

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
 Data File : BE100010.D
 Acq On : 14 Jun 2019 3:24
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 14 04:43:48 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	703	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	2770	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	2299	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	7957	0.40	ng	0.00
27) Chrysene-d12	21.39	240	10345	0.40	ng	-0.01
34) Perylene-d12	23.92	264	11706	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	804	0.42	ng	0.00
5) Phenol-d6	6.96	99	1103	0.45	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1042	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2064	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	574	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3499	0.40	ng	-0.01
25) Fluoranthene-d10	19.24	212	42829	0.37	ng	0.00
29) Terphenyl-d14	19.85	244	8312	0.45	ng	0.00

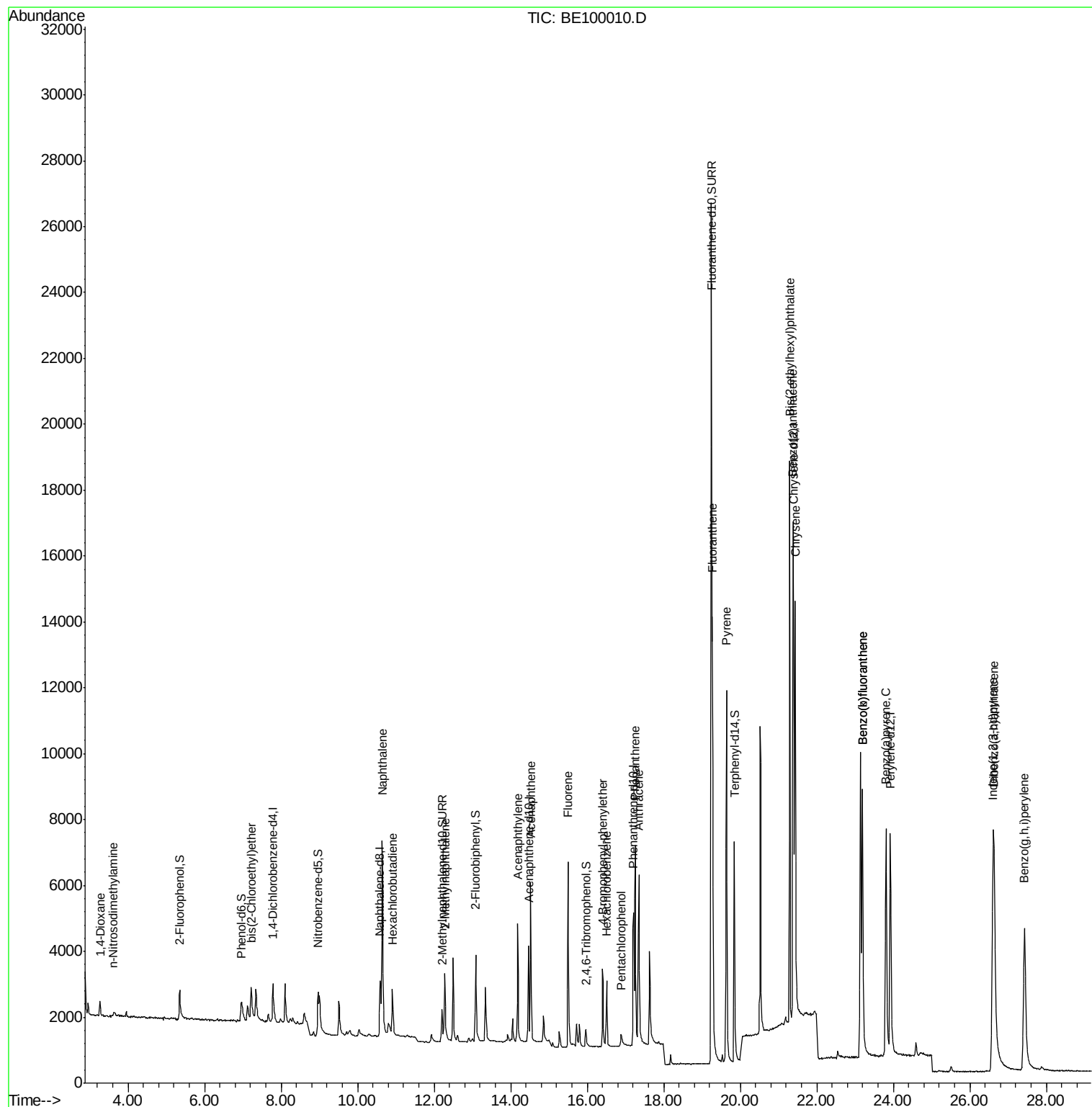
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	408	0.392	ng	95
3) n-Nitrosodimethylamine	3.62	42	137	0.228	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	822	0.412	ng	76
9) Naphthalene	10.64	128	12495	0.418	ng	100
10) Hexachlorobutadiene	10.91	225	1014	0.445	ng	98
12) 2-Methylnaphthalene	12.28	142	2070	0.426	ng	98
16) Acenaphthylene	14.18	152	4624	0.404	ng	99
17) Acenaphthene	14.53	154	2556	0.410	ng	99
18) Fluorene	15.50	166	3908	0.418	ng	97
20) 4-Bromophenyl-phenylether	16.40	248	1735	0.385	ng	# 87
21) Hexachlorobenzene	16.51	284	1879	0.408	ng	99
22) Pentachlorophenol	16.88	266	507	0.528	ng	92
23) Phenanthrene	17.25	178	7574	0.392	ng	100
24) Anthracene	17.35	178	6834	0.386	ng	98
26) Fluoranthene	19.27	202	12438	0.379	ng	99
28) Pyrene	19.64	202	13032	0.479	ng	100
30) Benzo(a)anthracene	21.38	228	13257	0.429	ng	99
31) Chrysene	21.44	228	15108	0.473	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	17952	0.405	ng	99
33) Indeno(1,2,3-cd)pyrene	26.60	276	16477	0.435	ng	98
35) Benzo(b)fluoranthene	23.19	252	14643	0.446	ng	100
36) Benzo(k)fluoranthene	23.19	252	14727	0.429	ng	100
37) Benzo(a)pyrene	23.81	252	13778	0.426	ng	# 96
38) Dibenzo(a,h)anthracene	26.63	278	13215	0.406	ng	98
39) Benzo(g,h,i)perylene	27.43	276	13994	0.416	ng	98

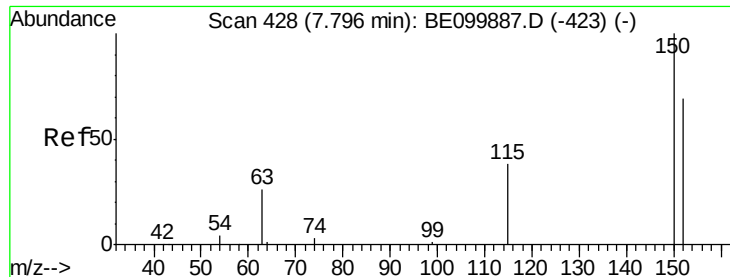
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 14 04:43:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
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QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.78 min Scan# 427

Delta R.T. -0.01 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

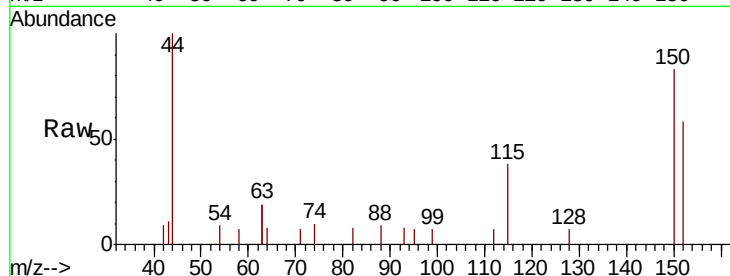
Tgt Ion: 152 Resp: 703

Ion Ratio Lower Upper

152 100

150 143.9 111.0 166.6

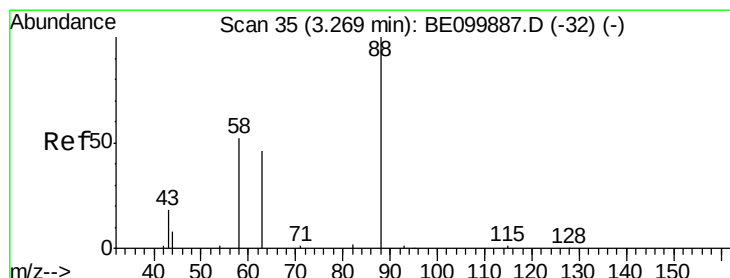
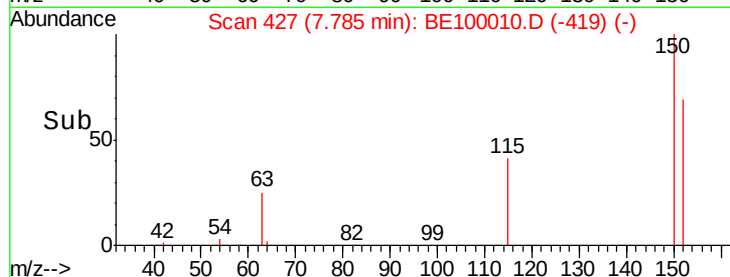
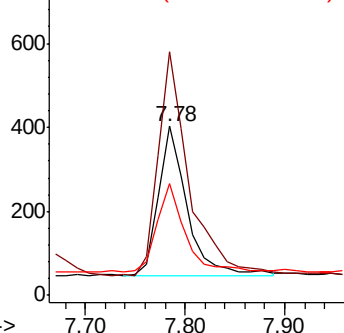
115 66.0 50.7 76.1



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: 0.392 ng

RT: 3.27 min Scan# 35

Delta R.T. 0.00 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

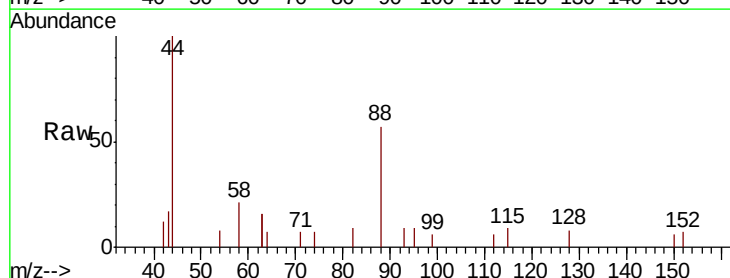
Tgt Ion: 88 Resp: 408

Ion Ratio Lower Upper

88 100

58 57.1 48.8 73.2

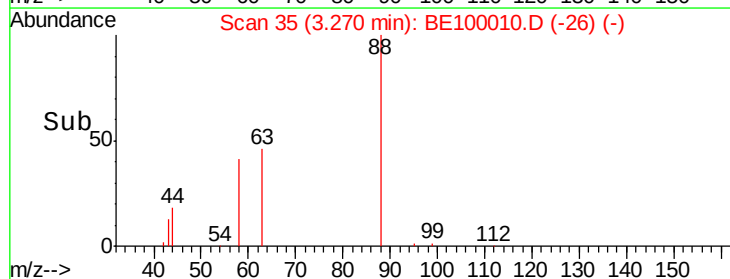
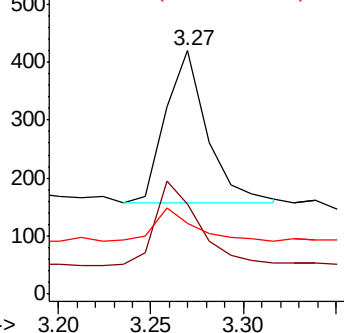
43 21.1 19.0 28.6

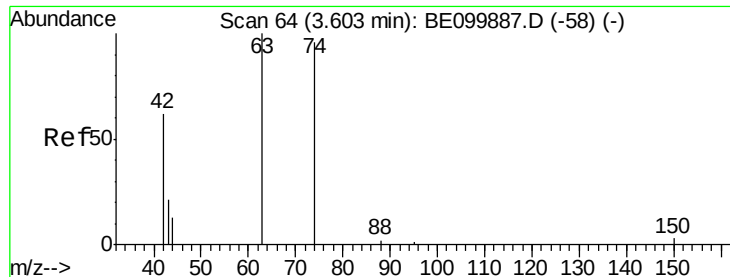


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.228 ng

RT: 3.62 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

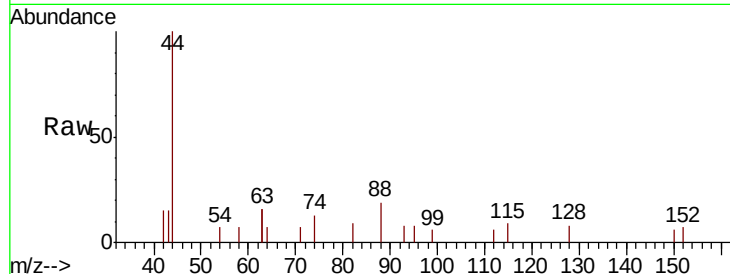
Tgt Ion: 42 Resp: 137

Ion Ratio Lower Upper

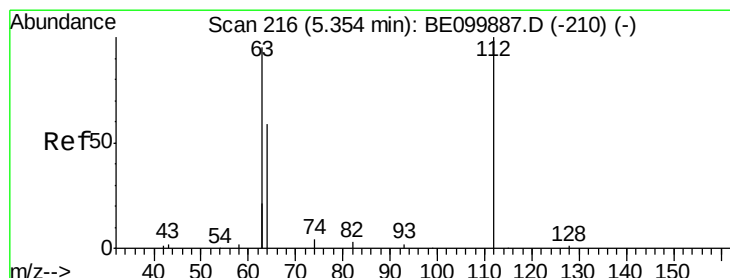
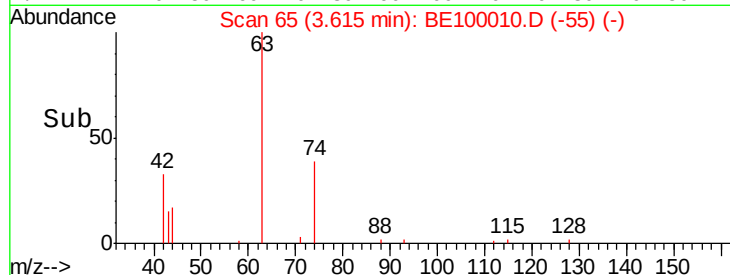
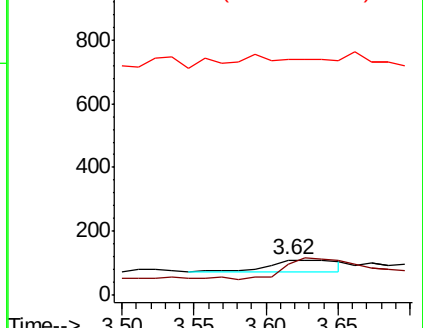
42 100

