

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101519\
 Data File : BE100641.D
 Acq On : 15 Oct 2019 9:06
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 15 09:50:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 10 14:01:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	5746	0.40	ng	-0.01
7) Naphthalene-d8	10.64	136	23916	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	14271	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	33857	0.40	ng	0.00
27) Chrysene-d12	21.37	240	50100	0.40	ng	0.00
34) Perylene-d12	23.84	264	57857	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	6833	0.39	ng	0.00
5) Phenol-d6	7.01	99	9979	0.40	ng	0.00
8) Nitrobenzene-d5	8.99	82	6420	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	14408	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1379	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	23361	0.45	ng	0.00
25) Fluoranthene-d10	19.22	212	173600	0.40	ng	0.00
29) Terphenyl-d14	19.82	244	47526	0.43	ng	0.00

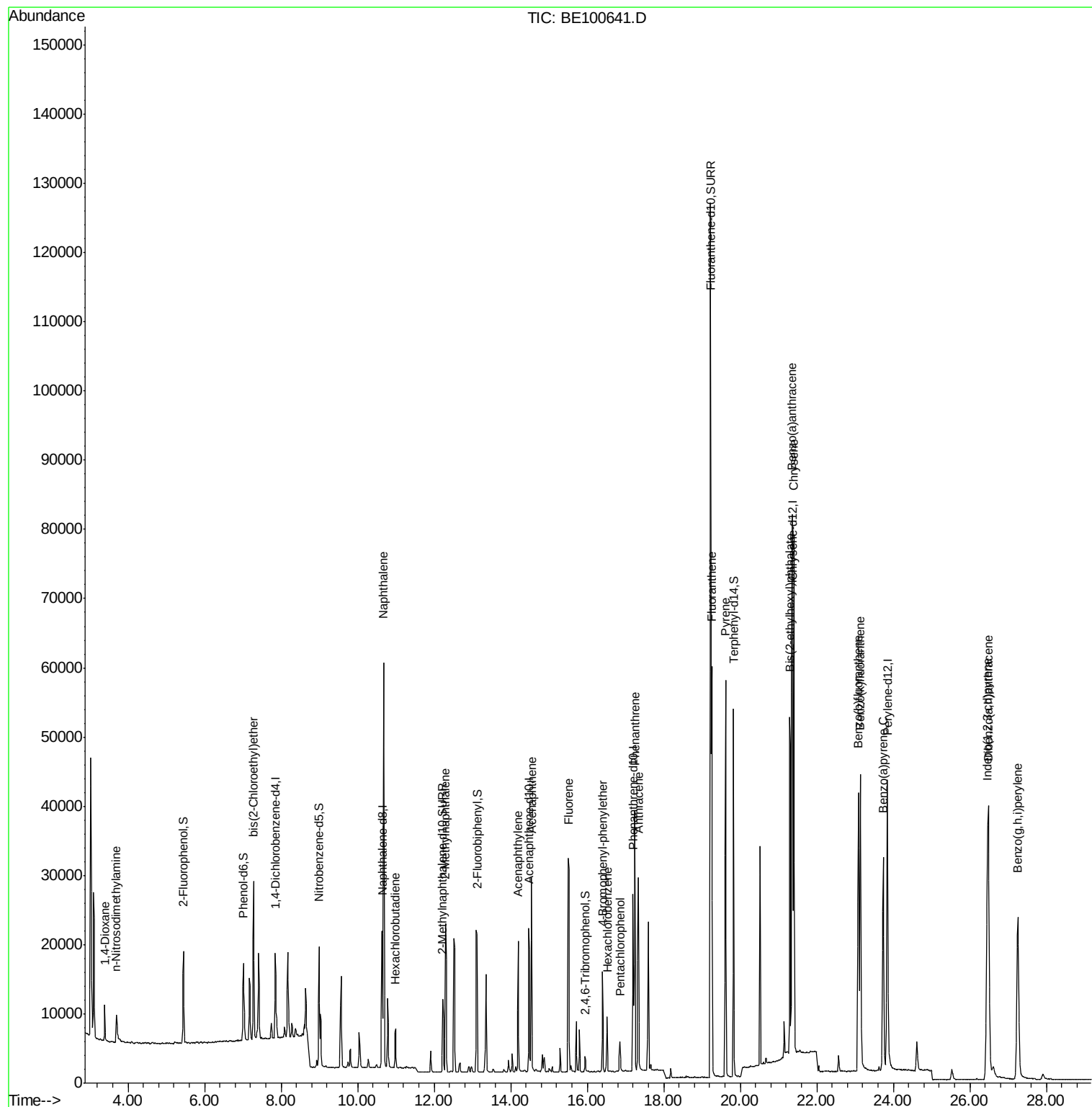
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	3843	0.375	ng	# 100
3) n-Nitrosodimethylamine	3.69	42	4067	0.375	ng	# 98
6) bis(2-Chloroethyl)ether	7.27	93	7773	0.378	ng	97
9) Naphthalene	10.68	128	98673	0.392	ng	99
10) Hexachlorobutadiene	10.99	225	4380	0.401	ng	98
12) 2-Methylnaphthalene	12.30	142	16204	0.378	ng	94
16) Acenaphthylene	14.20	152	21431	0.349	ng	99
17) Acenaphthene	14.54	154	15656	0.394	ng	98
18) Fluorene	15.51	166	20117	0.382	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	6455	0.375	ng	# 74
21) Hexachlorobenzene	16.52	284	6457	0.393	ng	99
22) Pentachlorophenol	16.85	266	2291	0.433	ng	99
23) Phenanthrene	17.24	178	37927	0.407	ng	99
24) Anthracene	17.33	178	30606	0.354	ng	100
26) Fluoranthene	19.25	202	51111	0.421	ng	100
28) Pyrene	19.62	202	53565	0.383	ng	100
30) Benzo(a)anthracene	21.35	228	58830	0.360	ng	99
31) Chrysene	21.40	228	63513	0.389	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	68771	0.201	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.46	276	67711	0.337	ng	100
35) Benzo(b)fluoranthene	23.09	252	60802	0.360	ng	99
36) Benzo(k)fluoranthene	23.14	252	63805	0.368	ng	99
37) Benzo(a)pyrene	23.73	252	52663	0.335	ng	99
38) Dibenzo(a,h)anthracene	26.48	278	56553	0.348	ng	99
39) Benzo(g,h,i)perylene	27.25	276	59305	0.363	ng	99

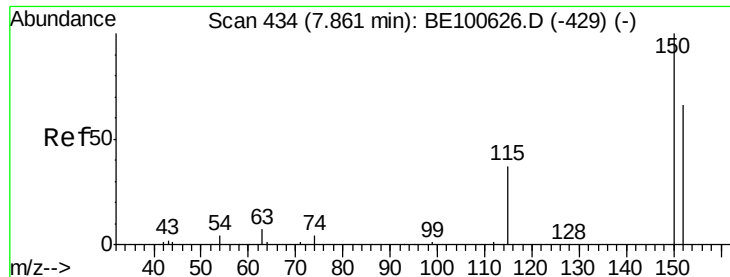
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 10 14:01:52 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. -0.01 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

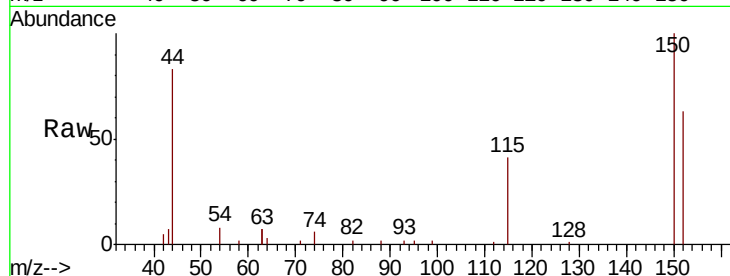
Tot Ion:152 Resp: 5746

Ion Ratio Lower Upper

152 100

150 158.4 120.7 181.1

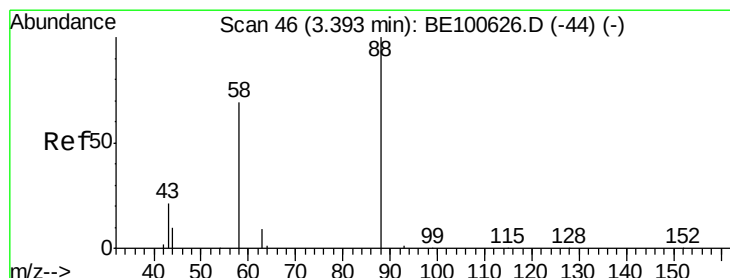
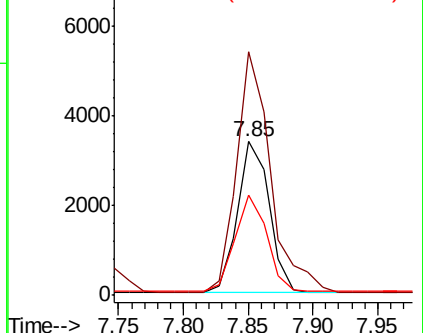
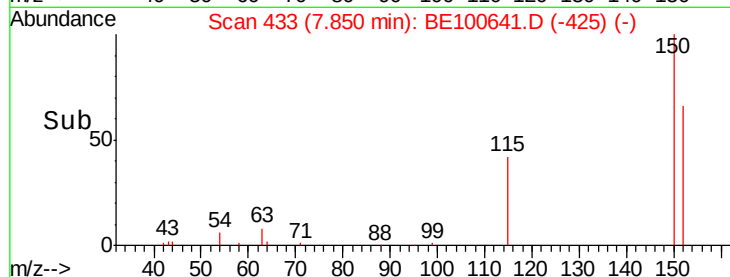
115 65.7 48.0 72.0



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: 0.375 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

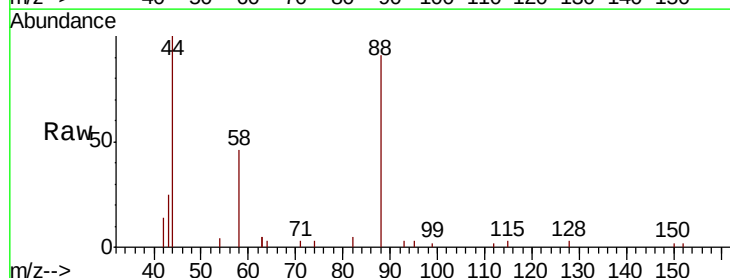
Tgt Ion: 88 Resp: 3843

Ion Ratio Lower Upper

88 100

58 78.7 0.0 0.0#

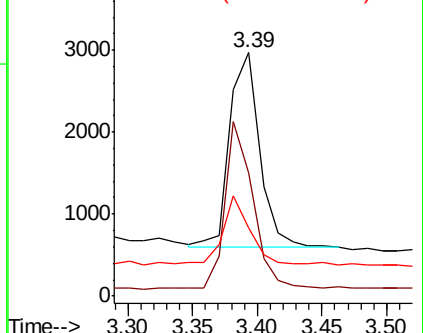
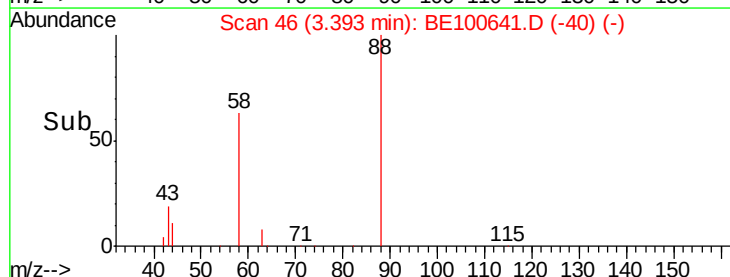
43 31.7 0.0 0.0#

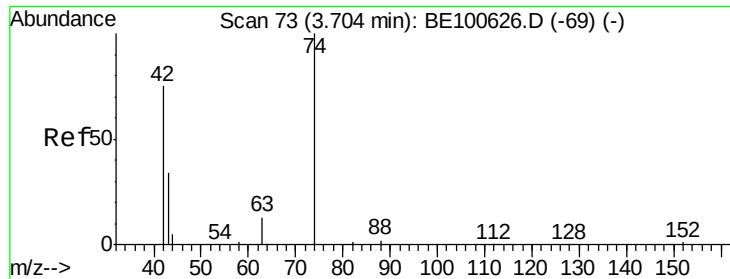


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.375 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.01 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

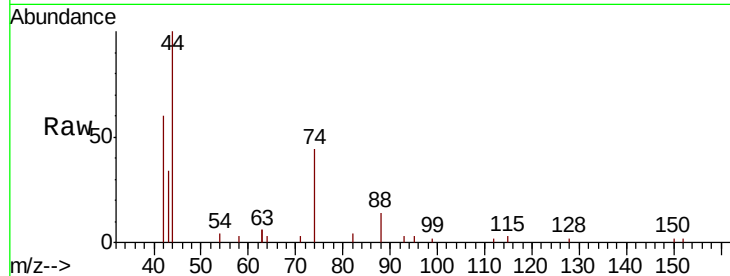
Tot Ion: 42 Resp: 4067

Ion Ratio Lower Upper

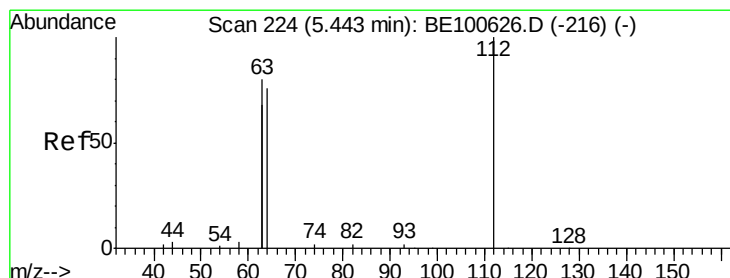
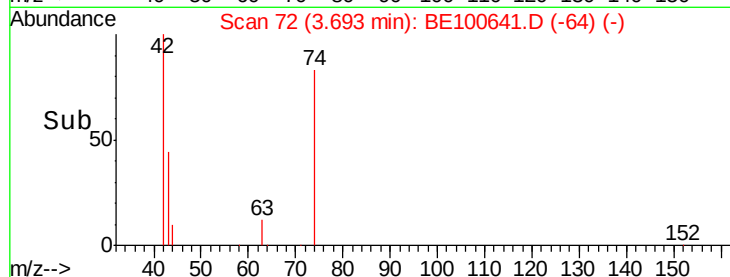
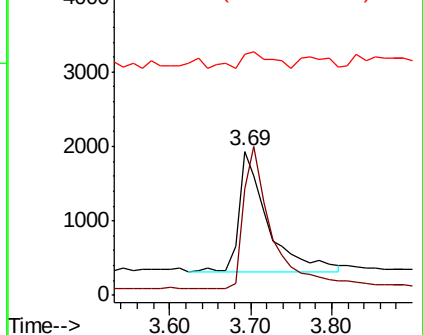
42 100

