

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099944.D
 Acq On : 12 Jun 2019 3:09
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc : LOQ-WATER-0.2PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Jun 12 03:48:15 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	7.78	152	676	0.40	ng	-0.02
7) Naphthalene-d8	10.59	136	2715	0.40	ng	-0.01
13) Acenaphthene-d10	14.44	164	2332	0.40	ng	-0.03
19) Phenanthrene-d10	17.17	188	7973	0.40	ng	-0.04
27) Chrysene-d12	21.35	240	9340	0.40	ng	-0.05
34) Perylene-d12	23.86	264	10866	0.40	ng	-0.07

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	665	0.36	ng	0.00
5) Phenol-d6	6.96	99	907	0.39	ng	0.00
8) Nitrobenzene-d5	8.96	82	885	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	1923	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	465	0.27	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	3258	0.37	ng	-0.03
25) Fluoranthene-d10	19.21	212	39350	0.34	ng	-0.04
29) Terphenyl-d14	19.82	244	7255	0.43	ng	-0.03

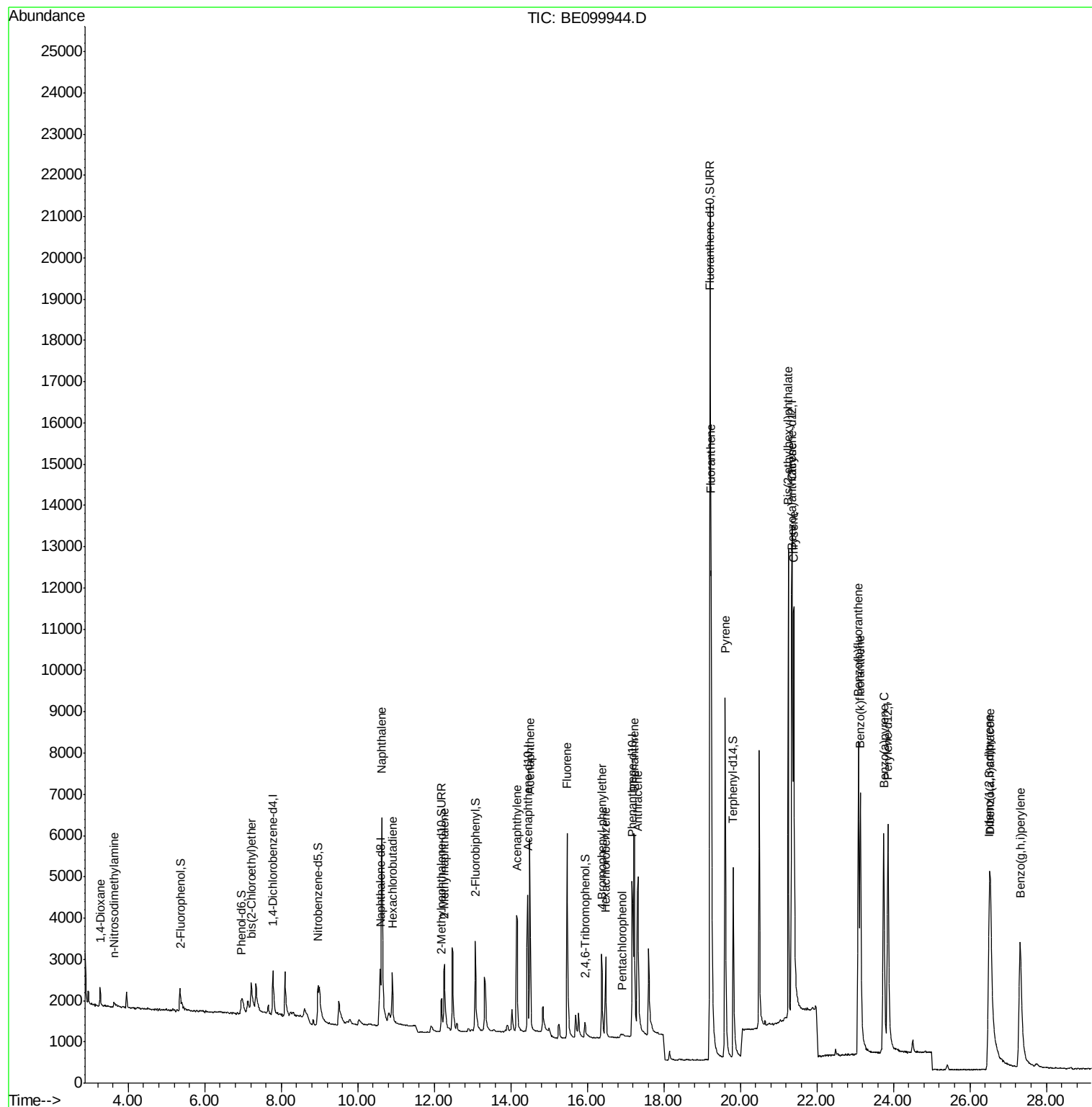
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	359	0.359	ng	96
3) n-Nitrosodimethylamine	3.62	42	67	0.116	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	661	0.344	ng	80
9) Naphthalene	10.63	128	11818	0.403	ng	99
10) Hexachlorobutadiene	10.90	225	952	0.426	ng	98
12) 2-Methylnaphthalene	12.27	142	1903	0.400	ng	96
16) Acenaphthylene	14.15	152	4457	0.384	ng	99
17) Acenaphthene	14.50	154	2410	0.381	ng	98
18) Fluorene	15.47	166	3854	0.406	ng	97
20) 4-Bromophenyl-phenylether	16.37	248	1747	0.387	ng	# 91
21) Hexachlorobenzene	16.48	284	1833	0.397	ng	99
22) Pentachlorophenol	16.91	266	205	0.392	ng	94
23) Phenanthrene	17.23	178	7247	0.375	ng	100
24) Anthracene	17.32	178	5851	0.330	ng	99
26) Fluoranthene	19.24	202	11526	0.351	ng	100
28) Pyrene	19.60	202	11611	0.473	ng	100
30) Benzo(a)anthracene	21.34	228	10229	0.366	ng	99
31) Chrysene	21.40	228	13189	0.457	ng	99
32) Bis(2-ethylhexyl)phthalate	21.26	149	13479	0.336	ng	100
33) Indeno(1,2,3-cd)pyrene	26.51	276	14146	0.413	ng	99
35) Benzo(b)fluoranthene	23.09	252	11993	0.394	ng	98
36) Benzo(k)fluoranthene	23.14	252	13260	0.416	ng	99
37) Benzo(a)pyrene	23.75	252	11864	0.396	ng	# 96
38) Dibenzo(a,h)anthracene	26.55	278	10395	0.344	ng	# 97
39) Benzo(g,h,i)perylene	27.31	276	12205	0.391	ng	97

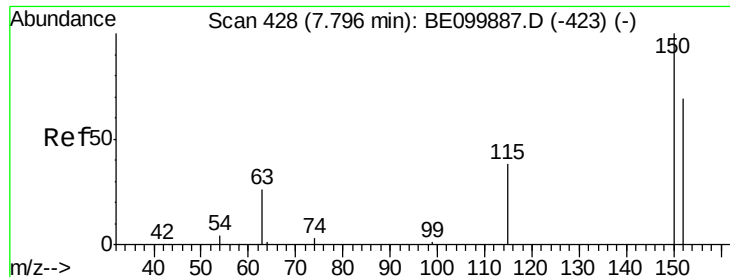
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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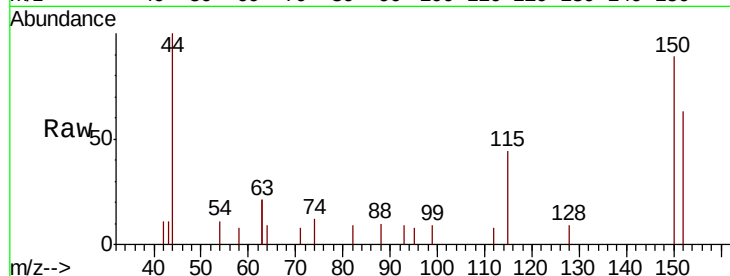


#1

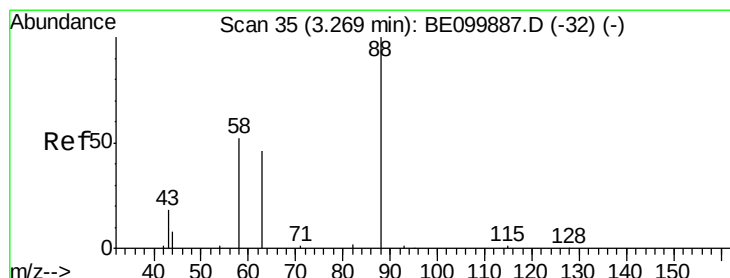
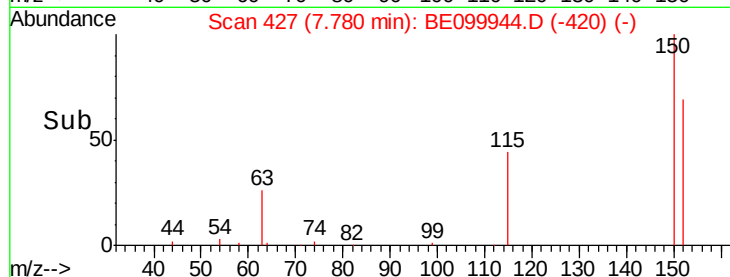
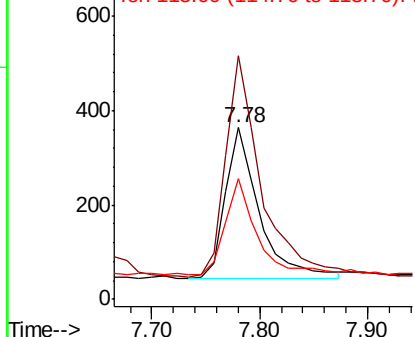
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.78 min Scan# 427
 Delta R.T. -0.02 min
 Lab File: BE099944.D
 Acq: 12 Jun 2019 3:09

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 152 Resp: 676
 Ion Ratio Lower Upper
 152 100
 150 141.8 111.0 166.6
 115 70.3 50.7 76.1



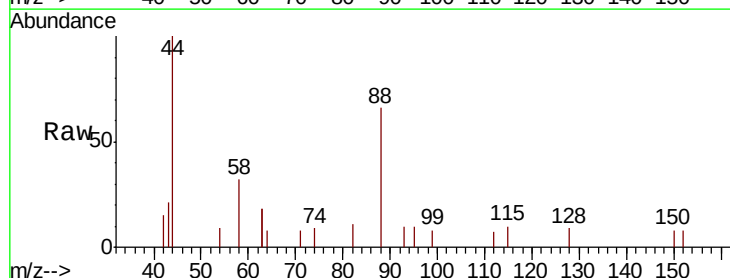
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



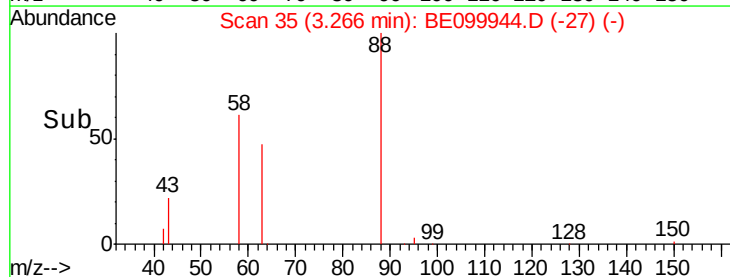
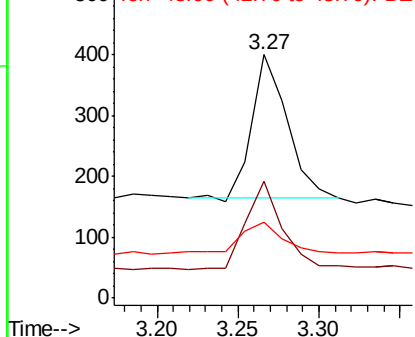
#2

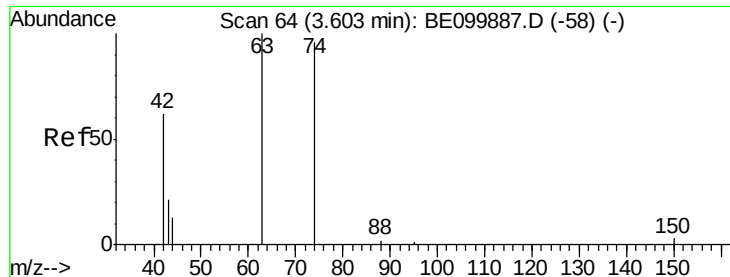
1,4-Dioxane
 Concen: 0.359 ng
 RT: 3.27 min Scan# 35
 Delta R.T. -0.00 min
 Lab File: BE099944.D
 Acq: 12 Jun 2019 3:09

Tgt Ion: 88 Resp: 359
 Ion Ratio Lower Upper
 88 100
 58 63.8 48.8 73.2
 43 27.0 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: 0.116 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

