

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099960.D
 Acq On : 12 Jun 2019 17:25
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 13 04:09:59 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	7.79	152	817	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2938	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2159	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6306	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8213	0.40	ng	0.00
34) Perylene-d12	23.93	264	9192	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	772	0.35	ng	0.01
5) Phenol-d6	6.97	99	967	0.34	ng	0.00
8) Nitrobenzene-d5	8.96	82	1054	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2115	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	418	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3414	0.42	ng	0.00
25) Fluoranthene-d10	19.25	212	34496	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	6459	0.44	ng	0.00

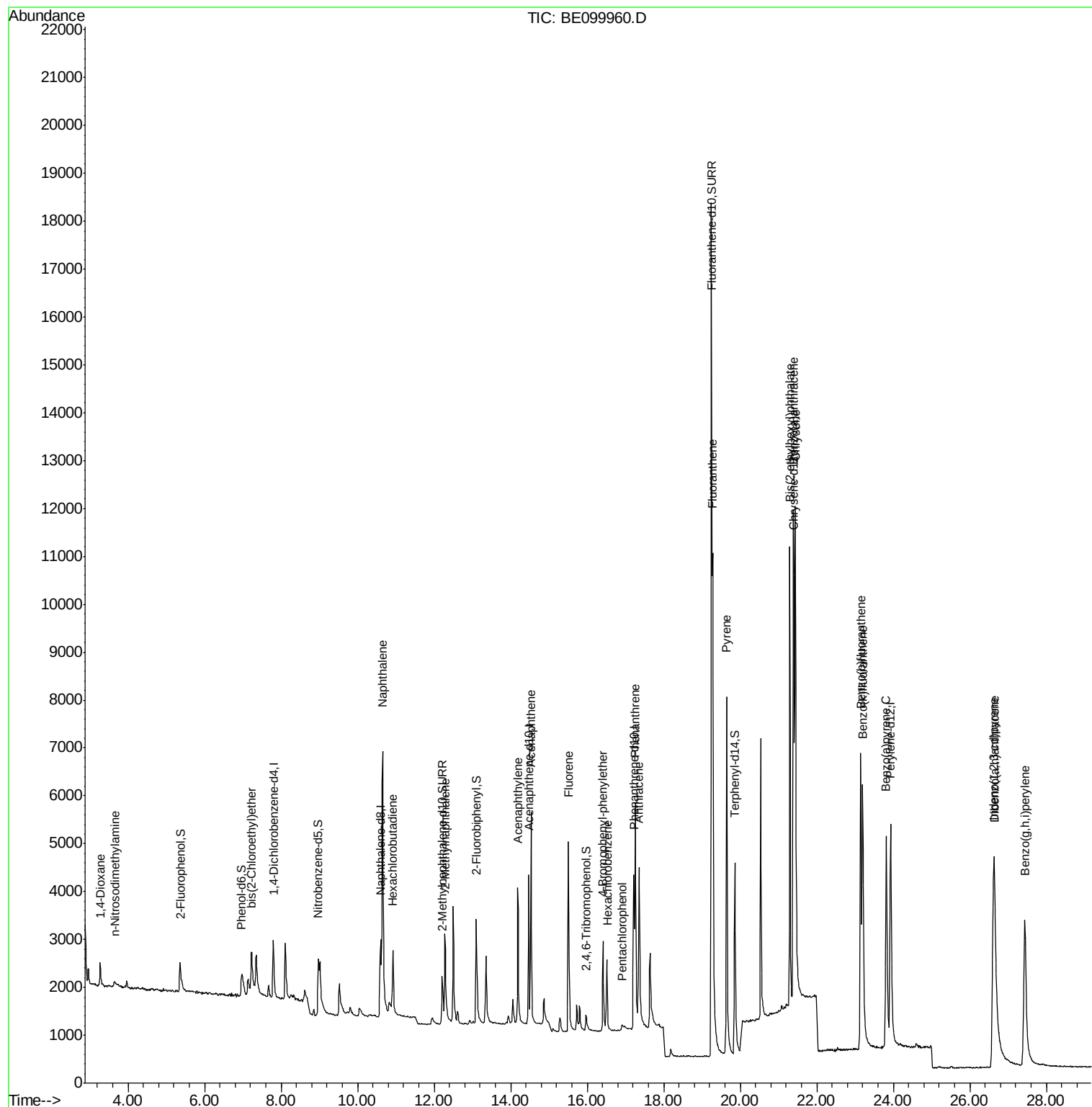
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	440	0.364	ng	# 94
3) n-Nitrosodimethylamine	3.65	42	103	0.148	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	896	0.386	ng	# 74
9) Naphthalene	10.65	128	13246	0.418	ng	99
10) Hexachlorobutadiene	10.91	225	1141	0.472	ng	97
12) 2-Methylnaphthalene	12.28	142	2029	0.394	ng	99
16) Acenaphthylene	14.18	152	4270	0.398	ng	98
17) Acenaphthene	14.53	154	2303	0.394	ng	98
18) Fluorene	15.51	166	3411	0.388	ng	97
20) 4-Bromophenyl-phenylether	16.41	248	1542	0.432	ng	98
21) Hexachlorobenzene	16.52	284	1542	0.422	ng	96
22) Pentachlorophenol	16.91	266	252	0.443	ng	98
23) Phenanthrene	17.26	178	6134	0.401	ng	99
24) Anthracene	17.35	178	4995	0.356	ng	97
26) Fluoranthene	19.28	202	9898	0.381	ng	99
28) Pyrene	19.64	202	10154	0.471	ng	100
30) Benzo(a)anthracene	21.39	228	10092	0.411	ng	98
31) Chrysene	21.44	228	11777	0.464	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	12516	0.355	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	12085	0.402	ng	98
35) Benzo(b)fluoranthene	23.15	252	10275	0.399	ng	98
36) Benzo(k)fluoranthene	23.20	252	11468	0.426	ng	99
37) Benzo(a)pyrene	23.82	252	10302	0.406	ng	98
38) Dibenzo(a,h)anthracene	26.65	278	9208	0.360	ng	# 96
39) Benzo(g,h,i)perylene	27.43	276	10861	0.411	ng	97

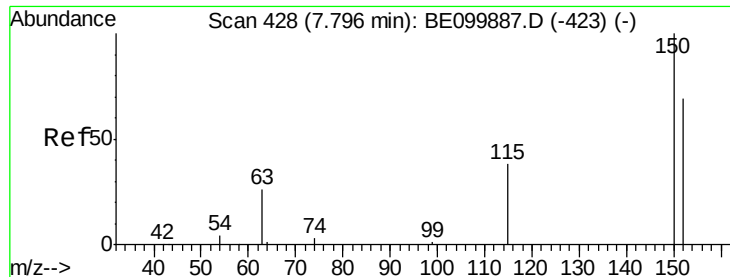
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 10 14:57:20 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

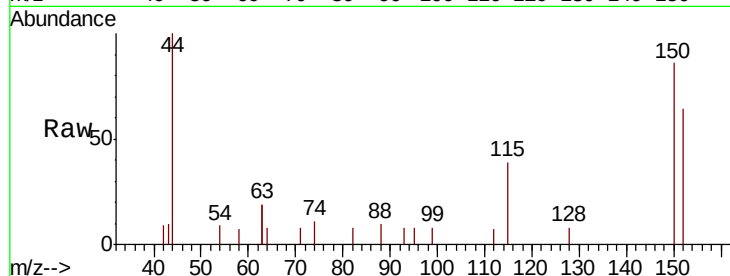
Tgt Ion: 152 Resp: 817

Ion Ratio Lower Upper

152 100

150 134.3 111.0 166.6

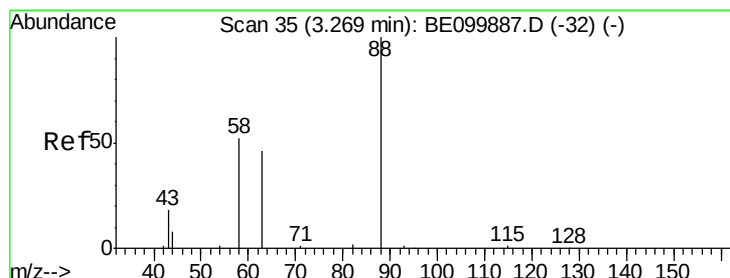
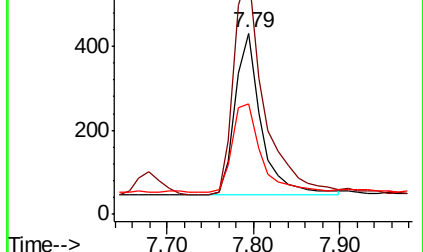
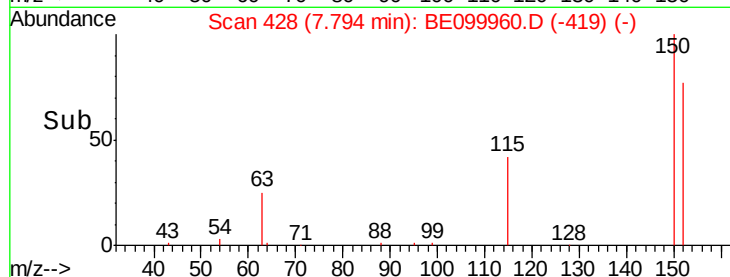
115 60.8 50.7 76.1



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: 0.364 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

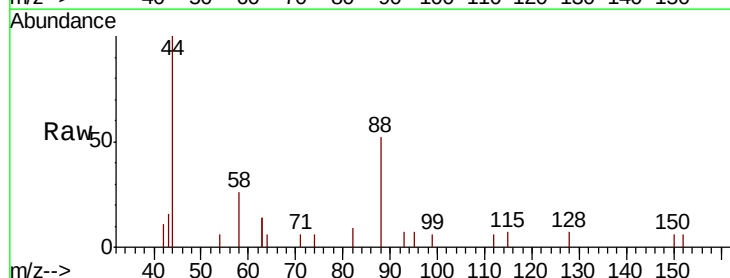
Tgt Ion: 88 Resp: 440

Ion Ratio Lower Upper

88 100

58 63.2 48.8 73.2

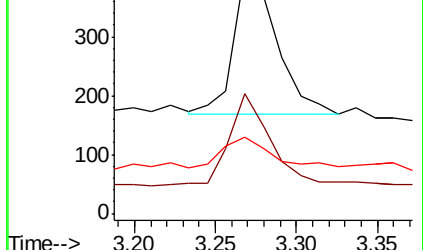
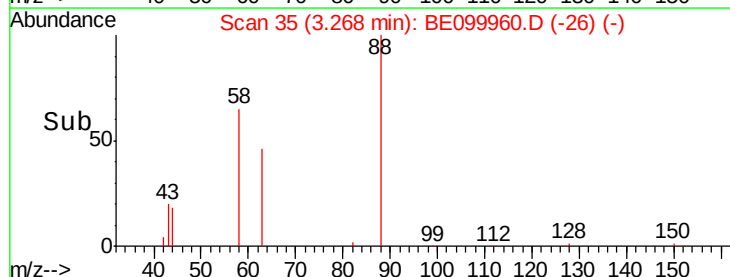
43 30.2 19.0 28.6#

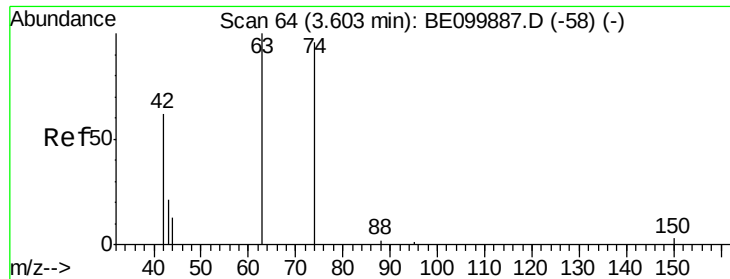


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.148 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.04 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

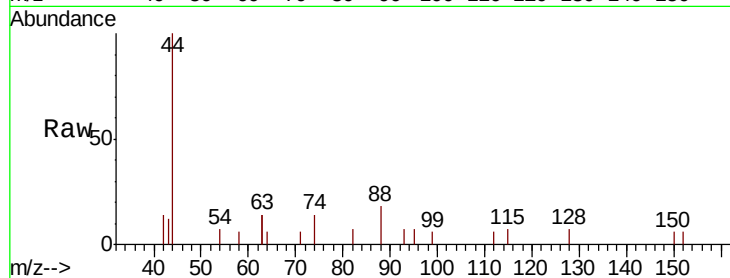
Tgt Ion: 42 Resp: 103

Ion Ratio Lower Upper

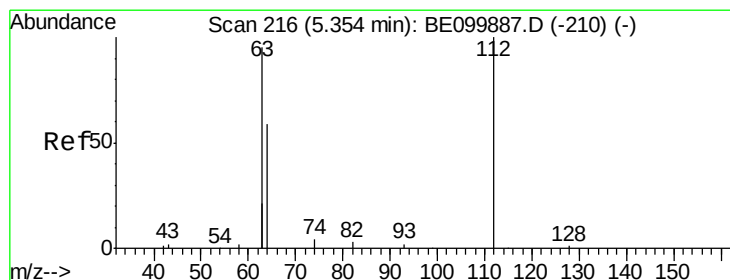
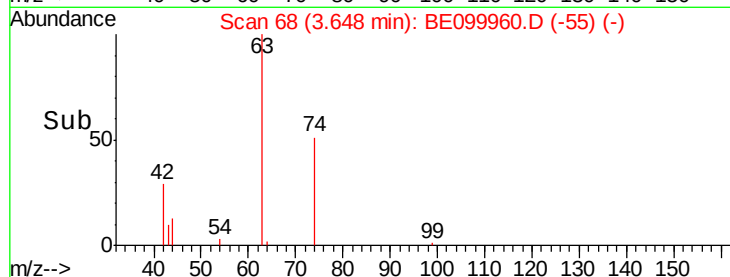
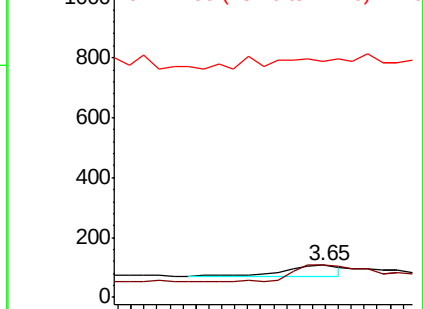
42 100

