

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
 Data File : BE100662.D
 Acq On : 23 Oct 2019 15:27
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 23 16:58:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3472	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	14683	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	9599	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	23602	0.40	ng	0.00
27) Chrysene-d12	21.35	240	35266	0.40	ng	0.00
34) Perylene-d12	23.83	264	40206	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	4597	0.43	ng	0.00
5) Phenol-d6	7.01	99	6623	0.44	ng	0.00
8) Nitrobenzene-d5	8.99	82	5128	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	9176	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1642	0.65	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	14931	0.43	ng	0.00
25) Fluoranthene-d10	19.22	212	126173	0.41	ng	0.00
29) Terphenyl-d14	19.82	244	33438	0.43	ng	0.00

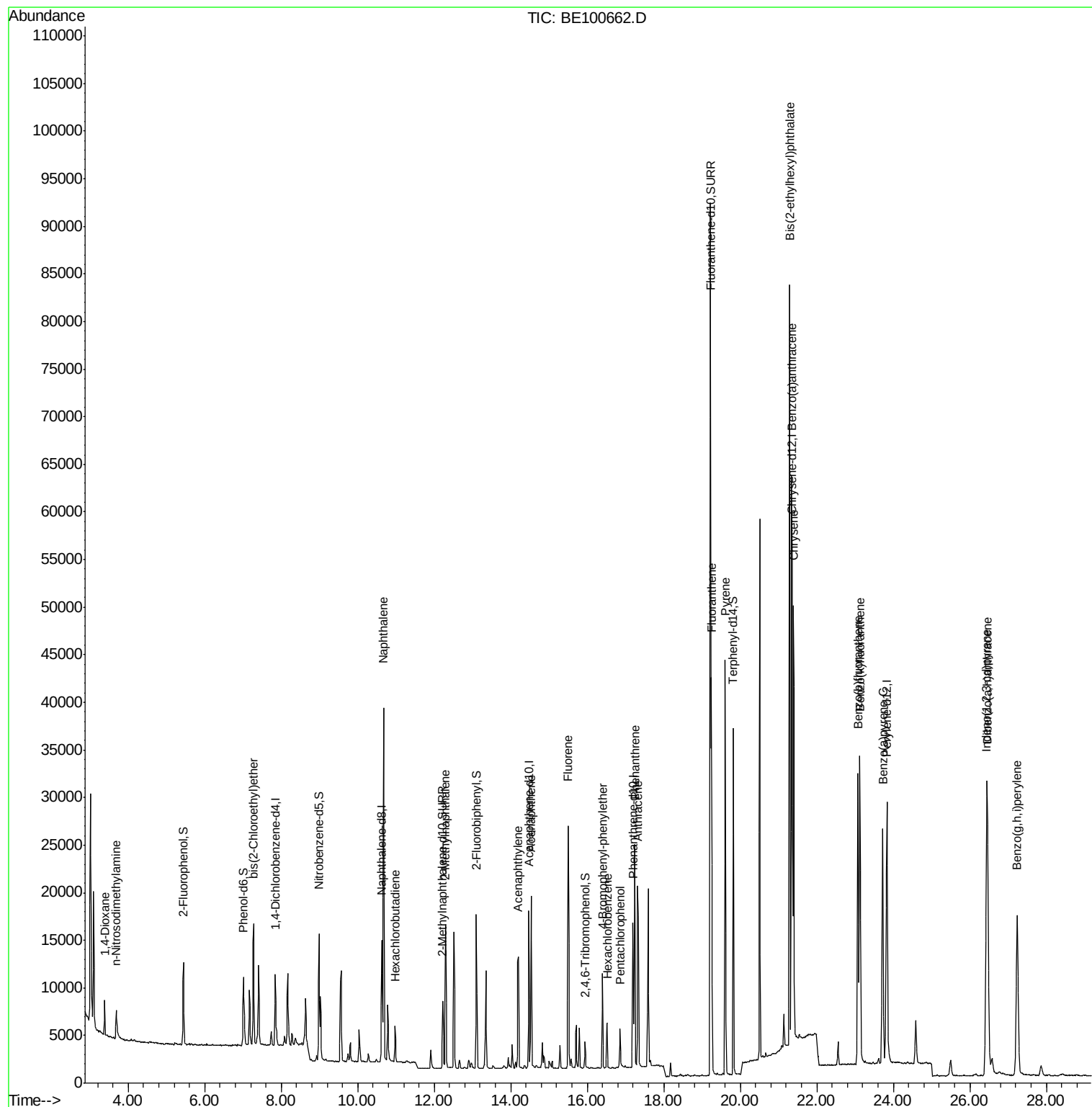
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	2501	0.404	ng	100
3) n-Nitrosodimethylamine	3.69	42	2578	0.393	ng	100
6) bis(2-Chloroethyl)ether	7.27	93	4811	0.388	ng	100
9) Naphthalene	10.68	128	60133	0.389	ng	100
10) Hexachlorobutadiene	10.98	225	2684	0.400	ng	100
12) 2-Methylnaphthalene	12.30	142	10466	0.398	ng	100
16) Acenaphthylene	14.20	152	16610	0.402	ng	100
17) Acenaphthene	14.53	154	10420	0.390	ng	100
18) Fluorene	15.50	166	13955	0.394	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	4748	0.395	ng	100
21) Hexachlorobenzene	16.52	284	4516	0.395	ng	100
22) Pentachlorophenol	16.85	266	2388	0.648	ng	100
23) Phenanthrene	17.24	178	26481	0.408	ng	100
24) Anthracene	17.32	178	22948	0.381	ng	100
26) Fluoranthene	19.25	202	36422	0.430	ng	100
28) Pyrene	19.61	202	39396	0.400	ng	100
30) Benzo(a)anthracene	21.34	228	44469	0.387	ng	100
31) Chrysene	21.39	228	45138	0.393	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	109174	0.454	ng	100
33) Indeno(1,2,3-cd)pyrene	26.43	276	52272	0.370	ng	100
35) Benzo(b)fluoranthene	23.07	252	45120	0.385	ng	100
36) Benzo(k)fluoranthene	23.13	252	46074	0.382	ng	100
37) Benzo(a)pyrene	23.72	252	41516	0.380	ng	100
38) Dibenzo(a,h)anthracene	26.46	278	41895	0.371	ng	100
39) Benzo(g,h,i)perylene	27.23	276	43404	0.383	ng	100

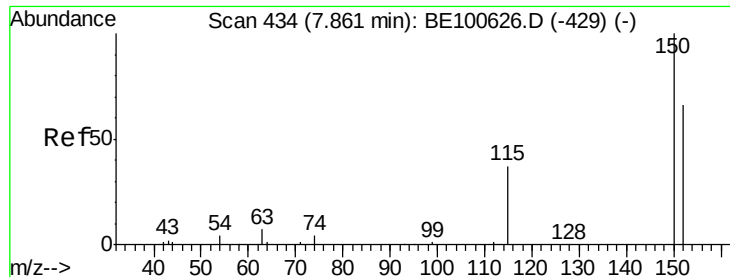
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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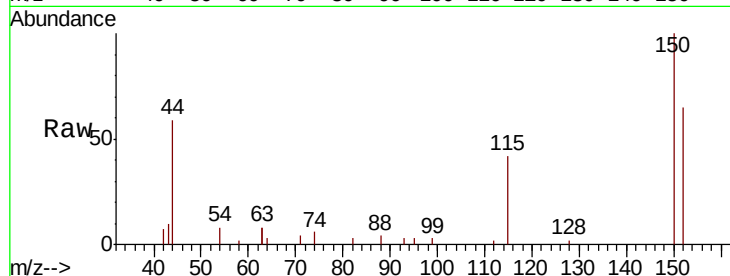


#1

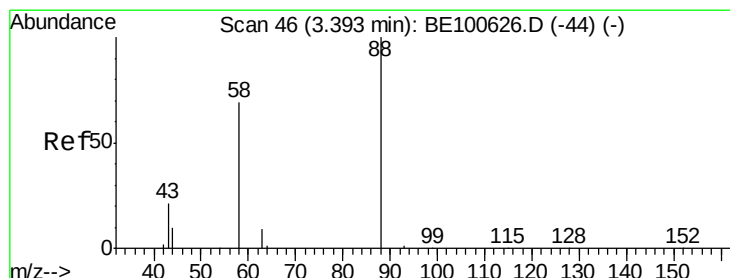
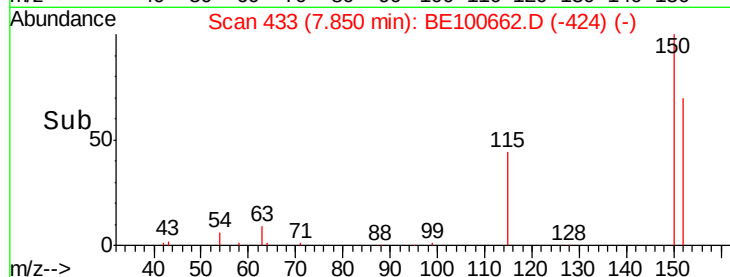
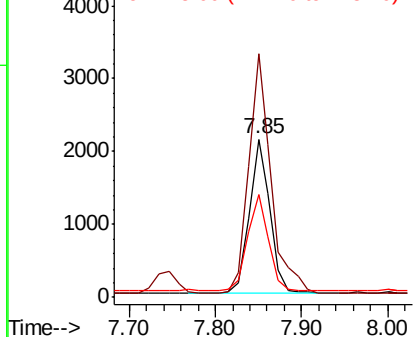
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100662.D
Acq: 23 Oct 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 3472
Ion Ratio Lower Upper
152 100
150 154.1 123.3 184.9
115 64.9 51.9 77.9



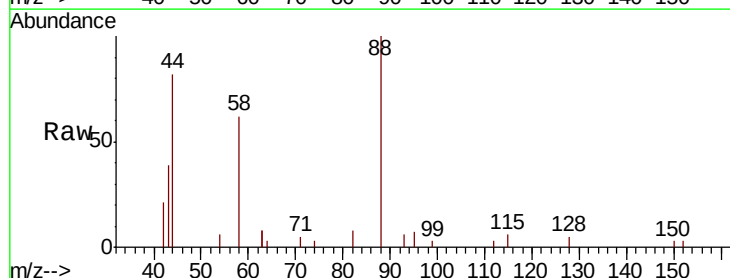
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



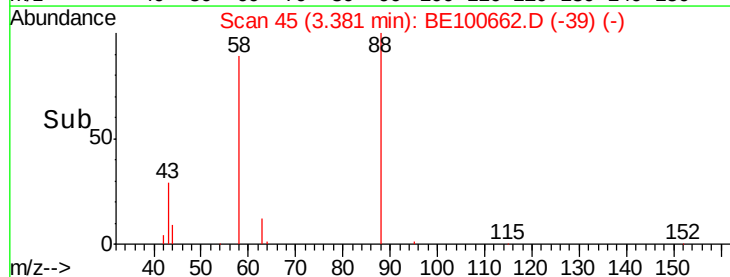
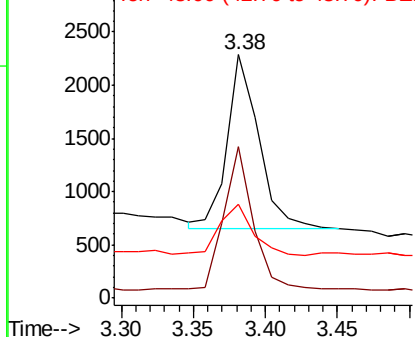
#2

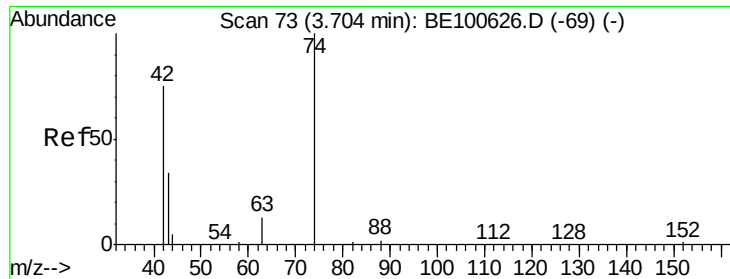
1,4-Dioxane
Concen: 0.404 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100662.D
Acq: 23 Oct 2019 15:27

Tgt Ion: 88 Resp: 2501
Ion Ratio Lower Upper
88 100
58 74.7 59.8 89.6
43 31.5 24.6 36.8



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: 0.393 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

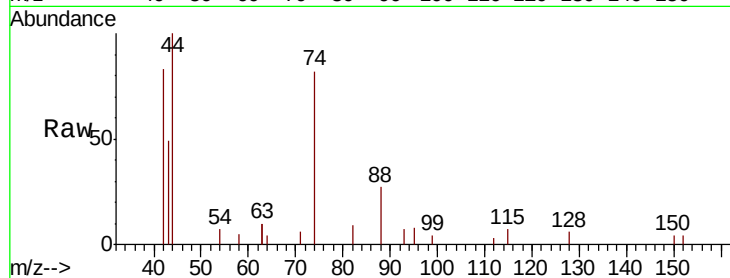
Tot Ion: 42 Resp: 2578

Ion Ratio Lower Upper

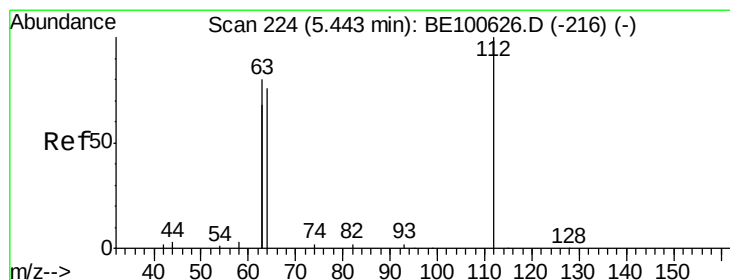
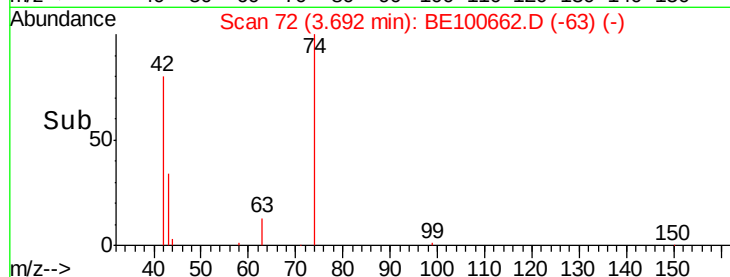
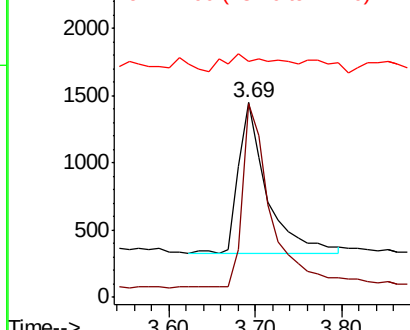
42 100

