

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100319\
 Data File : BE100596.D
 Acq On : 3 Oct 2019 14:33
 Operator : JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Oct 03 15:38:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 03 15:15:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3526	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	15576	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	9051	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	20416	0.40	ng	0.00
27) Chrysene-d12	21.35	240	26961	0.40	ng	0.00
34) Perylene-d12	23.81	264	32721	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	3561	0.37	ng	0.00
5) Phenol-d6	6.99	99	4393	0.35	ng	0.00
8) Nitrobenzene-d5	8.98	82	3504	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	9185	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	739	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	12994	0.40	ng	0.00
25) Fluoranthene-d10	19.21	212	92620	0.36	ng	0.00
29) Terphenyl-d14	19.81	244	22810	0.39	ng	0.00

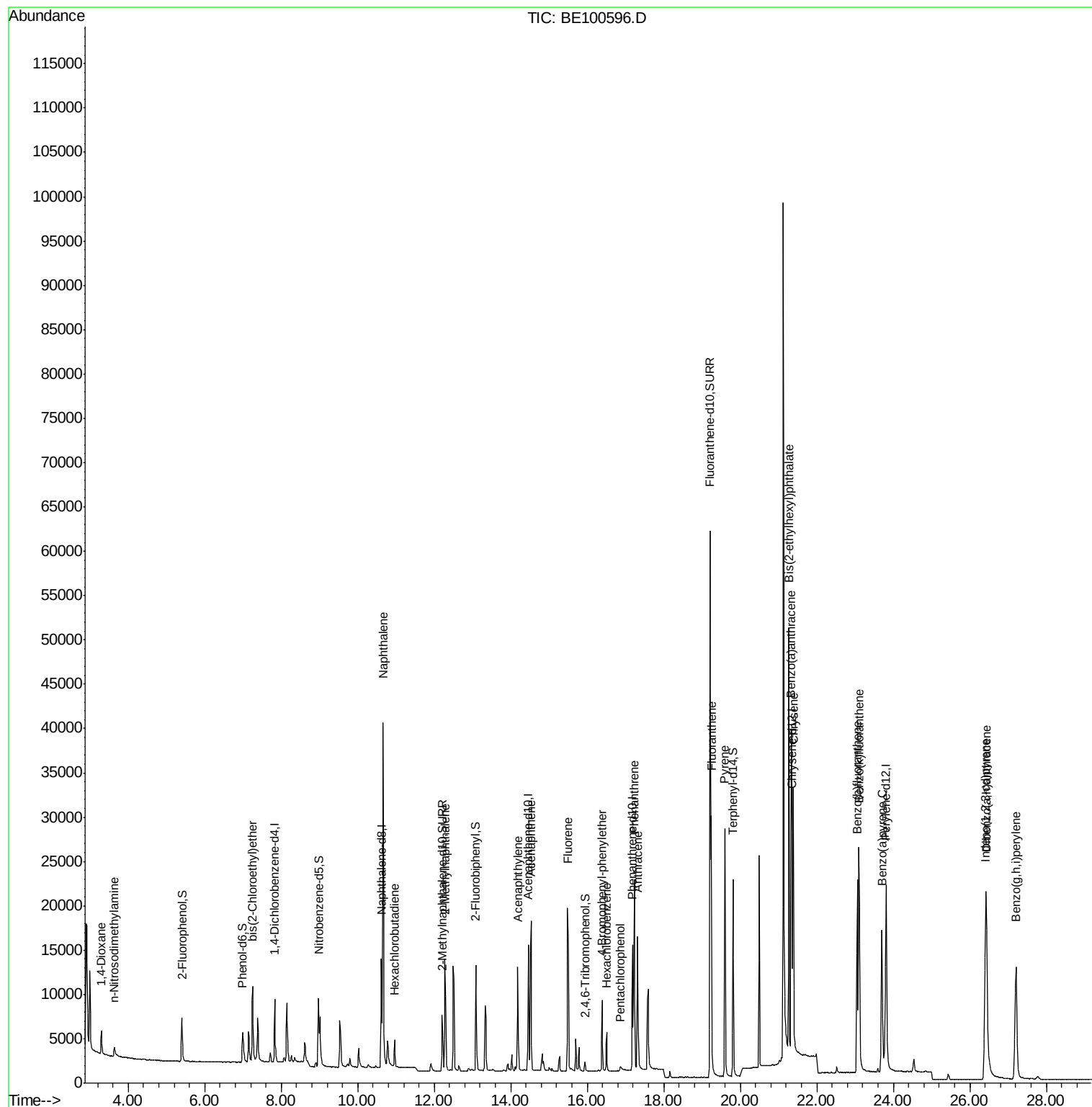
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.30	88	2296	0.422	ng	96
3) n-Nitrosodimethylamine	3.63	42	927	0.335	ng	99
6) bis(2-Chloroethyl)ether	7.25	93	4161	0.363	ng	100
9) Naphthalene	10.67	128	63973	0.398	ng	100
10) Hexachlorobutadiene	10.97	225	2090	0.410	ng	100
12) 2-Methylnaphthalene	12.28	142	10251	0.389	ng	100
16) Acenaphthylene	14.18	152	14400	0.373	ng	100
17) Acenaphthene	14.53	154	9821	0.381	ng	99
18) Fluorene	15.49	166	12321	0.379	ng	100
20) 4-Bromophenyl-phenylether	16.38	248	3758	0.376	ng	100
21) Hexachlorobenzene	16.50	284	3318	0.404	ng	100
22) Pentachlorophenol	16.87	266	659	0.269	ng	100
23) Phenanthrene	17.23	178	23001	0.397	ng	100
24) Anthracene	17.32	178	18084	0.362	ng	100
26) Fluoranthene	19.24	202	27035	0.376	ng	100
28) Pyrene	19.60	202	27886	0.417	ng	100
30) Benzo(a)anthracene	21.33	228	28750	0.366	ng	100
31) Chrysene	21.39	228	32086	0.395	ng	100
32) Bis(2-ethylhexyl)phthalate	21.27	149	49505	0.234	ng	100
33) Indeno(1,2,3-cd)pyrene	26.41	276	37925	0.404	ng	99
35) Benzo(b)fluoranthene	23.06	252	31842	0.361	ng	100
36) Benzo(k)fluoranthene	23.10	252	37748	0.375	ng	100
37) Benzo(a)pyrene	23.70	252	29772	0.363	ng	100
38) Dibenzo(a,h)anthracene	26.43	278	31495	0.374	ng	100
39) Benzo(g,h,i)perylene	27.20	276	32843	0.386	ng	100

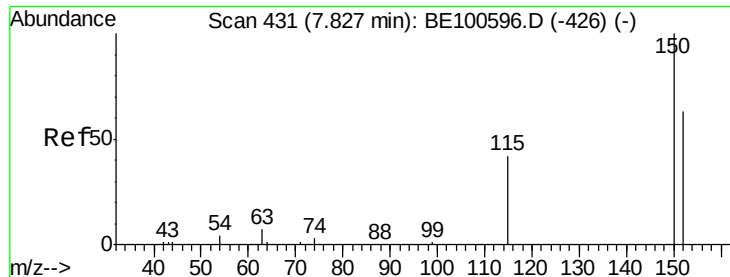
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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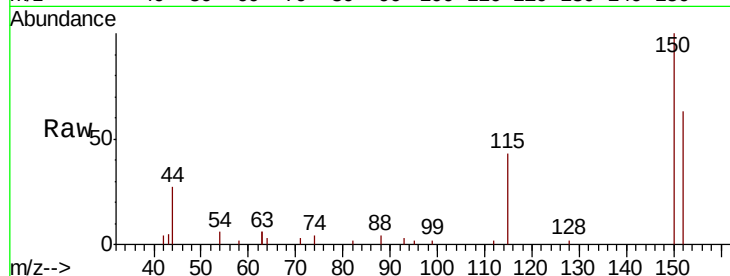


#1

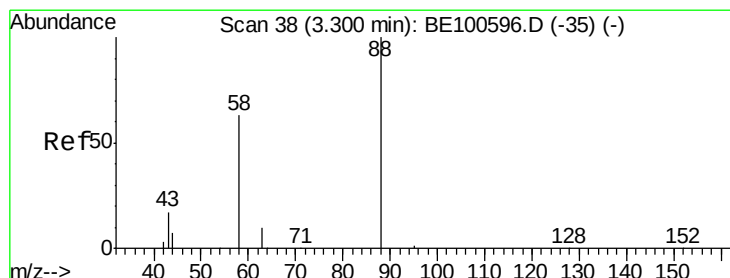
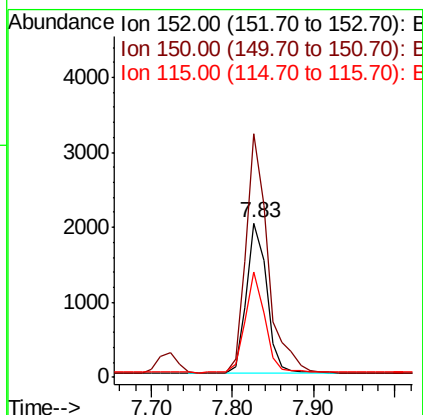
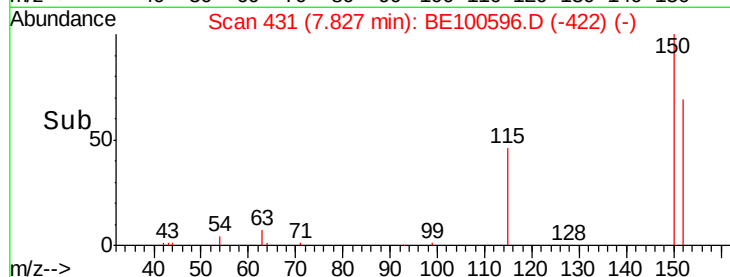
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.00 min
Lab File: BE100596.D
Acq: 3 Oct 2019 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 3526
Ion Ratio Lower Upper
152 100
150 158.1 126.5 189.7
115 68.2 54.6 81.8



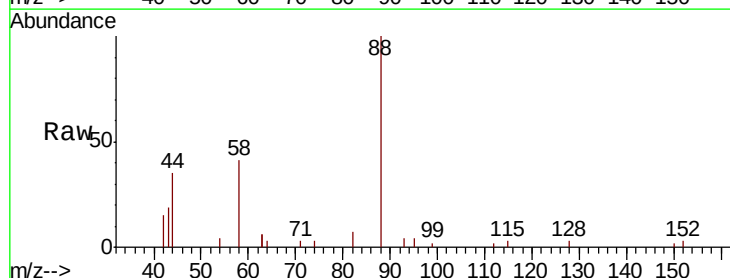
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