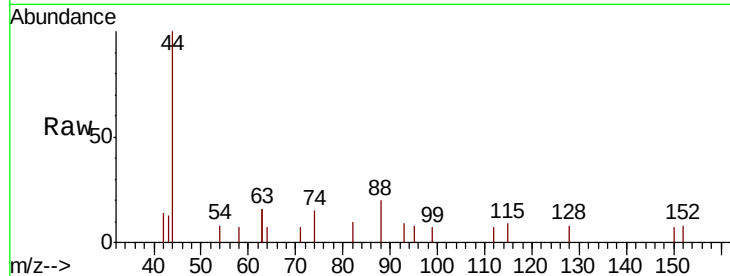
Tgt Ion: 42 Resp: 67

Ion Ratio Lower Upper

42 100

74 171.6 0.0 0.0#

44 49.3 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

800

600

400

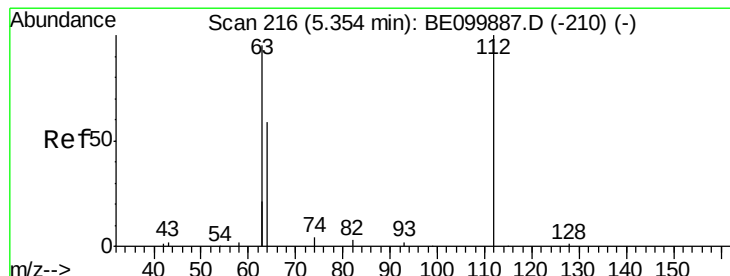
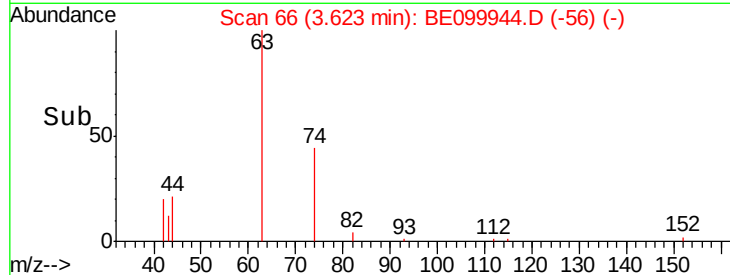
200

0

3.55 3.60 3.65

3.62

Time-->



#4

2-Fluorophenol

Concen: 0.364 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

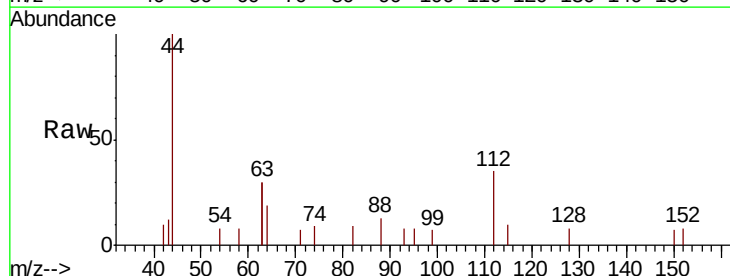
Tgt Ion: 112 Resp: 665

Ion Ratio Lower Upper

112 100

64 51.6 44.1 66.1

63 120.9 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

600

500

400

300

200

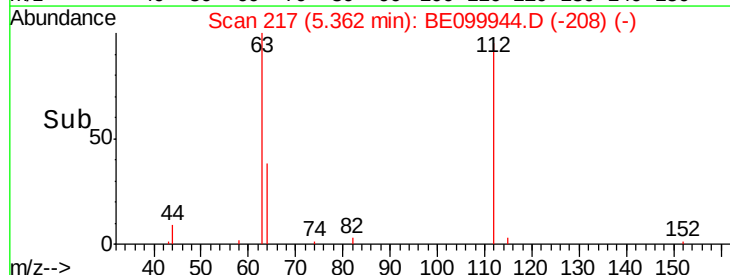
100

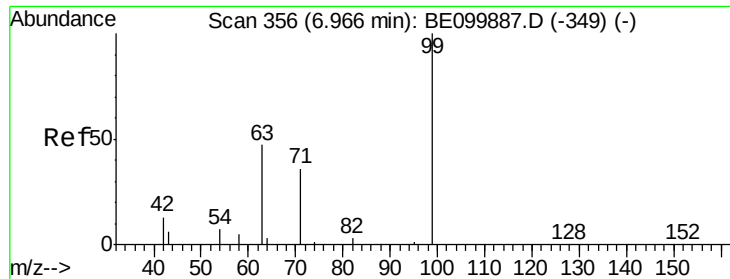
0

5.20 5.40 5.60

5.36

Time-->





#5

Phenol-d6

Concen: 0.386 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

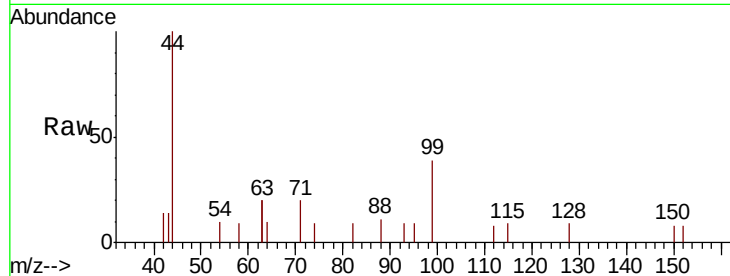
Tgt Ion: 99 Resp: 907

Ion Ratio Lower Upper

99 100

42 16.1 15.9 23.9

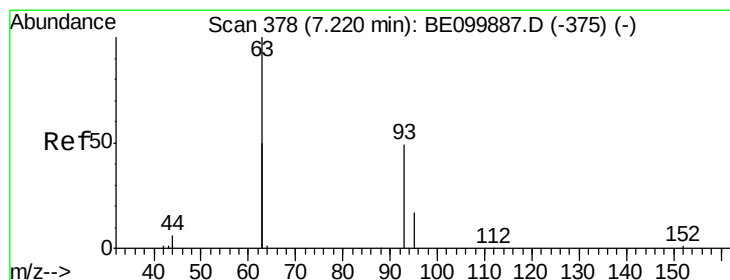
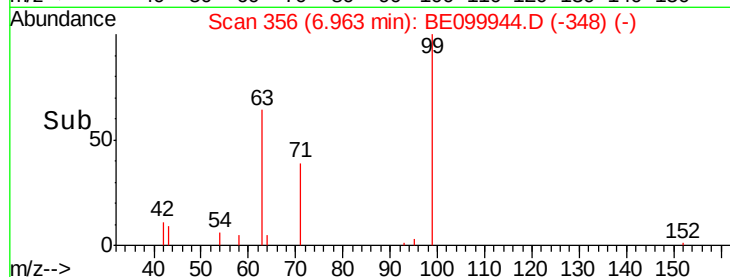
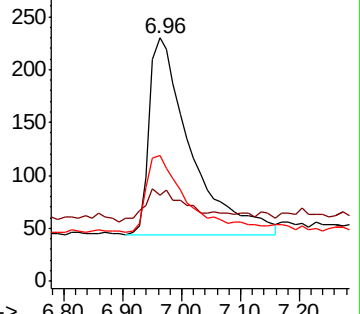
71 38.6 34.6 52.0



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: 0.344 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

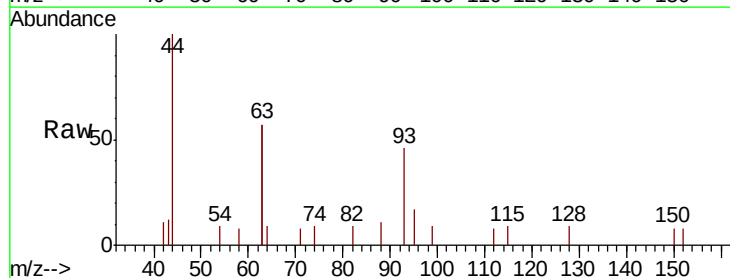
Tgt Ion: 93 Resp: 661

Ion Ratio Lower Upper

93 100

63 214.7 202.8 304.2

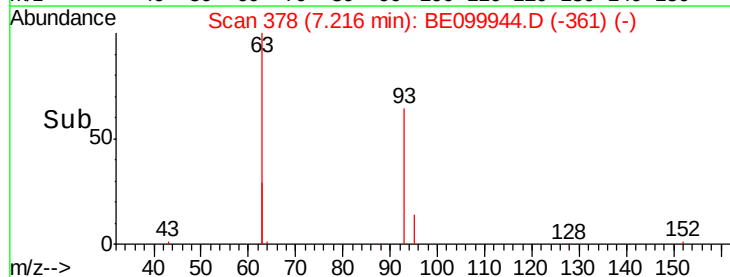
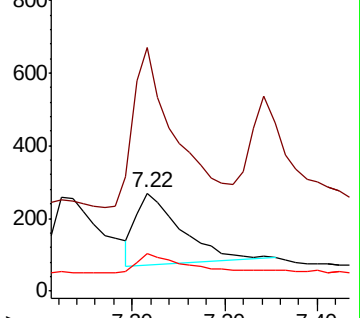
95 28.1 23.7 35.5

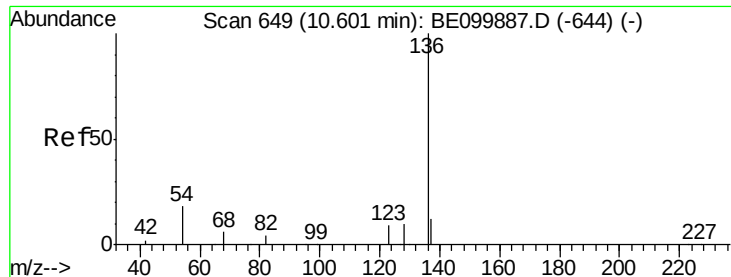


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 2715

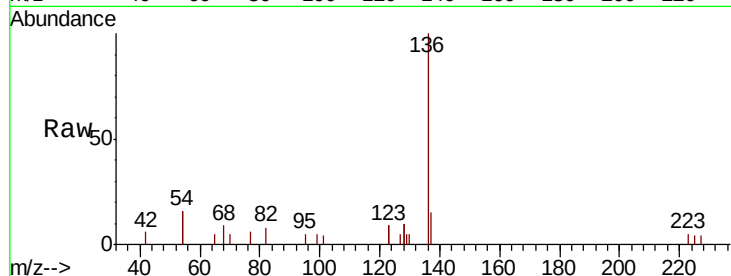
Ion Ratio Lower Upper

136 100

137 14.6 12.3 18.5

54 32.1 28.2 42.4

68 8.9 7.8 11.8

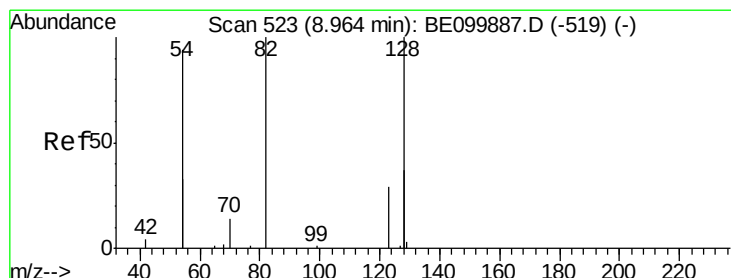
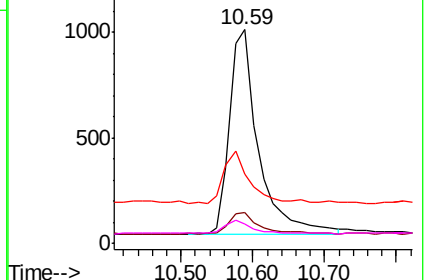
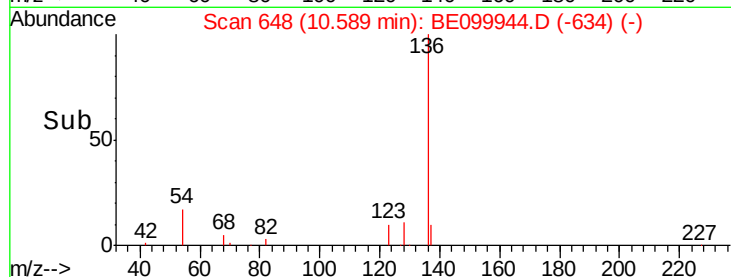


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.344 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

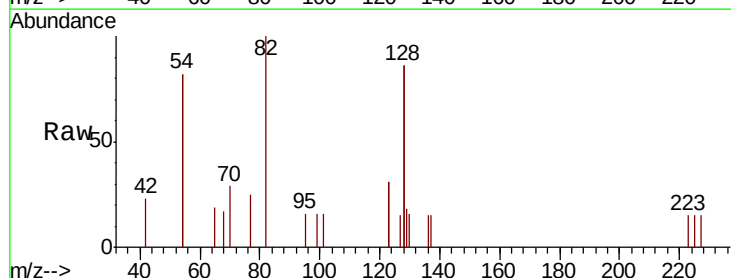
Tgt Ion: 82 Resp: 885

Ion Ratio Lower Upper

82 100

128 172.2 137.3 205.9

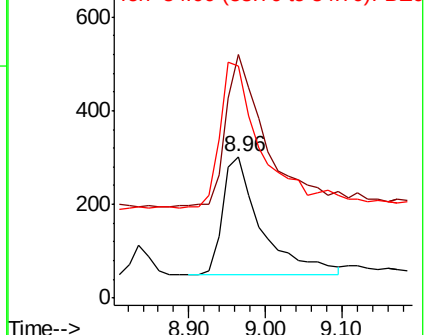
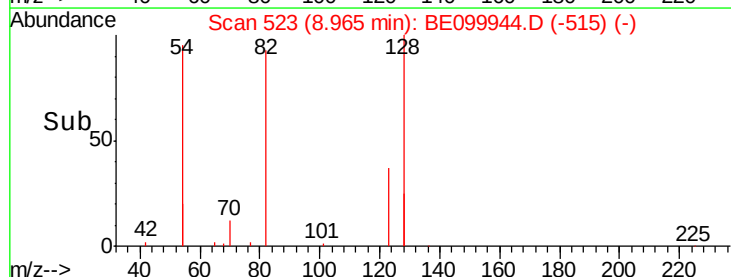
54 164.2 129.7 194.5

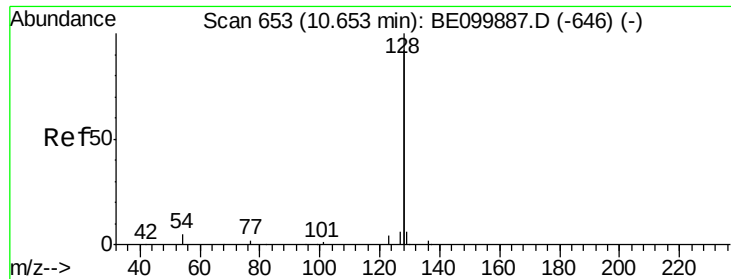


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.403 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.03 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

