

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100025.D
 Acq On : 14 Jun 2019 16:19
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 15 00:49:17 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	875	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3287	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	2422	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	7268	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8974	0.40	ng	0.00
34) Perylene-d12	23.93	264	10063	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	985	0.42	ng	0.00
5) Phenol-d6	6.97	99	1275	0.42	ng	0.00
8) Nitrobenzene-d5	8.97	82	1285	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	2419	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	616	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	3809	0.41	ng	-0.01
25) Fluoranthene-d10	19.25	212	37880	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	7376	0.46	ng	0.00

Target Compounds

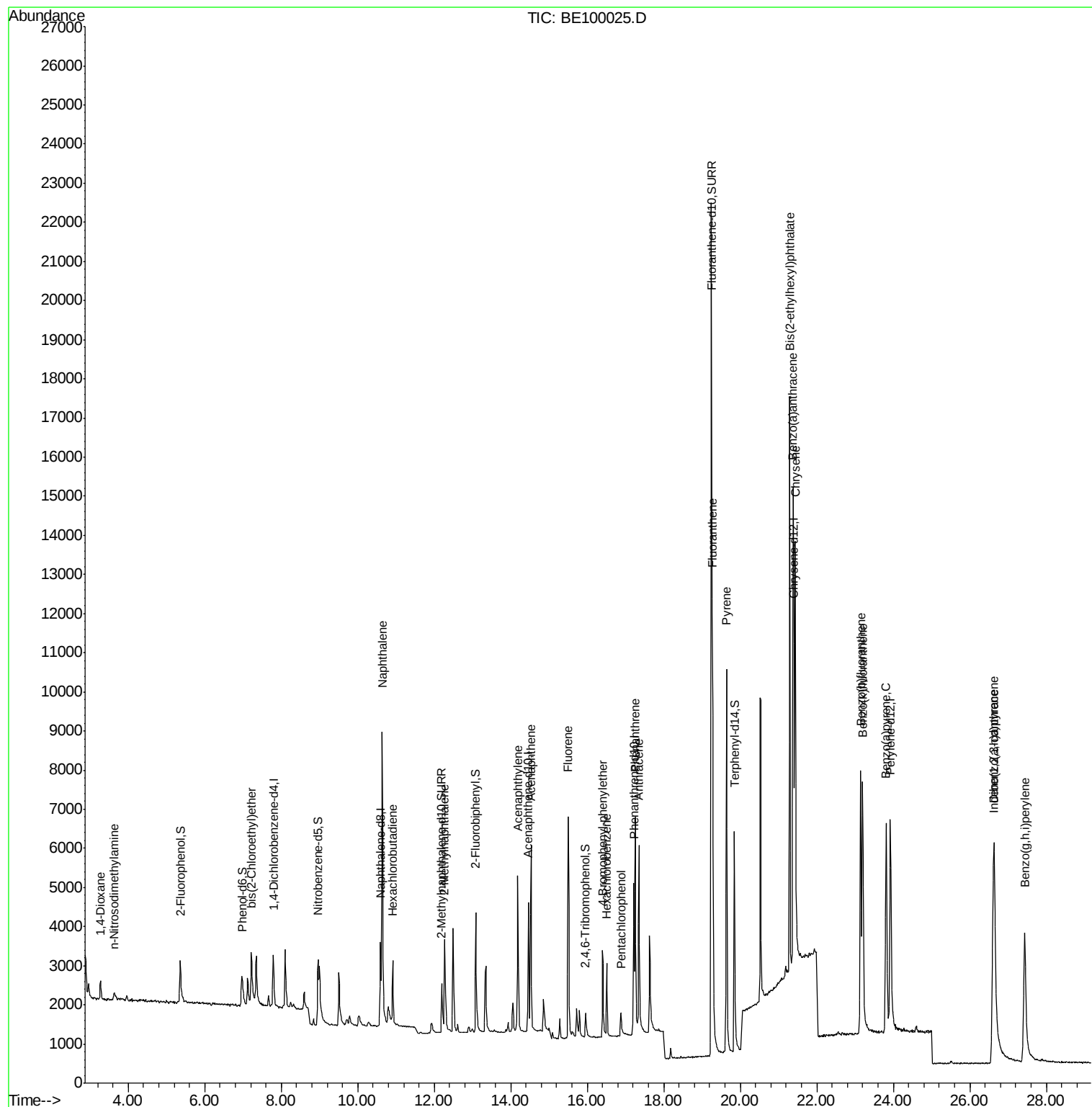
						Qvalue
2) 1,4-Dioxane	3.28	88	493	0.381	ng	97
3) n-Nitrosodimethylamine	3.62	42	178	0.238	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	949	0.382	ng	92
9) Naphthalene	10.64	128	14702	0.414	ng	99
10) Hexachlorobutadiene	10.91	225	1167	0.431	ng	98
12) 2-Methylnaphthalene	12.27	142	2388	0.414	ng	95
16) Acenaphthylene	14.18	152	4957	0.411	ng	99
17) Acenaphthene	14.53	154	2572	0.392	ng	98
18) Fluorene	15.50	166	3963	0.402	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	1773	0.431	ng	# 87
21) Hexachlorobenzene	16.50	284	1747	0.415	ng	99
22) Pentachlorophenol	16.88	266	639	0.615	ng	86
23) Phenanthrene	17.25	178	6895	0.391	ng	100
24) Anthracene	17.35	178	6287	0.389	ng	100
26) Fluoranthene	19.28	202	10707	0.357	ng	99
28) Pyrene	19.64	202	11007	0.467	ng	100
30) Benzo(a)anthracene	21.38	228	12425	0.463	ng	100
31) Chrysene	21.44	228	11869	0.428	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	16749	0.435	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	13483	0.410	ng	98
35) Benzo(b)fluoranthene	23.14	252	11175	0.396	ng	96
36) Benzo(k)fluoranthene	23.20	252	12211	0.414	ng	97
37) Benzo(a)pyrene	23.81	252	11343	0.408	ng	# 95
38) Dibenzo(a,h)anthracene	26.64	278	10700	0.382	ng	# 95
39) Benzo(g,h,i)perylene	27.43	276	10903	0.377	ng	98

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
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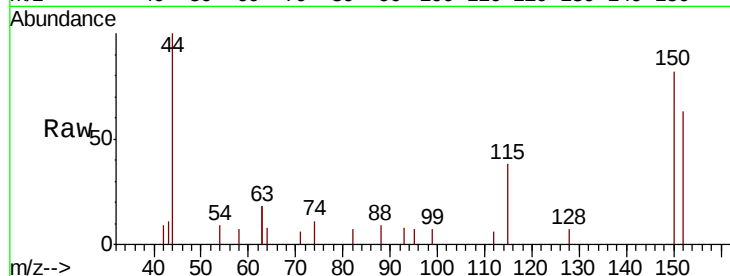


#1

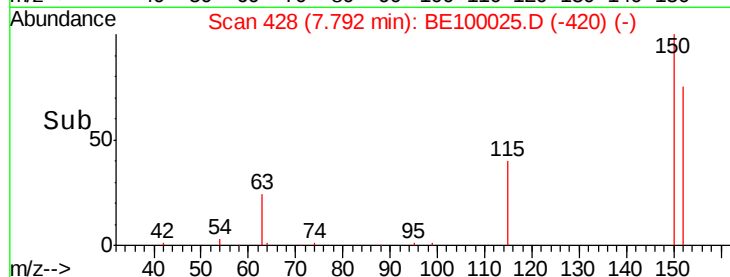
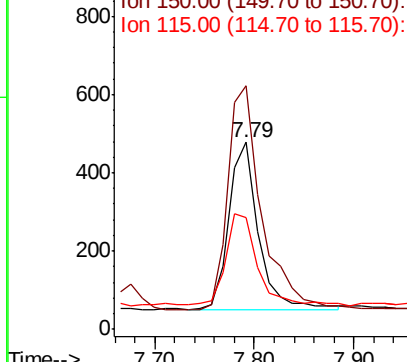
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 875
Ion Ratio Lower Upper
152 100
150 130.1 111.0 166.6
115 59.8 50.7 76.1



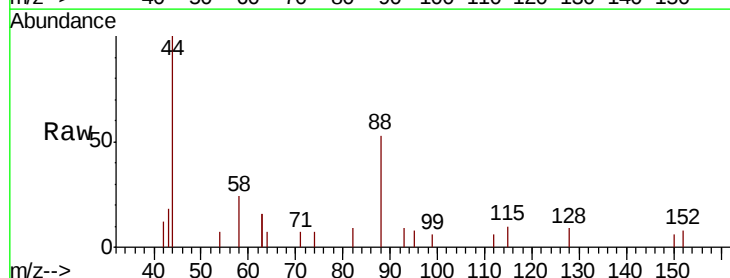
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



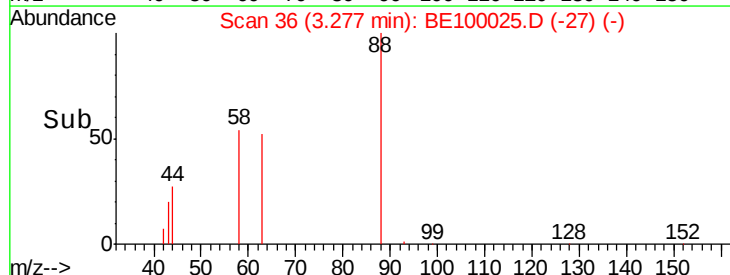
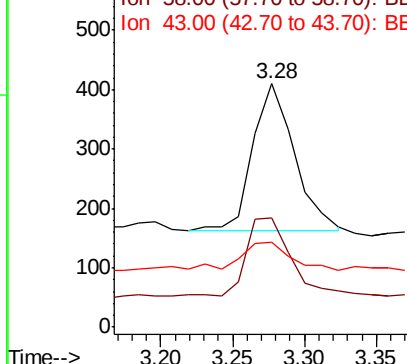
#2

1,4-Dioxane
Concen: 0.381 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion: 88 Resp: 493
Ion Ratio Lower Upper
88 100
58 57.8 48.8 73.2
43 24.1 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: 0.238 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

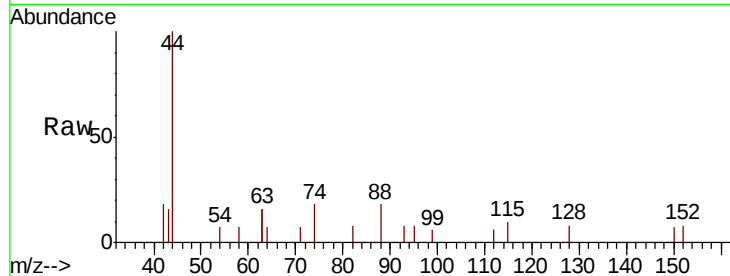
Tgt Ion: 42 Resp: 178

Ion Ratio Lower Upper

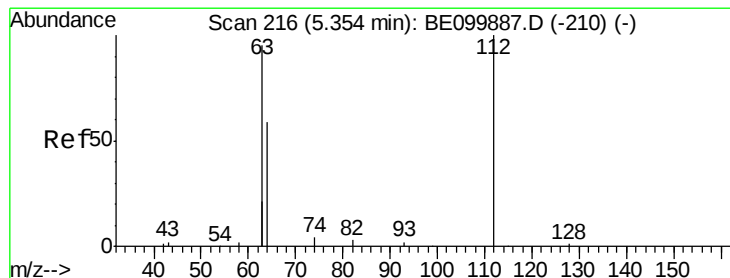
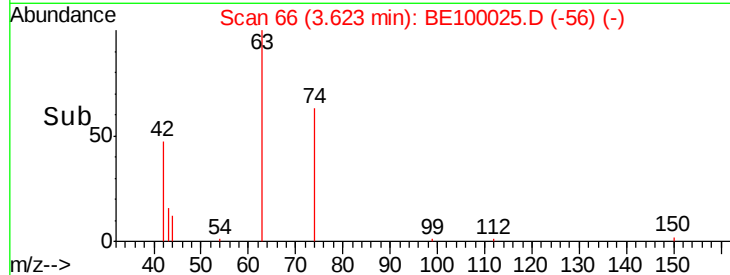
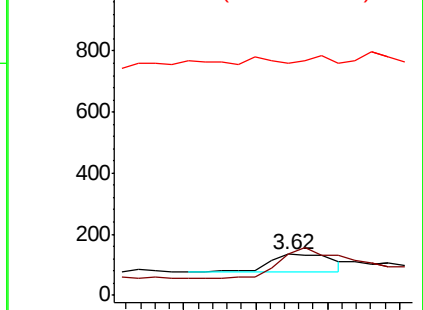
42 100