74 123.4 0.0 0.0#

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.424 ng

RT: 5.35 min Scan# 216

Delta R.T. 0.00 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

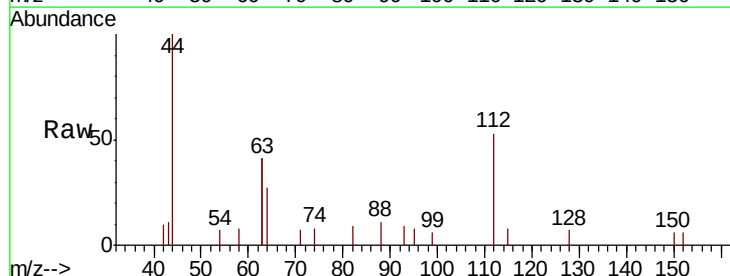
Tgt Ion: 112 Resp: 804

Ion Ratio Lower Upper

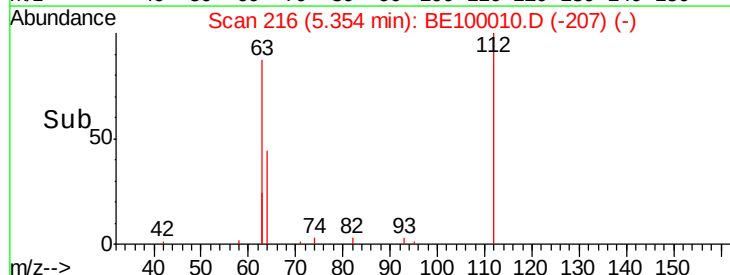
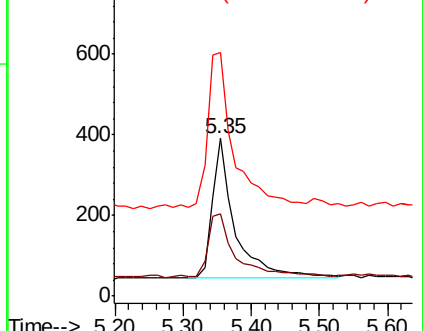
112 100

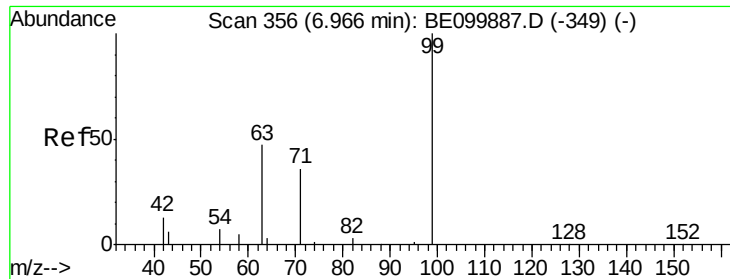
64 56.2 44.1 66.1

63 127.7 87.8 131.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.451 ng

RT: 6.96 min Scan# 355

Delta R.T. -0.01 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

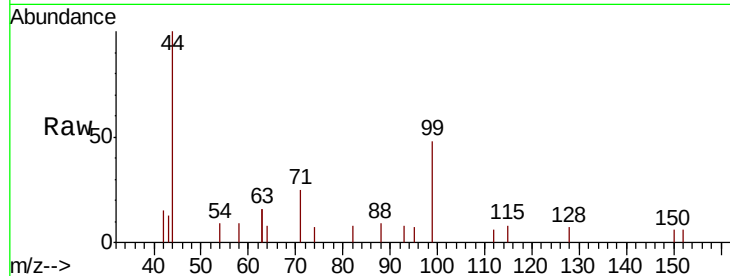
Tgt Ion: 99 Resp: 1103

Ion Ratio Lower Upper

99 100

42 15.0 15.9 23.9#

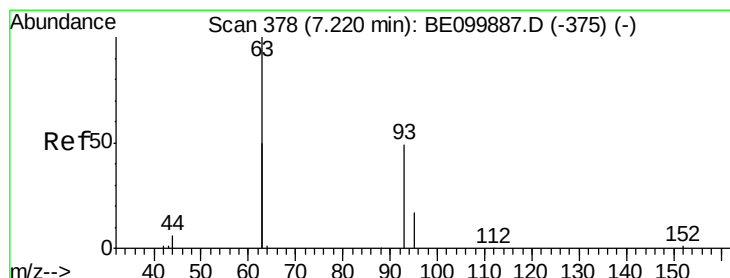
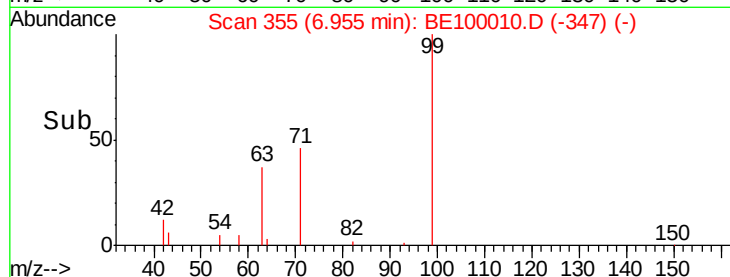
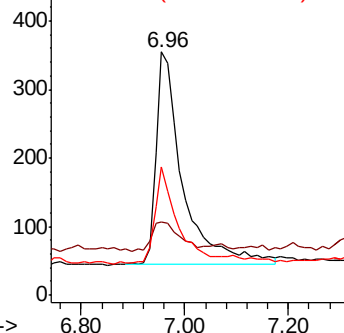
71 37.0 34.6 52.0



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.412 ng

RT: 7.22 min Scan# 378

Delta R.T. 0.00 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

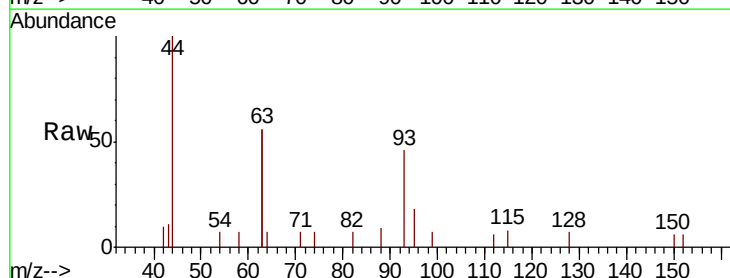
Tgt Ion: 93 Resp: 822

Ion Ratio Lower Upper

93 100

63 206.9 202.8 304.2

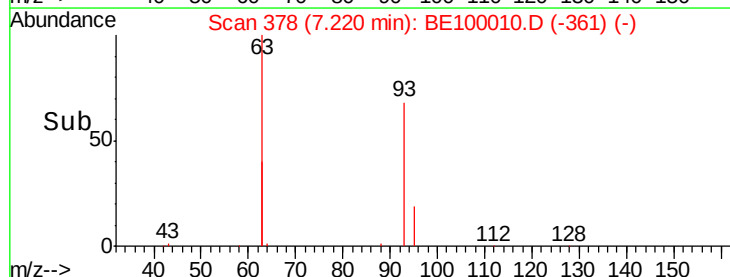
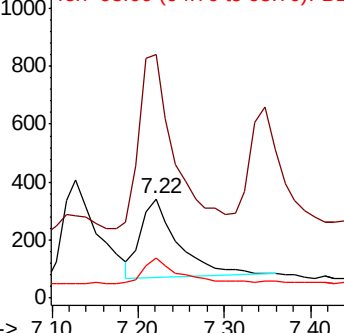
95 27.1 23.7 35.5

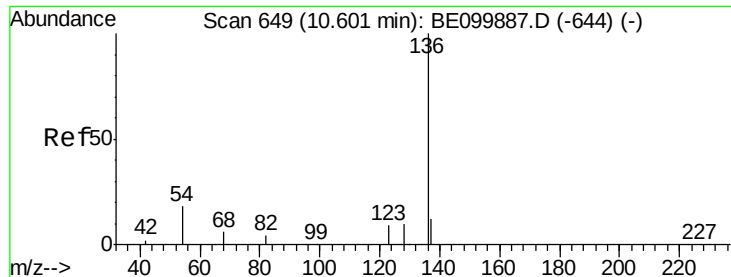


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 2770

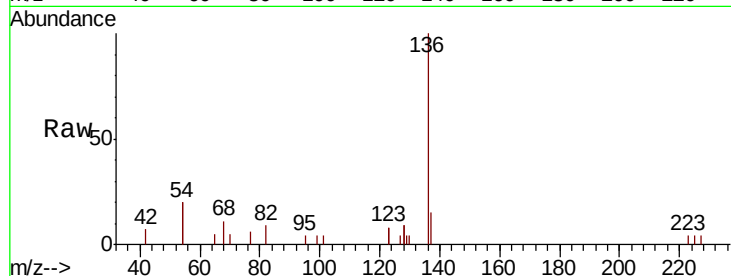
Ion Ratio Lower Upper

136 100

137 15.0 12.3 18.5

54 40.0 28.2 42.4

68 10.6 7.8 11.8

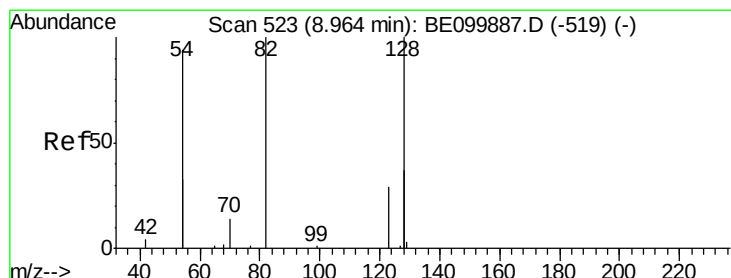
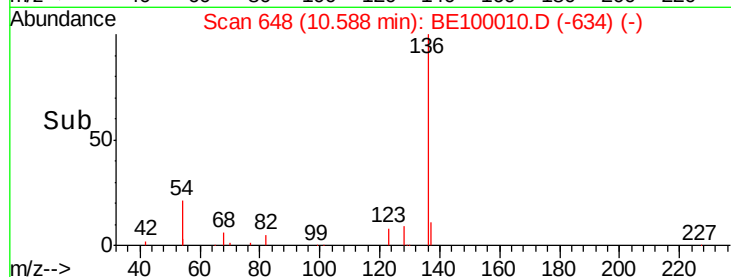
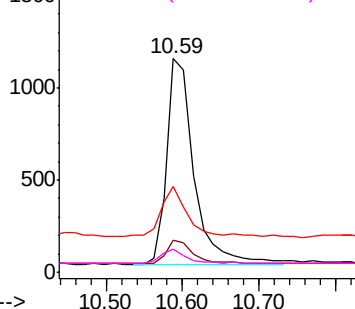


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.397 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

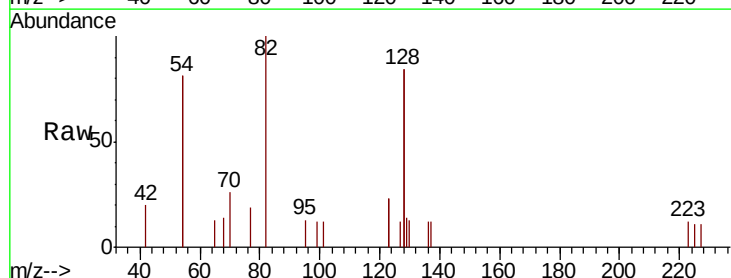
Tgt Ion: 82 Resp: 1042

Ion Ratio Lower Upper

82 100

128 169.0 137.3 205.9

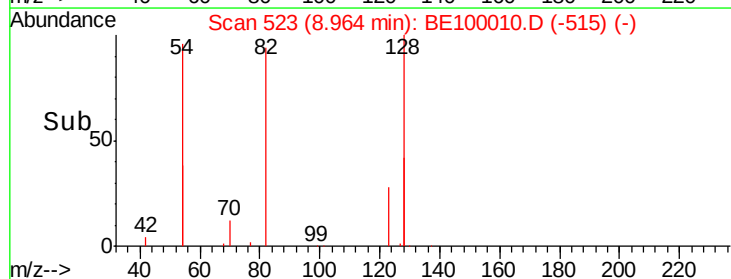
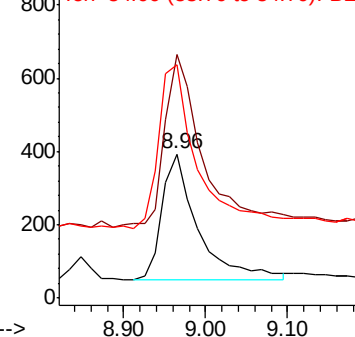
54 162.3 129.7 194.5