74 113.2 91.7 137.5

44 13.5 8.2 12.2#



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: 0.385 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

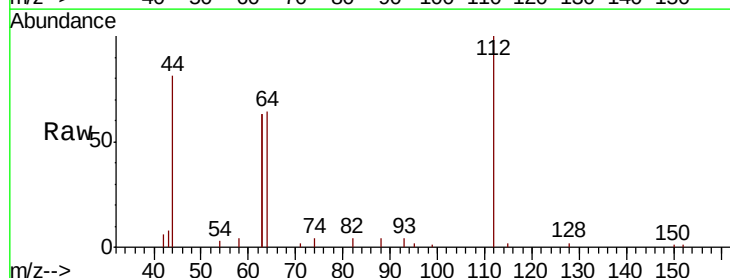
Tgt Ion: 112 Resp: 6833

Ion Ratio Lower Upper

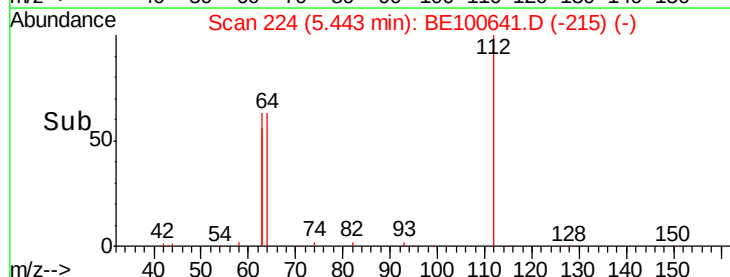
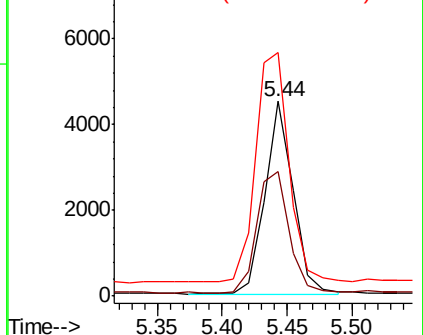
112 100

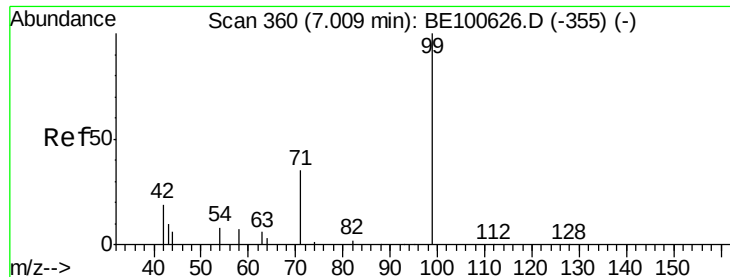
64 71.9 58.9 88.3

63 138.6 118.3 177.5



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: 0.399 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

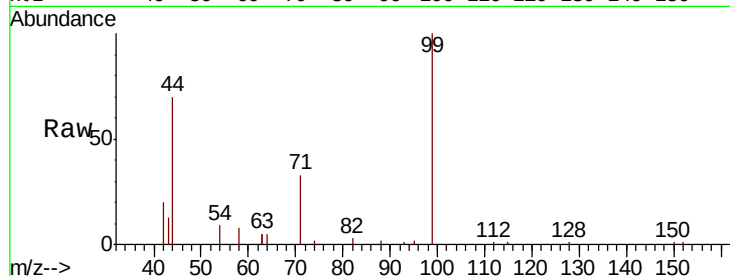
Tot Ion: 99 Resp: 9979

Ion Ratio Lower Upper

99 100

42 23.5 19.4 29.2

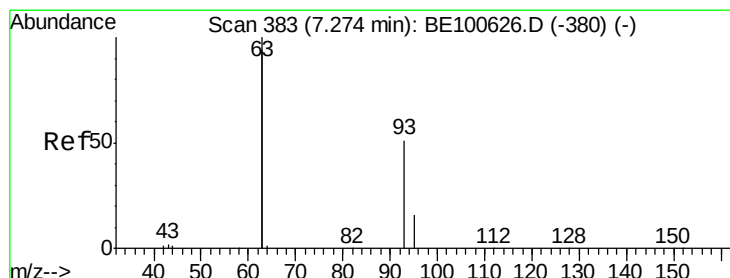
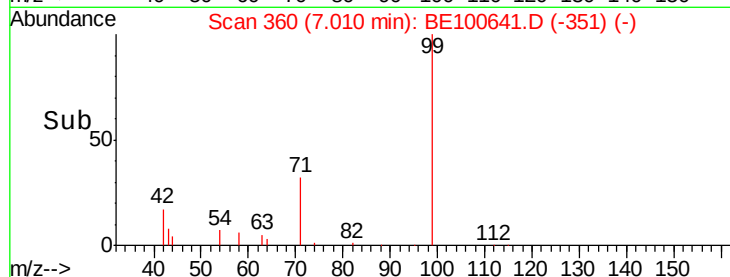
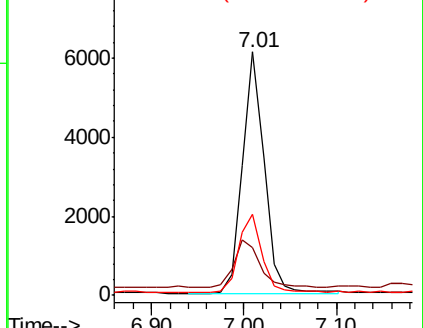
71 34.4 26.9 40.3



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: 0.378 ng

RT: 7.27 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

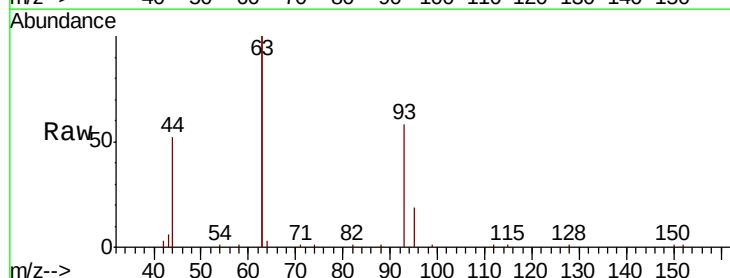
Tgt Ion: 93 Resp: 7773

Ion Ratio Lower Upper

93 100

63 352.8 277.4 416.0

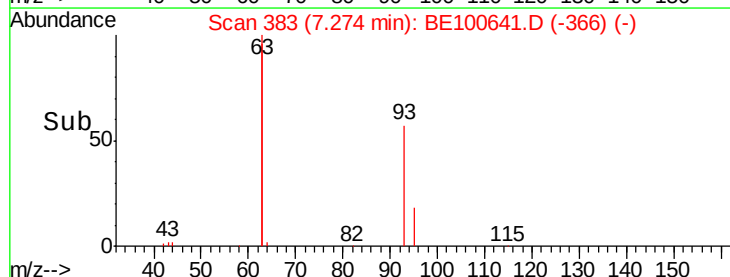
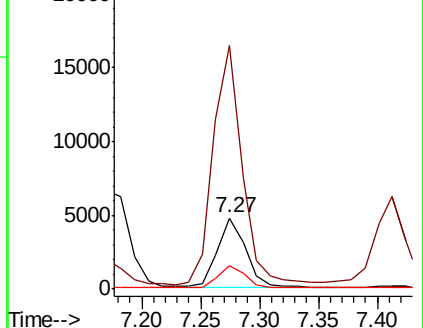
95 32.7 24.7 37.1

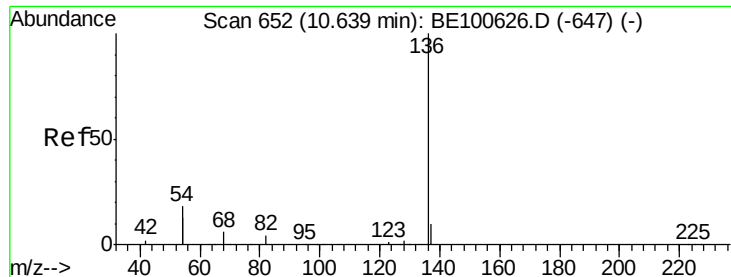


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.64 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 23916

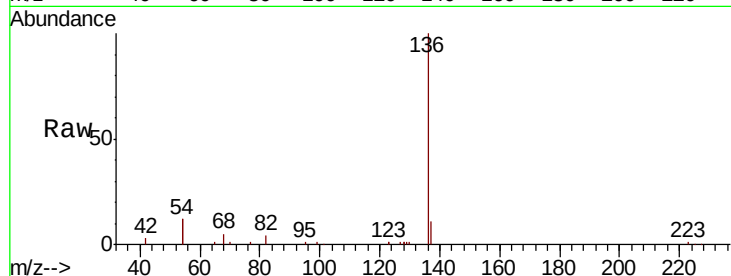
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 24.6 28.7 43.1#

68 5.1 5.9 8.9#



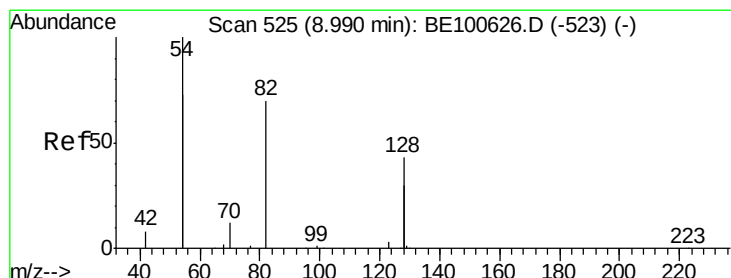
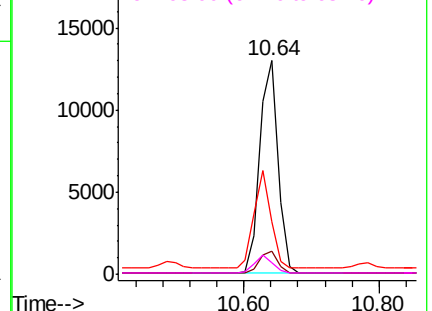
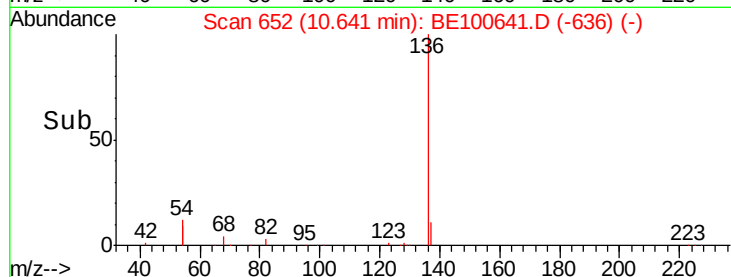
Abundance

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: 0.433 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

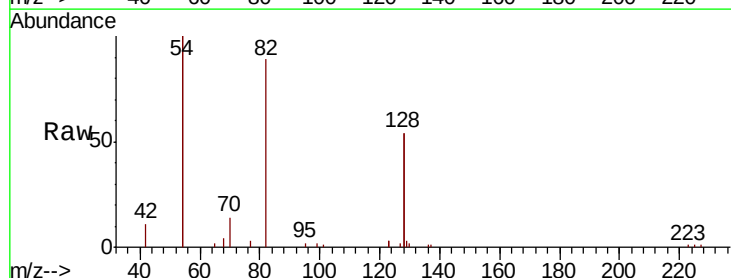
Tgt Ion: 82 Resp: 6420

Ion Ratio Lower Upper

82 100

128 121.4 90.7 136.1

54 225.6 210.9 316.3

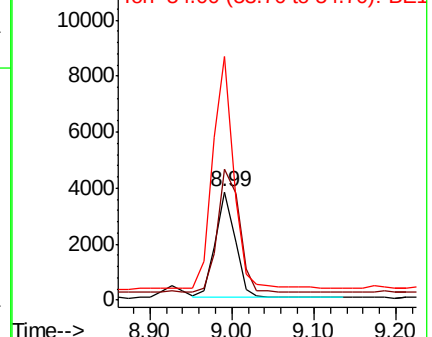
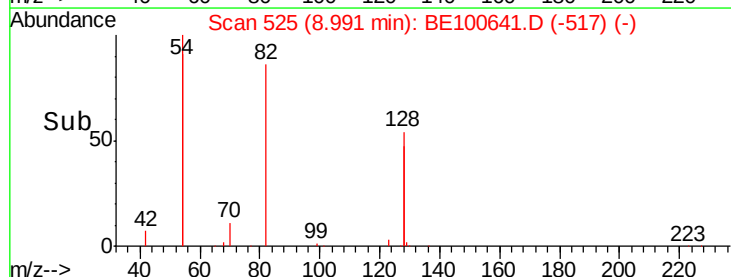