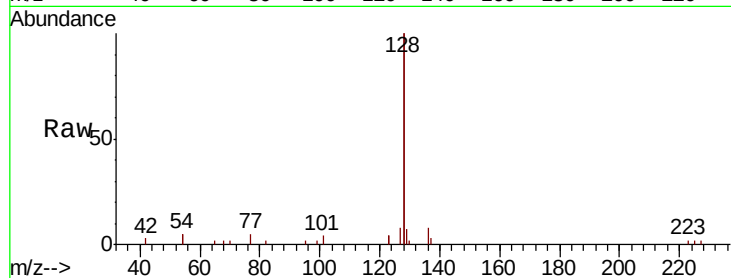
Tgt Ion:128 Resp: 11818

Ion Ratio Lower Upper

128 100

129 3.5 3.0 4.6

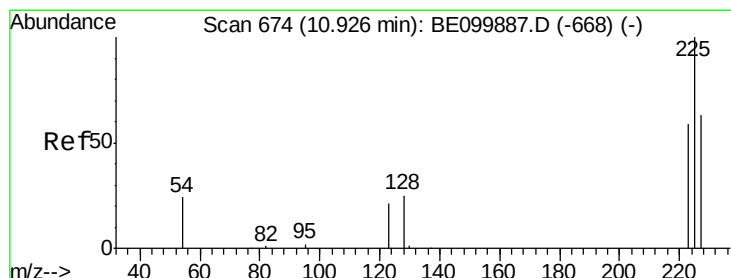
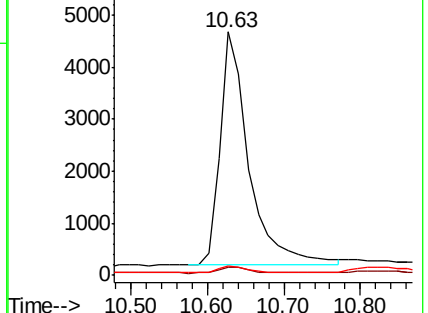
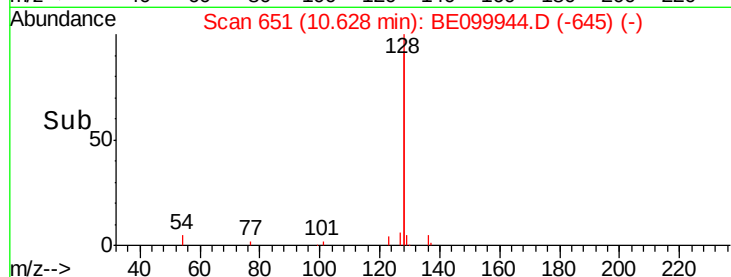
127 4.0 3.4 5.0



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: 0.426 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.03 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

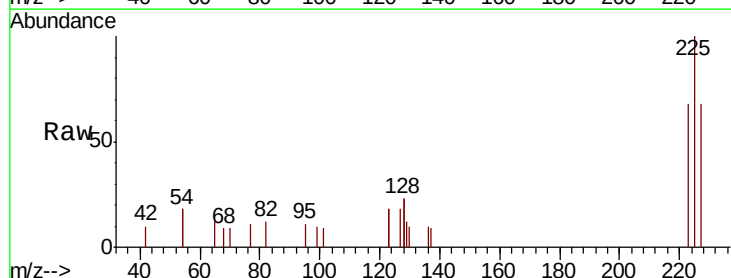
Tgt Ion:225 Resp: 952

Ion Ratio Lower Upper

225 100

223 64.2 51.6 77.4

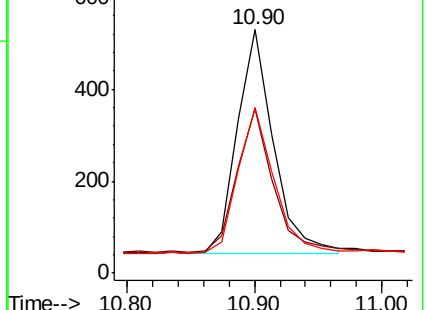
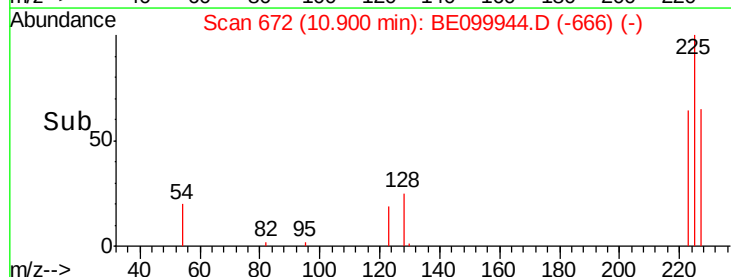
227 65.7 50.6 76.0

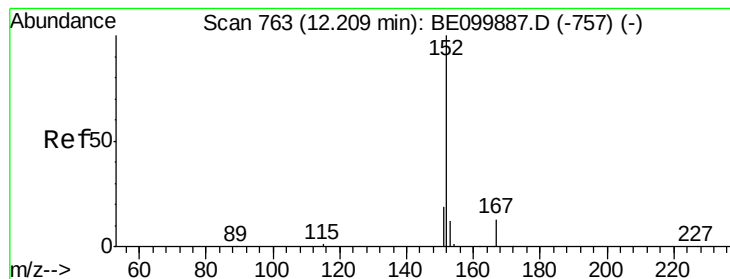


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.406 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

Instrument :

BNA_E

ClientSampleId :

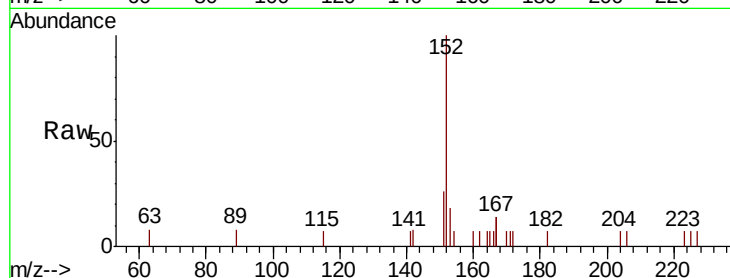
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1923

Ion Ratio Lower Upper

152 100

151 19.9 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.19

600

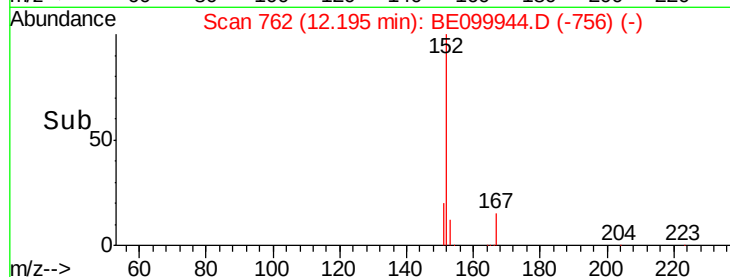
400

200

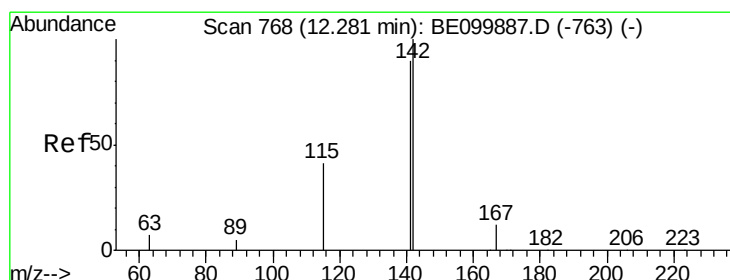
0

12.20

12.40



Time-->



#12

2-Methylnaphthalene

Concen: 0.400 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.01 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

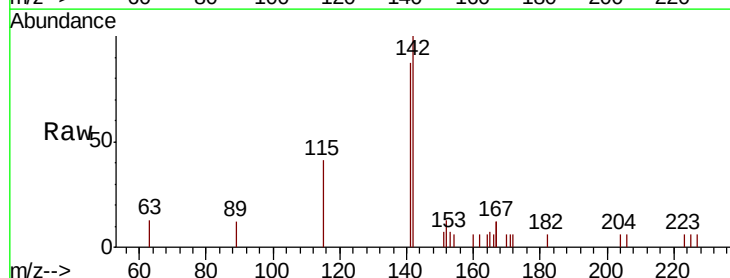
Tgt Ion:142 Resp: 1903

Ion Ratio Lower Upper

142 100

141 87.2 72.3 108.5

115 41.2 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

12.27

1000

800

600

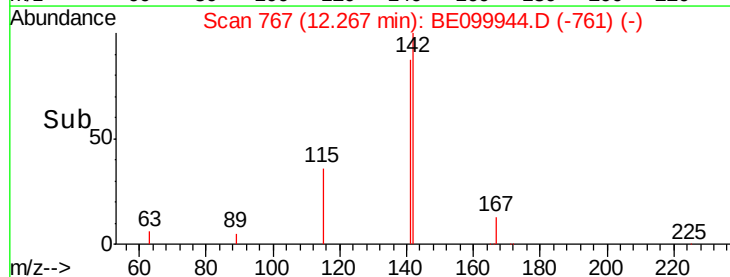
400

200

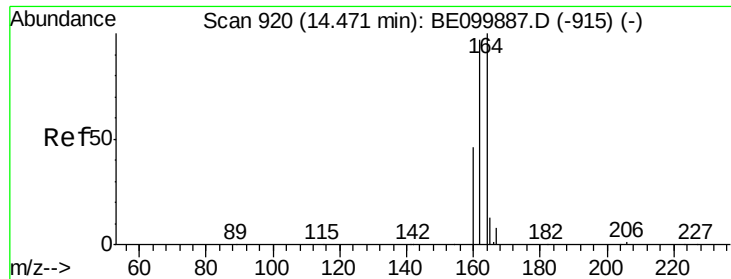
0

12.20

12.30



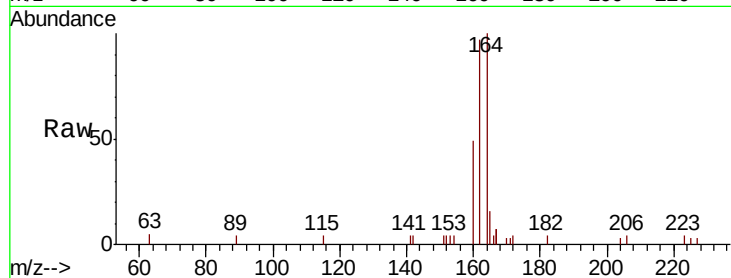
Time-->



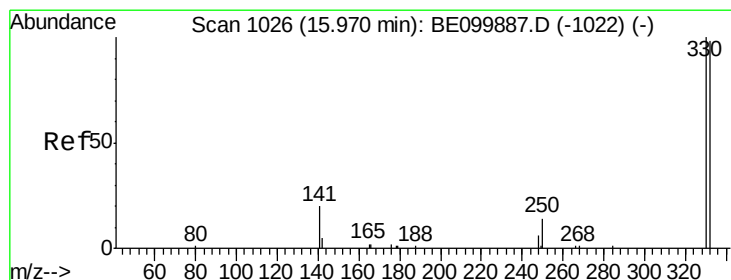
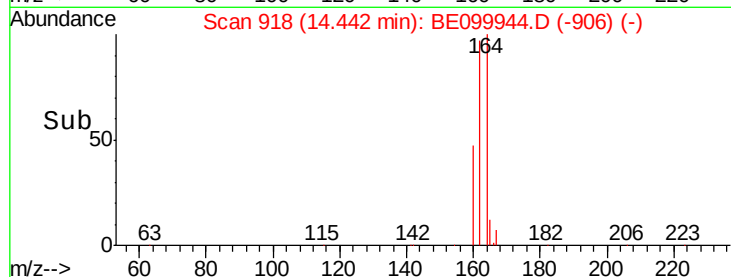
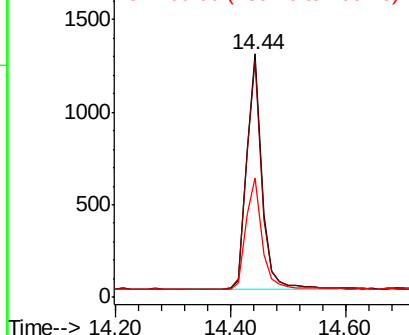
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.44 min Scan# 918
 Delta R.T. -0.03 min
 Lab File: BE099944.D
 Acq: 12 Jun 2019 3:09

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:164 Resp: 2332
 Ion Ratio Lower Upper
 164 100
 162 97.3 77.8 116.8
 160 48.9 38.2 57.4

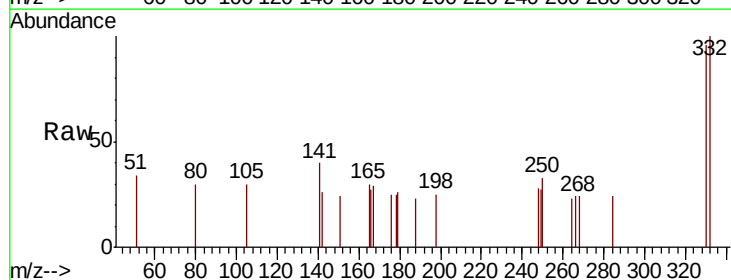


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

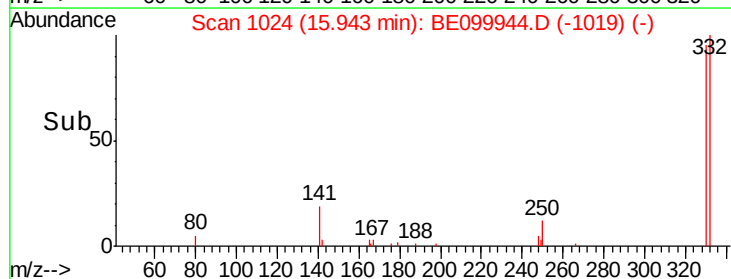
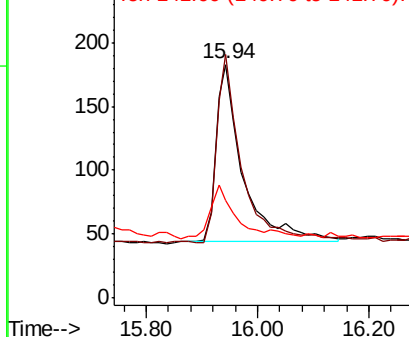