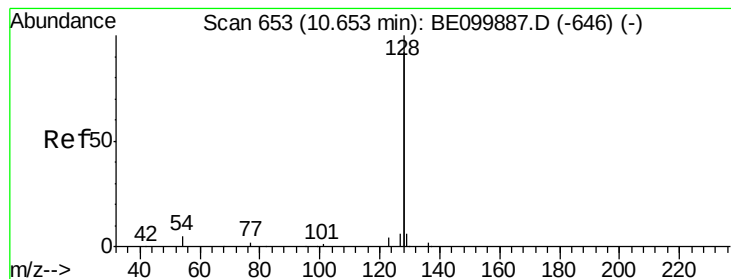


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.418 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

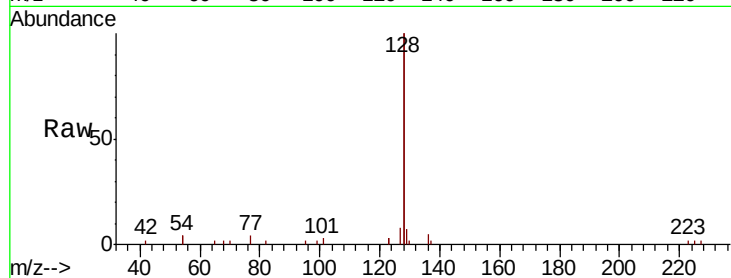
Tgt Ion:128 Resp: 12495

Ion Ratio Lower Upper

128 100

129 3.5 3.0 4.6

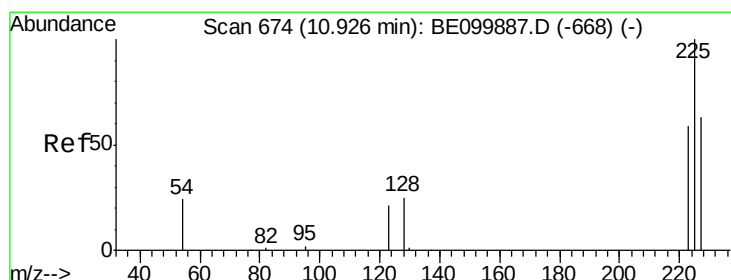
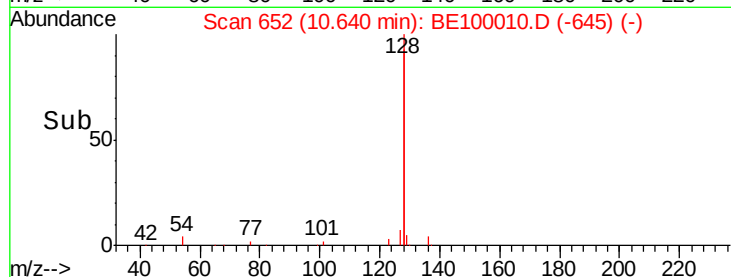
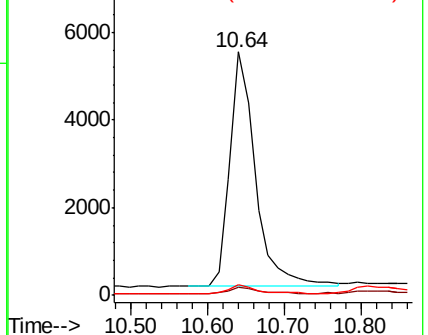
127 4.2 3.4 5.0



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: 0.445 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.01 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

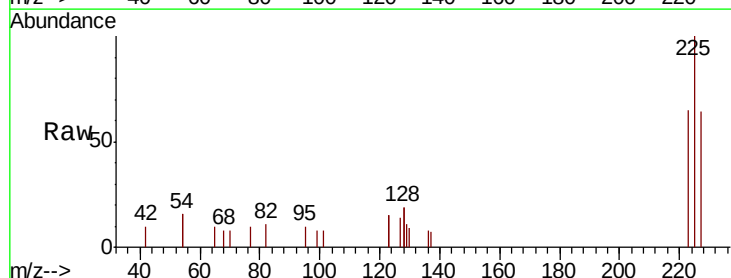
Tgt Ion:225 Resp: 1014

Ion Ratio Lower Upper

225 100

223 61.6 51.6 77.4

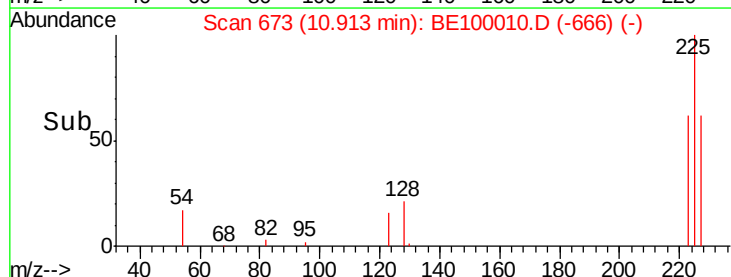
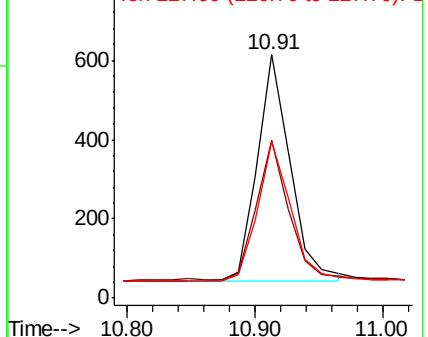
227 62.5 50.6 76.0

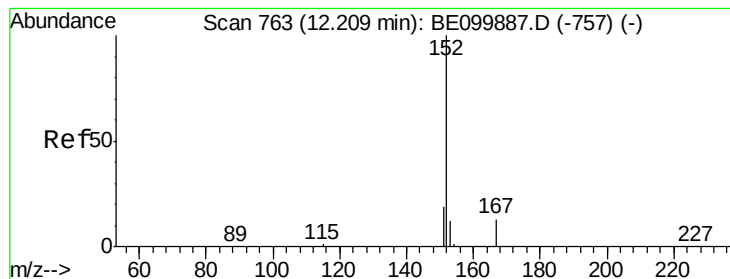


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.427 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

Instrument :

BNA_E

ClientSampleId :

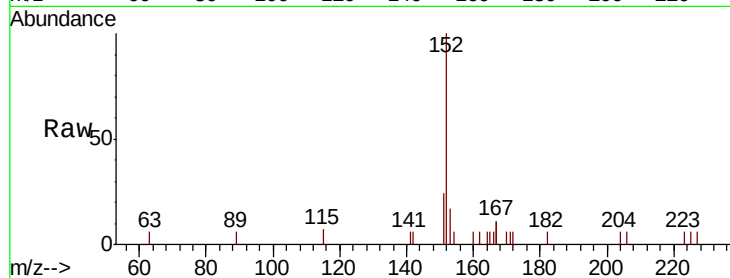
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2064

Ion Ratio Lower Upper

152 100

151 19.3 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

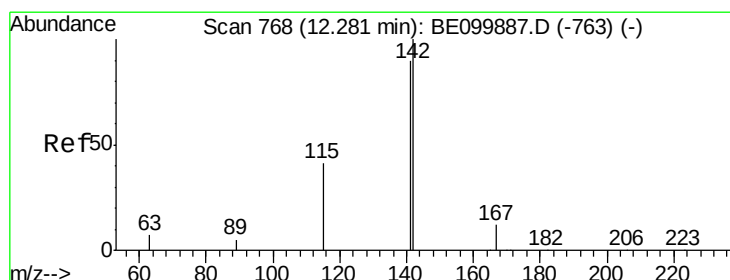
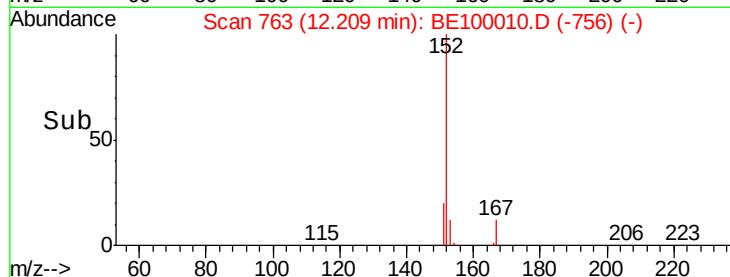
600

400

200

0

Time--> 12.00 12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.426 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

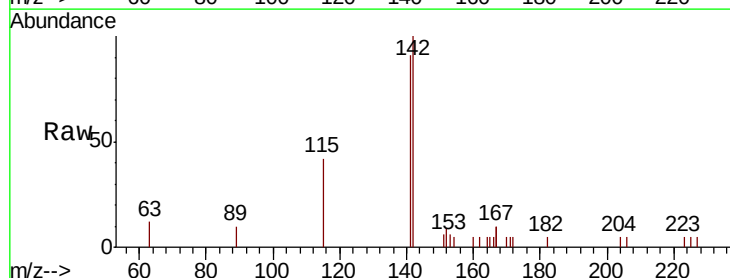
Tgt Ion:142 Resp: 2070

Ion Ratio Lower Upper

142 100

141 91.3 72.3 108.5

115 42.0 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

1200

1000

800

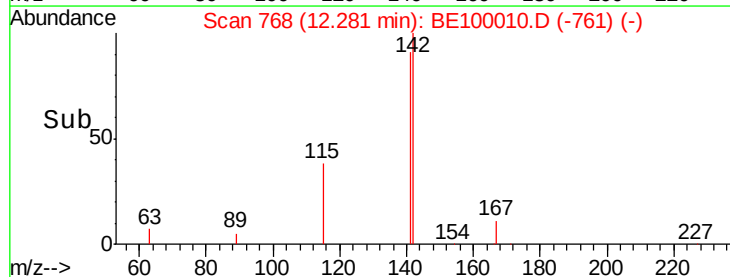
600

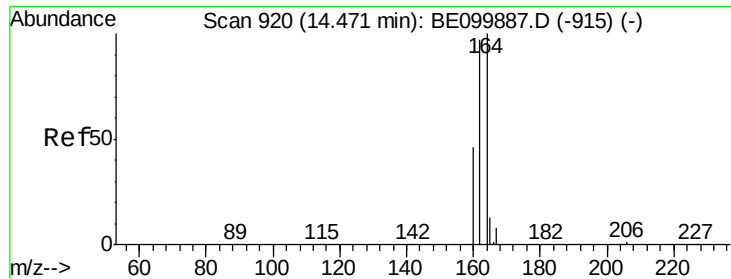
400

200

0

Time--> 12.20 12.30

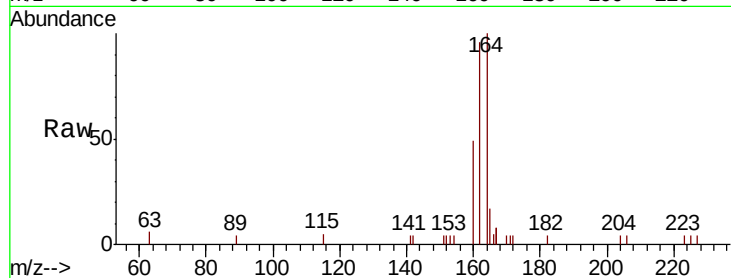




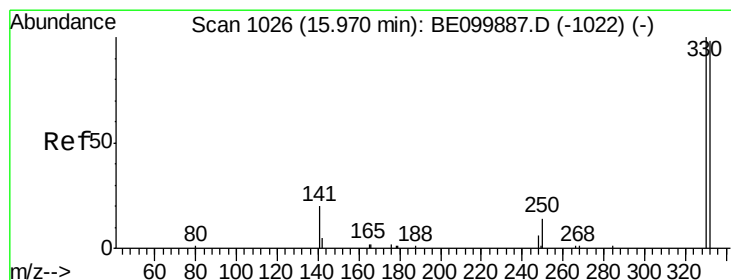
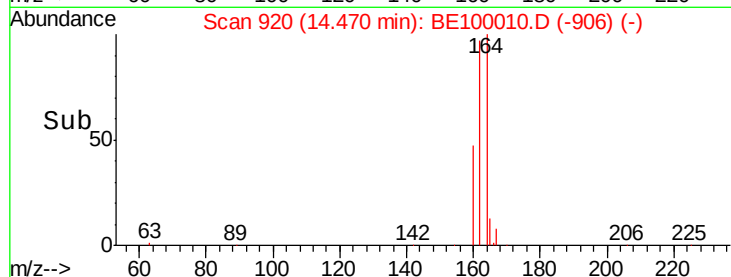
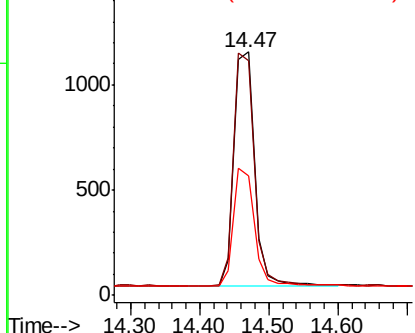
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE100010.D
 Acq: 14 Jun 2019 3:24

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:164 Resp: 2299
 Ion Ratio Lower Upper
 164 100
 162 96.5 77.8 116.8
 160 49.3 38.2 57.4