74 153.4 0.0 0.0#

44 53.4 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: 0.350 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

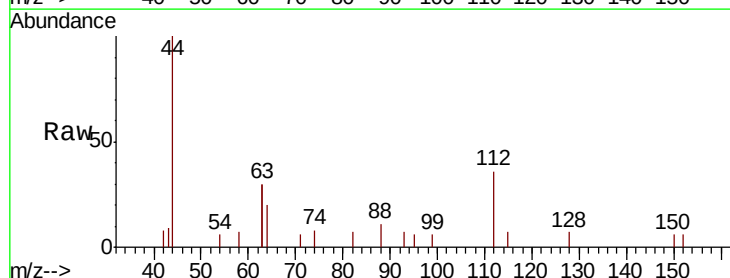
Tgt Ion: 112 Resp: 772

Ion Ratio Lower Upper

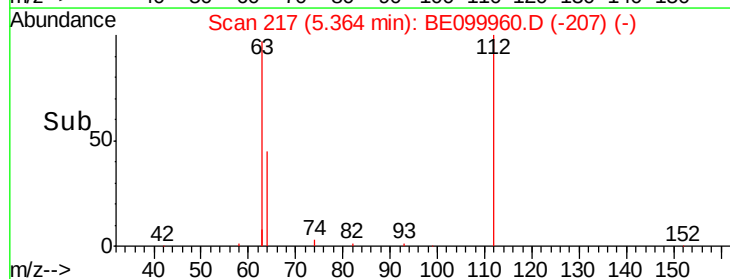
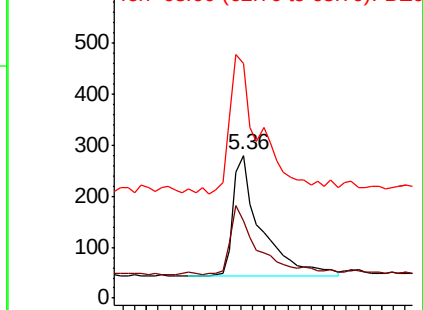
112 100

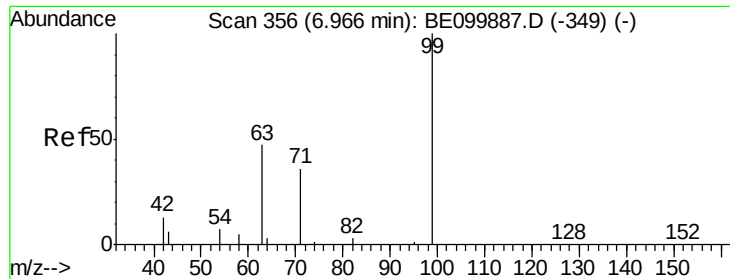
64 57.0 44.1 66.1

63 124.6 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: 0.340 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

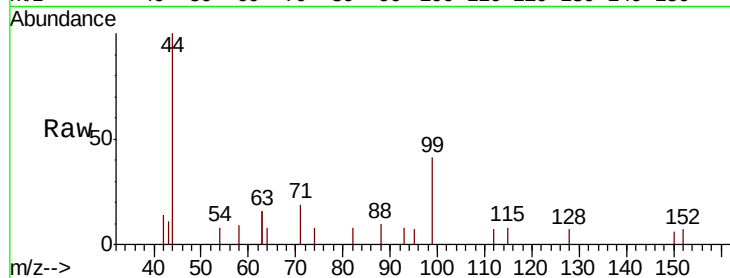
Tgt Ion: 99 Resp: 967

Ion Ratio Lower Upper

99 100

42 12.4 15.9 23.9#

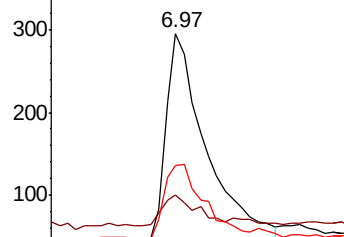
71 37.0 34.6 52.0



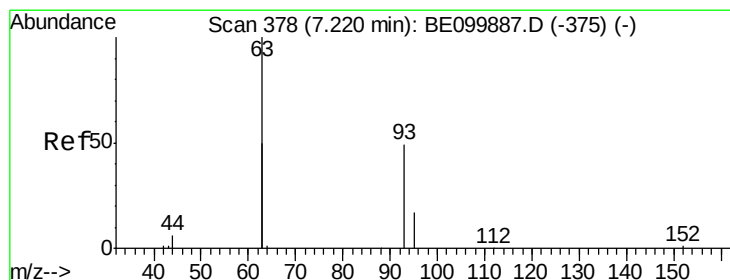
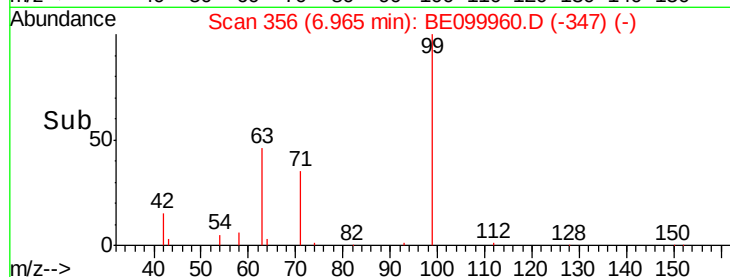
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.386 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

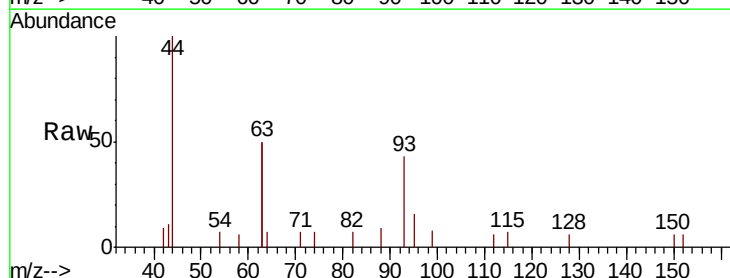
Tgt Ion: 93 Resp: 896

Ion Ratio Lower Upper

93 100

63 202.3 202.8 304.2#

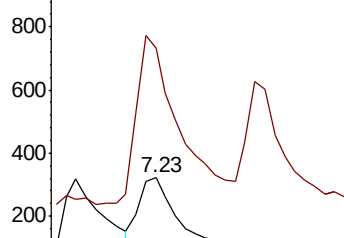
95 31.6 23.7 35.5



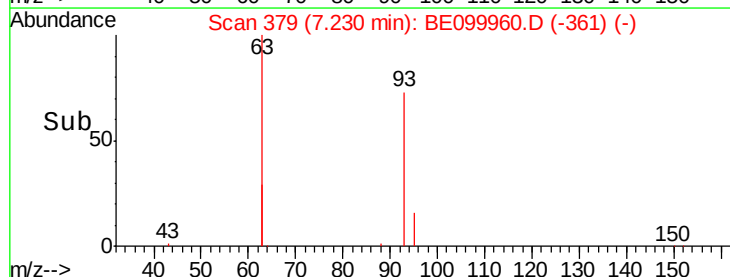
Abundance Ion 93.00 (92.70 to 93.70): BE0

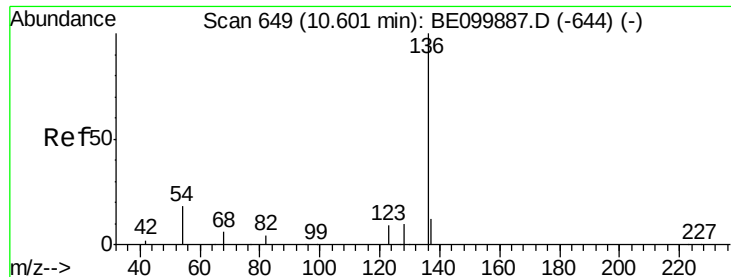
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 2938

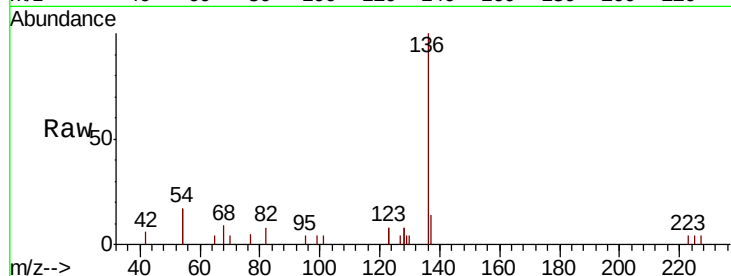
Ion Ratio Lower Upper

136 100

137 13.9 12.3 18.5

54 33.1 28.2 42.4

68 8.9 7.8 11.8

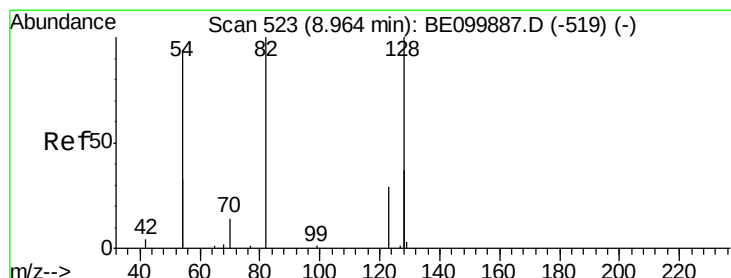
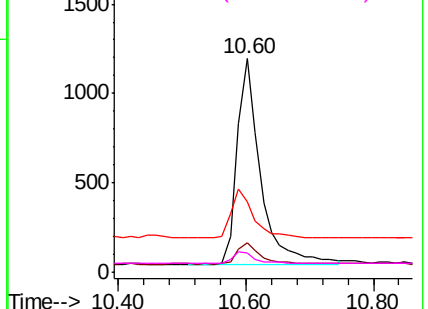
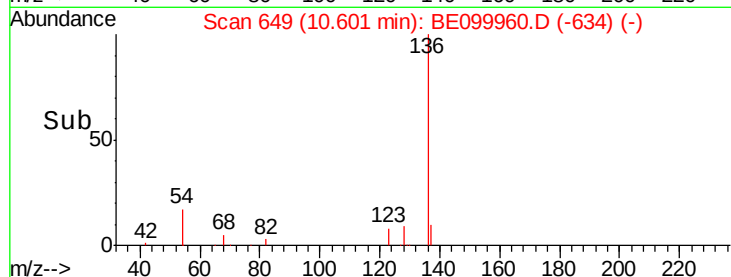


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.379 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

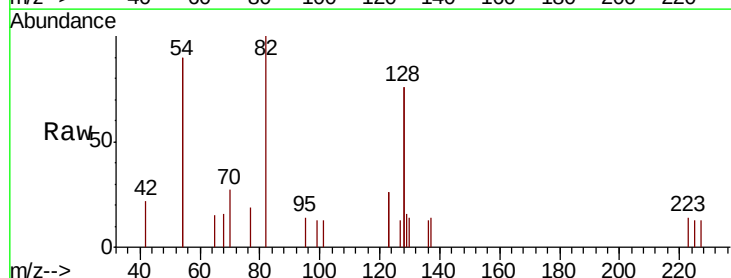
Tgt Ion: 82 Resp: 1054

Ion Ratio Lower Upper

82 100

128 151.2 137.3 205.9

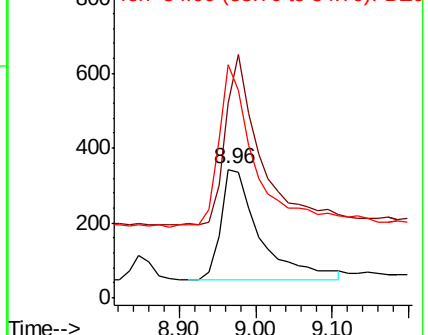
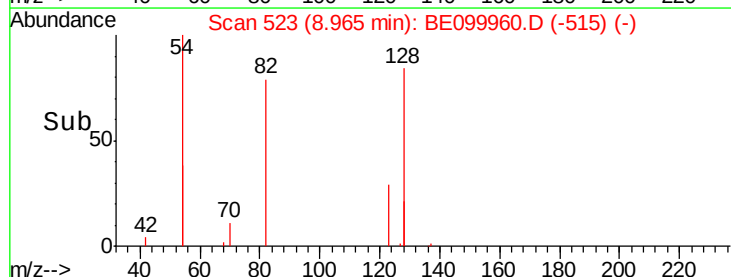
54 180.8 129.7 194.5

