

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
 Data File : BE099884.D
 Acq On : 10 Jun 2019 9:40
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 11 14:35:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	642	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2377	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1773	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6119	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9532	0.40	ng	0.00
34) Perylene-d12	23.93	264	11254	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	688	0.40	ng	0.00
5) Phenol-d6	6.97	99	864	0.39	ng	0.00
8) Nitrobenzene-d5	8.96	82	917	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1669	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	542	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	2645	0.39	ng	-0.01
25) Fluoranthene-d10	19.25	212	35177	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	7247	0.42	ng	0.00

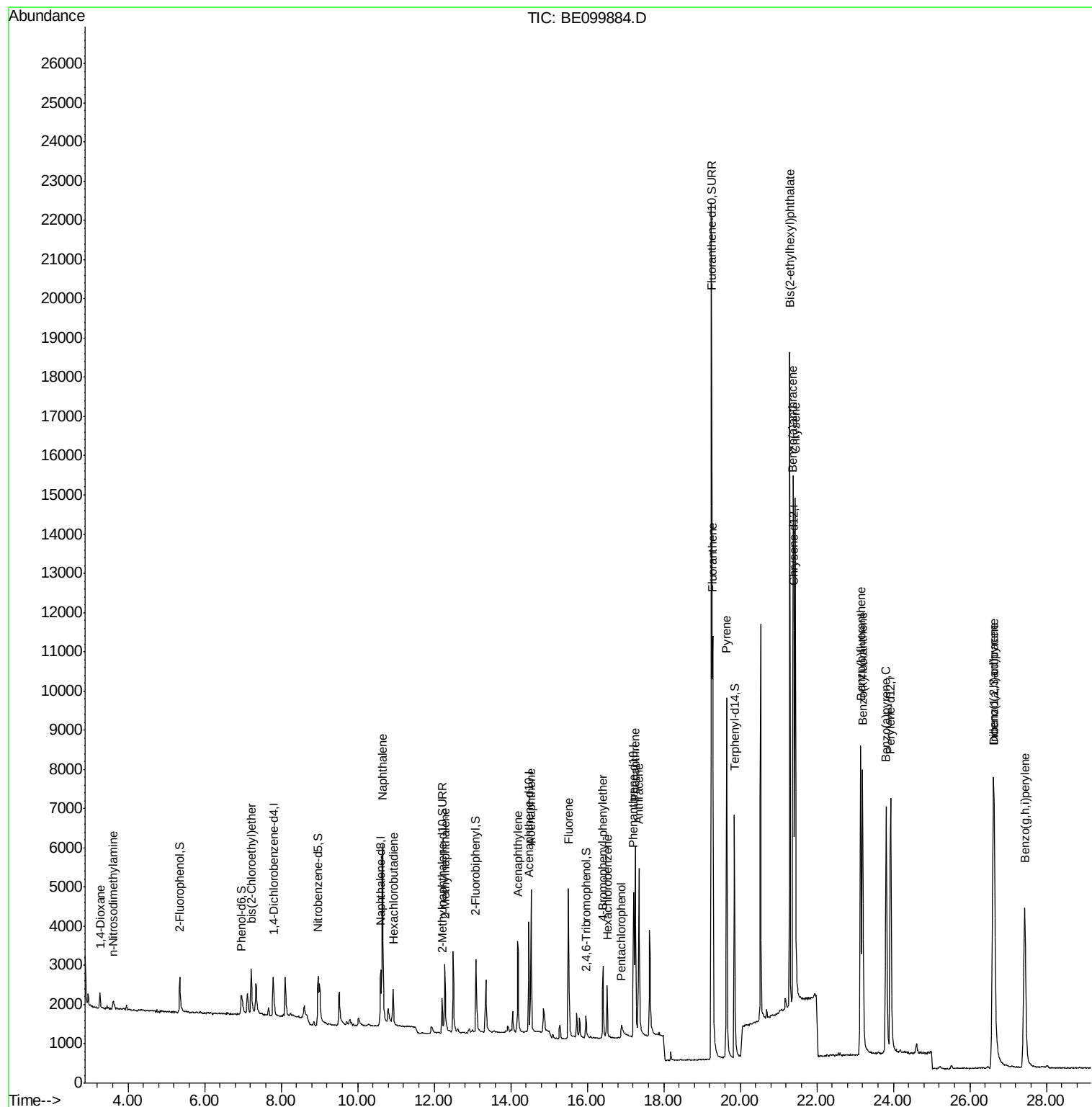
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	351	0.369	ng	98
3) n-Nitrosodimethylamine	3.60	42	231	0.422	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	725	0.398	ng	94
9) Naphthalene	10.65	128	10174	0.397	ng	100
10) Hexachlorobutadiene	10.93	225	769	0.393	ng	100
12) 2-Methylnaphthalene	12.28	142	1626	0.390	ng	99
16) Acenaphthylene	14.18	152	3491	0.396	ng	99
17) Acenaphthene	14.53	154	1836	0.382	ng	98
18) Fluorene	15.51	166	2884	0.400	ng	97
20) 4-Bromophenyl-phenylether	16.41	248	1330	0.384	ng	99
21) Hexachlorobenzene	16.52	284	1333	0.376	ng	98
22) Pentachlorophenol	16.89	266	524	0.607	ng	97
23) Phenanthrene	17.25	178	5725	0.386	ng	99
24) Anthracene	17.35	178	5137	0.377	ng	99
26) Fluoranthene	19.28	202	10105	0.400	ng	99
28) Pyrene	19.64	202	10558	0.422	ng	100
30) Benzo(a)anthracene	21.38	228	12699	0.446	ng	99
31) Chrysene	21.44	228	12600	0.428	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	17483	0.428	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	15054	0.431	ng	# 93
35) Benzo(b)fluoranthene	23.14	252	12250	0.388	ng	99
36) Benzo(k)fluoranthene	23.20	252	13038	0.395	ng	100
37) Benzo(a)pyrene	23.81	252	12181	0.392	ng	# 98
38) Dibenzo(a,h)anthracene	26.64	278	12045	0.385	ng	99
39) Benzo(g,h,i)perylene	27.44	276	12616	0.390	ng	99

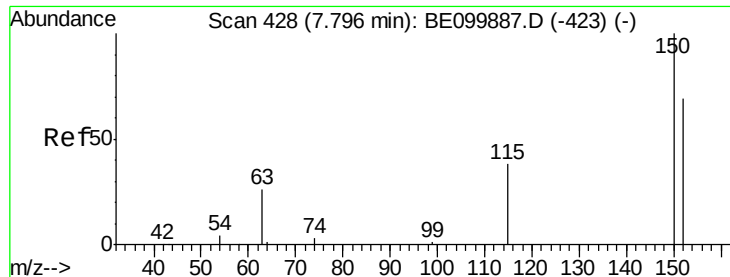
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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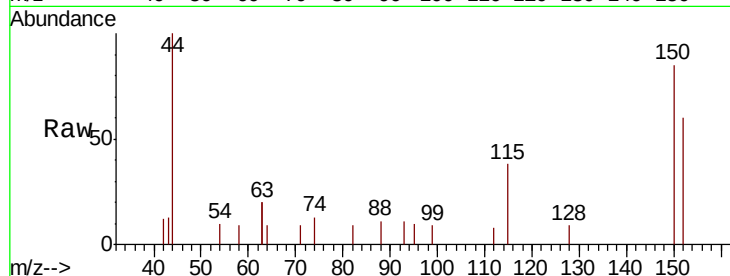


#1

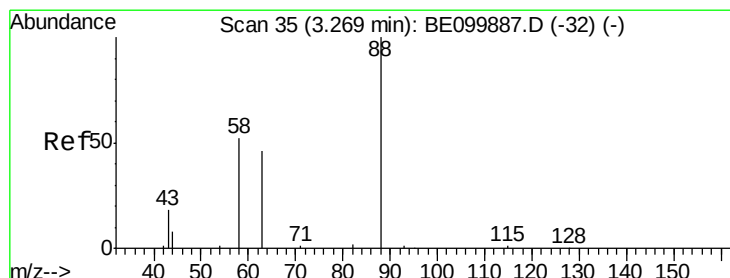
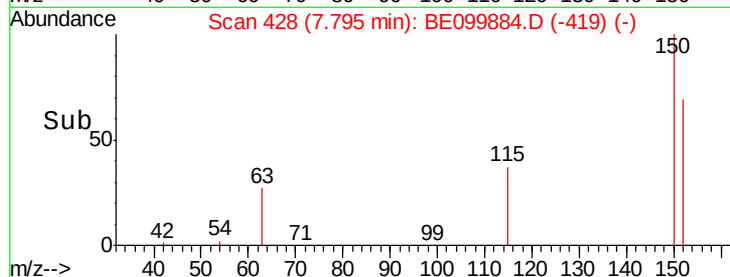
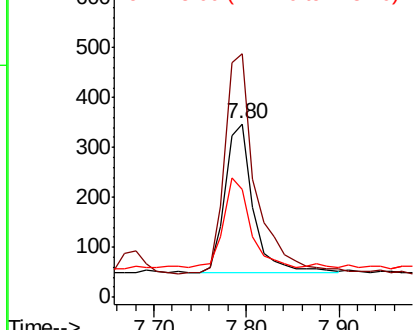
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 642
Ion Ratio Lower Upper
152 100
150 140.6 111.0 166.6
115 62.2 50.7 76.1



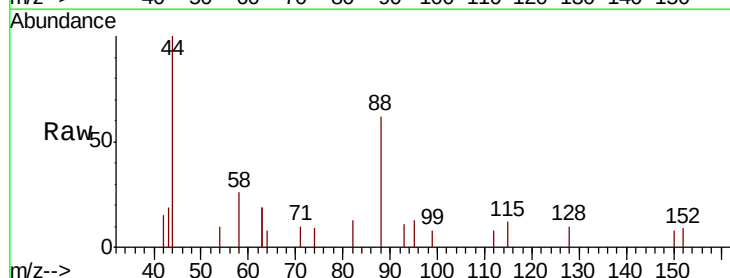
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



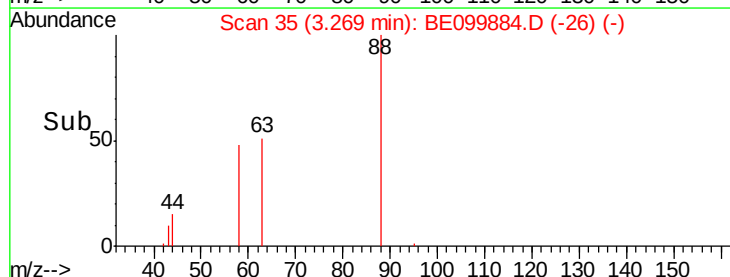
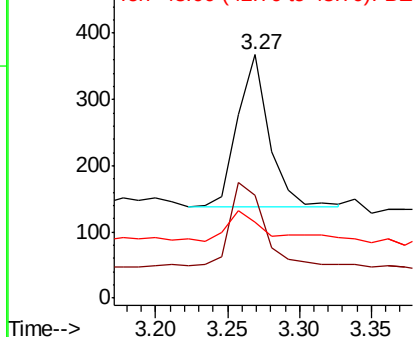
#2

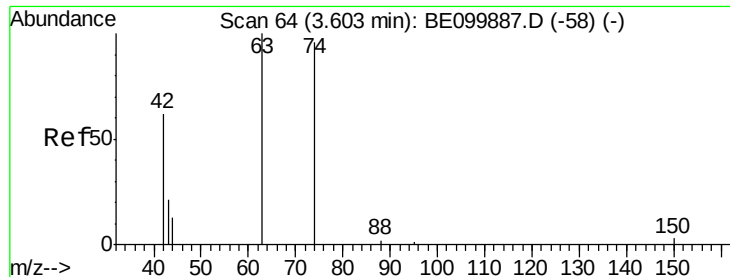
1,4-Dioxane
Concen: 0.369 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion: 88 Resp: 351
Ion Ratio Lower Upper
88 100
58 61.5 48.8 73.2
43 25.6 19.0 28.6



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





#3

n-Nitrosodimethylamine

Concen: 0.422 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

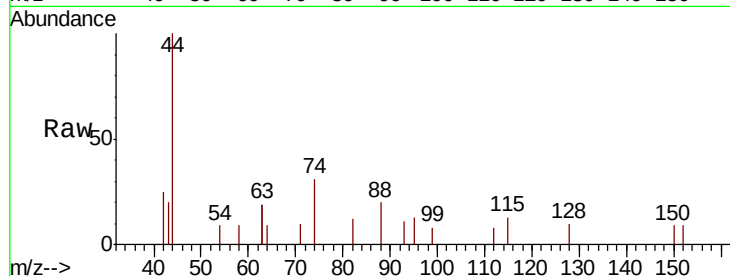
Tot Ion: 42 Resp: 231

Ion Ratio Lower Upper

42 100

74 157.1 0.0 0.0#

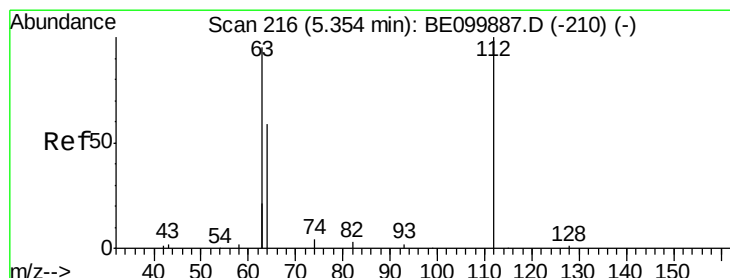
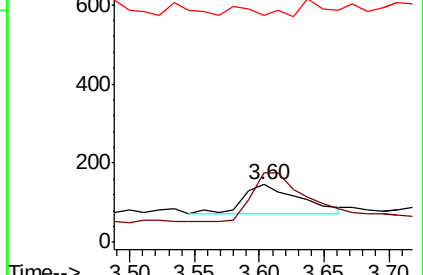
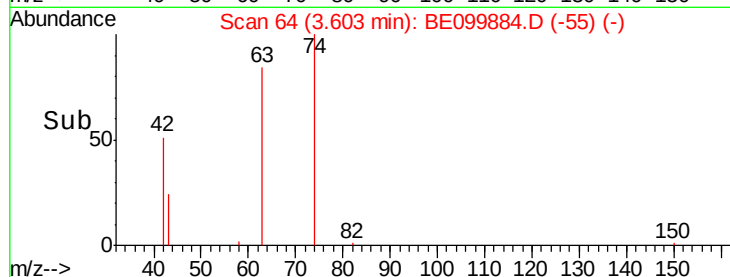
44 0.0 0.0 0.0