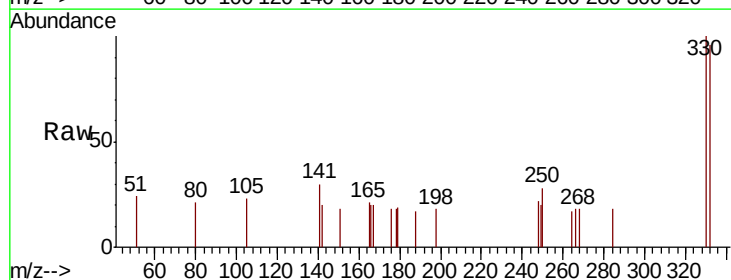


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

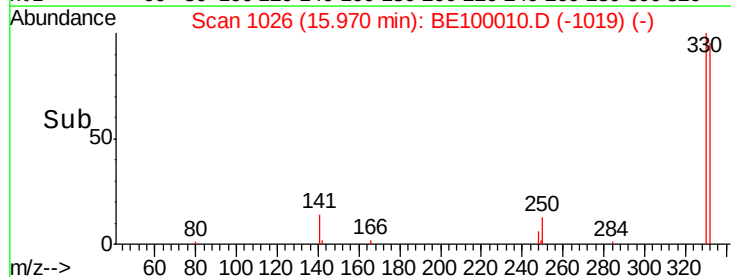
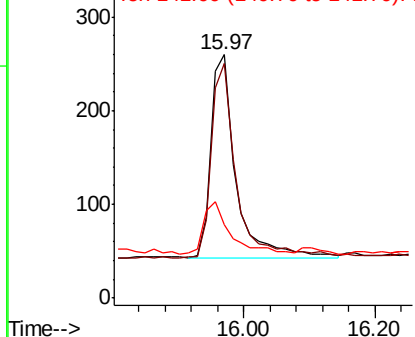


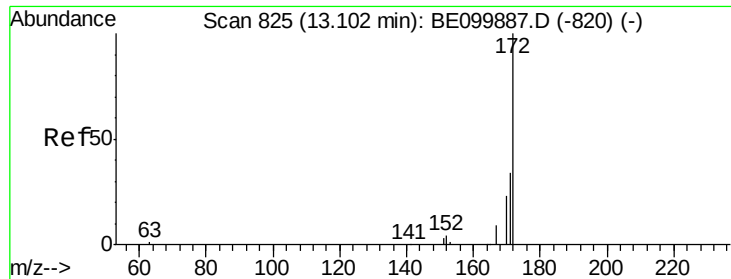
#14
 2,4,6-Tribromophenol
 Concen: 0.338 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE100010.D
 Acq: 14 Jun 2019 3:24

Tgt Ion:330 Resp: 574
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.7 115.1
 141 26.7 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

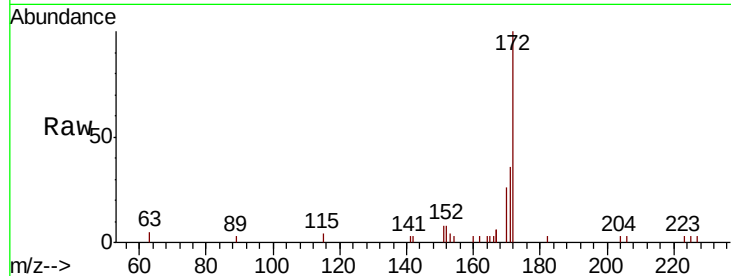




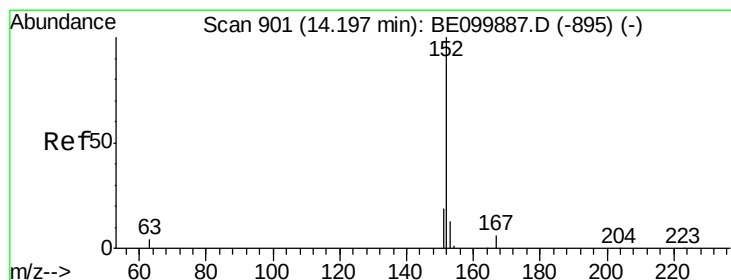
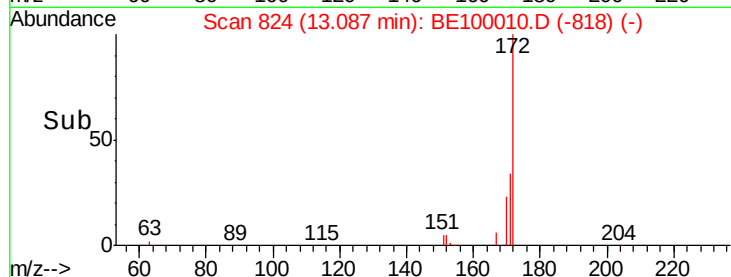
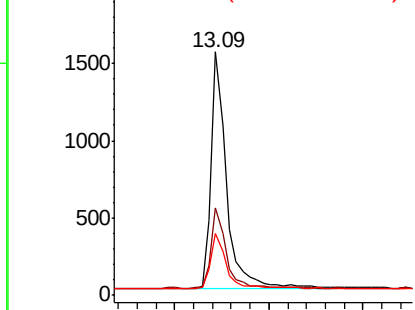
#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100010.D
Acq: 14 Jun 2019 3:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 3499
Ion Ratio Lower Upper
172 100
171 35.9 29.2 43.8
170 25.7 21.2 31.8

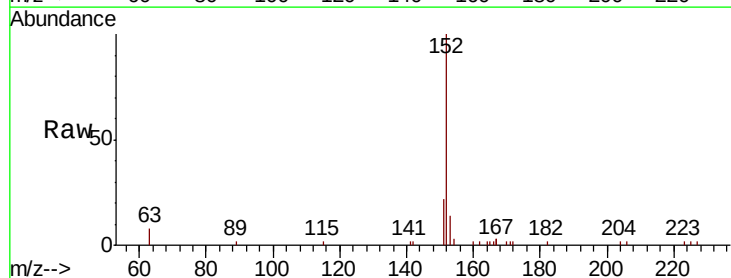


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

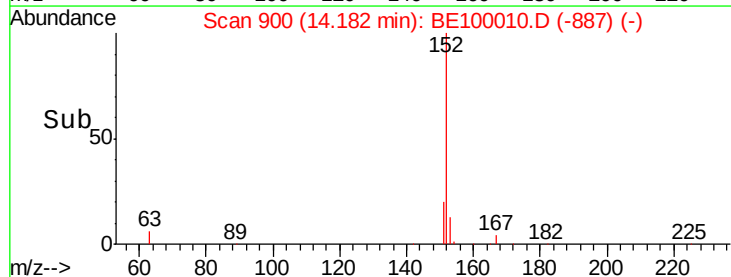
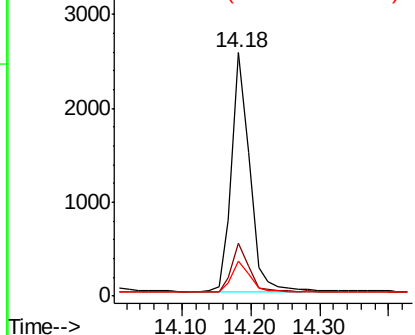


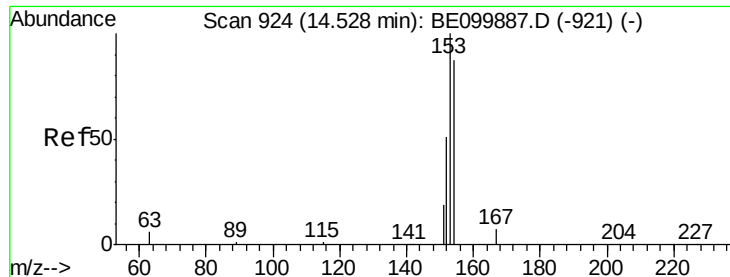
#16
Acenaphthylene
Concen: 0.404 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100010.D
Acq: 14 Jun 2019 3:24

Tgt Ion:152 Resp: 4624
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.0 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

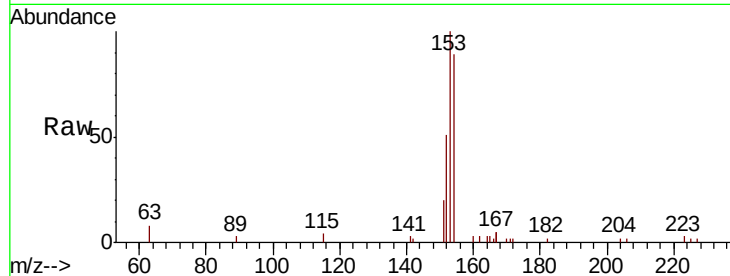




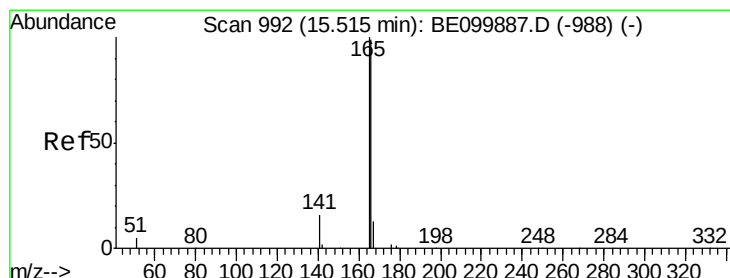
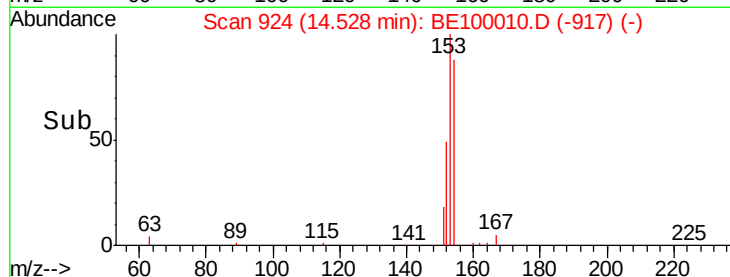
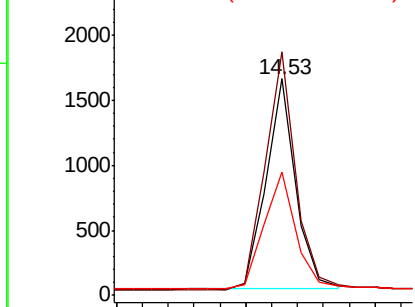
#17
Acenaphthene
Concen: 0.410 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100010.D
Acq: 14 Jun 2019 3:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 2556
Ion Ratio Lower Upper
154 100
153 115.9 93.1 139.7
152 60.5 47.0 70.4

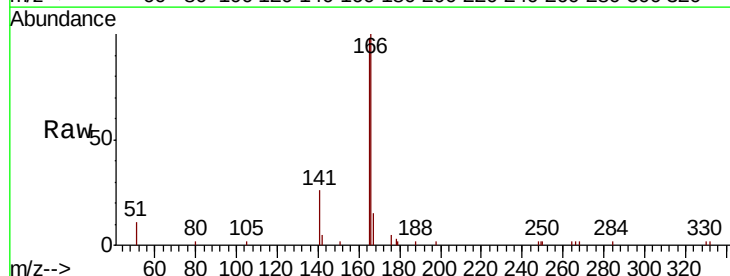


Abundance Ion 154.00 (153.70 to 154.70): E
2500 Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

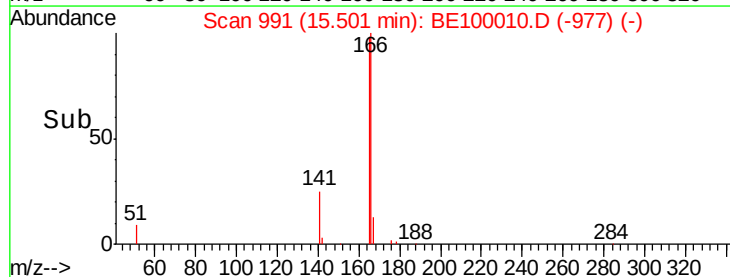
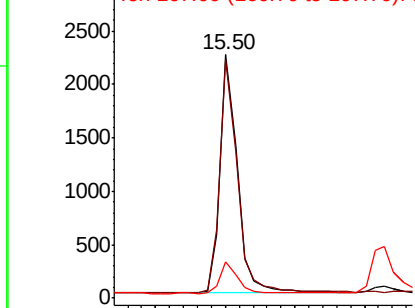


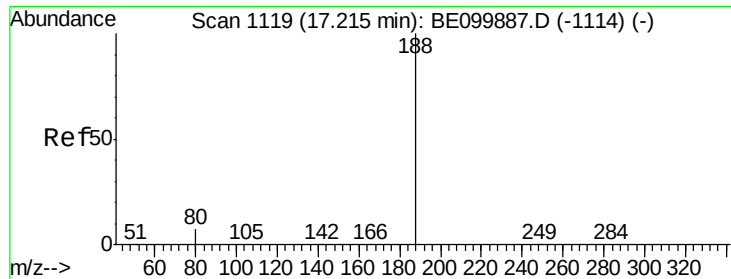
#18
Fluorene
Concen: 0.418 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE100010.D
Acq: 14 Jun 2019 3:24

Tgt Ion:166 Resp: 3908
Ion Ratio Lower Upper
166 100
165 99.2 81.8 122.8
167 13.3 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
3000 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: BE100010.D