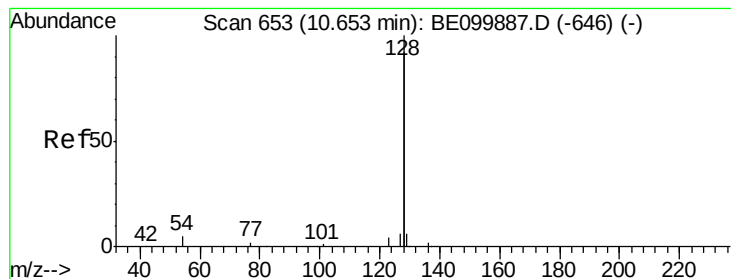


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.418 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

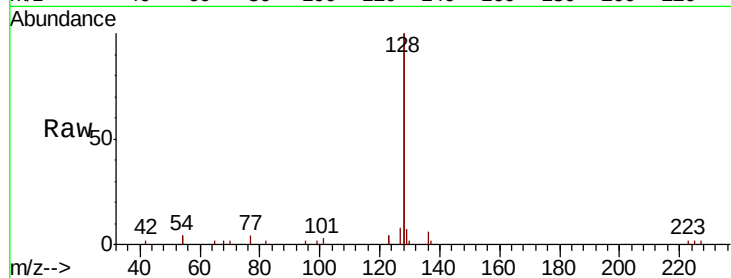
Tgt Ion:128 Resp: 13246

Ion Ratio Lower Upper

128 100

129 3.6 3.0 4.6

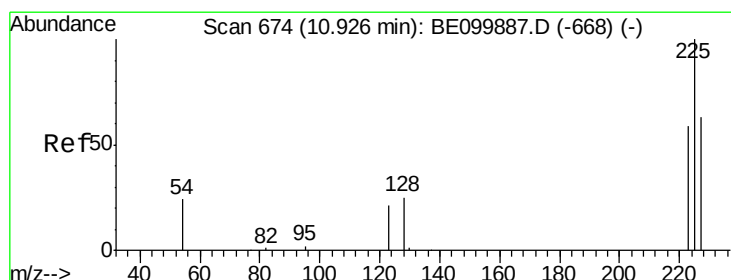
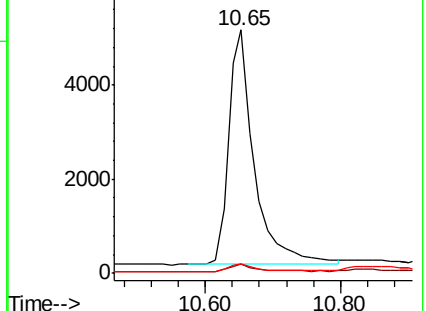
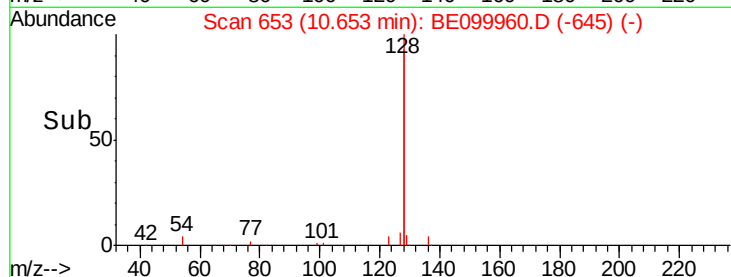
127 4.0 3.4 5.0



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: 0.472 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.01 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

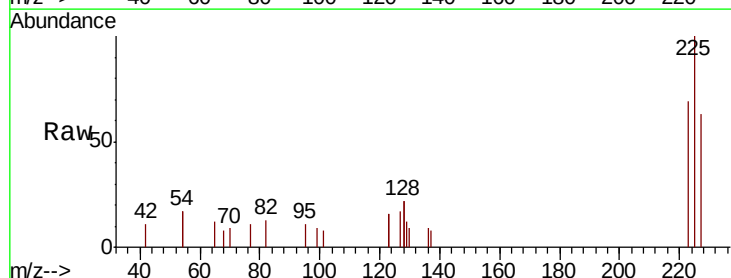
Tgt Ion:225 Resp: 1141

Ion Ratio Lower Upper

225 100

223 60.9 51.6 77.4

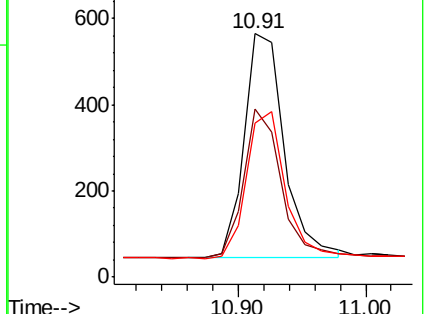
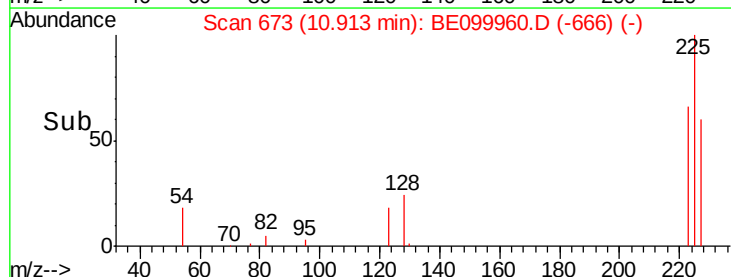
227 62.9 50.6 76.0

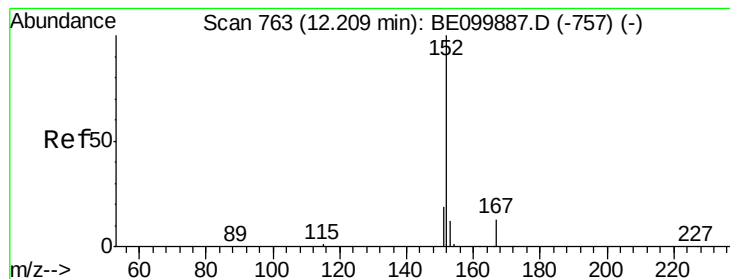


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.413 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

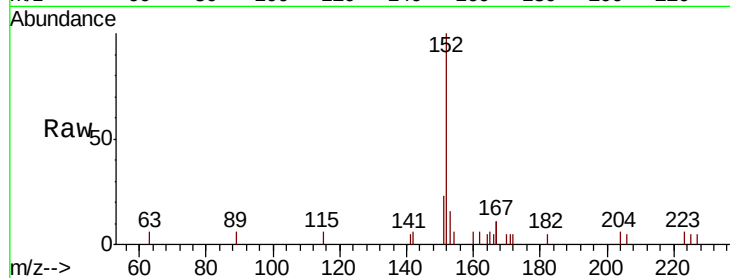
SSTDCCC0.4

Tgt Ion:152 Resp: 2115

Ion Ratio Lower Upper

152 100

151 19.0 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

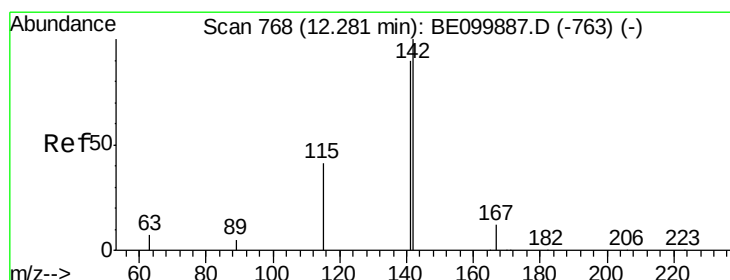
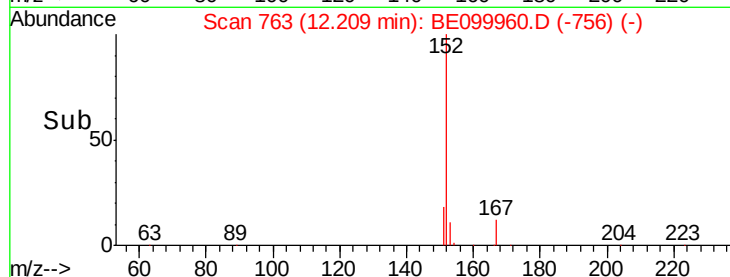
200

0

12.20

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.394 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

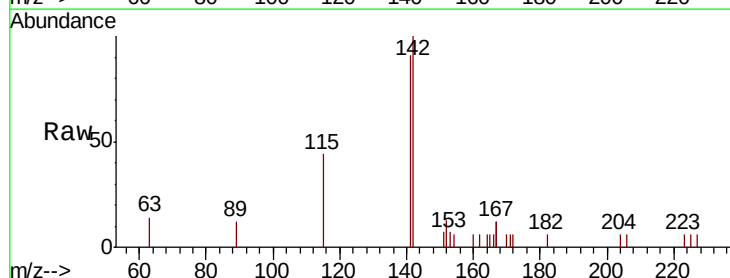
Tgt Ion:142 Resp: 2029

Ion Ratio Lower Upper

142 100

141 90.9 72.3 108.5

115 44.4 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

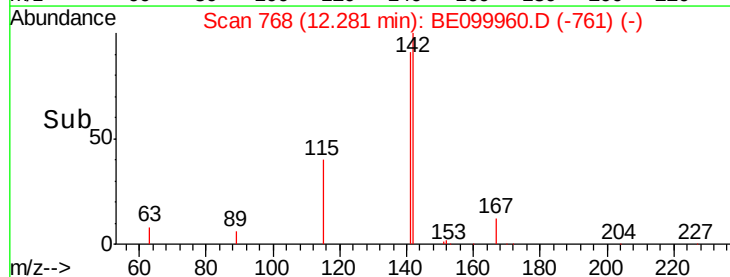
200

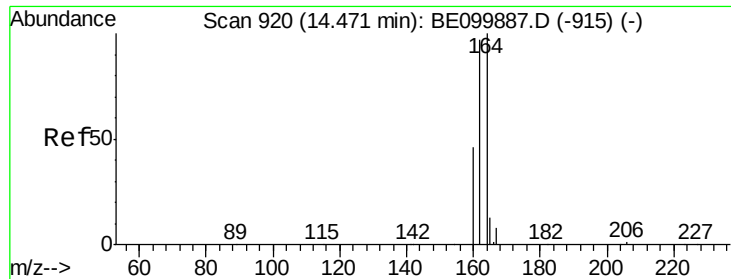
0

12.20

12.30

Time-->

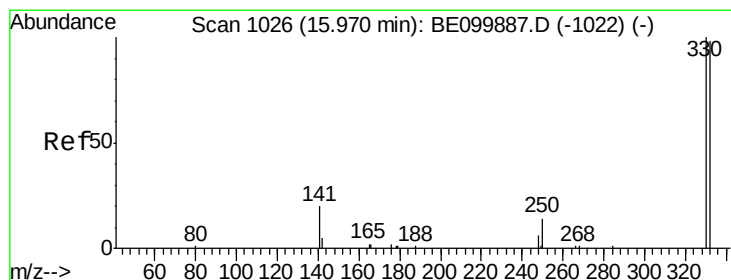
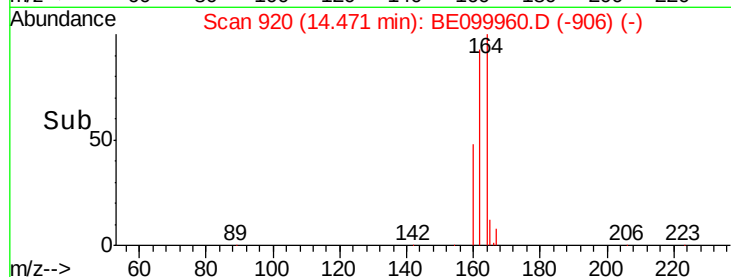
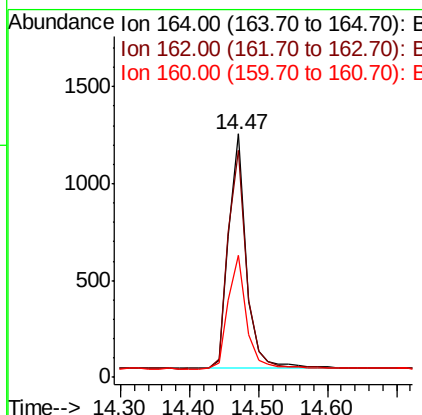
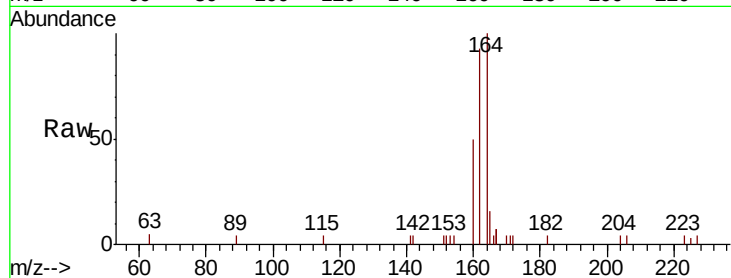




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE099960.D
 Acq: 12 Jun 2019 17:25

