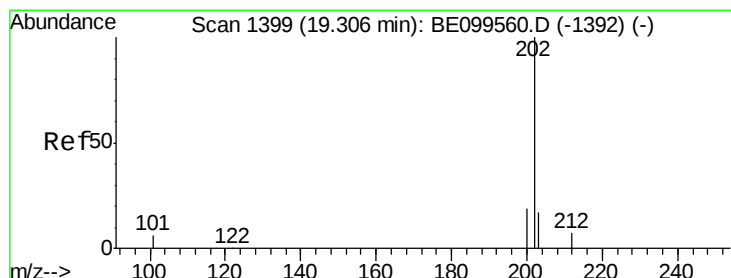
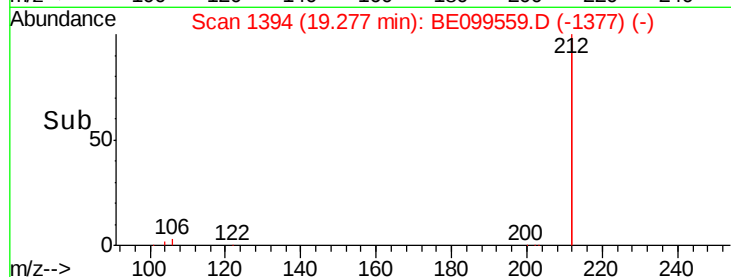
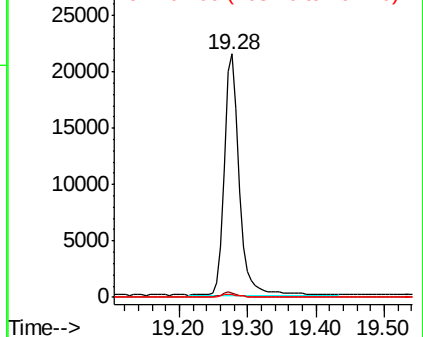
212 100

106 1.7 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: 0.195 ng

RT: 19.31 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

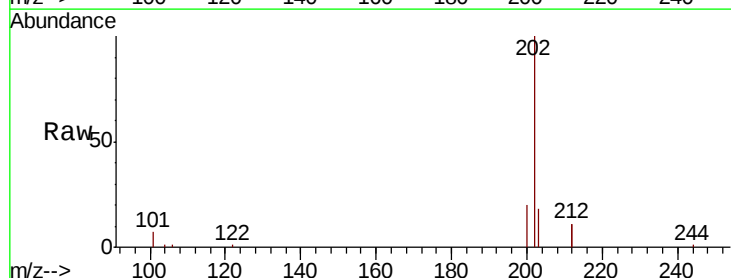
Tgt Ion:202 Resp: 9262

Ion Ratio Lower Upper

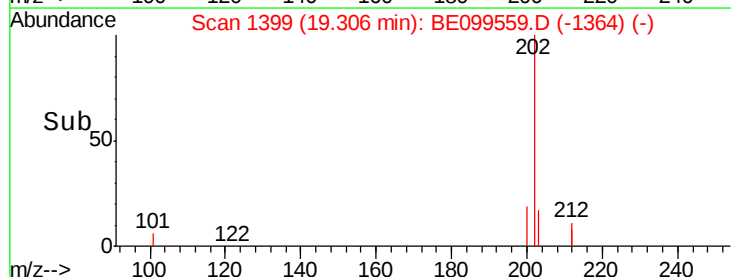
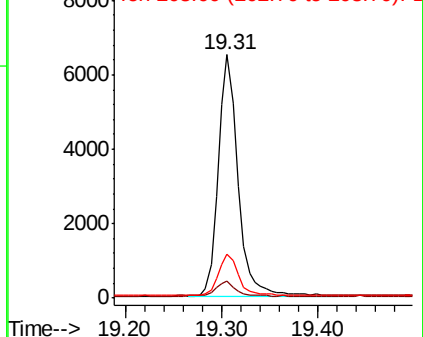
202 100