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: 0.397 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

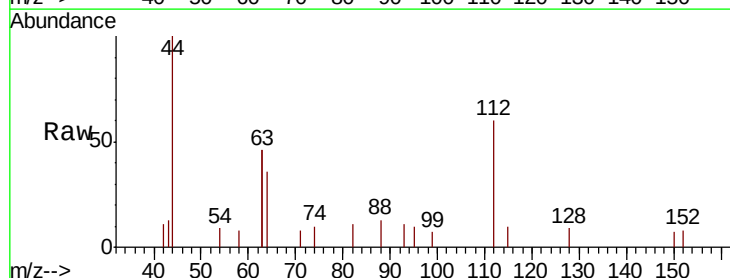
Tgt Ion: 112 Resp: 688

Ion Ratio Lower Upper

112 100

64 57.1 44.1 66.1

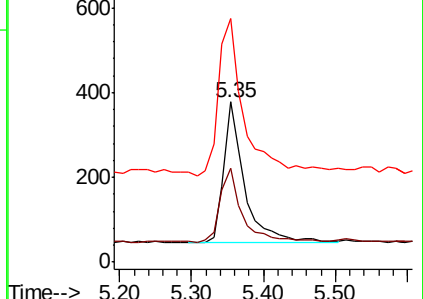
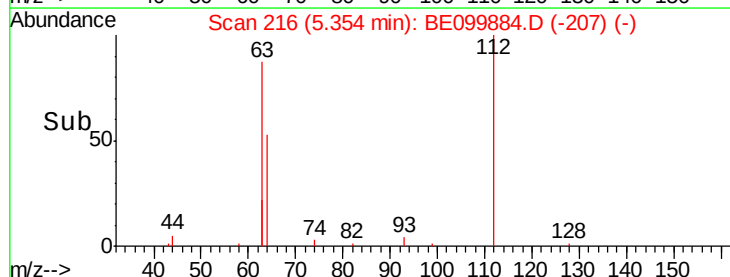
63 137.4 87.8 131.6#

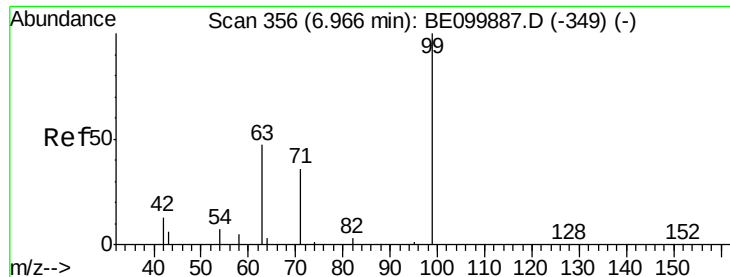


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.387 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

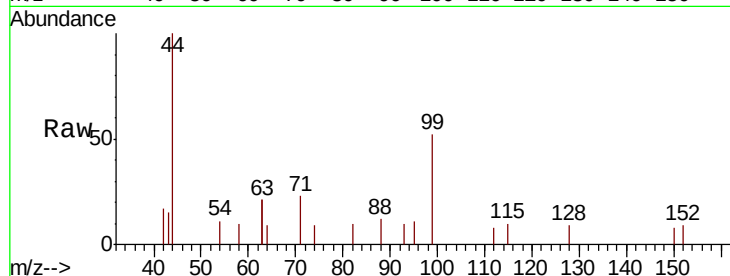
Tot Ion: 99 Resp: 864

Ion Ratio Lower Upper

99 100

42 16.9 15.9 23.9

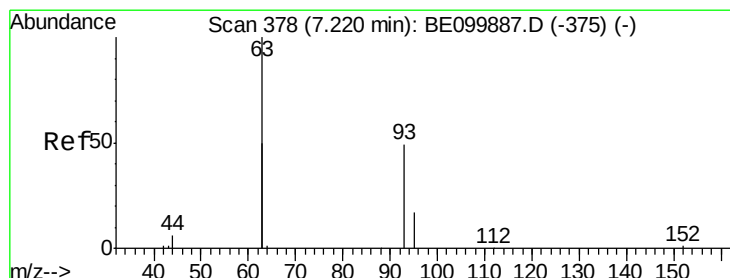
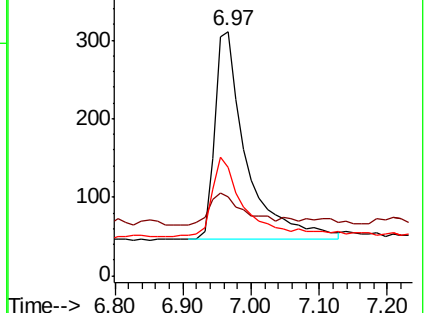
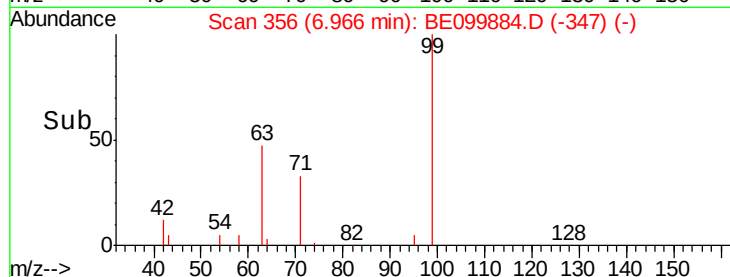
71 40.5 34.6 52.0



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.398 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

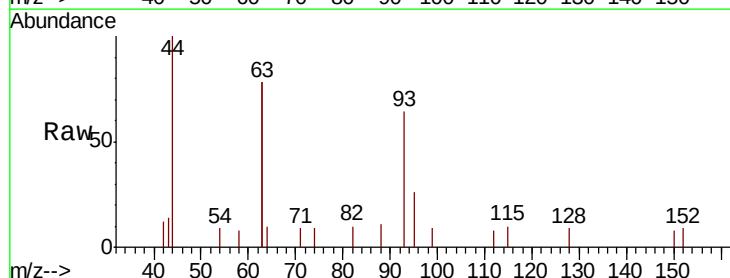
Tgt Ion: 93 Resp: 725

Ion Ratio Lower Upper

93 100

63 243.9 202.8 304.2

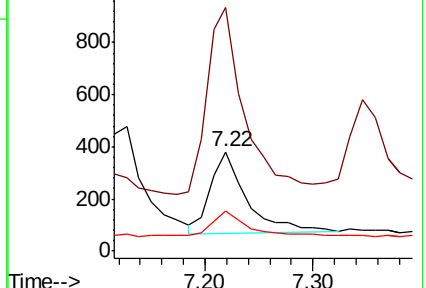
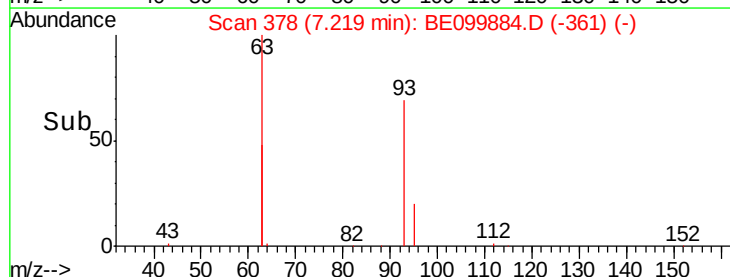
95 33.2 23.7 35.5

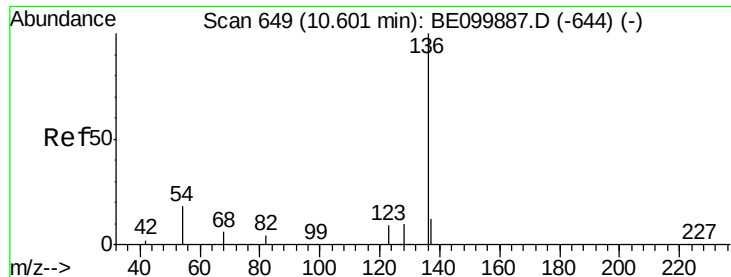


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 2377

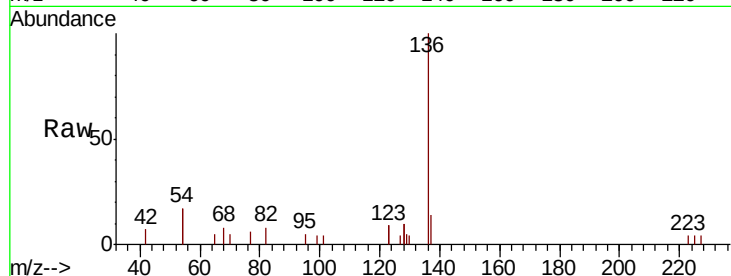
Ion Ratio Lower Upper

136 100

137 14.2 12.3 18.5

54 33.4 28.2 42.4

68 8.5 7.8 11.8

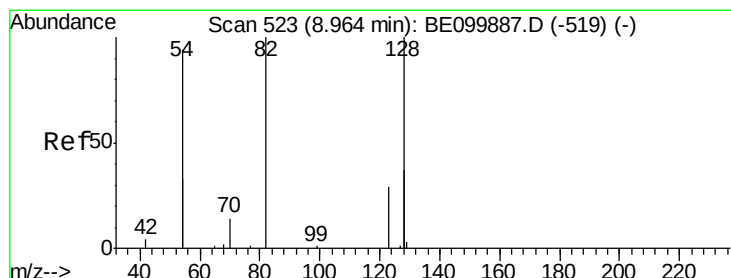
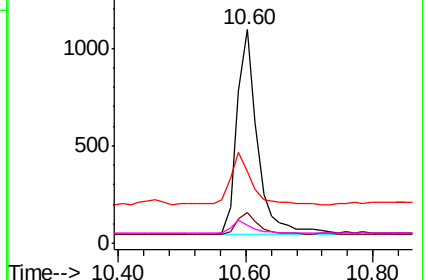
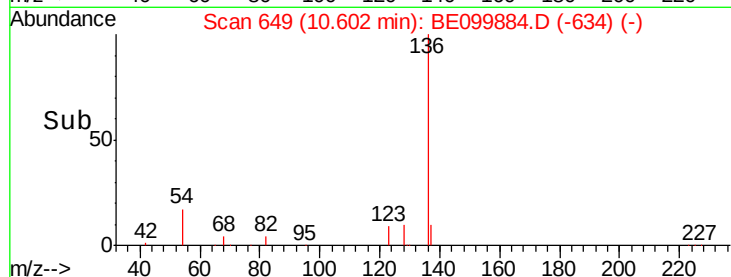


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.407 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

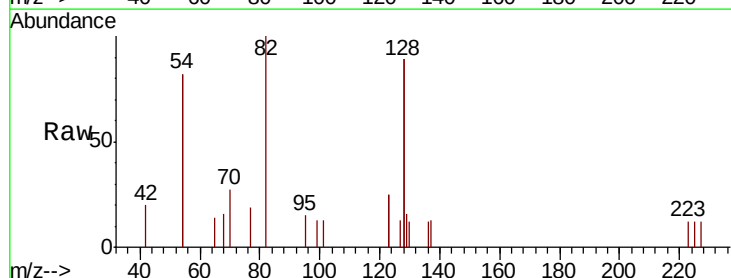
Tgt Ion: 82 Resp: 917

Ion Ratio Lower Upper

82 100

128 178.5 137.3 205.9

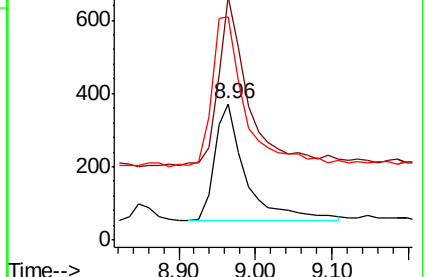
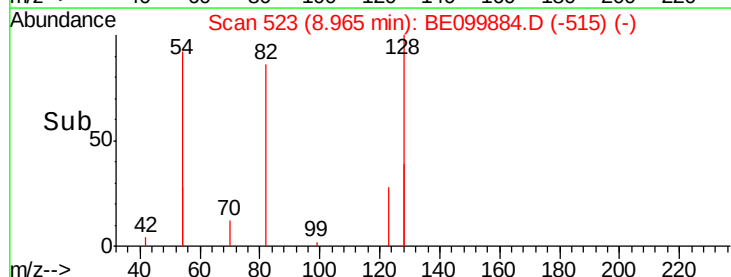
54 163.4 129.7 194.5