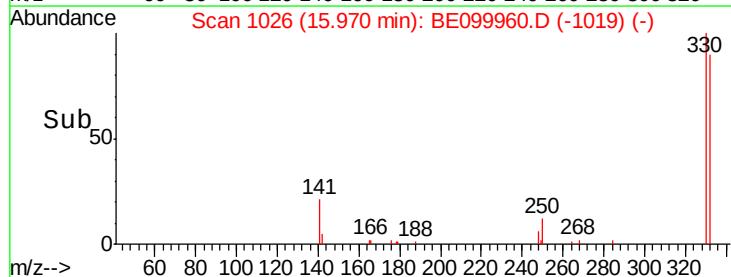
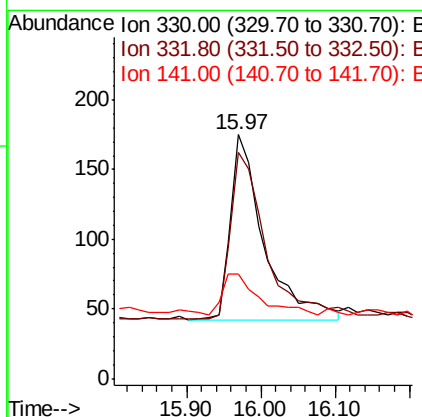
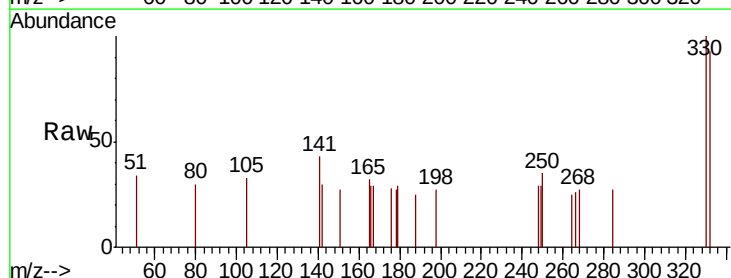
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

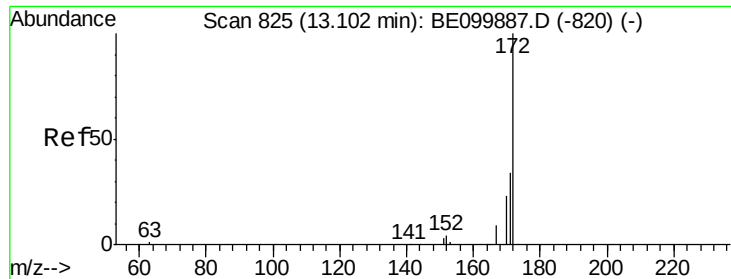
Tgt Ion:164 Resp: 2159
 Ion Ratio Lower Upper
 164 100
 162 93.2 77.8 116.8
 160 49.9 38.2 57.4



#14
 2,4,6-Tribromophenol
 Concen: 0.262 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE099960.D
 Acq: 12 Jun 2019 17:25

Tgt Ion:330 Resp: 418
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.7 115.1
 141 23.2 21.0 31.6

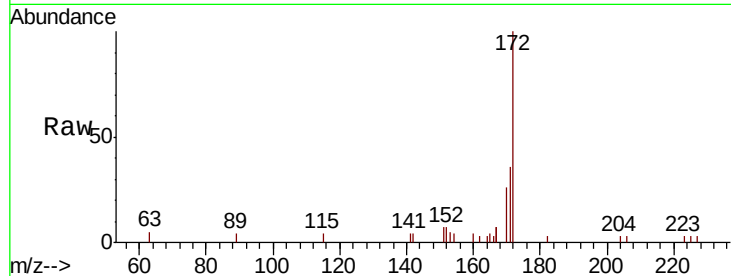




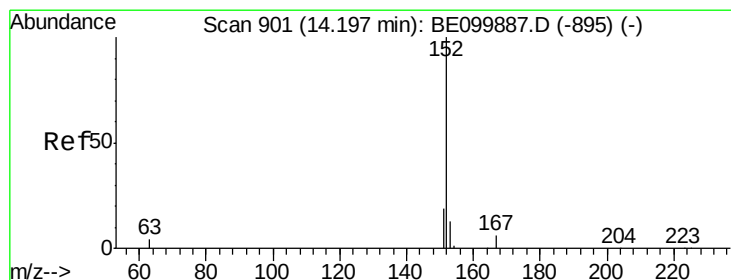
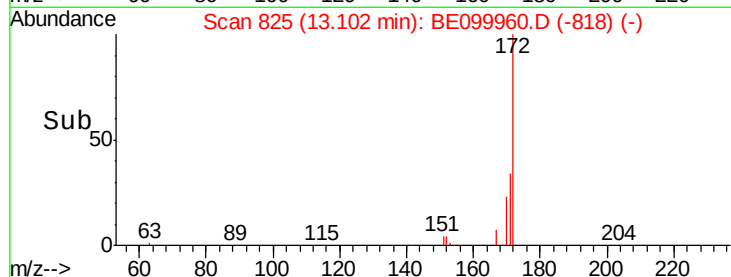
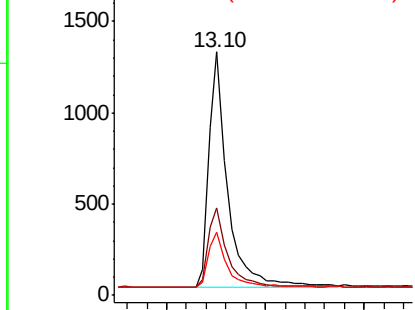
#15
2-Fluorobiphenyl
Concen: 0.417 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 3414
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 26.0 21.2 31.8

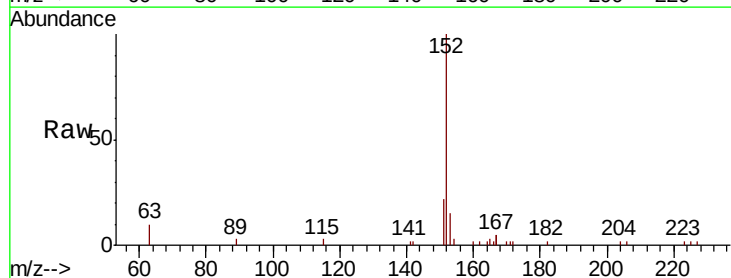


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

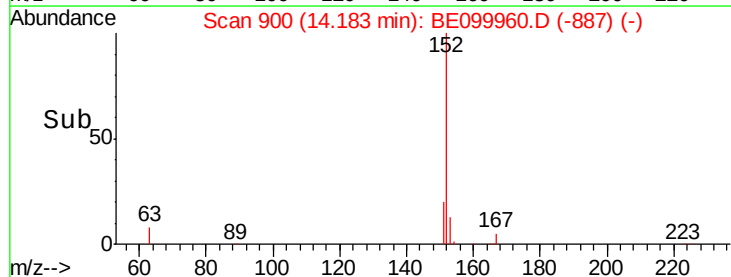
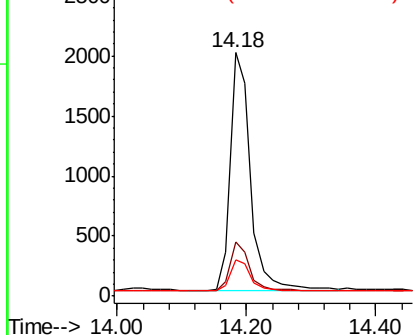


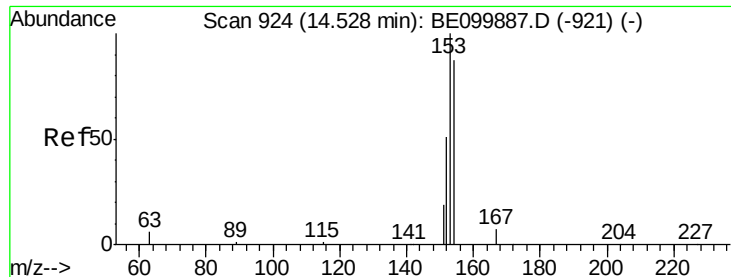
#16
Acenaphthylene
Concen: 0.398 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion:152 Resp: 4270
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 13.6 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: 0.394 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

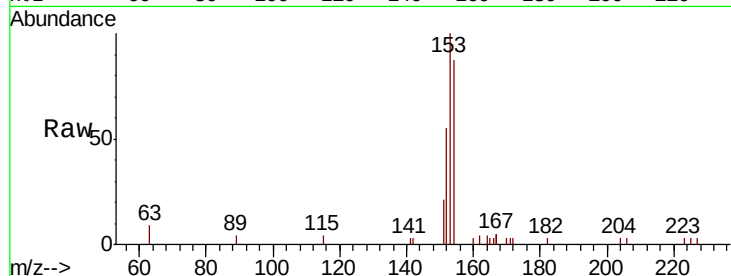
Tgt Ion:154 Resp: 2303

Ion Ratio Lower Upper

154 100

153 116.2 93.1 139.7

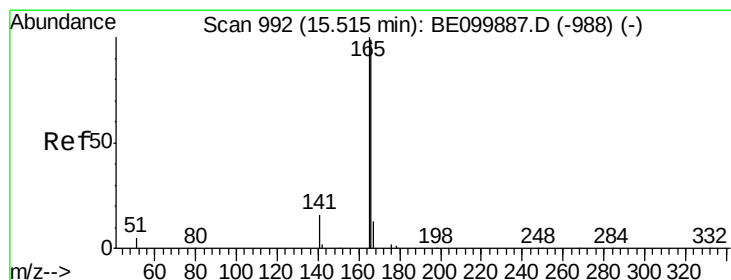
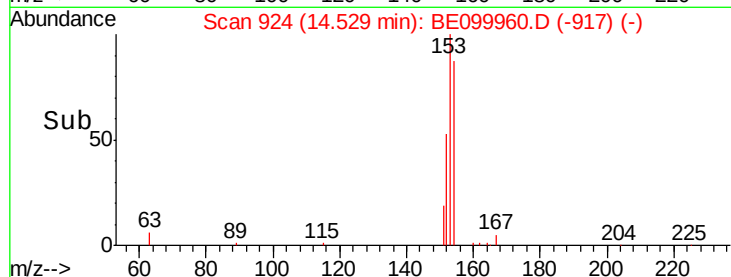
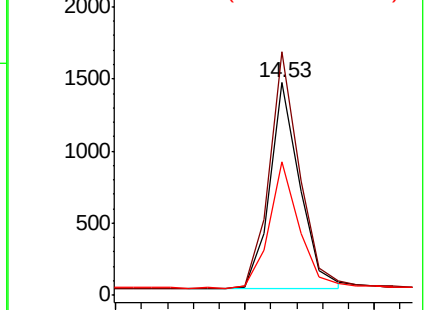
152 61.9 47.0 70.4



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: 0.388 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

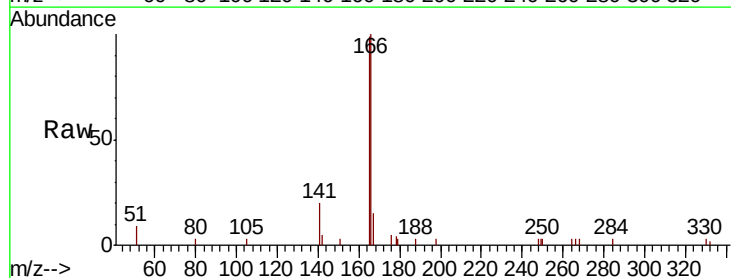
Tgt Ion:166 Resp: 3411

Ion Ratio Lower Upper

166 100

165 99.4 81.8 122.8

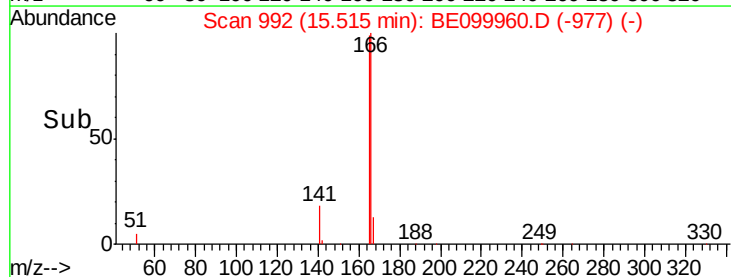
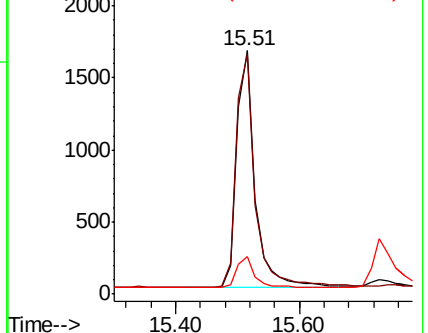
167 12.6 11.2 16.8