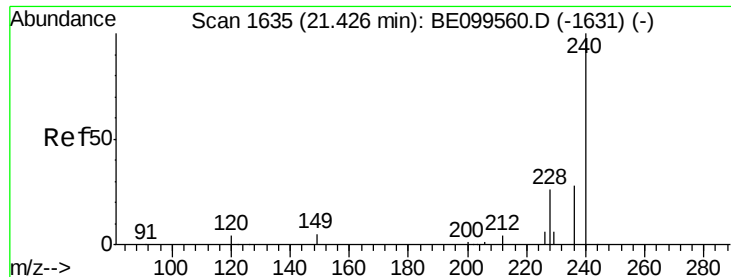
101 6.0 5.3 7.9

203 17.7 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

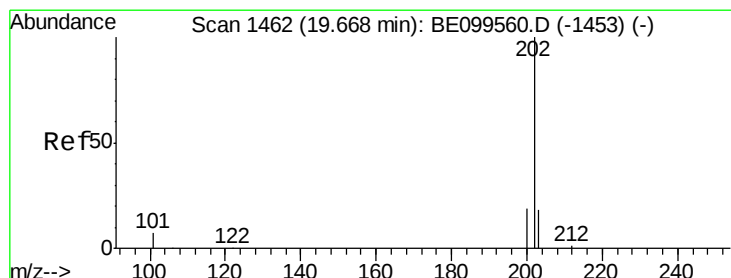
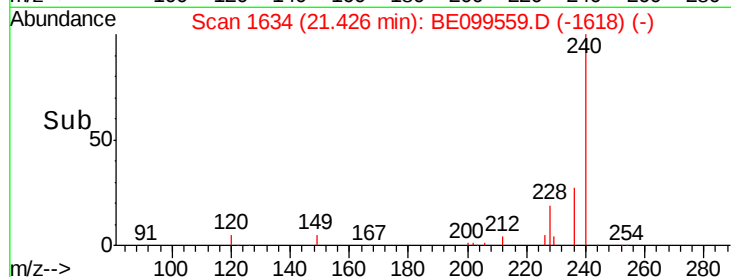
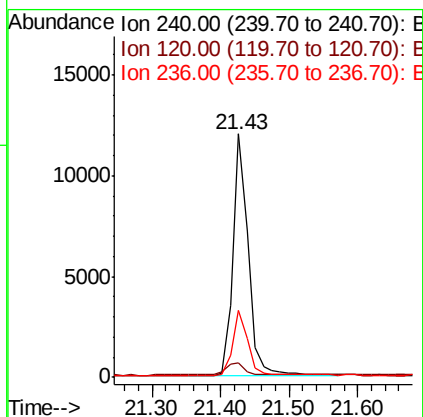
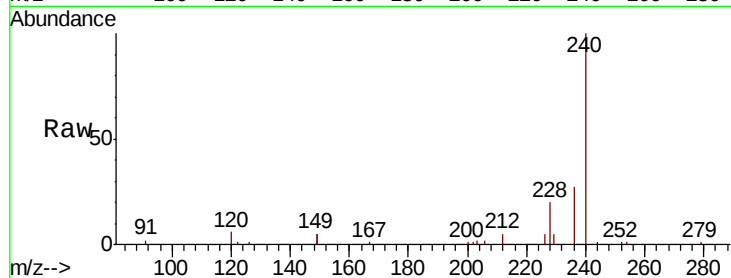




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

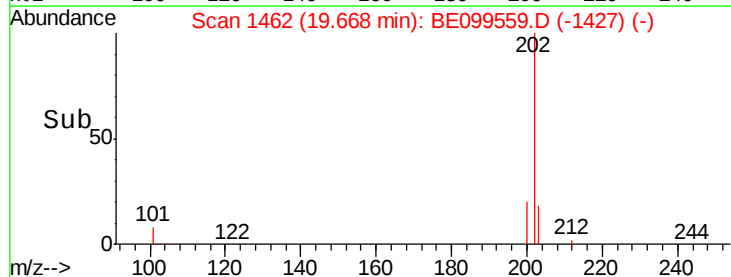
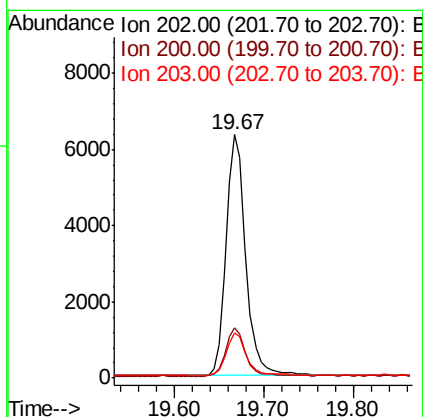
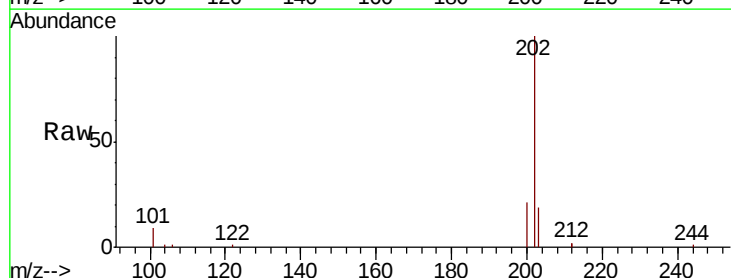
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

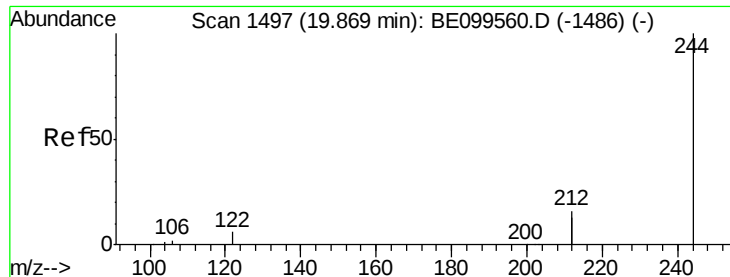
Tot Ion:240 Resp: 18623
Ion Ratio Lower Upper
240 100
120 5.7 3.8 5.6#
236 27.5 22.5 33.7