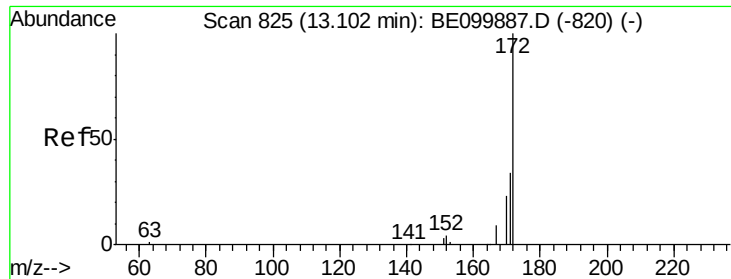
#14
 2,4,6-Tribromophenol
 Concen: 0.270 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.03 min
 Lab File: BE099944.D
 Acq: 12 Jun 2019 3:09

Tgt Ion:330 Resp: 465
 Ion Ratio Lower Upper
 330 100
 332 102.8 76.7 115.1
 141 27.7 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

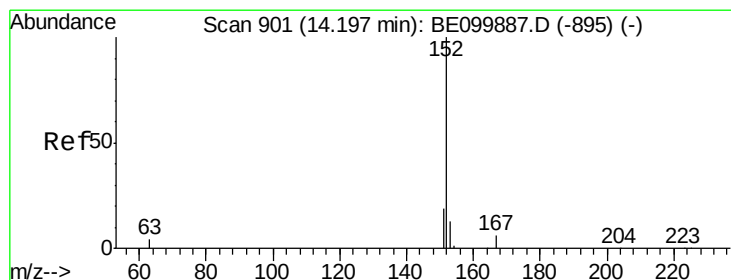
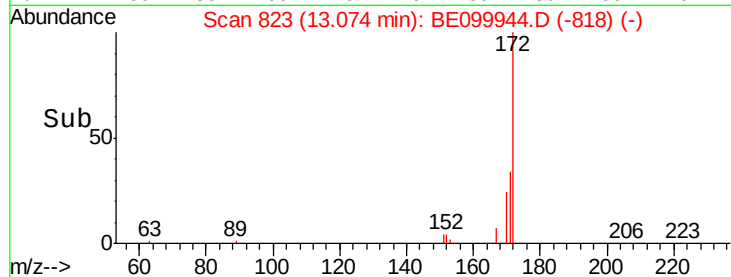
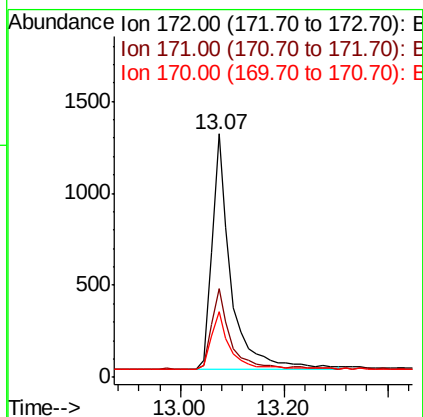
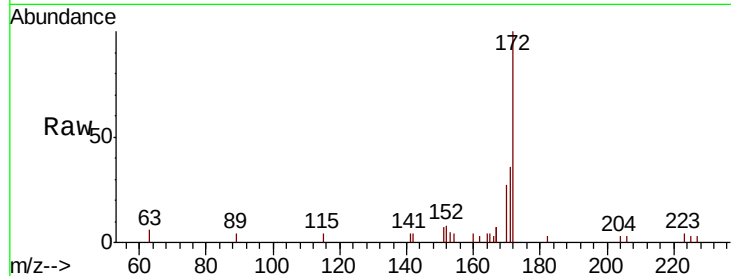




#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.03 min
Lab File: BE099944.D
Acq: 12 Jun 2019 3:09

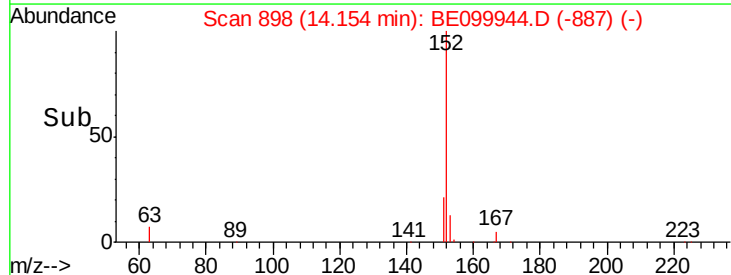
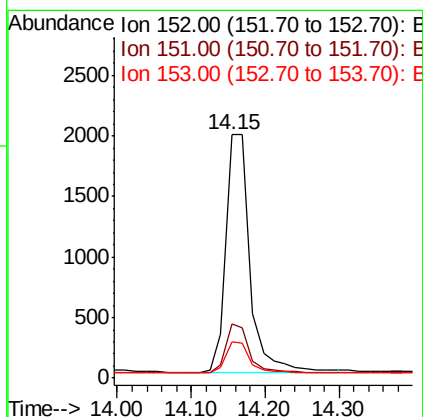
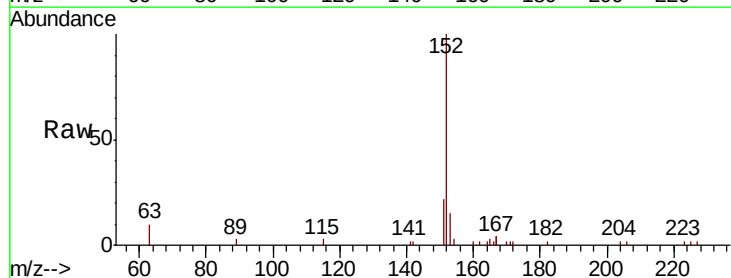
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

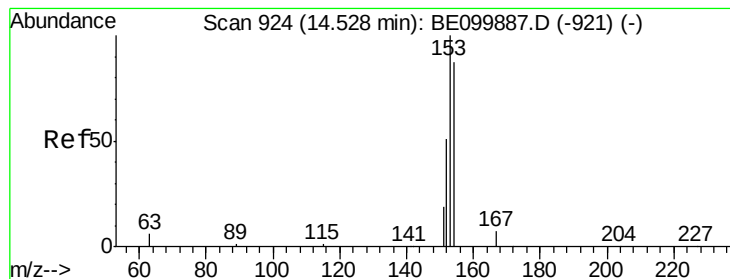
Tgt Ion:172 Resp: 3258
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 26.8 21.2 31.8



#16
Acenaphthylene
Concen: 0.384 ng
RT: 14.15 min Scan# 898
Delta R.T. -0.04 min
Lab File: BE099944.D
Acq: 12 Jun 2019 3:09

Tgt Ion:152 Resp: 4457
Ion Ratio Lower Upper
152 100
151 20.4 15.5 23.3
153 12.6 10.2 15.2





#17

Acenaphthene

Concen: 0.381 ng

RT: 14.50 min Scan# 922

Delta R.T. -0.03 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

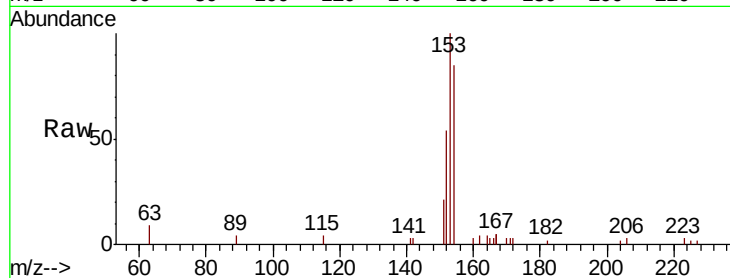
Tgt Ion:154 Resp: 2410

Ion Ratio Lower Upper

154 100

153 117.3 93.1 139.7

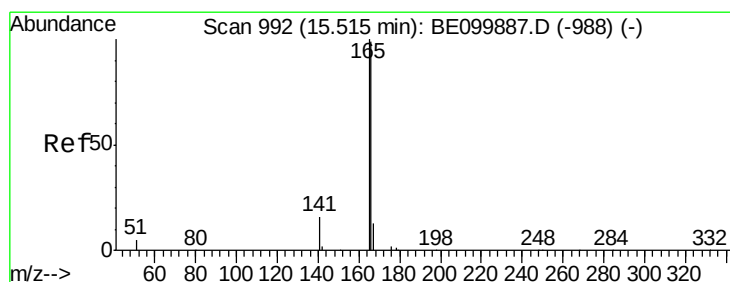
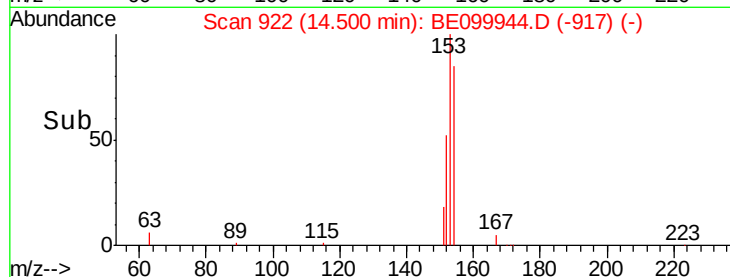
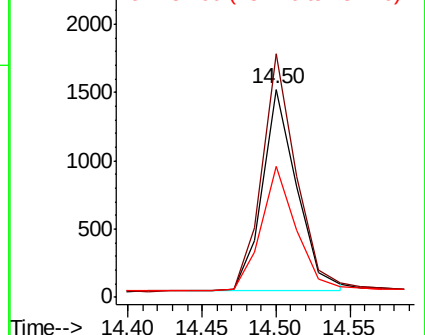
152 62.5 47.0 70.4



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: 0.406 ng

RT: 15.47 min Scan# 989

Delta R.T. -0.04 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

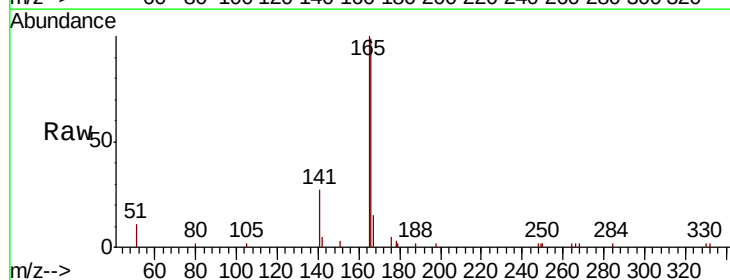
Tgt Ion:166 Resp: 3854

Ion Ratio Lower Upper

166 100

165 99.4 81.8 122.8

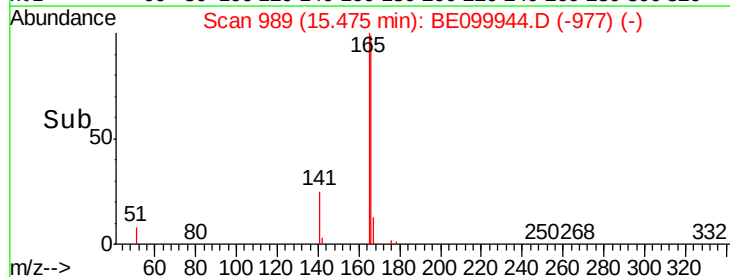
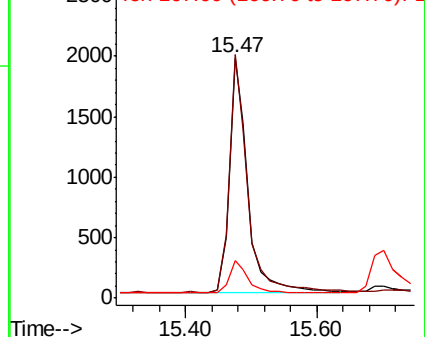
167 13.7 11.2 16.8