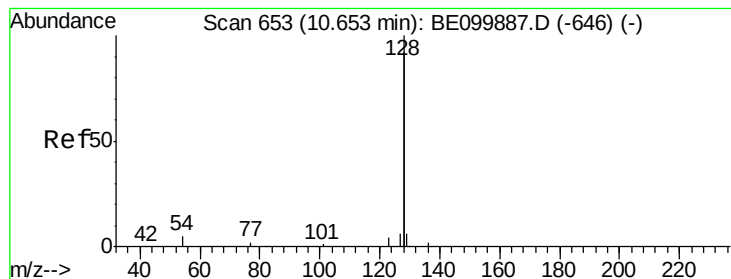


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.397 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

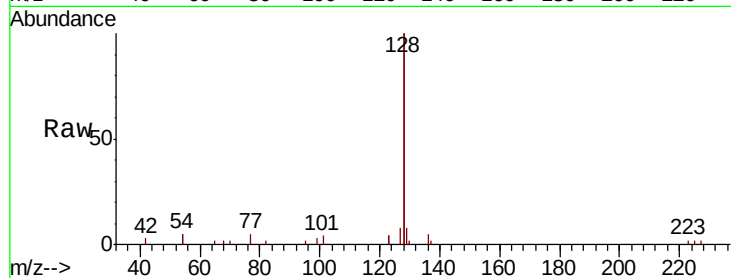
Tot Ion:128 Resp: 10174

Ion Ratio Lower Upper

128 100

129 3.8 3.0 4.6

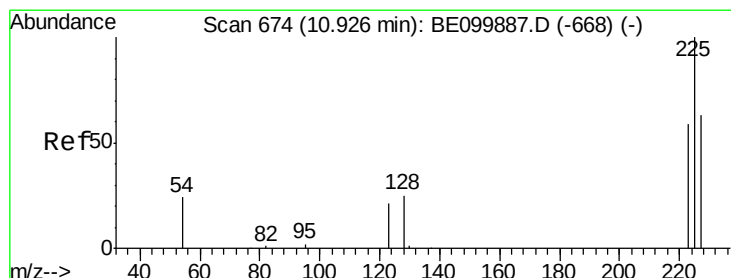
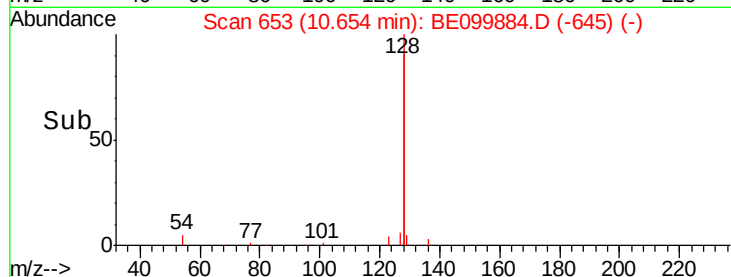
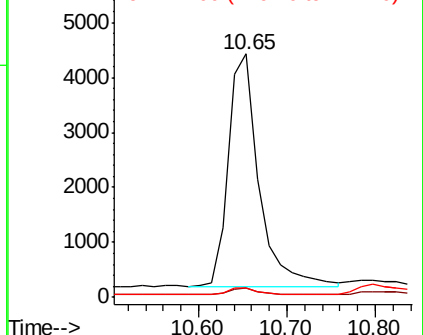
127 4.0 3.4 5.0



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: 0.393 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

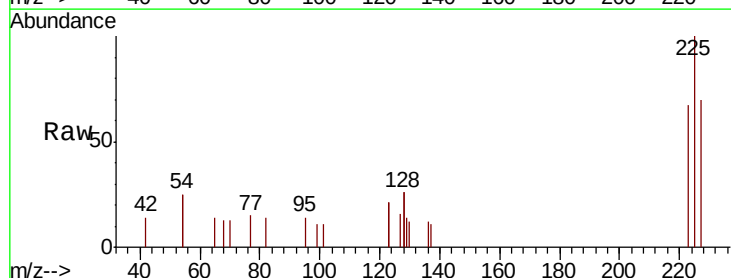
Tgt Ion:225 Resp: 769

Ion Ratio Lower Upper

225 100

223 65.0 51.6 77.4

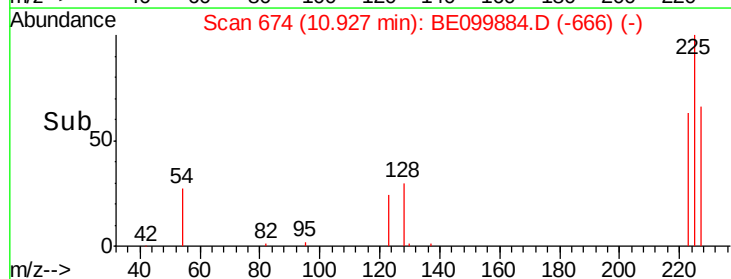
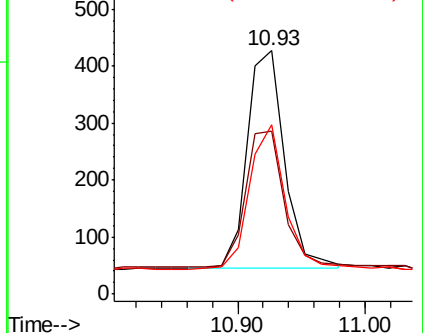
227 63.5 50.6 76.0

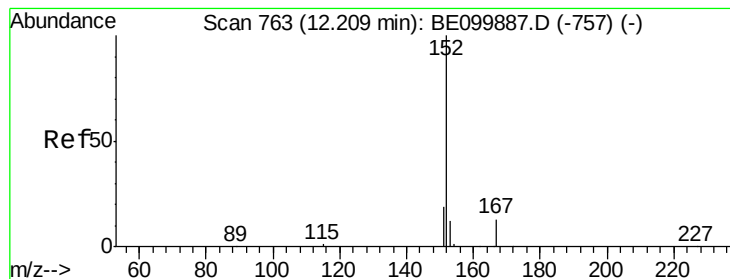


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.403 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

Instrument :

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ClientSampleId :

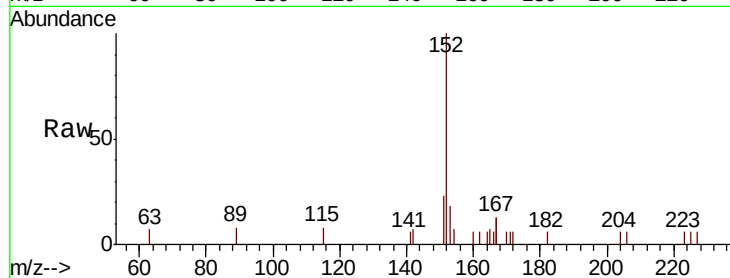
SSTDCCC0.4

Tot Ion:152 Resp: 1669

Ion Ratio Lower Upper

152 100

151 17.7 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

800

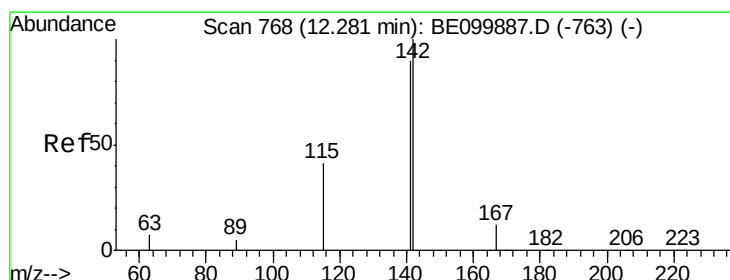
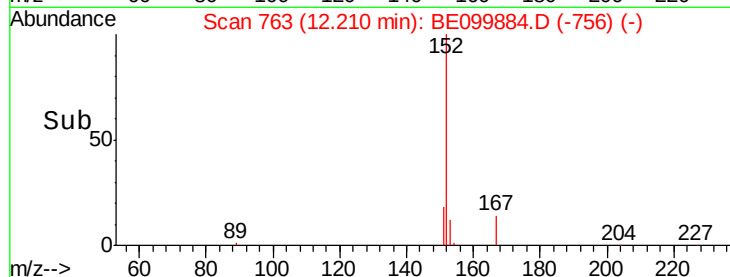
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.390 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

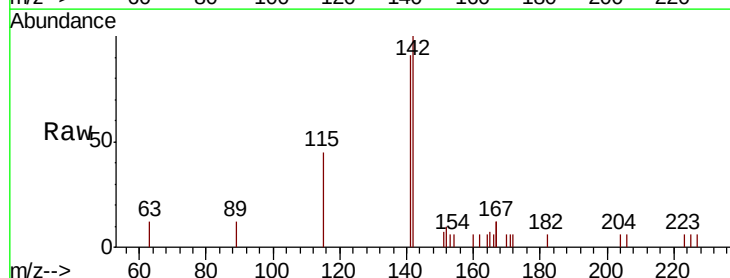
Tgt Ion:142 Resp: 1626

Ion Ratio Lower Upper

142 100

141 91.2 72.3 108.5

115 44.6 36.4 54.6



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

12.28

1000

800

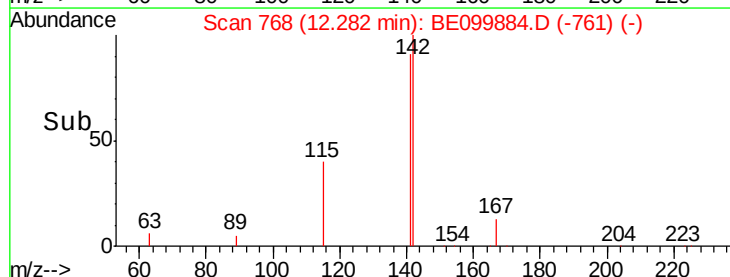
600

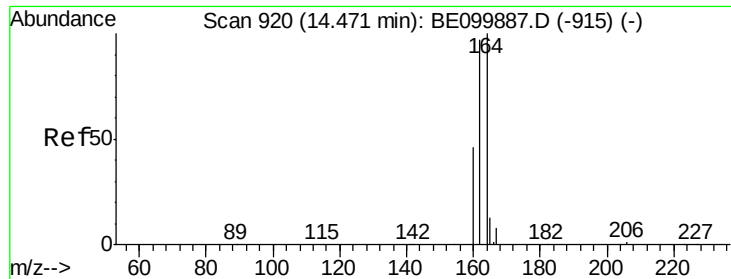
400

200

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

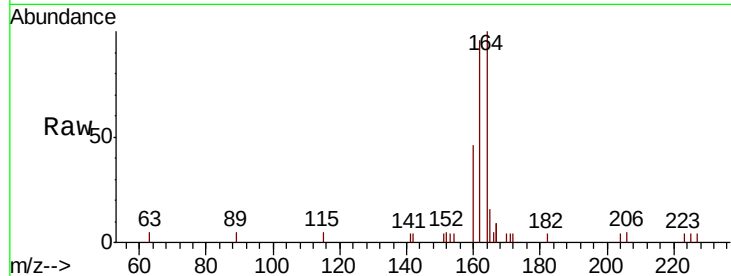
Tot Ion:164 Resp: 1773

Ion Ratio Lower Upper

164 100

162 96.2 77.8 116.8

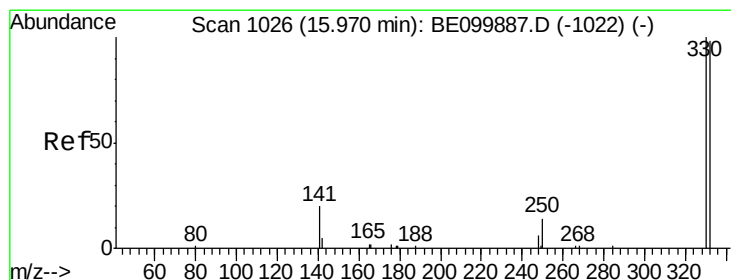
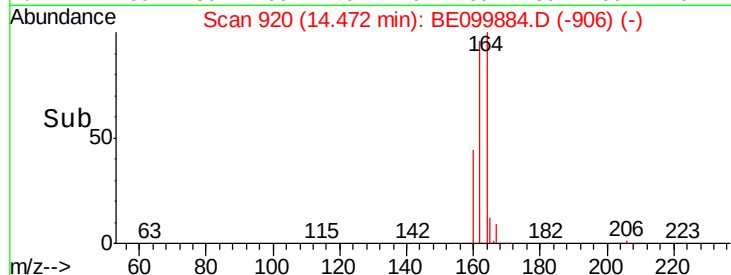
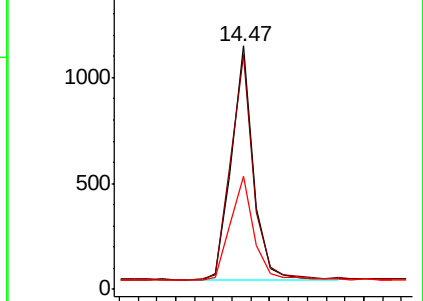
160 46.5 38.2 57.4



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: 0.414 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