74 121.0 97.2 145.8

44 20.8 16.6 24.8



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: 0.429 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

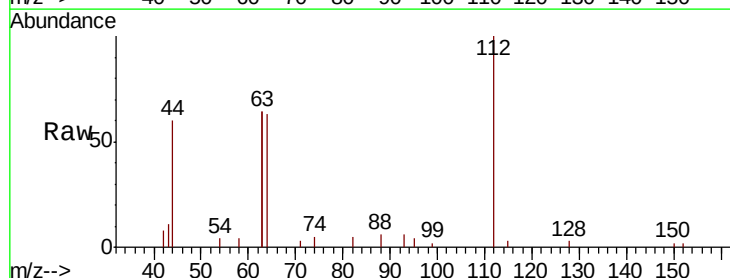
Tgt Ion: 112 Resp: 4597

Ion Ratio Lower Upper

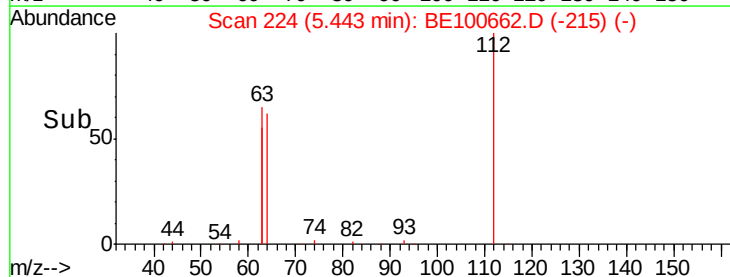
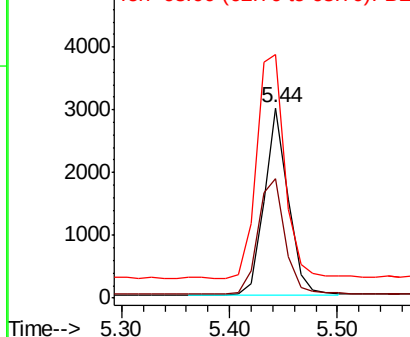
112 100

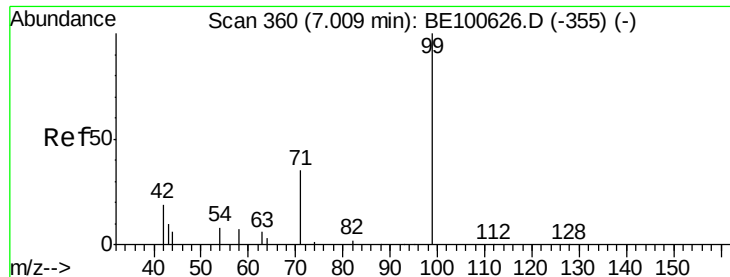
64 69.3 55.4 83.2

63 142.9 114.2 171.4



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: 0.438 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

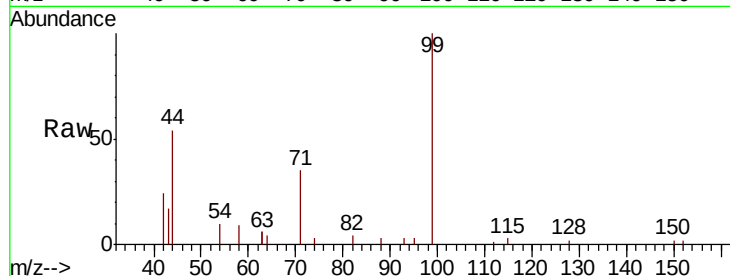
Tot Ion: 99 Resp: 6623

Ion Ratio Lower Upper

99 100

42 22.0 17.7 26.5

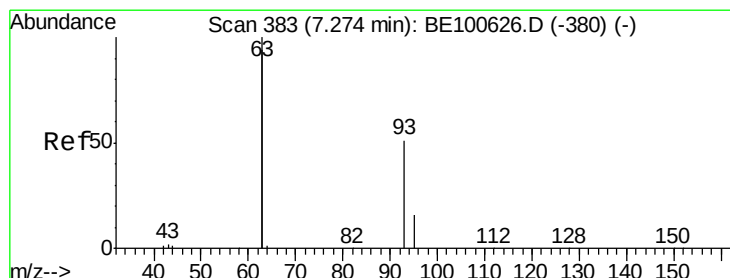
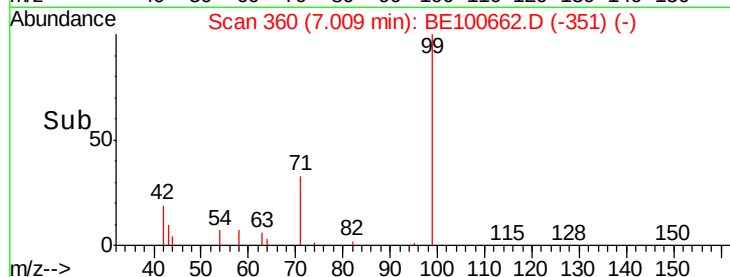
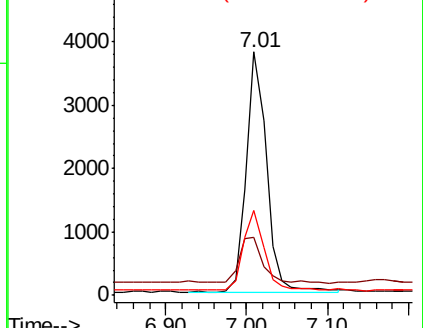
71 34.1 27.4 41.0



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: 0.388 ng

RT: 7.27 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

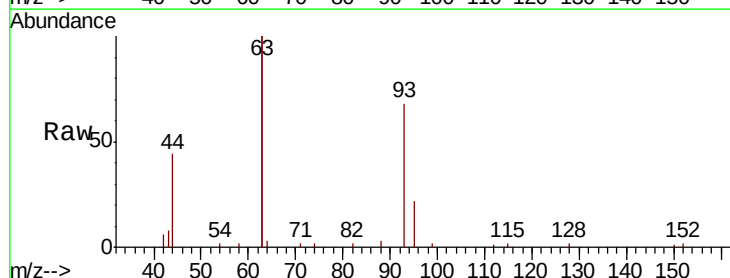
Tgt Ion: 93 Resp: 4811

Ion Ratio Lower Upper

93 100

63 336.0 268.8 403.2

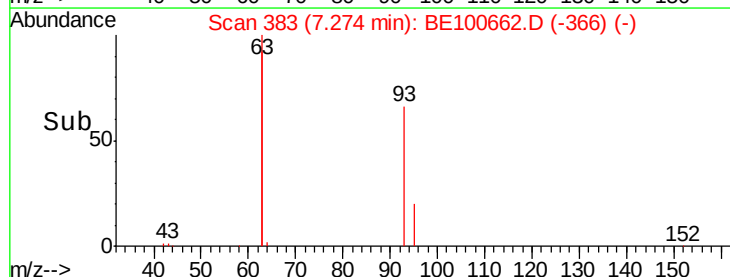
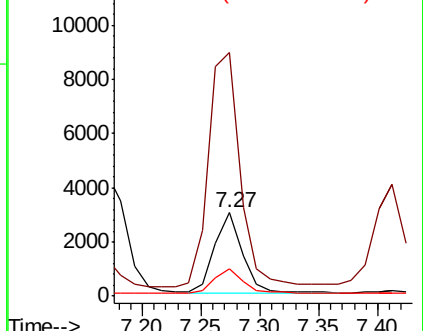
95 32.0 25.6 38.4

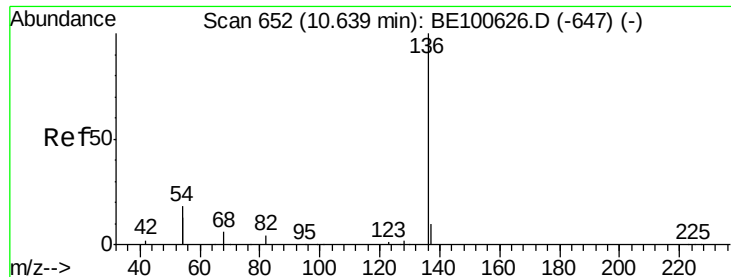


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 14683

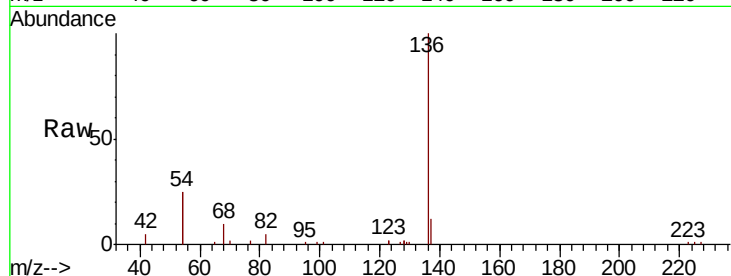
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 49.3 39.4 59.2

68 10.0 8.0 12.0

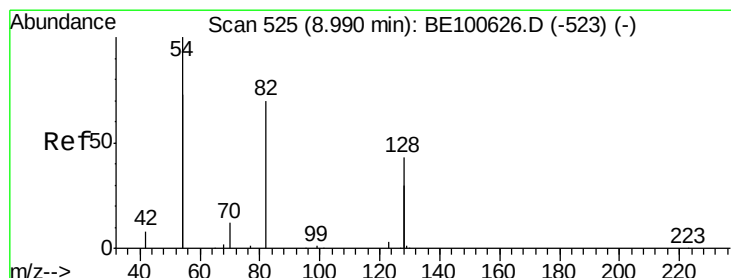
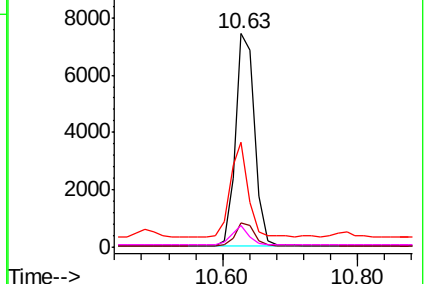
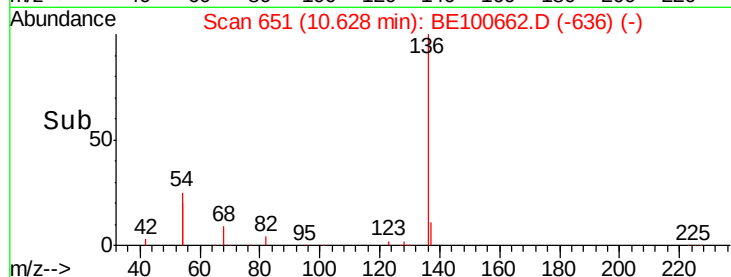


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.563 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

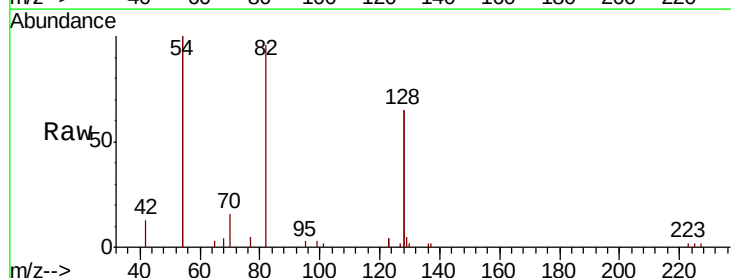
Tgt Ion: 82 Resp: 5128

Ion Ratio Lower Upper

82 100

128 134.8 107.8 161.8

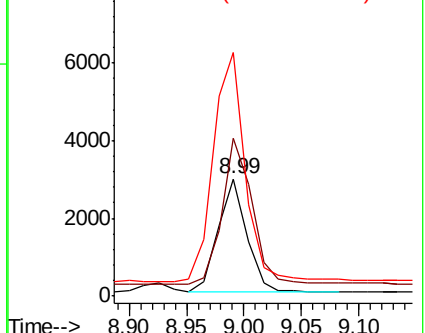
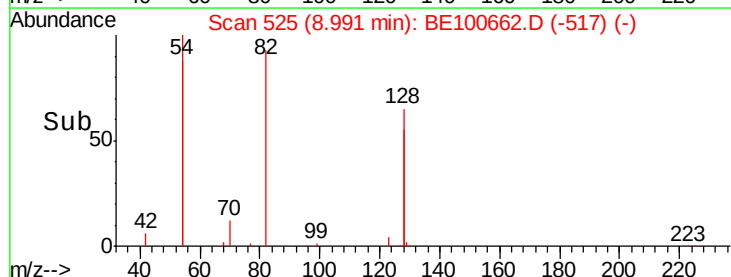
54 207.6 166.1 249.1