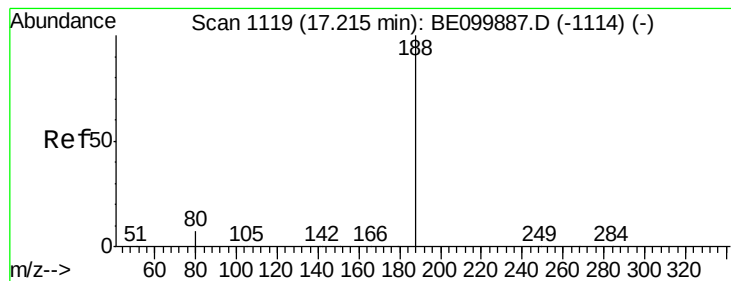


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.17 min Scan# 1116

Delta R.T. -0.04 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

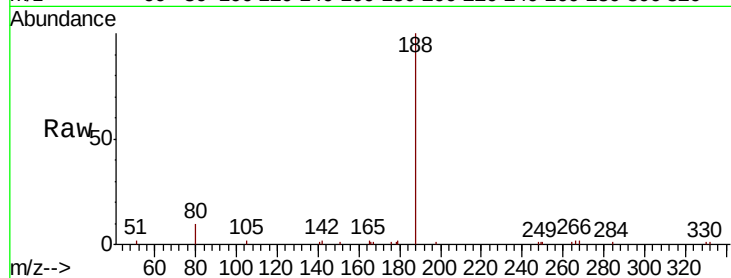
Tgt Ion:188 Resp: 7973

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

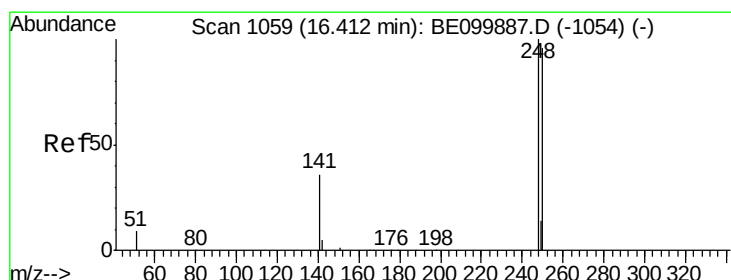
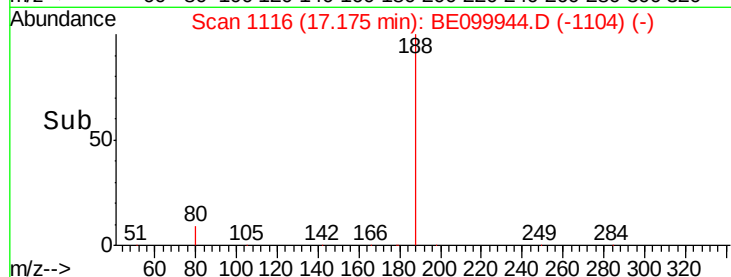
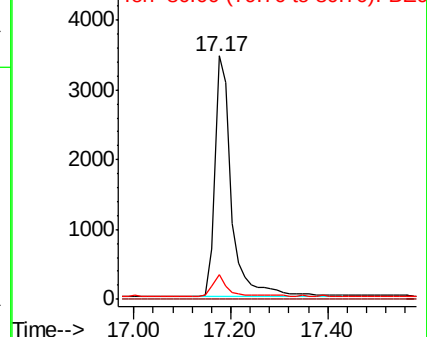
80 10.2 6.4 9.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.387 ng

RT: 16.37 min Scan# 1056

Delta R.T. -0.04 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

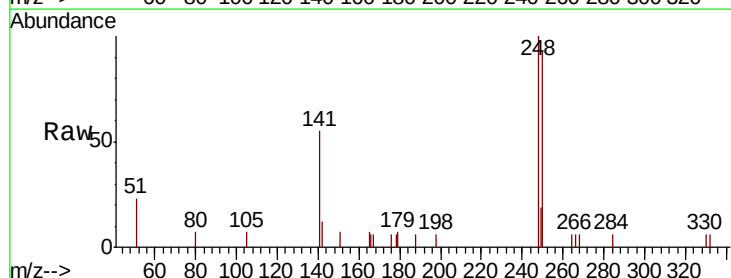
Tgt Ion:248 Resp: 1747

Ion Ratio Lower Upper

248 100

250 93.5 77.5 116.3

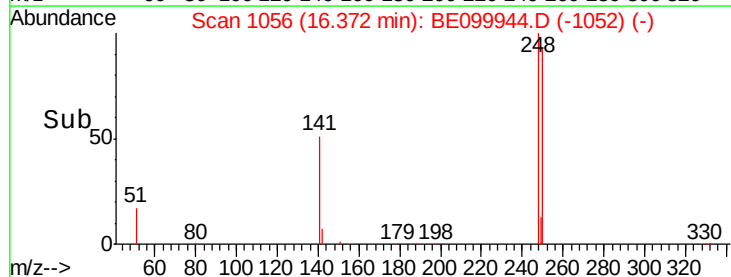
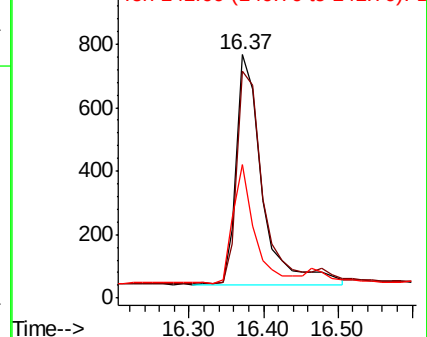
141 54.6 31.8 47.8#

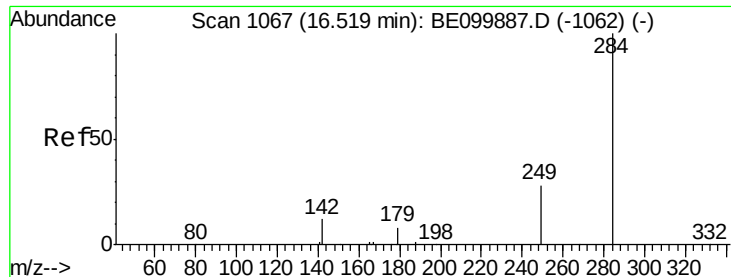


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.397 ng

RT: 16.48 min Scan# 1064

Delta R.T. -0.04 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

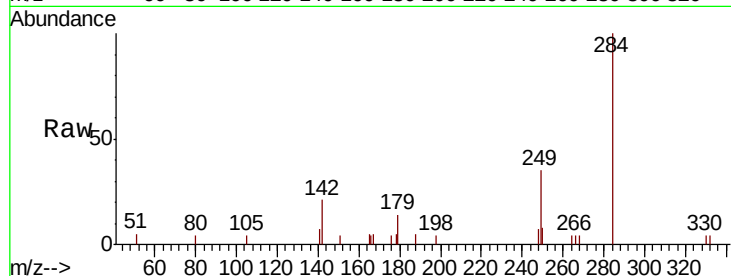
Instrument :

BNA_E

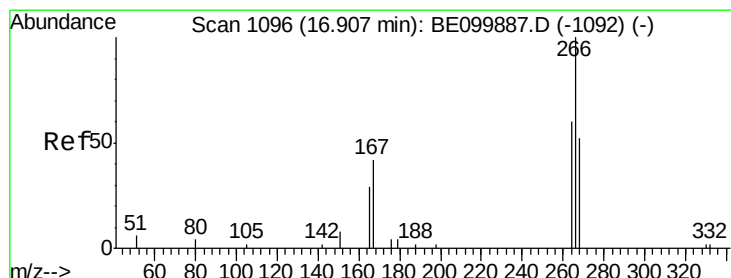
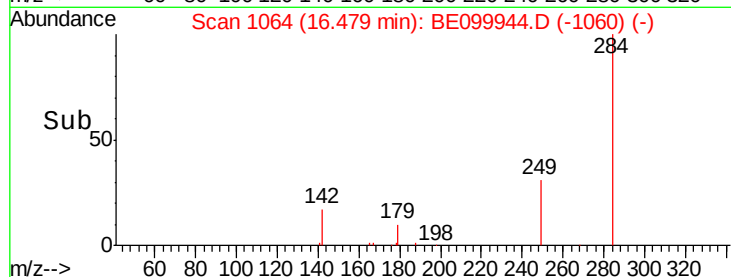
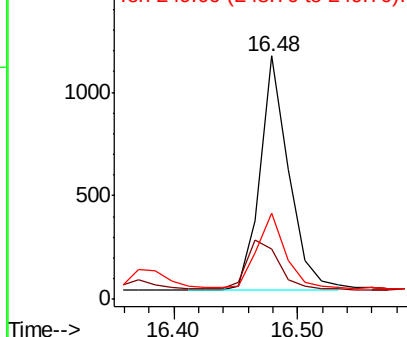
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	284	Resp:	1833
Ion	Ratio	Lower	Upper
284	100		
142	23.3	18.2	27.4
249	30.9	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: 0.392 ng

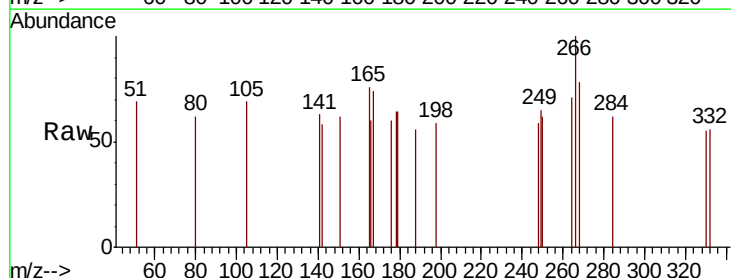
RT: 16.91 min Scan# 1096

Delta R.T. 0.00 min

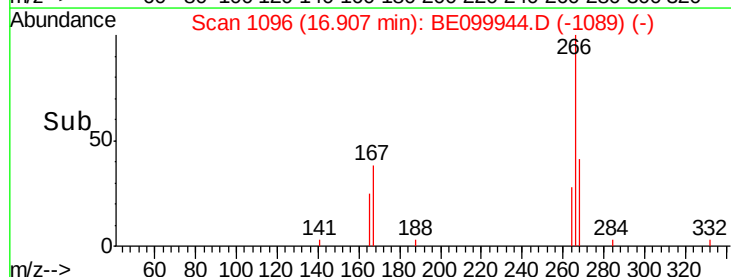
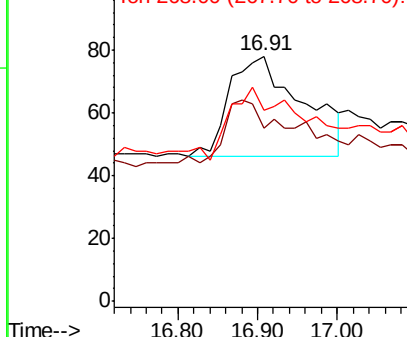
Lab File: BE099944.D

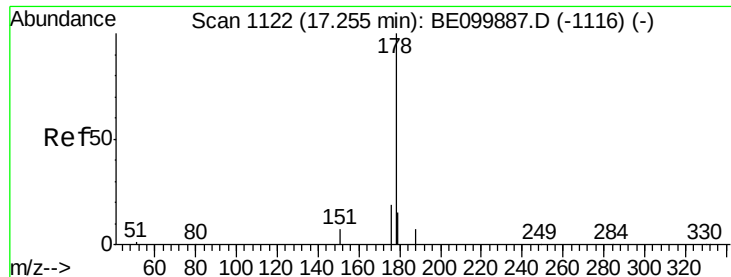
Acq: 12 Jun 2019 3:09

Tgt Ion:	266	Resp:	205
Ion	Ratio	Lower	Upper
266	100		
264	70.5	62.2	93.2
268	78.2	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: 0.375 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

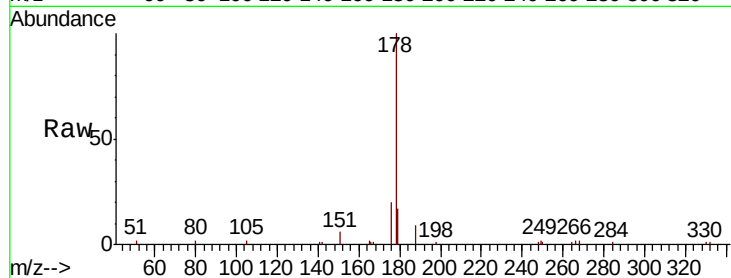
Tgt Ion:178 Resp: 7247

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

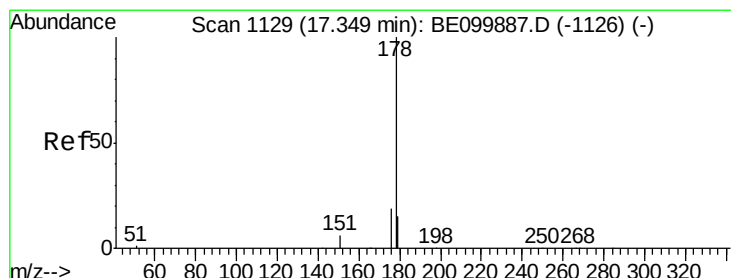
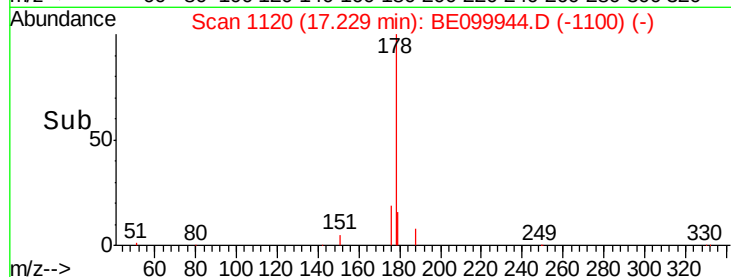
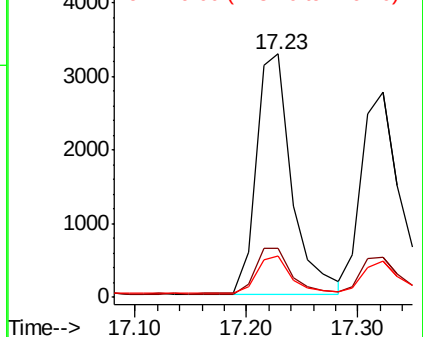
179 15.5 12.4 18.6



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: 0.330 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

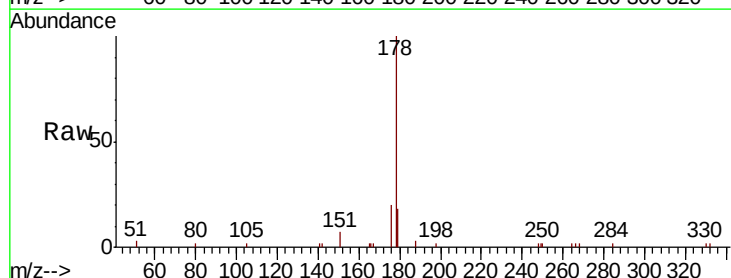
Tgt Ion:178 Resp: 5851

Ion Ratio Lower Upper

178 100

176 19.0 14.6 22.0

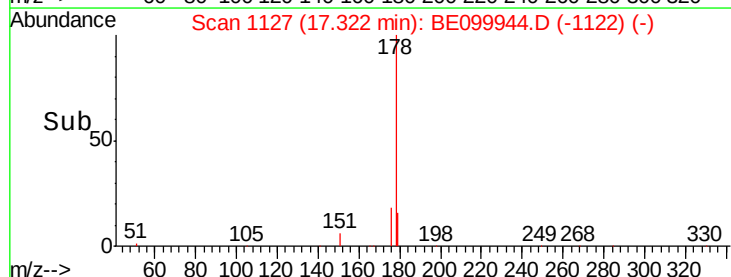
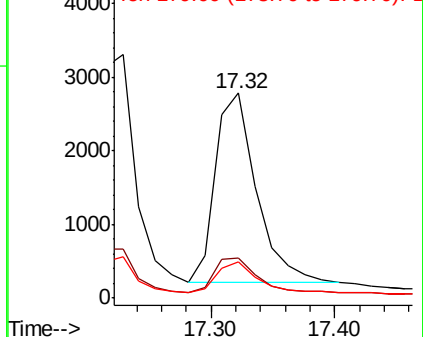
179 15.8 12.3 18.5