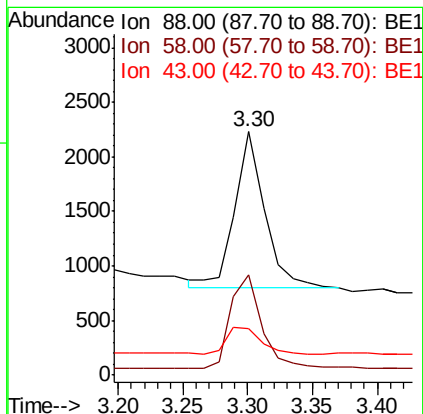
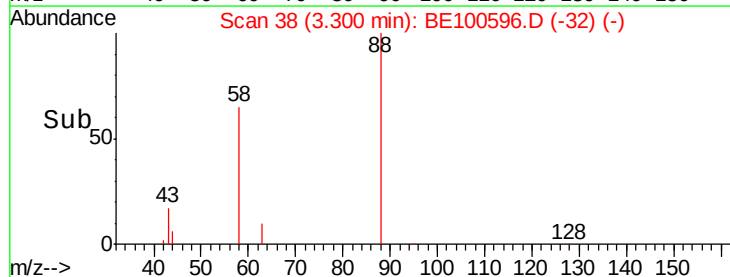
#2

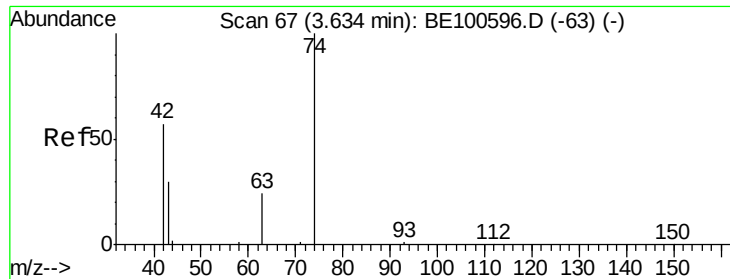
1,4-Dioxane
Concen: 0.422 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE100596.D
Acq: 3 Oct 2019 14:33

Tgt Ion: 88 Resp: 2296
Ion Ratio Lower Upper
88 100
58 63.0 48.1 72.1
43 19.2 14.4 21.6



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: 0.335 ng

RT: 3.63 min Scan# 67

Delta R.T. 0.00 min

Lab File: BE100596.D

Acq: 3 Oct 2019 14:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

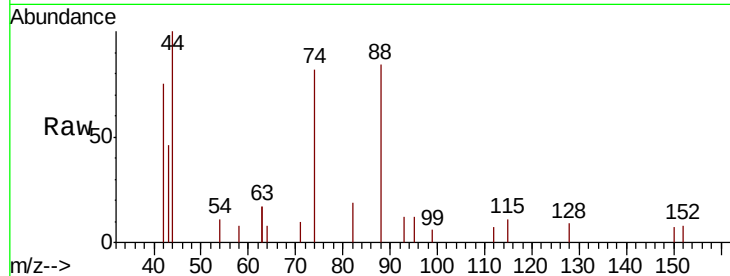
Tot Ion: 42 Resp: 927

Ion Ratio Lower Upper

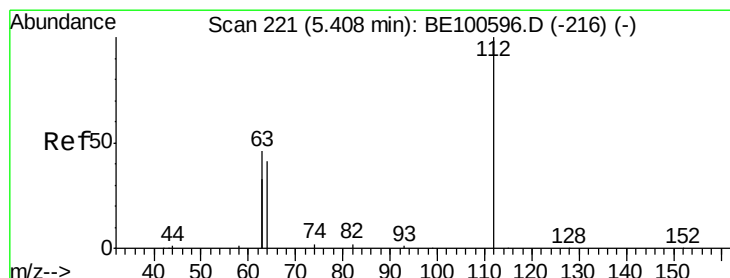
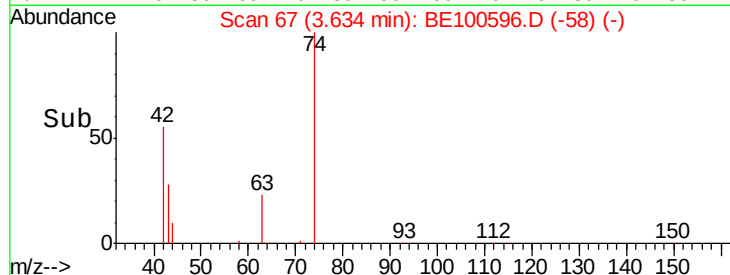
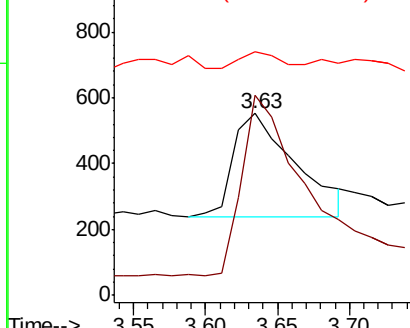
42 100

74 168.5 136.2 204.2

44 9.7 7.4 11.0



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: 0.370 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

Lab File: BE100596.D

Acq: 3 Oct 2019 14:33

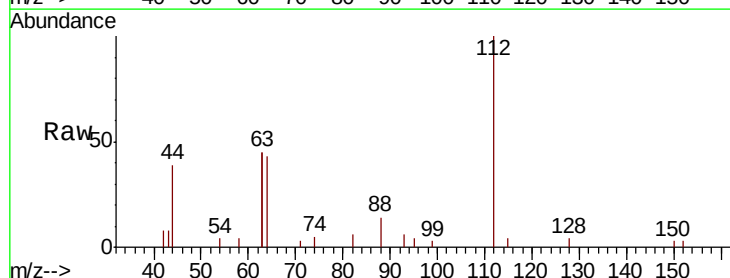
Tgt Ion: 112 Resp: 3561

Ion Ratio Lower Upper

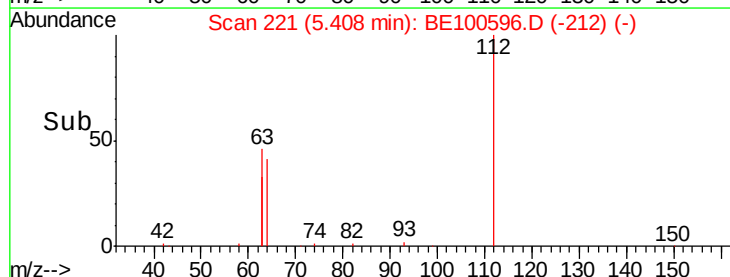
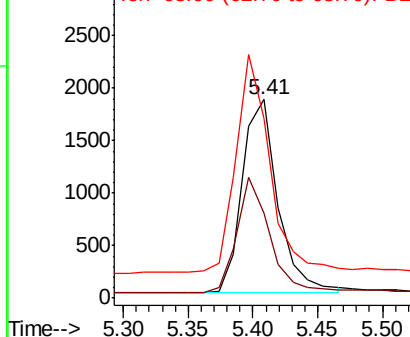
112 100

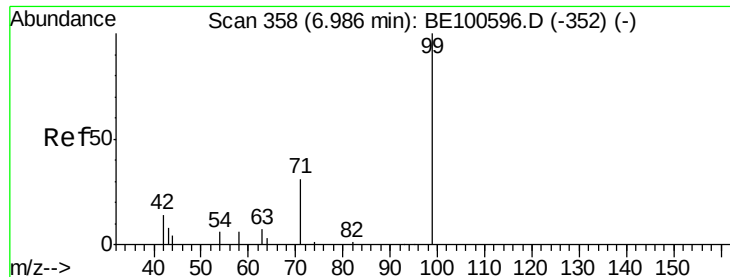
64 54.5 43.7 65.5

63 105.4 84.5 126.7



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: 0.354 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE100596.D

Acq: 3 Oct 2019 14:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

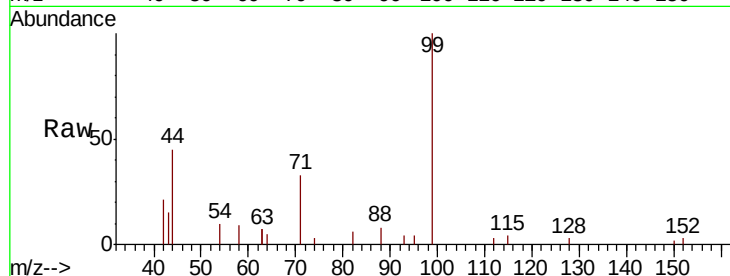
Tot Ion: 99 Resp: 4393

Ion Ratio Lower Upper

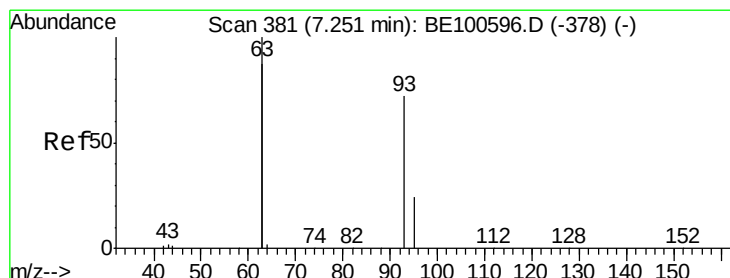
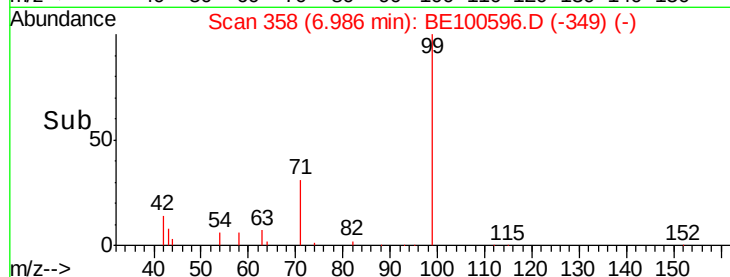
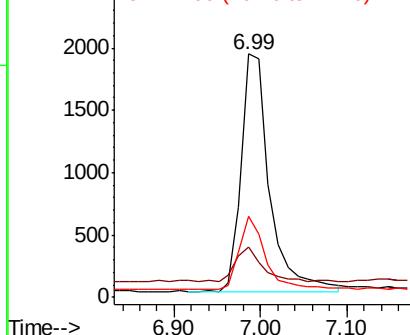
99 100

42 14.6 11.7 17.5

71 28.7 23.0 34.4



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: 0.363 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.00 min