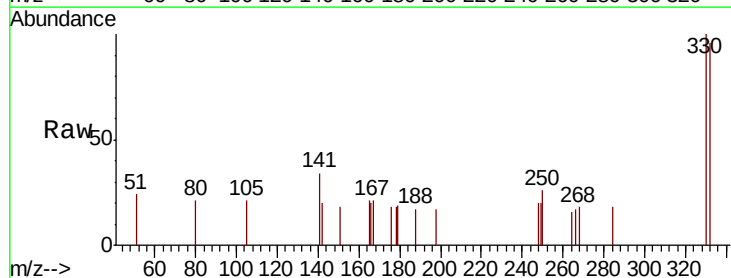
Tgt Ion:330 Resp: 542

Ion Ratio Lower Upper

330 100

332 94.5 76.7 115.1

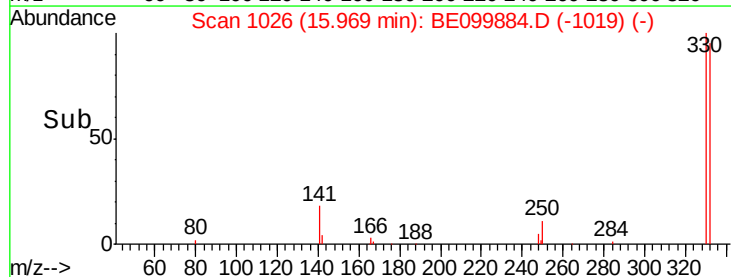
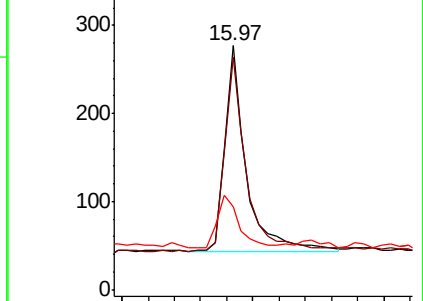
141 24.7 21.0 31.6

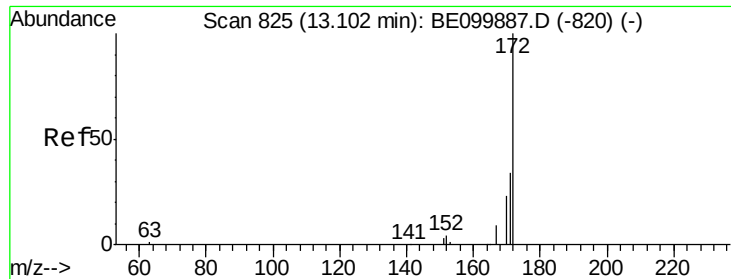


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

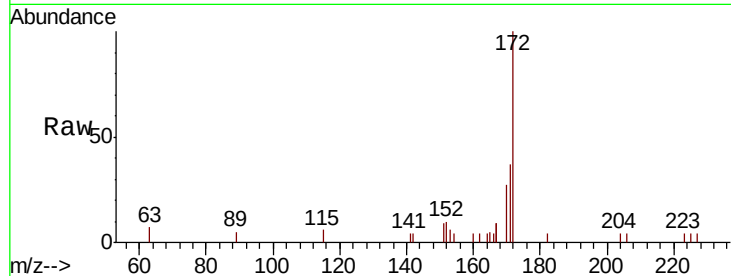




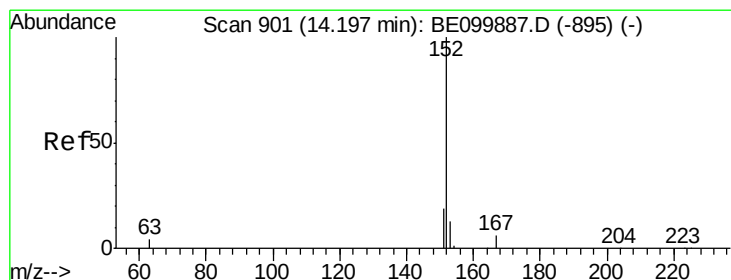
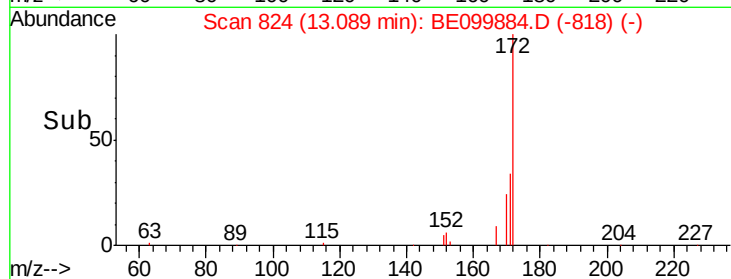
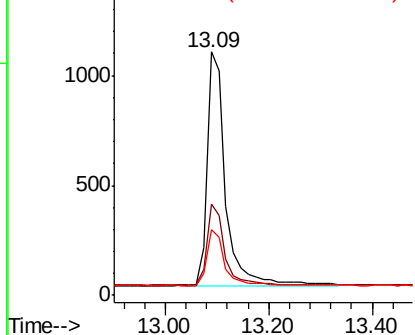
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 2645
Ion Ratio Lower Upper
172 100
171 37.4 29.2 43.8
170 27.0 21.2 31.8

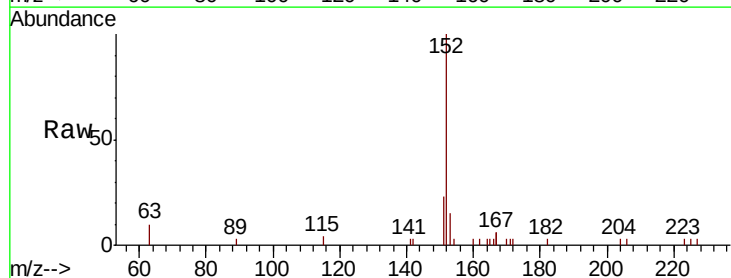


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

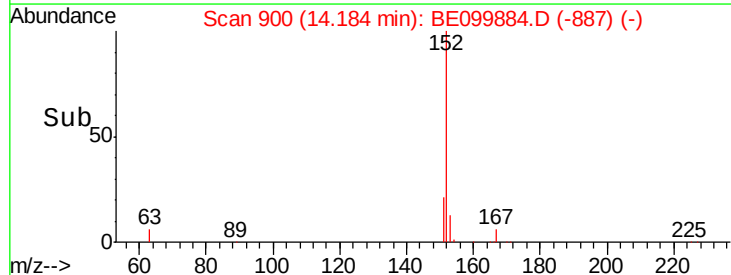
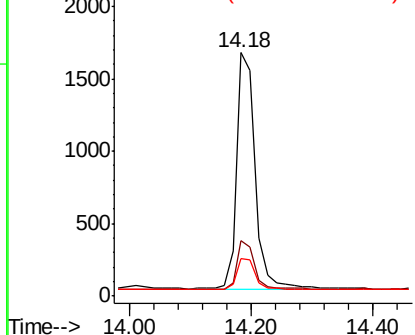


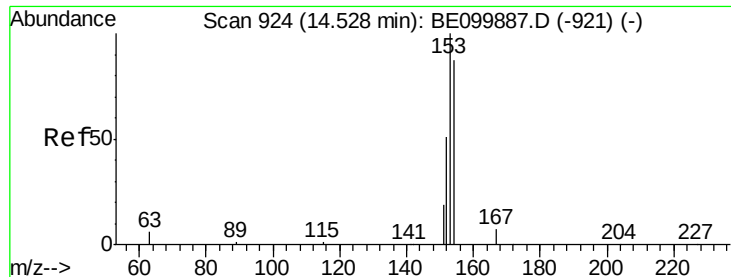
#16
Acenaphthylene
Concen: 0.396 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:152 Resp: 3491
Ion Ratio Lower Upper
152 100
151 20.0 15.5 23.3
153 13.3 10.2 15.2



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

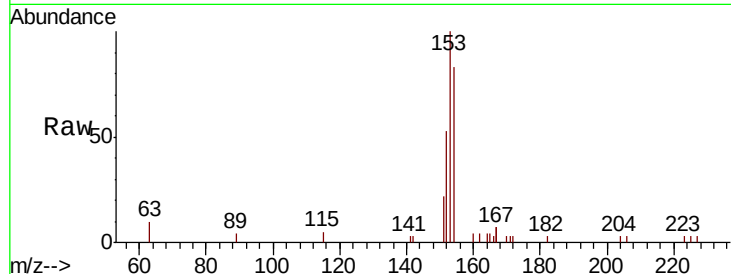




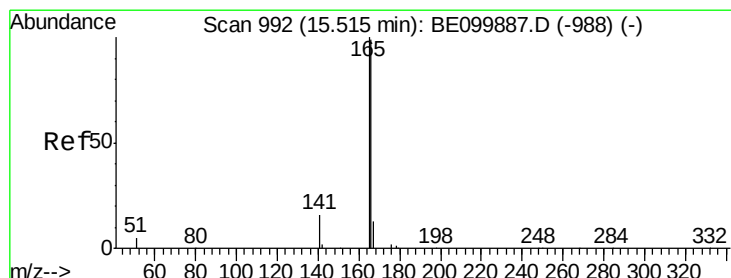
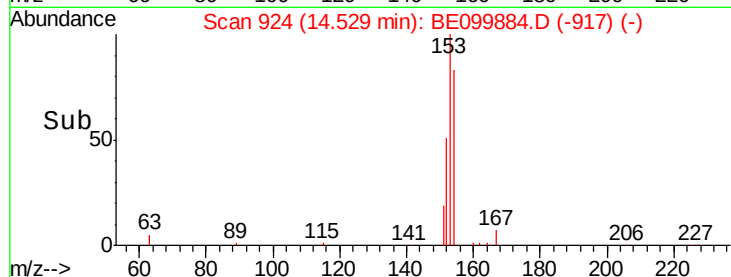
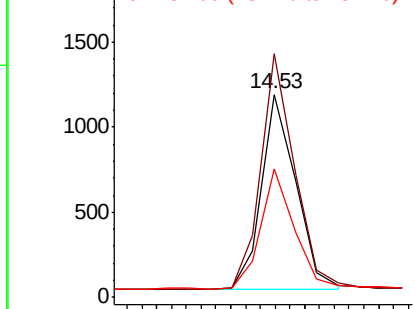
#17
Acenaphthene
Concen: 0.382 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 1836
Ion Ratio Lower Upper
154 100
153 119.2 93.1 139.7
152 59.2 47.0 70.4

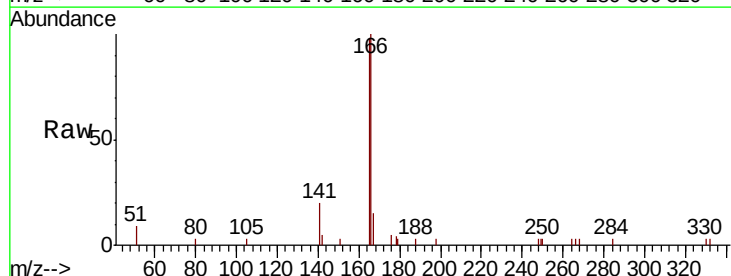


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

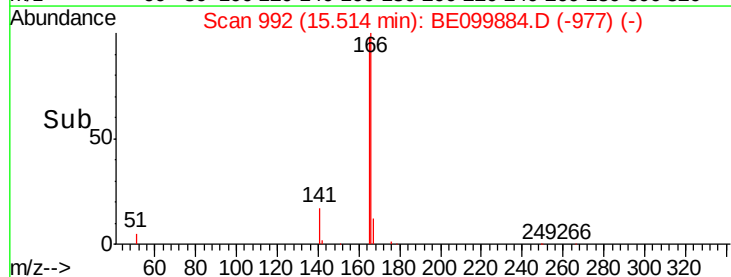
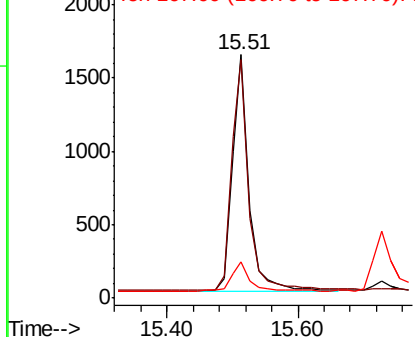


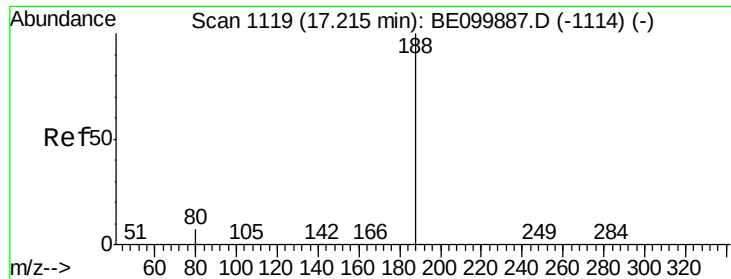
#18
Fluorene
Concen: 0.400 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:166 Resp: 2884
Ion Ratio Lower Upper
166 100
165 99.7 81.8 122.8
167 12.8 11.2 16.8