#28
Pyrene
Concen: 0.198 ng
RT: 19.67 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:202 Resp: 9616
Ion Ratio Lower Upper
202 100
200 19.6 15.8 23.6
203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 0.194 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

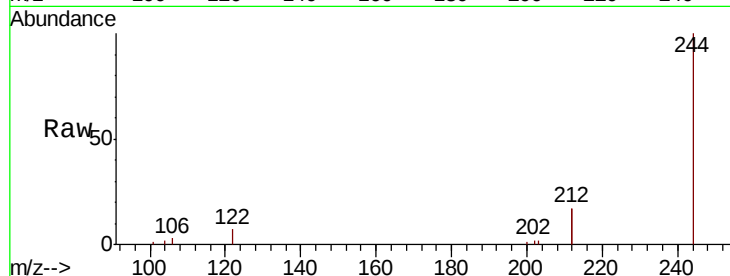
Tot Ion:244 Resp: 6629

Ion Ratio Lower Upper

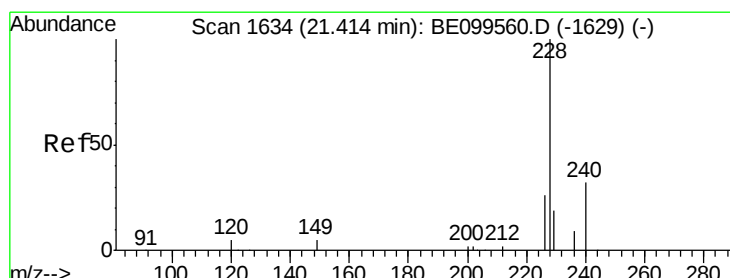
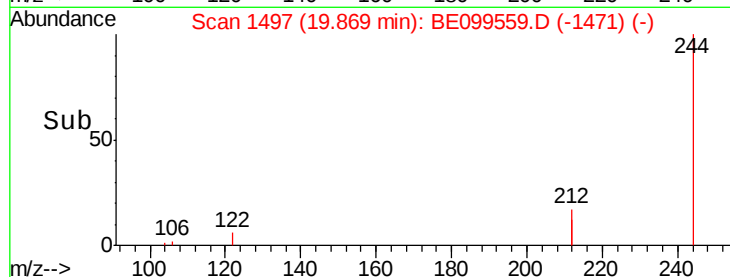
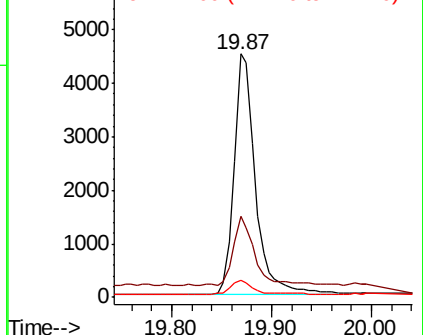
244 100

212 33.5 24.6 37.0

122 6.9 5.0 7.6



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: 0.187 ng

RT: 21.41 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

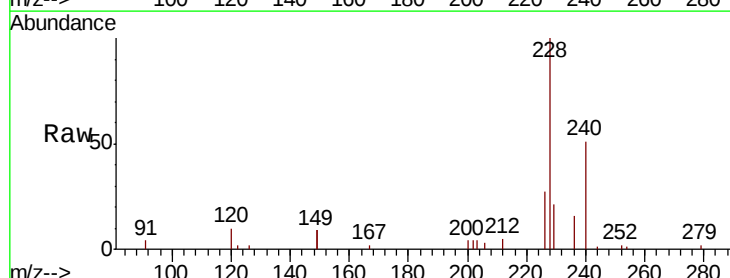
Tgt Ion:228 Resp: 11124

Ion Ratio Lower Upper

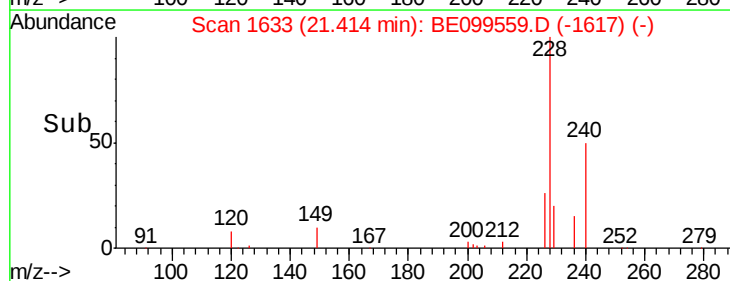
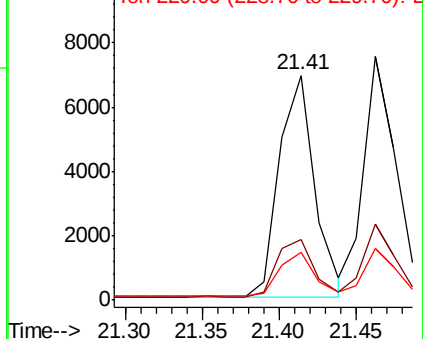
228 100