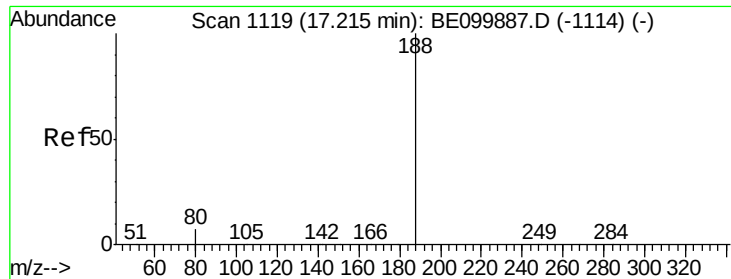


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099960.D

Acq: 12 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

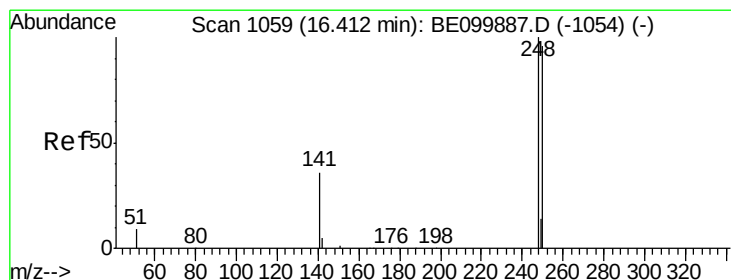
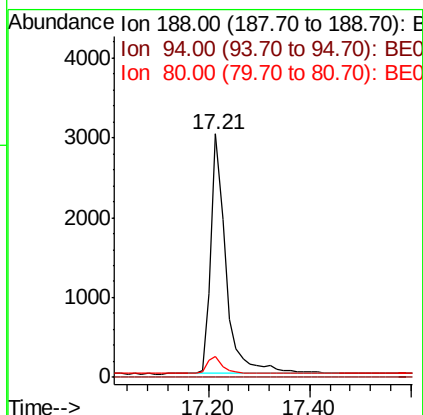
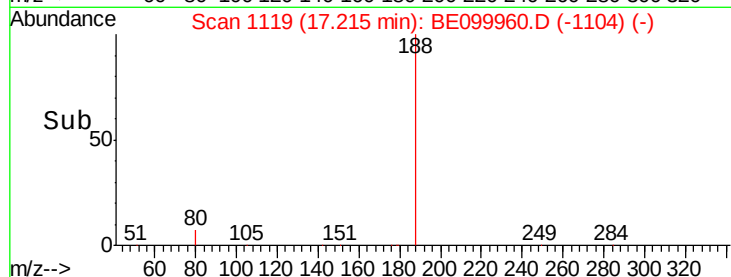
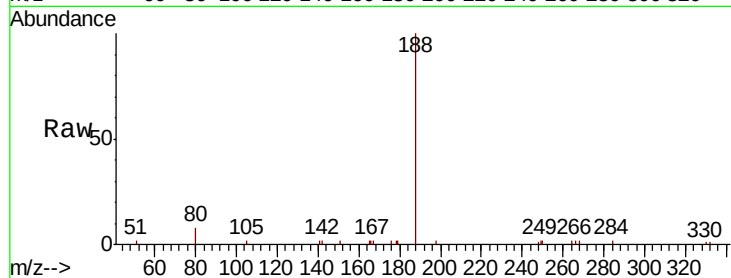
Tgt Ion:188 Resp: 6306

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 6.4 9.6



#20

4-Bromophenyl-phenylether

Concen: 0.432 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

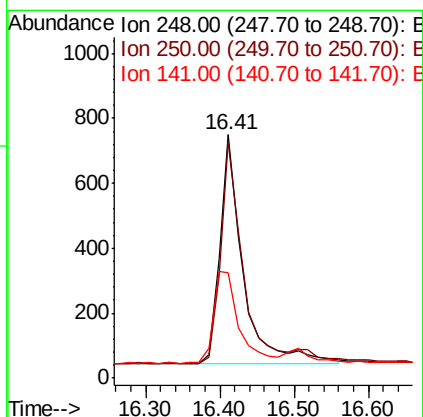
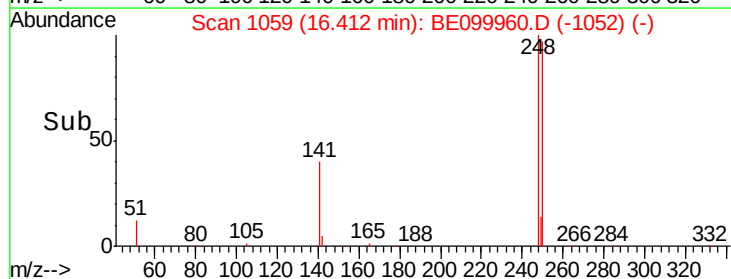
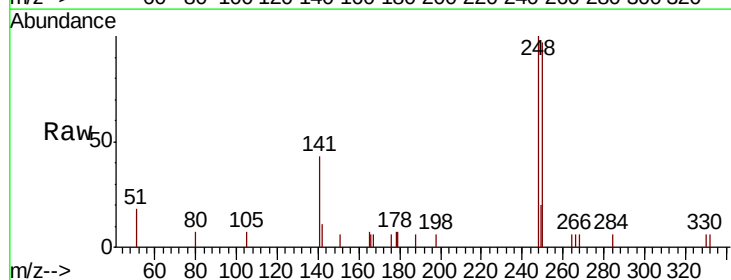
Tgt Ion:248 Resp: 1542

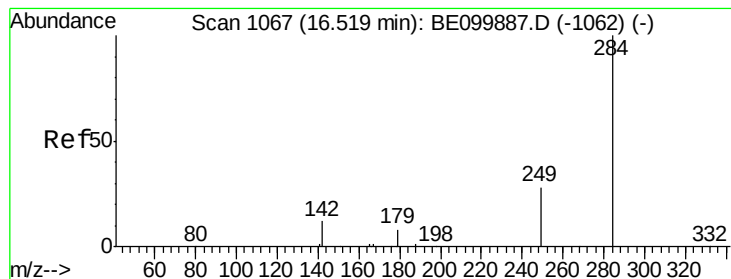
Ion Ratio Lower Upper

248 100

250 97.1 77.5 116.3

141 43.3 31.8 47.8





#21

Hexachlorobenzene

Concen: 0.422 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

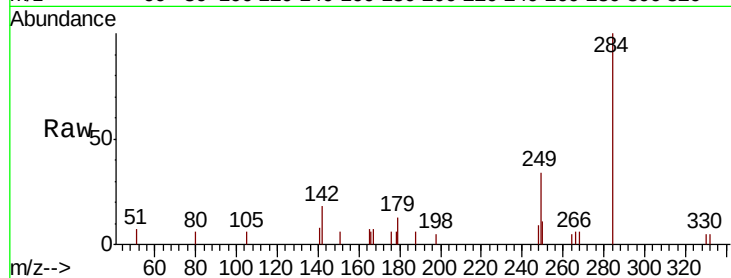
Tgt Ion:284 Resp: 1542

Ion Ratio Lower Upper

284 100

142 24.0 18.2 27.4

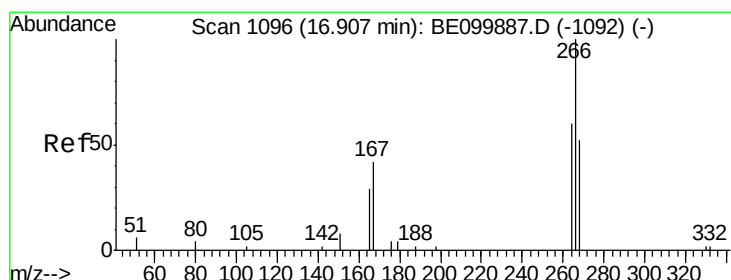
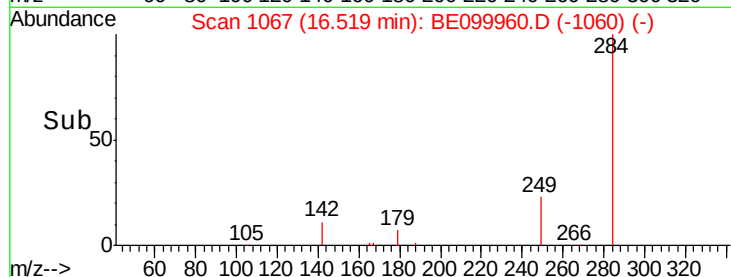
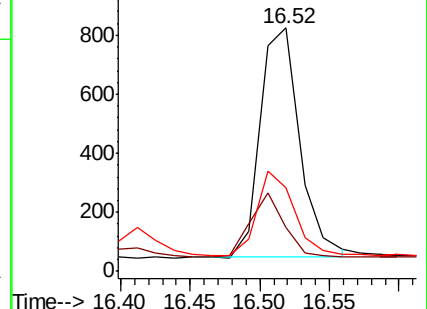
249 34.0 24.6 37.0



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: 0.443 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

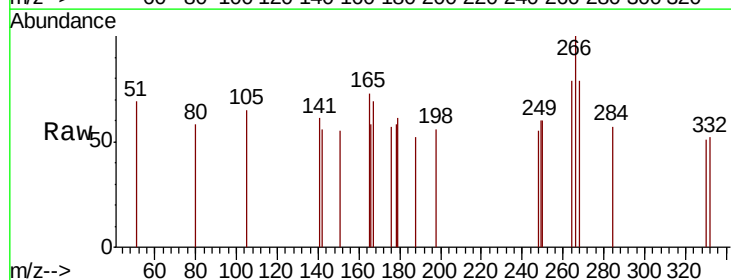
Tgt Ion:266 Resp: 252

Ion Ratio Lower Upper

266 100

264 78.6 62.2 93.2

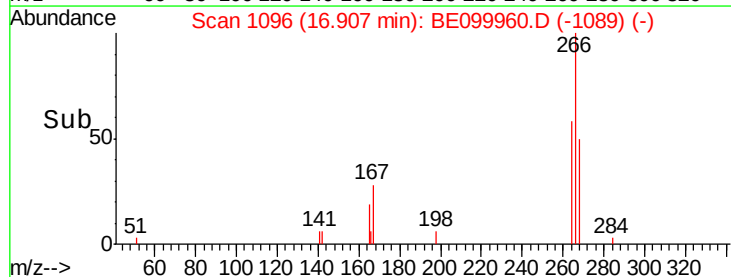
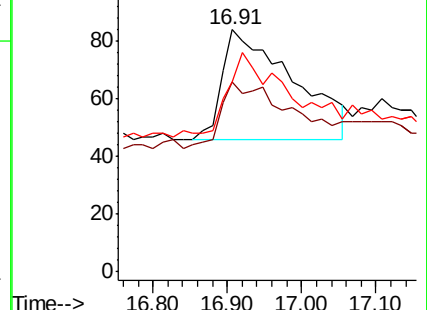
268 78.6 65.5 98.3

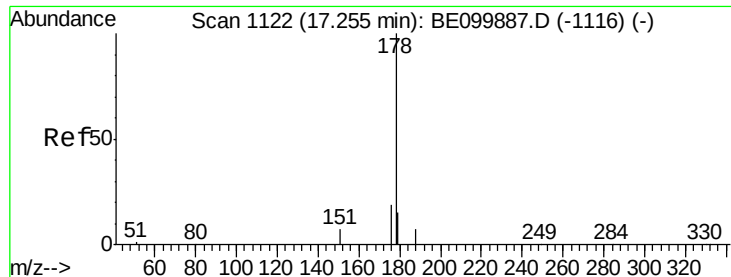


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.401 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

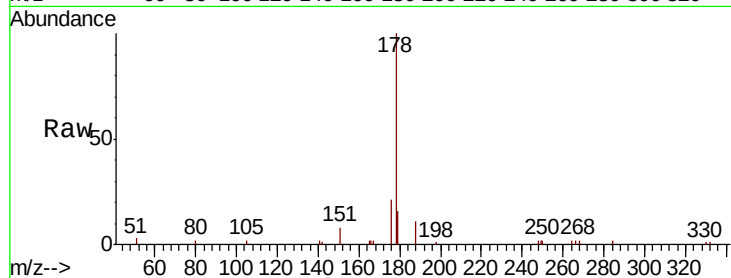
Tgt Ion:178 Resp: 6134

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

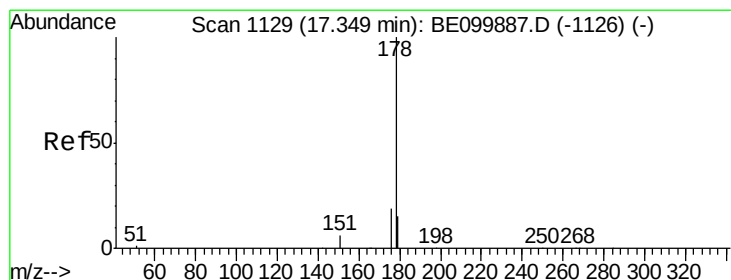
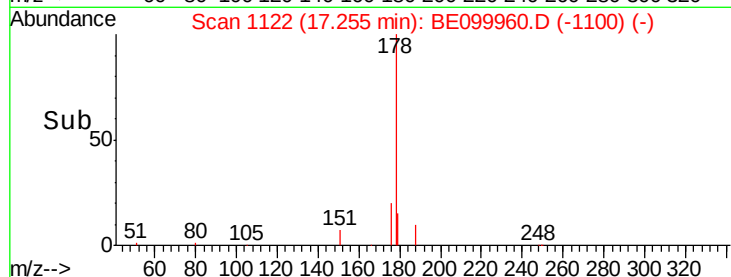
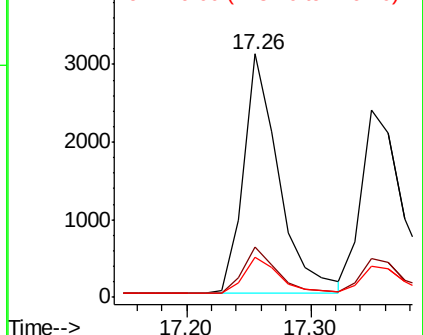
179 15.4 12.4 18.6



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: 0.356 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