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

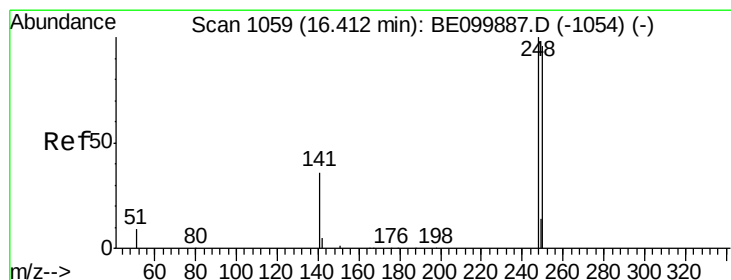
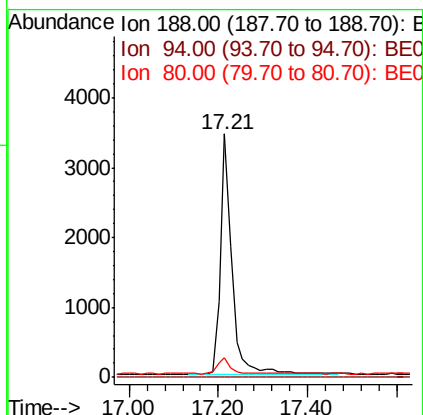
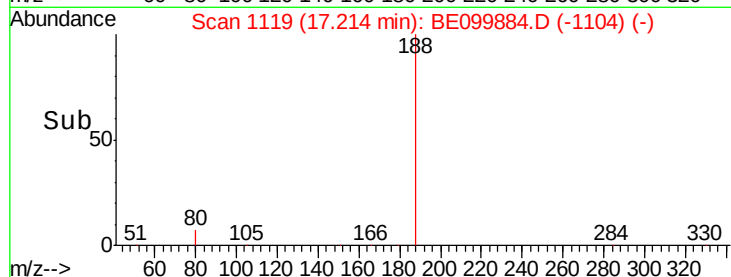
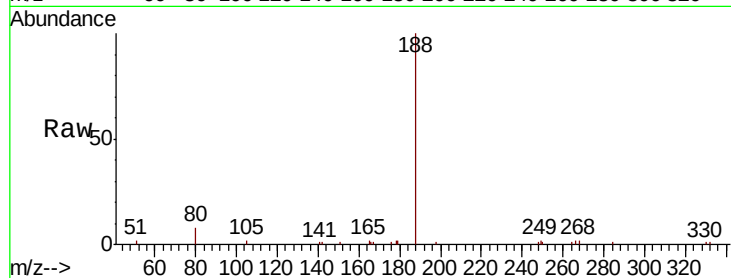
Tot Ion:188 Resp: 6119

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 6.4 9.6



#20

4-Bromophenyl-phenylether

Concen: 0.384 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

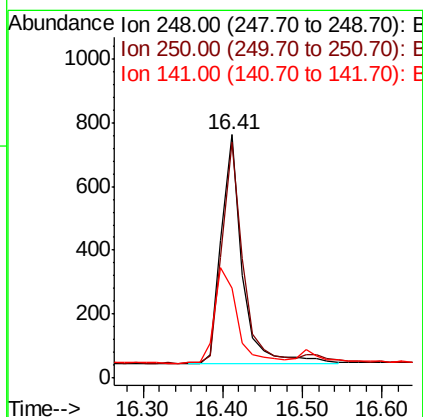
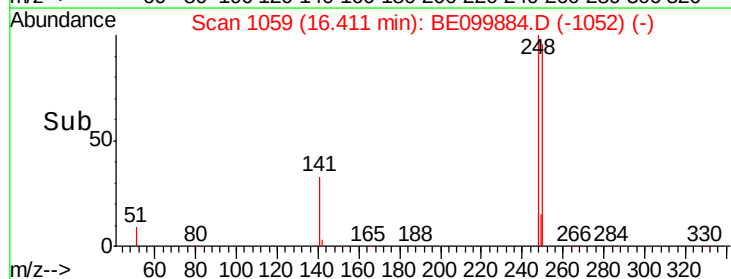
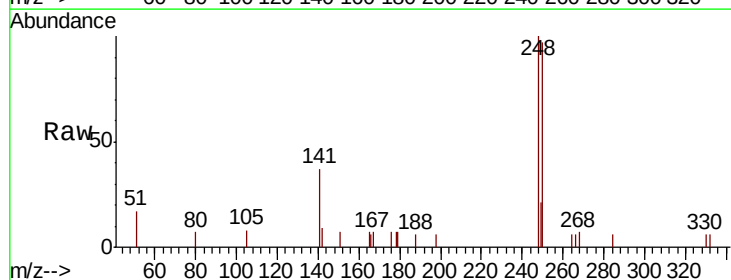
Tgt Ion:248 Resp: 1330

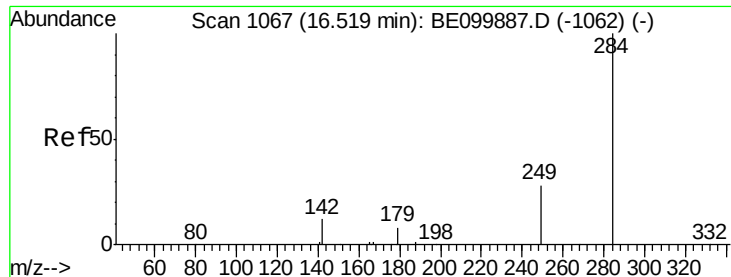
Ion Ratio Lower Upper

248 100

250 96.9 77.5 116.3

141 37.1 31.8 47.8





#21

Hexachlorobenzene

Concen: 0.376 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

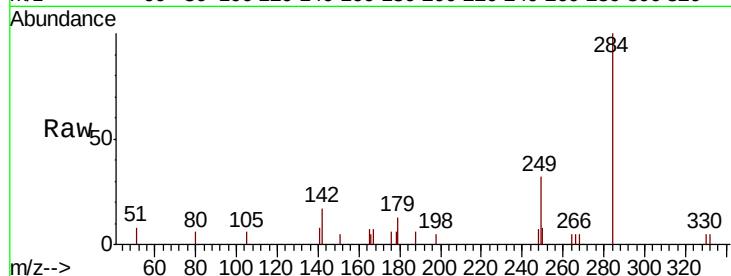
Tot Ion:284 Resp: 1333

Ion Ratio Lower Upper

284 100

142 22.2 18.2 27.4

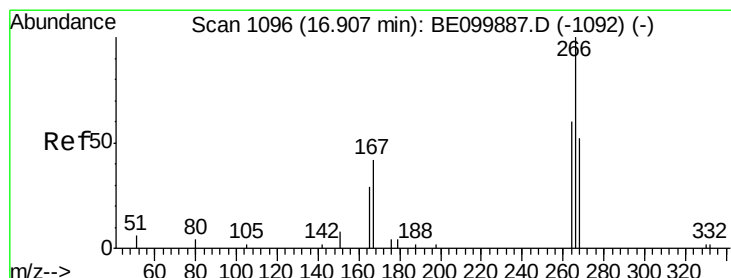
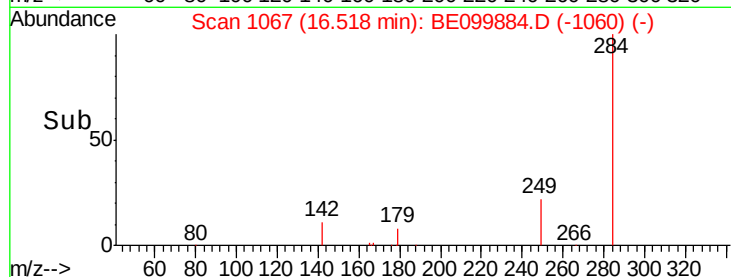
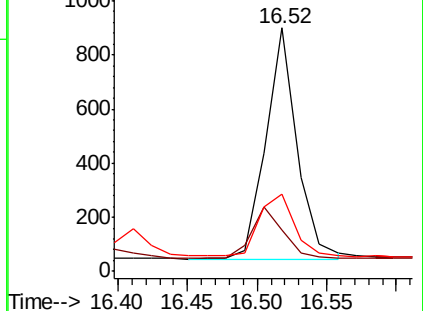
249 29.4 24.6 37.0



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: 0.607 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

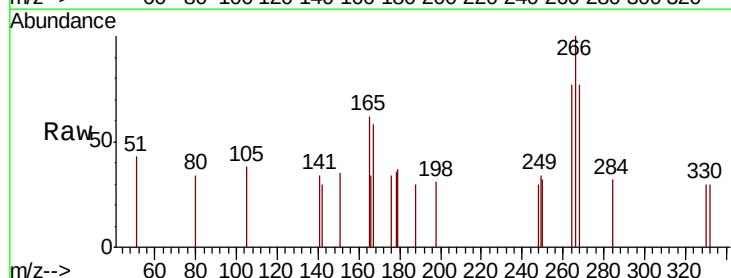
Tgt Ion:266 Resp: 524

Ion Ratio Lower Upper

266 100

264 76.8 62.2 93.2

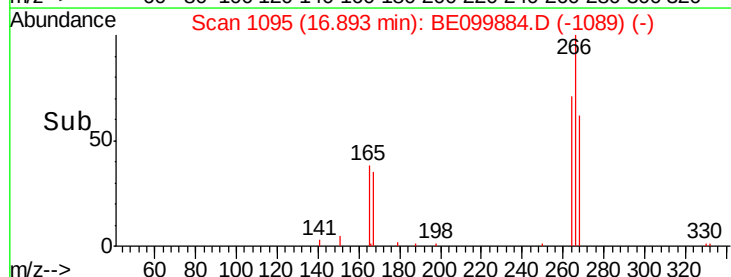
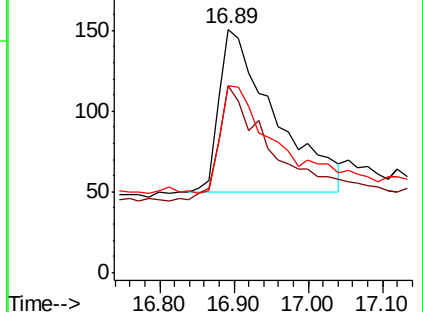
268 76.8 65.5 98.3

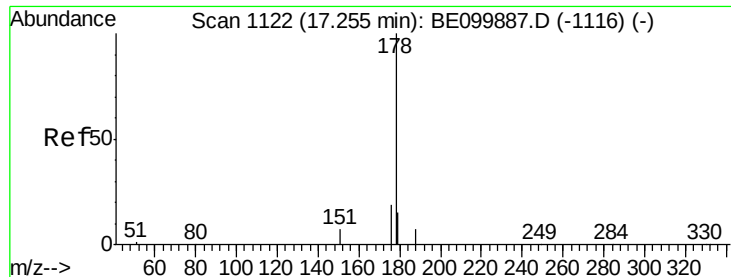


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.386 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

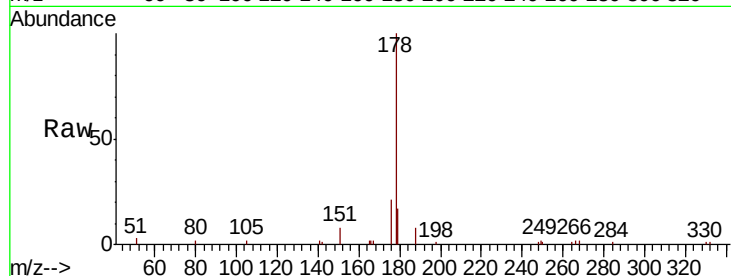
Tot Ion:178 Resp: 5725

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

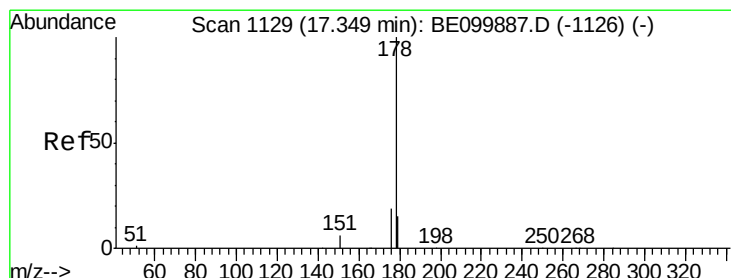
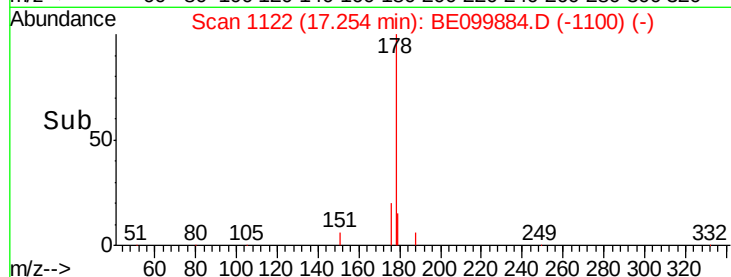
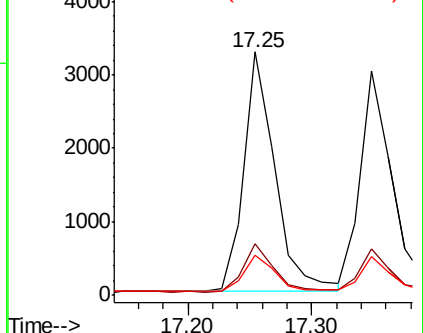
179 15.6 12.4 18.6



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: 0.377 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