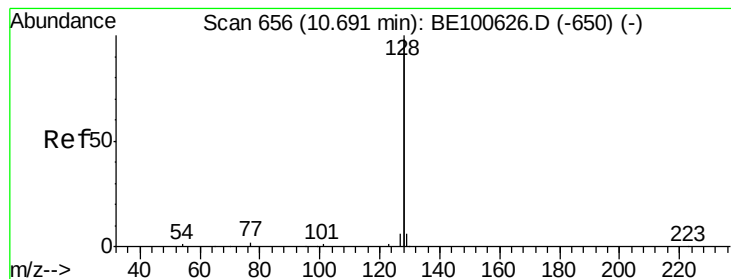
Abundance

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: 0.392 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

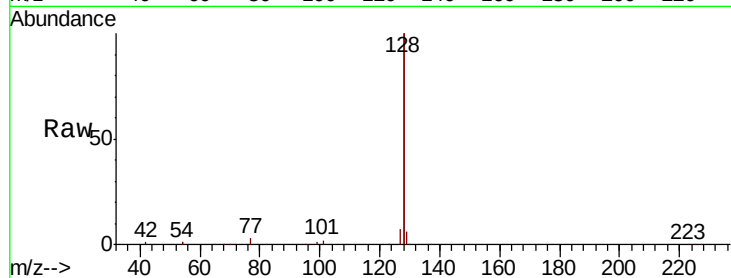
Tot Ion:128 Resp: 98673

Ion Ratio Lower Upper

128 100

129 2.8 2.4 3.6

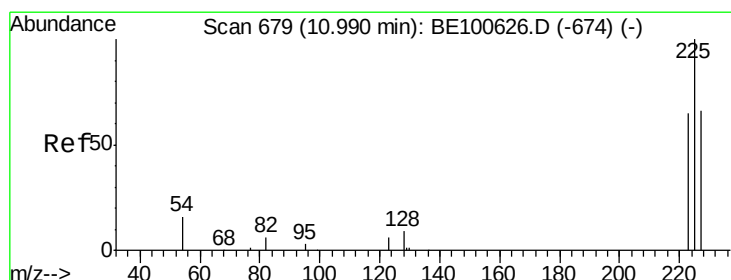
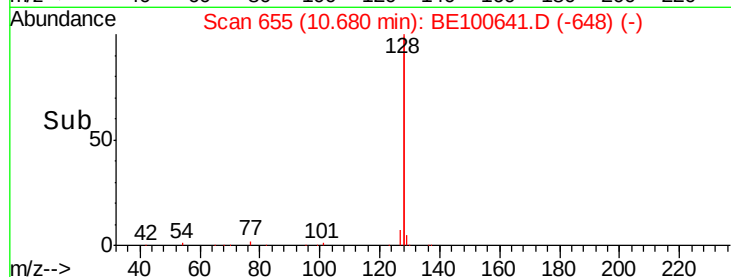
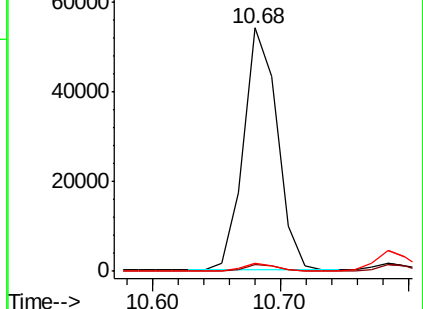
127 3.4 2.6 3.8



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: 0.401 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

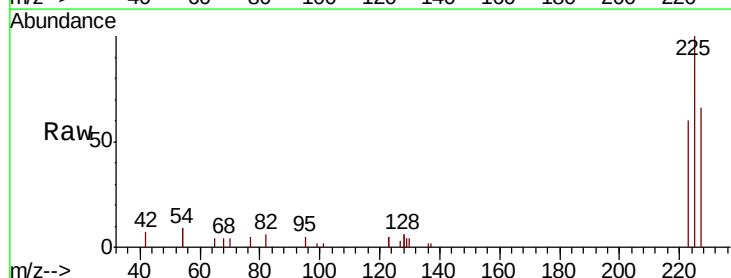
Tgt Ion:225 Resp: 4380

Ion Ratio Lower Upper

225 100

223 61.2 51.2 76.8

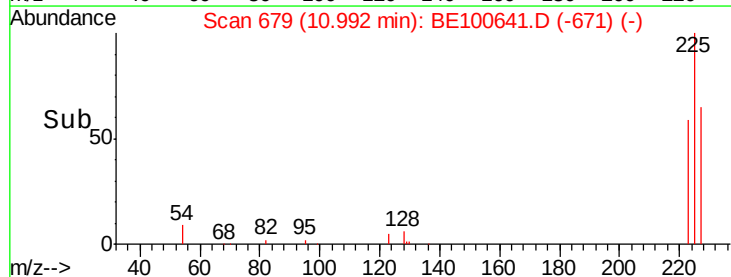
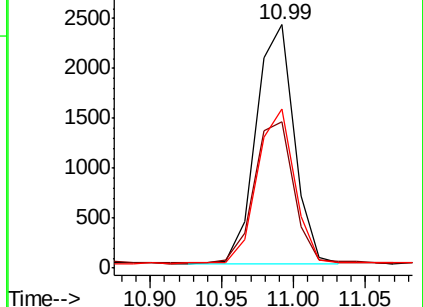
227 63.8 51.8 77.8

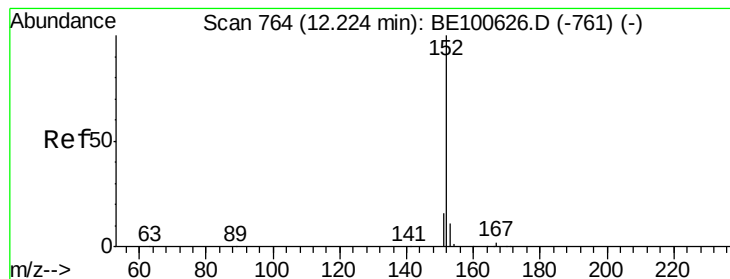


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.382 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

Instrument :

BNA_E

ClientSampleId :

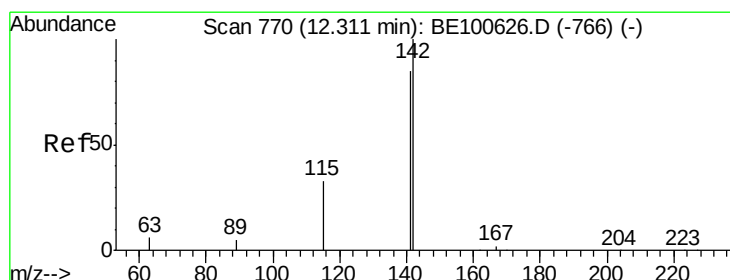
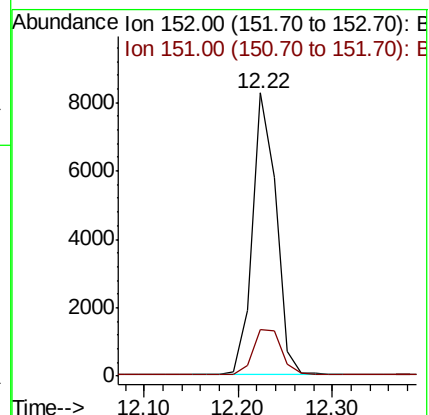
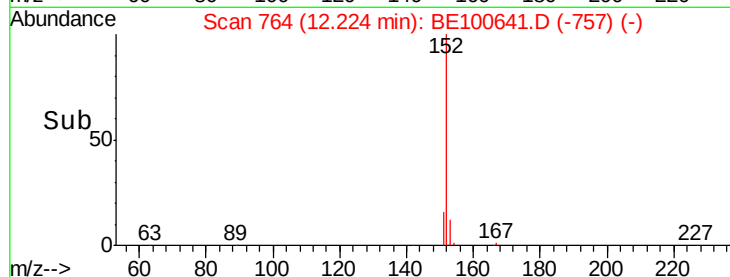
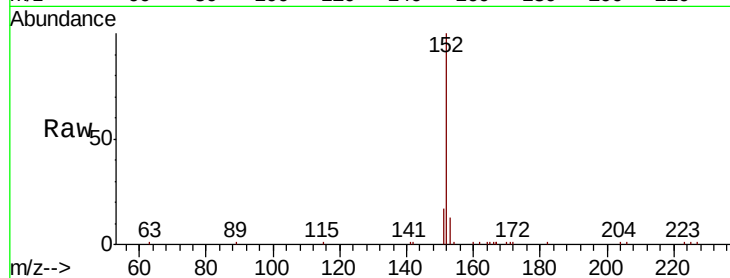
SSTDCCC0.4

Tot Ion:152 Resp: 14408

Ion Ratio Lower Upper

152 100

151 19.1 15.2 22.8



#12

2-Methylnaphthalene

Concen: 0.378 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.01 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

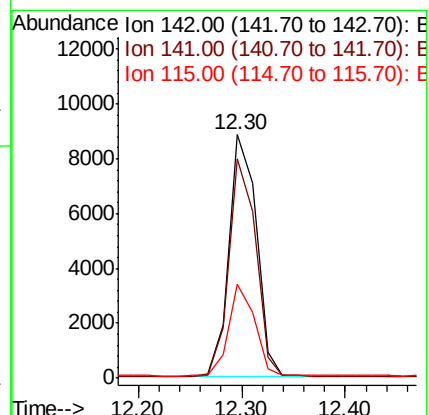
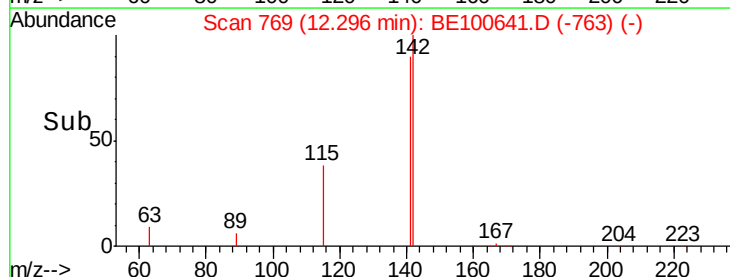
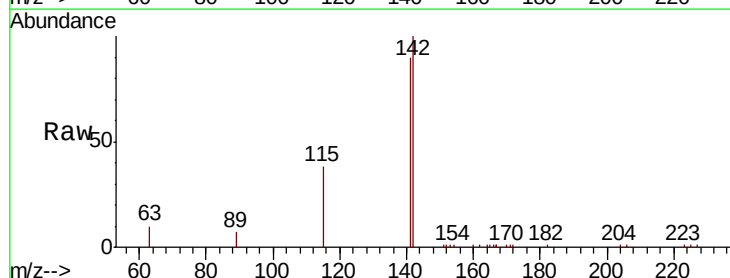
Tgt Ion:142 Resp: 16204

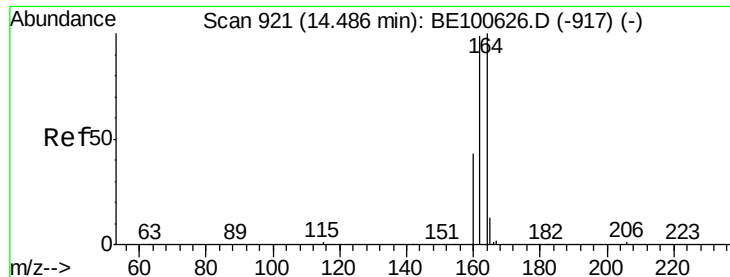
Ion Ratio Lower Upper

142 100

141 90.3 68.3 102.5

115 38.3 27.5 41.3

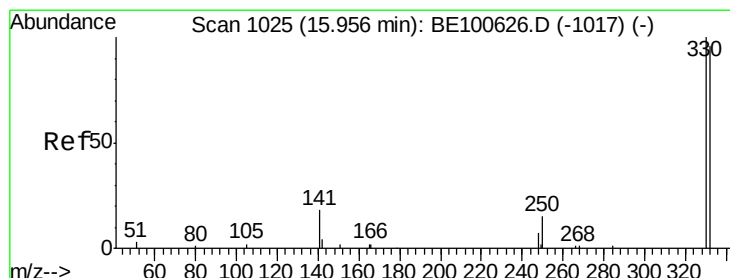
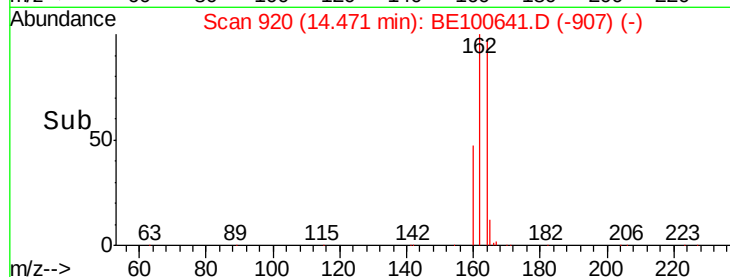
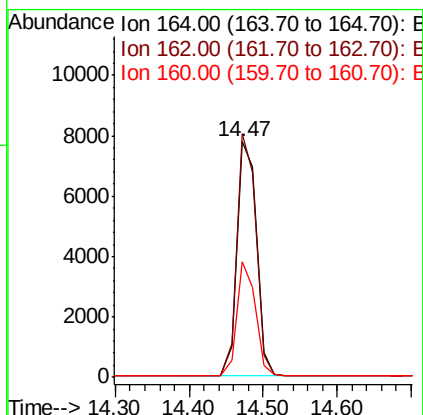
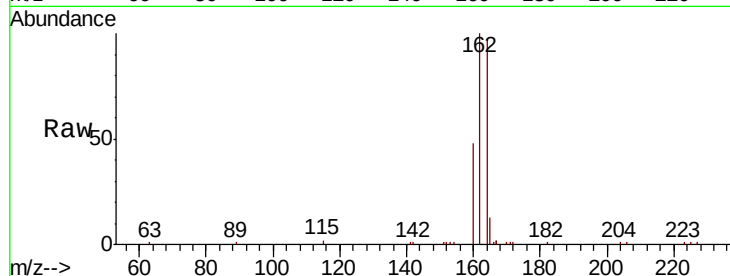