Acq: 14 Jun 2019 3:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

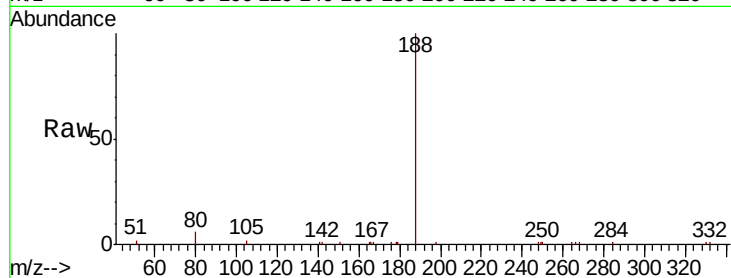
Tgt Ion:188 Resp: 7957

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

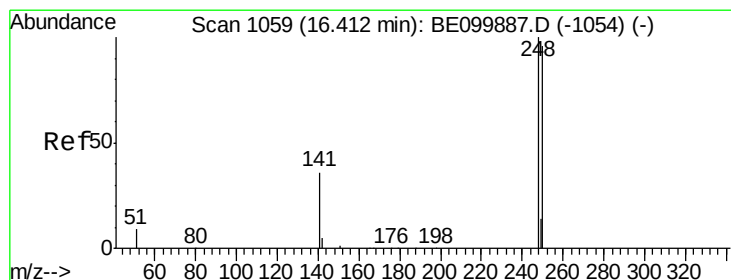
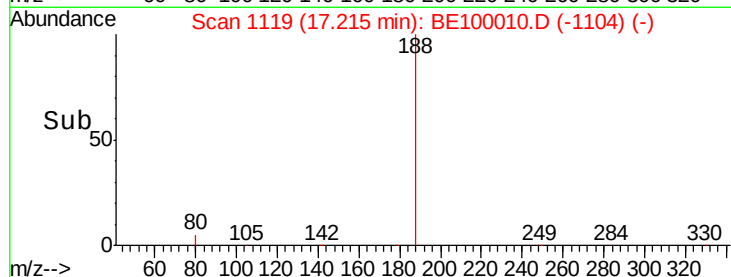
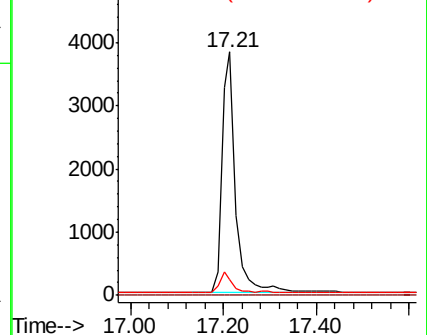
80 6.4 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.385 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

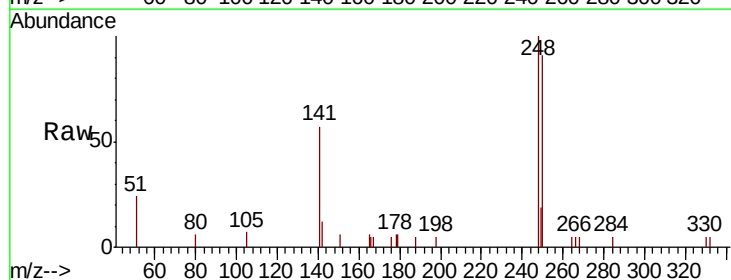
Tgt Ion:248 Resp: 1735

Ion Ratio Lower Upper

248 100

250 90.5 77.5 116.3

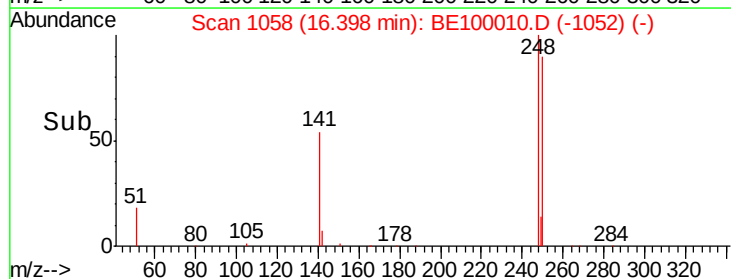
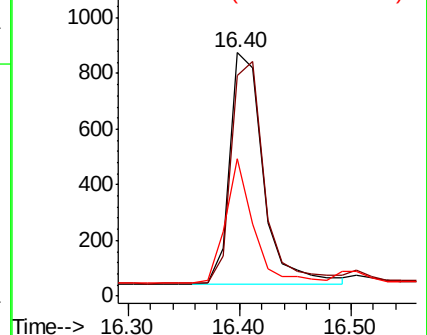
141 56.7 31.8 47.8#

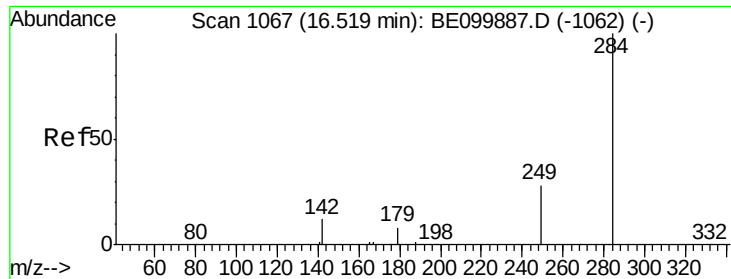


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.408 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

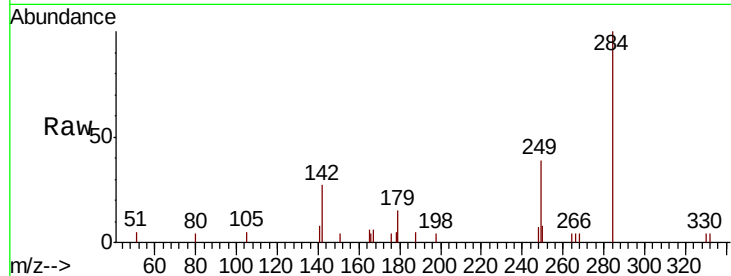
Tgt Ion:284 Resp: 1879

Ion Ratio Lower Upper

284 100

142 22.8 18.2 27.4

249 31.3 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

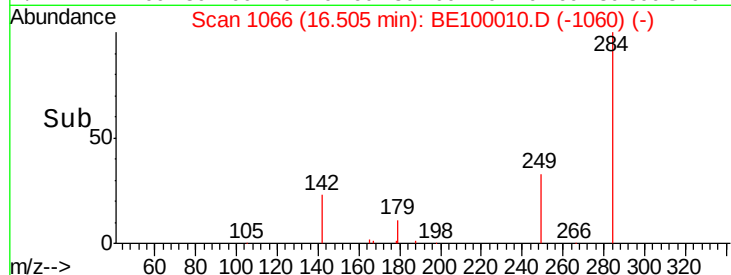
1500

1000

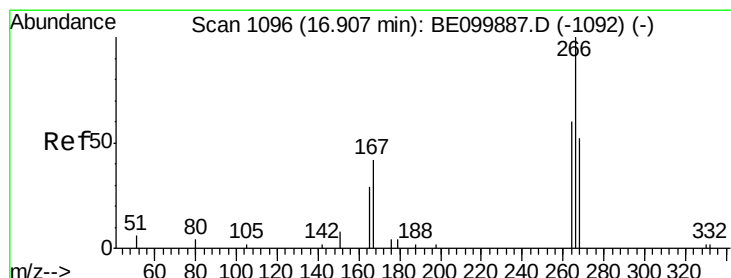
500

0

16.40 16.45 16.50 16.55



Time-->



#22

Pentachlorophenol

Concen: 0.528 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

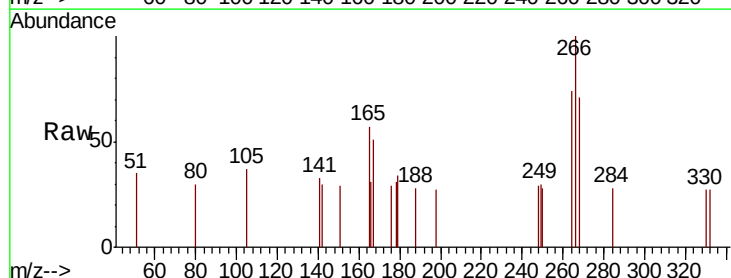
Tgt Ion:266 Resp: 507

Ion Ratio Lower Upper

266 100

264 74.4 62.2 93.2

268 70.7 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

200

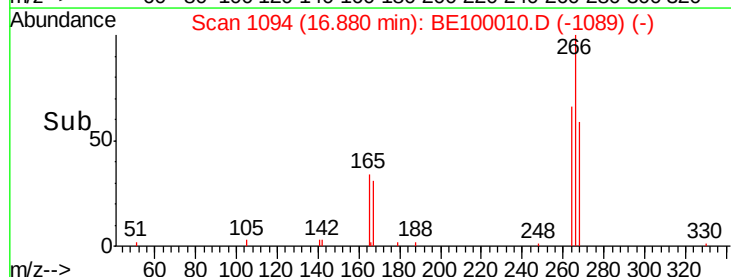
150

100

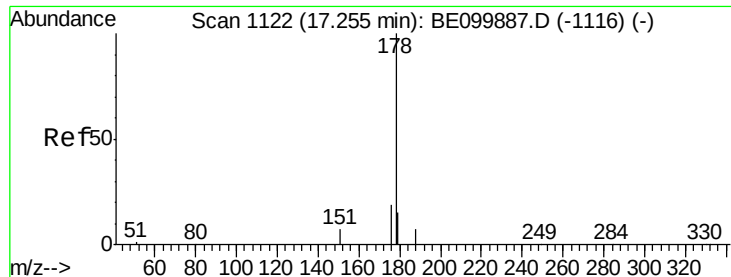
50

0

16.80 16.90 17.00 17.10



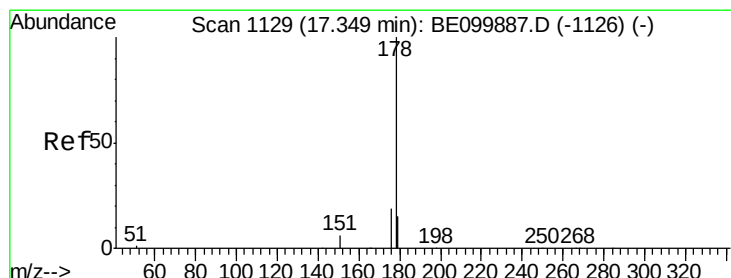
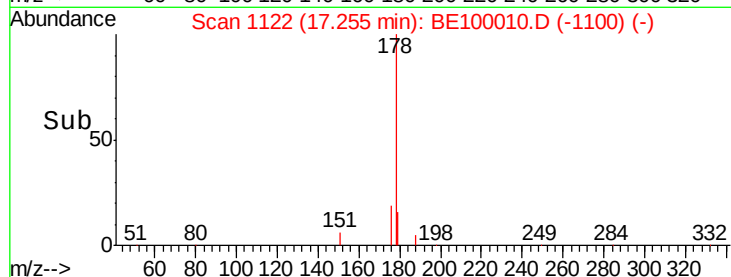
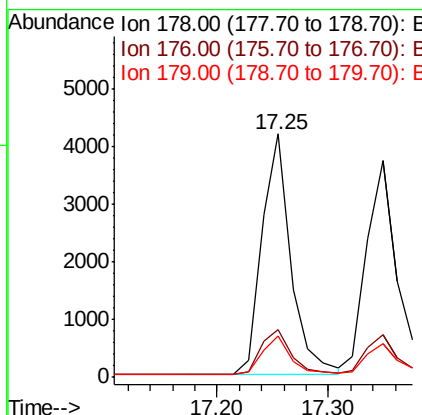
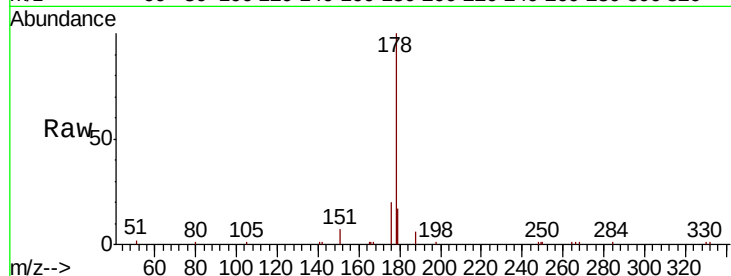
Time-->



#23
Phenanthrene
Concen: 0.392 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100010.D
Acq: 14 Jun 2019 3:24

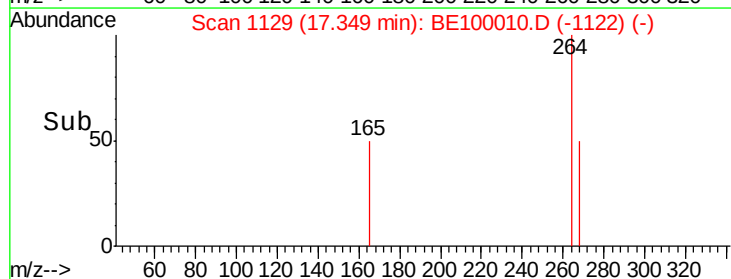
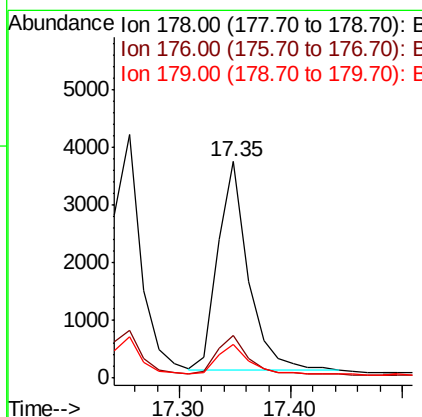
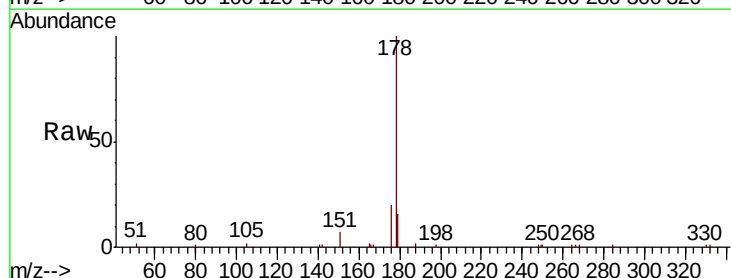
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