74 0.0 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: 0.417 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

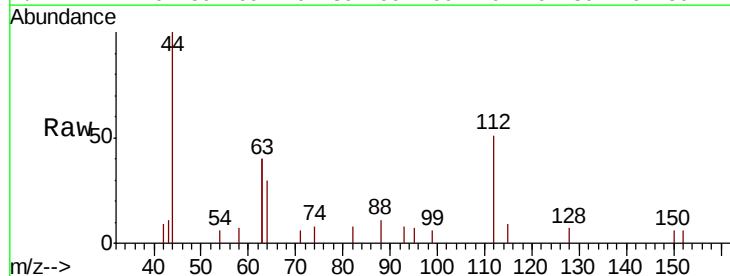
Tgt Ion: 112 Resp: 985

Ion Ratio Lower Upper

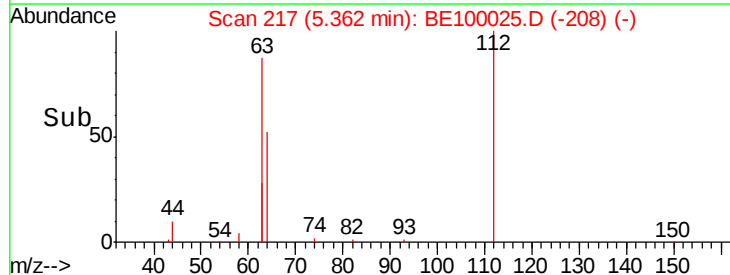
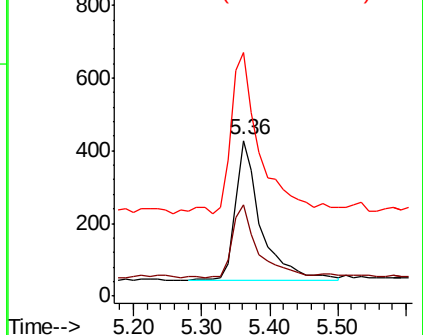
112 100

64 53.3 44.1 66.1

63 132.7 87.8 131.6#



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





#5

Phenol-d6

Concen: 0.419 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

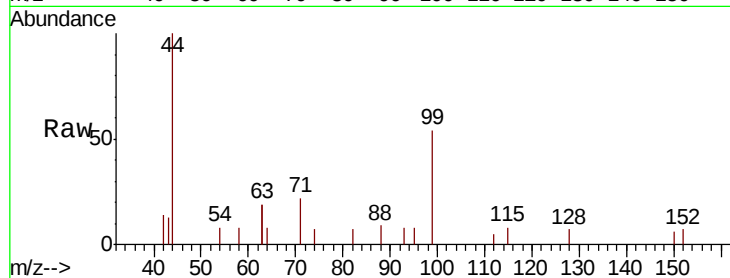
Tgt Ion: 99 Resp: 1275

Ion Ratio Lower Upper

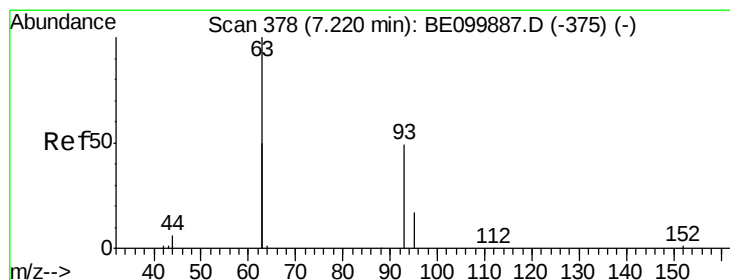
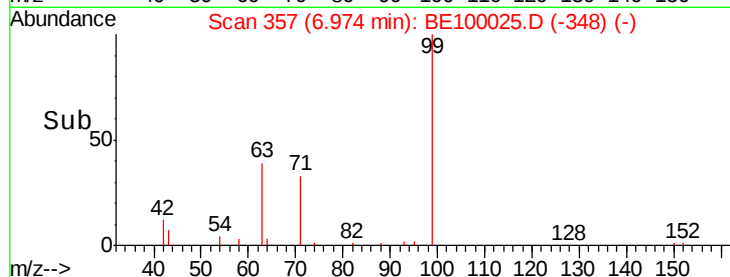
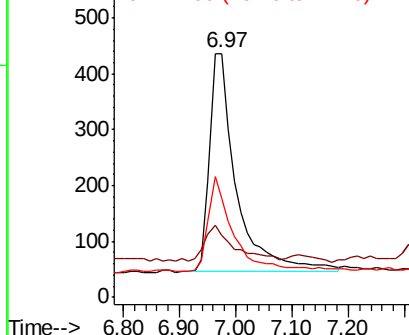
99 100

42 18.5 15.9 23.9

71 42.5 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: 0.382 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

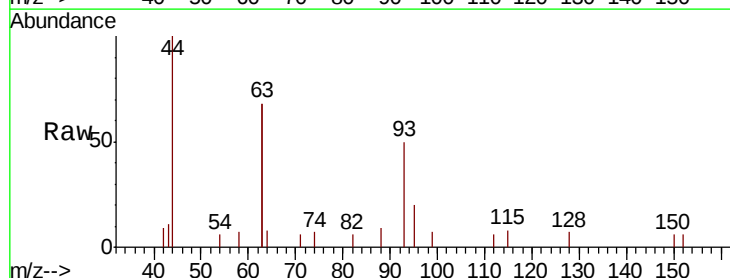
Tgt Ion: 93 Resp: 949

Ion Ratio Lower Upper

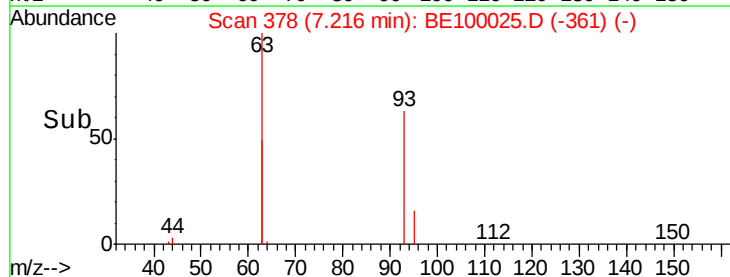
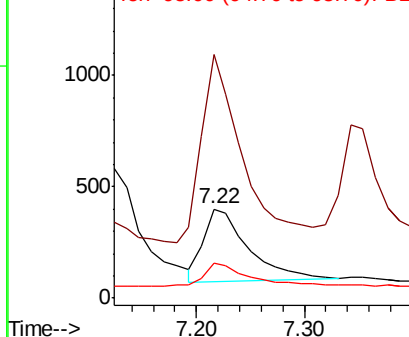
93 100

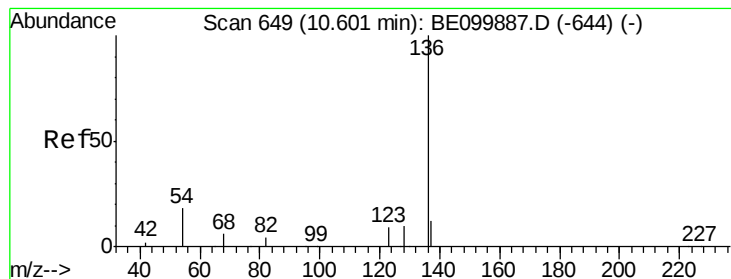
63 239.0 202.8 304.2

95 33.8 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# 649

Delta R.T. -0.01 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 3287

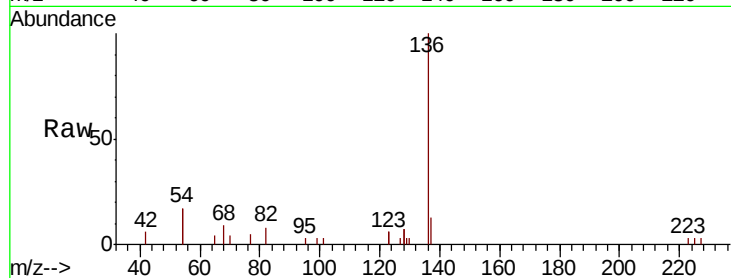
Ion Ratio Lower Upper

136 100

137 13.4 12.3 18.5

54 34.0 28.2 42.4

68 8.8 7.8 11.8

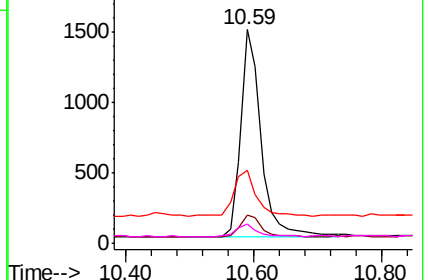
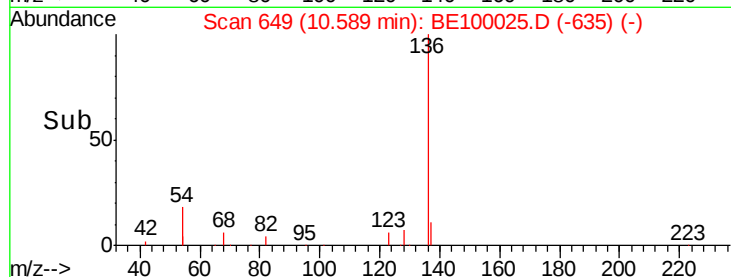


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.413 ng

RT: 8.97 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

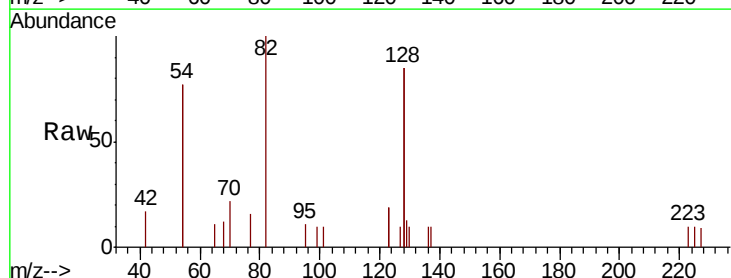
Tgt Ion: 82 Resp: 1285

Ion Ratio Lower Upper

82 100

128 169.8 137.3 205.9

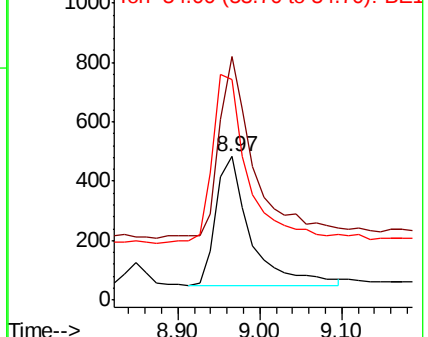
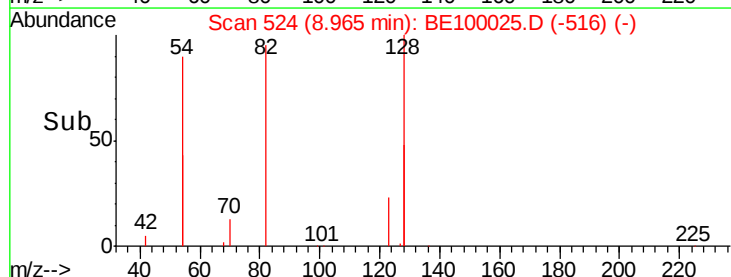
54 153.6 129.7 194.5