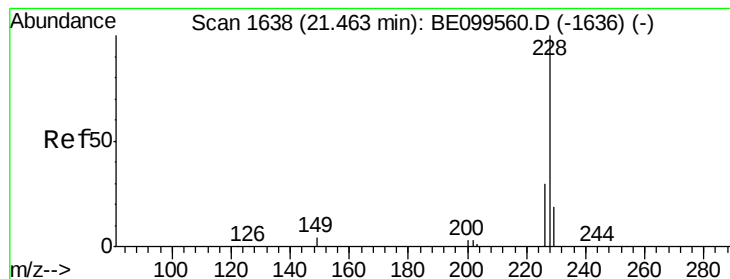
226 26.7 20.9 31.3

229 21.2 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: 0.194 ng

RT: 21.46 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

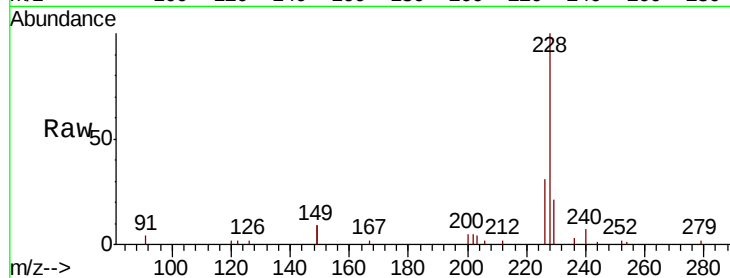
Tot Ion:228 Resp: 11251

Ion Ratio Lower Upper

228 100

226 31.3 24.2 36.4

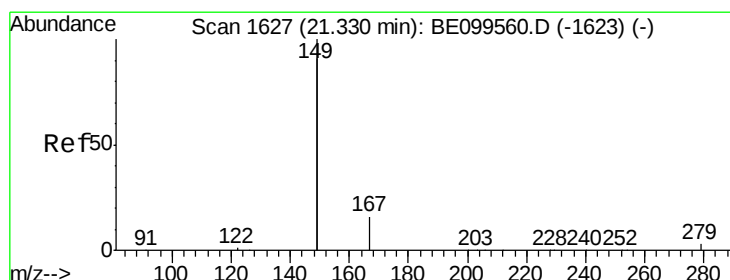
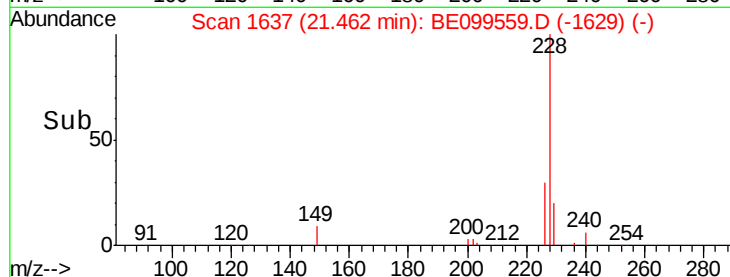
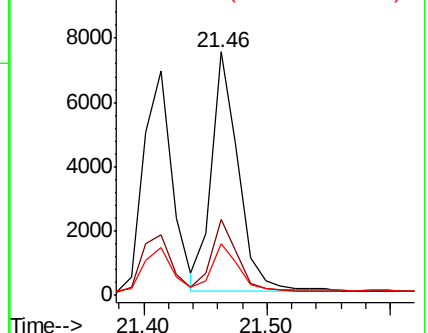
229 21.3 15.8 23.6