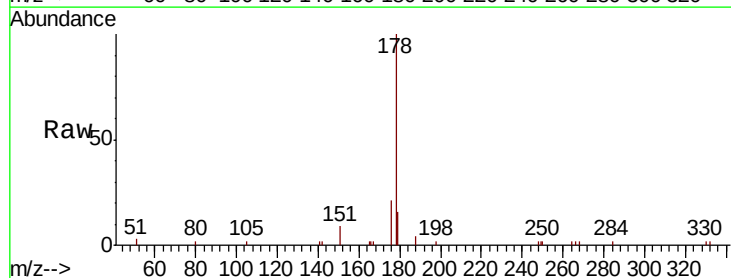
Tgt Ion:178 Resp: 4995

Ion Ratio Lower Upper

178 100

176 19.7 14.6 22.0

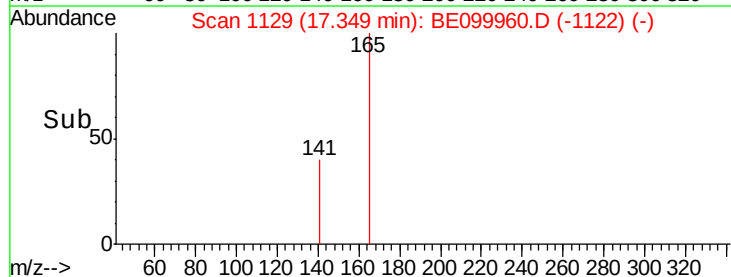
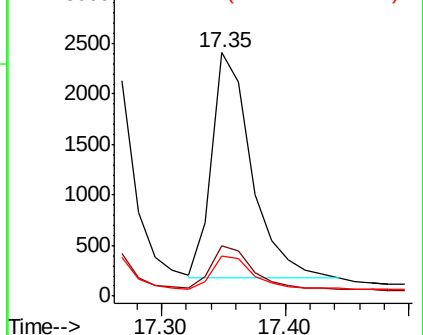
179 14.5 12.3 18.5

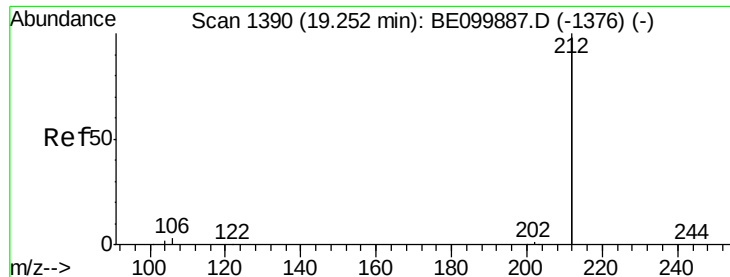


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

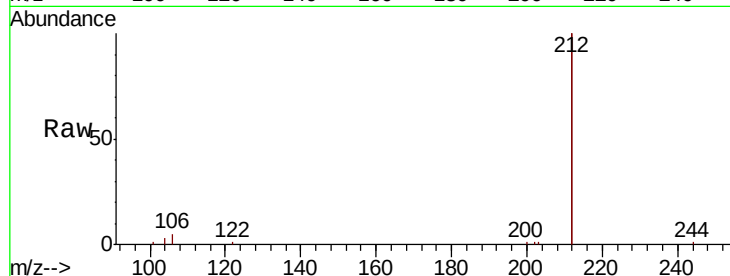
Tgt Ion:212 Resp: 34496

Ion Ratio Lower Upper

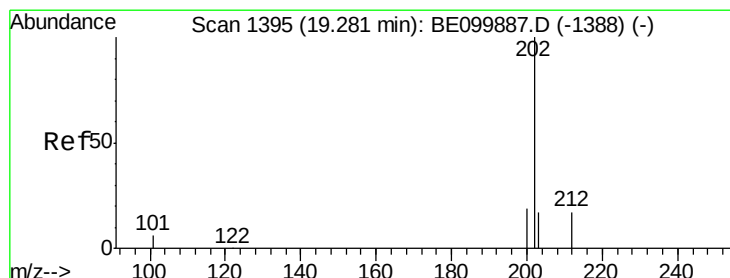
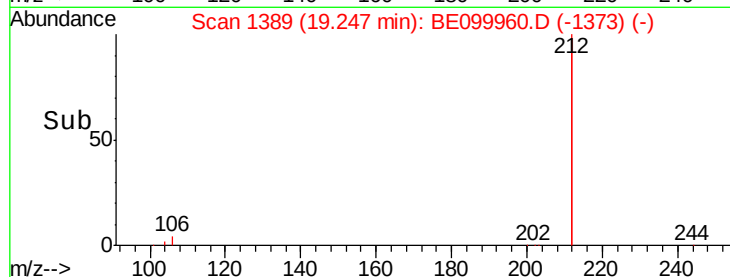
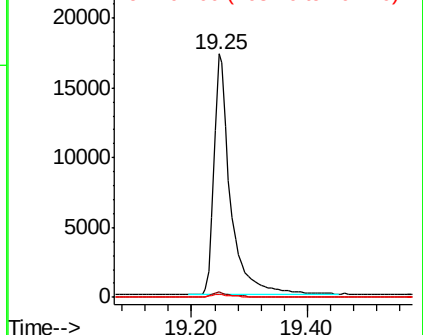
212 100

106 1.8 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: 0.381 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

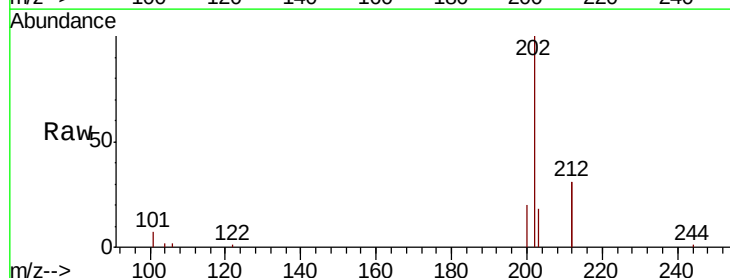
Tgt Ion:202 Resp: 9898

Ion Ratio Lower Upper

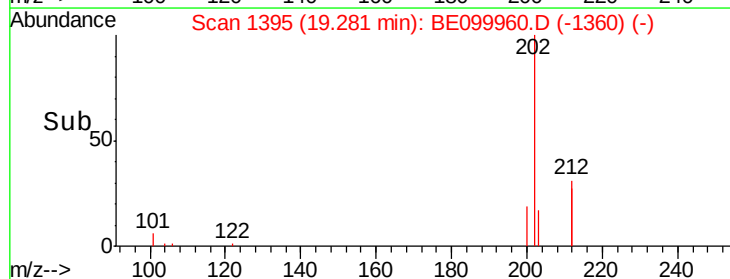
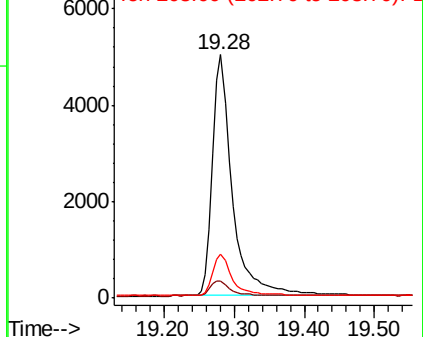
202 100

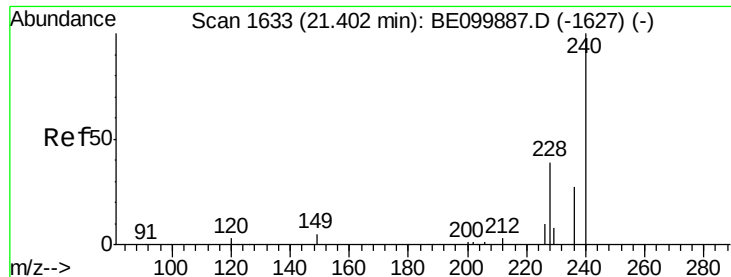
101 6.7 5.4 8.0

203 16.9 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

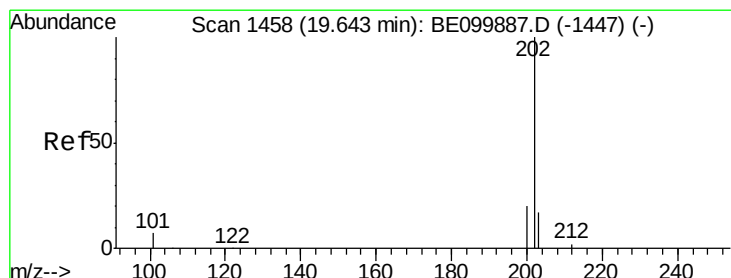
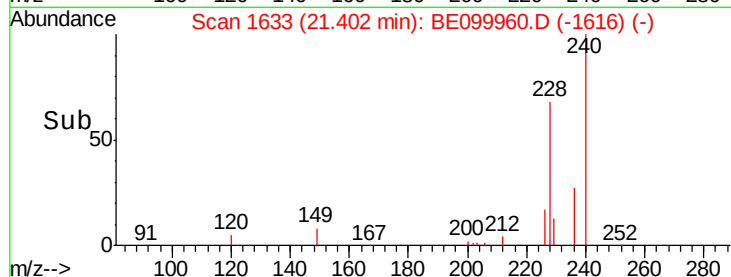
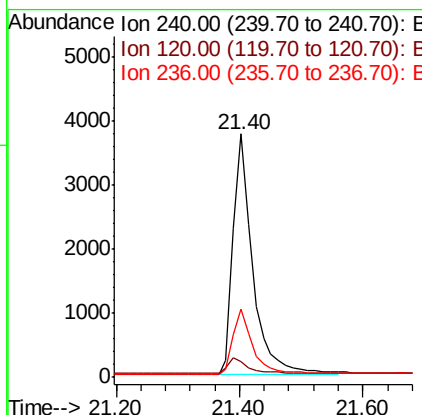
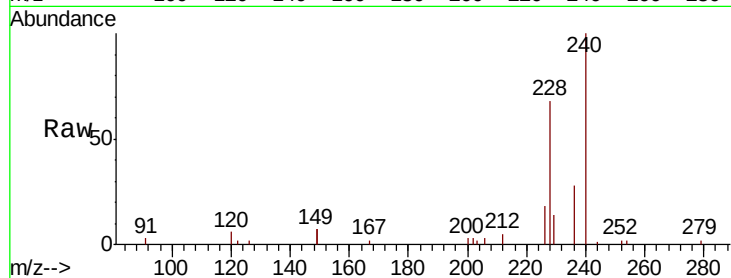




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099960.D
 Acq: 12 Jun 2019 17:25

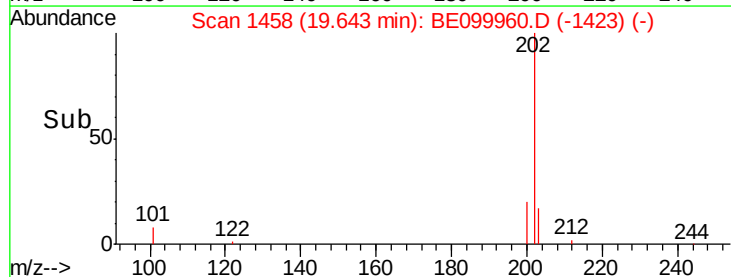
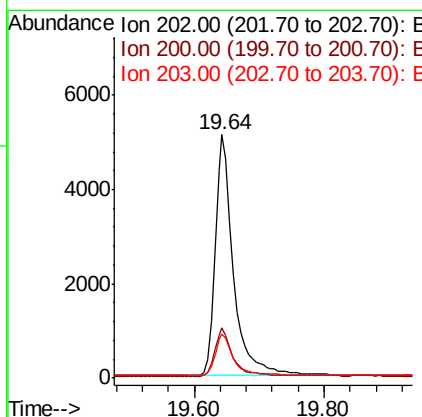
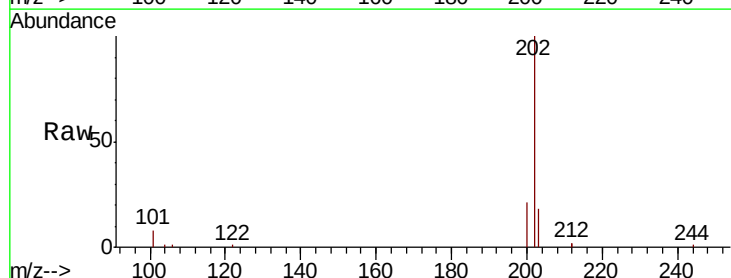
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

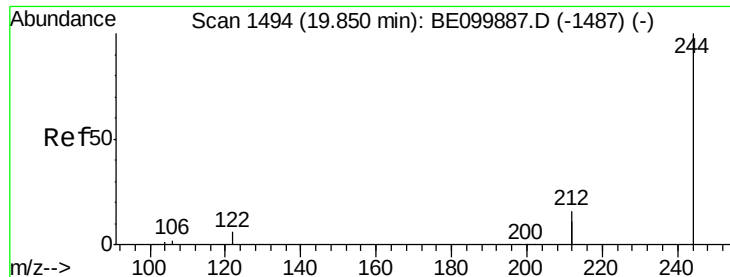
Tgt Ion:240 Resp: 8213
 Ion Ratio Lower Upper
 240 100
 120 6.3 3.8 5.6#
 236 28.0 22.0 33.0



#28
 Pyrene
 Concen: 0.471 ng
 RT: 19.64 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BE099960.D
 Acq: 12 Jun 2019 17:25

Tgt Ion:202 Resp: 10154
 Ion Ratio Lower Upper
 202 100
 200 19.3 15.5 23.3
 203 17.3 14.0 21.0