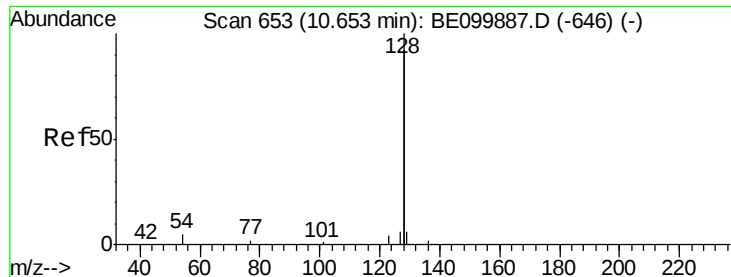


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.414 ng

RT: 10.64 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

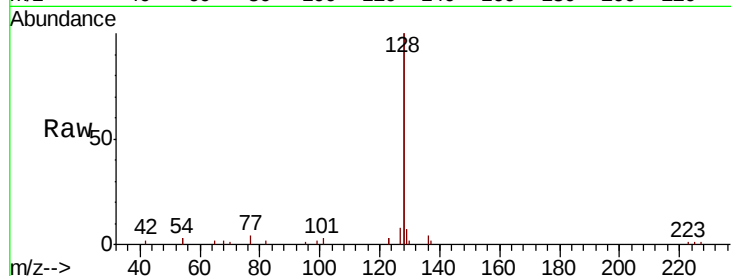
Tgt Ion:128 Resp: 14702

Ion Ratio Lower Upper

128 100

129 3.4 3.0 4.6

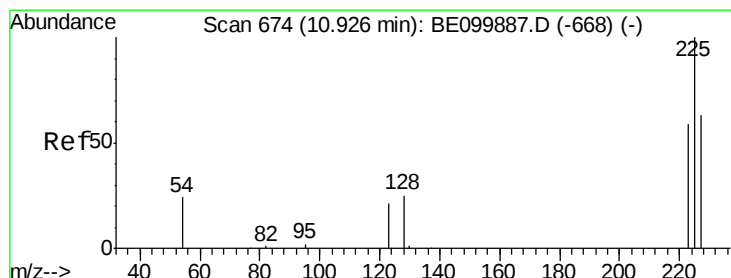
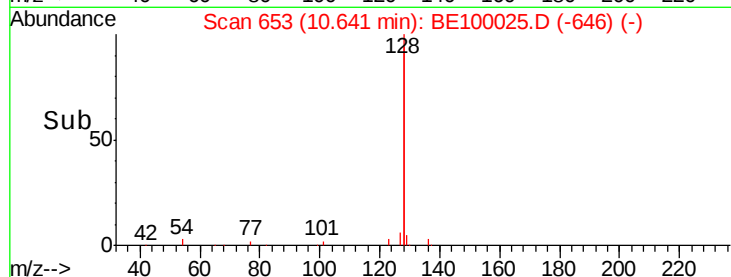
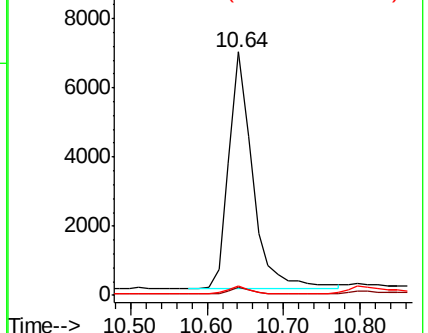
127 3.8 3.4 5.0



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: 0.431 ng

RT: 10.91 min Scan# 674

Delta R.T. -0.01 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

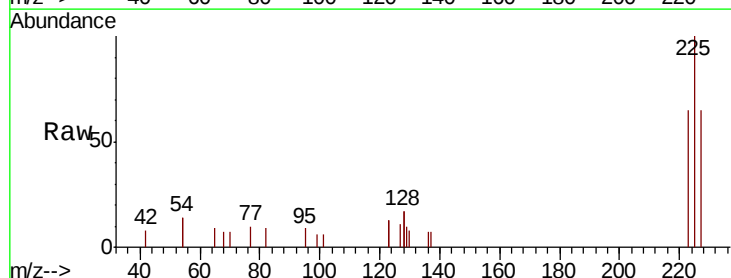
Tgt Ion:225 Resp: 1167

Ion Ratio Lower Upper

225 100

223 62.9 51.6 77.4

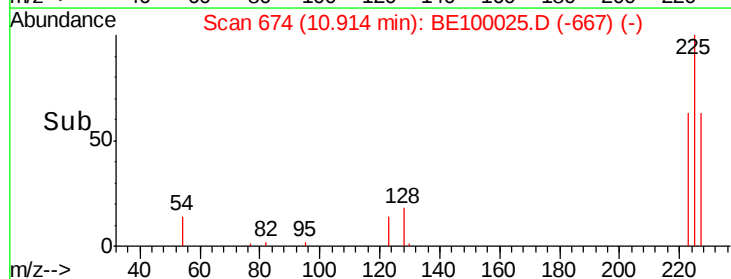
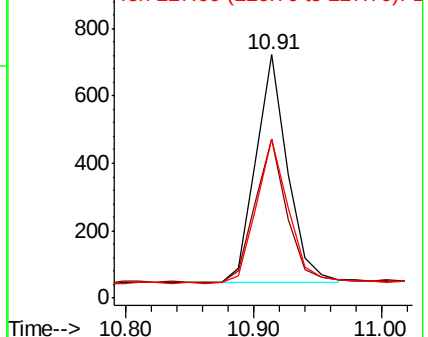
227 64.6 50.6 76.0



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: 0.422 ng

RT: 12.20 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

Instrument :

BNA_E

ClientSampleId :

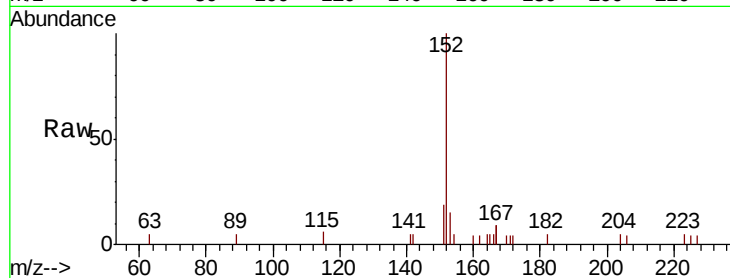
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2419

Ion Ratio Lower Upper

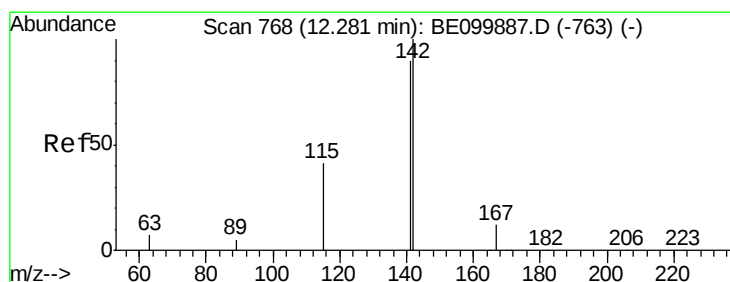
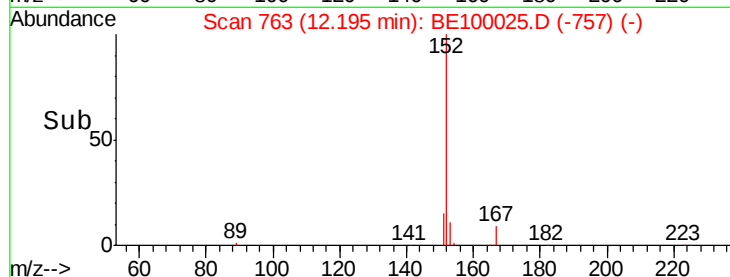
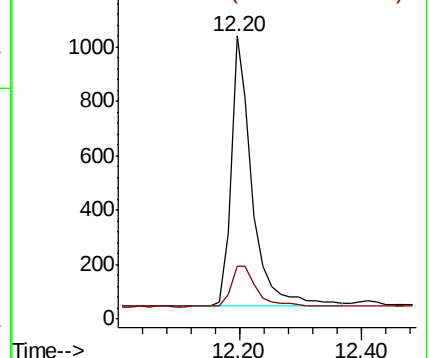
152 100

151 18.5 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.414 ng

RT: 12.27 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

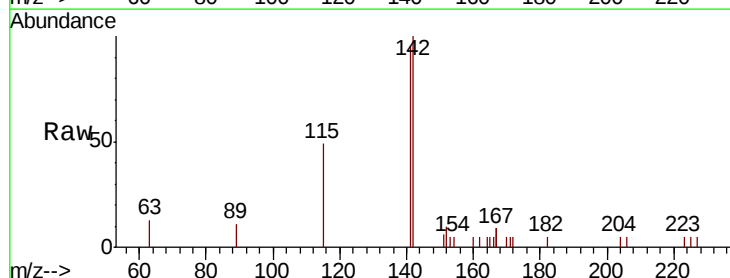
Tgt Ion:142 Resp: 2388

Ion Ratio Lower Upper

142 100

141 94.5 72.3 108.5

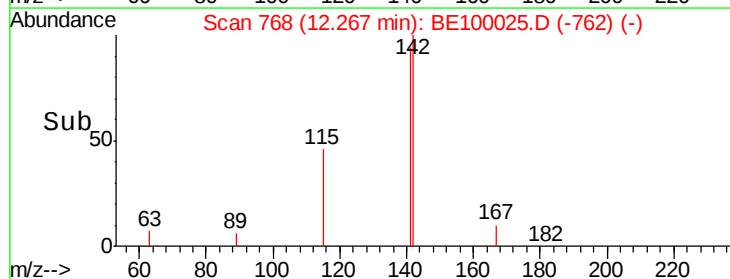
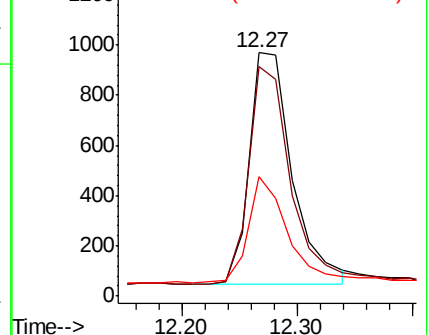
115 48.9 36.4 54.6



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

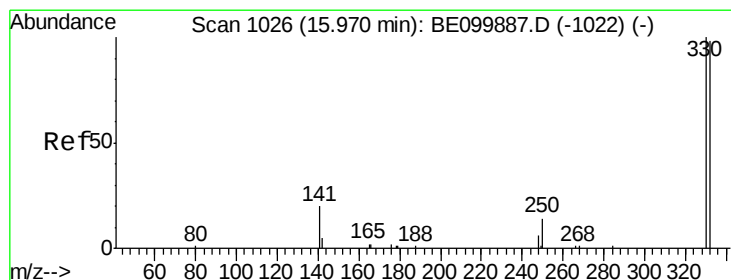
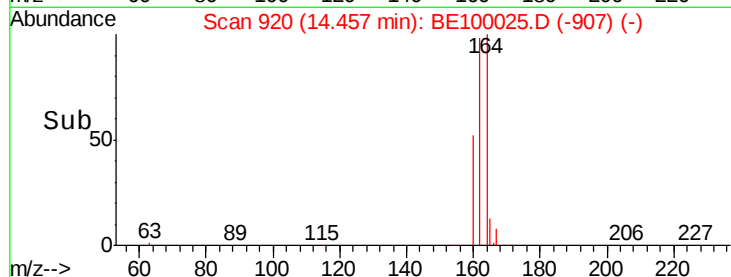
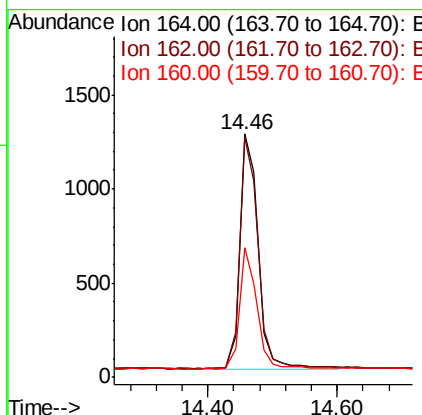
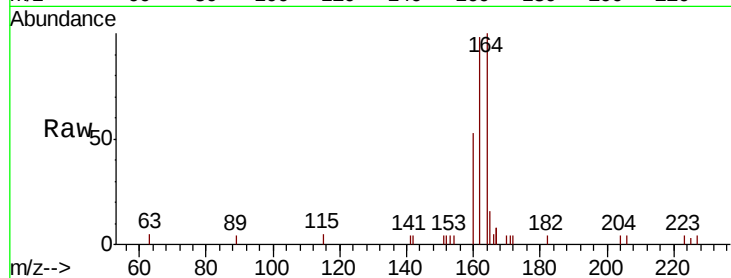