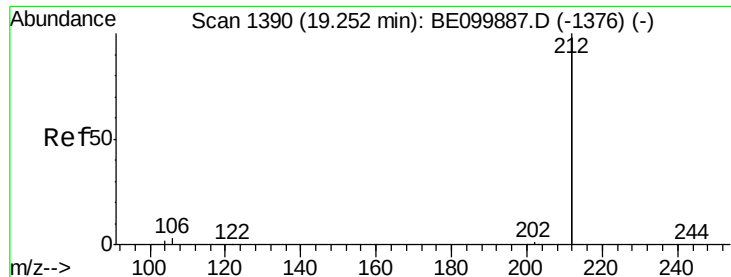


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

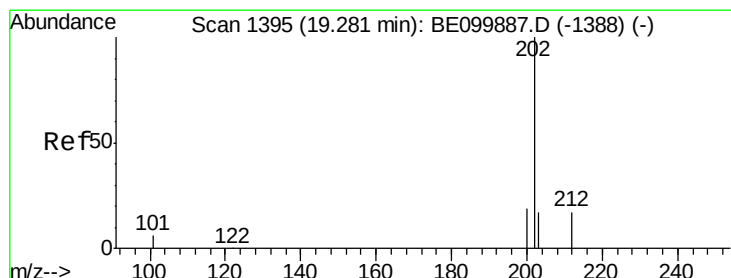
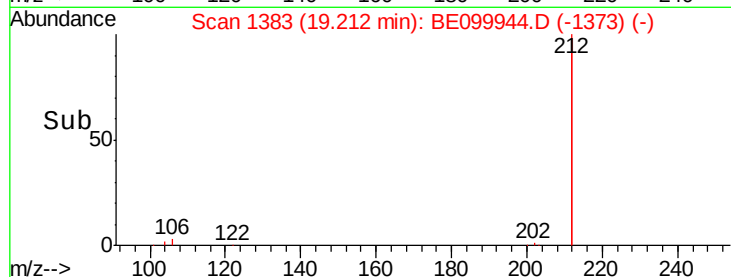
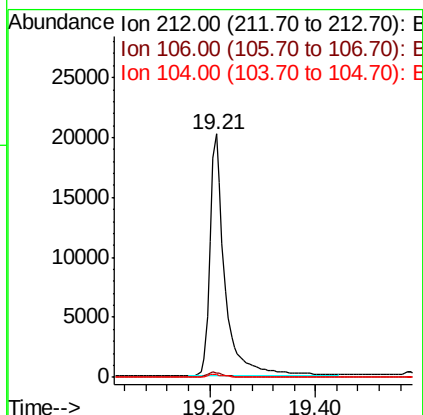
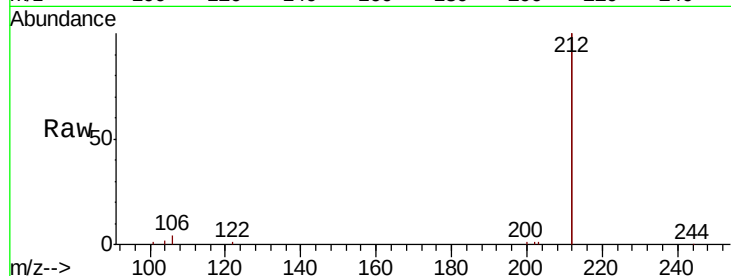




#25
 Fluoranthene-d10
 Concen: 0.339 ng
 RT: 19.21 min Scan# 1383
 Delta R.T. -0.04 min
 Lab File: BE099944.D
 Acq: 12 Jun 2019 3:09

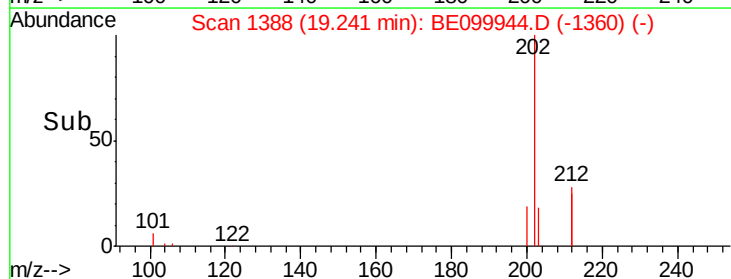
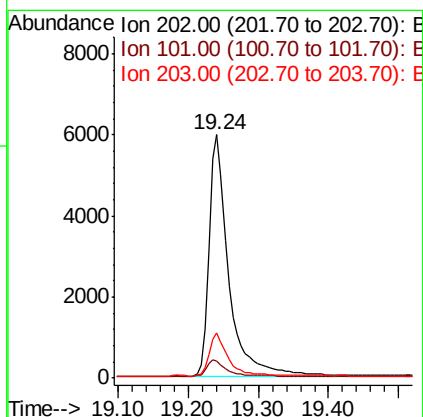
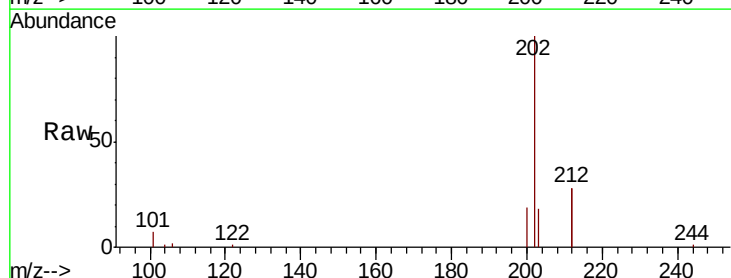
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

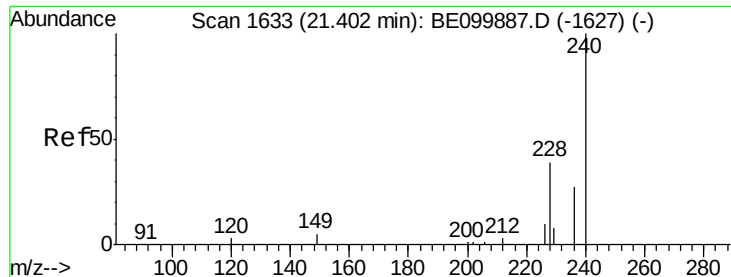
Tgt Ion: 212 Resp: 39350
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.4 2.2
 104 1.1 0.9 1.3



#26
 Fluoranthene
 Concen: 0.351 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.04 min
 Lab File: BE099944.D
 Acq: 12 Jun 2019 3:09

Tgt Ion: 202 Resp: 11526
 Ion Ratio Lower Upper
 202 100
 101 6.7 5.4 8.0
 203 16.8 13.2 19.8

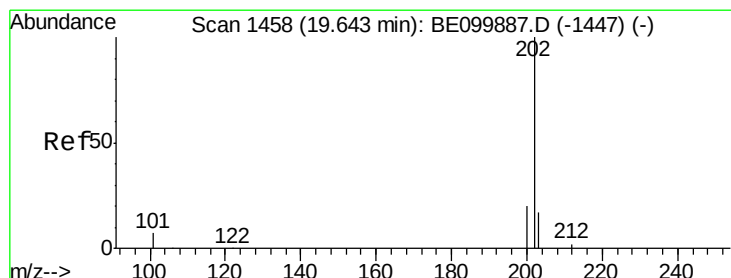
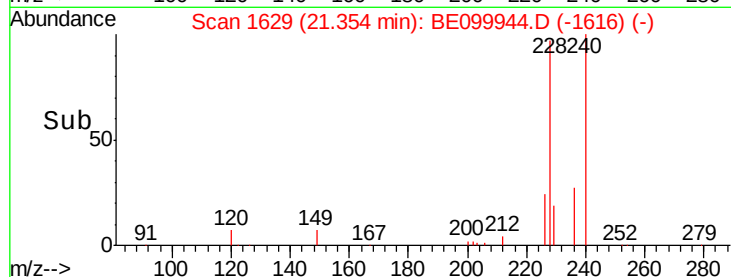
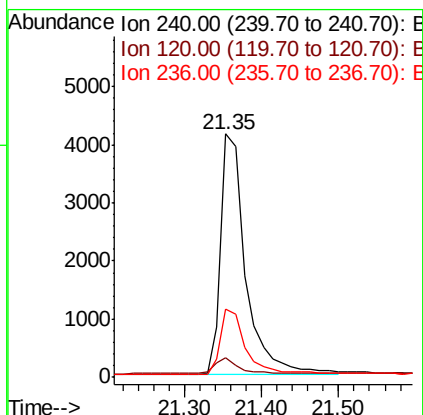
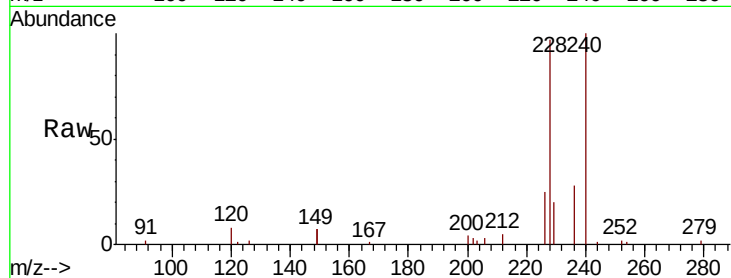




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.35 min Scan# 1629
 Delta R.T. -0.05 min
 Lab File: BE099944.D
 Acq: 12 Jun 2019 3:09

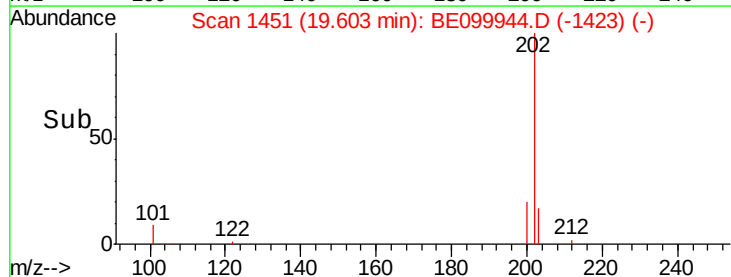
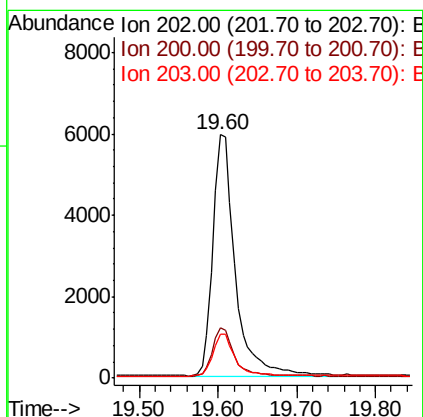
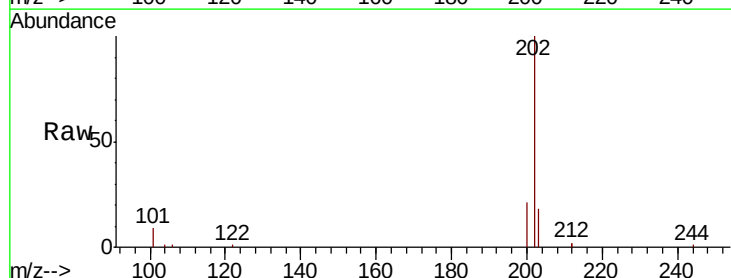
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

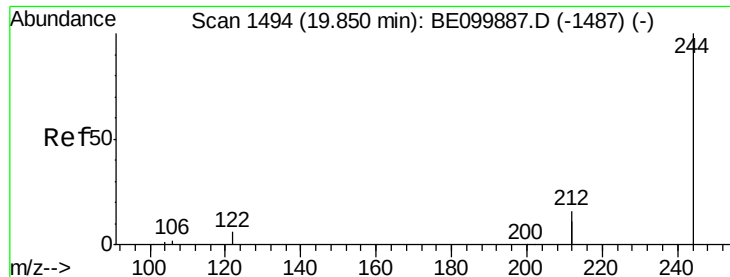
Tgt Ion: 240 Resp: 9340
 Ion Ratio Lower Upper
 240 100
 120 8.3 3.8 5.6#
 236 28.2 22.0 33.0



#28
 Pyrene
 Concen: 0.473 ng
 RT: 19.60 min Scan# 1451
 Delta R.T. -0.04 min
 Lab File: BE099944.D
 Acq: 12 Jun 2019 3:09

Tgt Ion: 202 Resp: 11611
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.5 23.3
 203 17.4 14.0 21.0





#29

Terphenyl-d14

Concen: 0.431 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.03 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