#29

Terphenyl-d14

Concen: 0.437 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

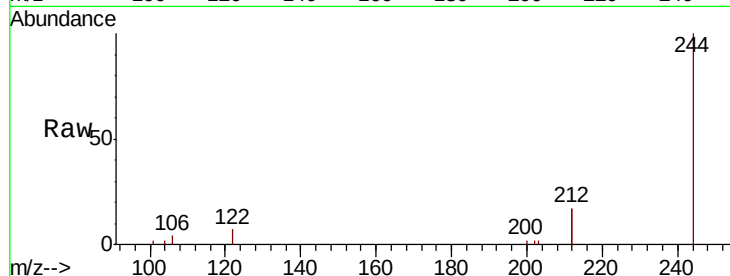
Tgt Ion:244 Resp: 6459

Ion Ratio Lower Upper

244 100

212 33.7 25.7 38.5

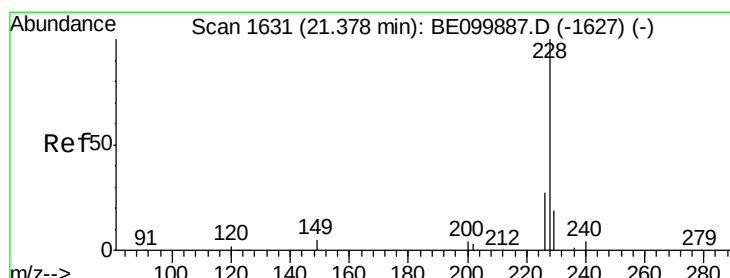
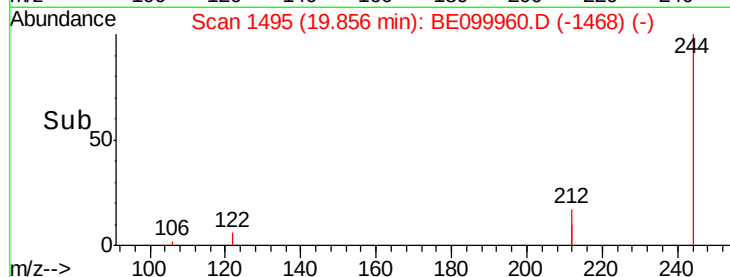
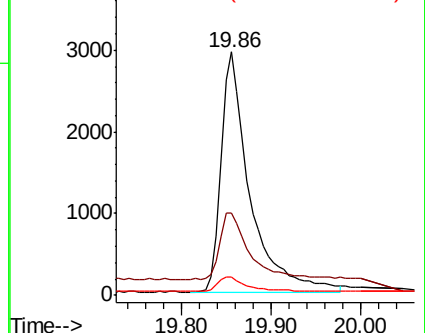
122 7.5 5.5 8.3



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: 0.411 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

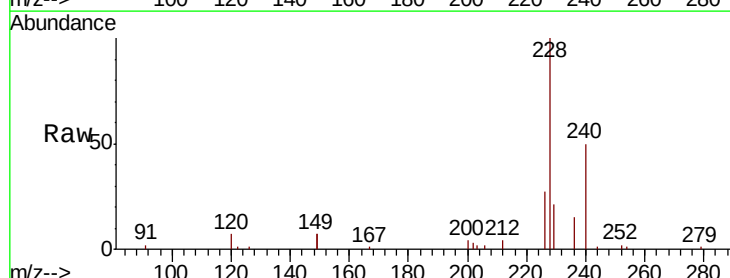
Tgt Ion:228 Resp: 10092

Ion Ratio Lower Upper

228 100

226 26.7 22.5 33.7

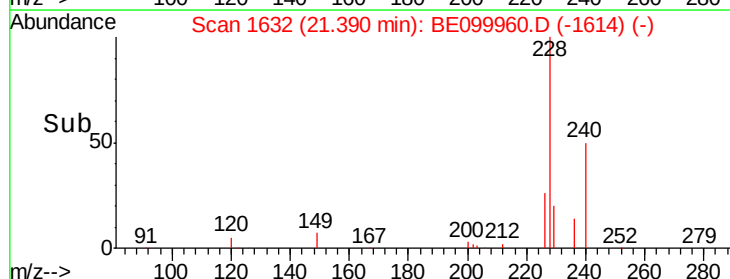
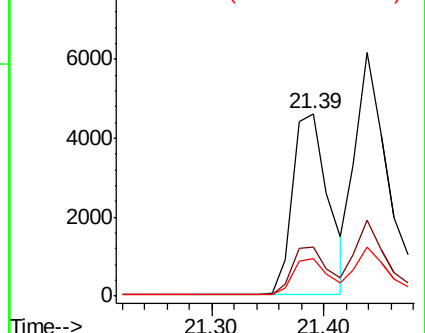
229 20.9 15.9 23.9

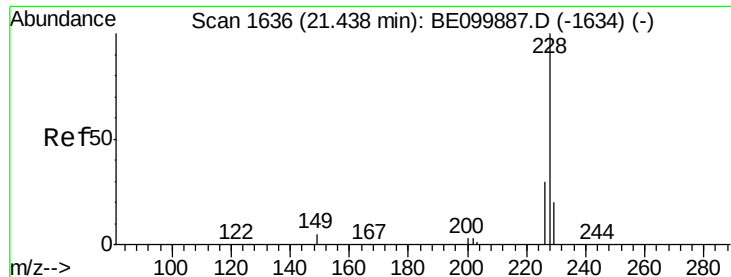


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.464 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

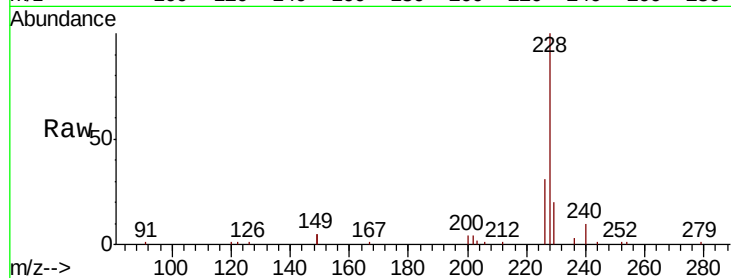
Tgt Ion:228 Resp: 11777

Ion Ratio Lower Upper

228 100

226 31.0 24.1 36.1

229 20.0 16.1 24.1

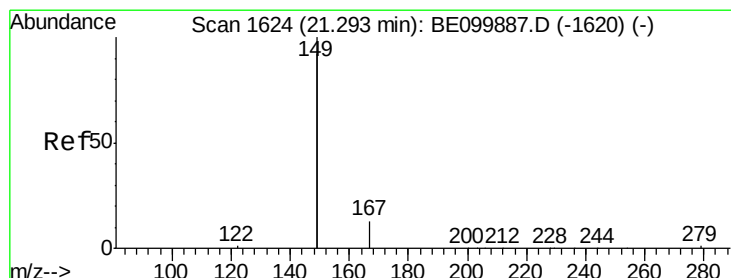
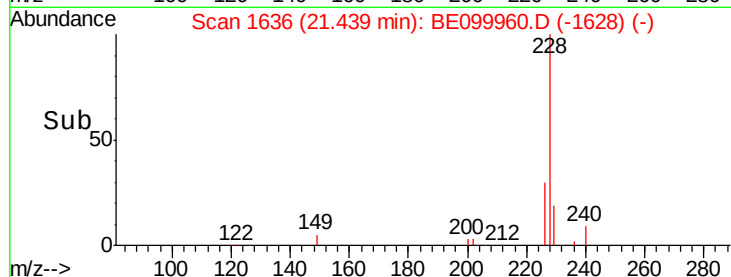
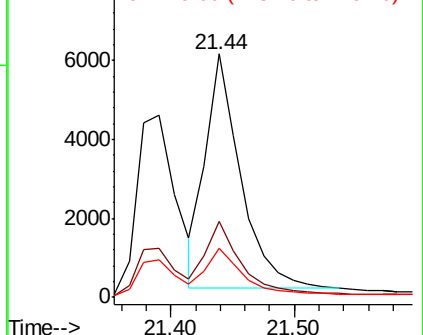


Abundance

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: 0.355 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

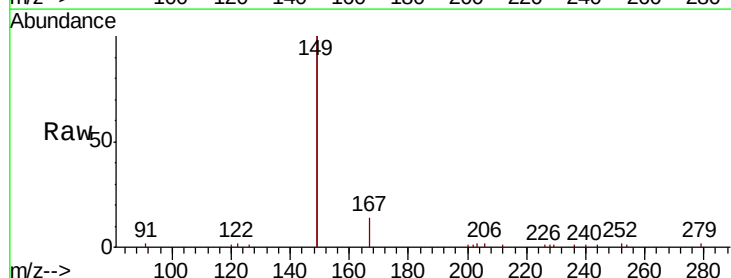
Tgt Ion:149 Resp: 12516

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

279 1.4 1.2 1.8

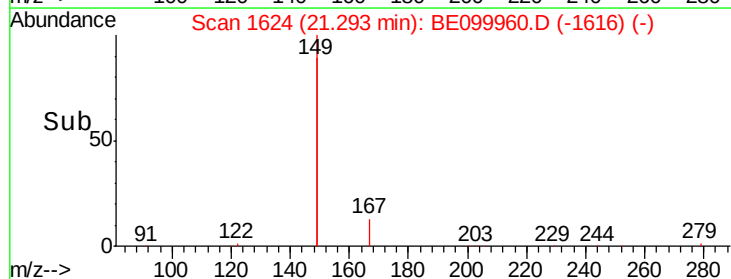
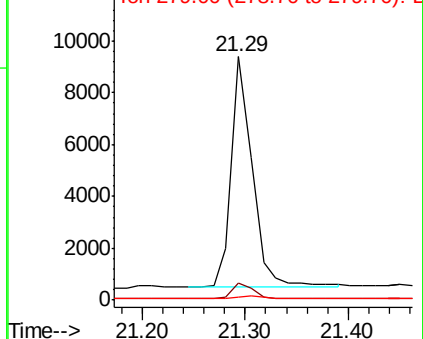


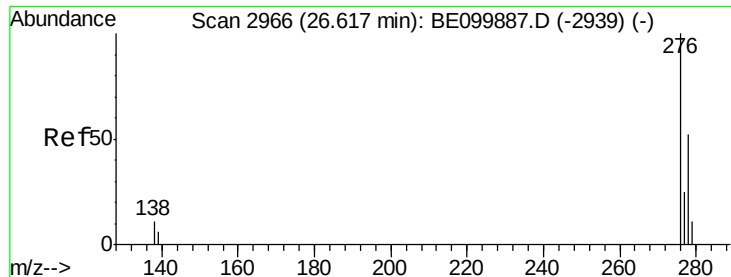
Abundance

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: 0.402 ng

RT: 26.61 min Scan# 2965

Delta R.T. -0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

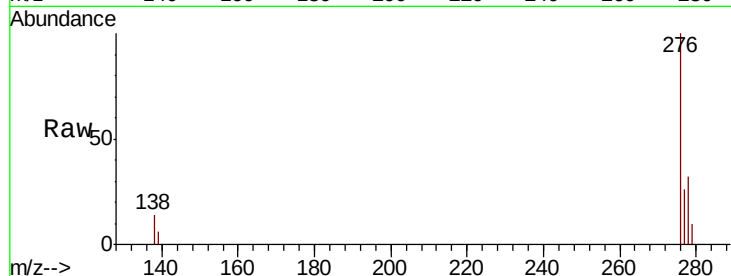
Tgt Ion:276 Resp: 12085

Ion Ratio Lower Upper

276 100

138 12.3 10.1 15.1

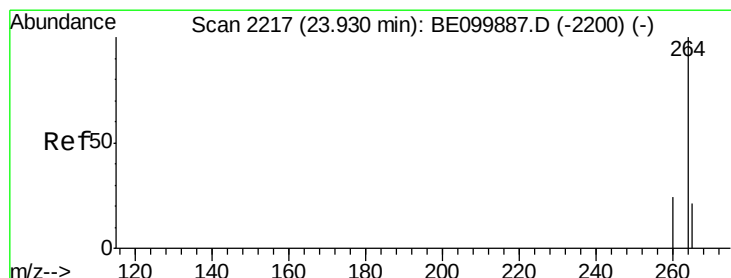
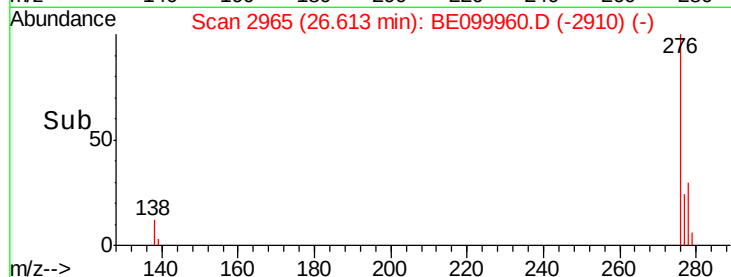
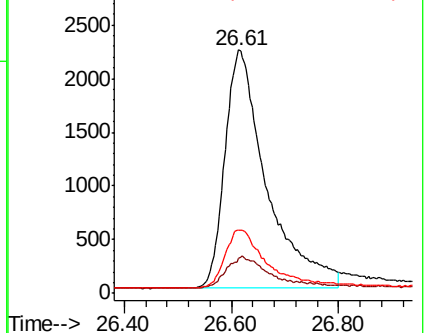
277 24.9 19.1 28.7



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: 23.93 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

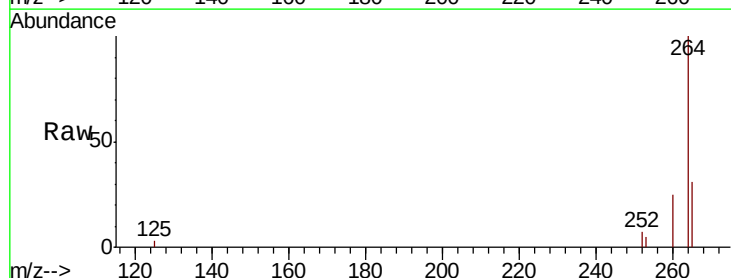
Tgt Ion:264 Resp: 9192

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

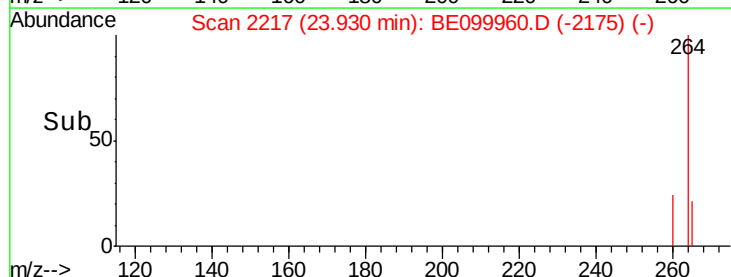
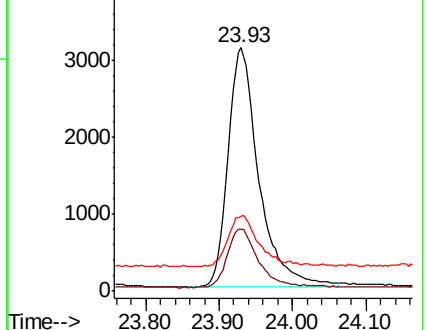
265 30.8 22.0 33.0