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

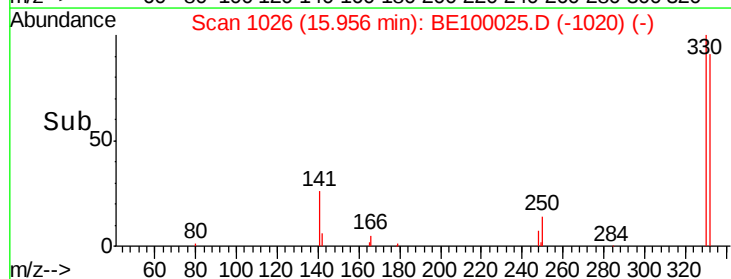
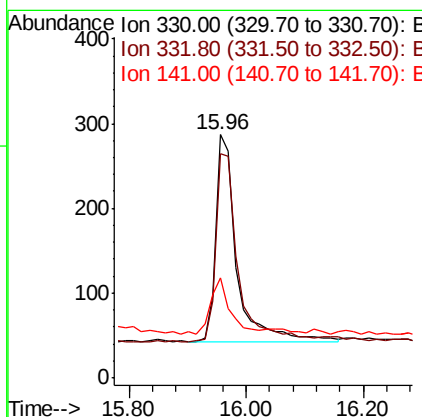
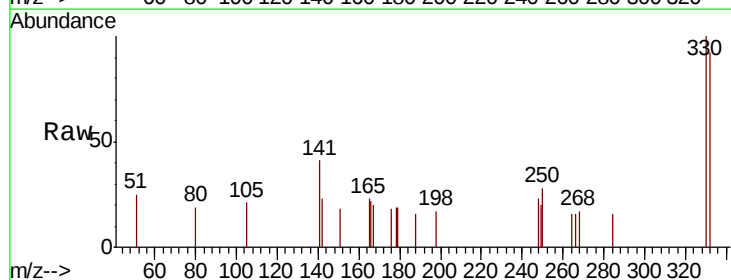
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2422
Ion Ratio Lower Upper
164 100
162 98.2 77.8 116.8
160 53.3 38.2 57.4



#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 15.96 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:330 Resp: 616
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 24.8 21.0 31.6

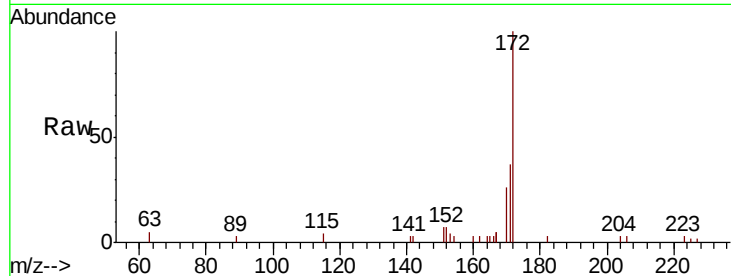




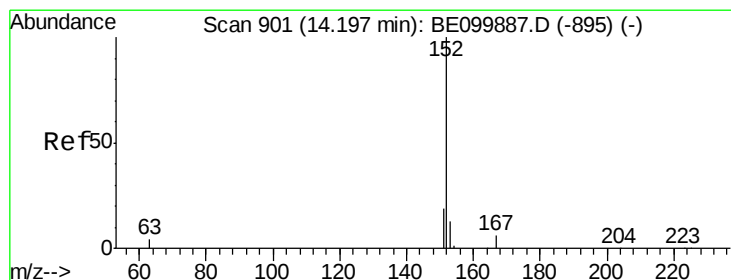
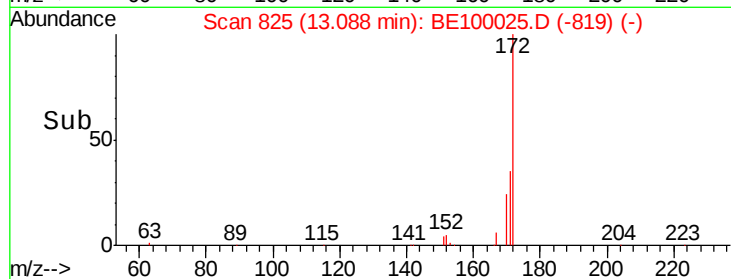
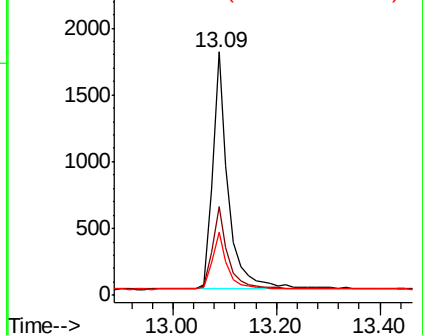
#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.09 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 3809
Ion Ratio Lower Upper
172 100
171 36.6 29.2 43.8
170 26.1 21.2 31.8

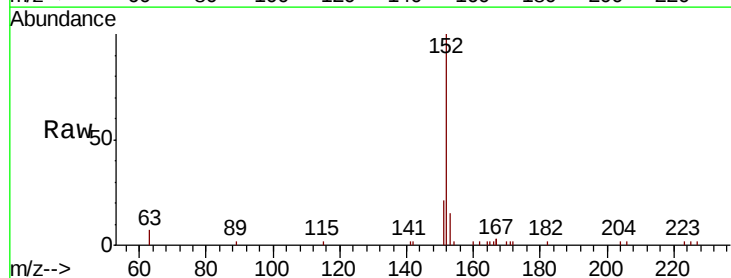


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

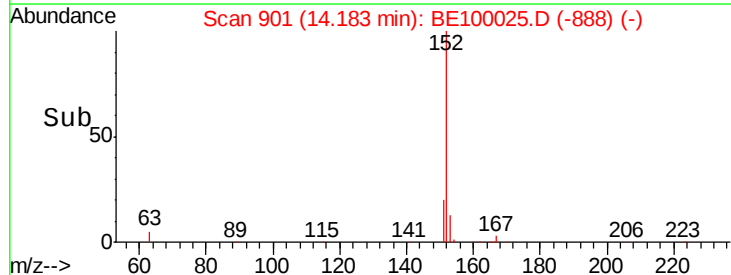
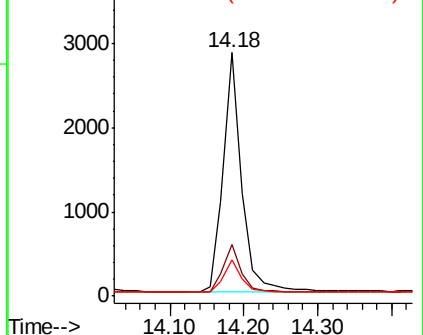


#16
Acenaphthylene
Concen: 0.411 ng
RT: 14.18 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:152 Resp: 4957
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 12.8 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: 0.392 ng

RT: 14.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

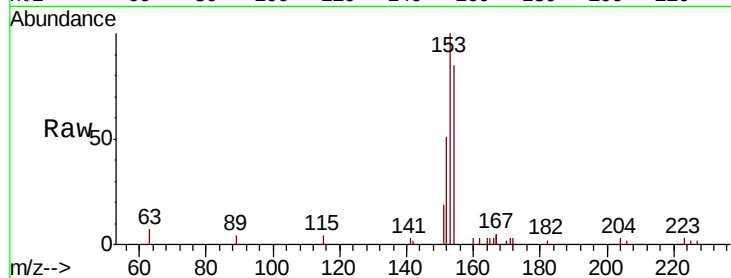
Tgt Ion:154 Resp: 2572

Ion Ratio Lower Upper

154 100

153 118.7 93.1 139.7

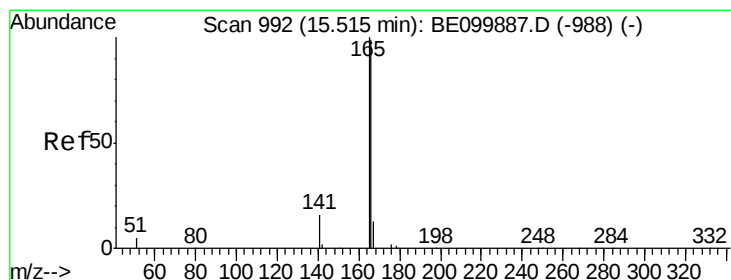
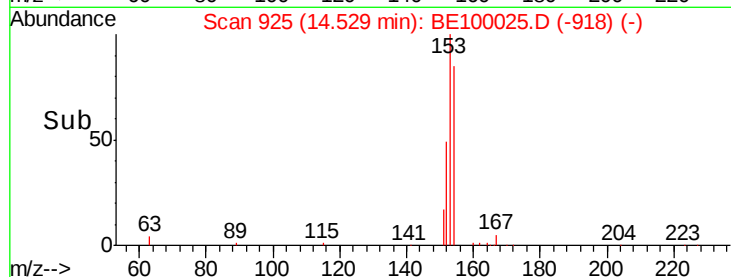
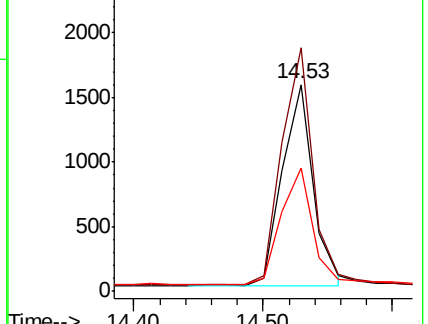
152 59.3 47.0 70.4



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: 0.402 ng

RT: 15.50 min Scan# 992

Delta R.T. -0.01 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

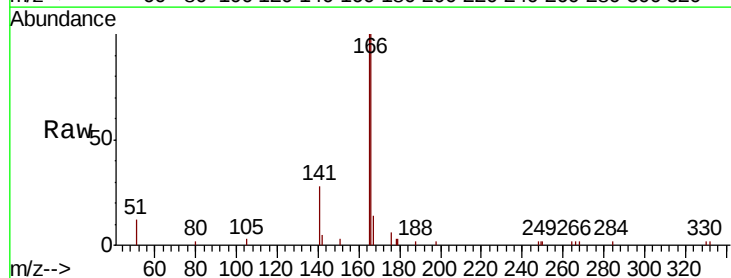
Tgt Ion:166 Resp: 3963

Ion Ratio Lower Upper

166 100

165 99.9 81.8 122.8

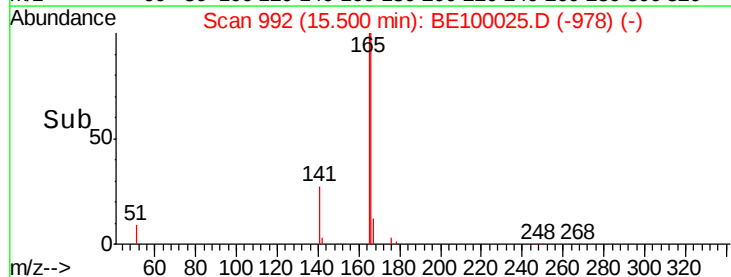
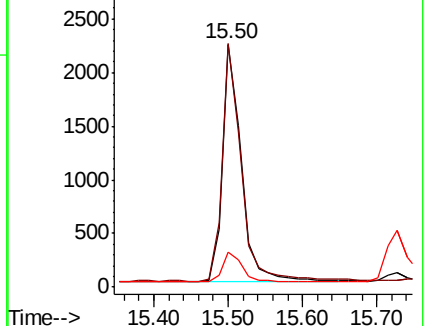
167 13.1 11.2 16.8