Lab File: BE100596.D

Acq: 3 Oct 2019 14:33

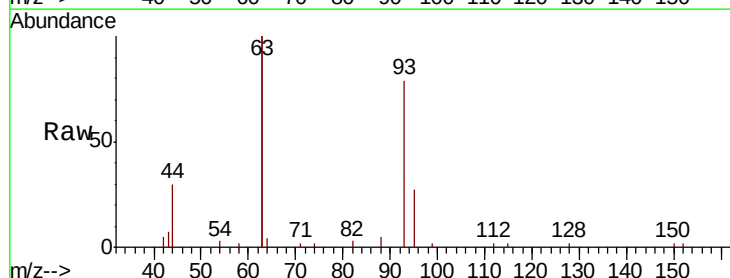
Tgt Ion: 93 Resp: 4161

Ion Ratio Lower Upper

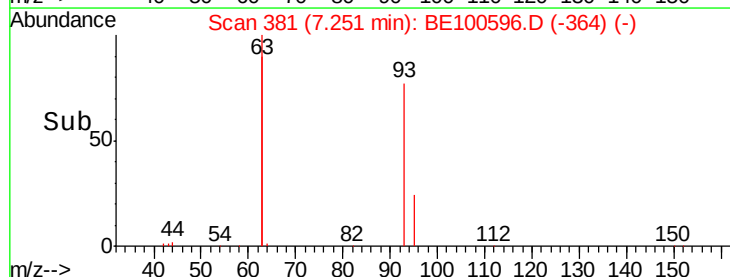
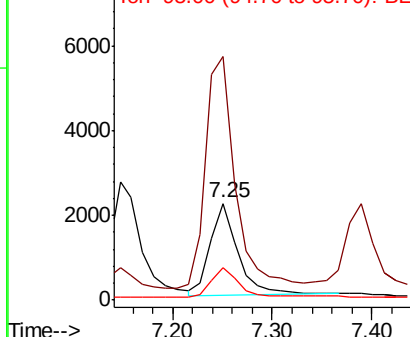
93 100

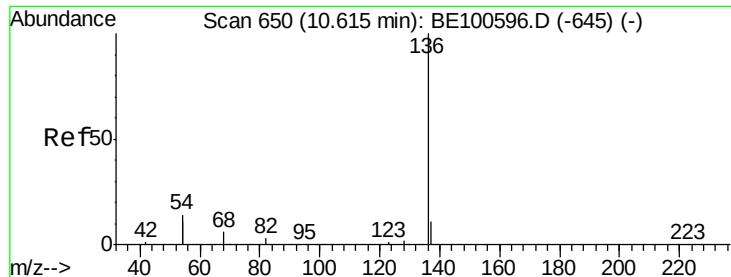
63 276.2 221.0 331.4

95 31.7 25.4 38.0



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: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE100596.D

Acq: 3 Oct 2019 14:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 15576

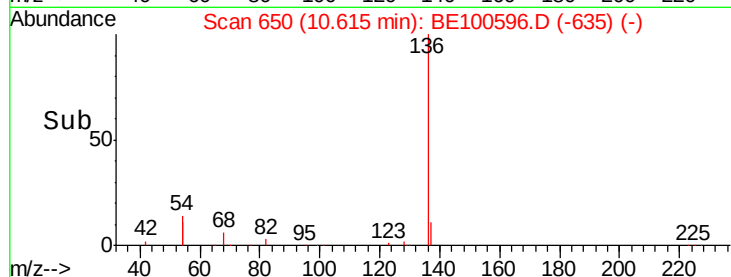
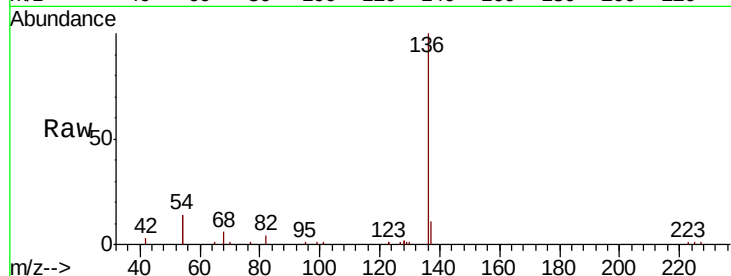
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 28.0 22.4 33.6

68 6.5 5.2 7.8

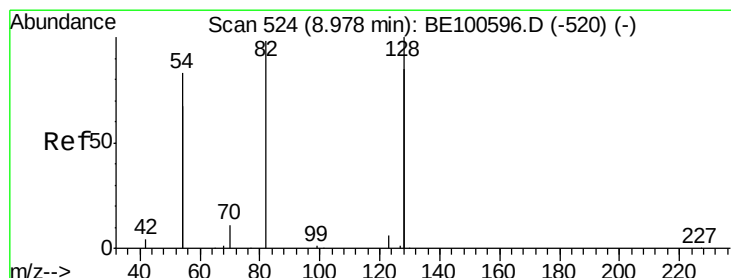
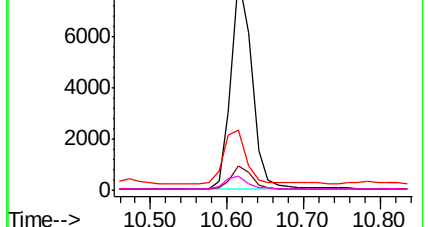


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.347 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE100596.D

Acq: 3 Oct 2019 14:33

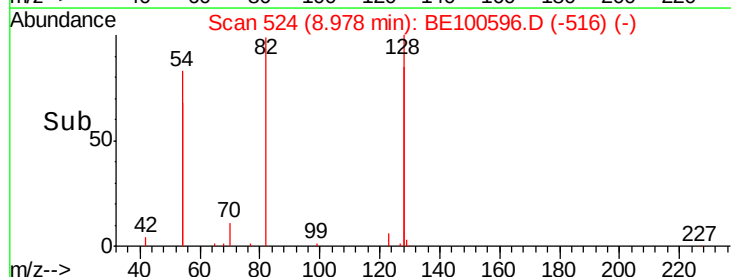
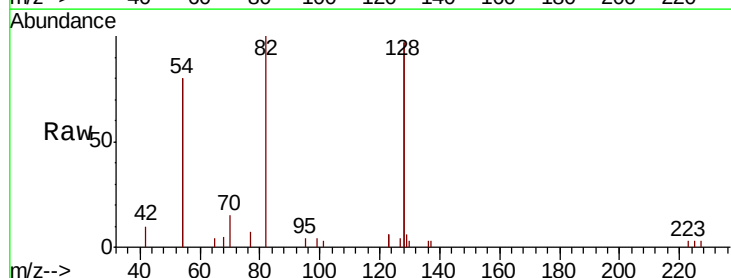
Tgt Ion: 82 Resp: 3504

Ion Ratio Lower Upper

82 100

128 193.4 154.7 232.1

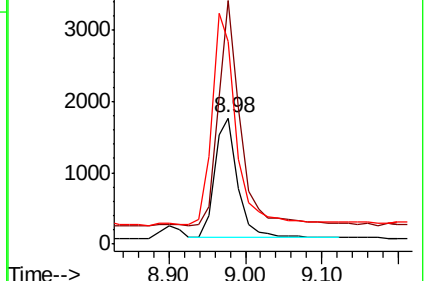
54 160.6 128.5 192.7

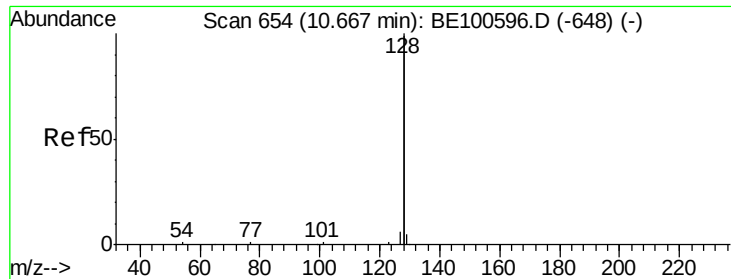


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.398 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE100596.D

Acq: 3 Oct 2019 14:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

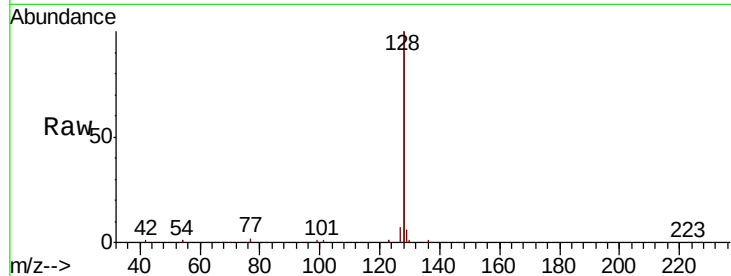
Tot Ion:128 Resp: 63973

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

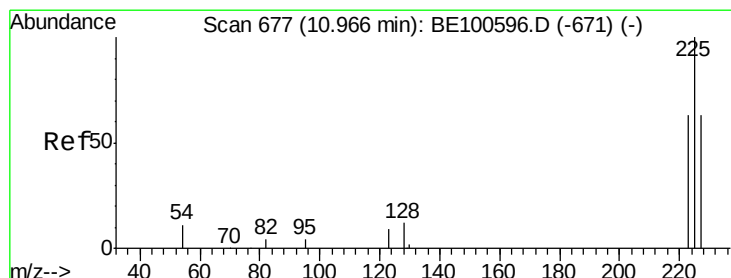
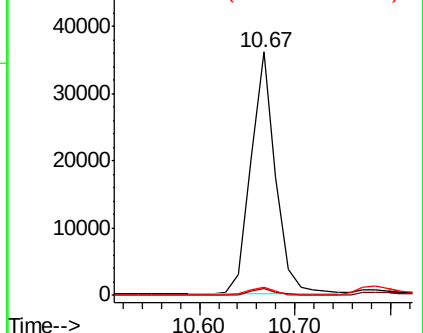
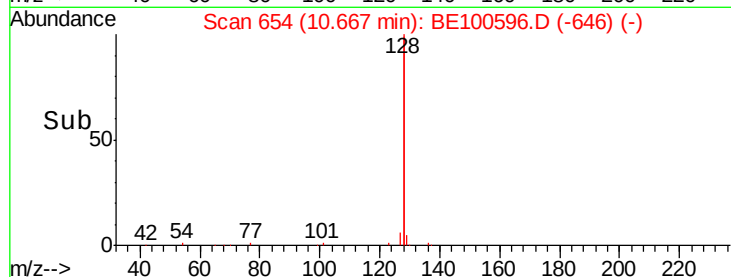
127 3.3 2.6 4.0



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: 0.410 ng

RT: 10.97 min Scan# 677

Delta R.T. 0.00 min

Lab File: BE100596.D

Acq: 3 Oct 2019 14:33

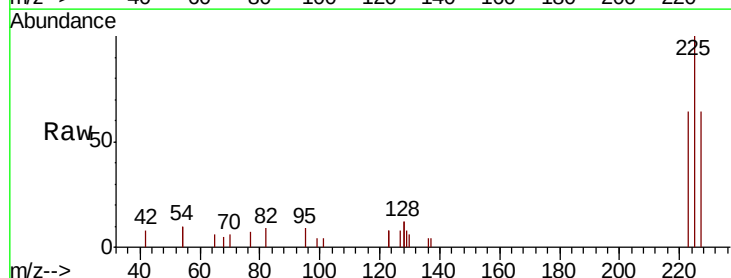
Tgt Ion:225 Resp: 2090

Ion Ratio Lower Upper

225 100

223 62.3 49.8 74.8

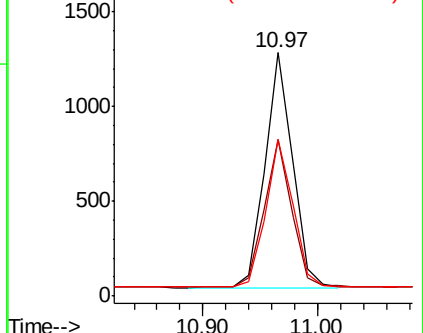
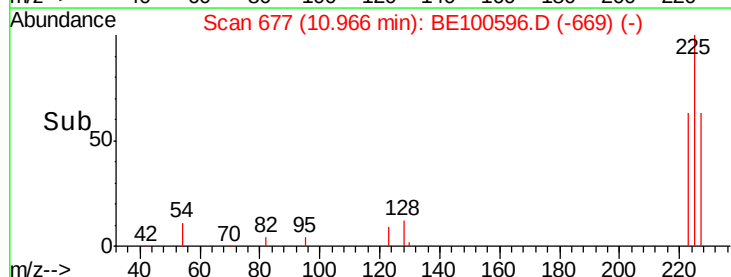
227 62.6 50.1 75.1