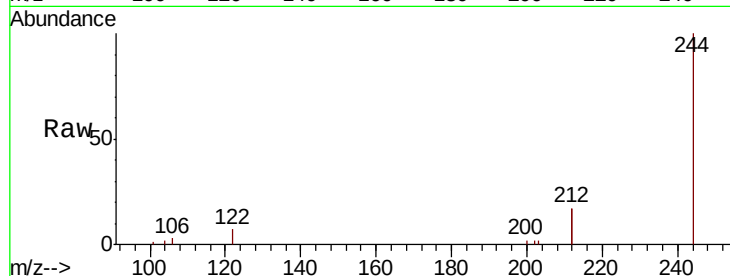
Tgt Ion:244 Resp: 7255

Ion Ratio Lower Upper

244 100

212 33.3 25.7 38.5

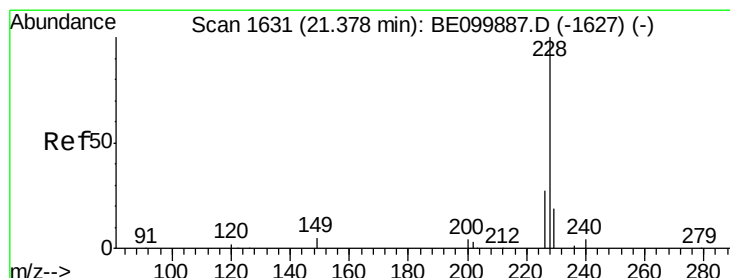
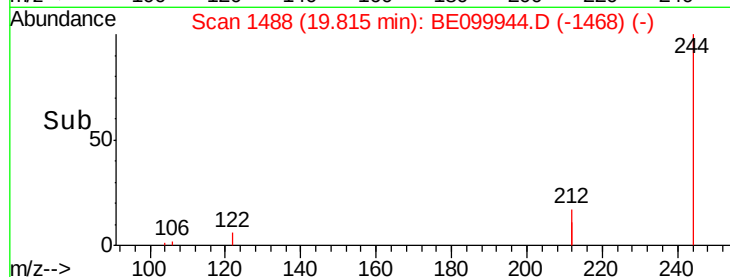
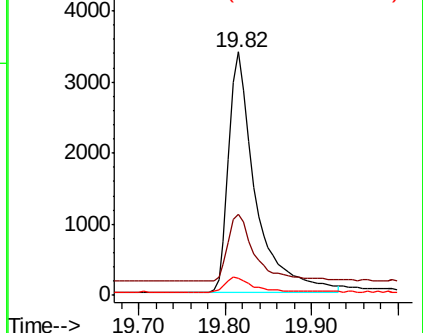
122 7.0 5.5 8.3



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: 0.366 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.04 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

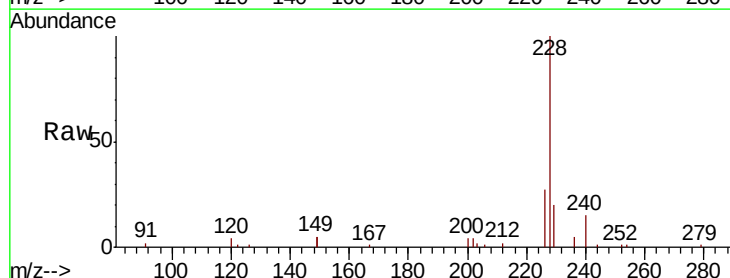
Tgt Ion:228 Resp: 10229

Ion Ratio Lower Upper

228 100

226 27.3 22.5 33.7

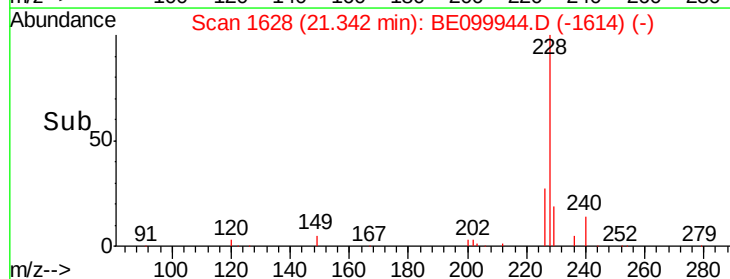
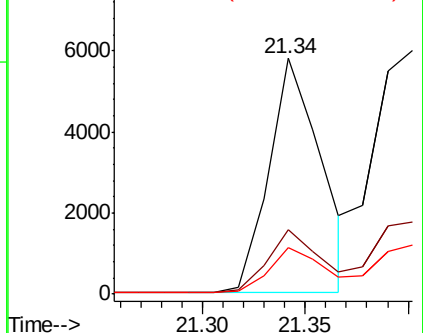
229 19.9 15.9 23.9

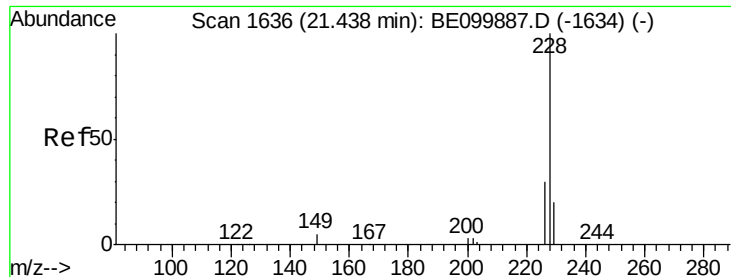


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.457 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.04 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

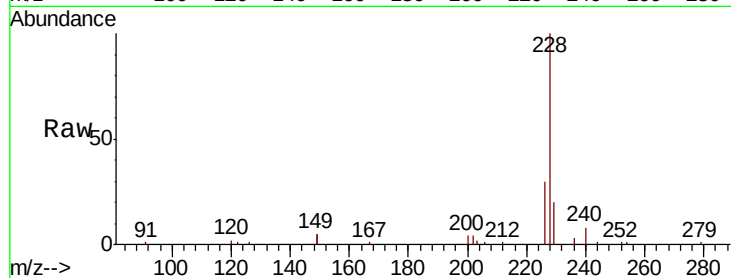
Tgt Ion:228 Resp: 13189

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

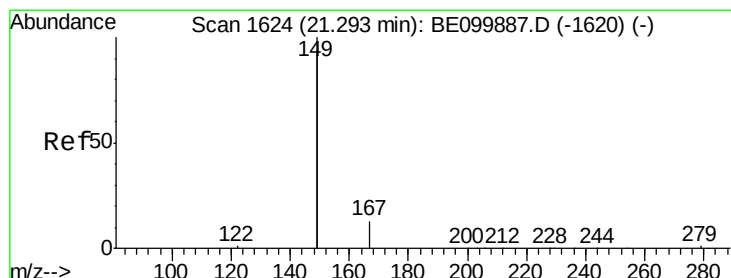
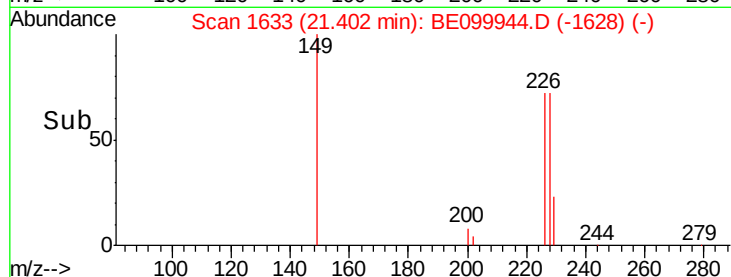
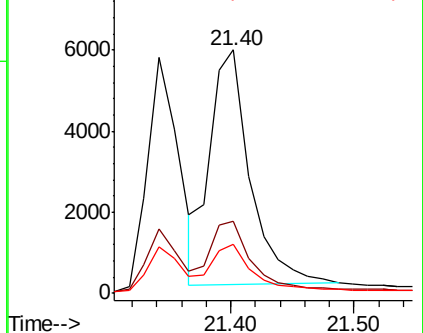
229 20.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.336 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.04 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

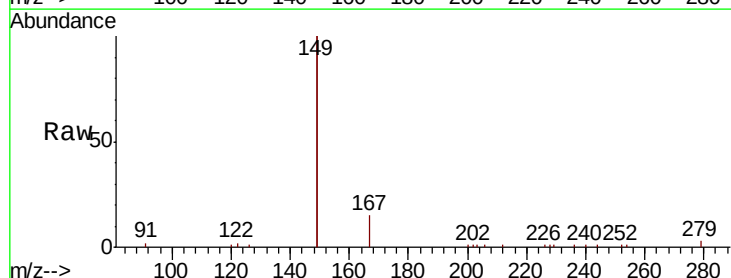
Tgt Ion:149 Resp: 13479

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

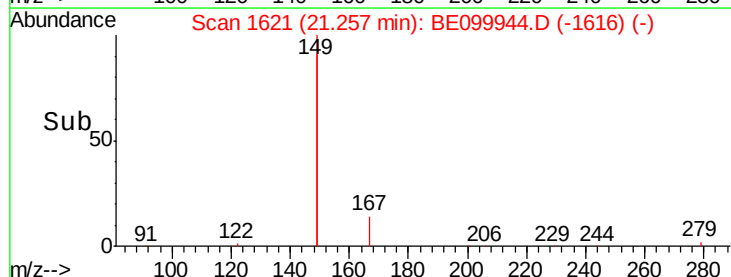
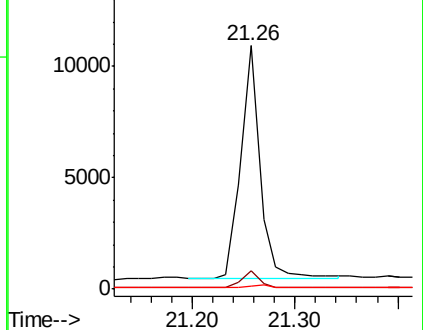
279 1.5 1.2 1.8

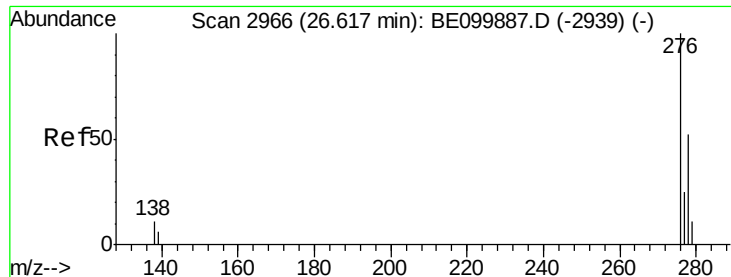


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.413 ng

RT: 26.51 min Scan# 2935

Delta R.T. -0.11 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

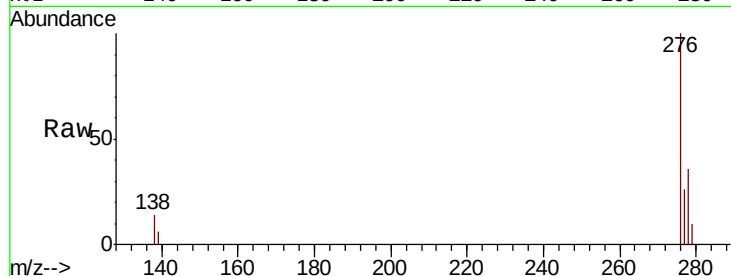
Tgt Ion:276 Resp: 14146

Ion Ratio Lower Upper

276 100

138 12.8 10.1 15.1

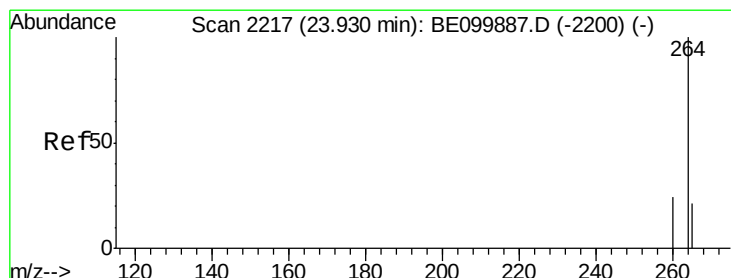
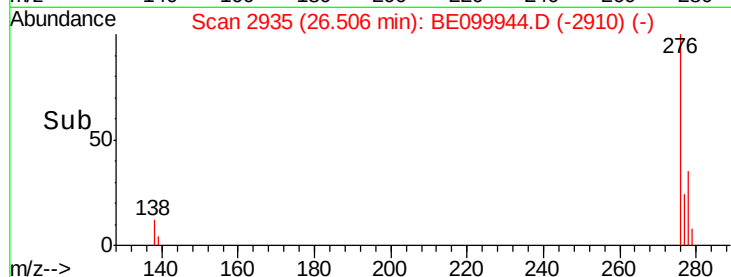
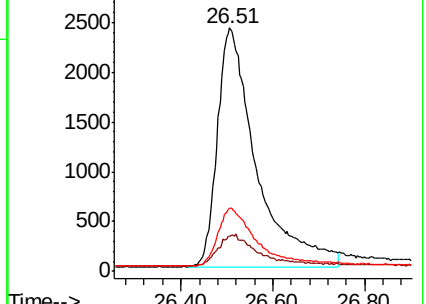
277 23.4 19.1 28.7



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: 23.86 min Scan# 2196

Delta R.T. -0.07 min

Lab File: BE099944.D

Acq: 12 Jun 2019 3:09

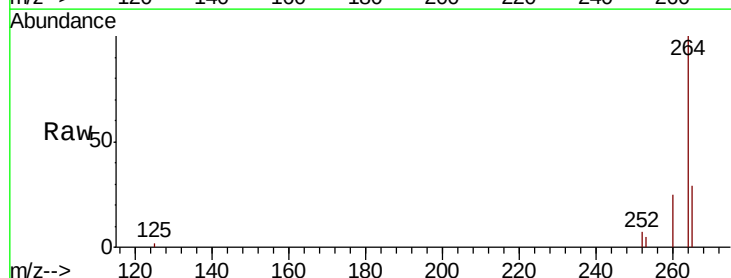
Tgt Ion:264 Resp: 10866

Ion Ratio Lower Upper

264 100

260 25.1 20.2 30.2

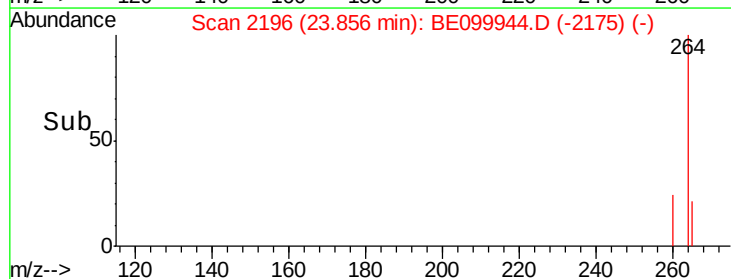
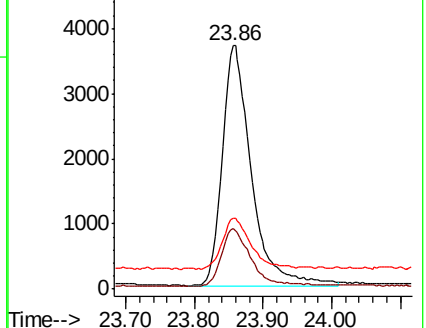
265 28.8 22.0 33.0