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# 1120

Delta R.T. -0.00 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

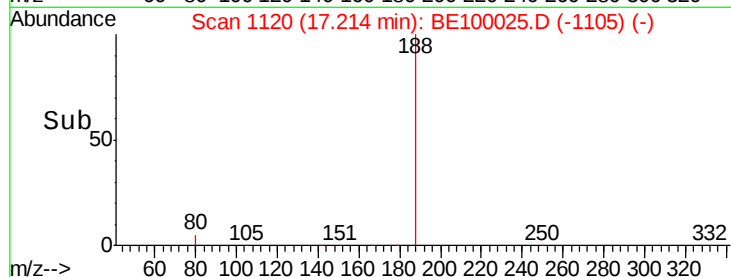
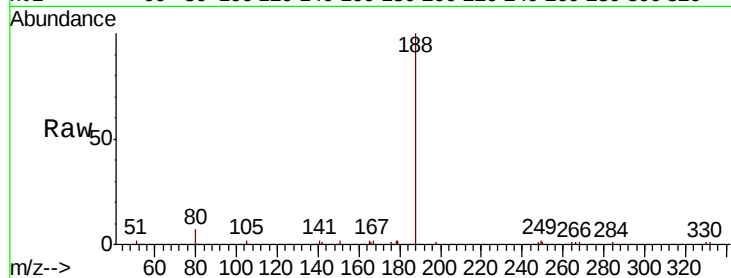
Tgt Ion:188 Resp: 7268

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

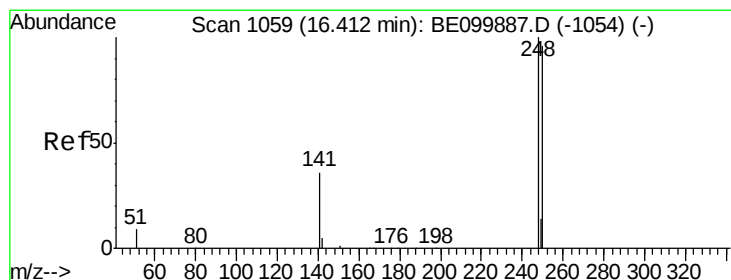
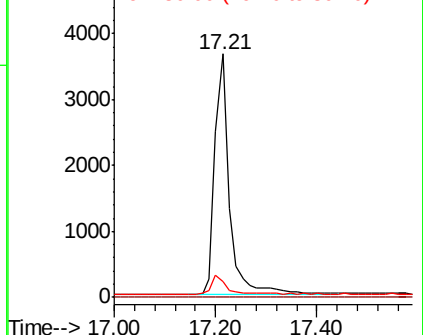
80 6.5 6.4 9.6



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: 0.431 ng

RT: 16.40 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

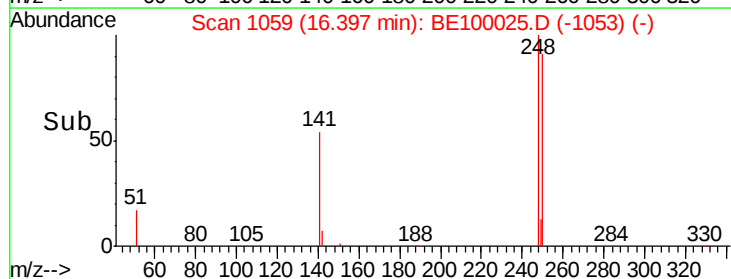
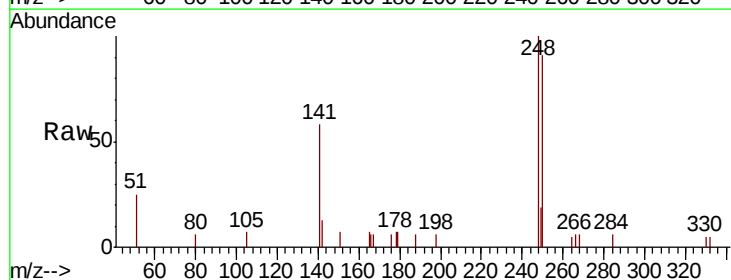
Tgt Ion:248 Resp: 1773

Ion Ratio Lower Upper

248 100

250 91.1 77.5 116.3

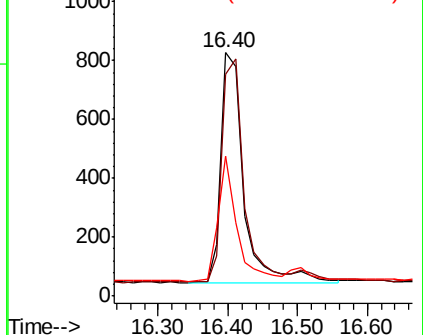
141 57.7 31.8 47.8#

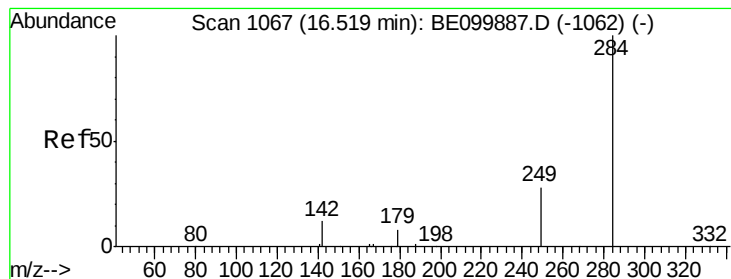


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.415 ng

RT: 16.50 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

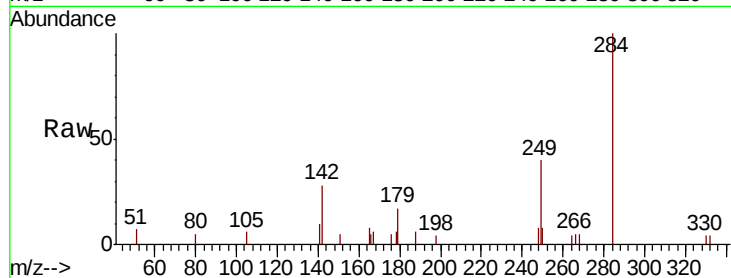
Tgt Ion:284 Resp: 1747

Ion Ratio Lower Upper

284 100

142 23.7 18.2 27.4

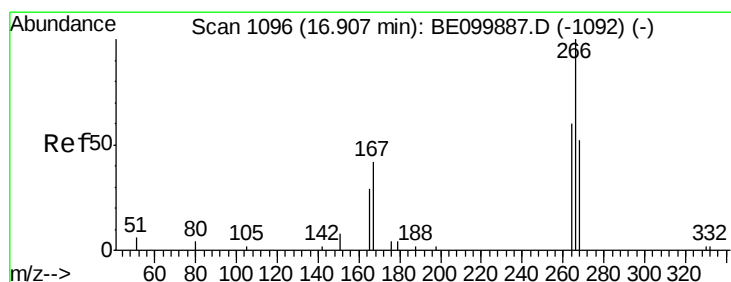
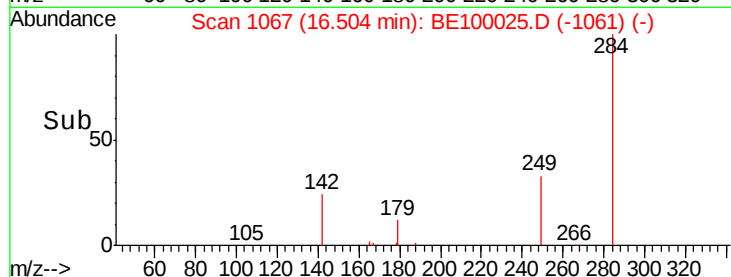
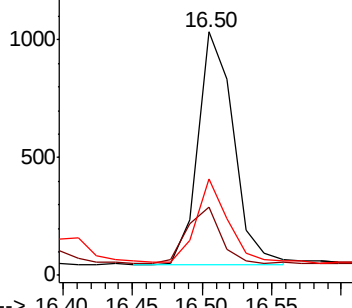
249 30.9 24.6 37.0



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: 0.615 ng

RT: 16.88 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

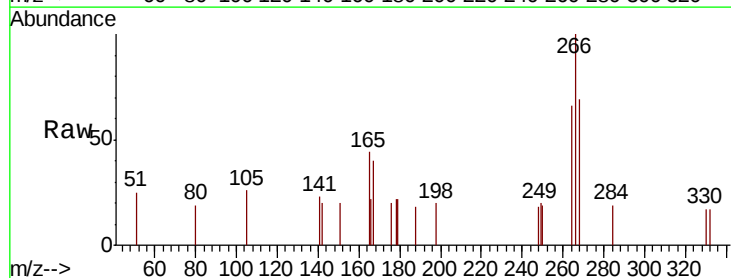
Tgt Ion:266 Resp: 639

Ion Ratio Lower Upper

266 100

264 65.5 62.2 93.2

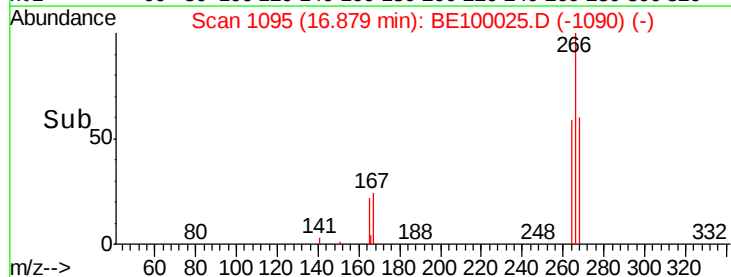
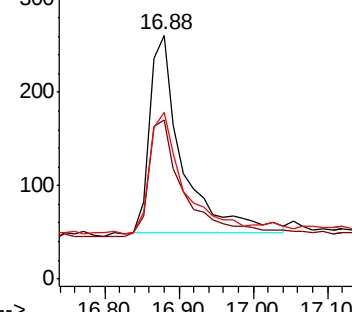
268 68.6 65.5 98.3



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: 0.391 ng

RT: 17.25 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

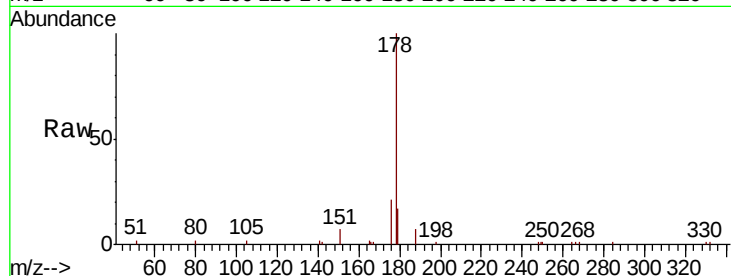
Tgt Ion:178 Resp: 6895

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

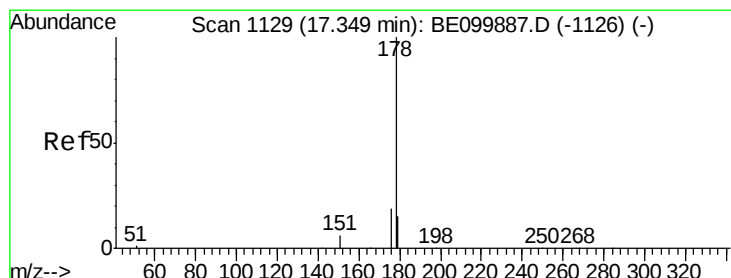
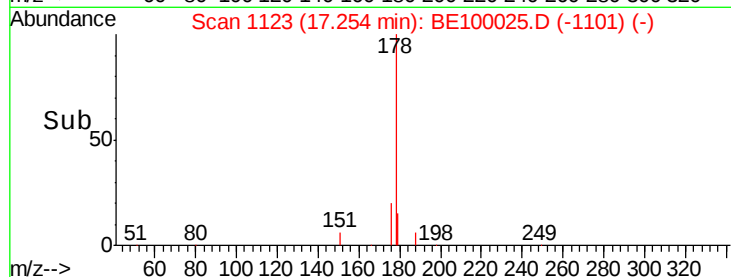
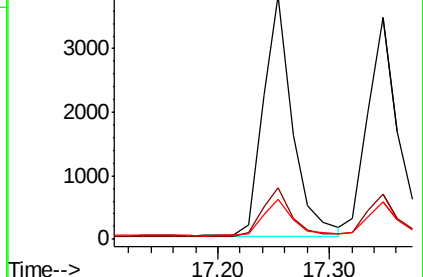
179 15.8 12.4 18.6