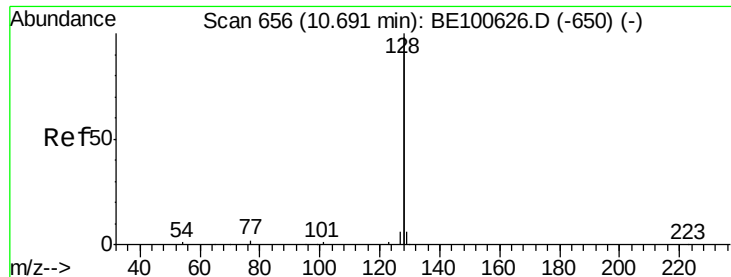


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.389 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

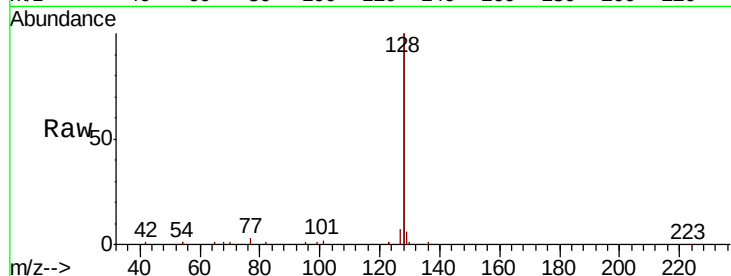
Tot Ion:128 Resp: 60133

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

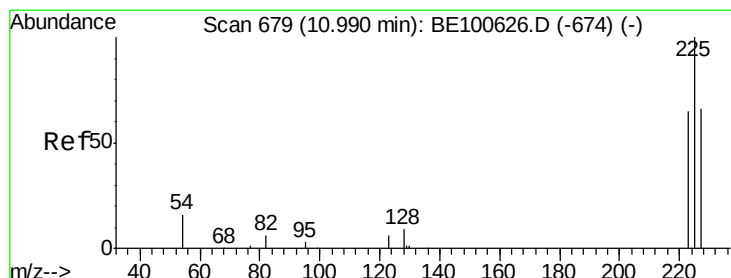
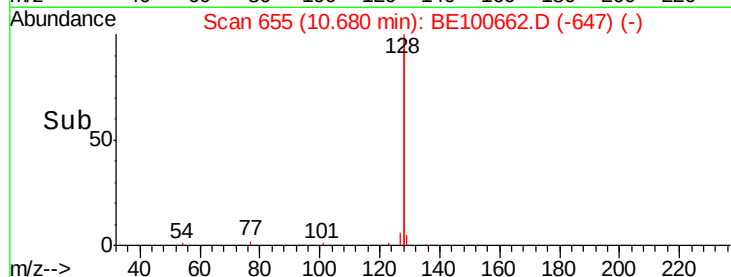
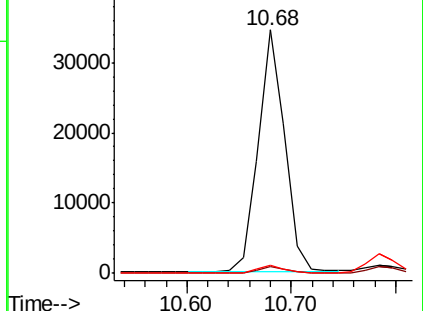
127 3.4 2.7 4.1



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: 0.400 ng

RT: 10.98 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

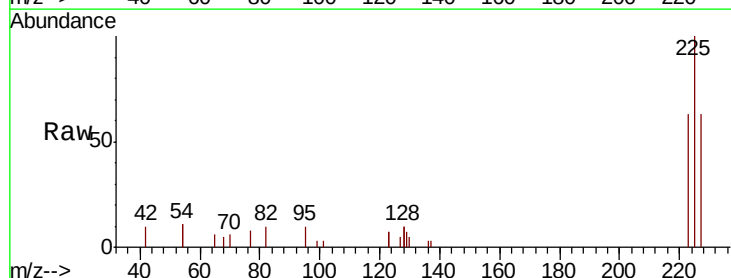
Tgt Ion:225 Resp: 2684

Ion Ratio Lower Upper

225 100

223 60.7 48.6 72.8

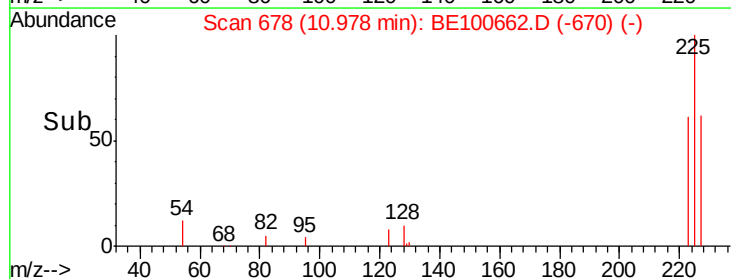
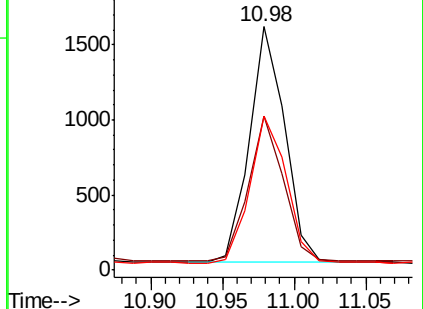
227 64.5 51.6 77.4

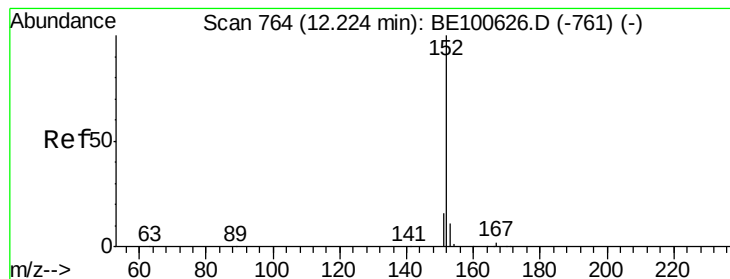


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

Instrument :

BNA_E

ClientSampleId :

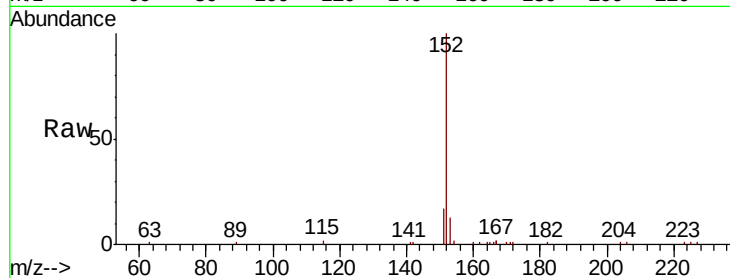
SSTDCCC0.4

Tot Ion:152 Resp: 9176

Ion Ratio Lower Upper

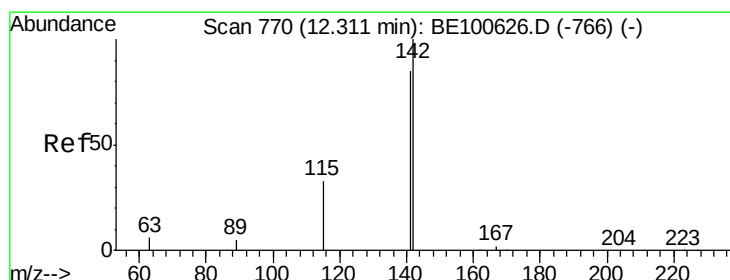
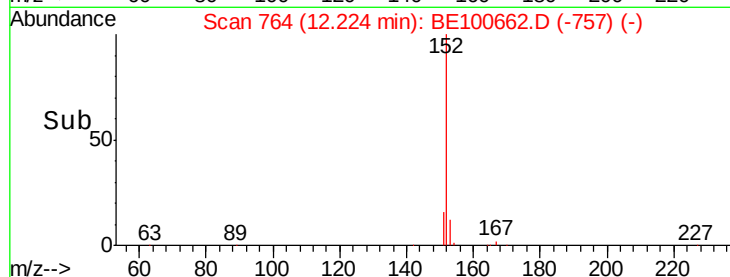
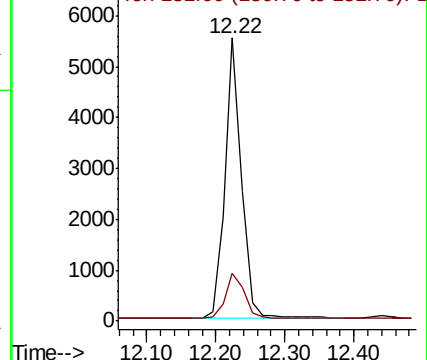
152 100

151 18.4 14.7 22.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.398 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

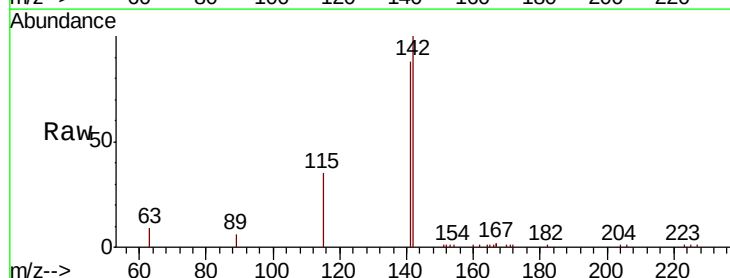
Tgt Ion:142 Resp: 10466

Ion Ratio Lower Upper

142 100

141 87.6 70.1 105.1

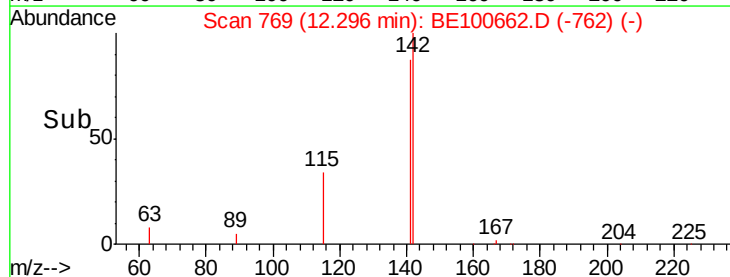
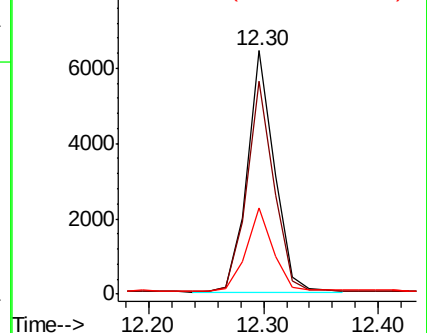
115 35.4 28.3 42.5

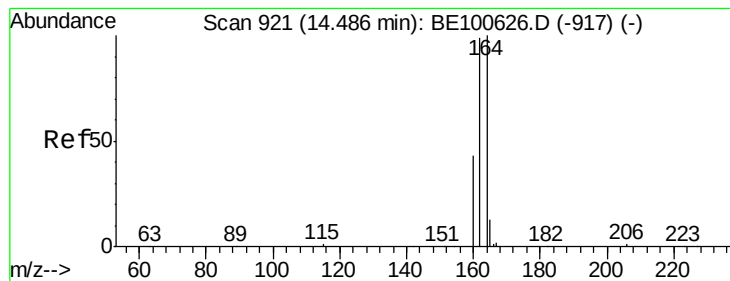


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

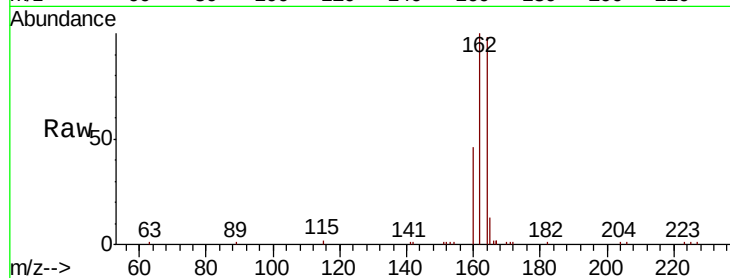
Tot Ion:164 Resp: 9599

Ion Ratio Lower Upper

164 100

162 102.5 82.0 123.0

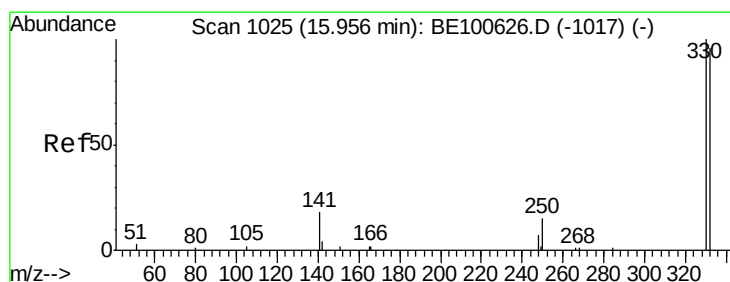
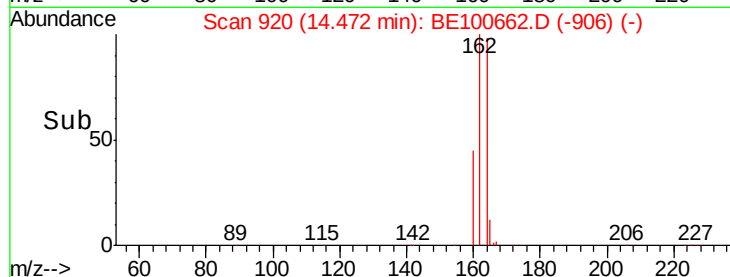
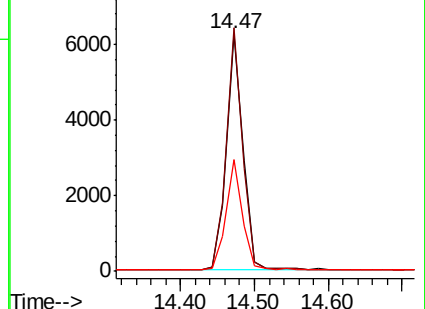
160 46.9 37.5 56.3