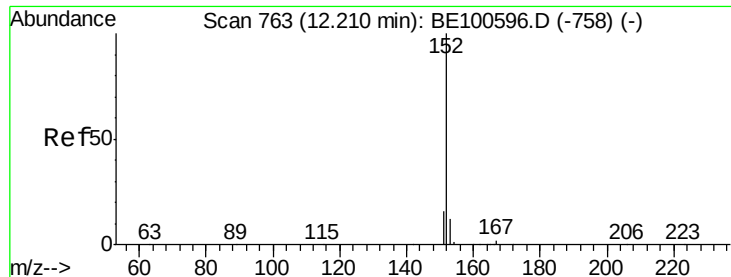


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

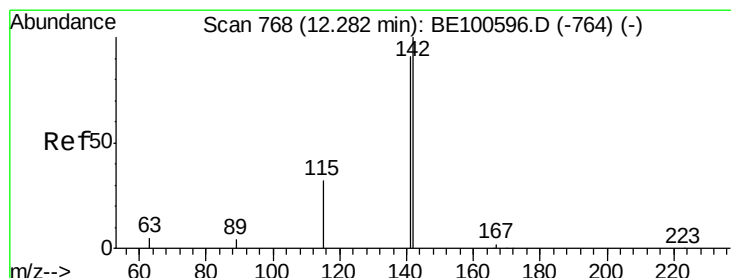
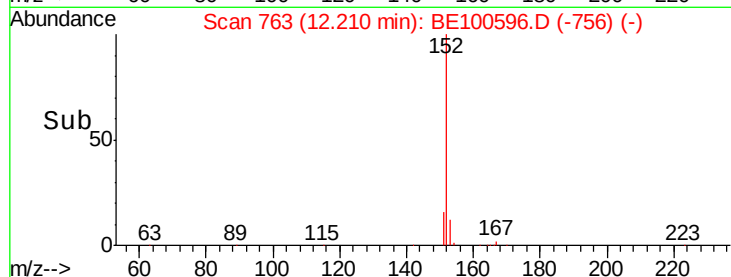
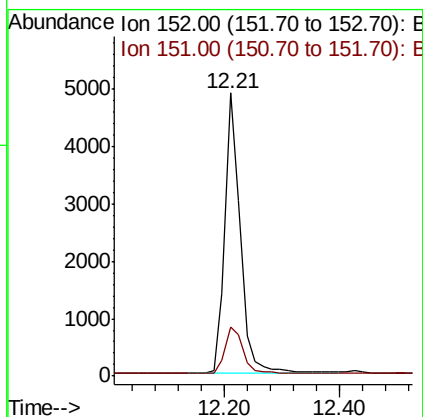
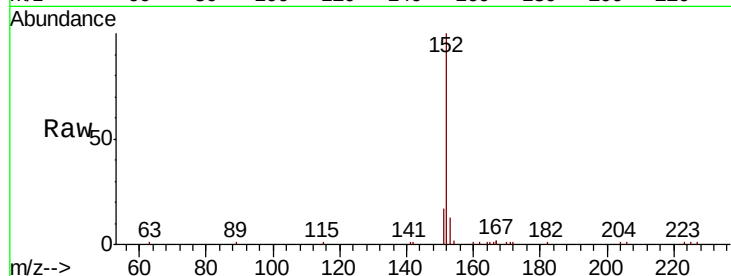




#11
 2-Methylnaphthalene-d10
 Concen: 0.399 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE100596.D
 Acq: 3 Oct 2019 14:33

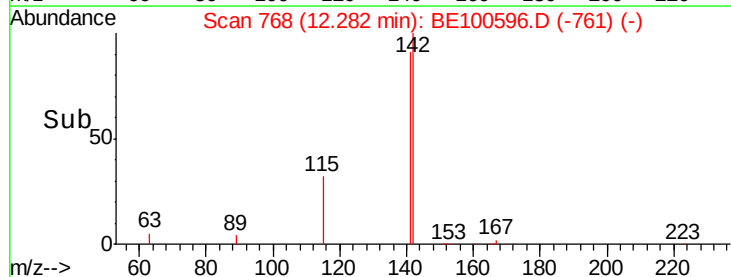
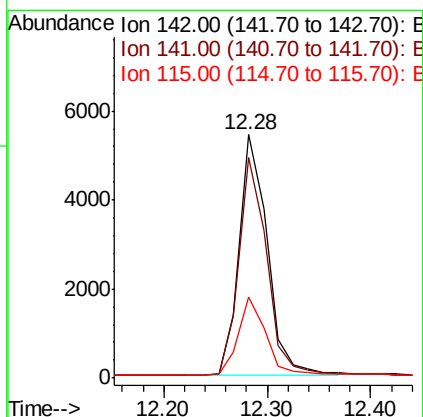
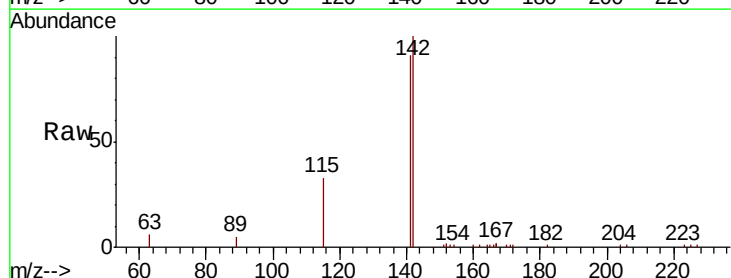
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

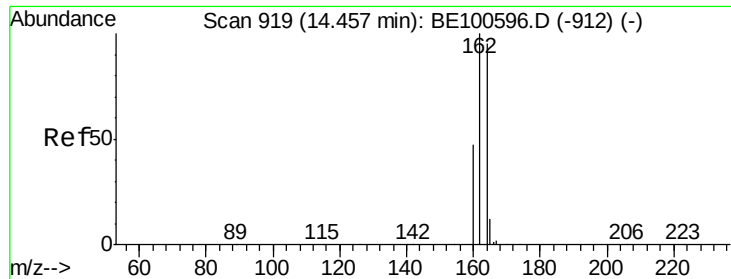
Tot Ion:152 Resp: 9185
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.389 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE100596.D
 Acq: 3 Oct 2019 14:33

Tgt Ion:142 Resp: 10251
 Ion Ratio Lower Upper
 142 100
 141 90.7 72.6 108.8
 115 33.3 26.6 40.0

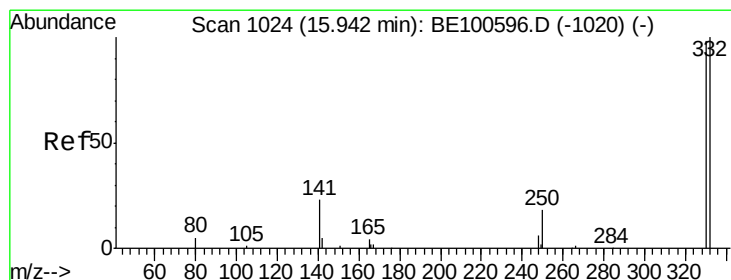
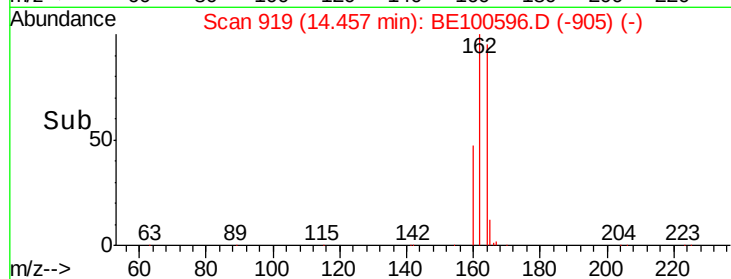
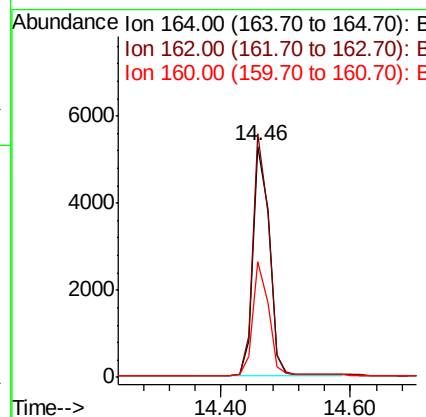
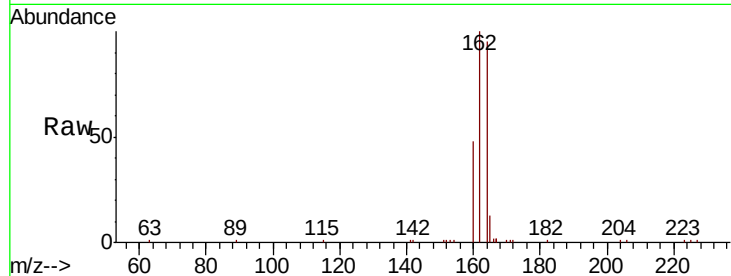




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE100596.D
 Acq: 3 Oct 2019 14:33

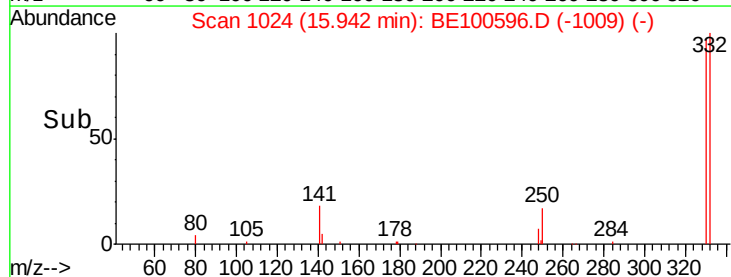
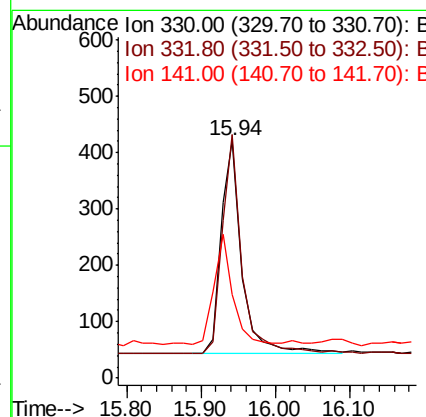
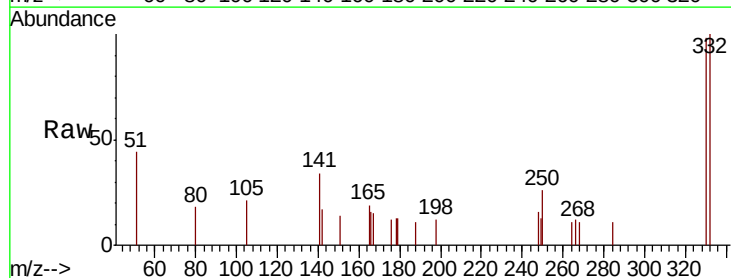
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