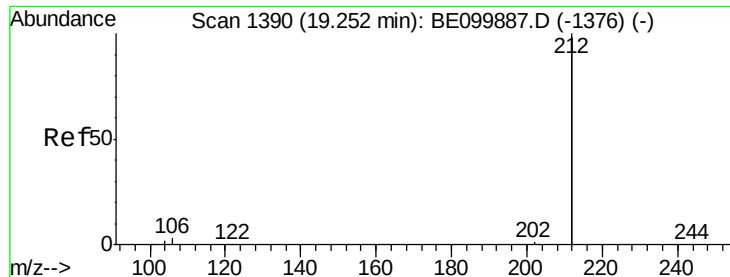
Tgt Ion:178 Resp: 7574
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.8 12.4 18.6



#24
Anthracene
Concen: 0.386 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE100010.D
Acq: 14 Jun 2019 3:24

Tgt Ion:178 Resp: 6834
Ion Ratio Lower Upper
178 100
176 19.3 14.6 22.0
179 15.0 12.3 18.5





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

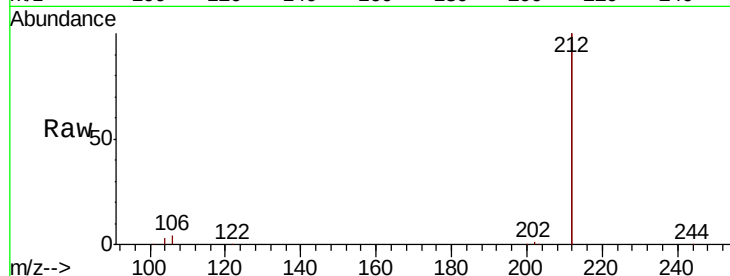
Tgt Ion:212 Resp: 42829

Ion Ratio Lower Upper

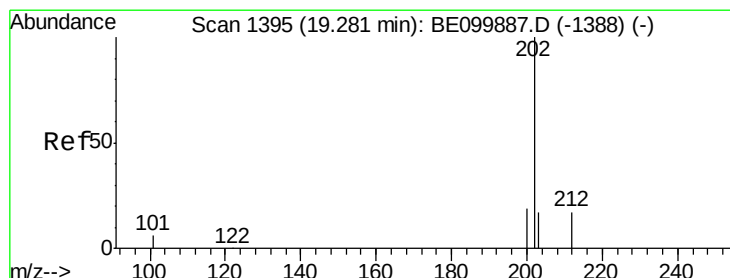
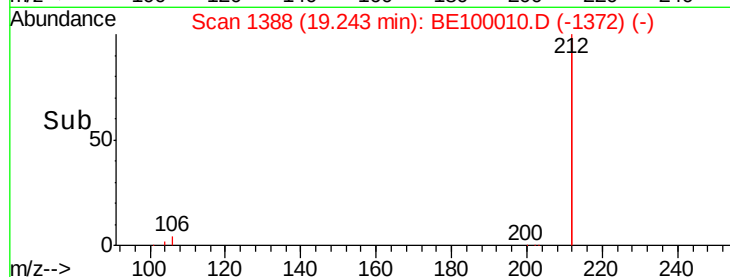
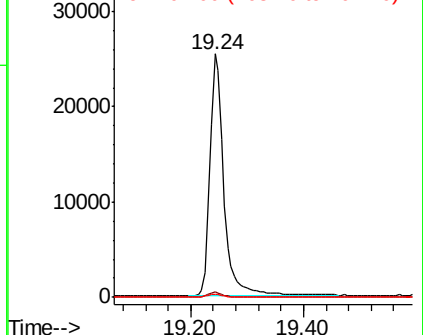
212 100

106 1.9 1.4 2.2

104 1.0 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: 0.379 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

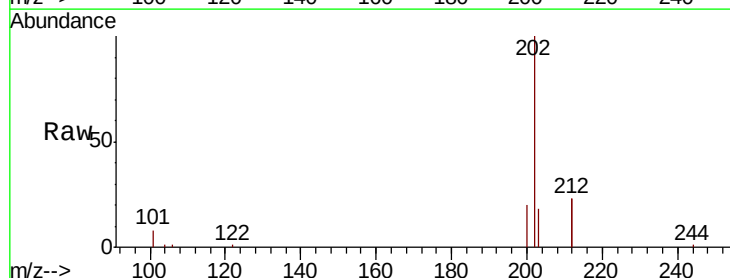
Tgt Ion:202 Resp: 12438

Ion Ratio Lower Upper

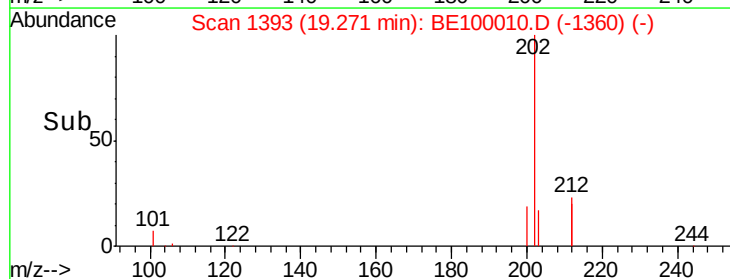
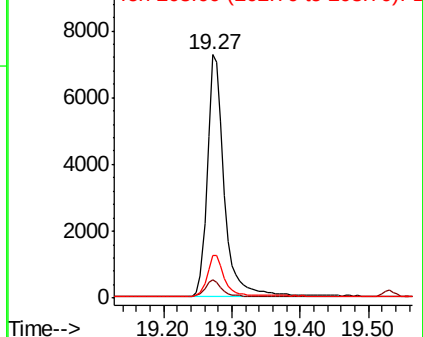
202 100

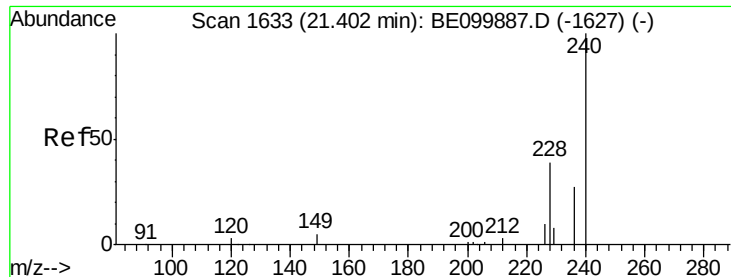
101 6.8 5.4 8.0

203 17.3 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: 21.39 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

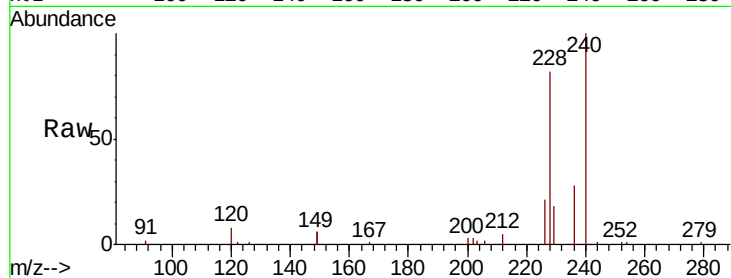
Tgt Ion:240 Resp: 10345

Ion Ratio Lower Upper

240 100

120 7.8 3.8 5.6#

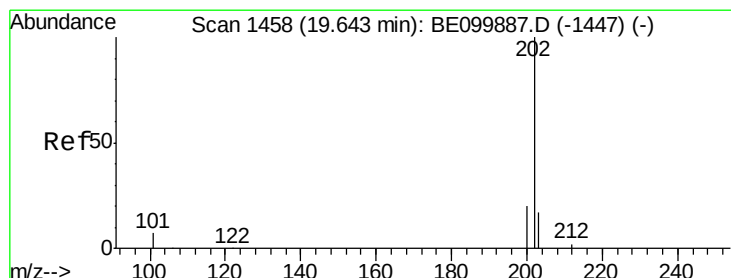
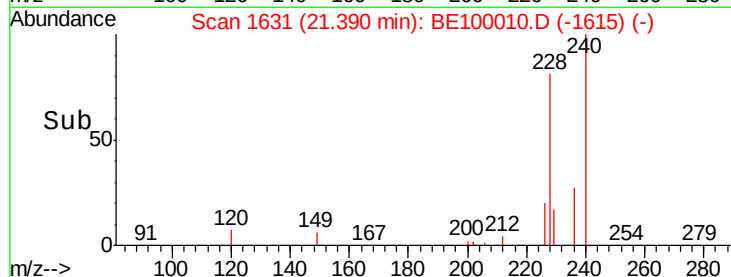
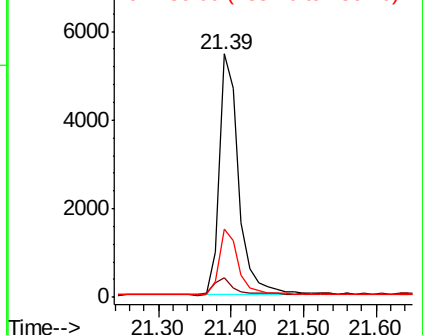
236 28.1 22.0 33.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.479 ng

RT: 19.64 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

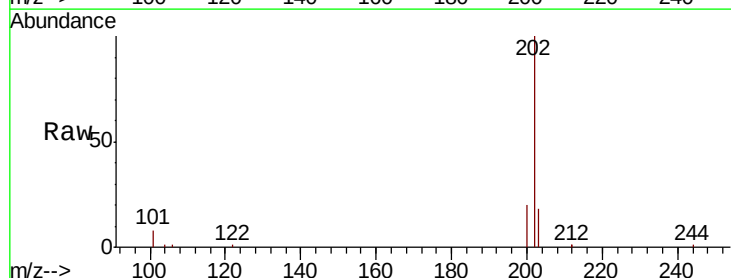
Tgt Ion:202 Resp: 13032

Ion Ratio Lower Upper

202 100

200 19.3 15.5 23.3

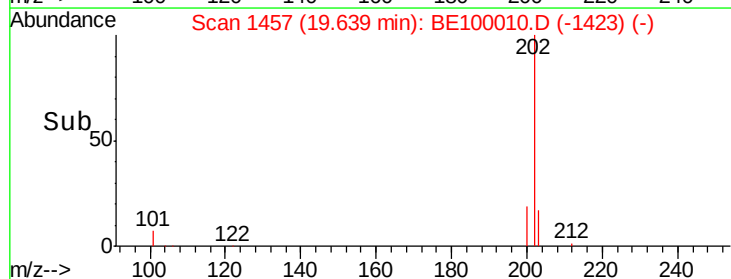
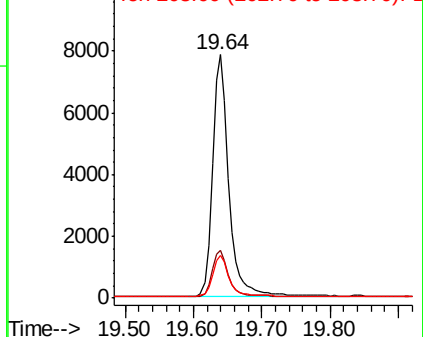
203 17.5 14.0 21.0

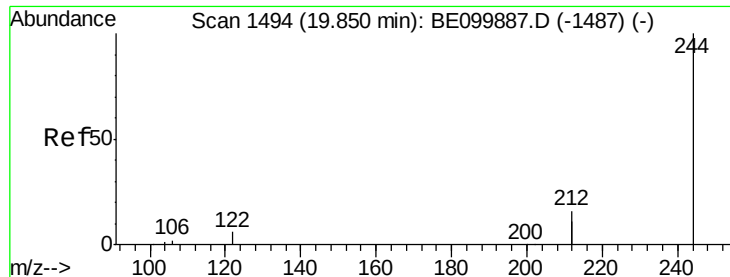


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.446 ng

RT: 19.85 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

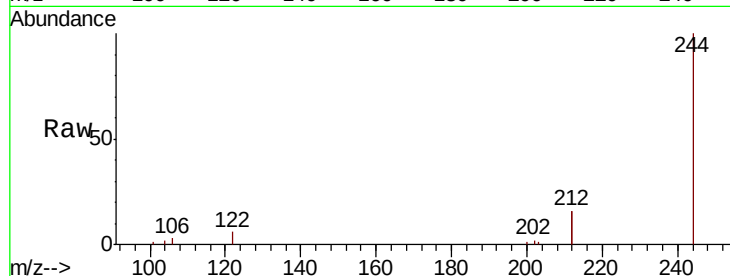
Tgt Ion:244 Resp: 8312

Ion Ratio Lower Upper

244 100

212 31.4 25.7 38.5

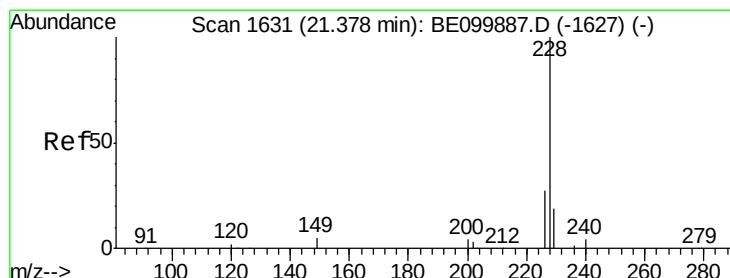
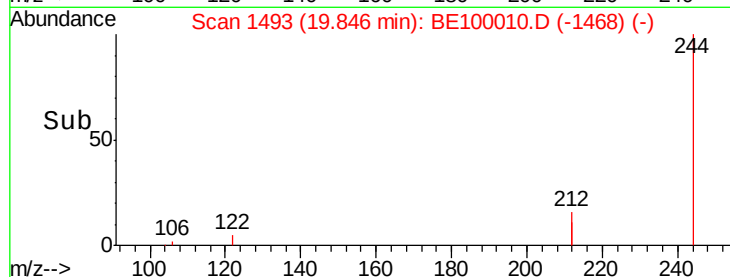
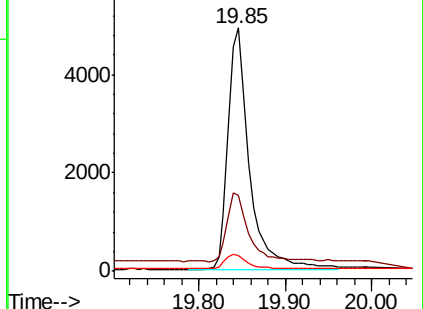
122 6.4 5.5 8.3