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: 0.647 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

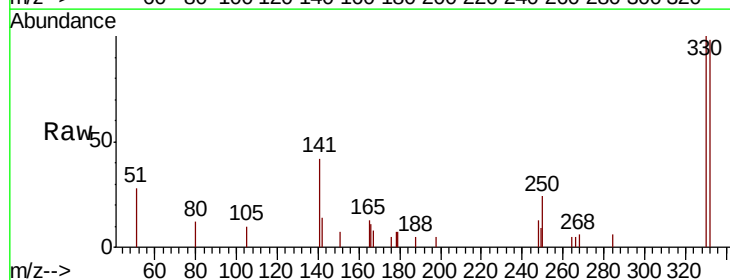
Tgt Ion:330 Resp: 1642

Ion Ratio Lower Upper

330 100

332 97.4 77.9 116.9

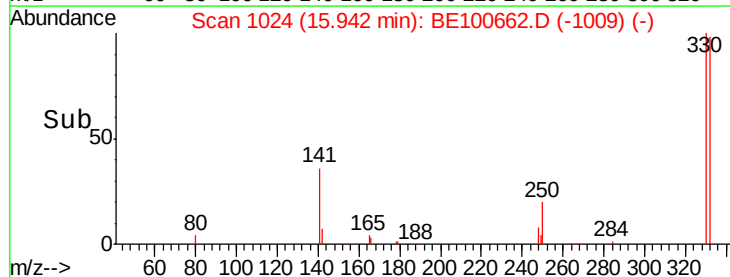
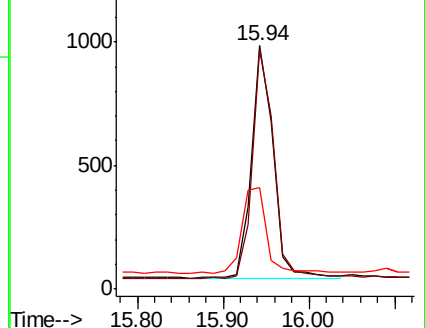
141 41.3 33.0 49.6

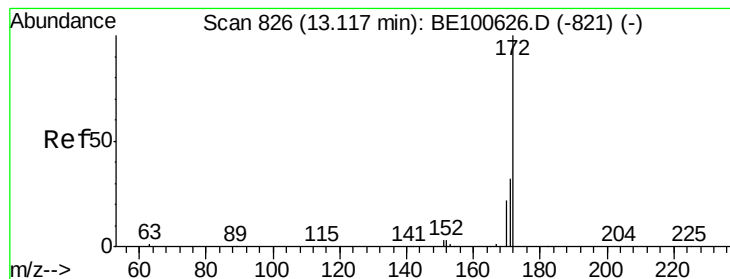


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.427 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

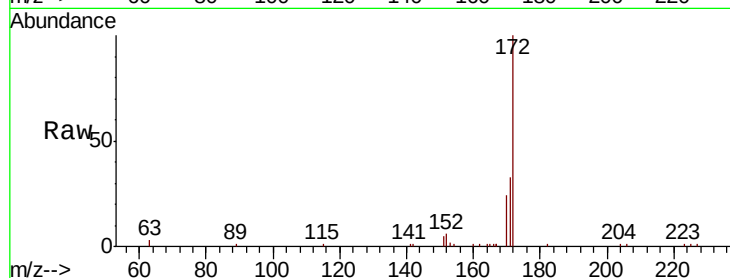
Tot Ion:172 Resp: 14931

Ion Ratio Lower Upper

172 100

171 33.1 26.5 39.7

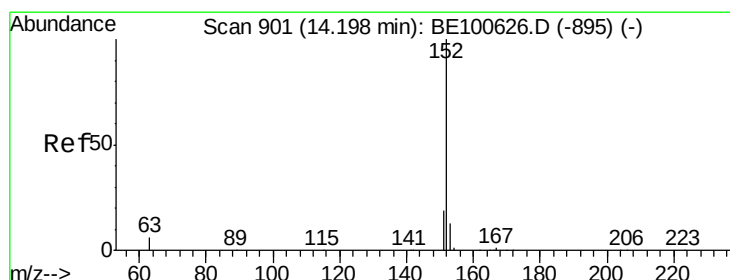
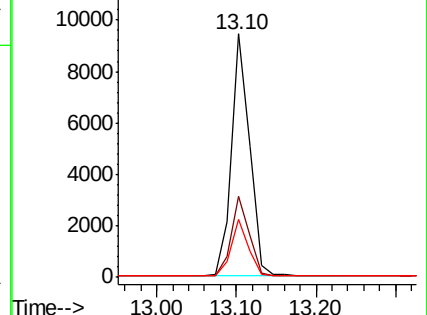
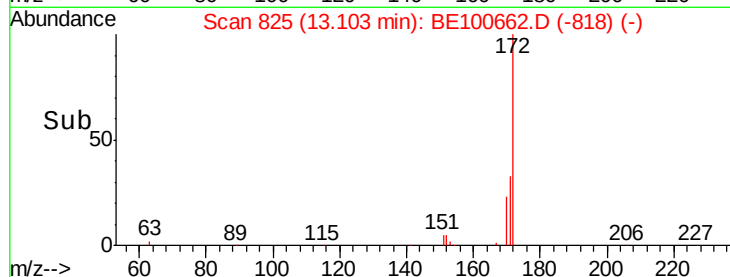
170 23.7 19.0 28.4



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: 0.402 ng

RT: 14.20 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

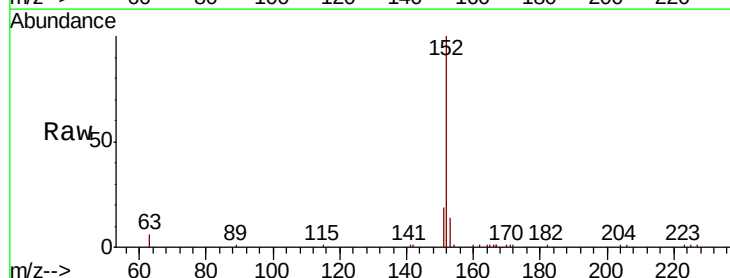
Tgt Ion:152 Resp: 16610

Ion Ratio Lower Upper

152 100

151 19.1 15.2 22.8

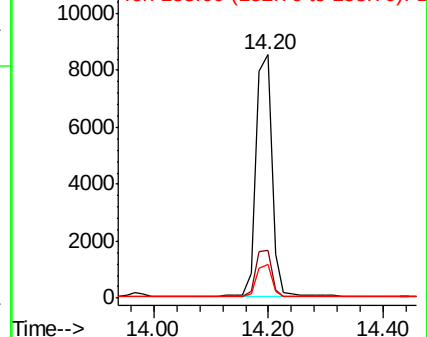
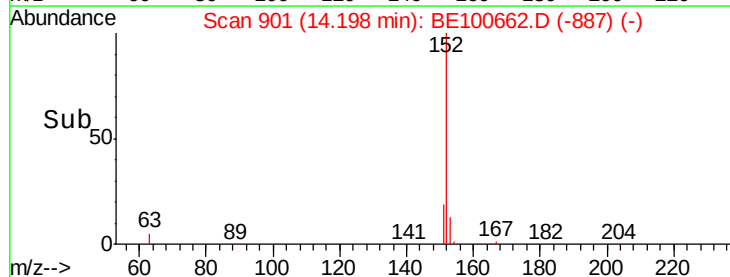
153 12.9 10.3 15.5

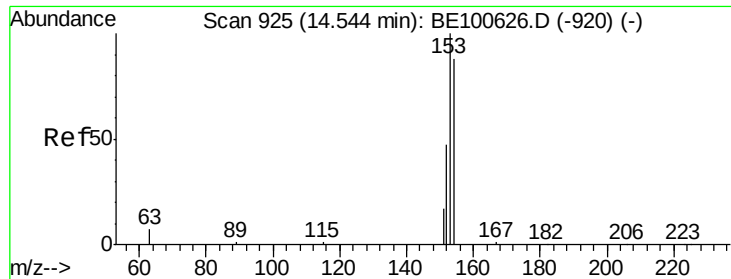


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.390 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

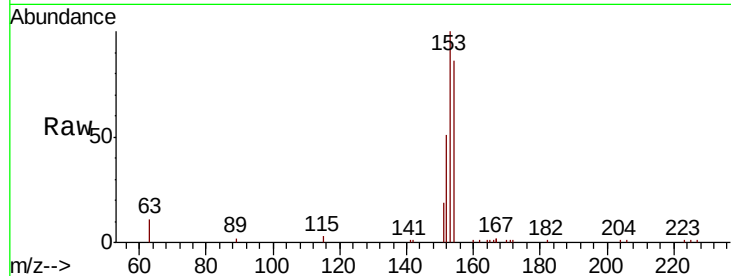
Tot Ion:154 Resp: 10420

Ion Ratio Lower Upper

154 100

153 111.8 89.4 134.2

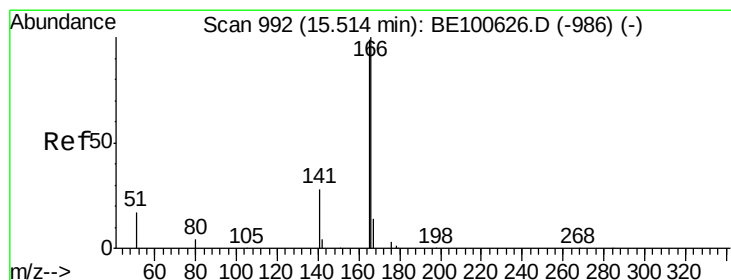
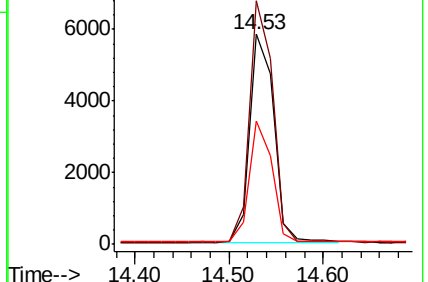
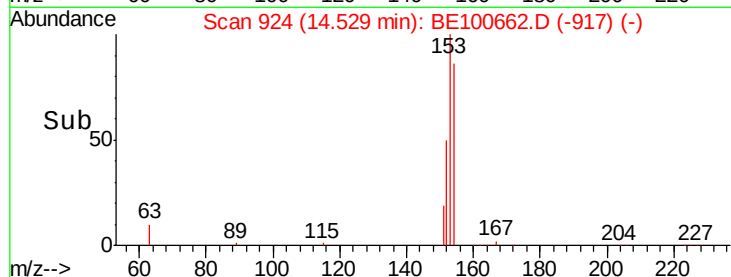
152 55.1 44.1 66.1



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: 0.394 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

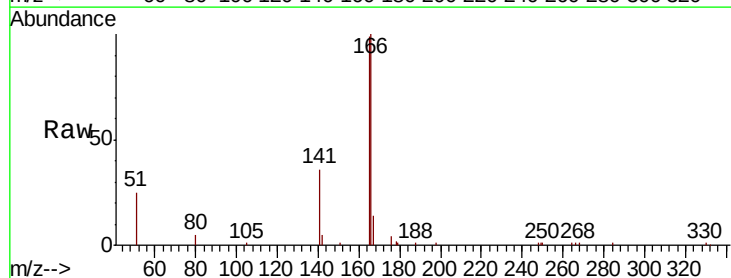
Tgt Ion:166 Resp: 13955

Ion Ratio Lower Upper

166 100

165 98.2 78.6 117.8

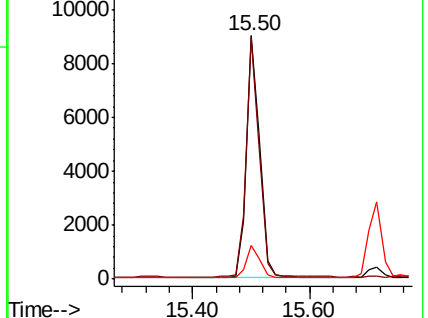
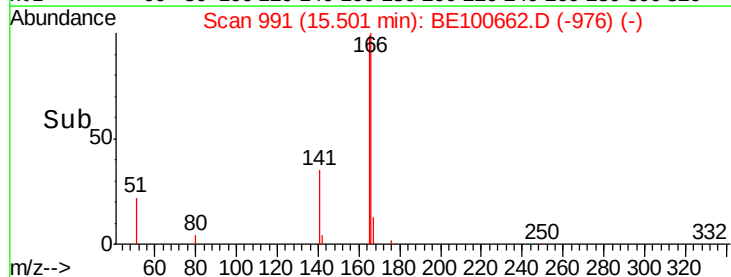
167 13.6 10.9 16.3

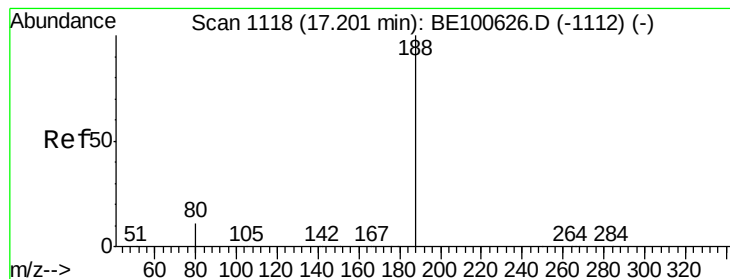


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.20 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