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE100641.D
Acq: 15 Oct 2019 9:06

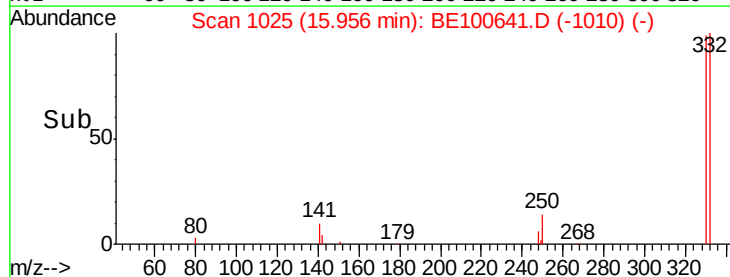
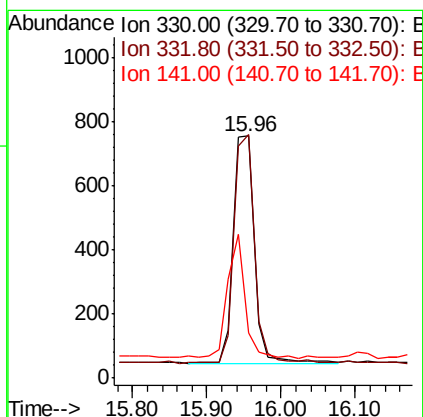
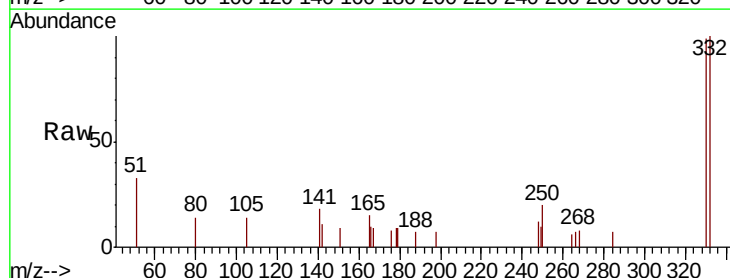
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

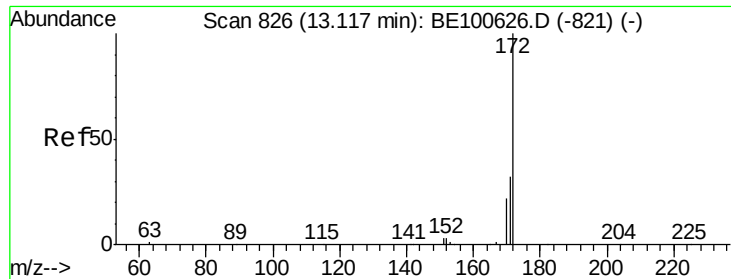
Tot Ion:164 Resp: 14271
Ion Ratio Lower Upper
164 100
162 103.2 79.1 118.7
160 49.1 34.7 52.1



#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100641.D
Acq: 15 Oct 2019 9:06

Tgt Ion:330 Resp: 1379
Ion Ratio Lower Upper
330 100
332 99.1 75.2 112.8
141 46.7 37.5 56.3

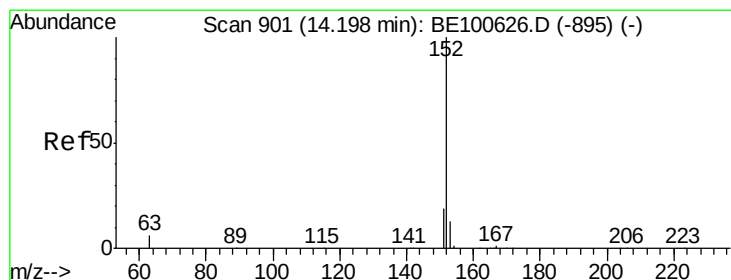
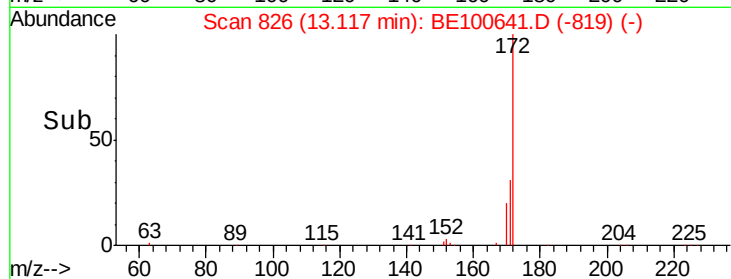
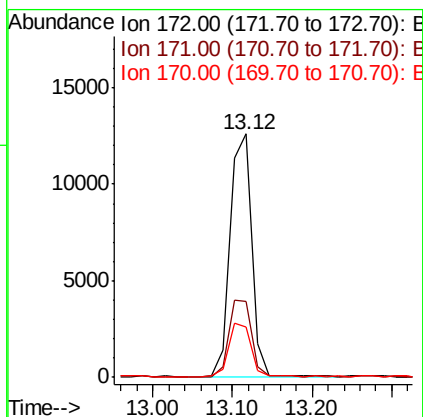
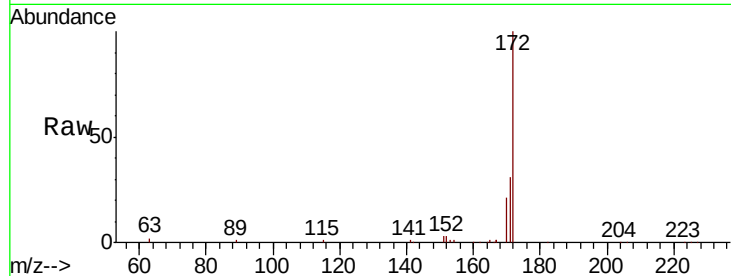




#15
2-Fluorobiphenyl
Concen: 0.449 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100641.D
Acq: 15 Oct 2019 9:06

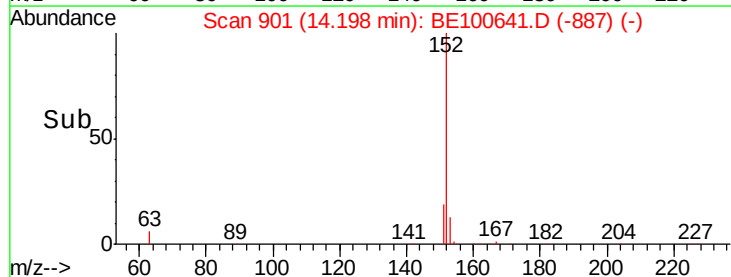
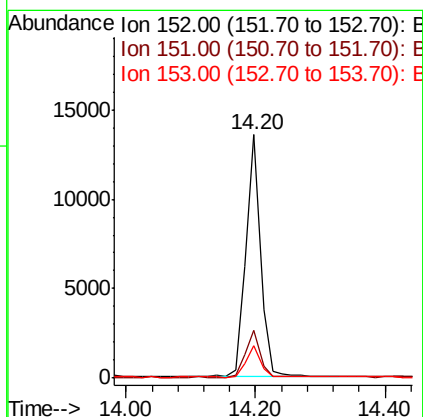
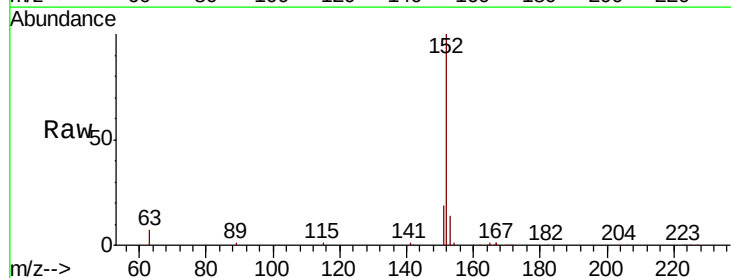
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

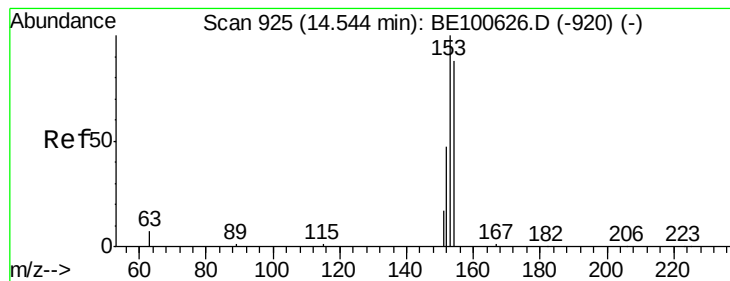
Tot Ion:172 Resp: 23361
Ion Ratio Lower Upper
172 100
171 31.4 26.2 39.4
170 20.8 17.5 26.3



#16
Acenaphthylene
Concen: 0.349 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100641.D
Acq: 15 Oct 2019 9:06

Tgt Ion:152 Resp: 21431
Ion Ratio Lower Upper
152 100
151 19.2 15.6 23.4
153 12.7 10.5 15.7





#17

Acenaphthene

Concen: 0.394 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

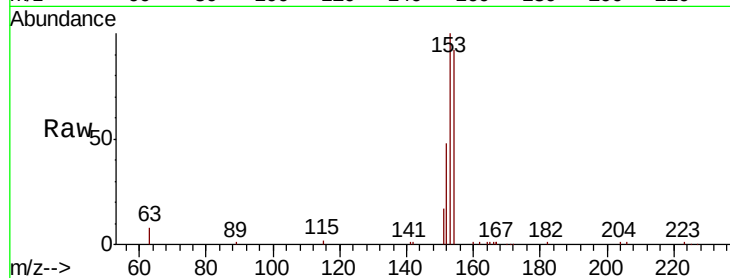
Tot Ion:154 Resp: 15656

Ion Ratio Lower Upper

154 100

153 111.1 91.4 137.2

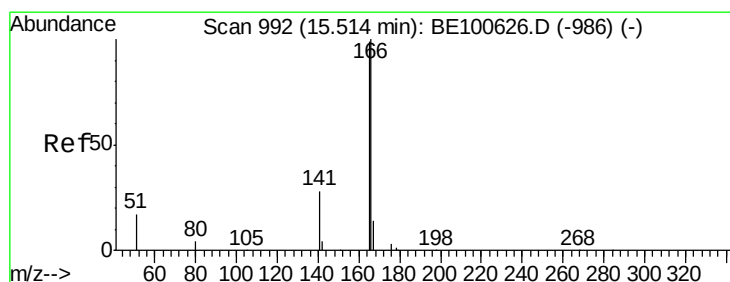
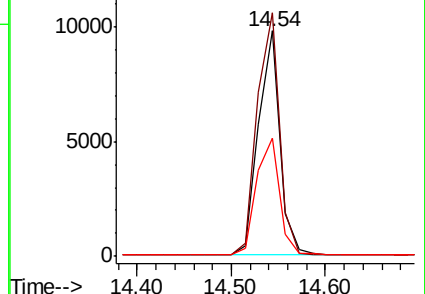
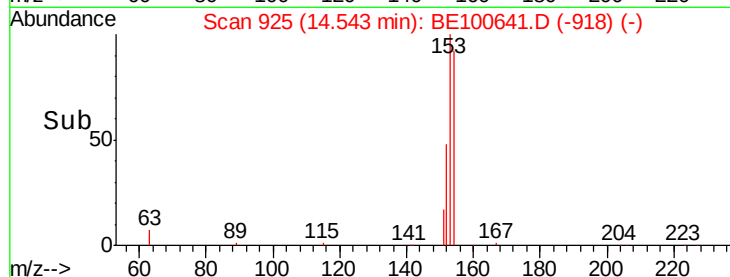
152 55.3 44.0 66.0



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: 0.382 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

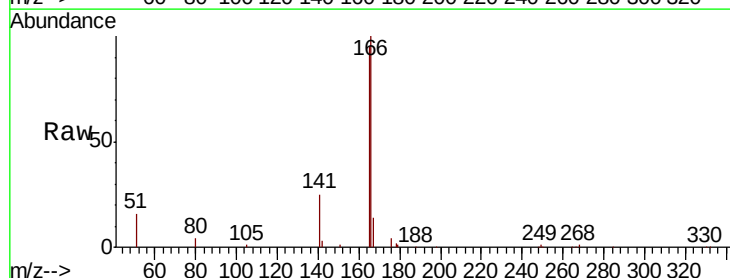
Tgt Ion:166 Resp: 20117

Ion Ratio Lower Upper

166 100

165 99.4 78.9 118.3

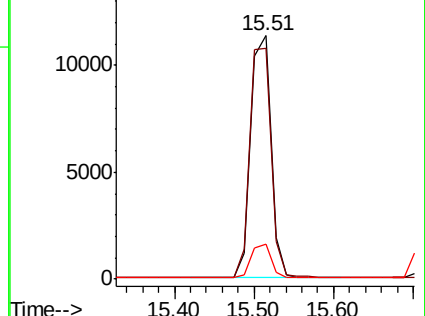
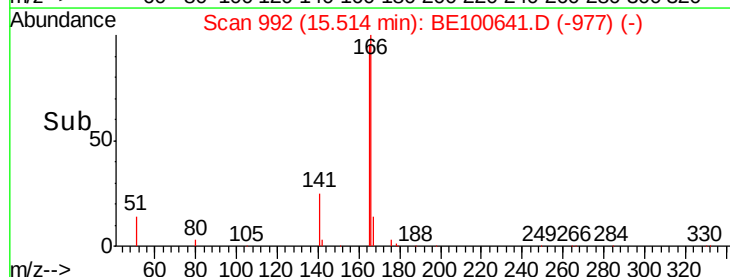
167 13.6 10.9 16.3