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: 0.429 ng

RT: 21.38 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

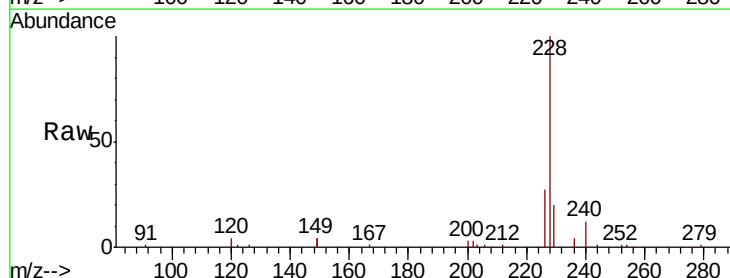
Tgt Ion:228 Resp: 13257

Ion Ratio Lower Upper

228 100

226 27.1 22.5 33.7

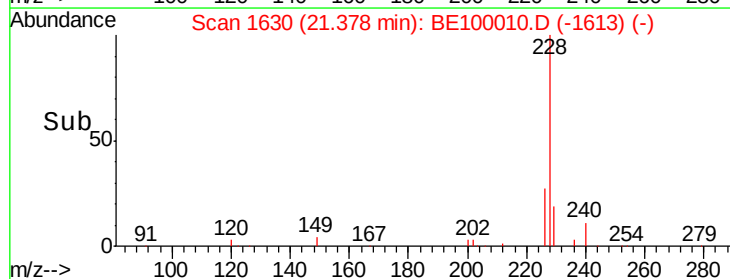
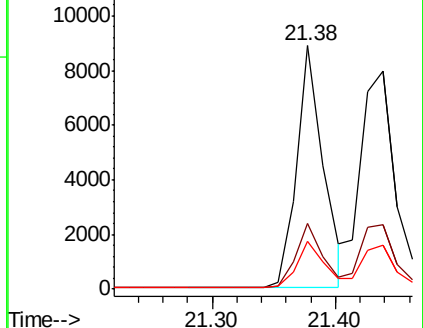
229 19.6 15.9 23.9

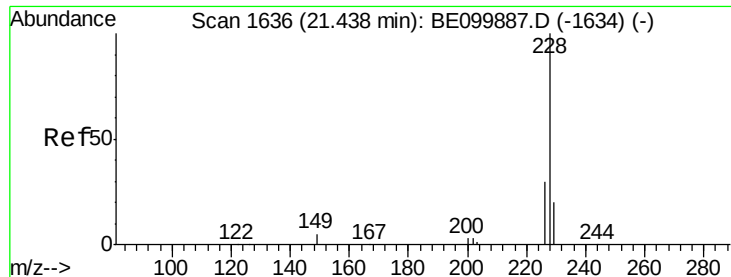


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.473 ng

RT: 21.44 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

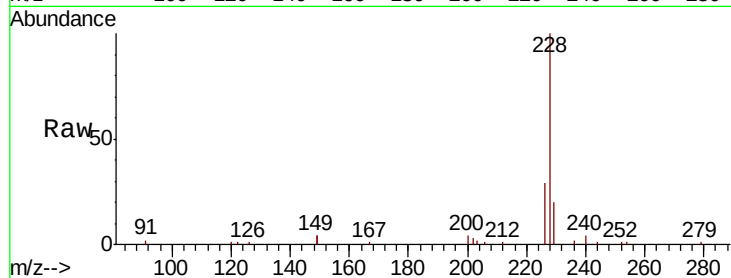
Tgt Ion:228 Resp: 15108

Ion Ratio Lower Upper

228 100

226 29.3 24.1 36.1

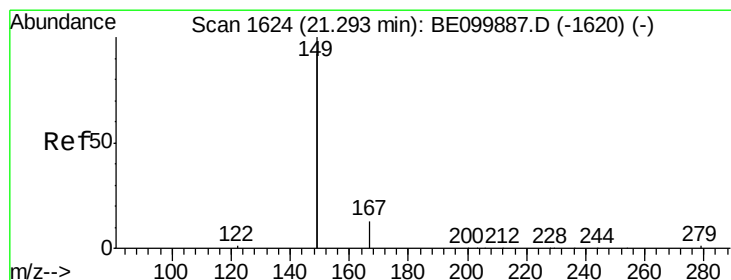
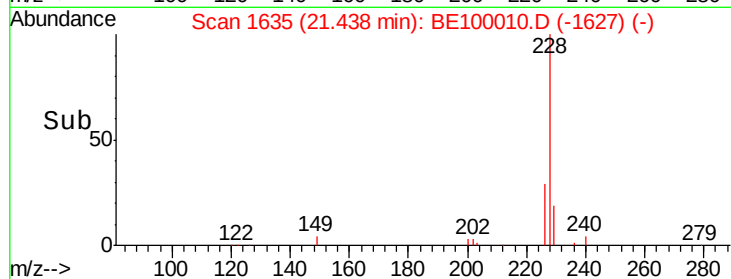
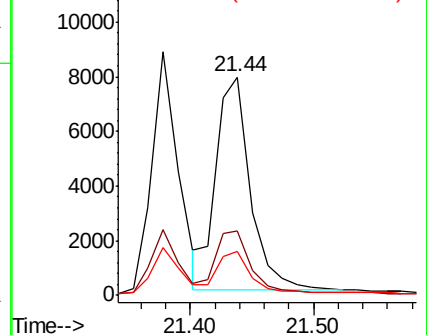
229 20.1 16.1 24.1



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: 0.405 ng

RT: 21.29 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

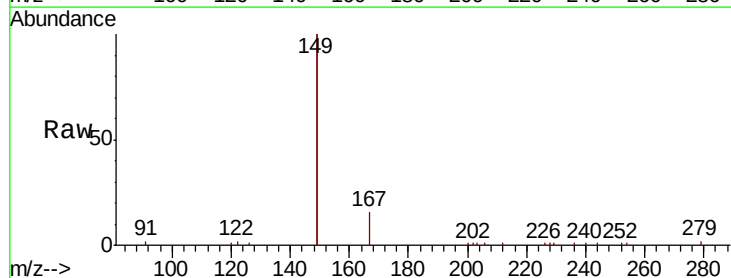
Tgt Ion:149 Resp: 17952

Ion Ratio Lower Upper

149 100

167 7.7 5.9 8.9

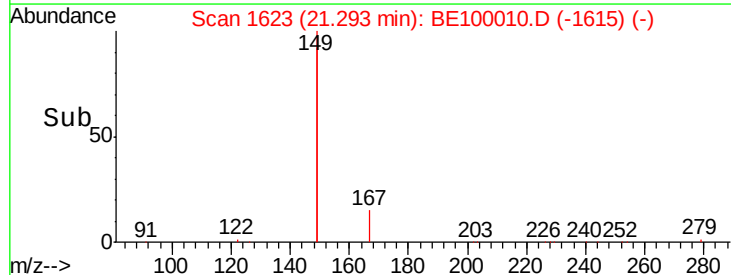
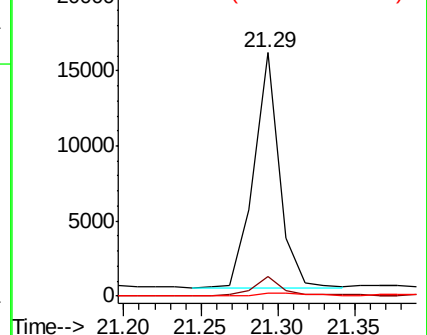
279 1.2 1.2 1.8

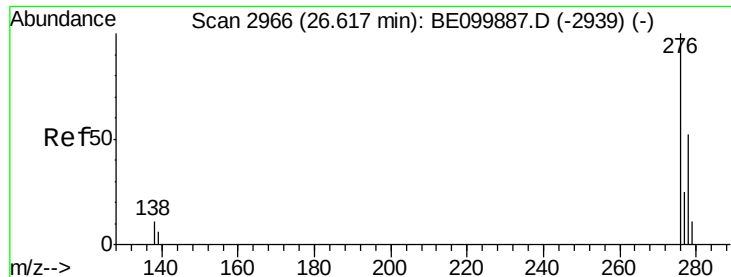


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.435 ng

RT: 26.60 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

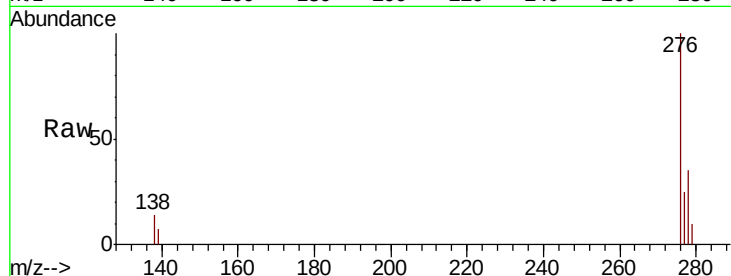
Tgt Ion:276 Resp: 16477

Ion Ratio Lower Upper

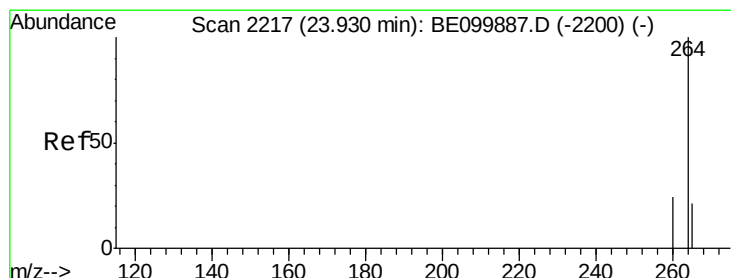
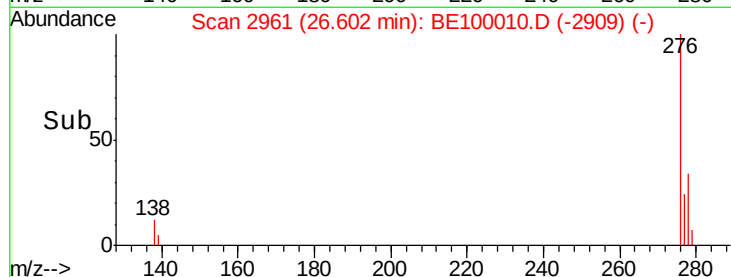
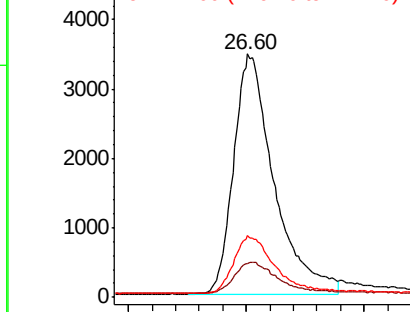
276 100

138 14.0 10.1 15.1

277 24.8 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: 23.92 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

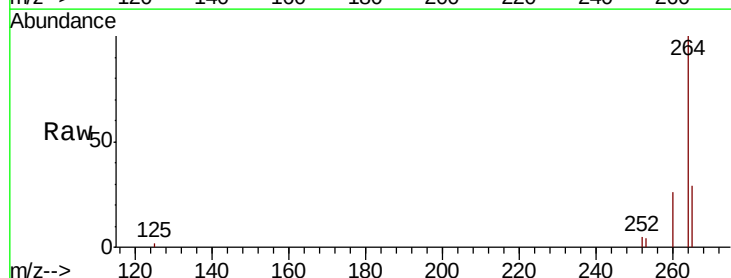
Tgt Ion:264 Resp: 11706

Ion Ratio Lower Upper

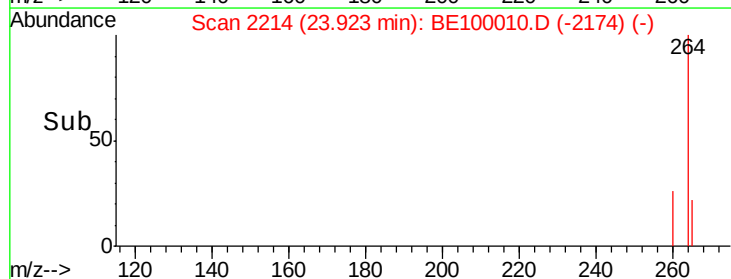
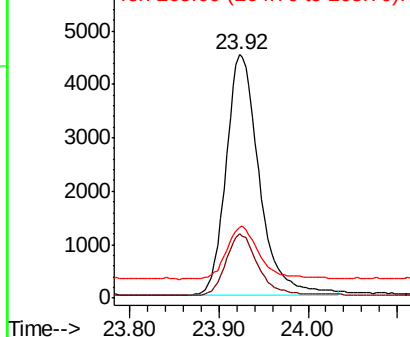
264 100