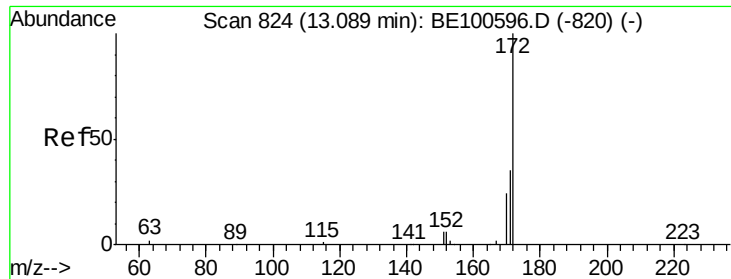
Tot Ion:164 Resp: 9051
 Ion Ratio Lower Upper
 164 100
 162 105.3 84.2 126.4
 160 50.3 40.2 60.4



#14
 2,4,6-Tribromophenol
 Concen: 0.374 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE100596.D
 Acq: 3 Oct 2019 14:33

Tgt Ion:330 Resp: 739
 Ion Ratio Lower Upper
 330 100
 332 98.0 78.5 117.7
 141 48.8 39.4 59.0

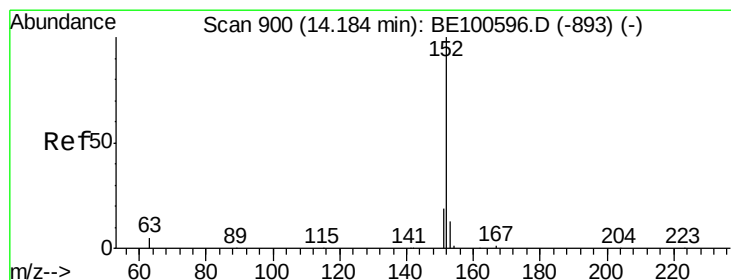
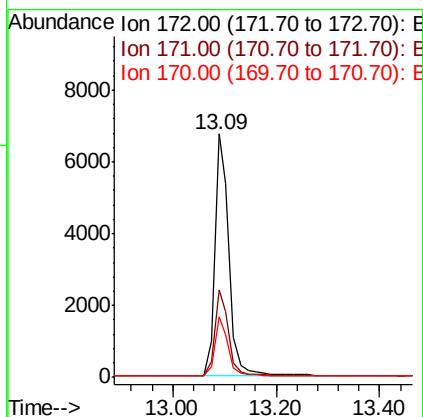
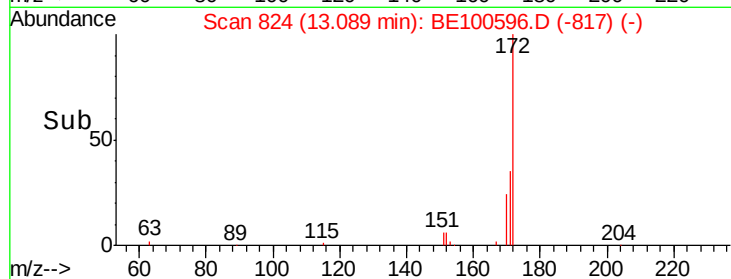
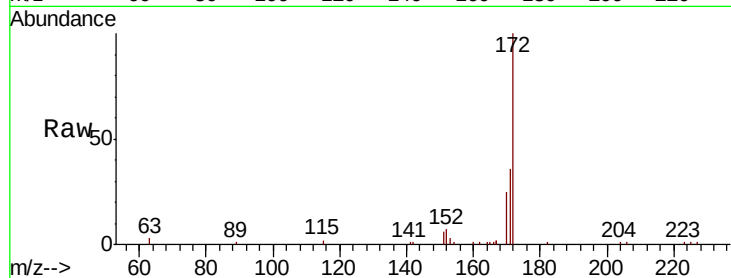




#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE100596.D
Acq: 3 Oct 2019 14:33

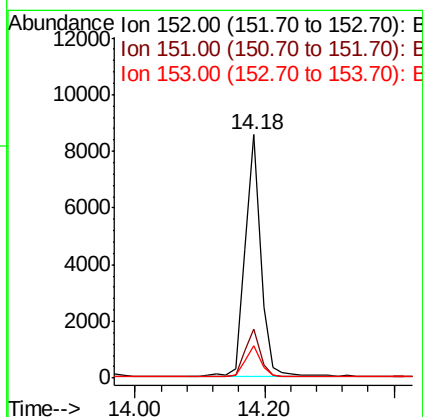
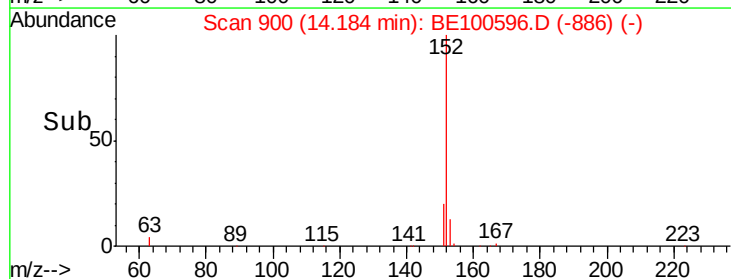
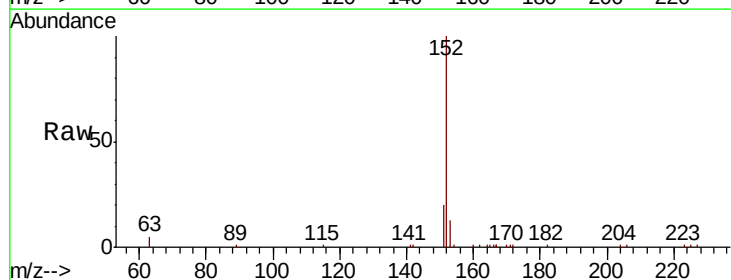
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

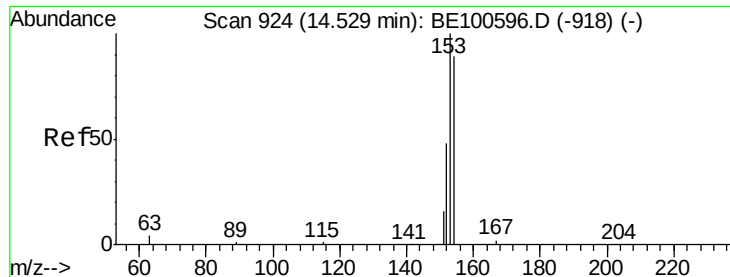
Tot Ion:172 Resp: 12994
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 24.8 19.8 29.8



#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE100596.D
Acq: 3 Oct 2019 14:33

Tgt Ion:152 Resp: 14400
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 13.0 10.4 15.6

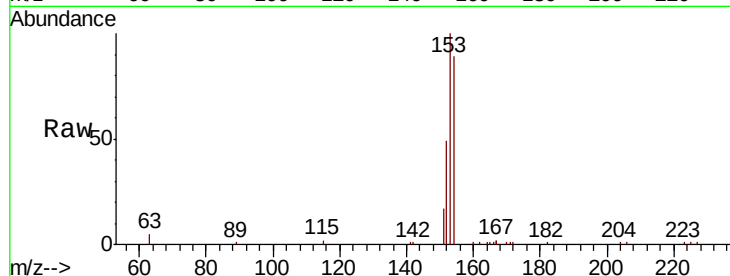




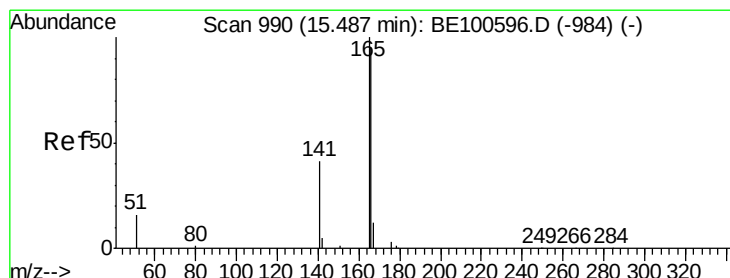
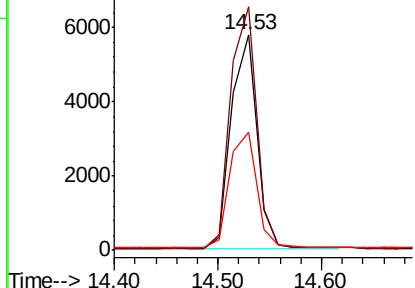
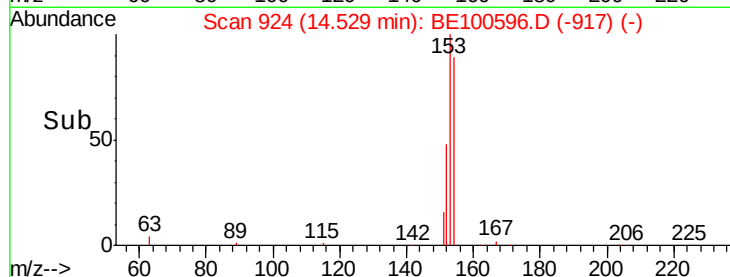
#17
Acenaphthene
Concen: 0.381 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE100596.D
Acq: 3 Oct 2019 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:154 Resp: 9821
Ion Ratio Lower Upper
154 100
153 116.6 92.3 138.5
152 58.3 46.2 69.2