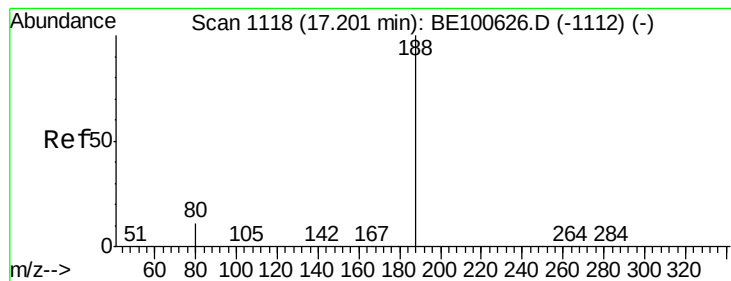


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE100641.D

Acq: 15 Oct 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

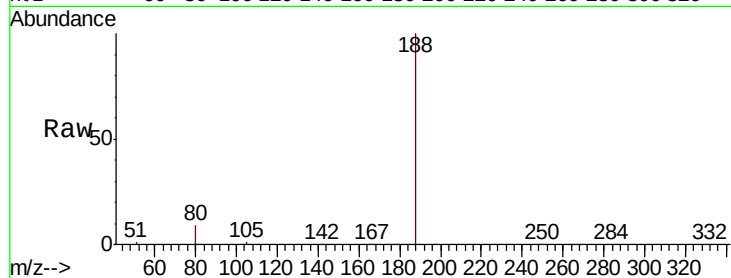
Tot Ion:188 Resp: 33857

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

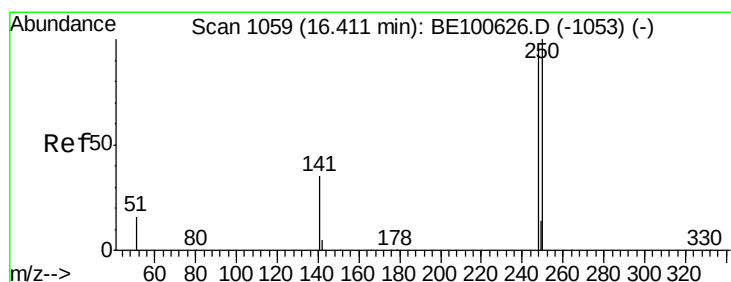
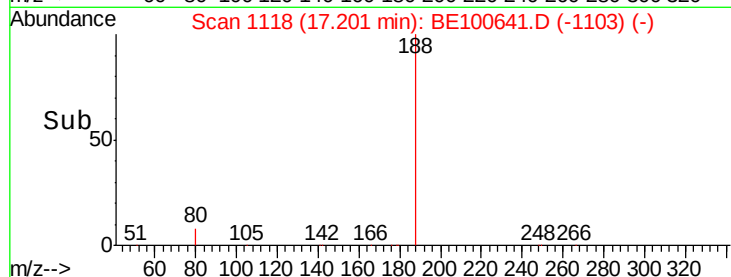
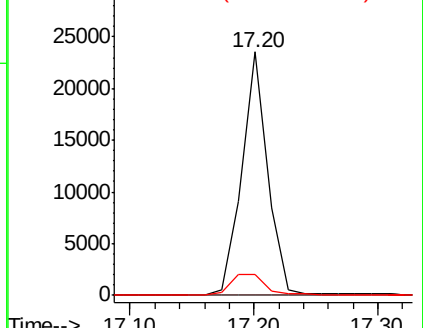
80 8.5 9.4 14.2#



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: 0.375 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

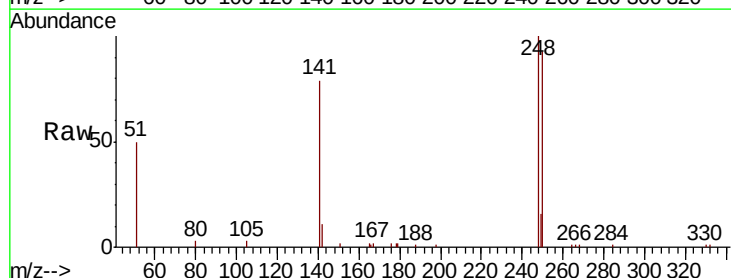
Tgt Ion:248 Resp: 6455

Ion Ratio Lower Upper

248 100

250 92.8 83.4 125.2

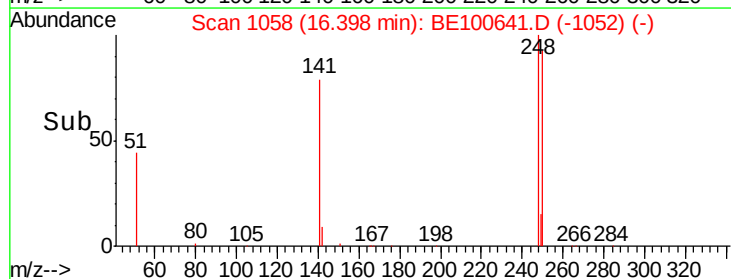
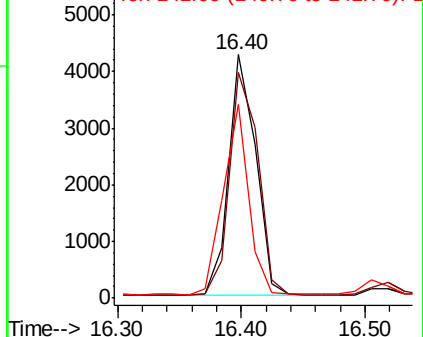
141 79.3 30.8 46.2#

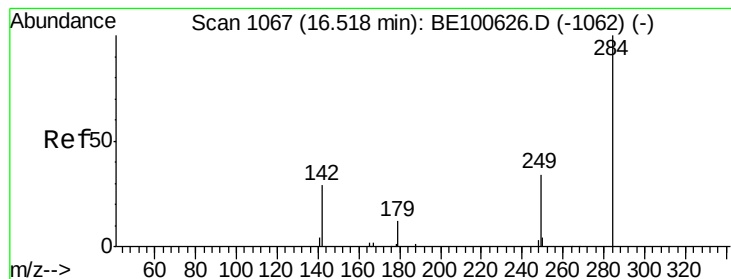


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.393 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

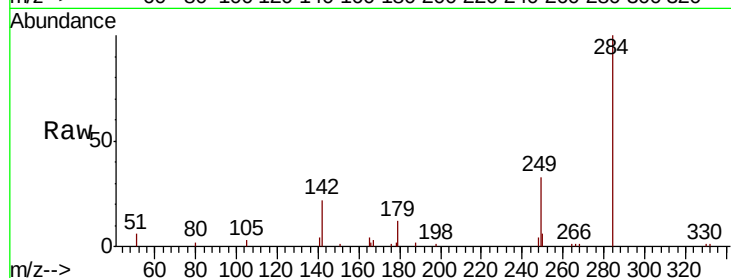
Tot Ion:284 Resp: 6457

Ion Ratio Lower Upper

284 100

142 36.5 29.8 44.8

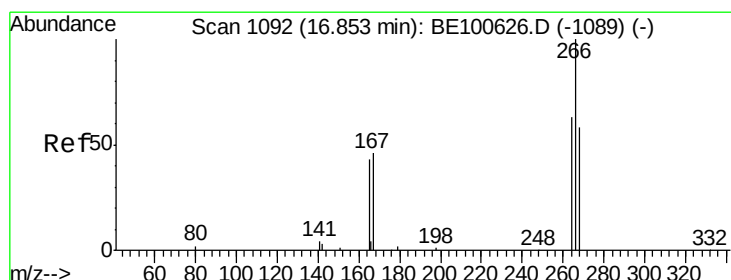
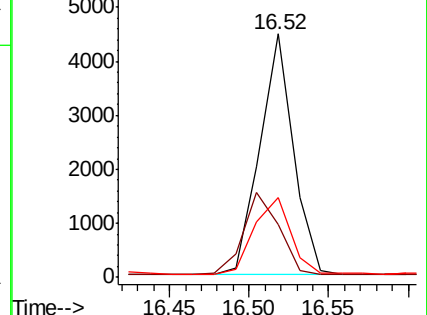
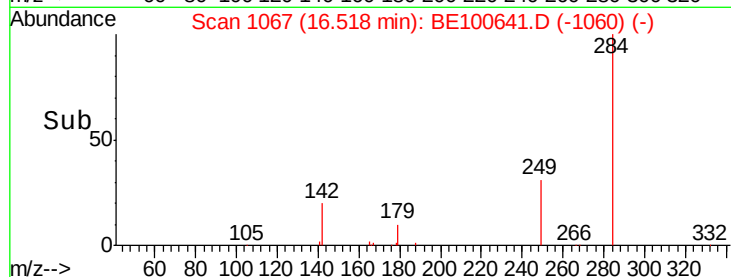
249 34.4 27.3 40.9



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: 0.433 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

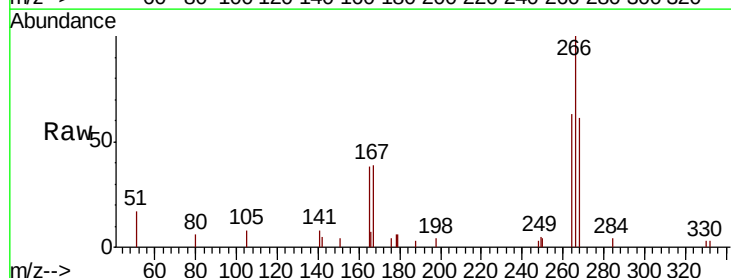
Tgt Ion:266 Resp: 2291

Ion Ratio Lower Upper

266 100

264 62.8 50.7 76.1

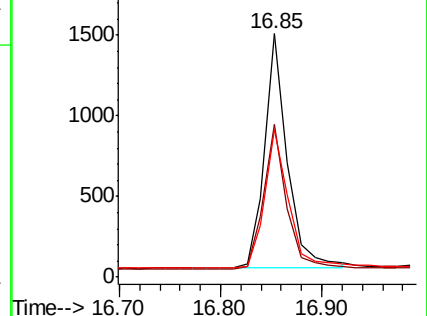
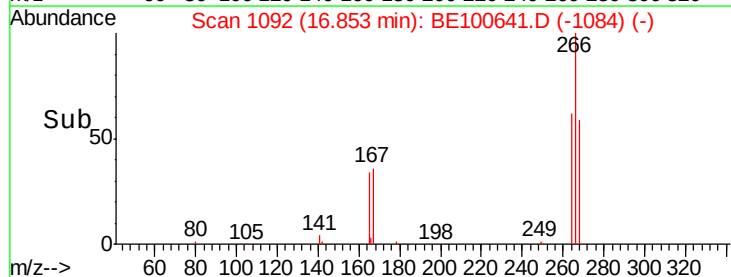
268 60.8 48.5 72.7

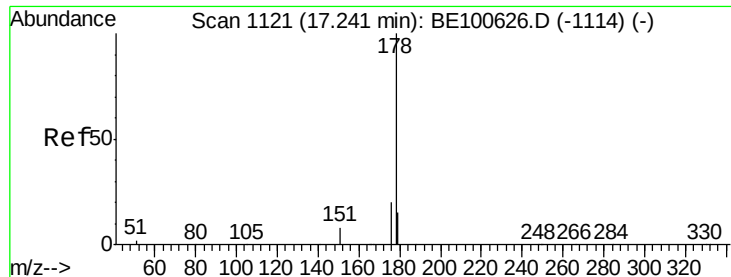


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.407 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

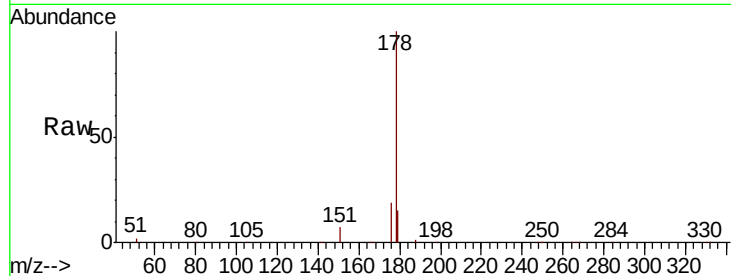
Tot Ion:178 Resp: 37927

Ion Ratio Lower Upper

178 100

176 18.8 15.6 23.4

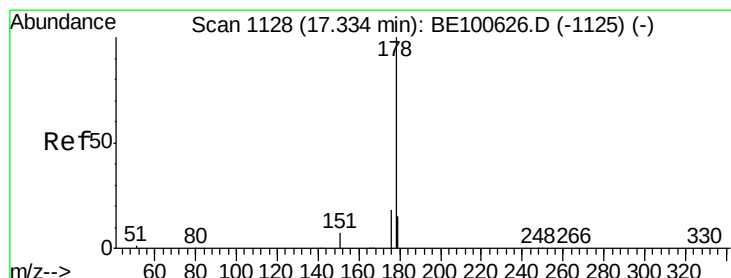
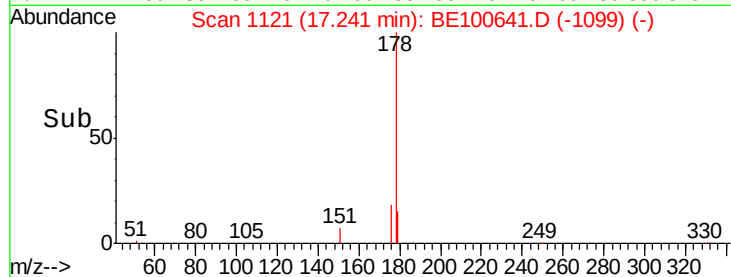
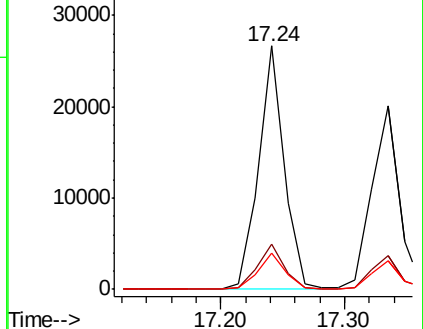
179 15.3 12.4 18.6