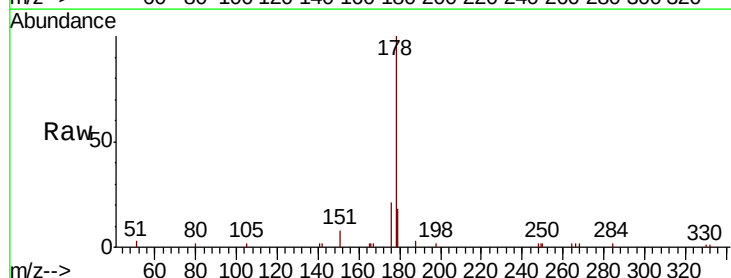
Tgt Ion:178 Resp: 5137

Ion Ratio Lower Upper

178 100

176 18.7 14.6 22.0

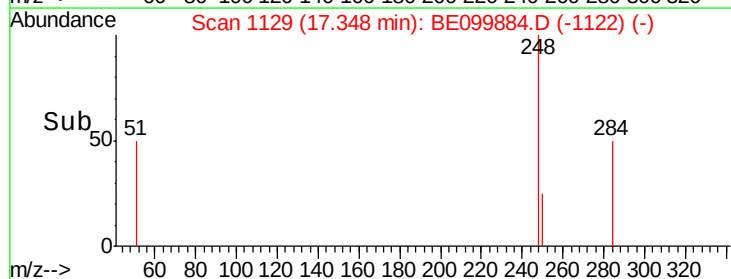
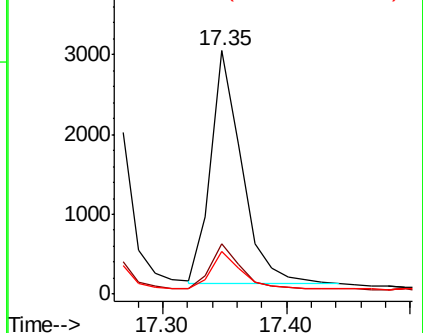
179 16.0 12.3 18.5

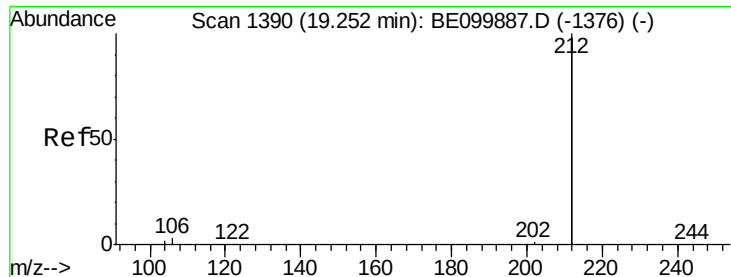


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.395 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

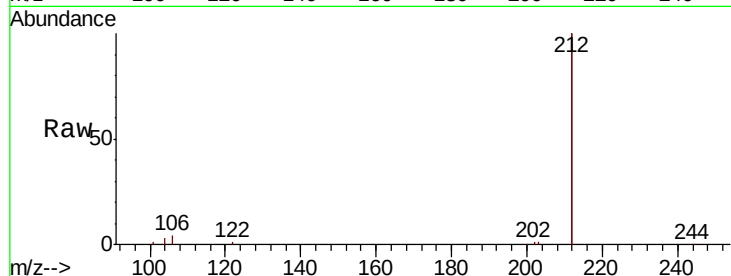
Tot Ion:212 Resp: 35177

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

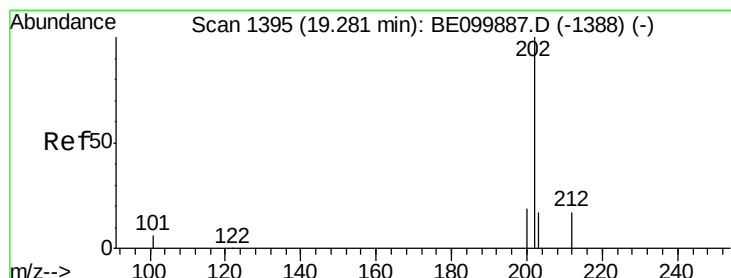
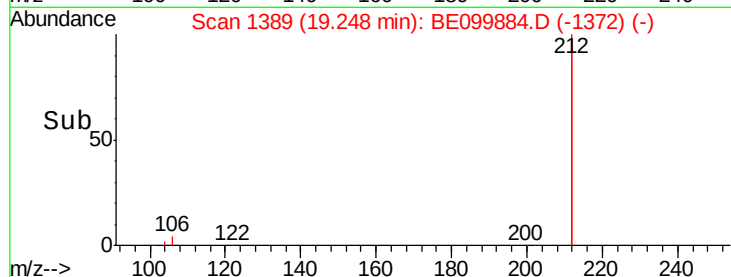
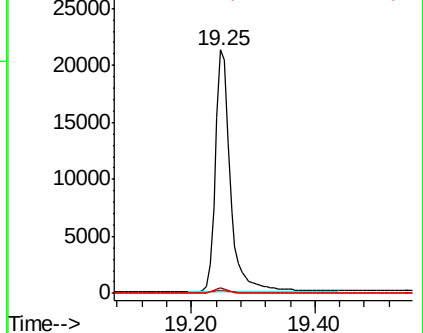
104 1.1 0.9 1.3



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: 0.400 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

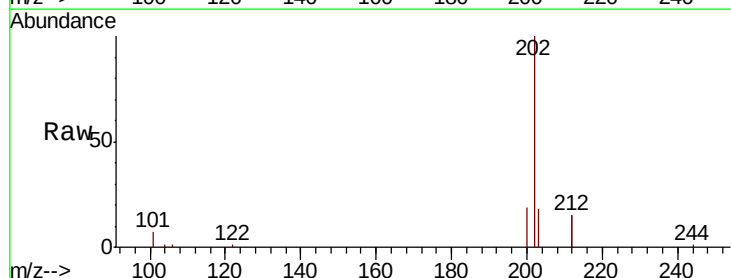
Tgt Ion:202 Resp: 10105

Ion Ratio Lower Upper

202 100

101 6.5 5.4 8.0

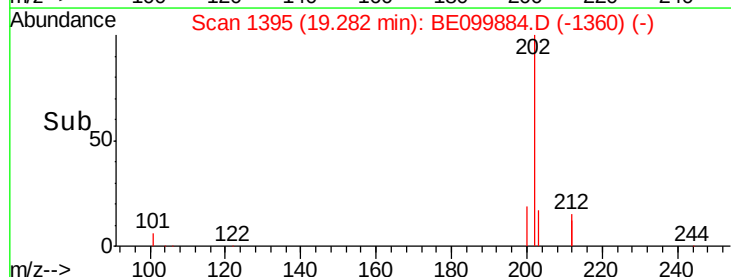
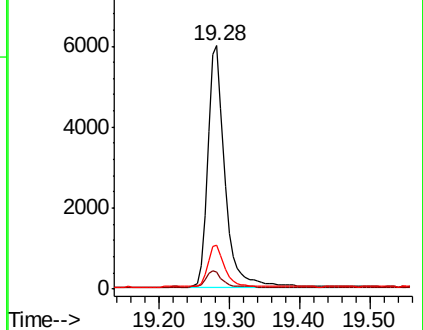
203 17.0 13.2 19.8

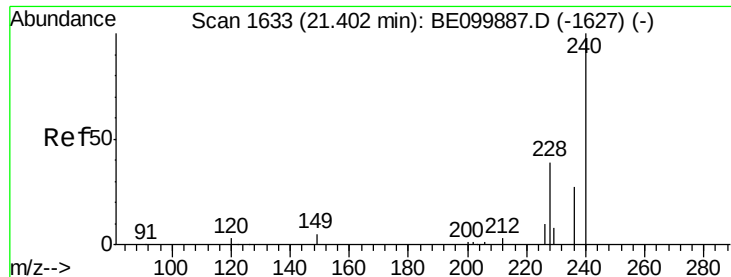


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

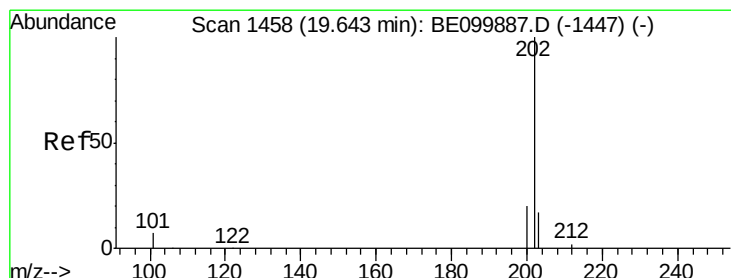
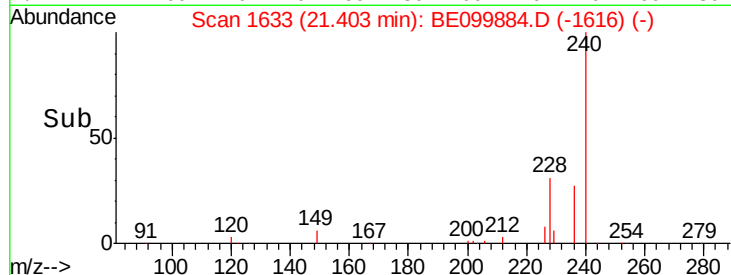
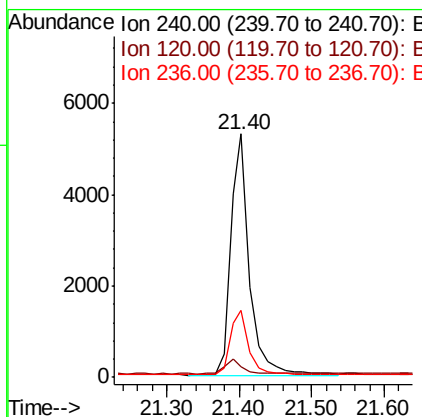
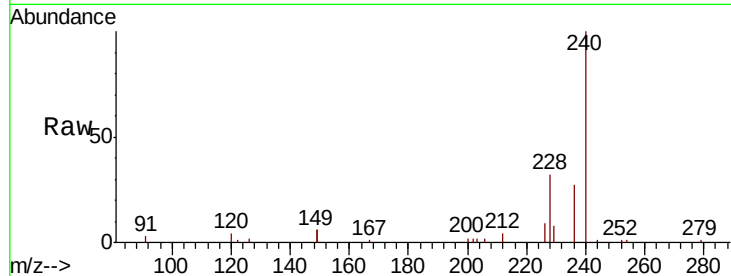




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

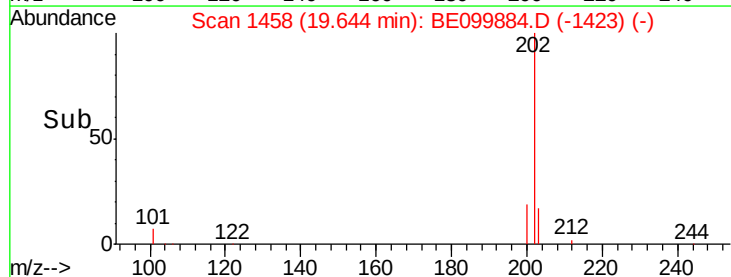
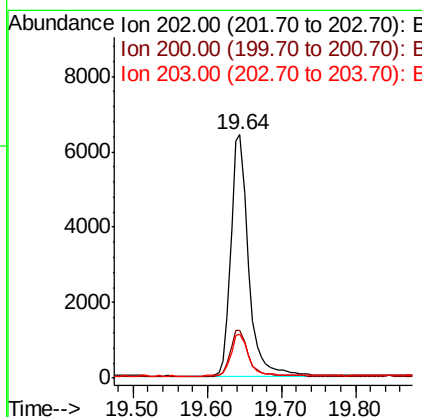
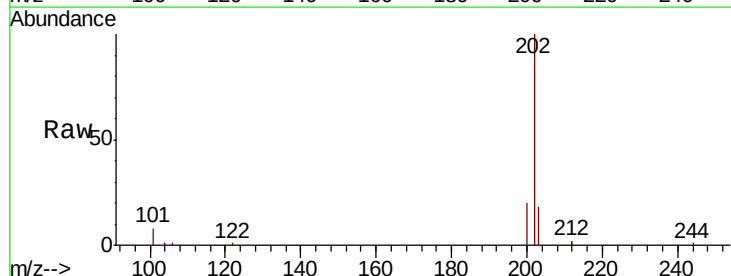
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

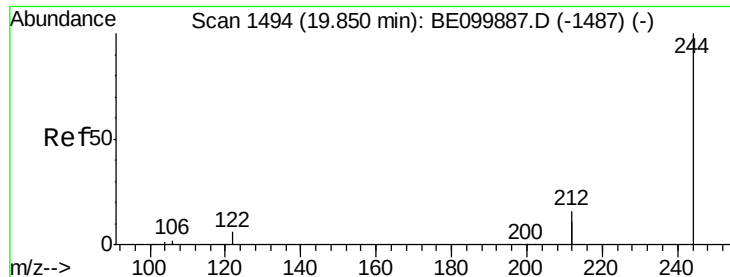
Tot Ion:240 Resp: 9532
Ion Ratio Lower Upper
240 100
120 4.4 3.8 5.6
236 27.3 22.0 33.0



#28
Pyrene
Concen: 0.422 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:202 Resp: 10558
Ion Ratio Lower Upper
202 100
200 19.5 15.5 23.3
203 17.5 14.0 21.0