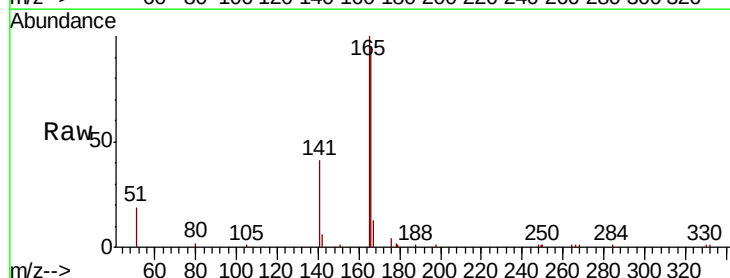


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

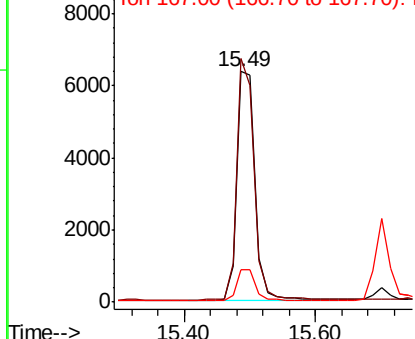
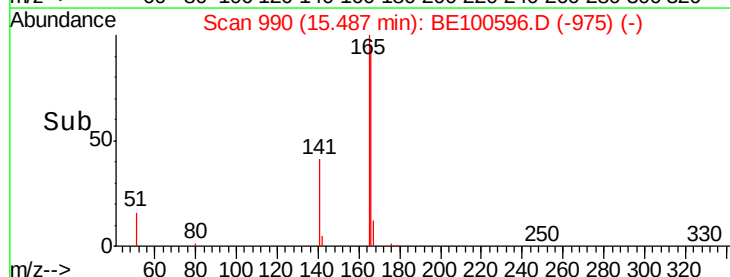


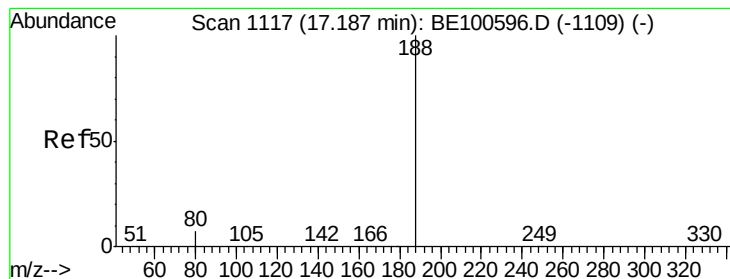
#18
Fluorene
Concen: 0.379 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE100596.D
Acq: 3 Oct 2019 14:33

Tgt Ion:166 Resp: 12321
Ion Ratio Lower Upper
166 100
165 100.5 80.4 120.6
167 13.2 10.6 15.8



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: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE100596.D

Acq: 3 Oct 2019 14:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

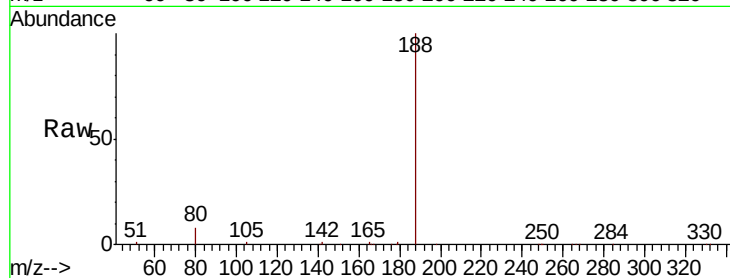
Tot Ion:188 Resp: 20416

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

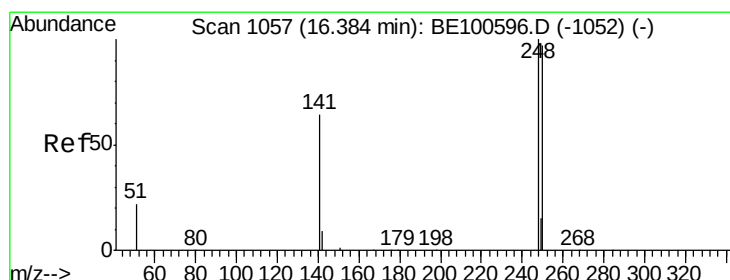
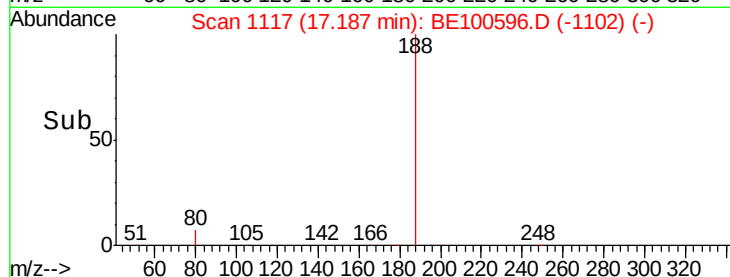
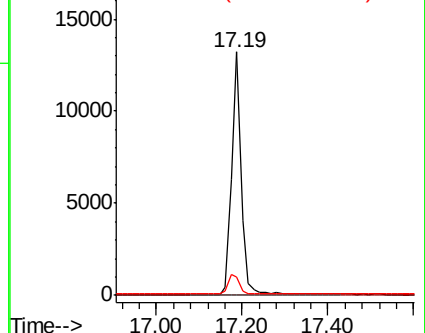
80 7.7 6.2 9.2



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: 0.376 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE100596.D

Acq: 3 Oct 2019 14:33

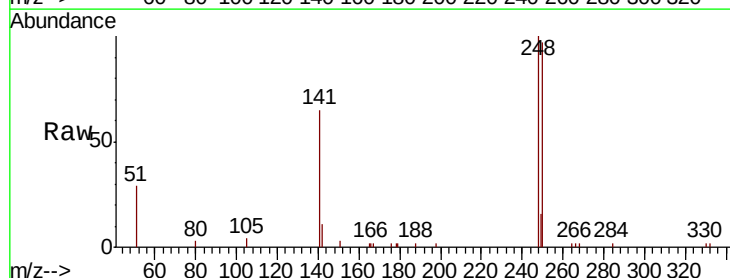
Tgt Ion:248 Resp: 3758

Ion Ratio Lower Upper

248 100

250 96.7 77.4 116.0

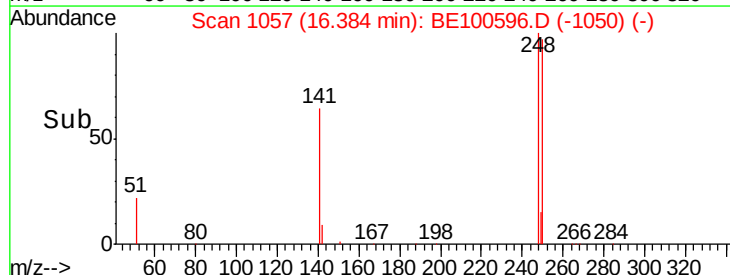
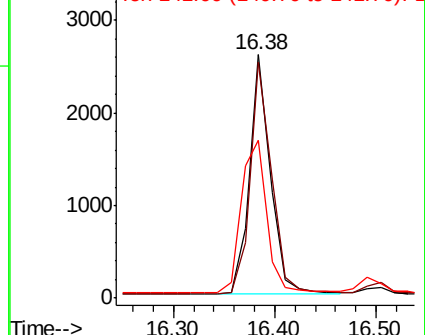
141 65.1 52.1 78.1

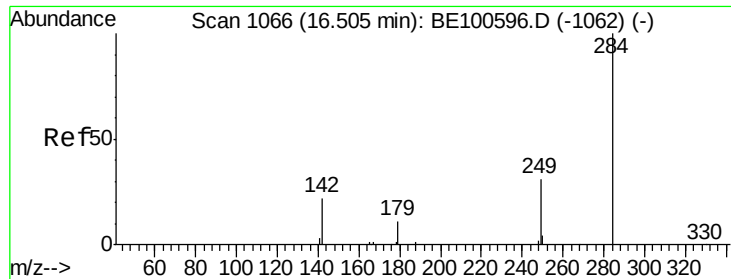


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

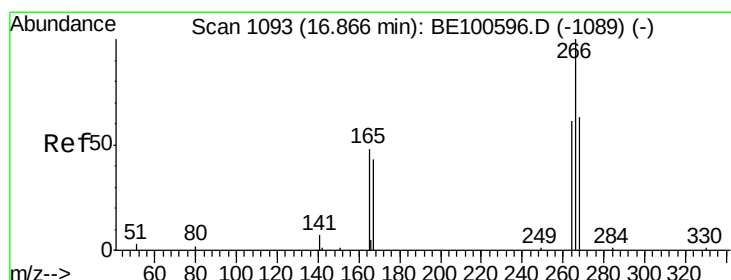
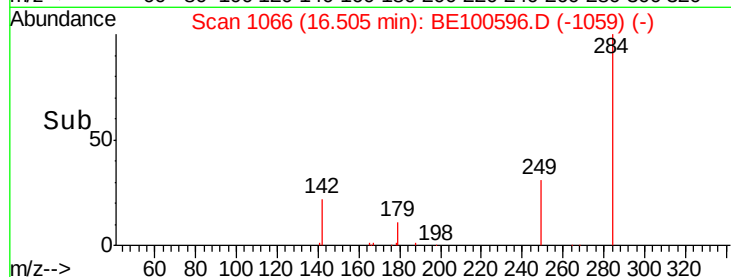
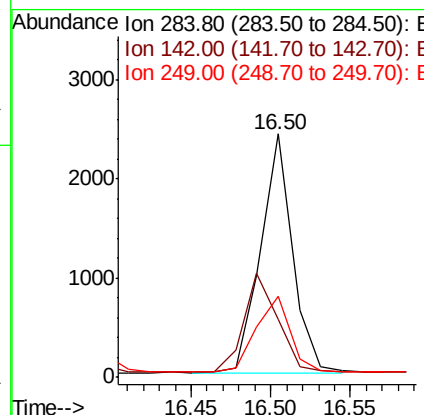
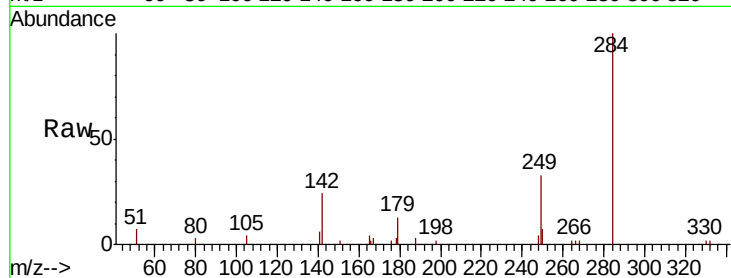




#21
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.50 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BE100596.D
Acq: 3 Oct 2019 14:33