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: 0.183 ng

RT: 21.33 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

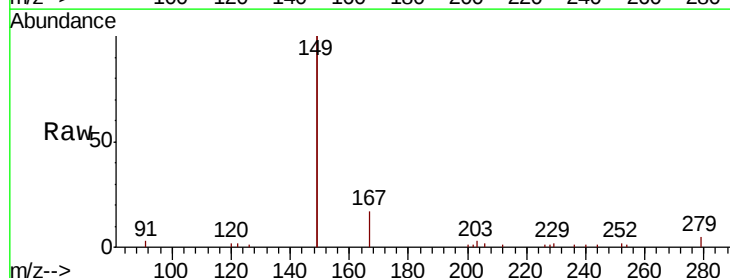
Tgt Ion:149 Resp: 18926

Ion Ratio Lower Upper

149 100

167 7.4 6.1 9.1

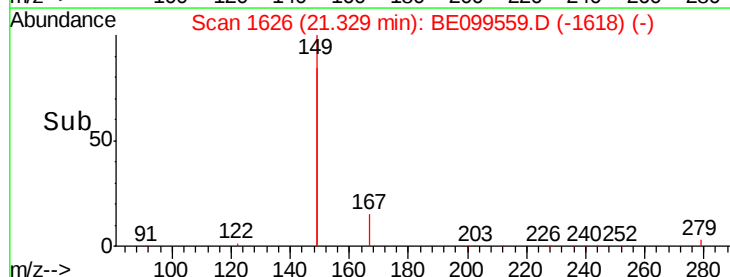
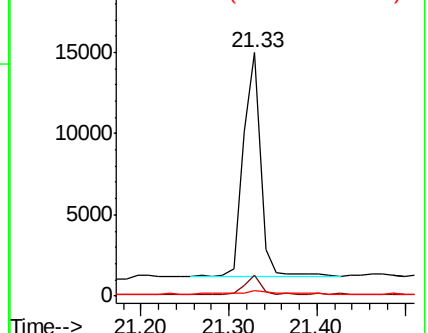
279 2.9 1.3 1.9#

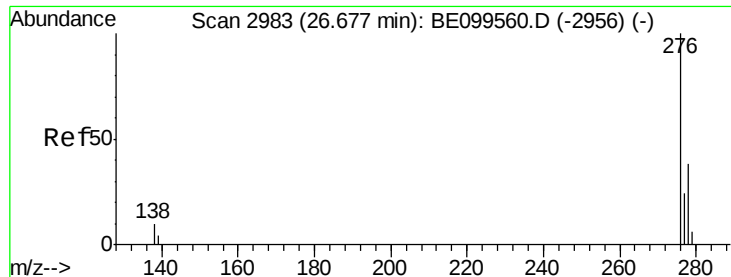


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.190 ng

RT: 26.68 min Scan# 2983

Delta R.T. 0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

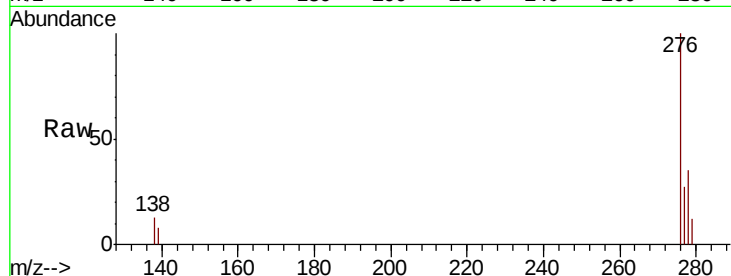
Tot Ion:276 Resp: 13072

Ion Ratio Lower Upper

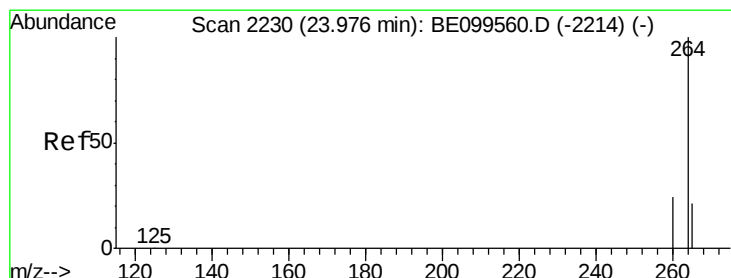
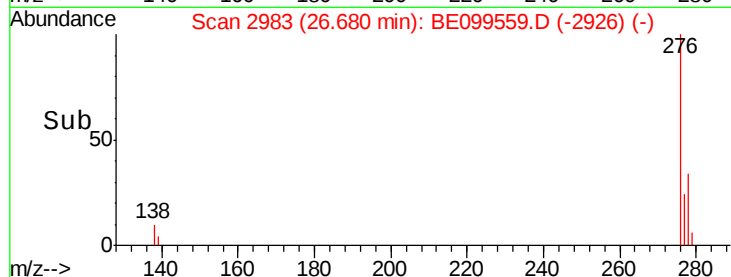
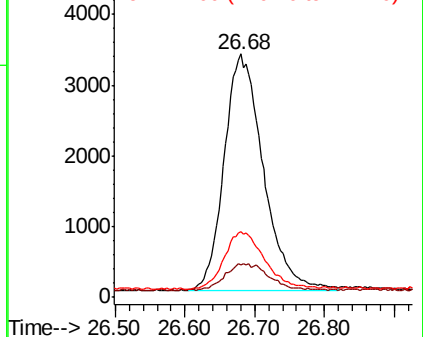
276 100