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: 0.354 ng

RT: 17.33 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

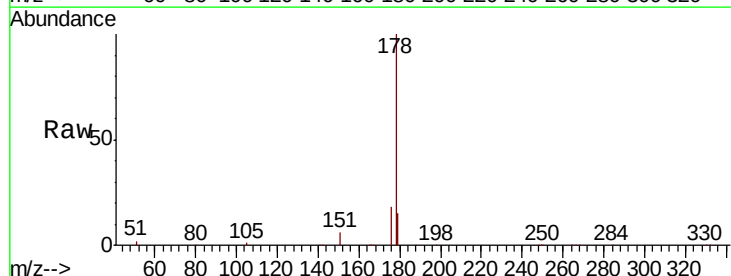
Tgt Ion:178 Resp: 30606

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

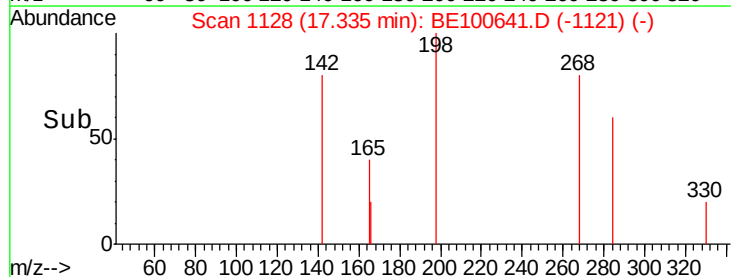
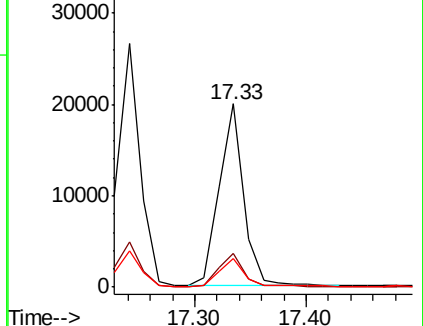
179 15.5 12.4 18.6

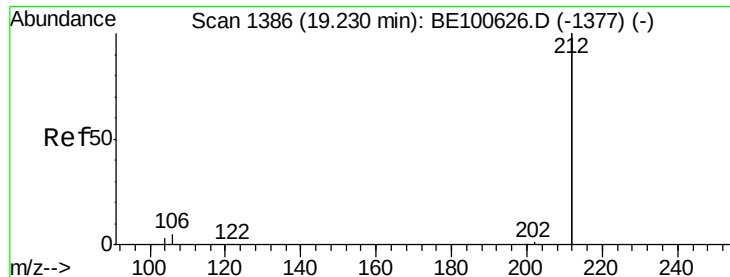


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 19.22 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

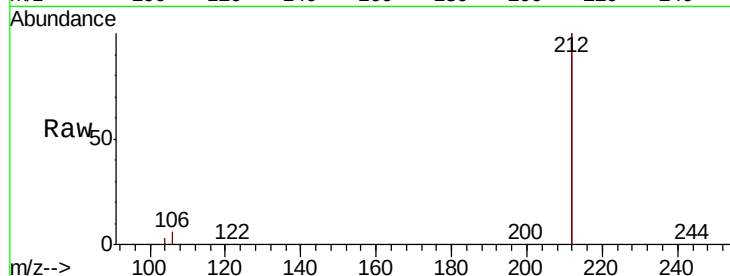
Tot Ion:212 Resp: 173600

Ion Ratio Lower Upper

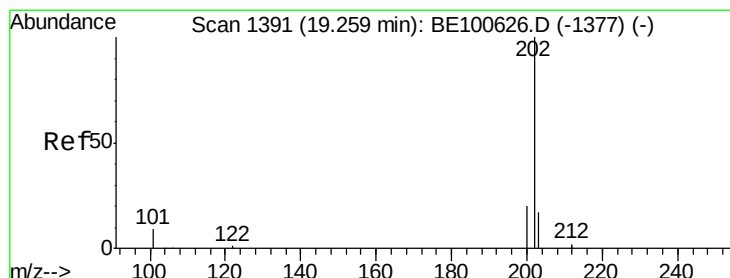
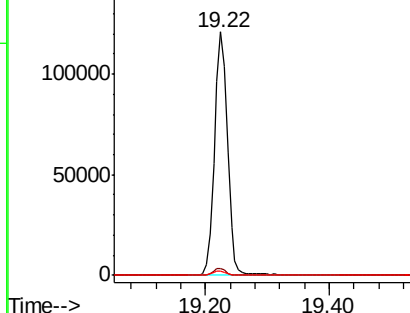
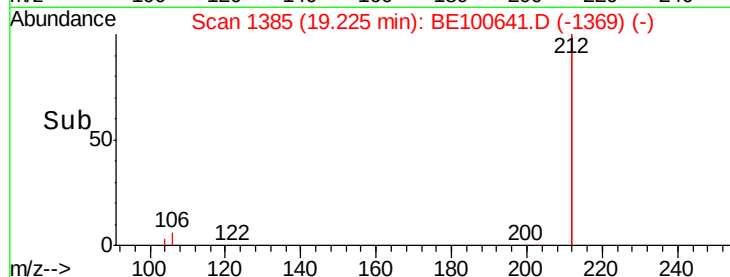
212 100

106 2.8 2.2 3.4

104 1.6 1.3 1.9



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: 0.421 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

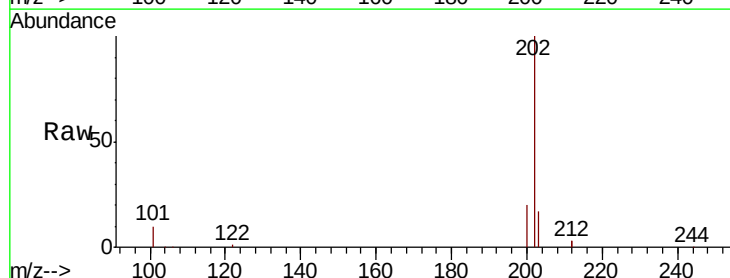
Tgt Ion:202 Resp: 51111

Ion Ratio Lower Upper

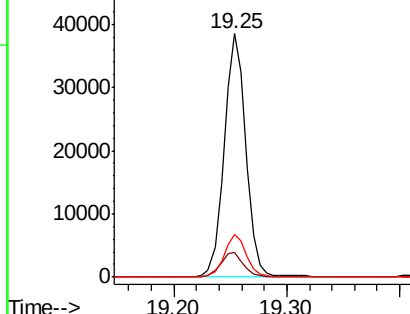
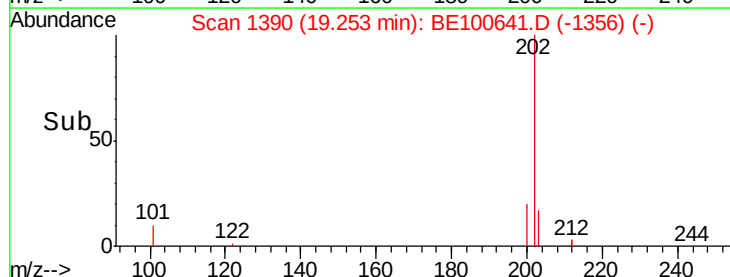
202 100

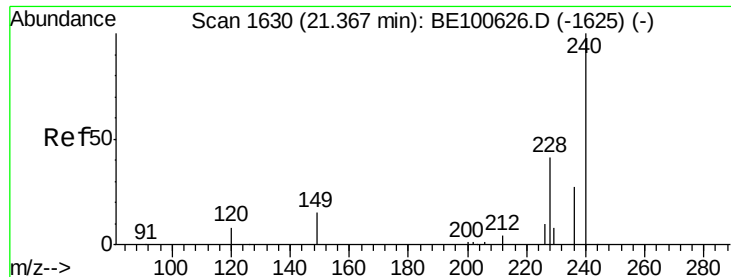
101 10.4 8.4 12.6

203 17.2 13.8 20.6



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

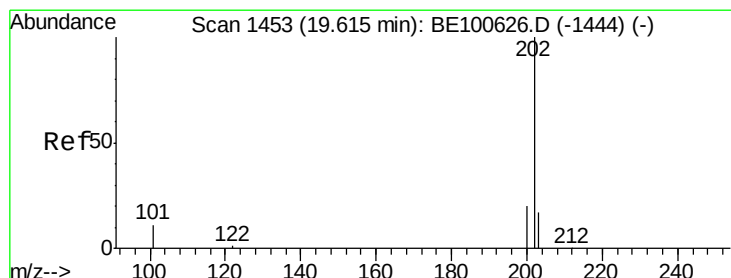
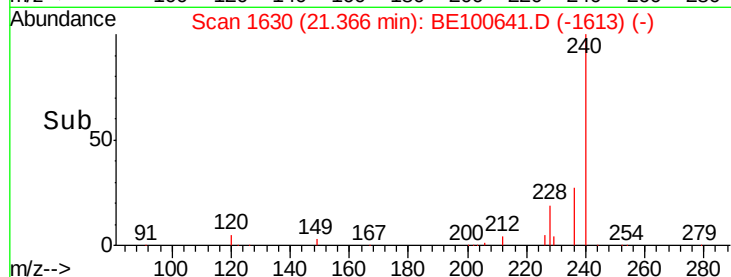
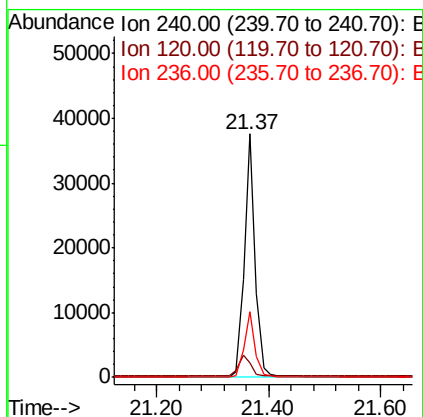
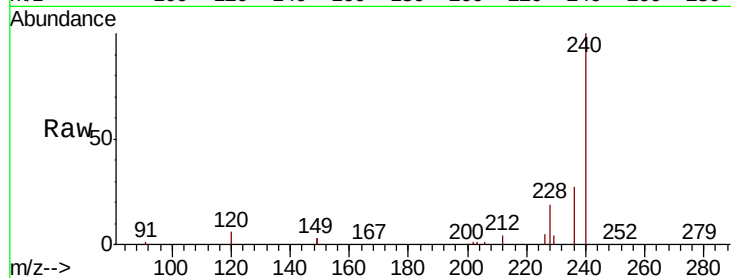




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100641.D
Acq: 15 Oct 2019 9:06

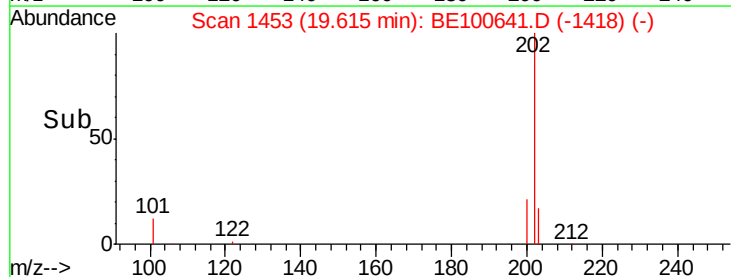
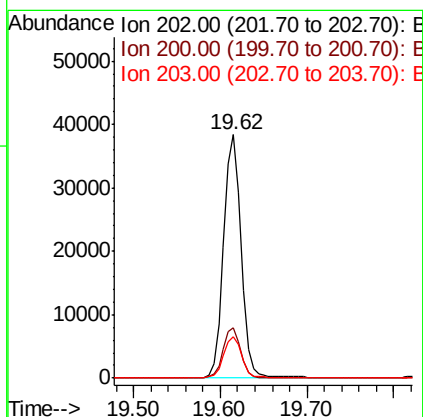
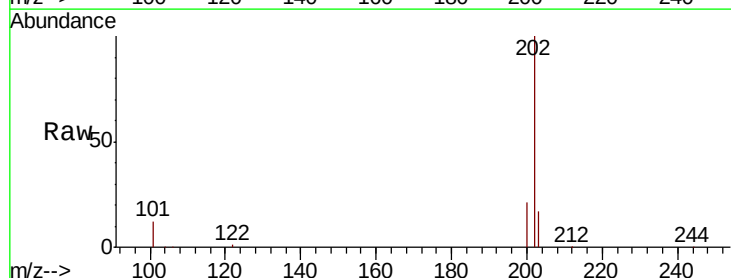
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

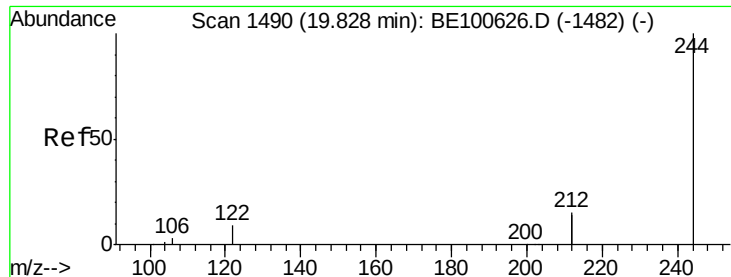
Tot Ion:240 Resp: 50100
Ion Ratio Lower Upper
240 100
120 5.9 7.4 11.0#
236 26.8 21.7 32.5



#28
Pyrene
Concen: 0.383 ng
RT: 19.62 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BE100641.D
Acq: 15 Oct 2019 9:06

Tgt Ion:202 Resp: 53565
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.5 13.9 20.9