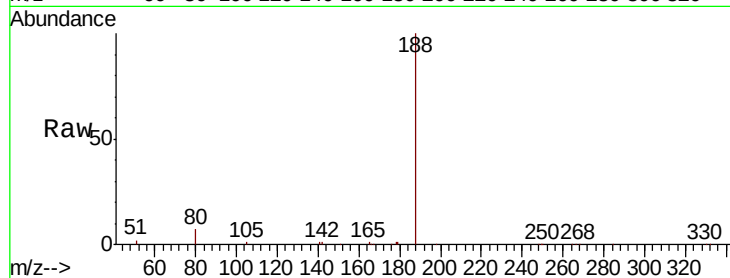
Tot Ion:188 Resp: 23602

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

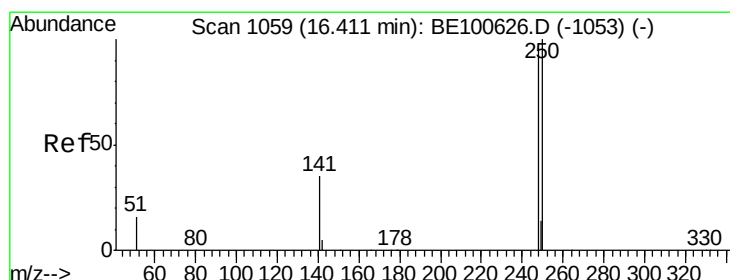
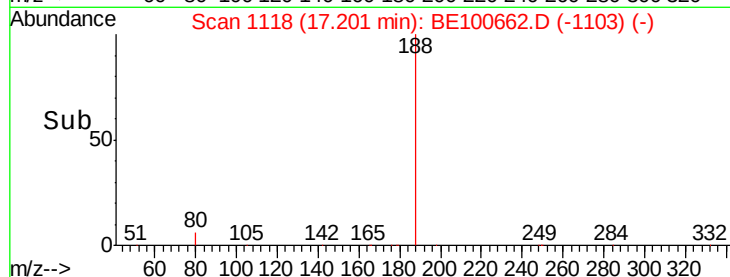
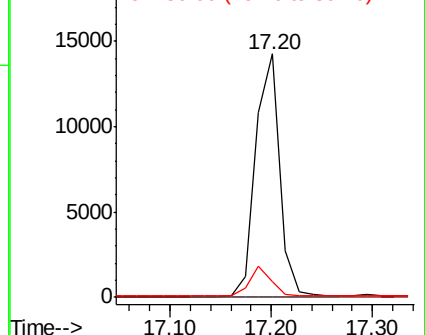
80 6.7 5.4 8.0



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: 0.395 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

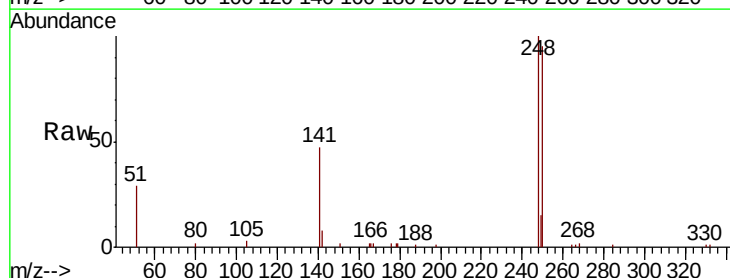
Tgt Ion:248 Resp: 4748

Ion Ratio Lower Upper

248 100

250 95.4 76.3 114.5

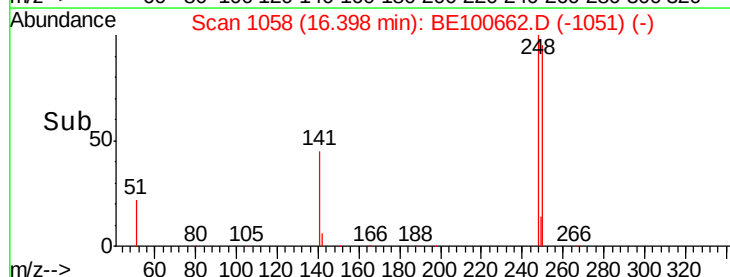
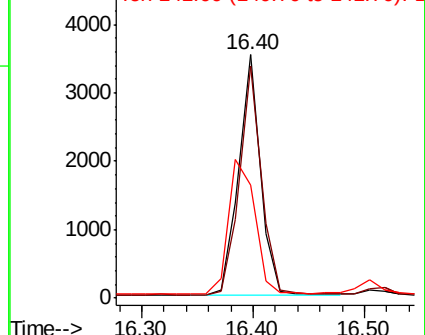
141 46.6 37.3 55.9

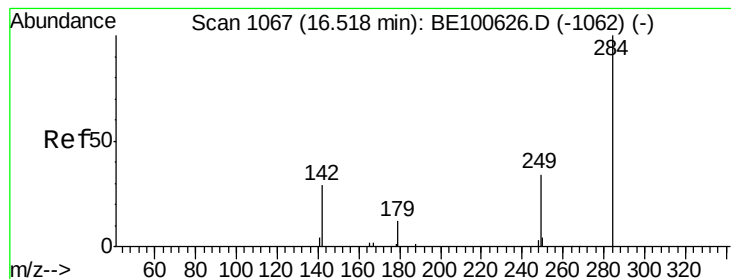


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.395 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

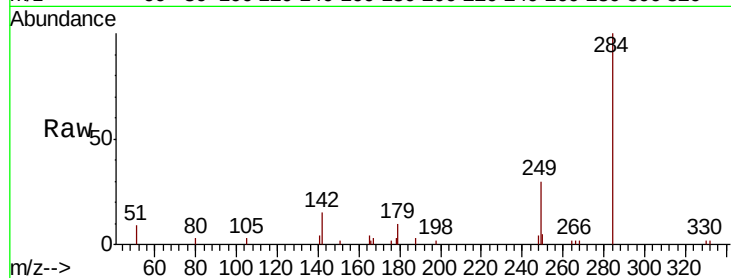
Tot Ion:284 Resp: 4516

Ion Ratio Lower Upper

284 100

142 35.7 28.6 42.8

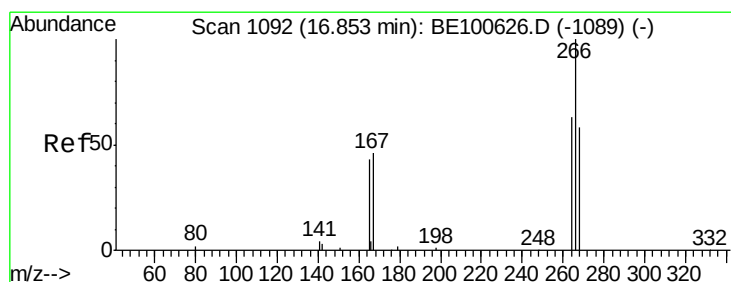
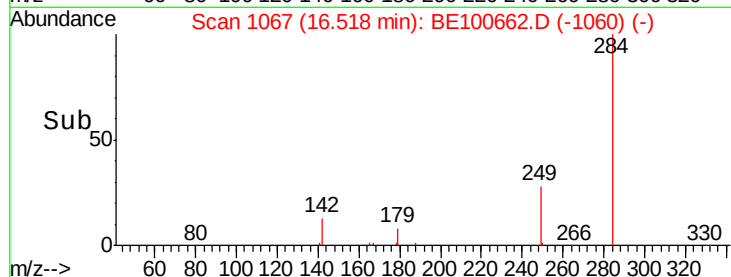
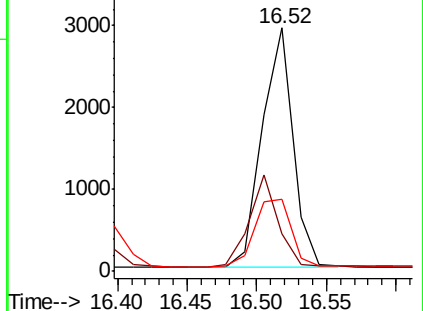
249 32.9 26.3 39.5



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: 0.648 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

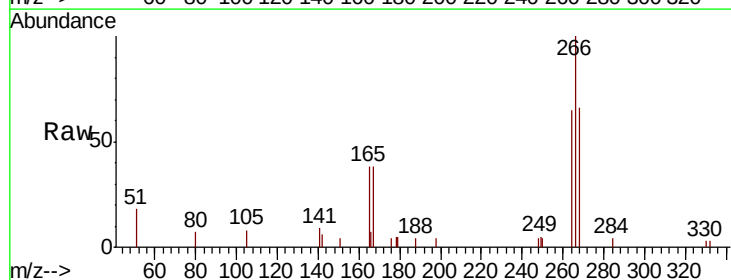
Tgt Ion:266 Resp: 2388

Ion Ratio Lower Upper

266 100

264 65.3 52.2 78.4

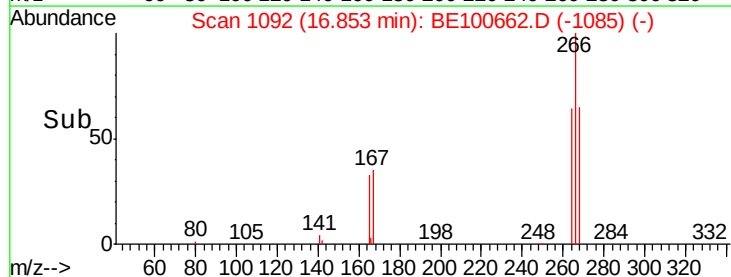
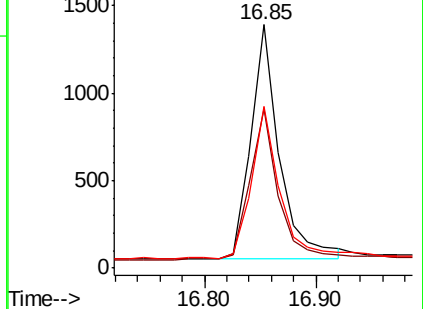
268 66.4 53.1 79.7

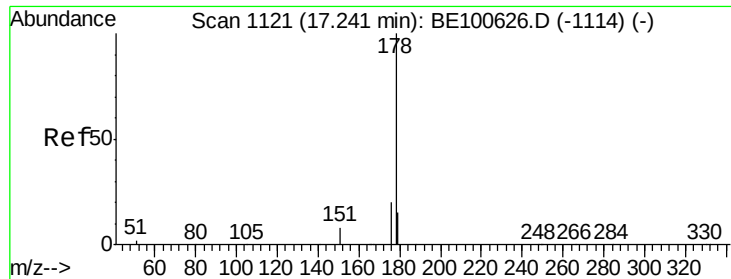


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

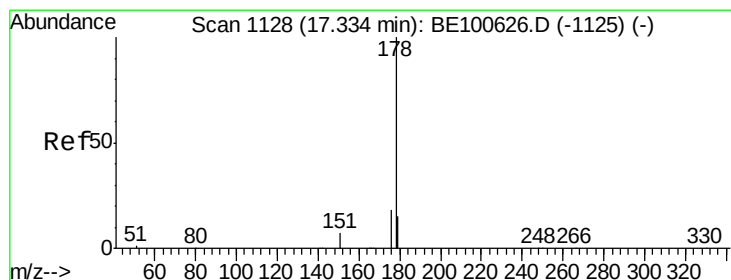
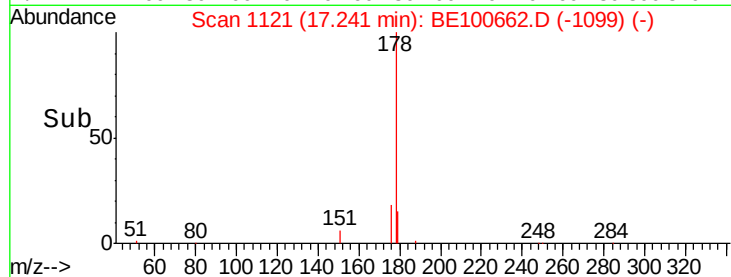
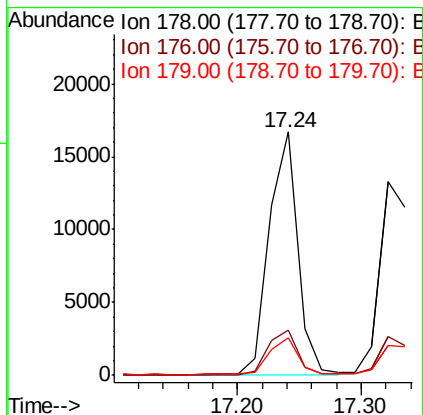
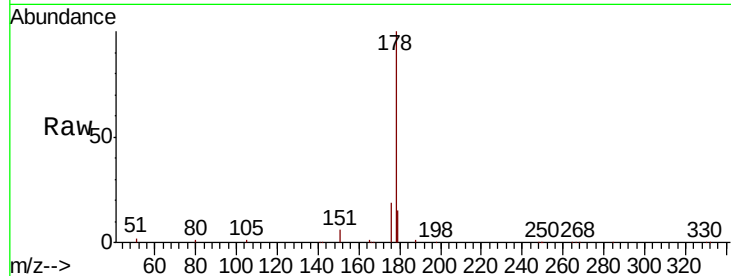




#23
Phenanthrene
Concen: 0.408 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100662.D
Acq: 23 Oct 2019 15:27