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: 0.389 ng

RT: 17.35 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

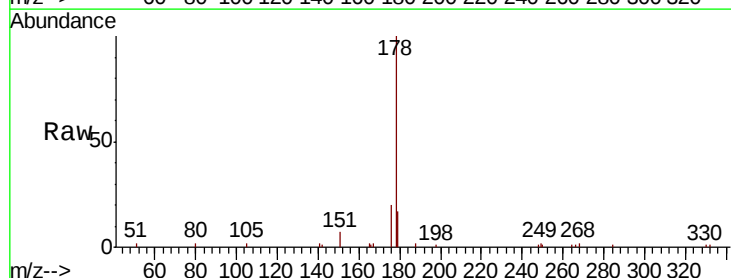
Tgt Ion:178 Resp: 6287

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

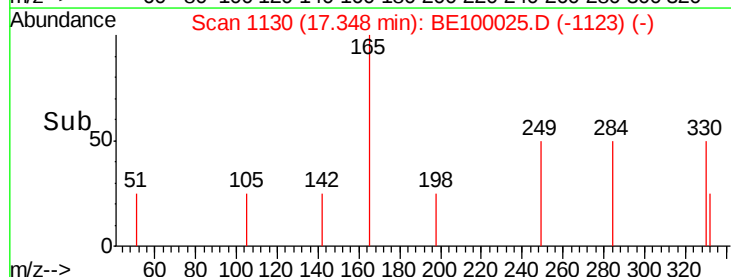
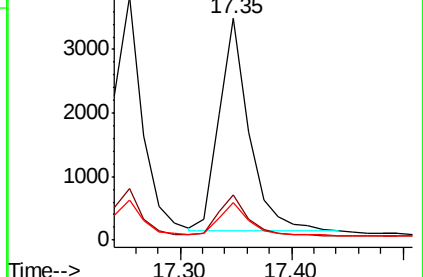
179 15.0 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

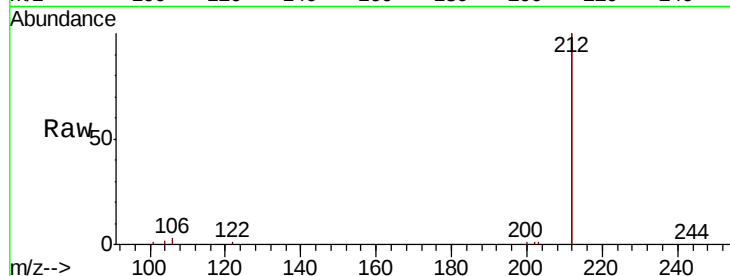
Tgt Ion:212 Resp: 37880

Ion Ratio Lower Upper

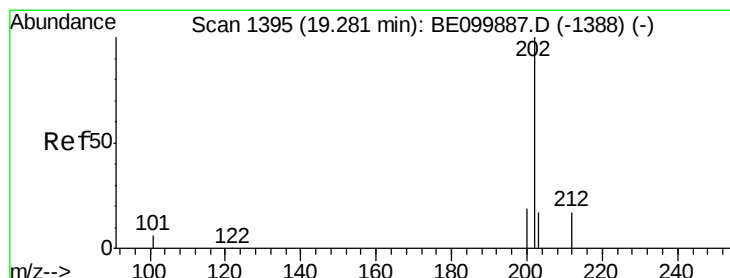
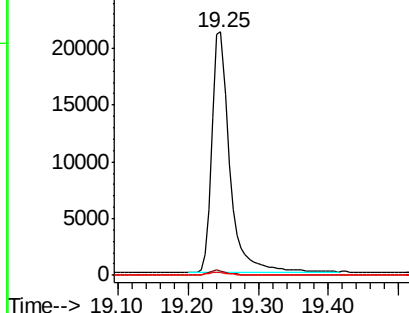
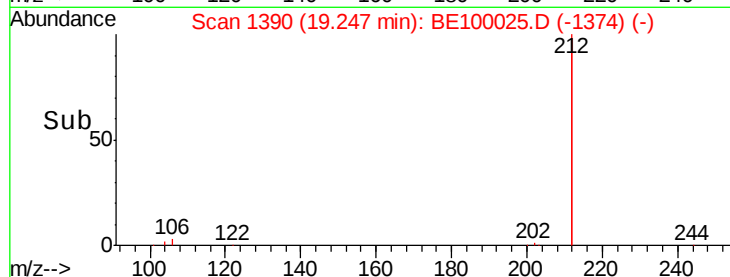
212 100

106 1.8 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: 0.357 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

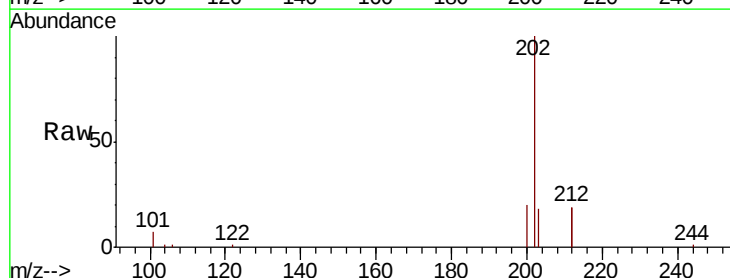
Tgt Ion:202 Resp: 10707

Ion Ratio Lower Upper

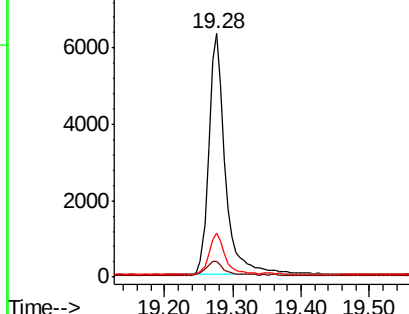
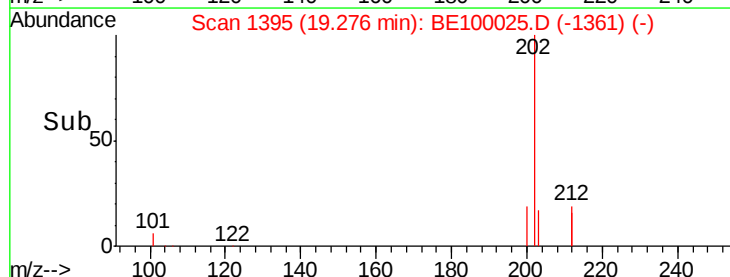
202 100

101 6.4 5.4 8.0

203 17.1 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

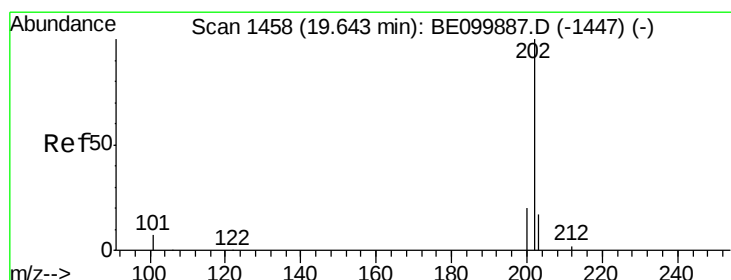
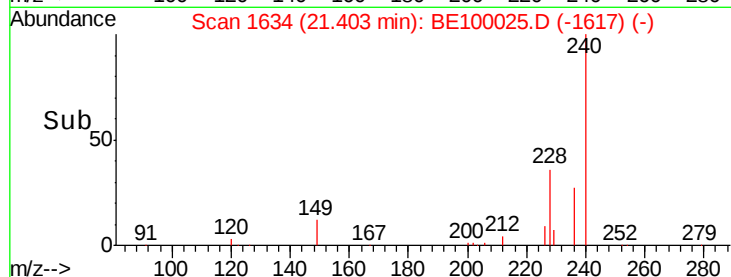
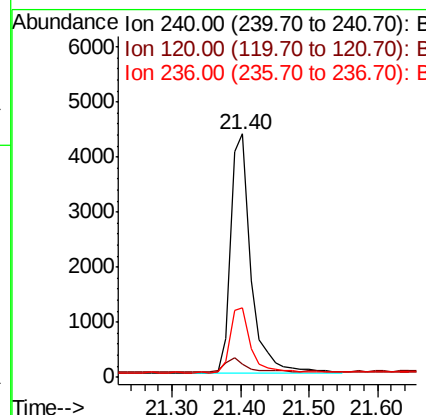
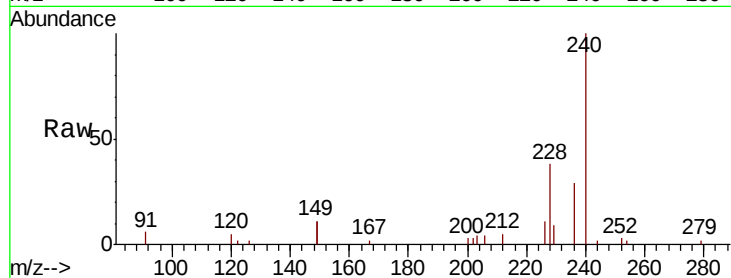




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

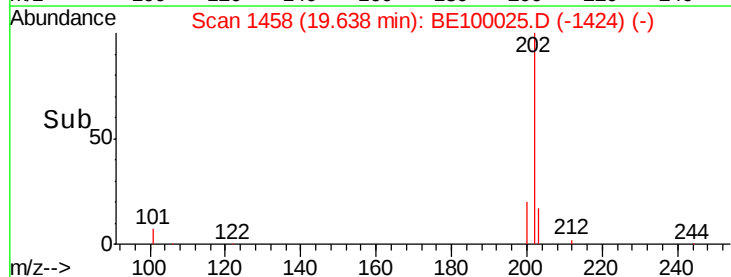
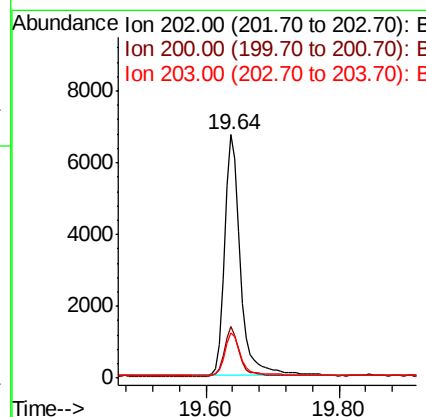
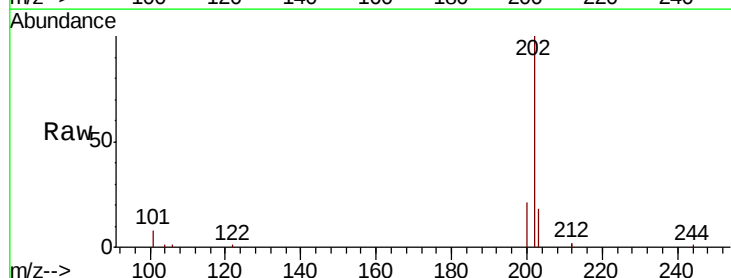
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 8974
Ion Ratio Lower Upper
240 100
120 5.4 3.8 5.6
236 28.6 22.0 33.0



#28
Pyrene
Concen: 0.467 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:202 Resp: 11007
Ion Ratio Lower Upper
202 100
200 19.4 15.5 23.3
203 17.7 14.0 21.0





#29

Terphenyl-d14

Concen: 0.457 ng

RT: 19.84 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

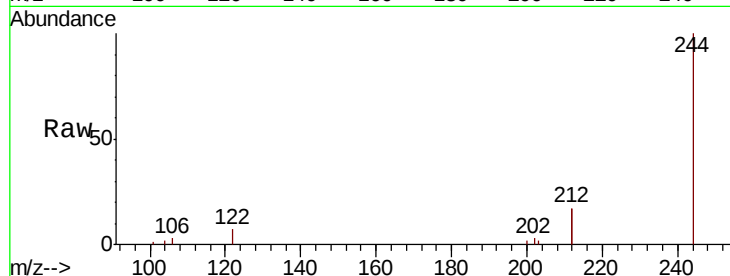
Tgt Ion:244 Resp: 7376

Ion Ratio Lower Upper

244 100

212 33.7 25.7 38.5

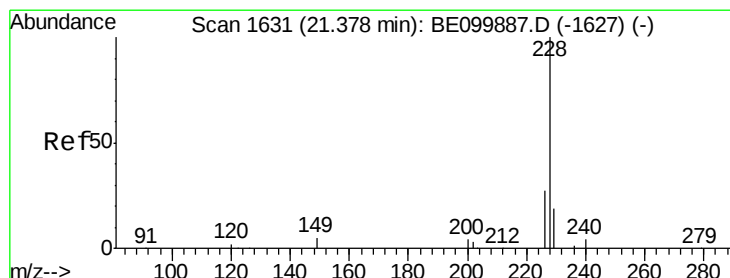
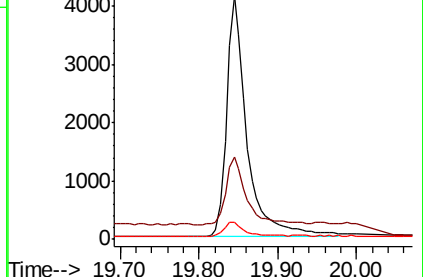
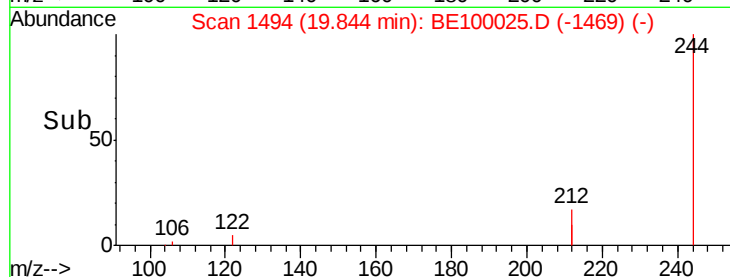
122 6.8 5.5 8.3