138 12.1 9.5 14.3

277 24.6 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# 2229

Delta R.T. 0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

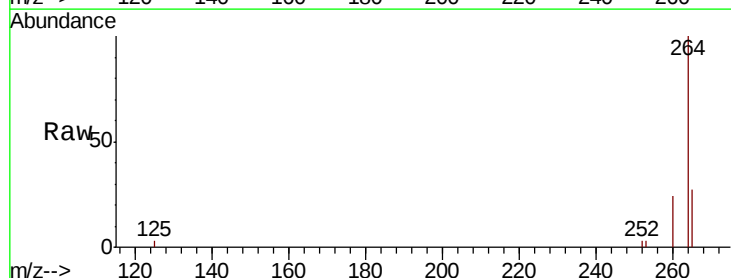
Tgt Ion:264 Resp: 19926

Ion Ratio Lower Upper

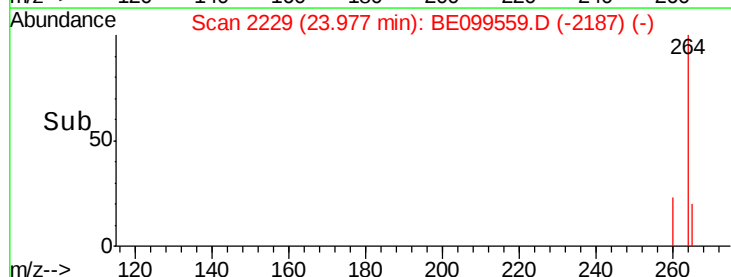
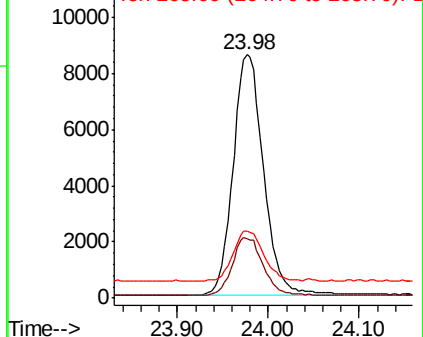
264 100

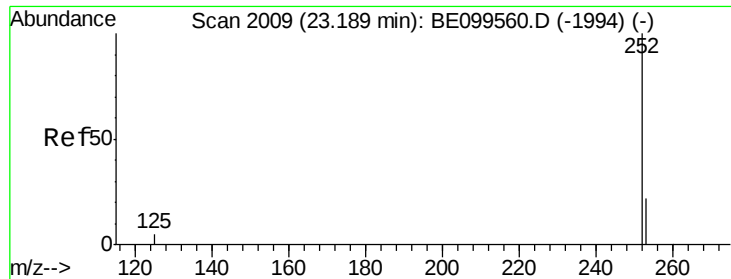
260 24.3 19.9 29.9

265 27.4 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

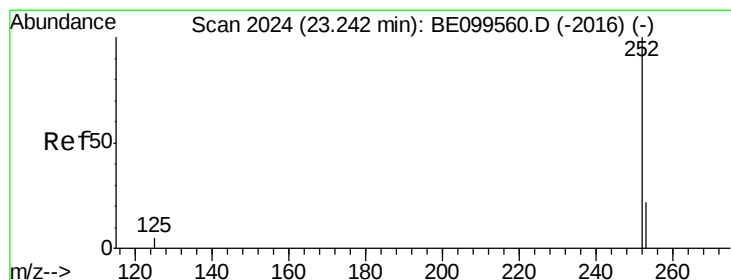
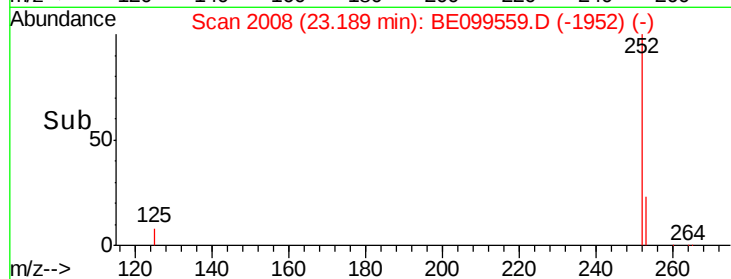
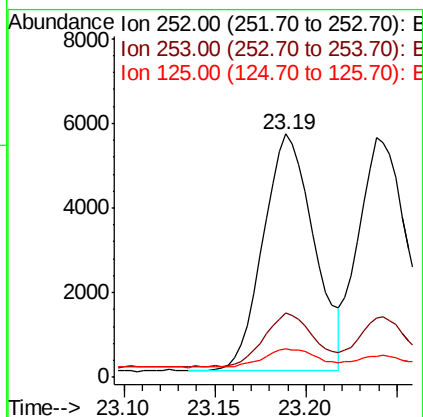
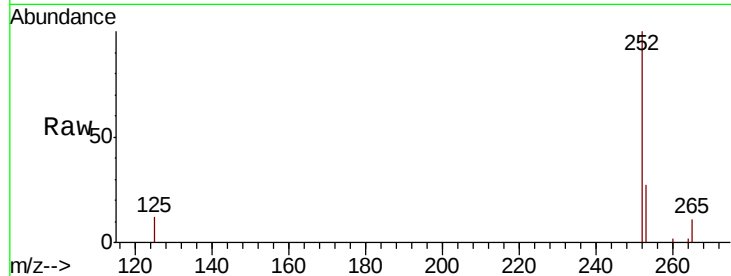