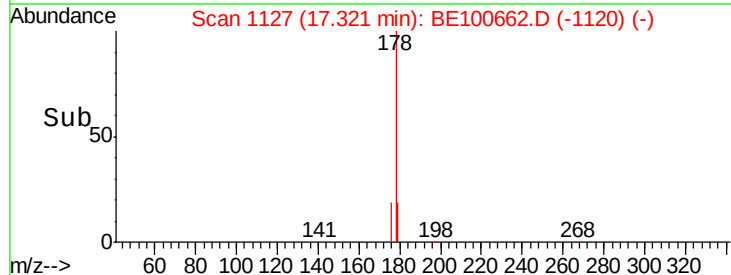
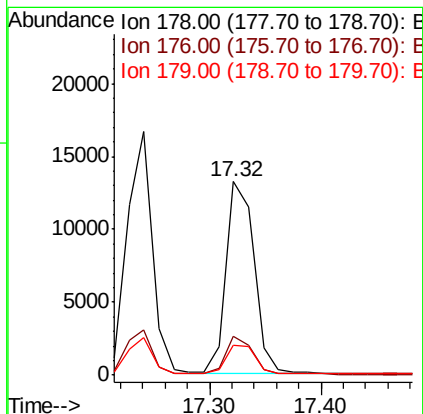
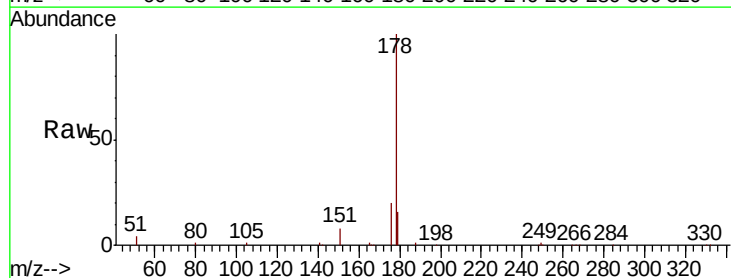
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

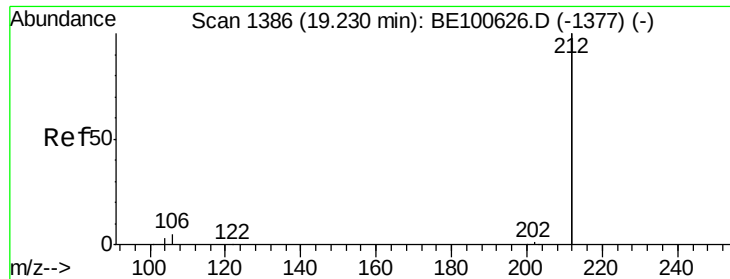
Tot Ion:178 Resp: 26481
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.1 12.1 18.1



#24
Anthracene
Concen: 0.381 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE100662.D
Acq: 23 Oct 2019 15:27

Tgt Ion:178 Resp: 22948
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.5 12.5 18.7

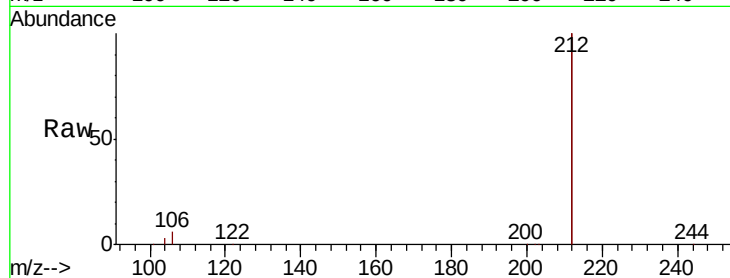




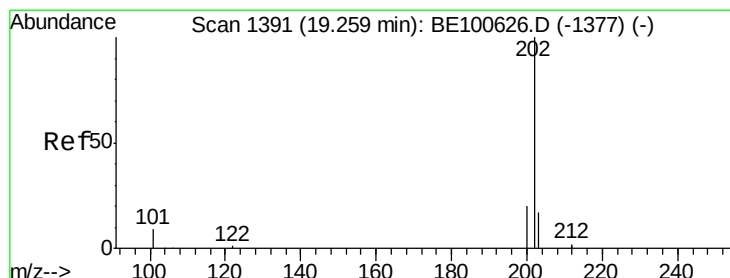
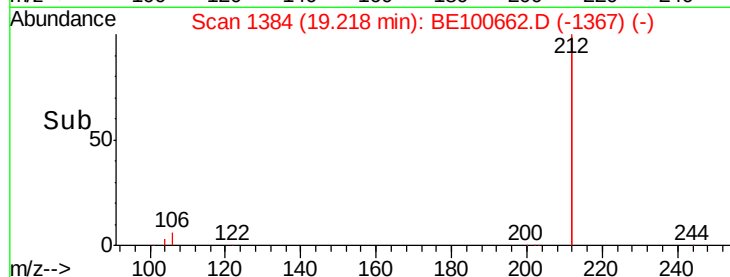
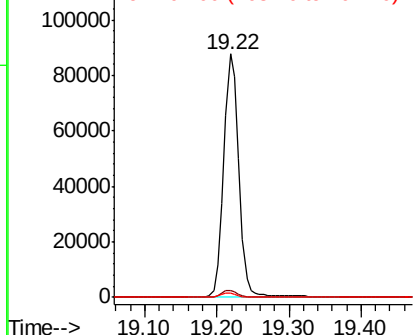
#25
 Fluoranthene-d10
 Concen: 0.414 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BE100662.D
 Acq: 23 Oct 2019 15:27

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:212 Resp: 126173
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.3 3.5
 104 1.6 1.3 1.9

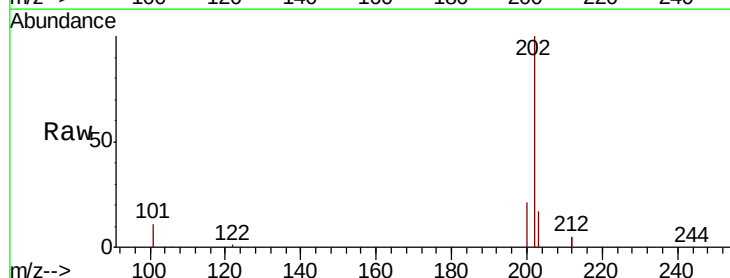


Abundance Ion 212.00 (211.70 to 212.70): E
 120000
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

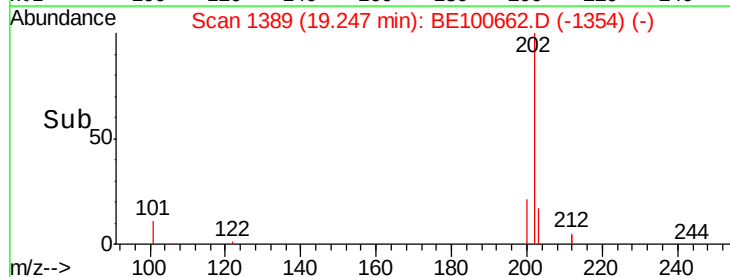
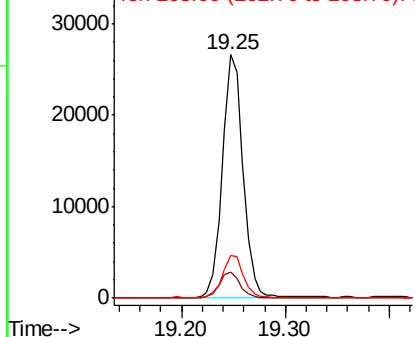


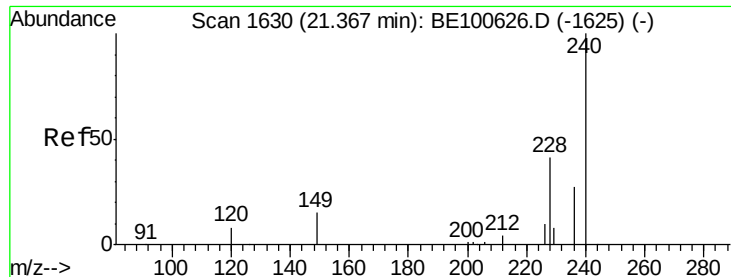
#26
 Fluoranthene
 Concen: 0.430 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BE100662.D
 Acq: 23 Oct 2019 15:27

Tgt Ion:202 Resp: 36422
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.5 12.7
 203 17.3 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
 30000
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

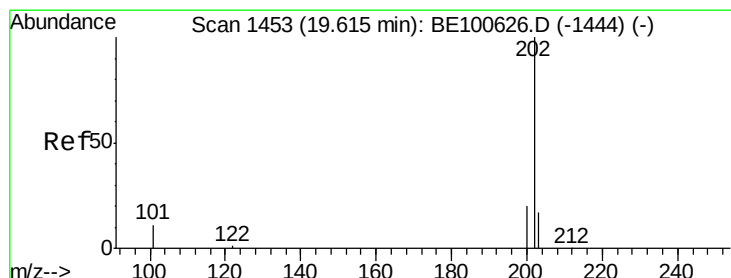
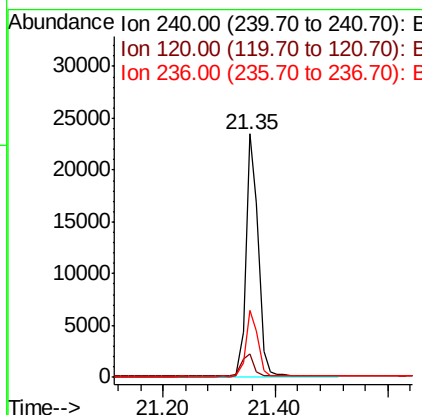
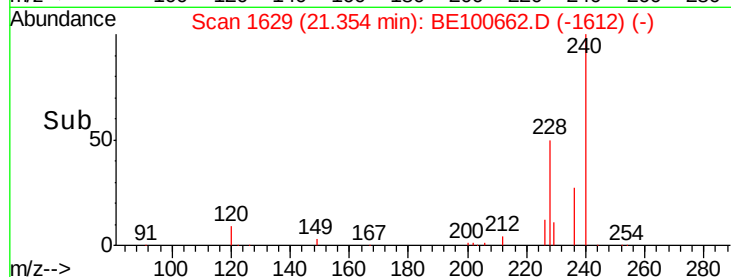
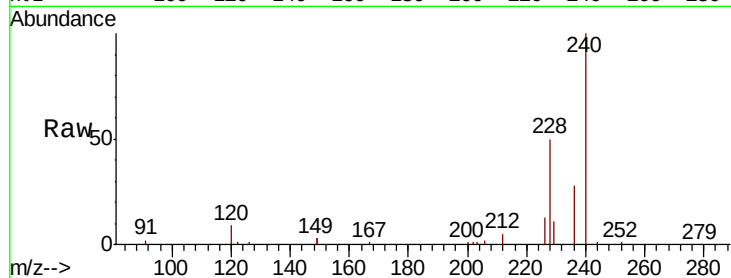




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100662.D
Acq: 23 Oct 2019 15:27

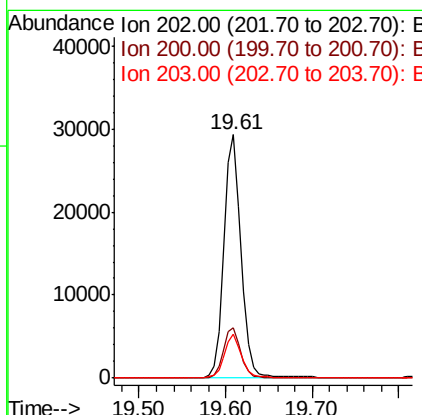
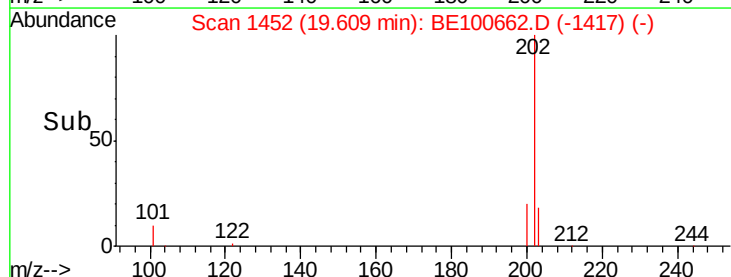
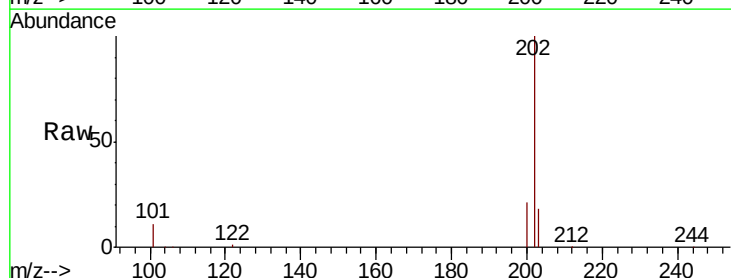
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

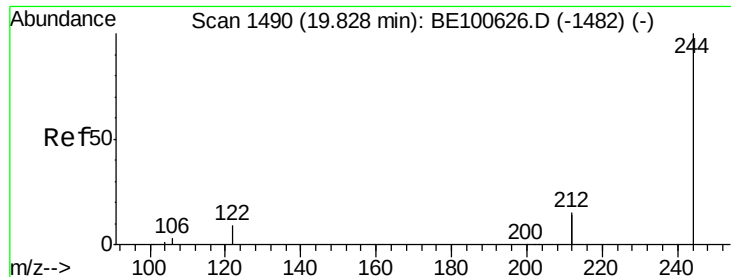
Tot Ion:240 Resp: 35266
Ion Ratio Lower Upper
240 100
120 9.5 7.6 11.4
236 27.6 22.1 33.1



#28
Pyrene
Concen: 0.400 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE100662.D
Acq: 23 Oct 2019 15:27

Tgt Ion:202 Resp: 39396
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.5 14.0 21.0