#29

Terphenyl-d14

Concen: 0.434 ng

RT: 19.82 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

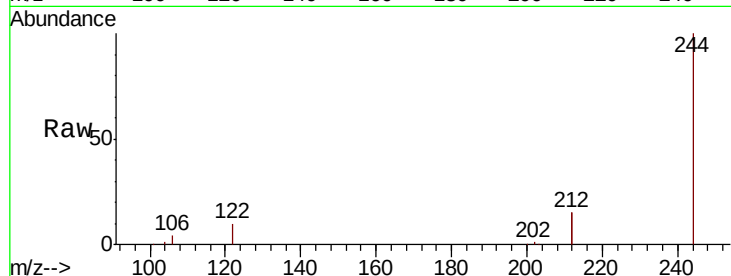
Tot Ion:244 Resp: 47526

Ion Ratio Lower Upper

244 100

212 30.0 23.9 35.9

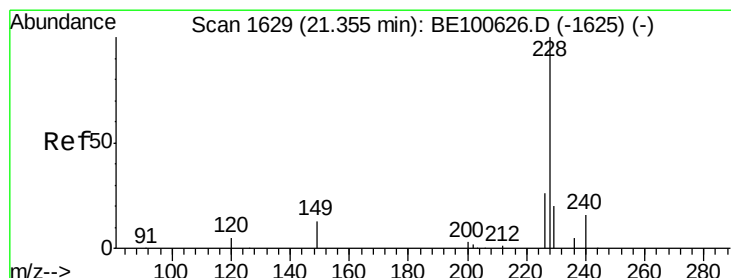
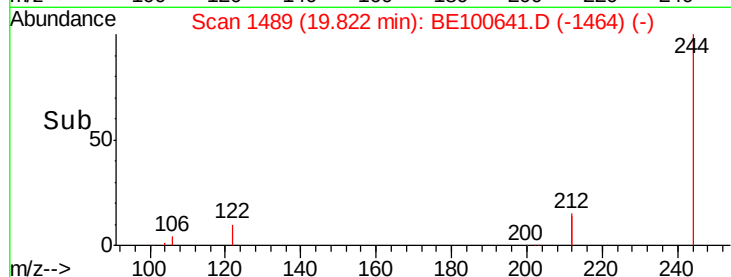
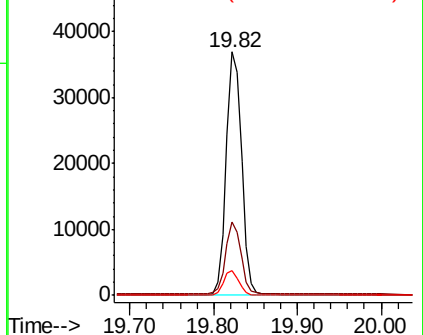
122 10.0 7.7 11.5



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: 0.360 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

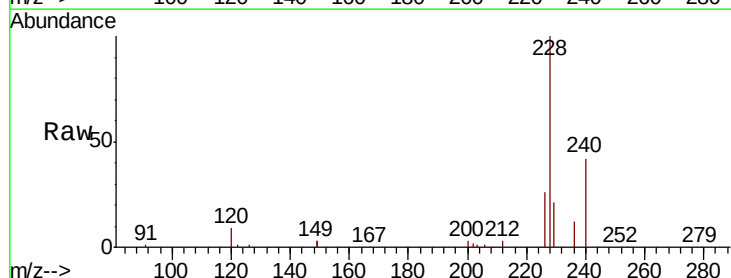
Tgt Ion:228 Resp: 58830

Ion Ratio Lower Upper

228 100

226 26.1 21.0 31.6

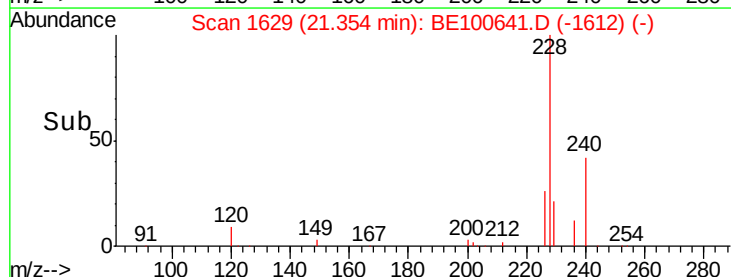
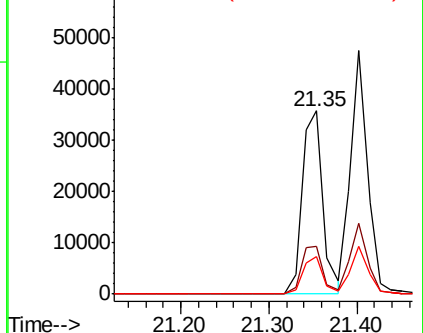
229 20.7 15.8 23.8

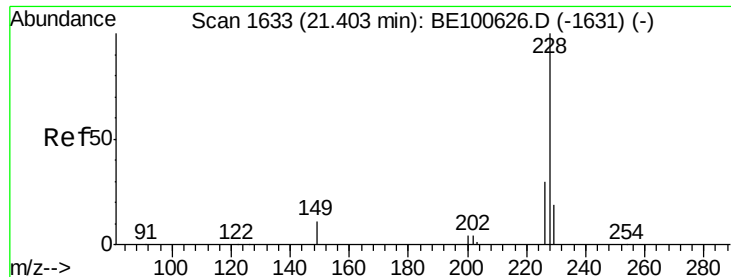


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.389 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

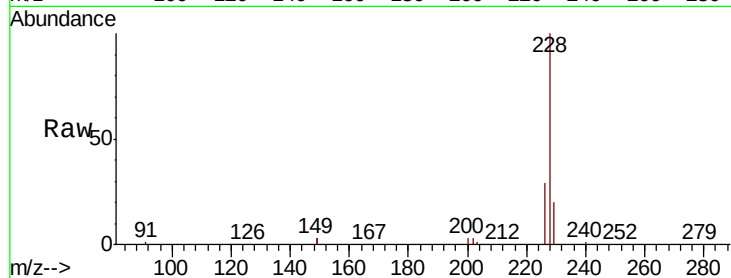
Tot Ion:228 Resp: 63513

Ion Ratio Lower Upper

228 100

226 29.3 24.5 36.7

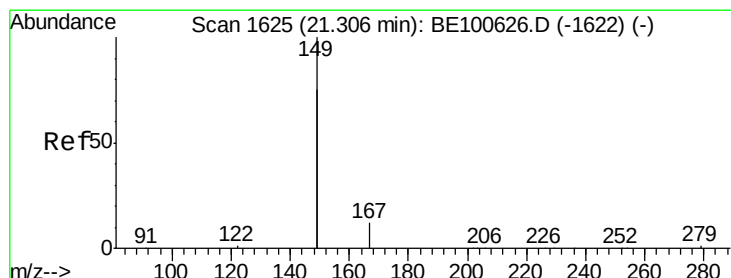
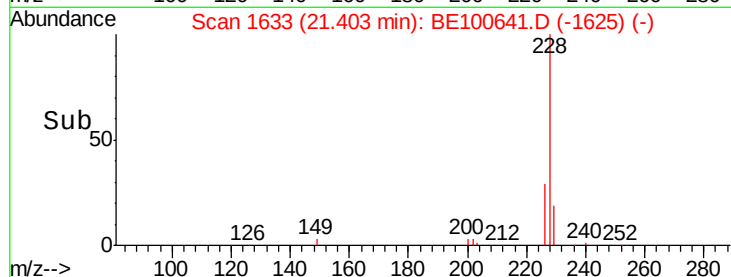
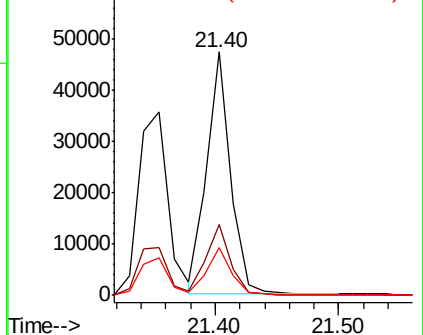
229 19.5 15.6 23.4



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: 0.201 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

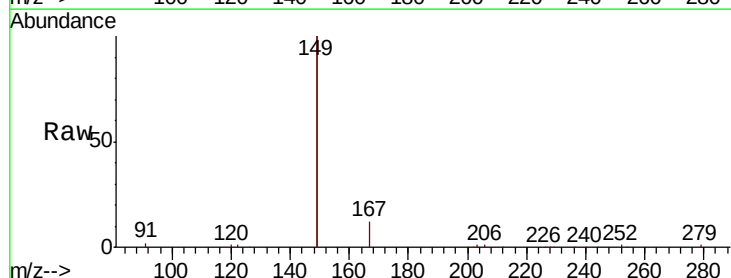
Tgt Ion:149 Resp: 68771

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.2

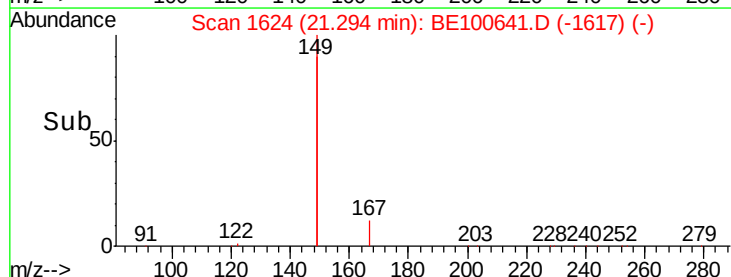
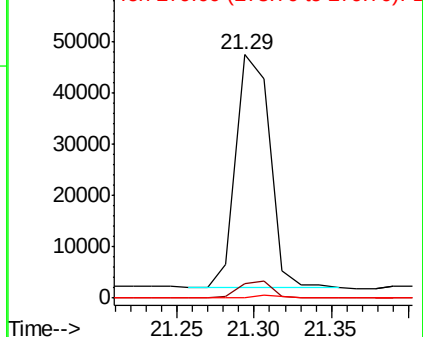
279 1.1 1.5 2.3#

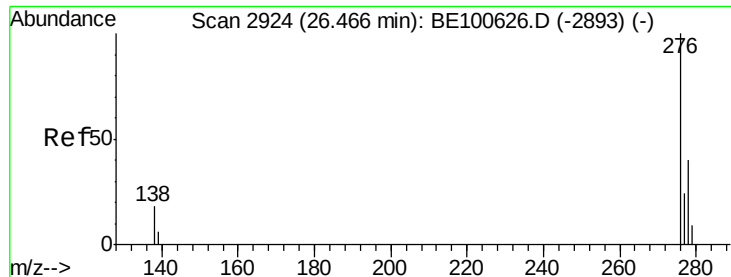


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

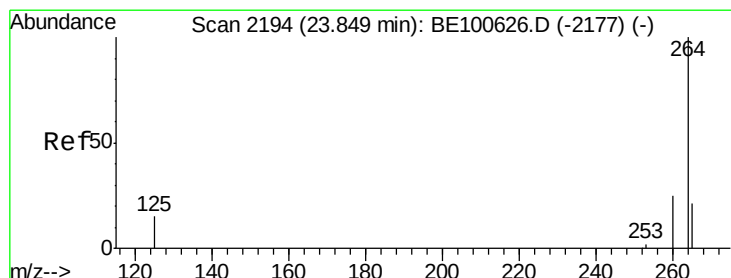
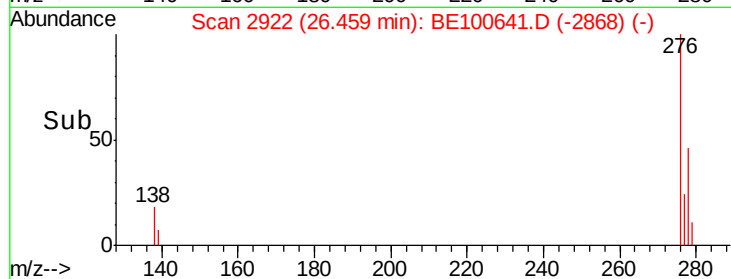
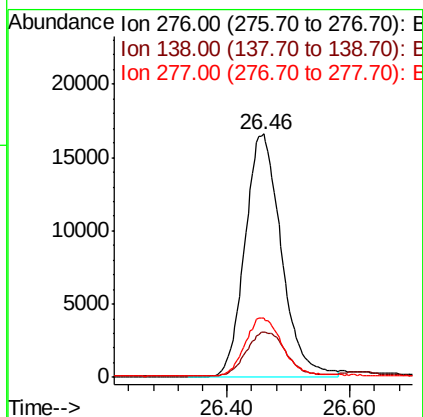
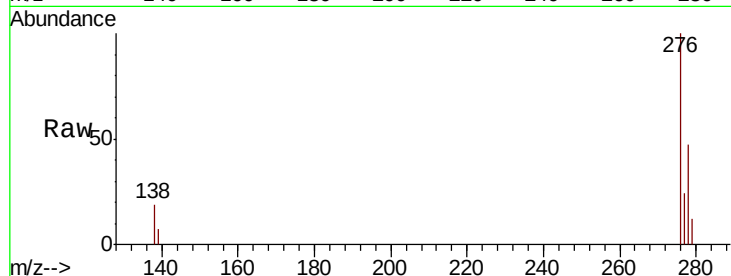




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.337 ng
 RT: 26.46 min Scan# 2922
 Delta R.T. -0.01 min
 Lab File: BE100641.D
 Acq: 15 Oct 2019 9:06