#35
Benzo(b)fluoranthene
Concen: 0.188 ng
RT: 23.19 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

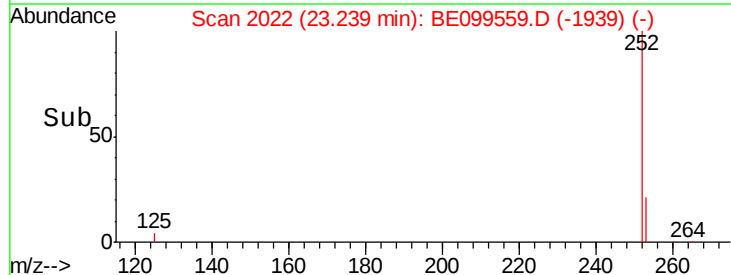
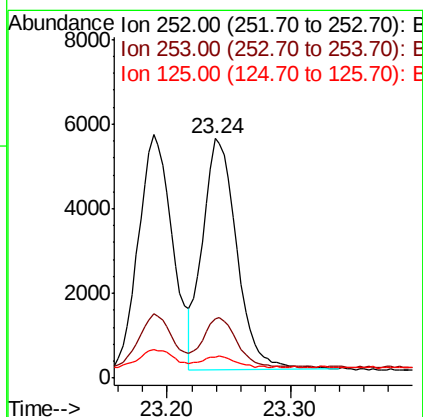
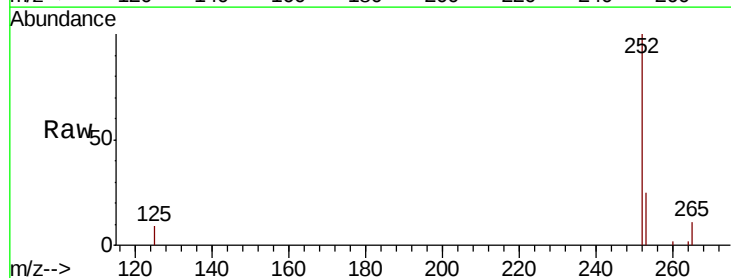
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

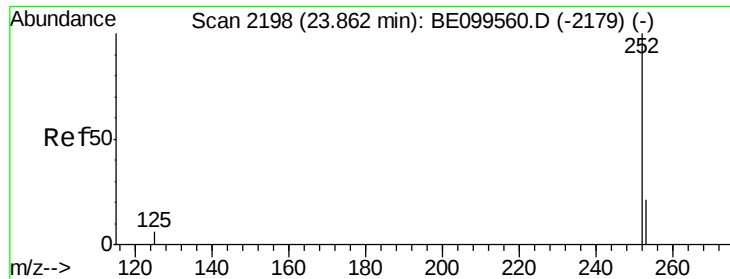
Tot Ion:252 Resp: 10819
Ion Ratio Lower Upper
252 100
253 26.5 19.0 28.4
125 11.5 5.8 8.6#



#36
Benzo(k)fluoranthene
Concen: 0.191 ng
RT: 23.24 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:252 Resp: 10576
Ion Ratio Lower Upper
252 100
253 24.9 19.1 28.7
125 8.7 5.8 8.6#