#29

Terphenyl-d14

Concen: 0.434 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

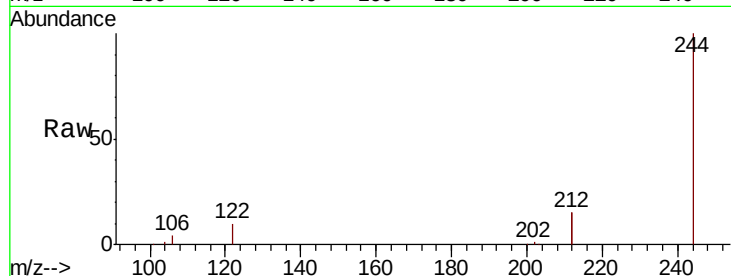
Tot Ion:244 Resp: 33438

Ion Ratio Lower Upper

244 100

212 29.6 23.7 35.5

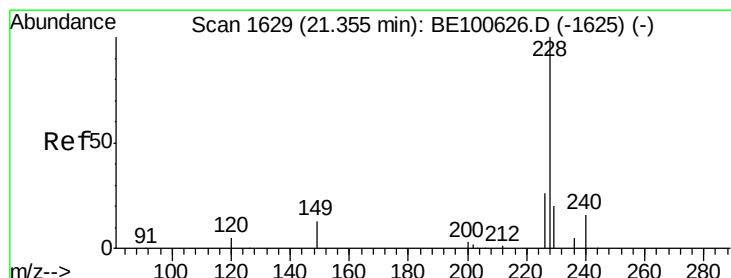
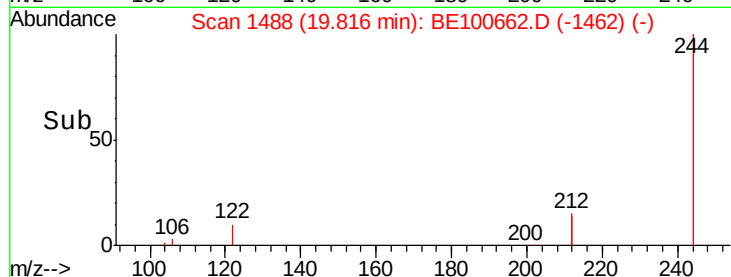
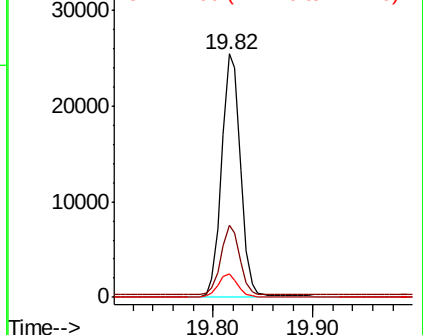
122 9.9 7.9 11.9



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: 0.387 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

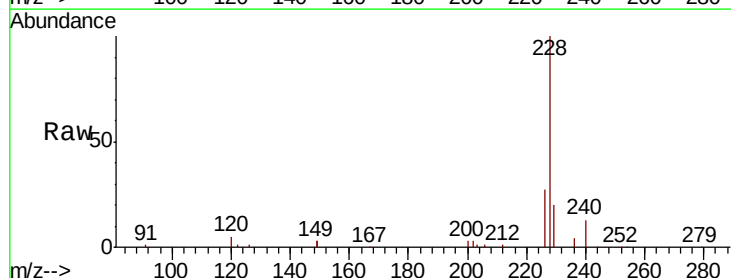
Tgt Ion:228 Resp: 44469

Ion Ratio Lower Upper

228 100

226 26.7 21.4 32.0

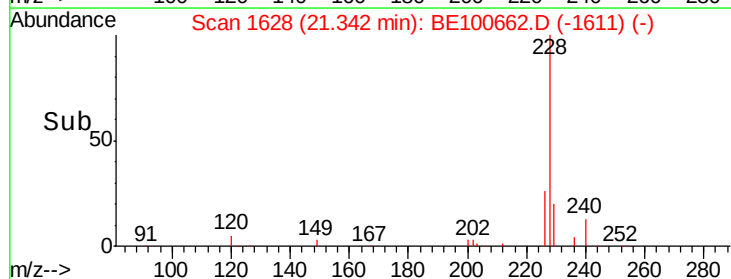
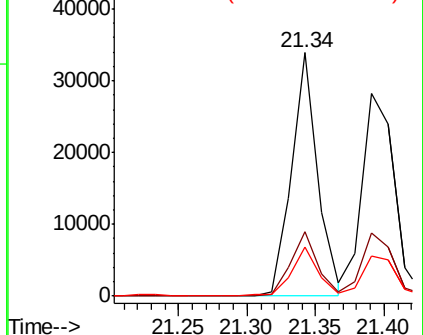
229 20.0 16.0 24.0

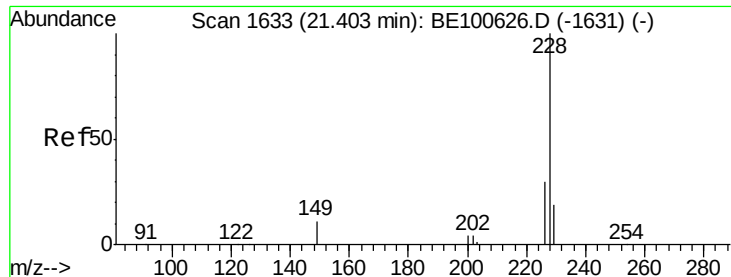


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.393 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

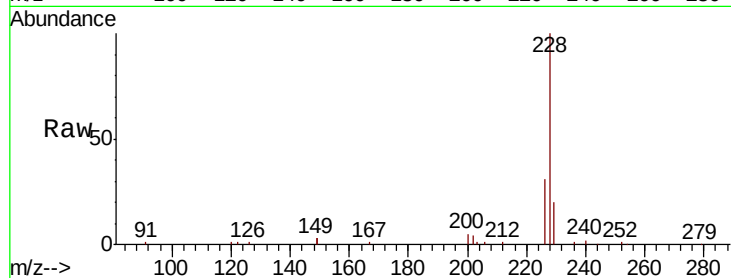
Tot Ion:228 Resp: 45138

Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

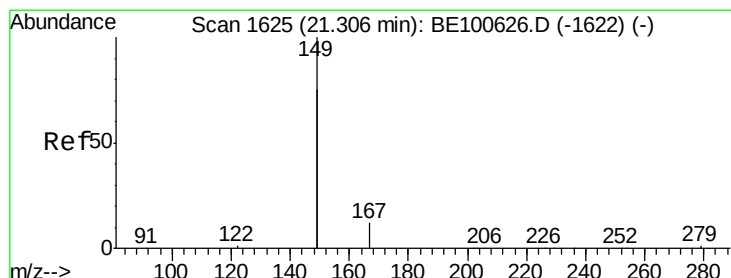
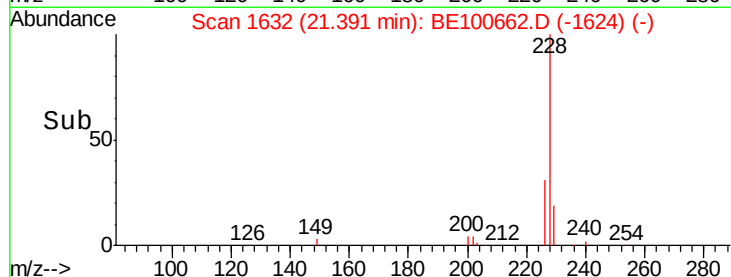
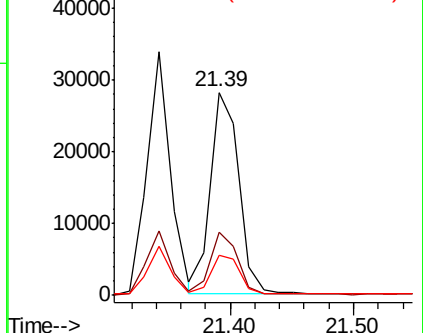
229 19.8 15.8 23.8



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: 0.454 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

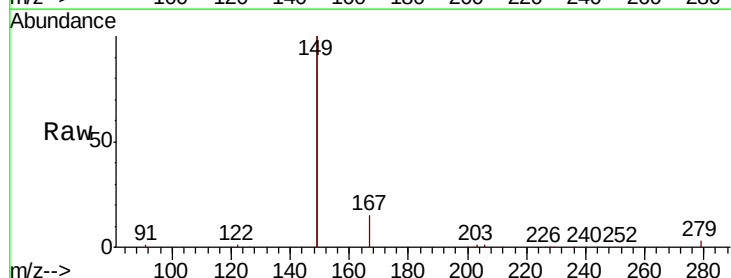
Tgt Ion:149 Resp: 109174

Ion Ratio Lower Upper

149 100

167 6.9 5.5 8.3

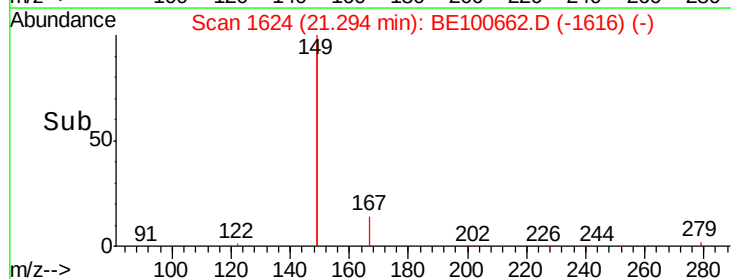
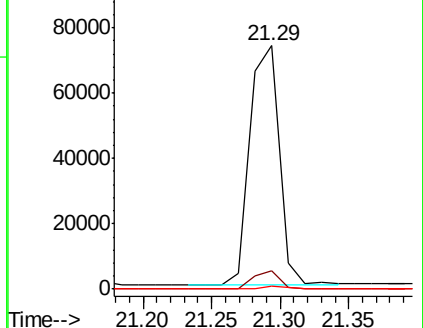
279 1.1 0.9 1.3

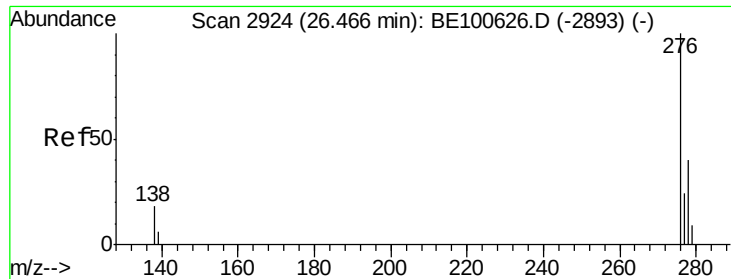


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.370 ng

RT: 26.43 min Scan# 2915

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

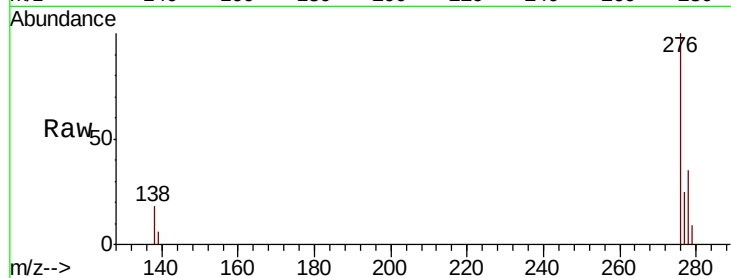
Tot Ion:276 Resp: 52272

Ion Ratio Lower Upper

276 100

138 19.1 15.3 22.9

277 24.3 19.4 29.2

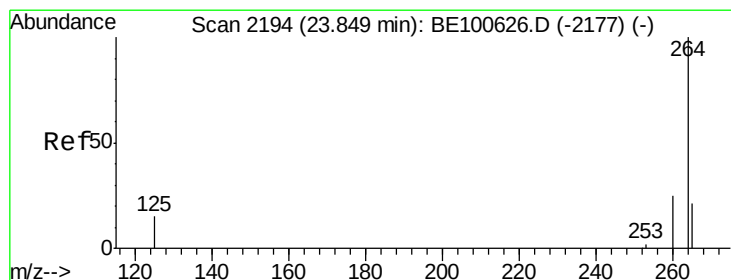
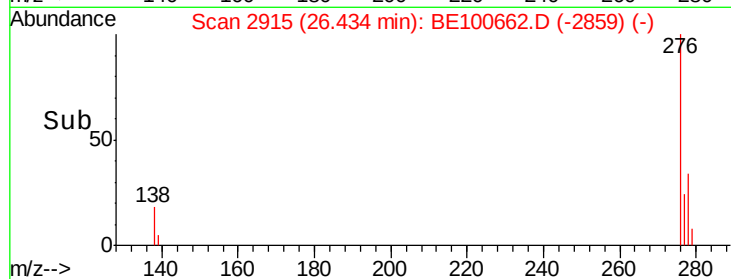
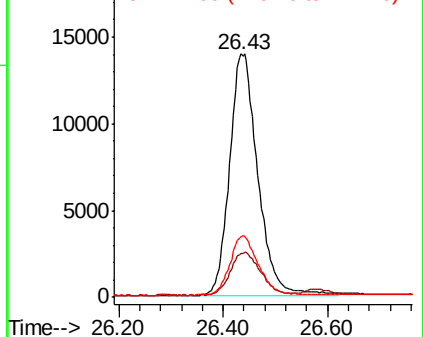


Abundance

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: 23.83 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