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: 0.463 ng

RT: 21.38 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

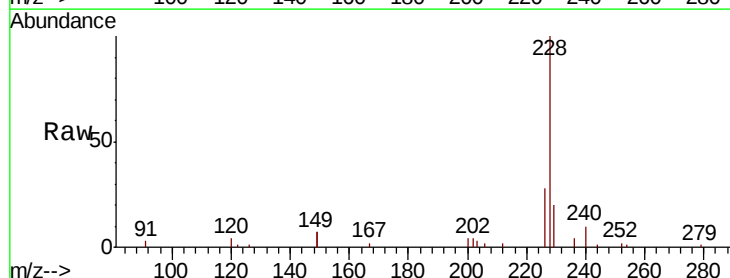
Tgt Ion:228 Resp: 12425

Ion Ratio Lower Upper

228 100

226 27.9 22.5 33.7

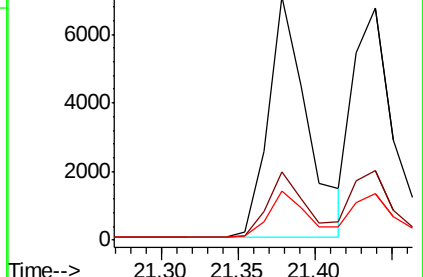
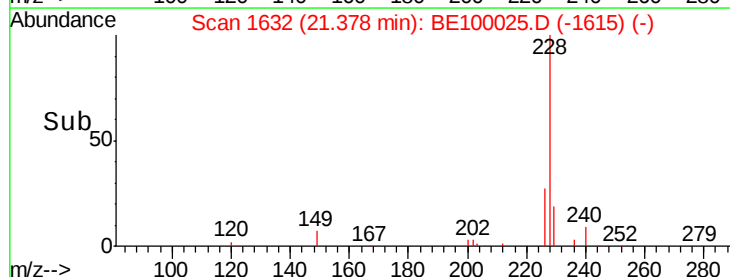
229 20.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.428 ng

RT: 21.44 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

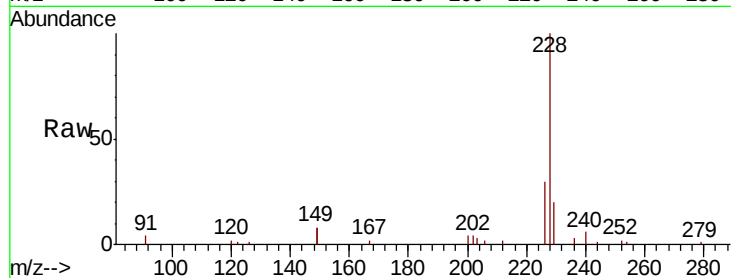
Tgt Ion:228 Resp: 11869

Ion Ratio Lower Upper

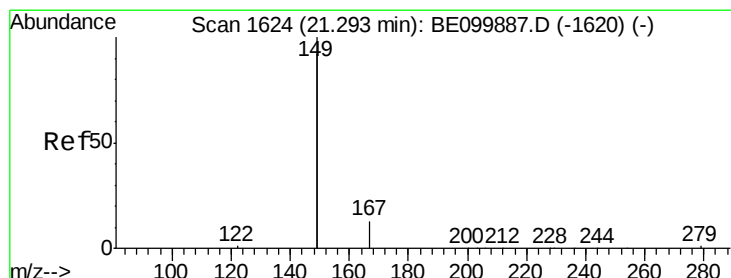
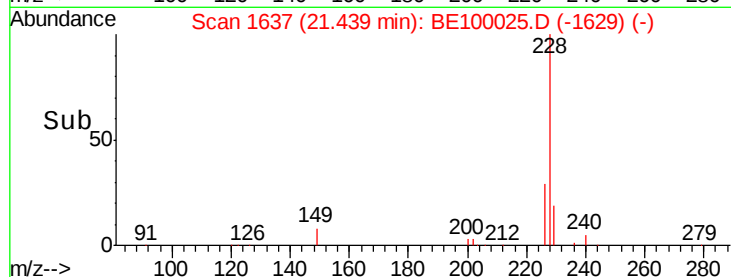
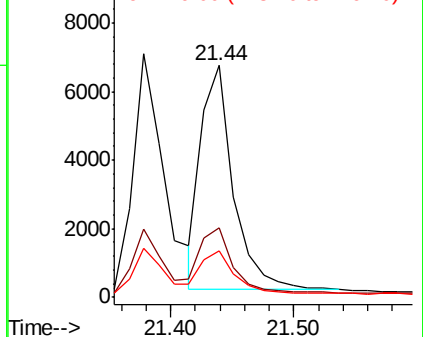
228 100

226 29.8 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: 0.435 ng

RT: 21.29 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

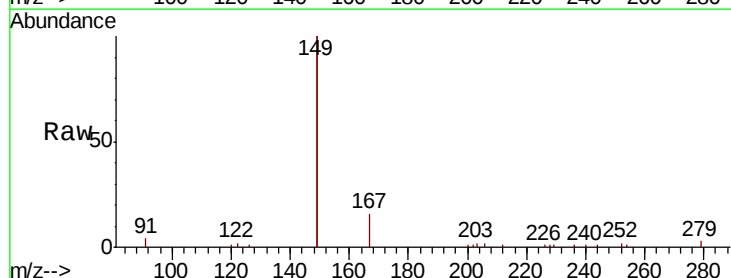
Tgt Ion:149 Resp: 16749

Ion Ratio Lower Upper

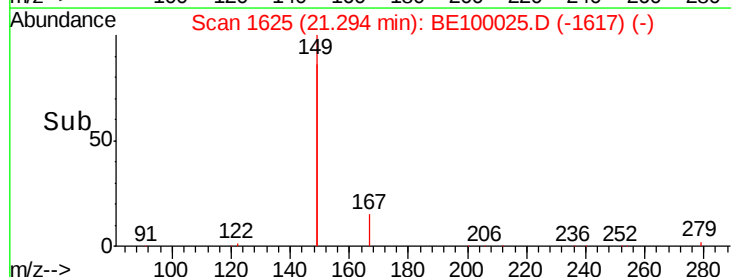
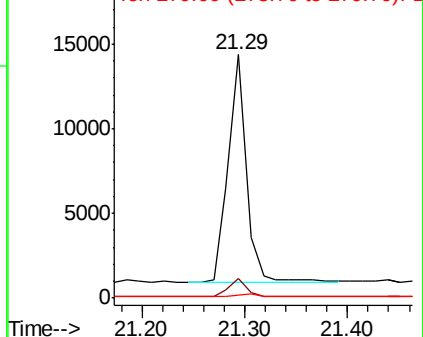
149 100

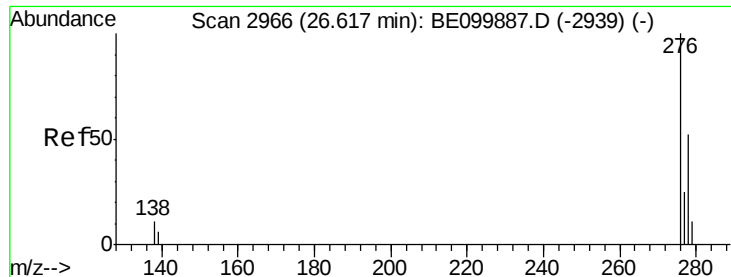
167 7.6 5.9 8.9

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: 0.410 ng

RT: 26.61 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

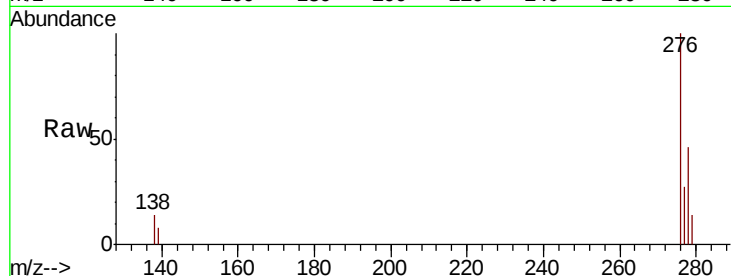
Tgt Ion:276 Resp: 13483

Ion Ratio Lower Upper

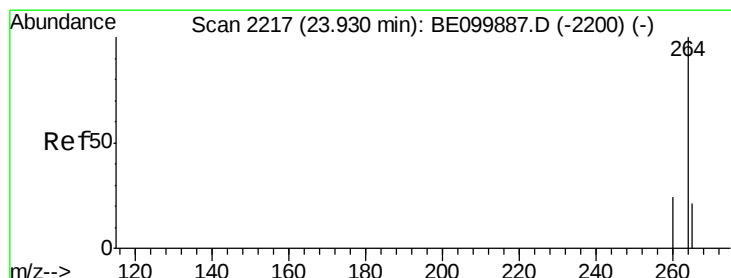
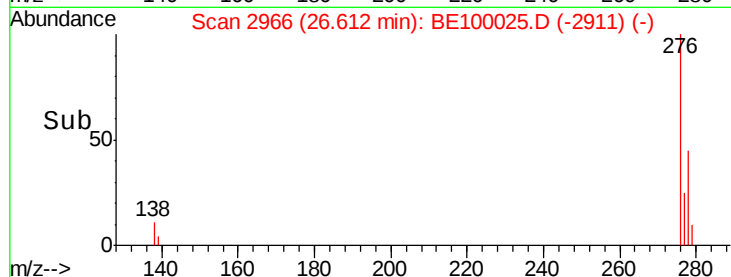
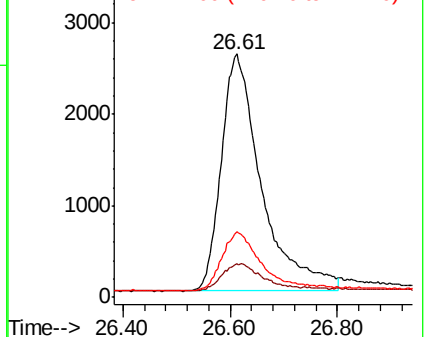
276 100

138 11.3 10.1 15.1

277 24.2 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: BE100025.D

Acq: 14 Jun 2019 16:19

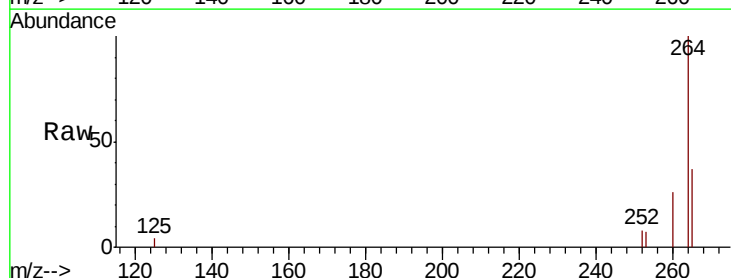
Tgt Ion:264 Resp: 10063

Ion Ratio Lower Upper

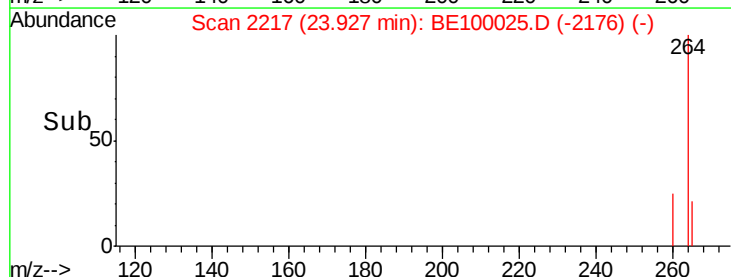
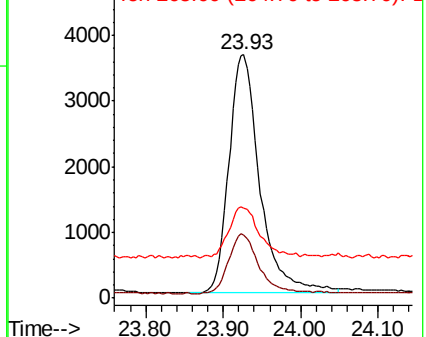
264 100