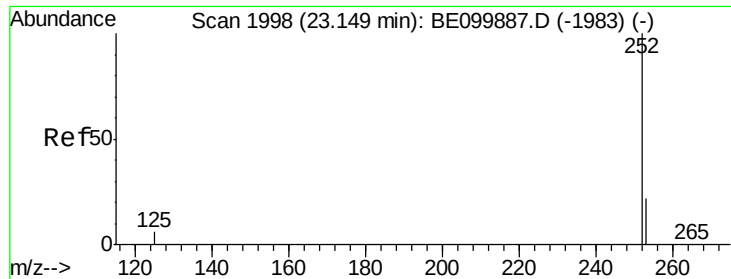


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

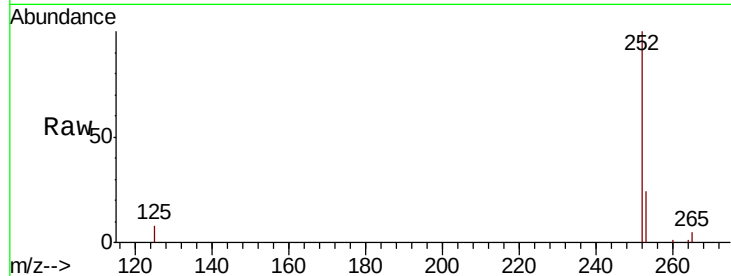




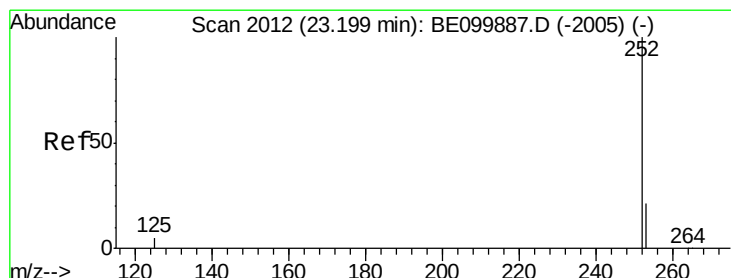
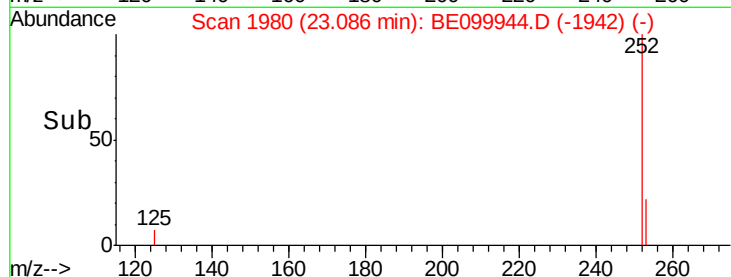
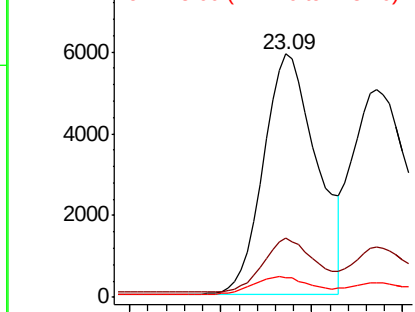
#35
Benzo(b)fluoranthene
Concen: 0.394 ng
RT: 23.09 min Scan# 1980
Delta R.T. -0.06 min
Lab File: BE099944.D
Acq: 12 Jun 2019 3:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 11993
Ion Ratio Lower Upper
252 100
253 24.1 18.7 28.1
125 8.2 5.7 8.5

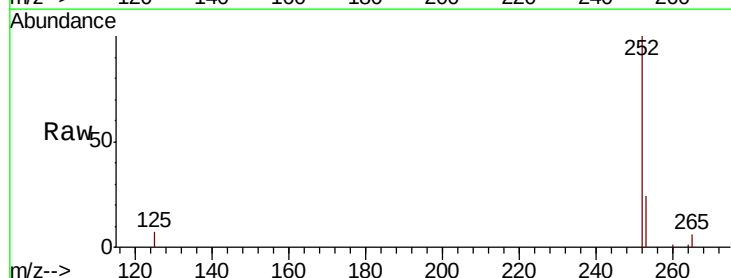


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

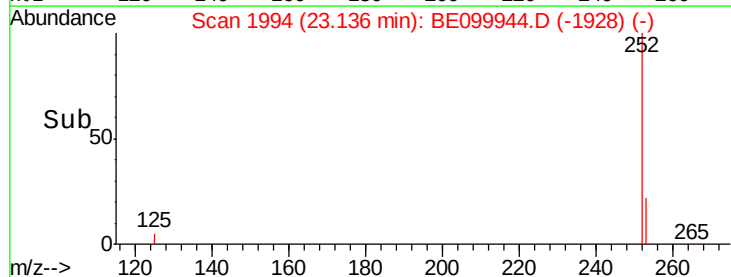
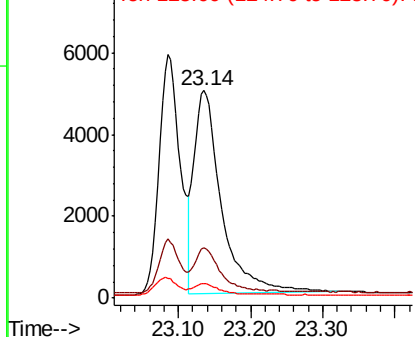


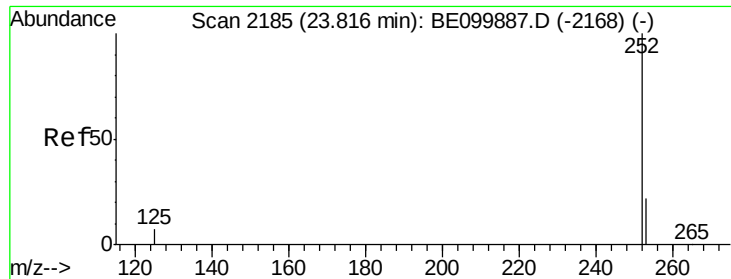
#36
Benzo(k)fluoranthene
Concen: 0.416 ng
RT: 23.14 min Scan# 1994
Delta R.T. -0.06 min
Lab File: BE099944.D
Acq: 12 Jun 2019 3:09

Tgt Ion:252 Resp: 13260
Ion Ratio Lower Upper
252 100
253 24.1 18.6 28.0
125 6.9 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

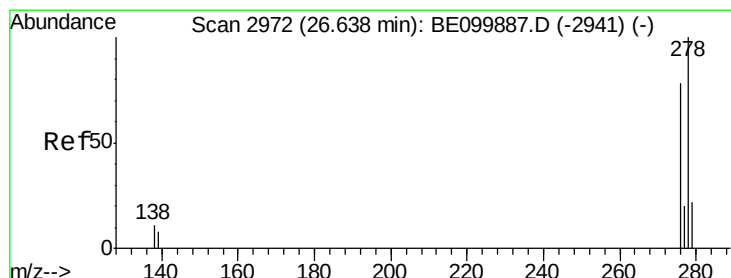
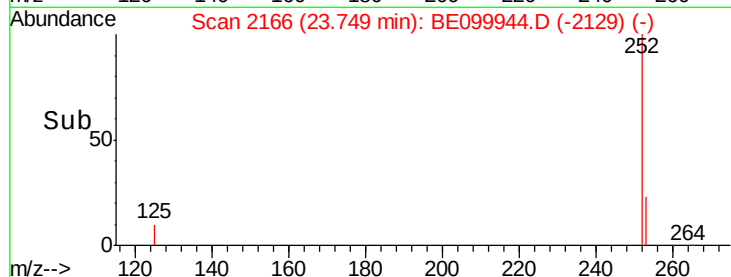
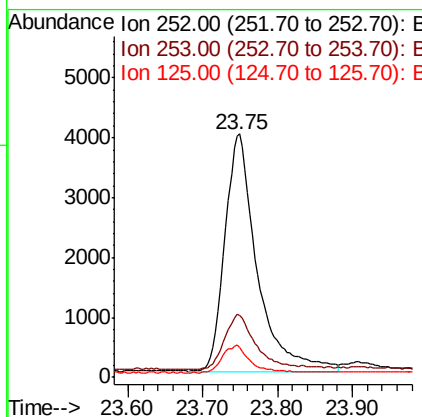
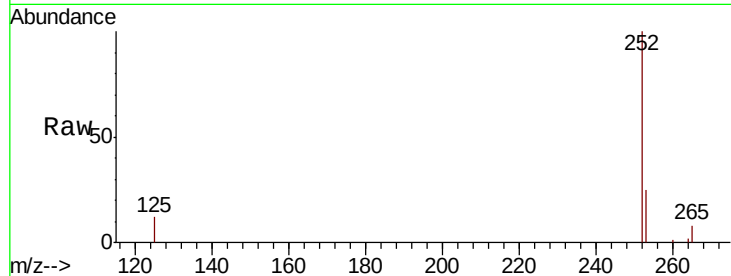




#37
Benzo(a)pyrene
Concen: 0.396 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.07 min
Lab File: BE099944.D
Acq: 12 Jun 2019 3:09

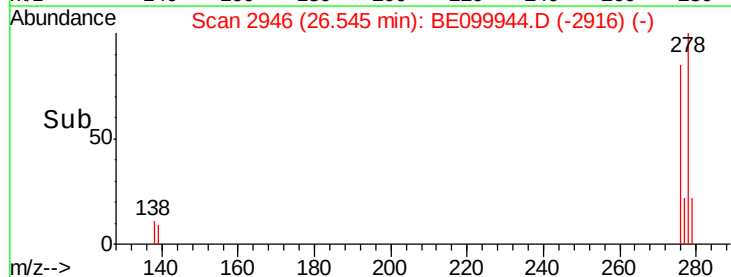
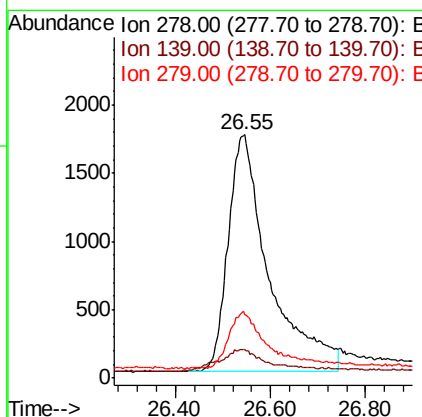
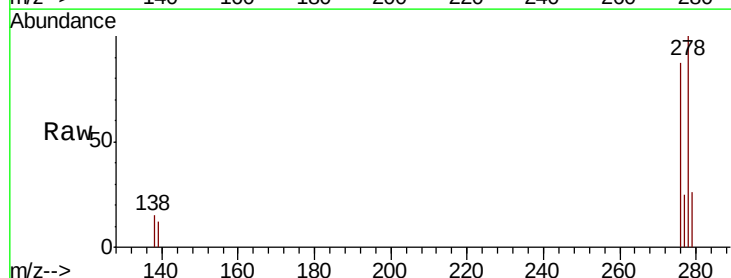
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

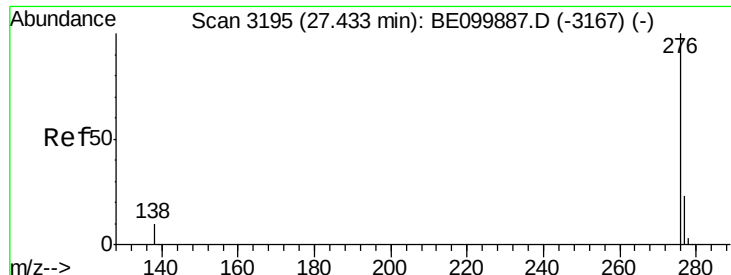
Tgt Ion: 252 Resp: 11864
Ion Ratio Lower Upper
252 100
253 25.4 19.6 29.4
125 12.0 6.6 10.0#



#38
Dibenzo(a,h)anthracene
Concen: 0.344 ng
RT: 26.55 min Scan# 2946
Delta R.T. -0.09 min
Lab File: BE099944.D
Acq: 12 Jun 2019 3:09

Tgt Ion: 278 Resp: 10395
Ion Ratio Lower Upper
278 100
139 12.0 7.8 11.8#
279 26.0 20.0 30.0





#39

Benzo(g,h,i)perylene

Concen: 0.391 ng

RT: 27.31 min Scan# 3161

Delta R.T. -0.12 min

Lab File: BE099944.D

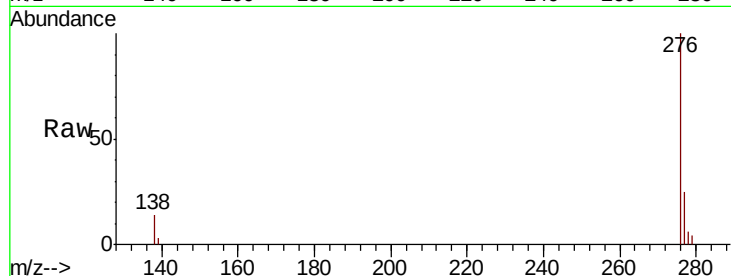
Acq: 12 Jun 2019 3:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 12205

Ion Ratio Lower Upper

276 100

277 25.2 19.5 29.3

138 14.1 9.5 14.3