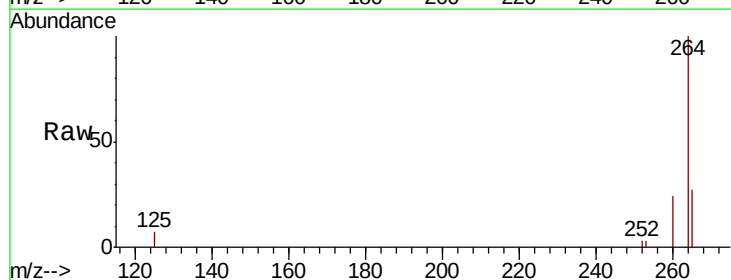
Tgt Ion:264 Resp: 40206

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 27.1 21.7 32.5

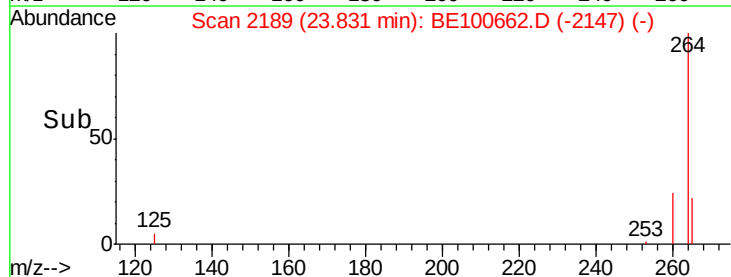
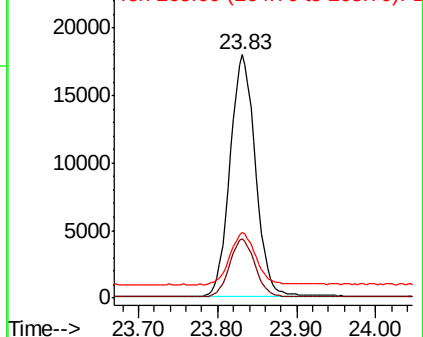


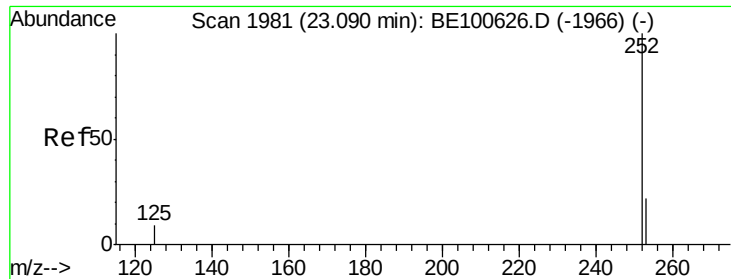
Abundance

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

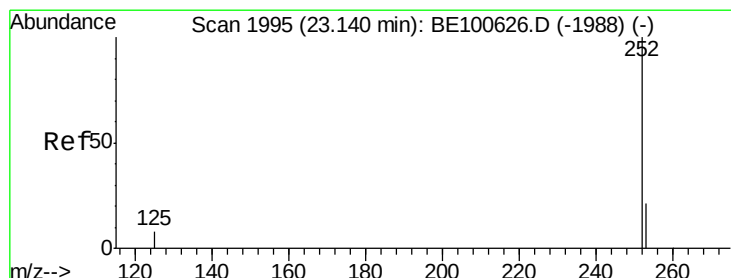
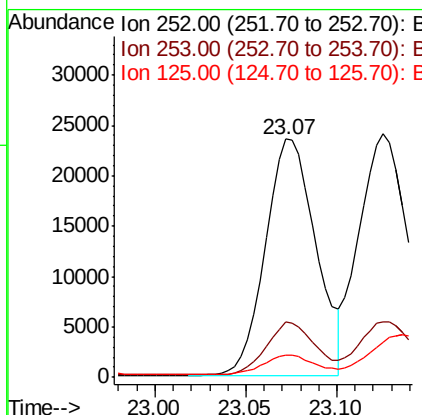
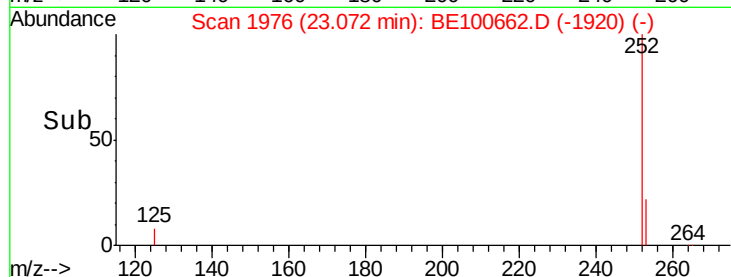
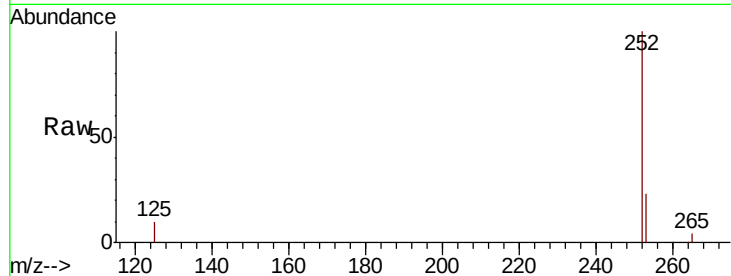




#35
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 23.07 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BE100662.D
Acq: 23 Oct 2019 15:27

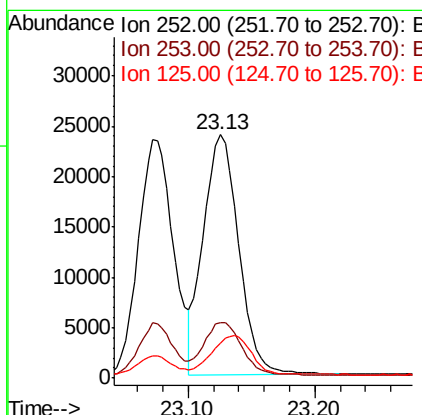
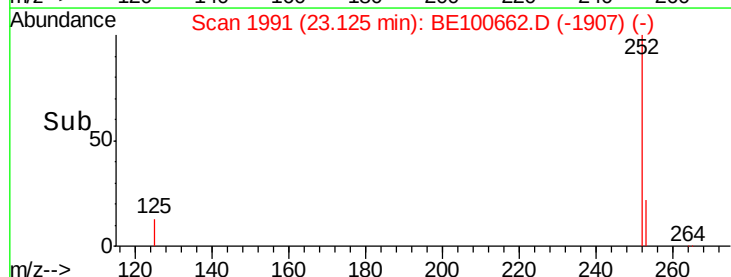
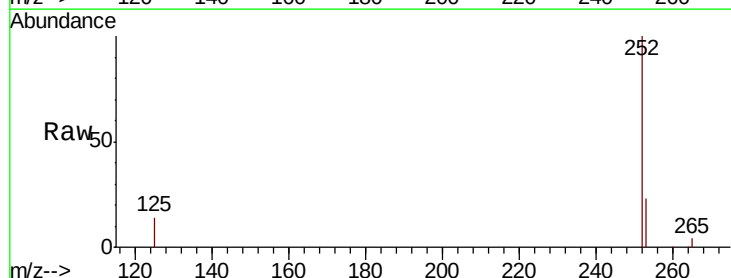
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

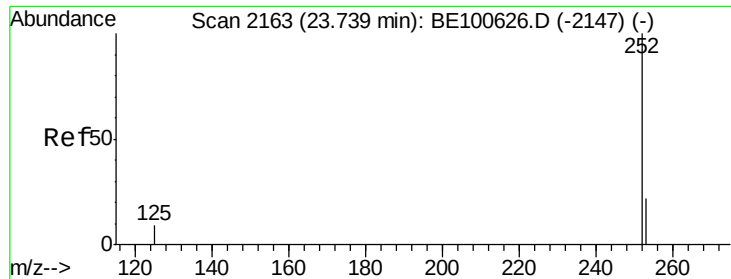
Tot Ion:252 Resp: 45120
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 9.5 7.6 11.4



#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 23.13 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BE100662.D
Acq: 23 Oct 2019 15:27

Tgt Ion:252 Resp: 46074
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 14.5 11.6 17.4





#37

Benzo(a)pyrene

Concen: 0.380 ng

RT: 23.72 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

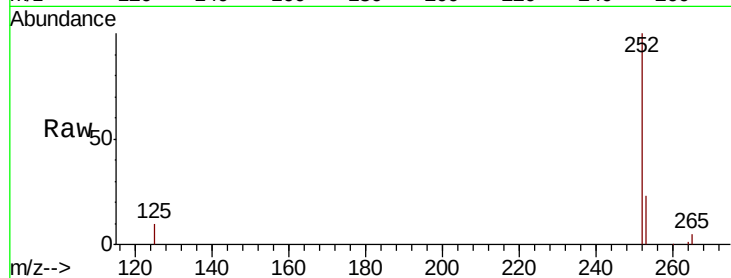
Tot Ion:252 Resp: 41516

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

125 10.3 8.2 12.4

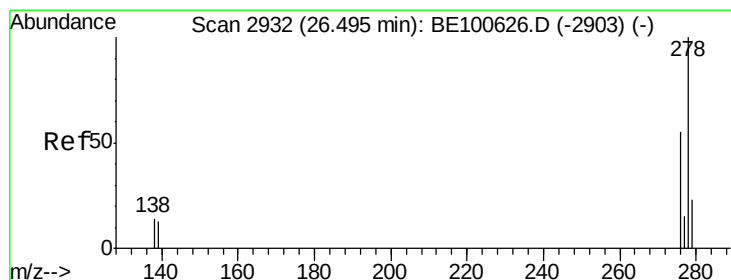
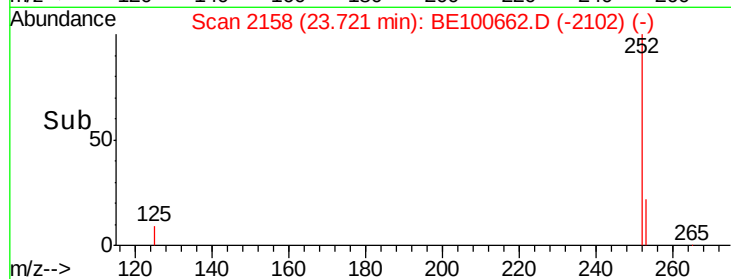
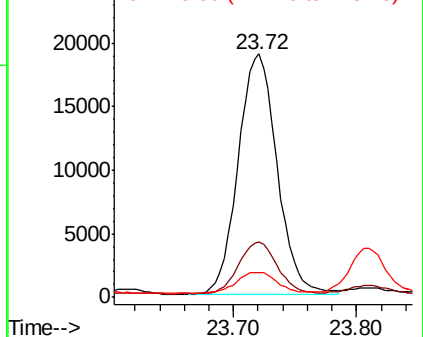


Abundance

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: 0.371 ng

RT: 26.46 min Scan# 2923

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

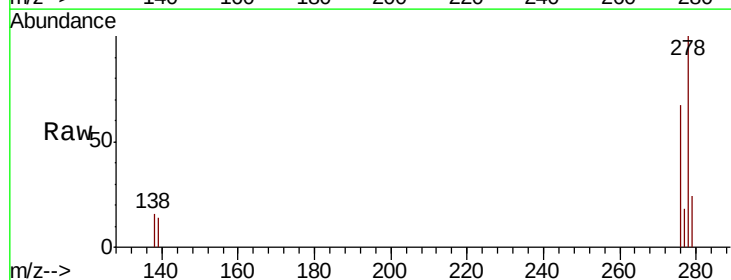
Tgt Ion:278 Resp: 41895

Ion Ratio Lower Upper

278 100

139 13.6 10.9 16.3

279 24.3 19.4 29.2

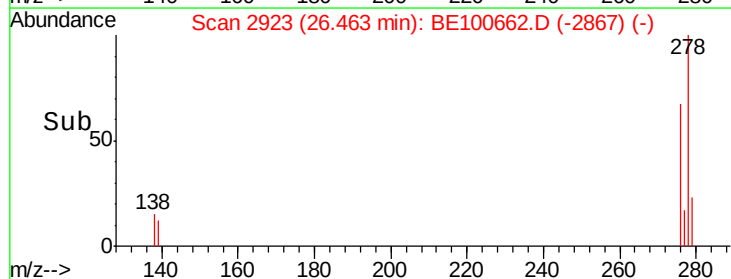
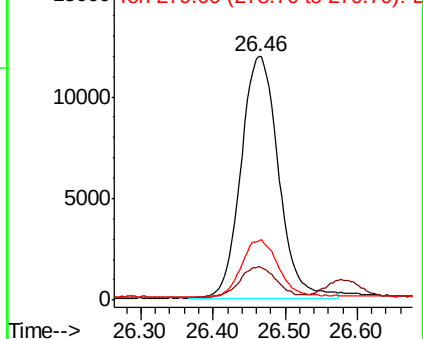


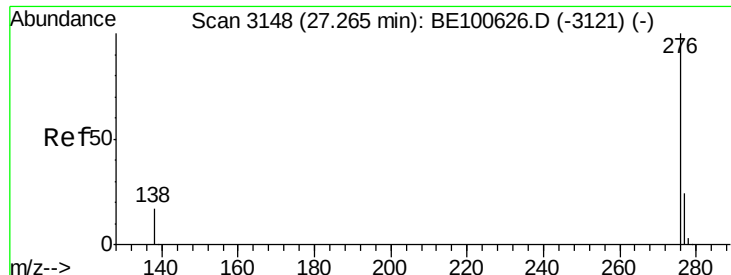
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.383 ng

RT: 27.23 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BE100662.D

Acq: 23 Oct 2019 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

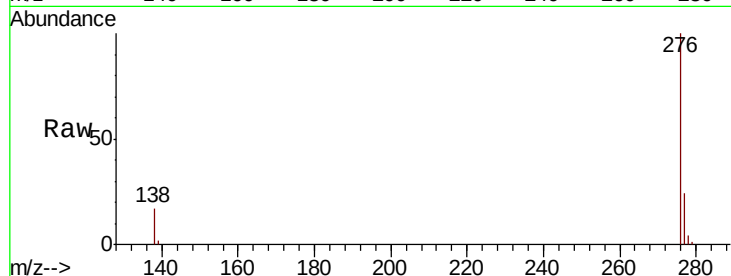
Tot Ion:276 Resp: 43404

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 17.0 13.6 20.4



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