#29

Terphenyl-d14

Concen: 0.422 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

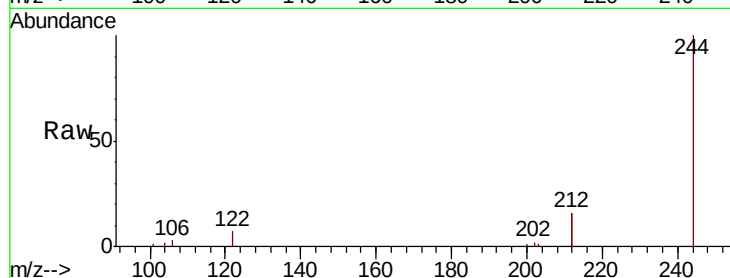
Tot Ion:244 Resp: 7247

Ion Ratio Lower Upper

244 100

212 32.2 25.7 38.5

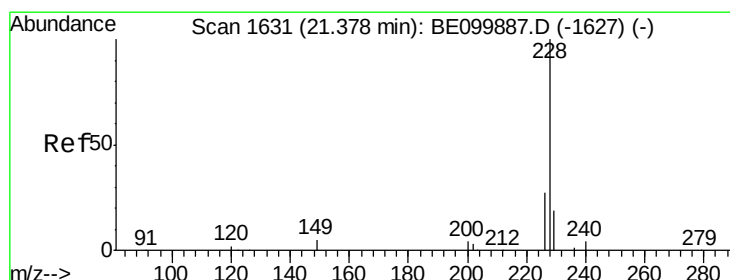
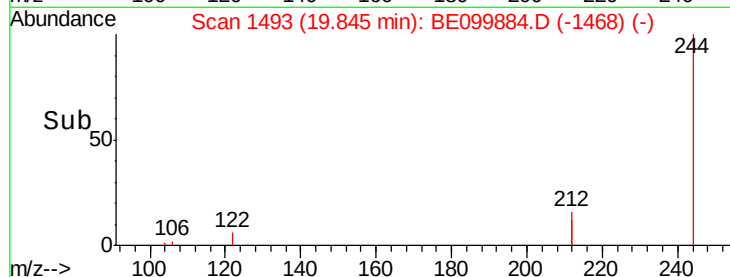
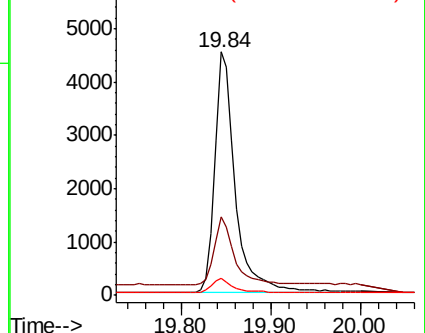
122 7.0 5.5 8.3



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: 0.446 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

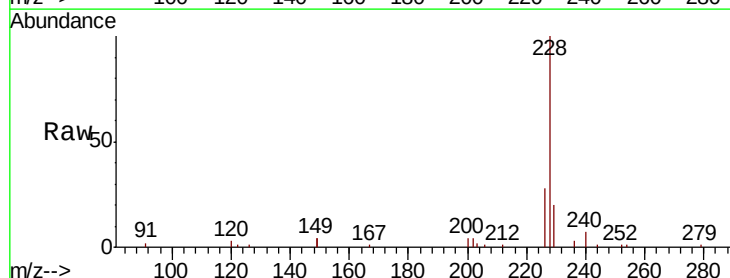
Tgt Ion:228 Resp: 12699

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

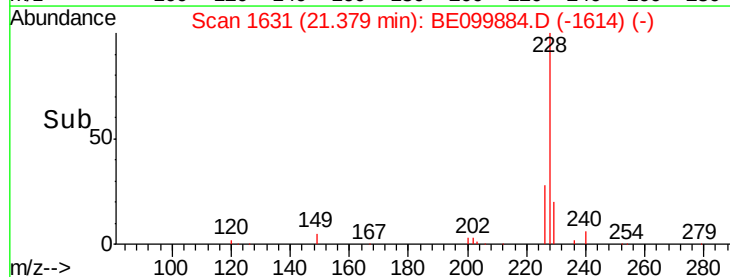
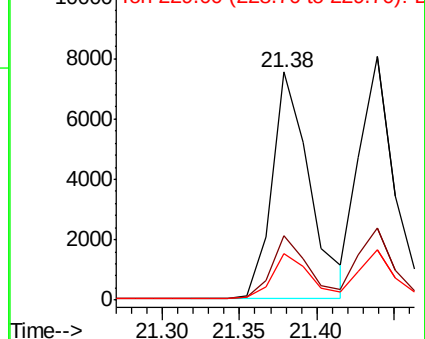
229 20.5 15.9 23.9

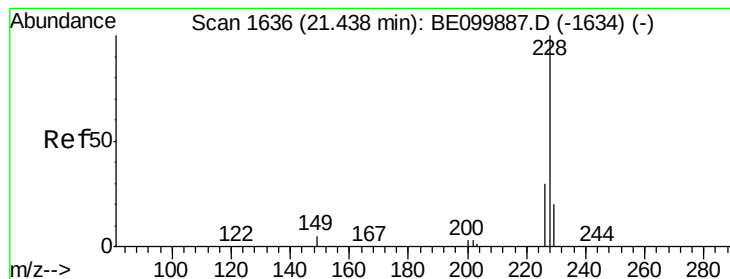


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.428 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

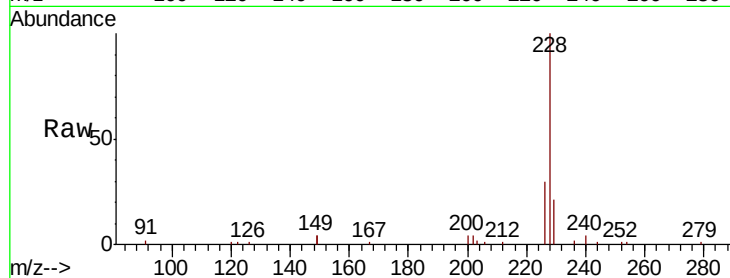
Tot Ion:228 Resp: 12600

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

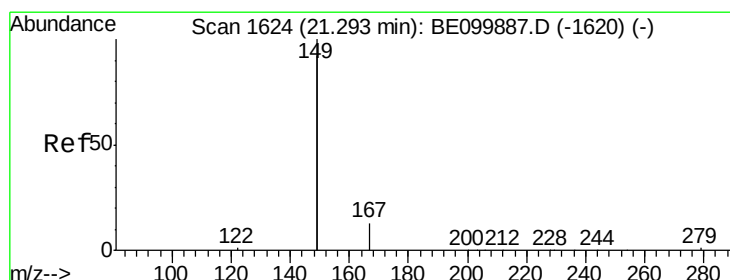
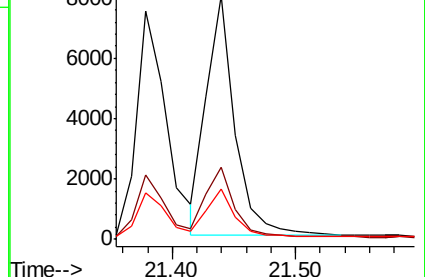
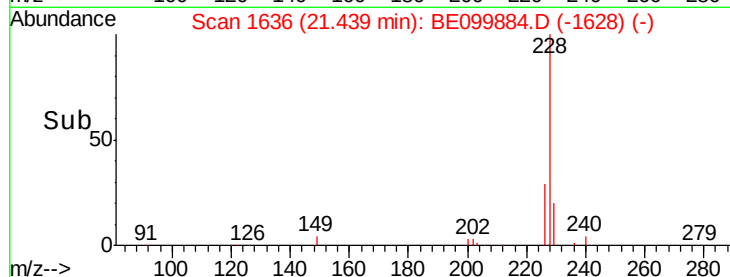
229 20.7 16.1 24.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.428 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

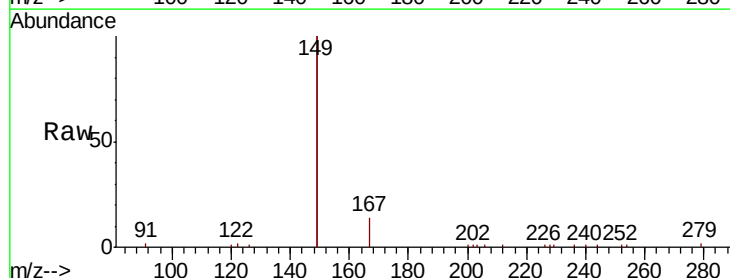
Tgt Ion:149 Resp: 17483

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

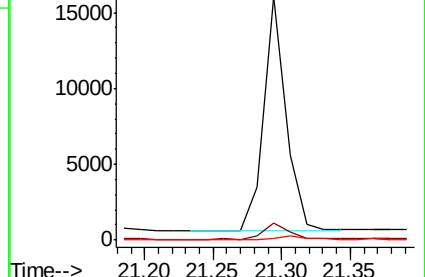
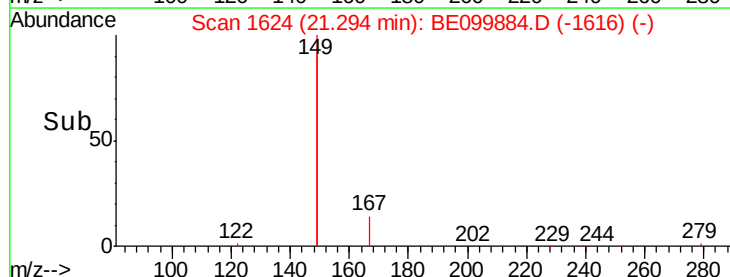
279 1.5 1.2 1.8

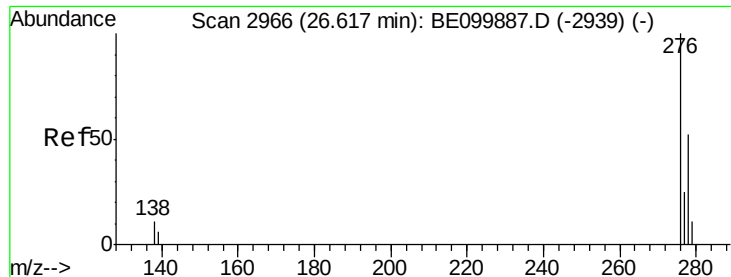


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

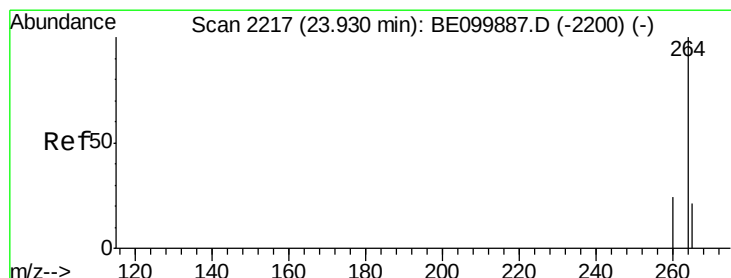
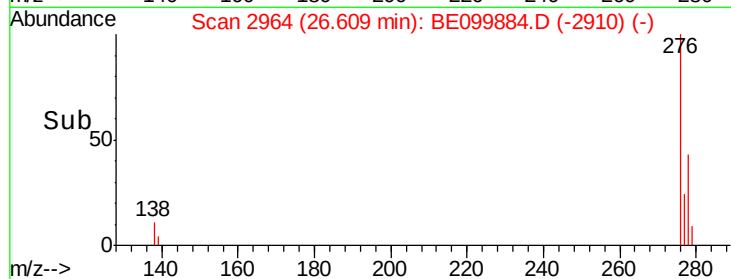
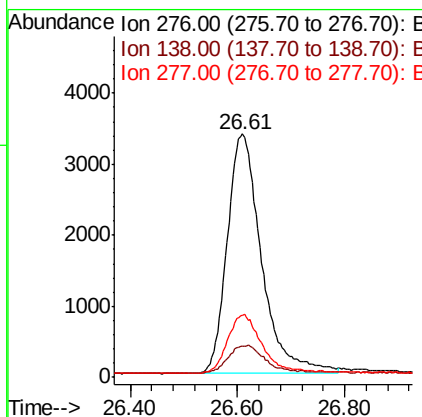
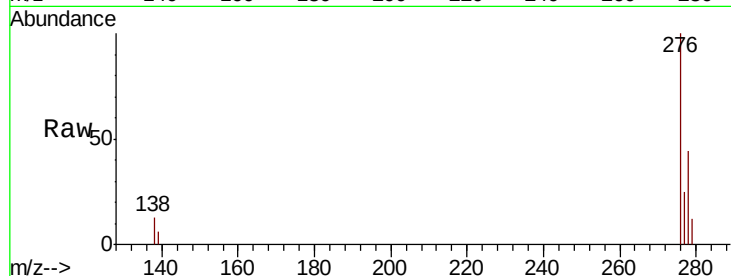




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.431 ng
 RT: 26.61 min Scan# 2964
 Delta R.T. -0.01 min
 Lab File: BE099884.D
 Acq: 10 Jun 2019 9:40

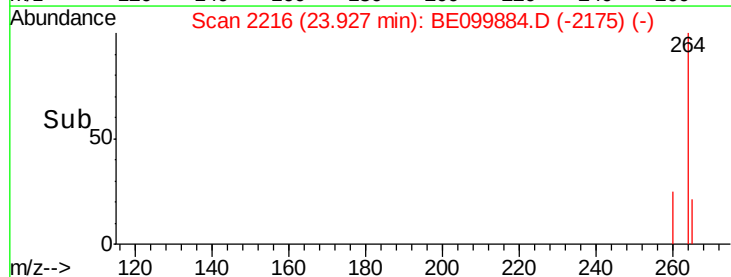
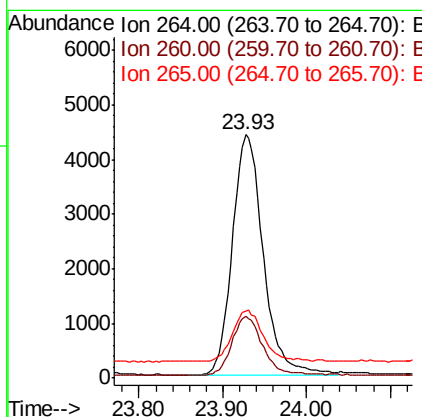
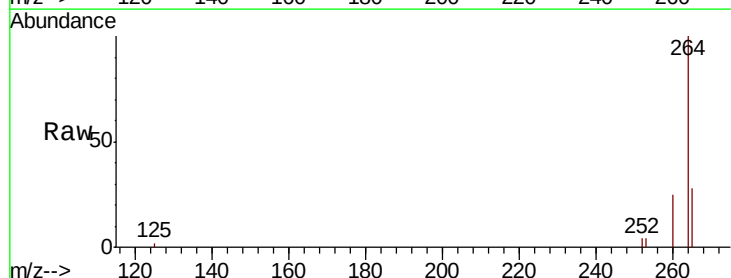
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