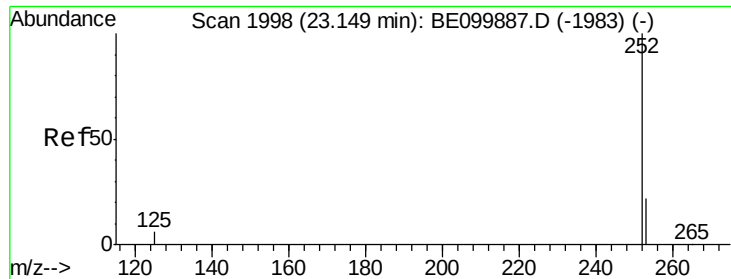


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

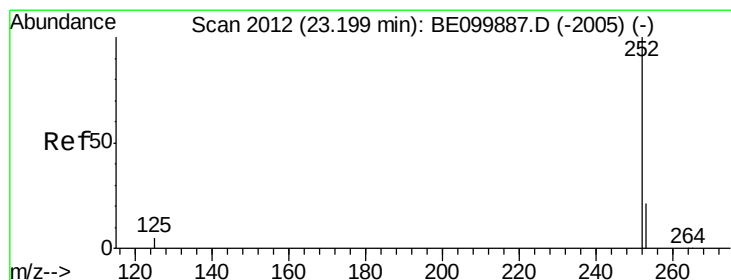
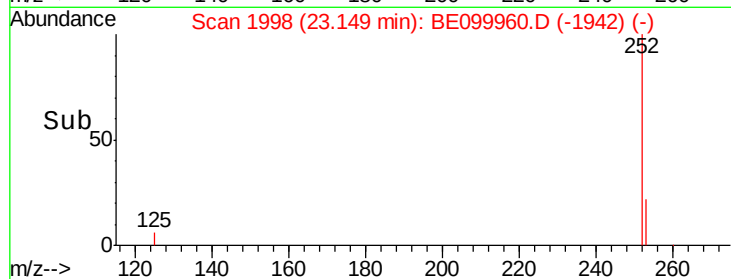
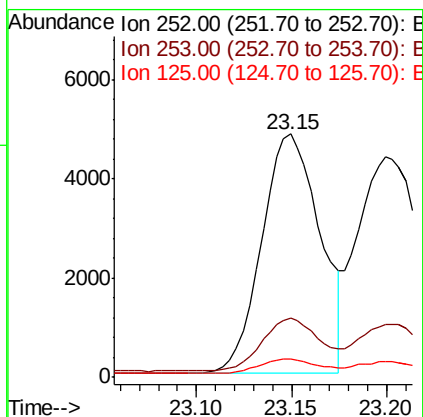
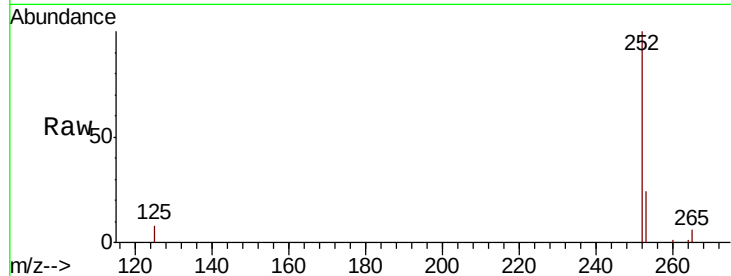




#35
Benzo(b)fluoranthene
Concen: 0.399 ng
RT: 23.15 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

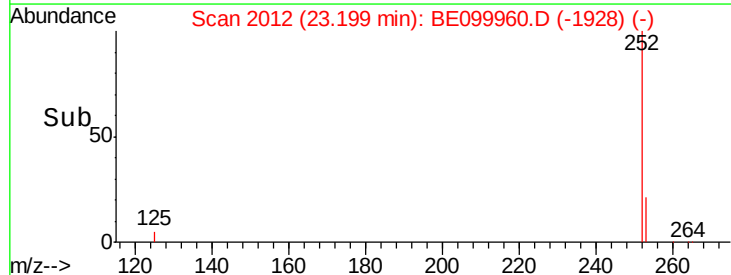
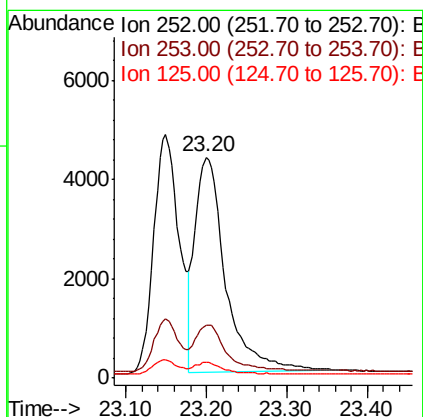
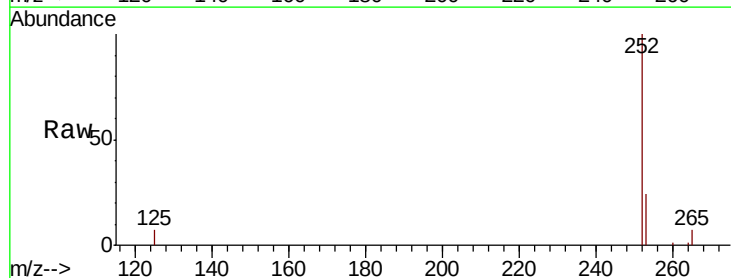
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

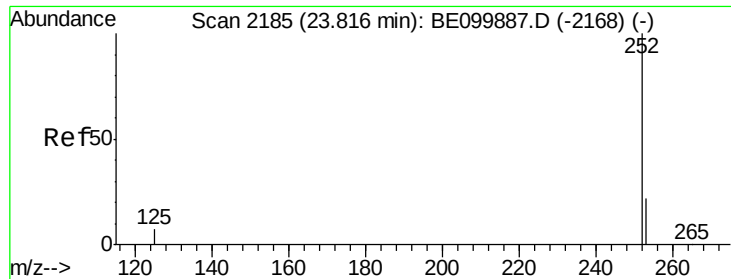
Tgt Ion:252 Resp: 10275
Ion Ratio Lower Upper
252 100
253 24.3 18.7 28.1
125 7.5 5.7 8.5



#36
Benzo(k)fluoranthene
Concen: 0.426 ng
RT: 23.20 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion:252 Resp: 11468
Ion Ratio Lower Upper
252 100
253 23.9 18.6 28.0
125 6.9 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.406 ng

RT: 23.82 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

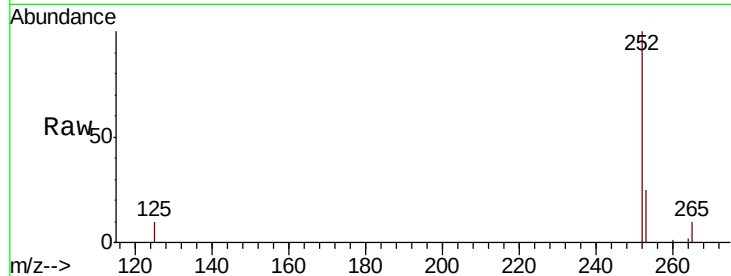
Tgt Ion:252 Resp: 10302

Ion Ratio Lower Upper

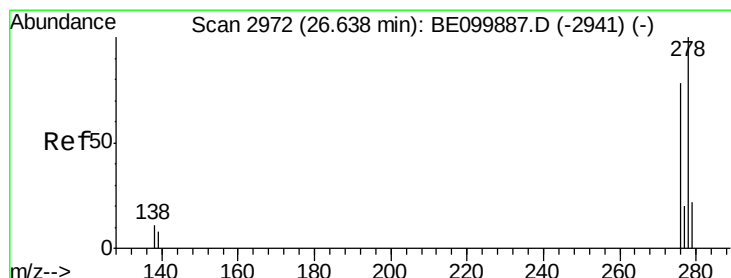
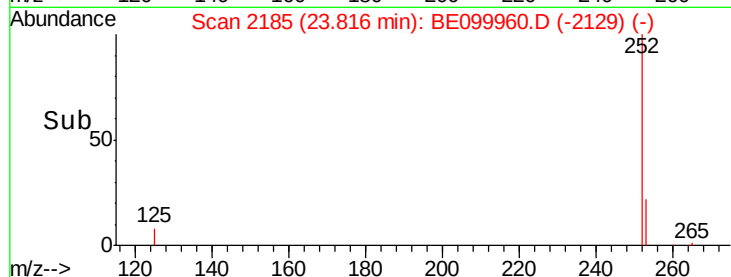
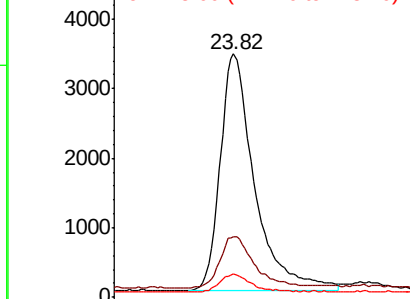
252 100

253 25.1 19.6 29.4

125 9.6 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: 0.360 ng

RT: 26.65 min Scan# 2975

Delta R.T. 0.01 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

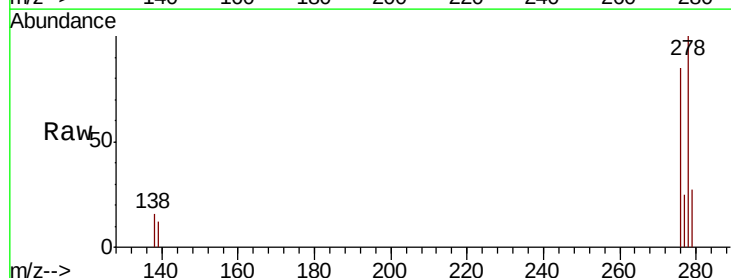
Tgt Ion:278 Resp: 9208

Ion Ratio Lower Upper

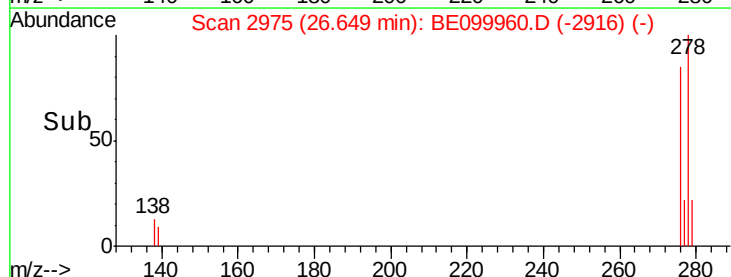
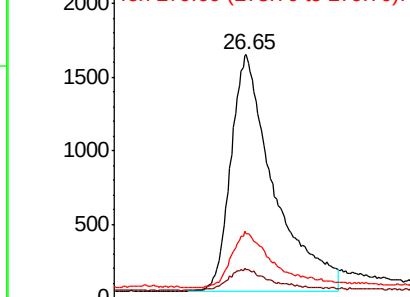
278 100

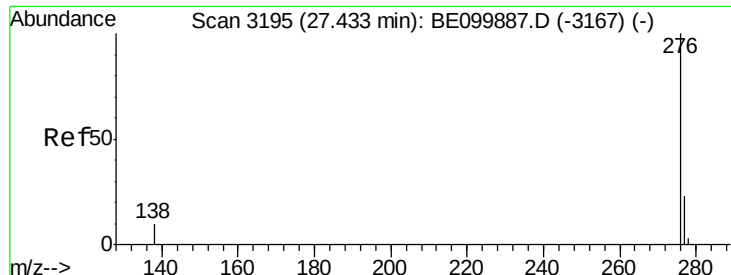
139 11.8 7.8 11.8#

279 26.7 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(g,h,i)perylene

Concen: 0.411 ng

RT: 27.43 min Scan# 3195

Delta R.T. 0.00 min

Lab File: BE099960.D

Acq: 12 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

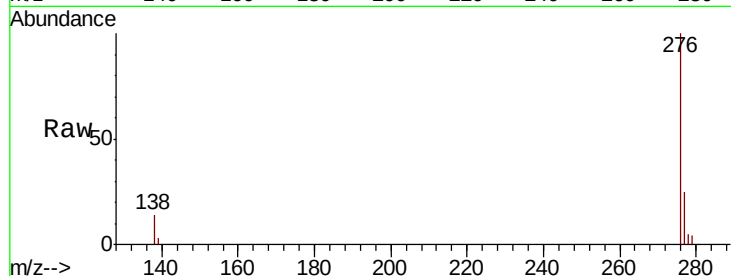
Tgt Ion: 276 Resp: 10861

Ion Ratio Lower Upper

276 100

277 25.3 19.5 29.3

138 13.7 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