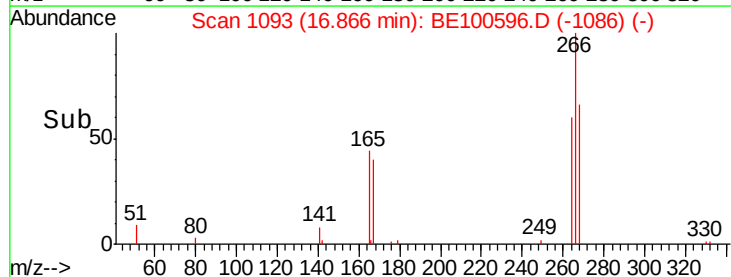
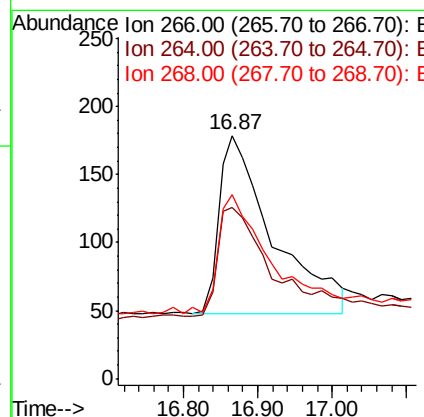
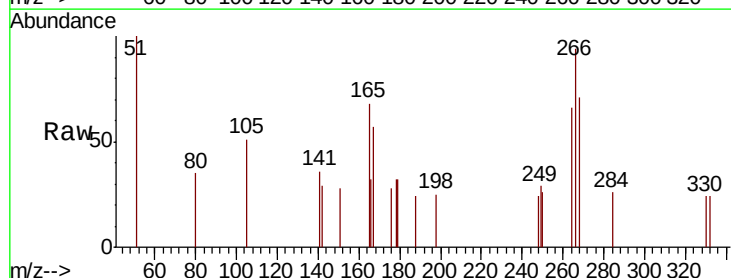
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

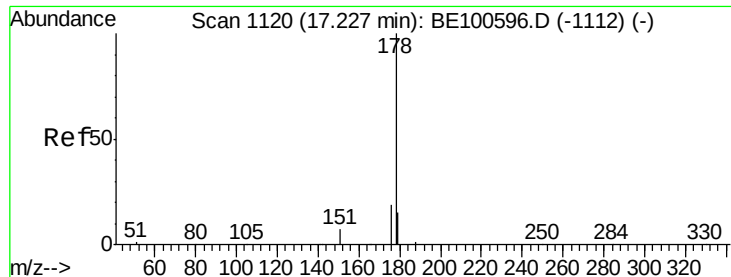
Tot Ion:284 Resp: 3318
Ion Ratio Lower Upper
284 100
142 43.9 35.1 52.7
249 33.5 27.2 40.8



#22
Pentachlorophenol
Concen: 0.269 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE100596.D
Acq: 3 Oct 2019 14:33

Tgt Ion:266 Resp: 659
Ion Ratio Lower Upper
266 100
264 70.4 56.3 84.5
268 75.4 60.3 90.5

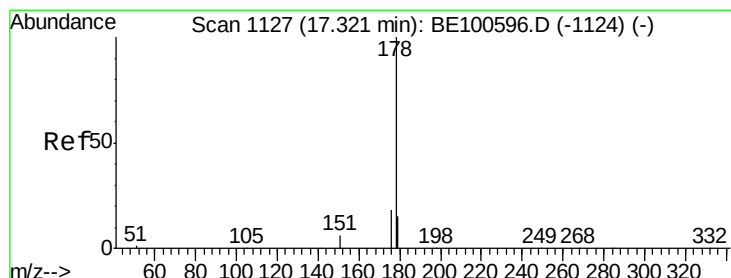
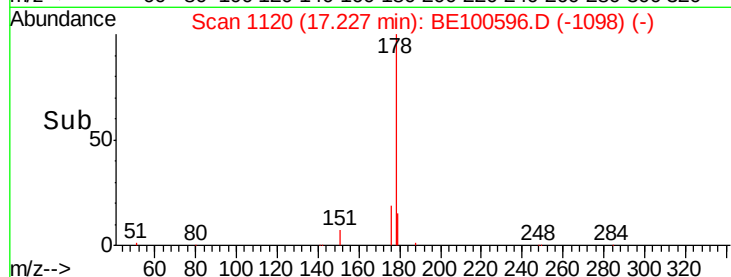
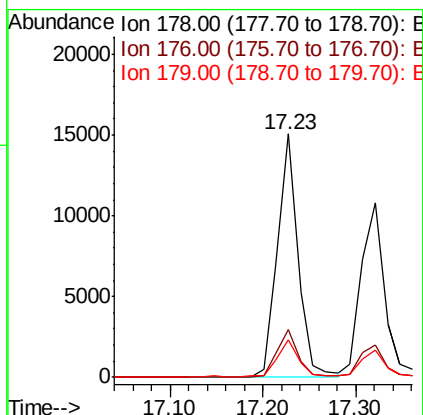
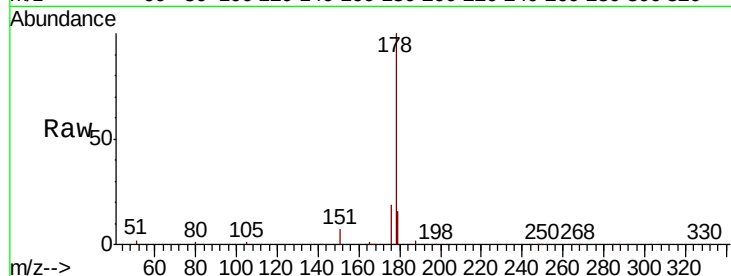




#23
Phenanthrene
Concen: 0.397 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE100596.D
Acq: 3 Oct 2019 14:33

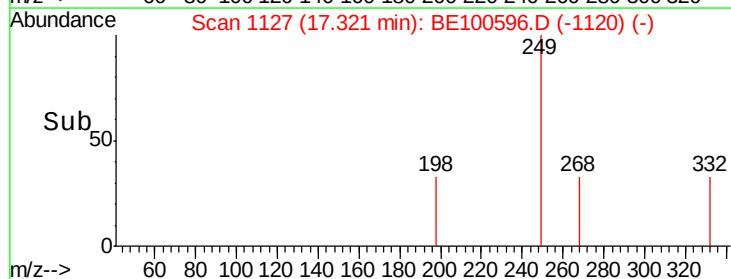
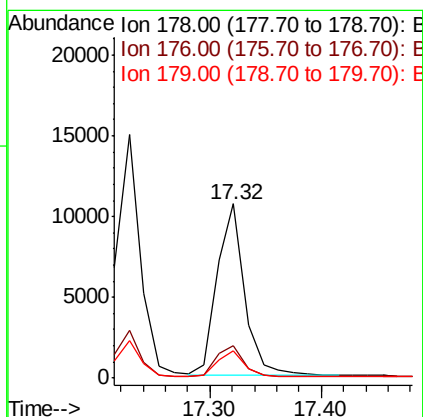
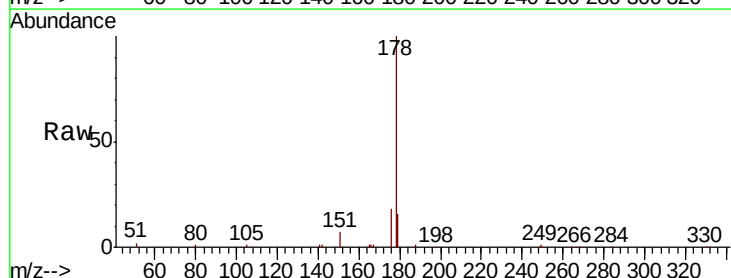
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

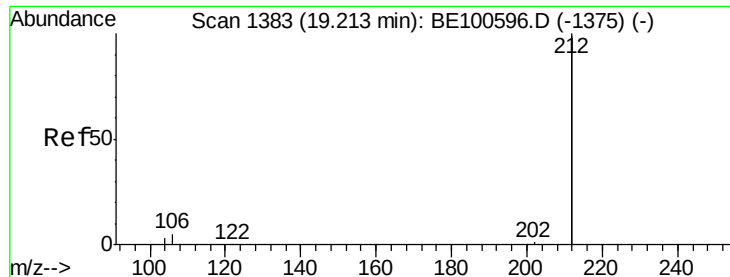
Tot Ion:178 Resp: 23001
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.4 12.3 18.5



#24
Anthracene
Concen: 0.362 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE100596.D
Acq: 3 Oct 2019 14:33

Tgt Ion:178 Resp: 18084
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.3 12.2 18.4

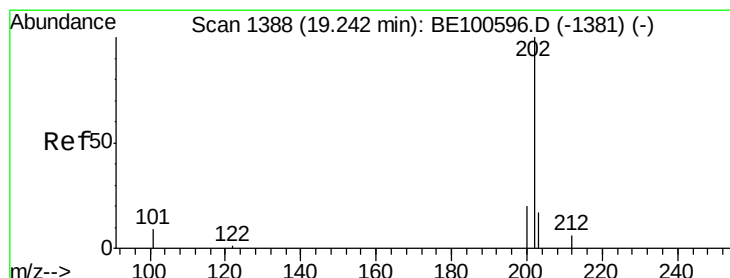
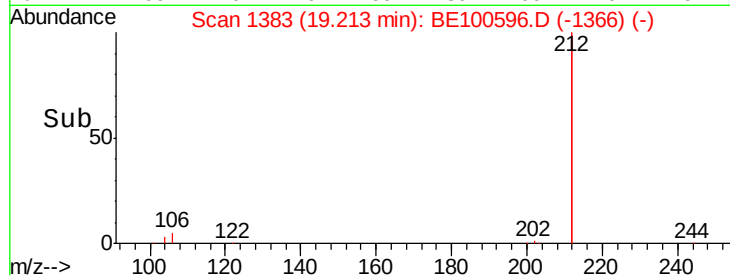
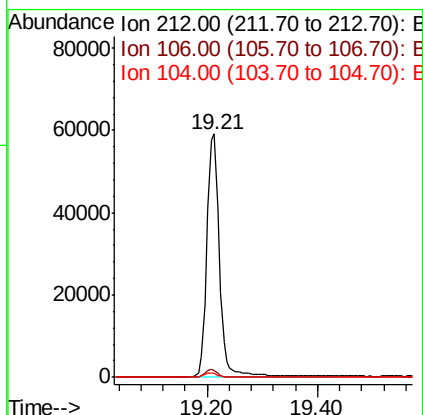
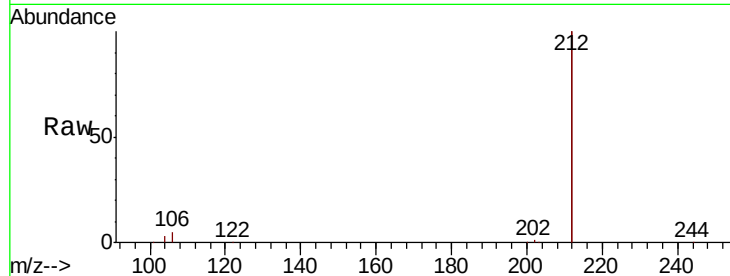




#25
 Fluoranthene-d10
 Concen: 0.364 ng
 RT: 19.21 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BE100596.D
 Acq: 3 Oct 2019 14:33