260 26.1 20.2 30.2

265 37.2 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: 0.396 ng

RT: 23.14 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

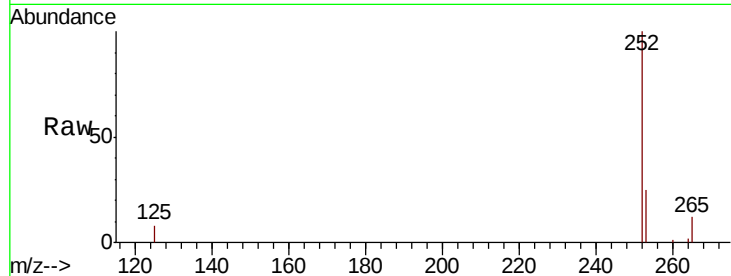
Tgt Ion:252 Resp: 11175

Ion Ratio Lower Upper

252 100

253 25.4 18.7 28.1

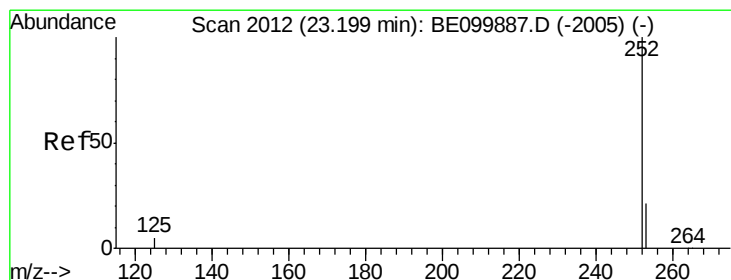
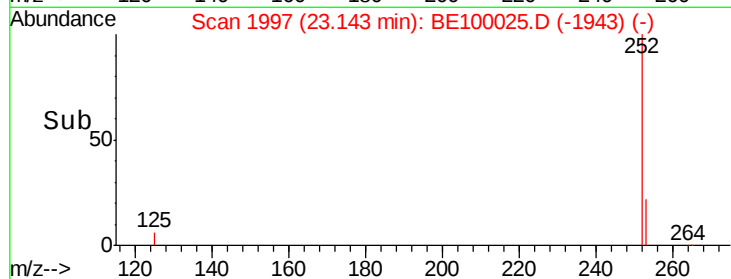
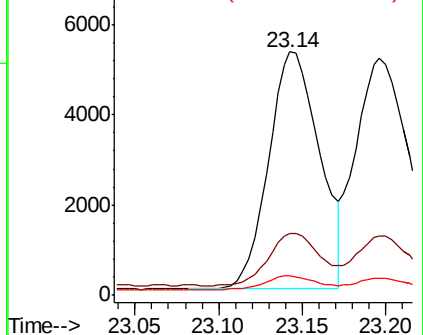
125 8.2 5.7 8.5



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: 0.414 ng

RT: 23.20 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

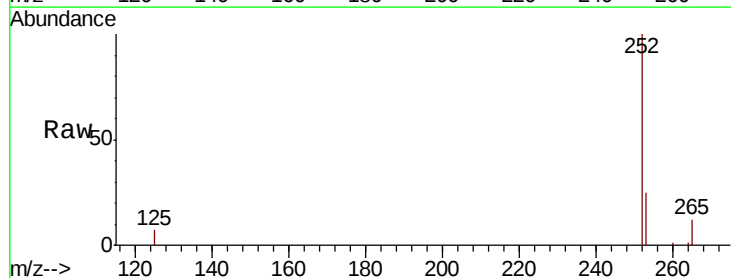
Tgt Ion:252 Resp: 12211

Ion Ratio Lower Upper

252 100

253 24.9 18.6 28.0

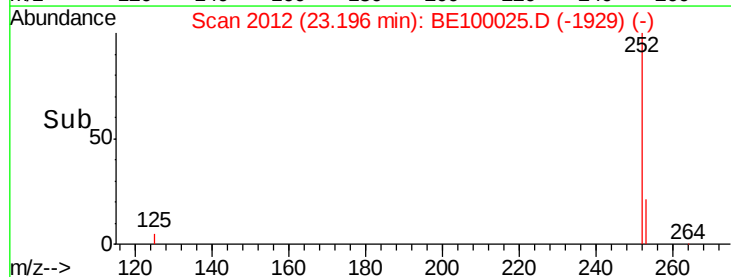
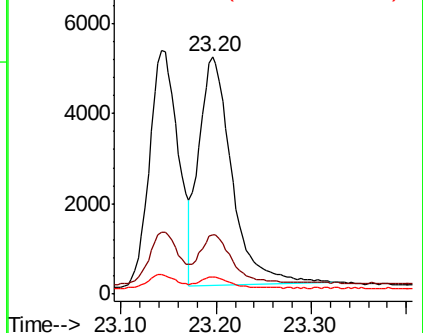
125 7.1 5.4 8.0



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: 0.408 ng

RT: 23.81 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

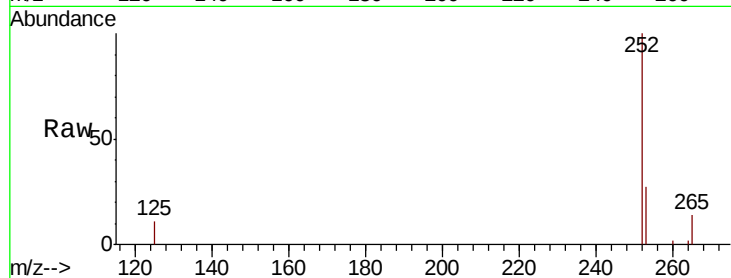
Tgt Ion:252 Resp: 11343

Ion Ratio Lower Upper

252 100

253 27.0 19.6 29.4

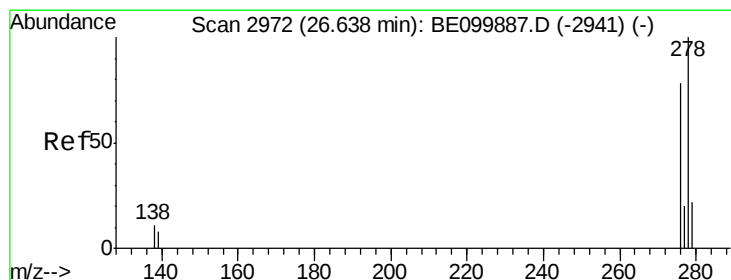
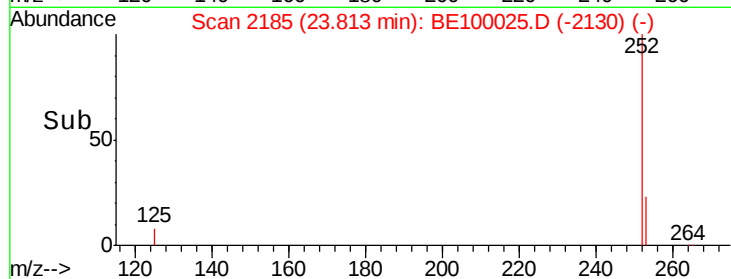
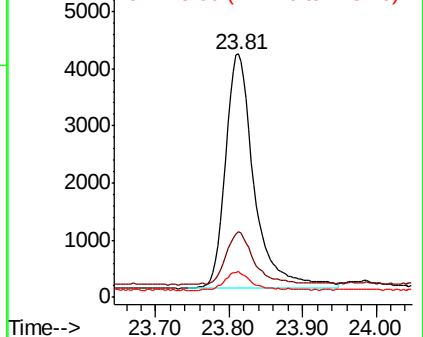
125 10.6 6.6 10.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.382 ng

RT: 26.64 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BE100025.D

Acq: 14 Jun 2019 16:19

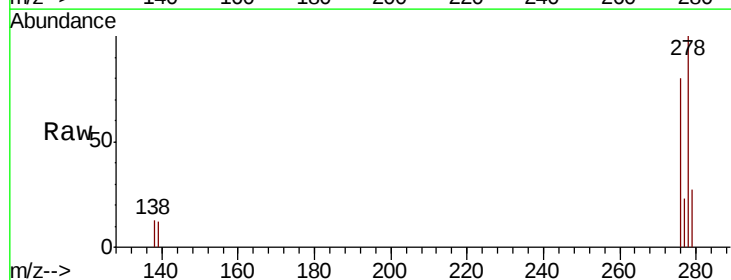
Tgt Ion:278 Resp: 10700

Ion Ratio Lower Upper

278 100

139 12.1 7.8 11.8#

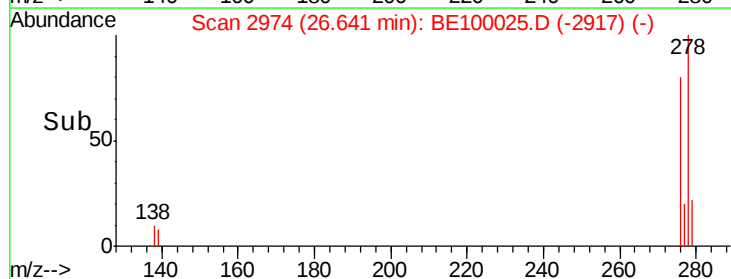
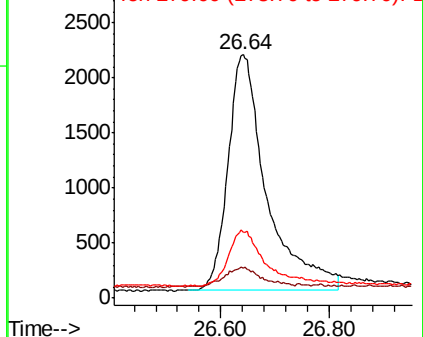
279 27.0 20.0 30.0



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: 0.377 ng

RT: 27.43 min Scan# 3196

Delta R.T. -0.00 min

Lab File: BE100025.D

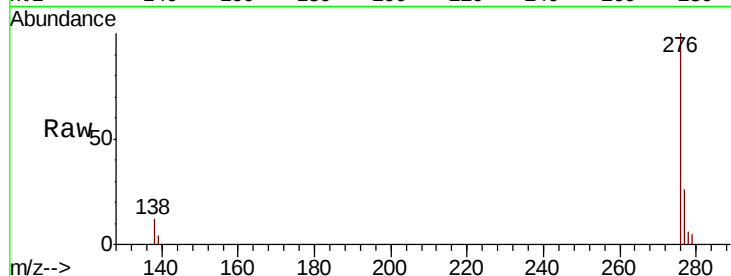
Acq: 14 Jun 2019 16:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



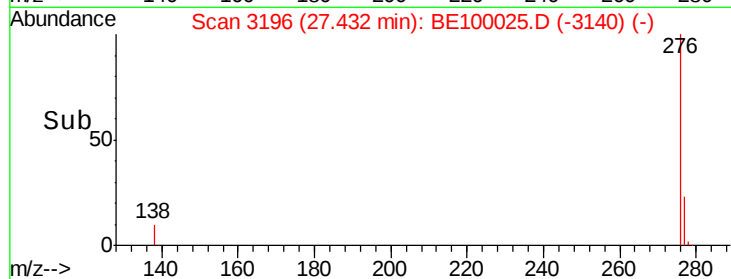
Tgt Ion: 276 Resp: 10903

Ion Ratio Lower Upper

276 100

277 25.6 19.5 29.3

138 12.4 9.5 14.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