#37

Benzo(a)pyrene

Concen: 0.194 ng

RT: 23.86 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

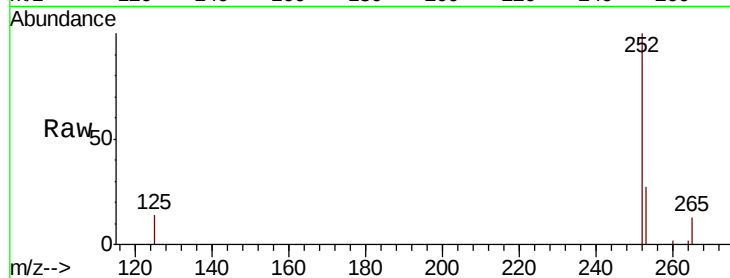
Tot Ion:252 Resp: 10543

Ion Ratio Lower Upper

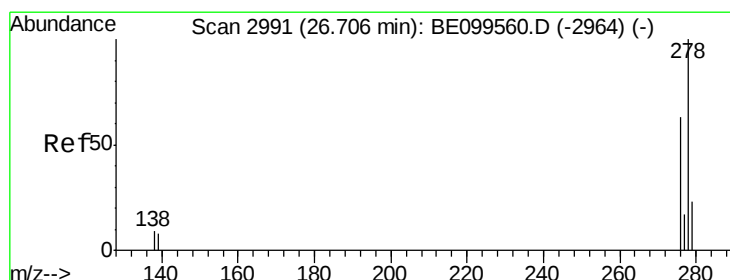
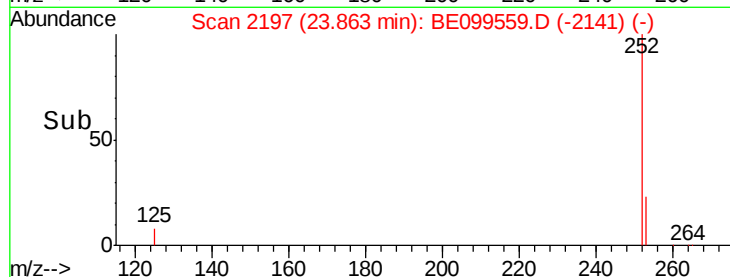
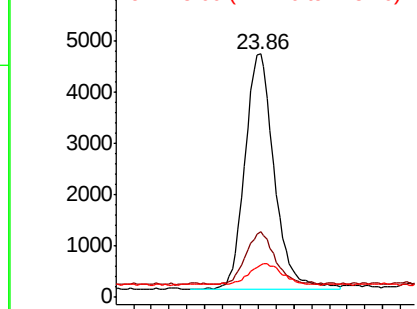
252 100

253 27.2 18.9 28.3

125 13.5 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: 0.194 ng

RT: 26.71 min Scan# 2992

Delta R.T. 0.01 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

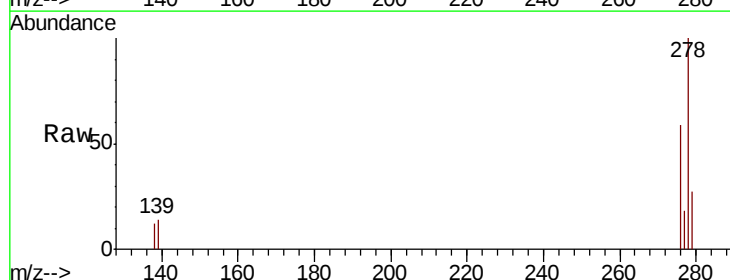
Tgt Ion:278 Resp: 10757

Ion Ratio Lower Upper

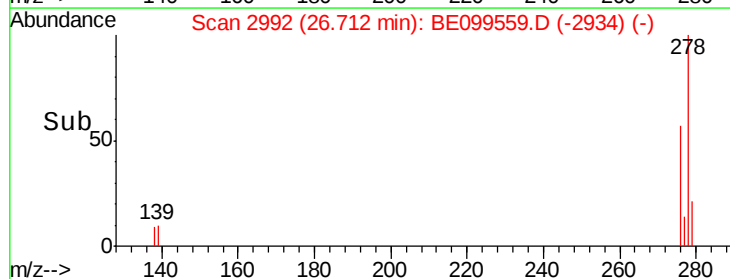
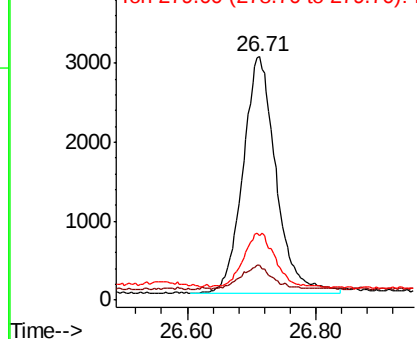
278 100

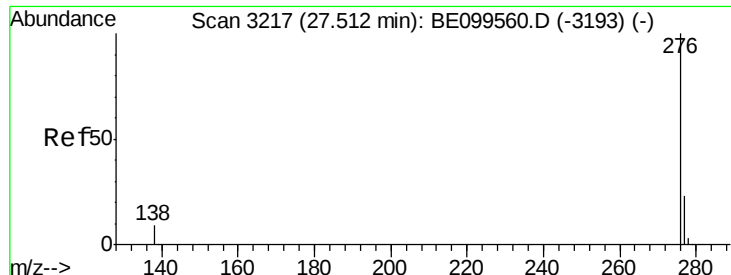
139 14.5 7.7 11.5#

279 26.6 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: 0.192 ng

RT: 27.51 min Scan# 3216

Delta R.T. -0.00 min

Lab File: BE099559.D

Acq: 7 May 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

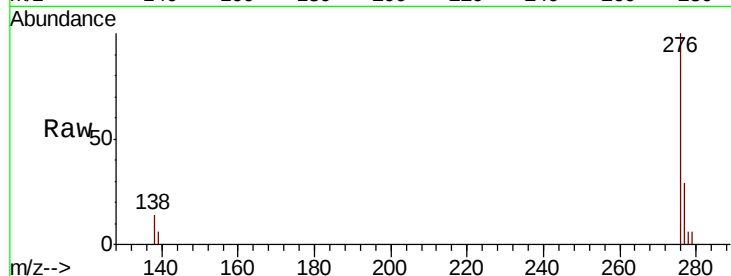
Tot Ion:276 Resp: 10690

Ion Ratio Lower Upper

276 100

277 28.5 19.7 29.5

138 13.6 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