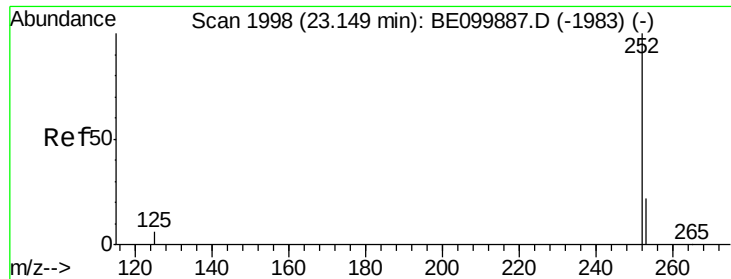
Tot Ion:276 Resp: 15054
 Ion Ratio Lower Upper
 276 100
 138 5.7 10.1 15.1#
 277 24.3 19.1 28.7



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BE099884.D
 Acq: 10 Jun 2019 9:40

Tgt Ion:264 Resp: 11254
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.2 30.2
 265 27.6 22.0 33.0





#35

Benzo(b)fluoranthene

Concen: 0.388 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

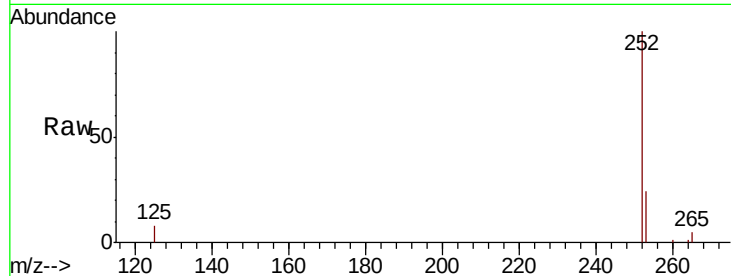
Tot Ion:252 Resp: 12250

Ion Ratio Lower Upper

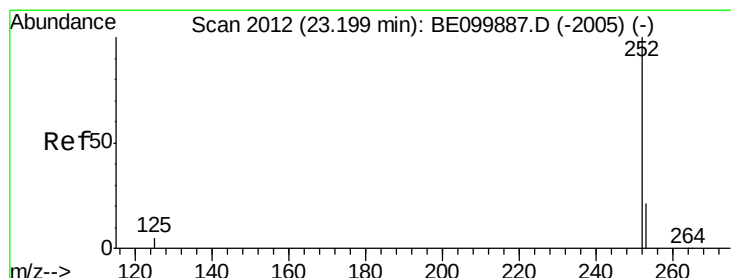
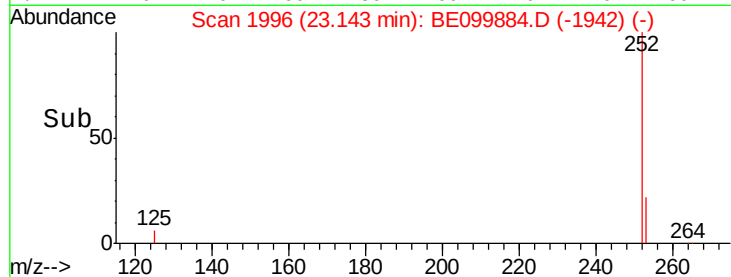
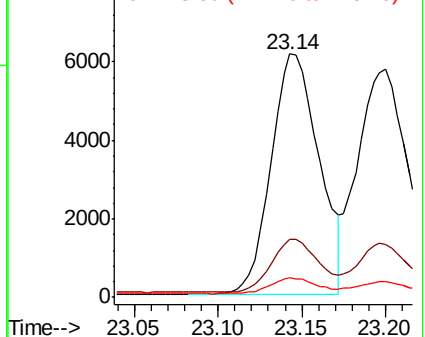
252 100

253 23.9 18.7 28.1

125 7.9 5.7 8.5



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



#36

Benzo(k)fluoranthene

Concen: 0.395 ng

RT: 23.20 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

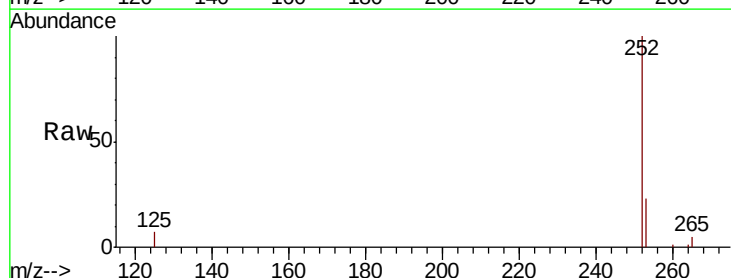
Tgt Ion:252 Resp: 13038

Ion Ratio Lower Upper

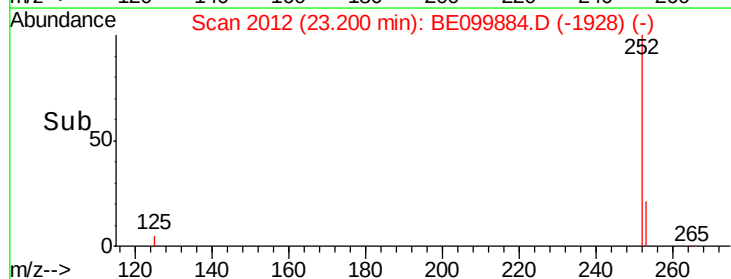
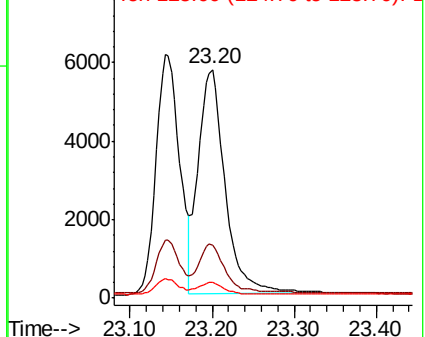
252 100

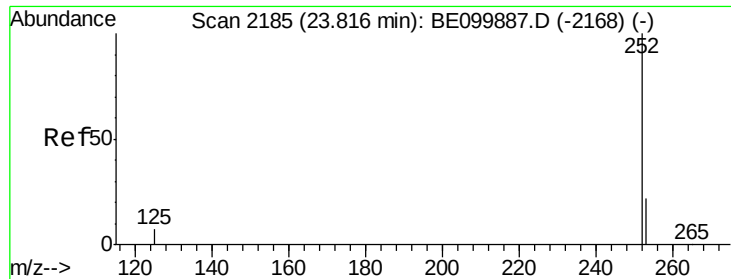
253 23.2 18.6 28.0

125 6.7 5.4 8.0



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





#37

Benzo(a)pyrene

Concen: 0.392 ng

RT: 23.81 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

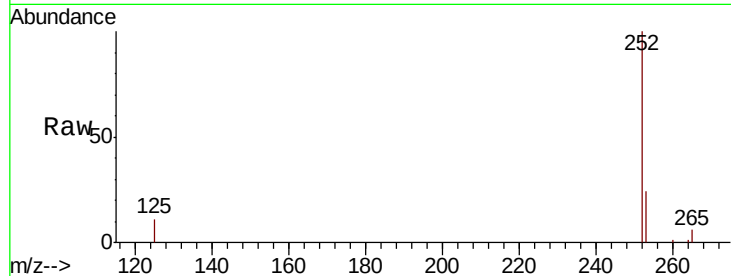
Tot Ion:252 Resp: 12181

Ion Ratio Lower Upper

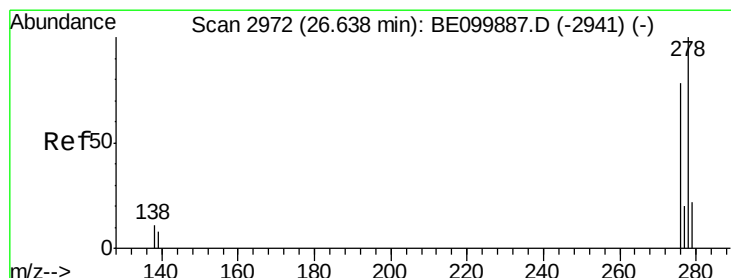
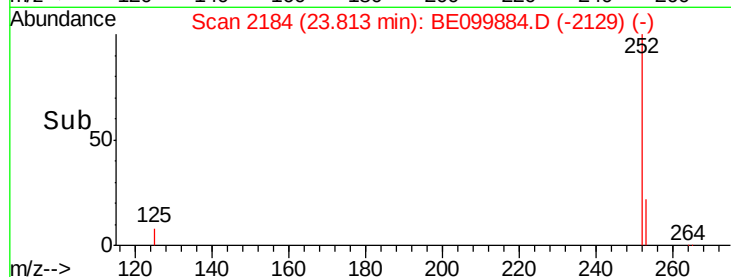
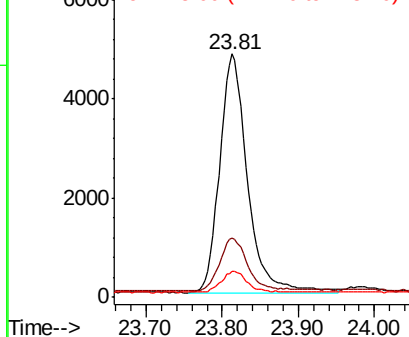
252 100

253 24.2 19.6 29.4

125 10.6 6.6 10.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.385 ng

RT: 26.64 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

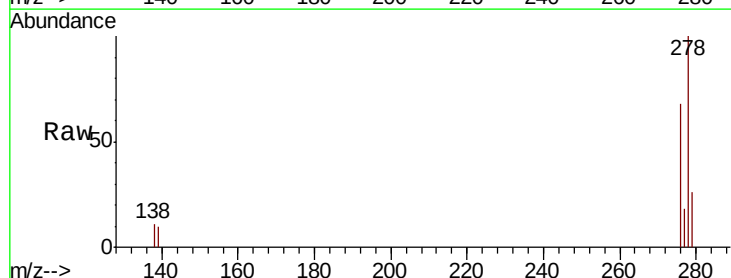
Tgt Ion:278 Resp: 12045

Ion Ratio Lower Upper

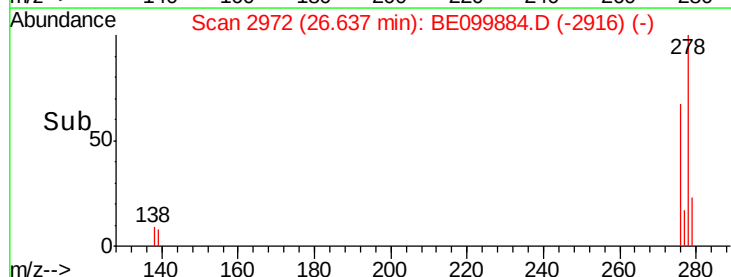
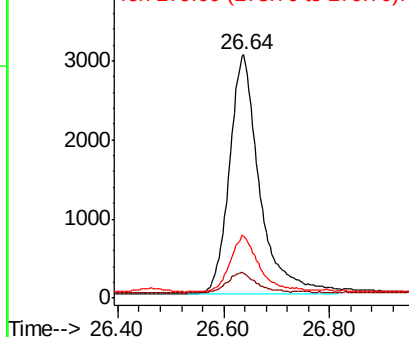
278 100

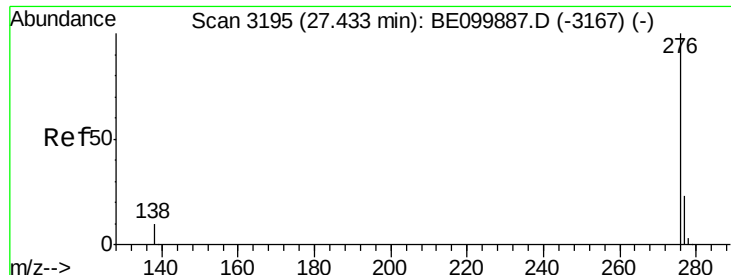
139 10.1 7.8 11.8

279 25.6 20.0 30.0



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: 0.390 ng

RT: 27.44 min Scan# 3196

Delta R.T. 0.00 min

Lab File: BE099884.D

Acq: 10 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

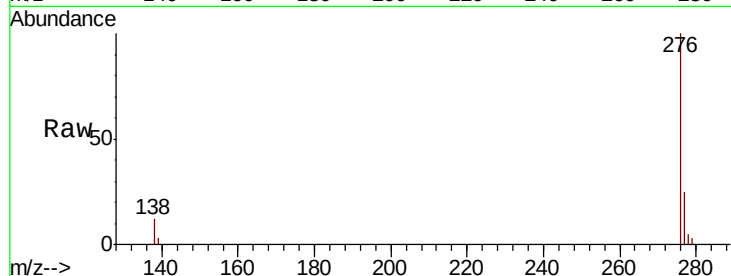
Tot Ion: 276 Resp: 12616

Ion Ratio Lower Upper

276 100

277 24.6 19.5 29.3

138 12.4 9.5 14.3



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