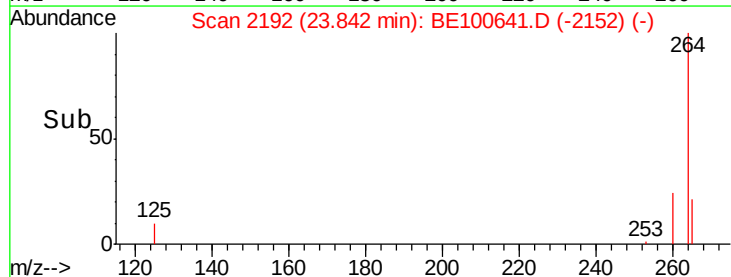
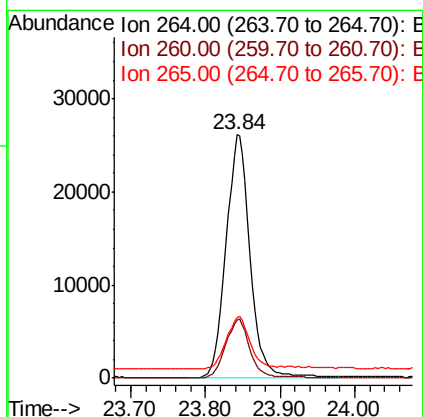
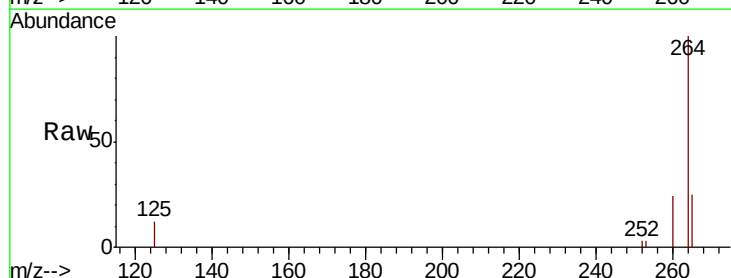
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

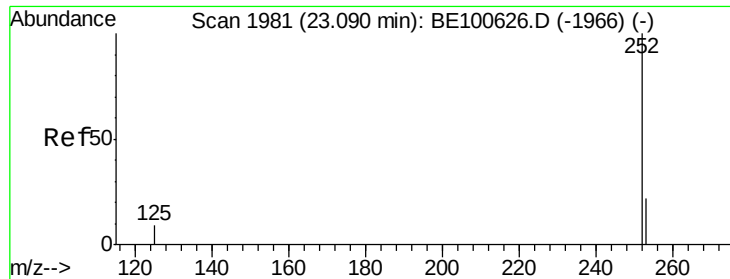
Tot Ion:276 Resp: 67711
 Ion Ratio Lower Upper
 276 100
 138 19.6 16.0 24.0
 277 24.6 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.84 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BE100641.D
 Acq: 15 Oct 2019 9:06

Tgt Ion:264 Resp: 57857
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.9 29.9
 265 25.1 20.0 30.0





#35

Benzo(b)fluoranthene

Concen: 0.360 ng

RT: 23.09 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

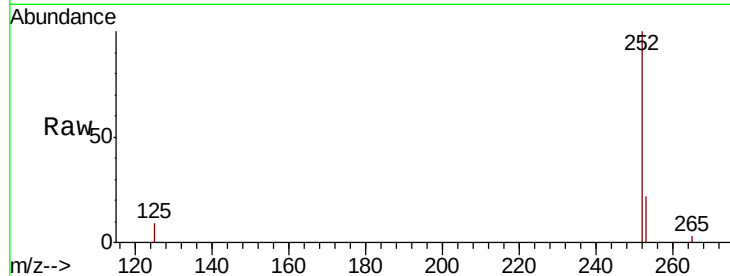
Tot Ion:252 Resp: 60802

Ion Ratio Lower Upper

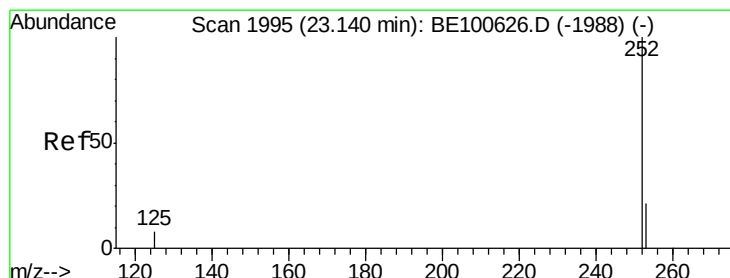
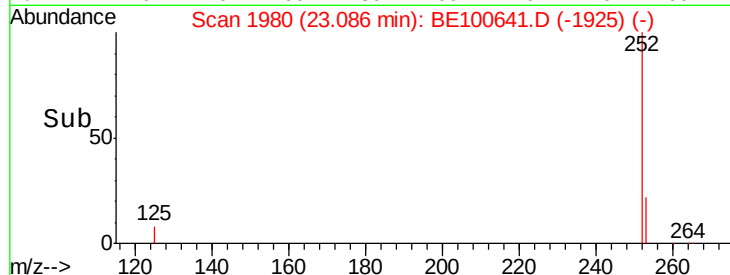
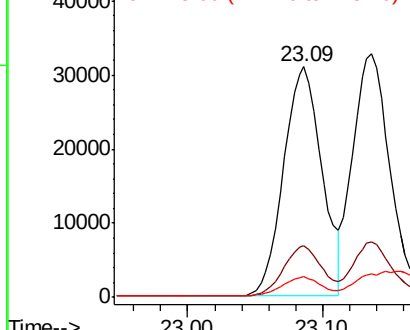
252 100

253 22.4 17.8 26.8

125 8.9 7.6 11.4



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



#36

Benzo(k)fluoranthene

Concen: 0.368 ng

RT: 23.14 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

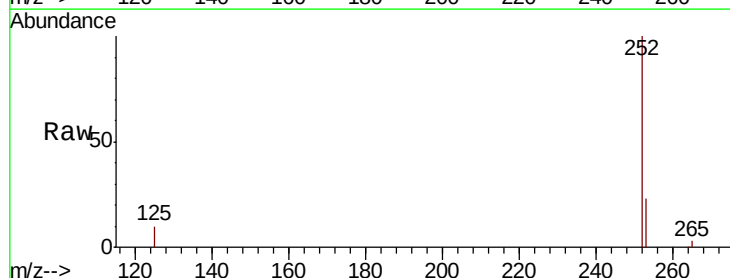
Tgt Ion:252 Resp: 63805

Ion Ratio Lower Upper

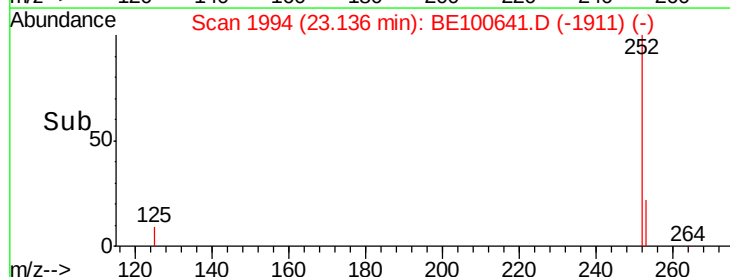
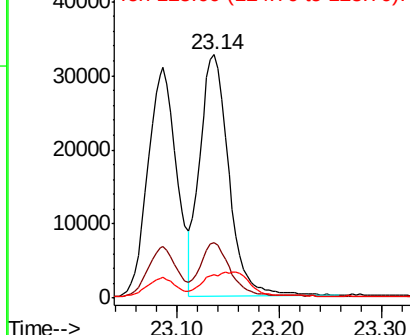
252 100

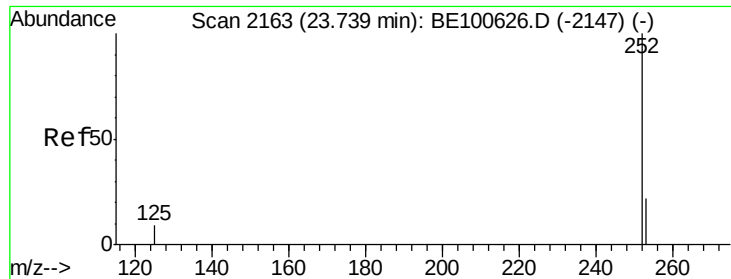
253 22.7 17.8 26.6

125 9.8 7.6 11.4



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





#37

Benzo(a)pyrene

Concen: 0.335 ng

RT: 23.73 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

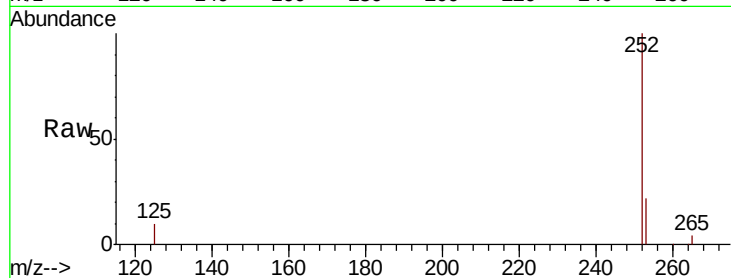
Tot Ion:252 Resp: 52663

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

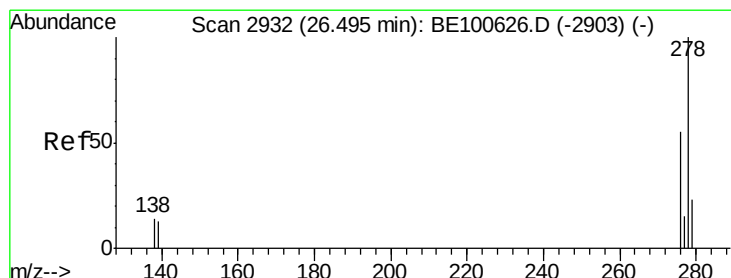
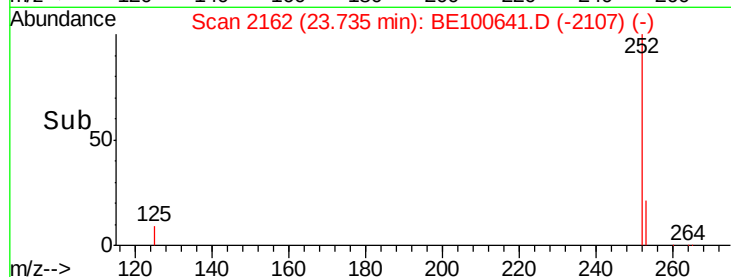
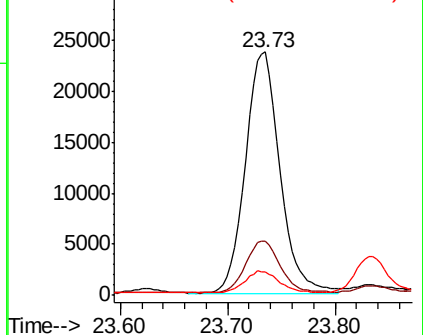
125 9.8 8.1 12.1



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: 0.348 ng

RT: 26.48 min Scan# 2929

Delta R.T. -0.01 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

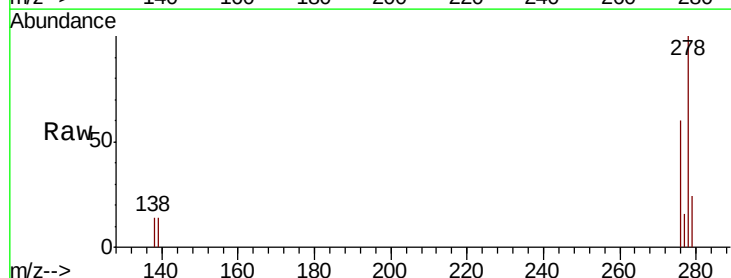
Tgt Ion:278 Resp: 56553

Ion Ratio Lower Upper

278 100

139 13.5 11.2 16.8

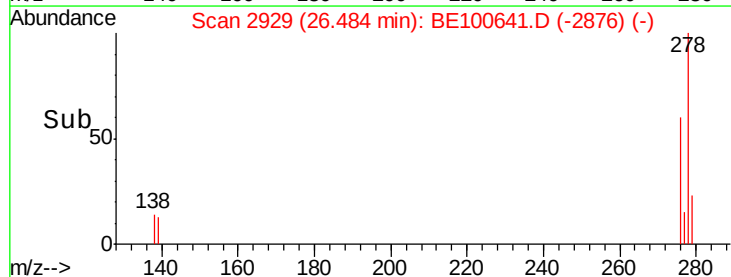
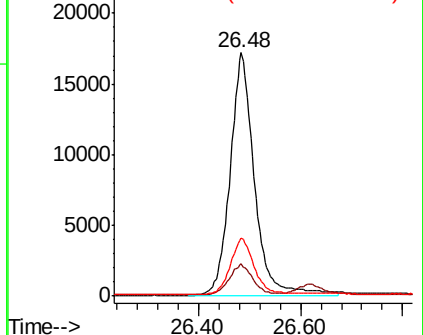
279 24.0 19.0 28.6

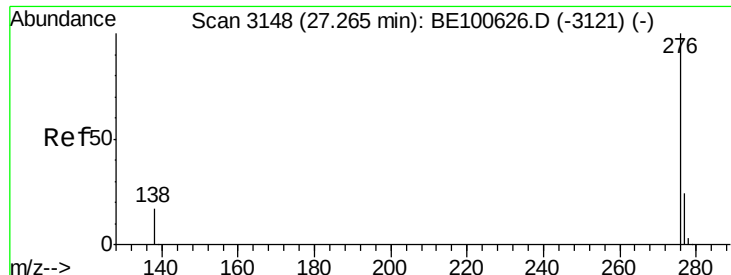


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.363 ng

RT: 27.25 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BE100641.D

Acq: 15 Oct 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

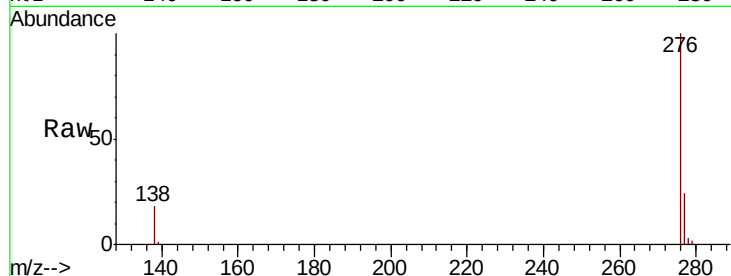
Tot Ion: 276 Resp: 59305

Ion Ratio Lower Upper

276 100

277 24.5 19.3 28.9

138 18.4 14.5 21.7



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