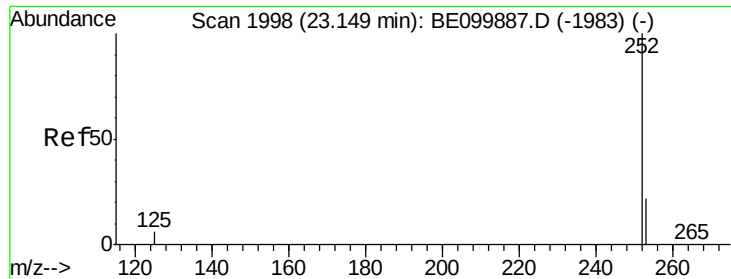
260 26.4 20.2 30.2

265 29.2 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

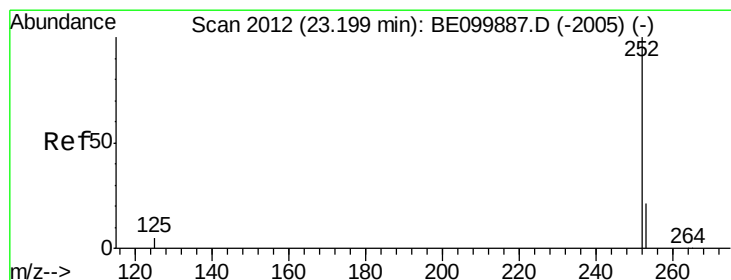
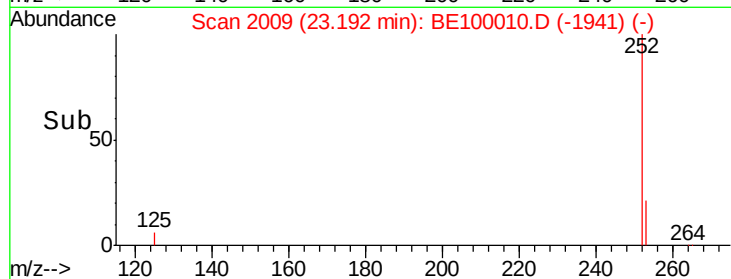
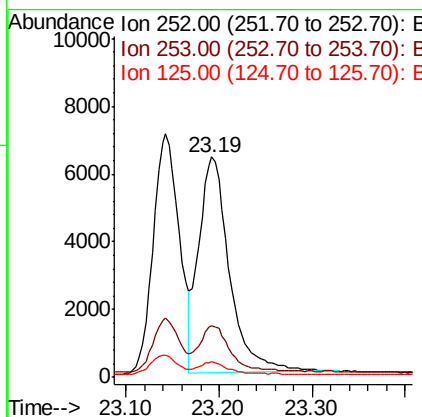
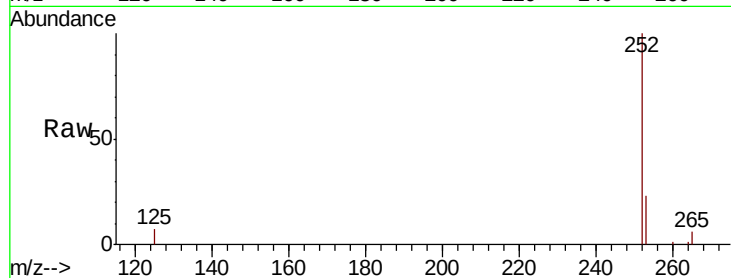




#35
Benzo(b)fluoranthene
Concen: 0.446 ng
RT: 23.19 min Scan# 2009
Delta R.T. 0.04 min
Lab File: BE100010.D
Acq: 14 Jun 2019 3:24

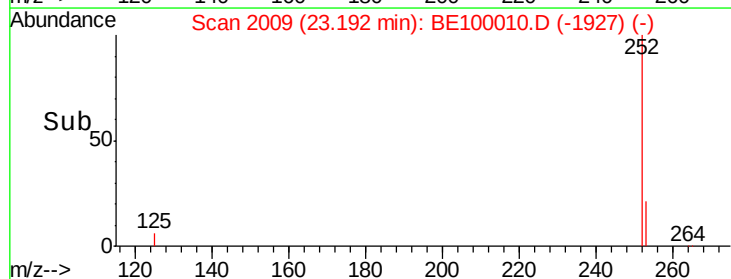
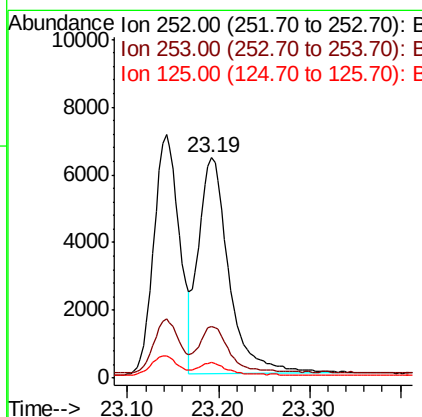
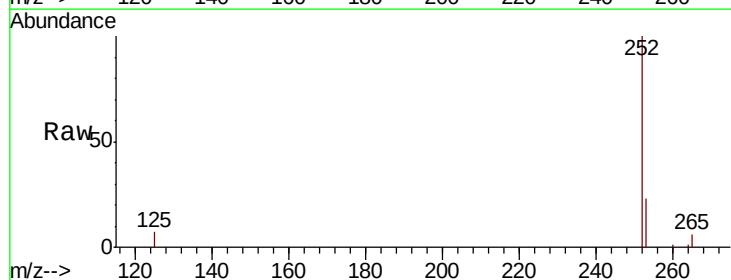
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

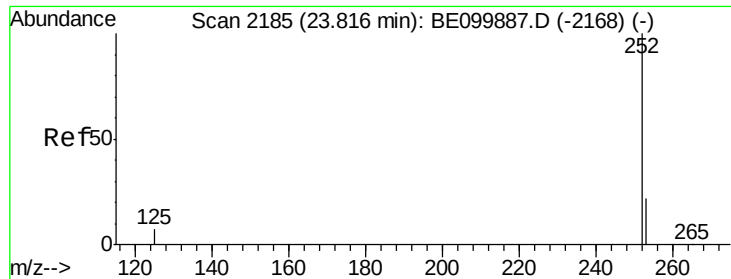
Tgt Ion: 252 Resp: 14643
Ion Ratio Lower Upper
252 100
253 23.2 18.7 28.1
125 7.1 5.7 8.5



#36
Benzo(k)fluoranthene
Concen: 0.429 ng
RT: 23.19 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BE100010.D
Acq: 14 Jun 2019 3:24

Tgt Ion: 252 Resp: 14727
Ion Ratio Lower Upper
252 100
253 23.2 18.6 28.0
125 7.1 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.426 ng

RT: 23.81 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

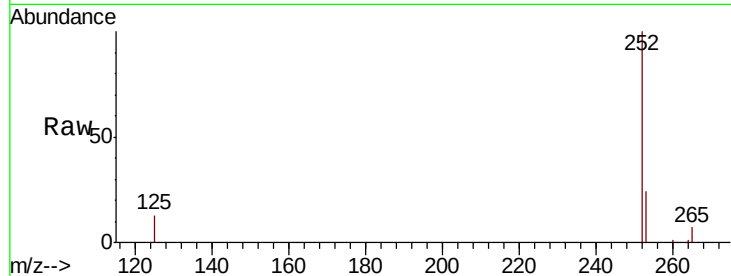
Tgt Ion:252 Resp: 13778

Ion Ratio Lower Upper

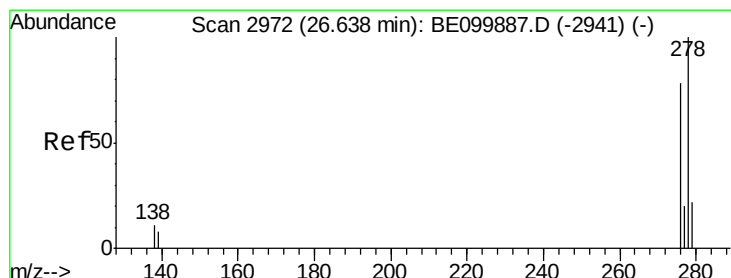
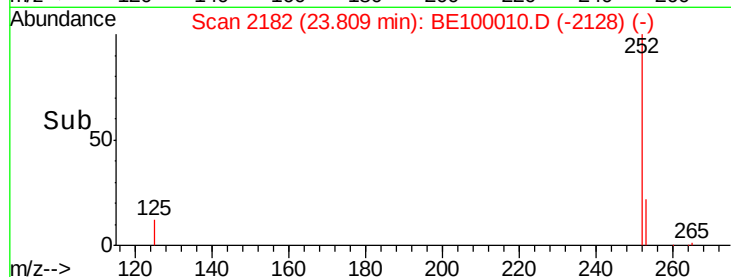
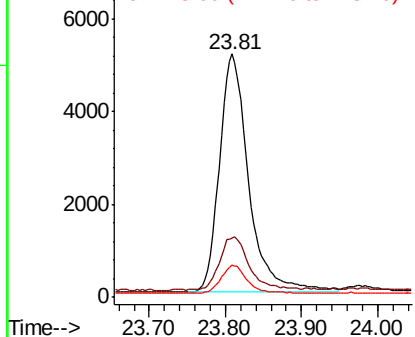
252 100

253 24.2 19.6 29.4

125 13.4 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: 0.406 ng

RT: 26.63 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BE100010.D

Acq: 14 Jun 2019 3:24

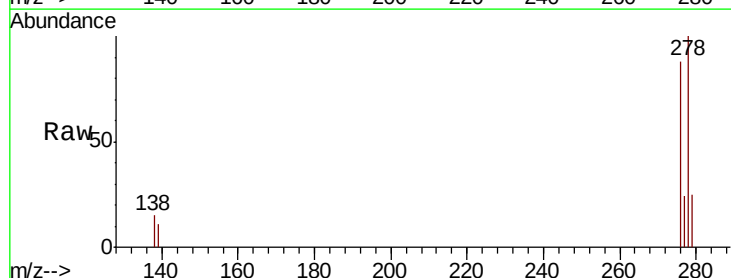
Tgt Ion:278 Resp: 13215

Ion Ratio Lower Upper

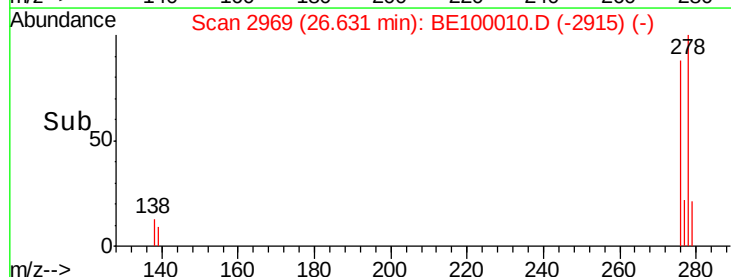
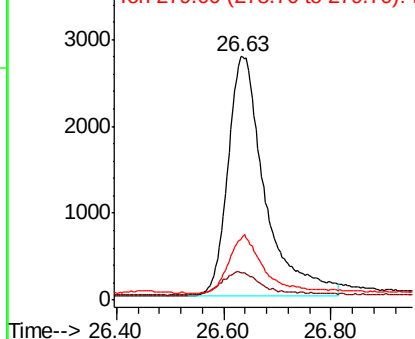
278 100

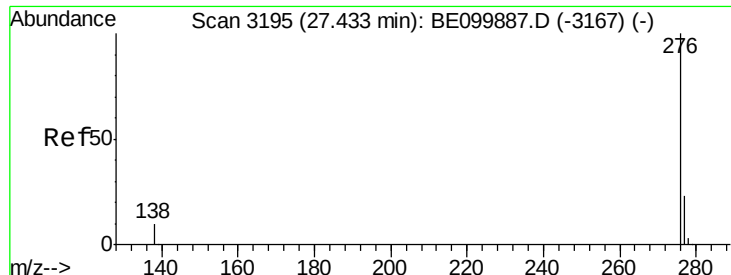
139 11.3 7.8 11.8

279 24.6 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(g,h,i)perylene

Concen: 0.416 ng

RT: 27.43 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BE100010.D

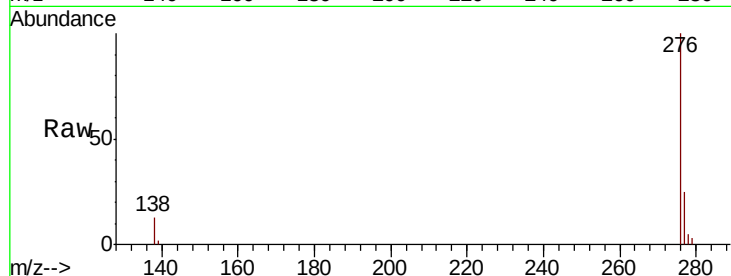
Acq: 14 Jun 2019 3:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 13994

Ion Ratio Lower Upper

276 100

277 25.0 19.5 29.3

138 13.5 9.5 14.3