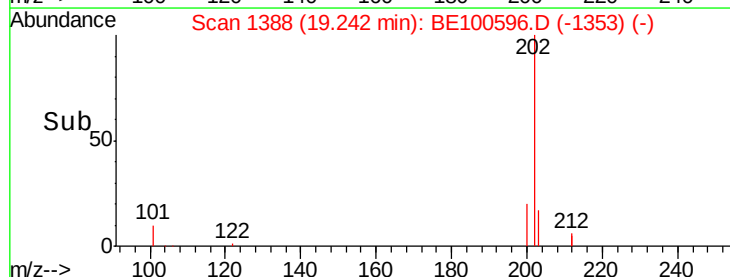
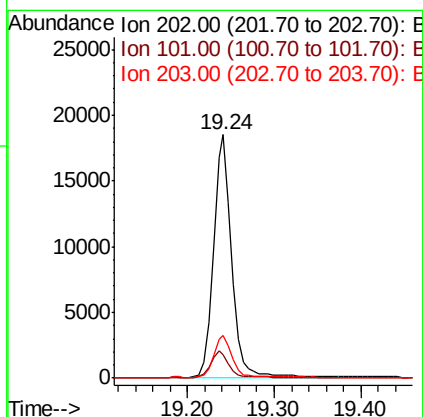
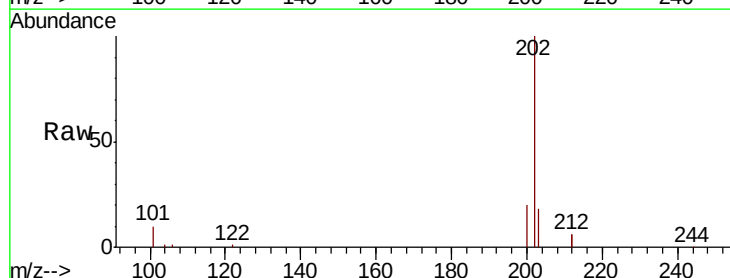
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

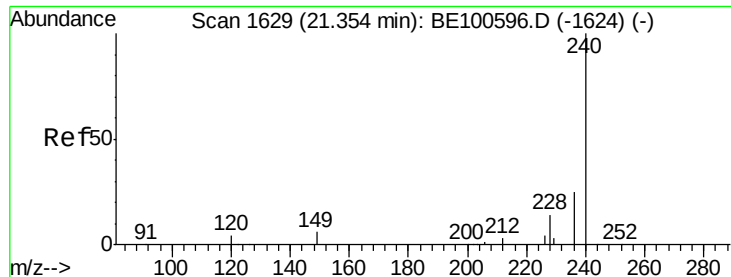
Tot Ion:212 Resp: 92620
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.3 3.5
 104 1.6 1.3 1.9



#26
 Fluoranthene
 Concen: 0.376 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BE100596.D
 Acq: 3 Oct 2019 14:33

Tgt Ion:202 Resp: 27035
 Ion Ratio Lower Upper
 202 100
 101 10.7 8.6 12.8
 203 17.2 13.8 20.6

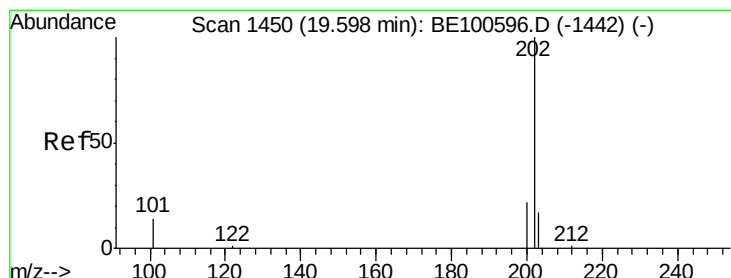
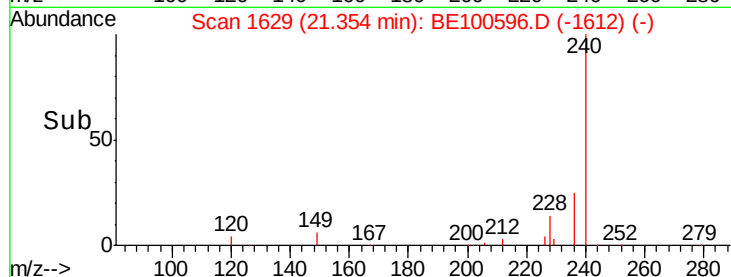
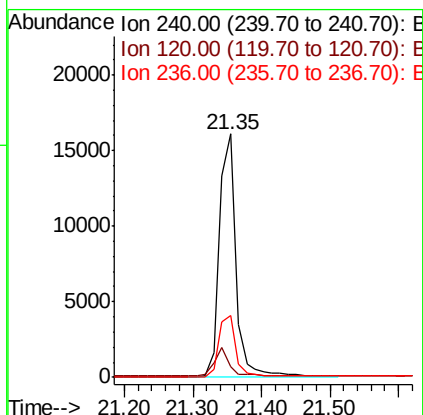
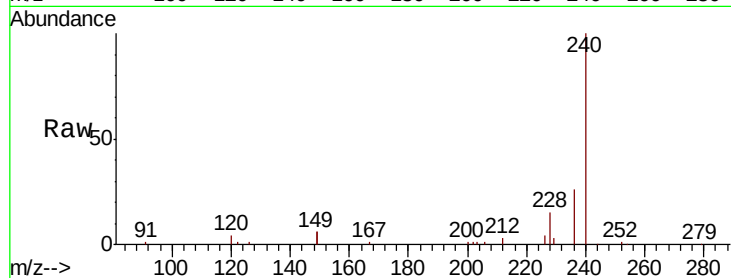




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100596.D
Acq: 3 Oct 2019 14:33

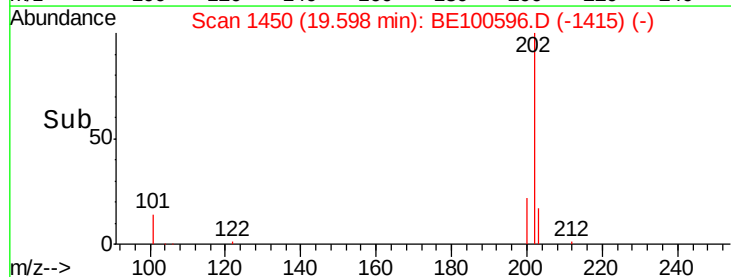
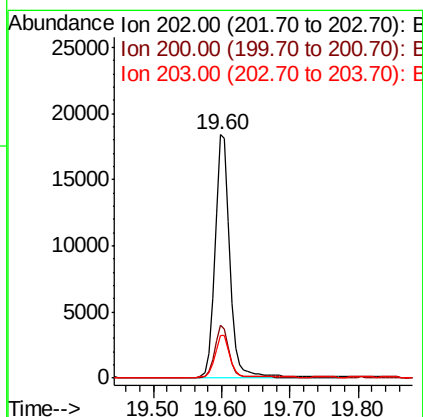
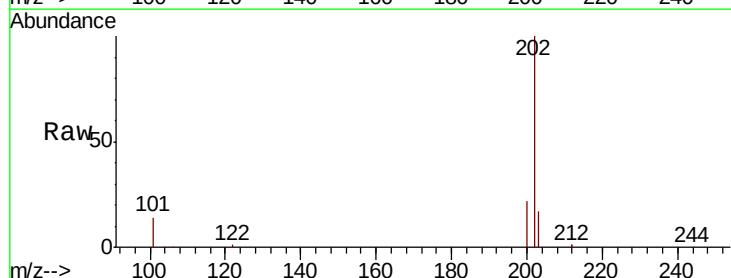
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

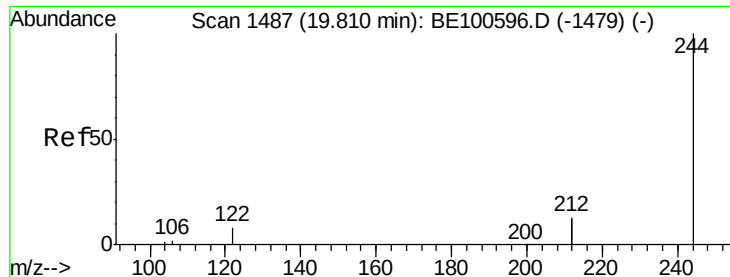
Tot Ion:240 Resp: 26961
Ion Ratio Lower Upper
240 100
120 4.5 3.6 5.4
236 25.6 20.5 30.7



#28
Pyrene
Concen: 0.417 ng
RT: 19.60 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BE100596.D
Acq: 3 Oct 2019 14:33

Tgt Ion:202 Resp: 27886
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 0.393 ng

RT: 19.81 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BE100596.D

Acq: 3 Oct 2019 14:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

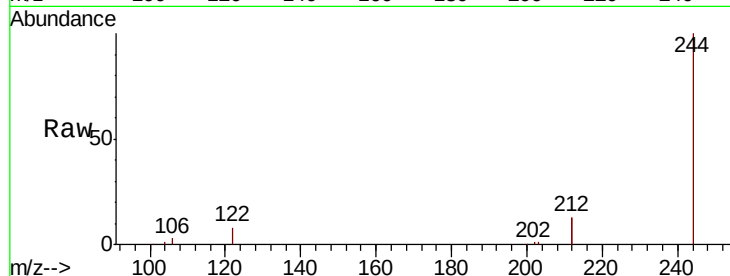
Tot Ion:244 Resp: 22810

Ion Ratio Lower Upper

244 100

212 25.8 20.6 31.0

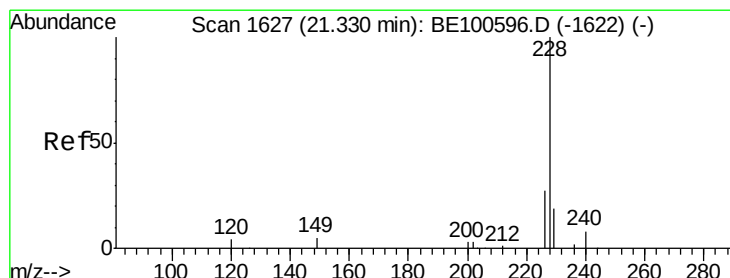
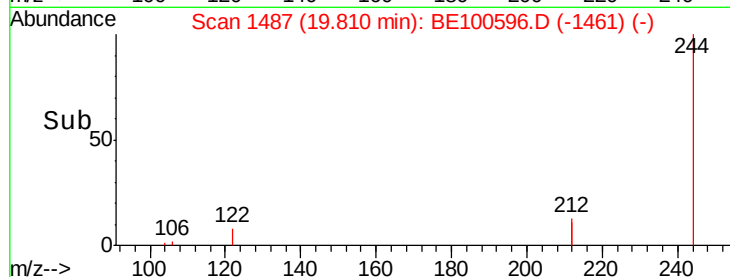
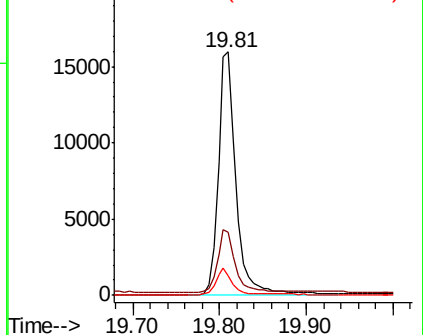
122 8.1 6.5 9.7



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: 0.366 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100596.D

Acq: 3 Oct 2019 14:33

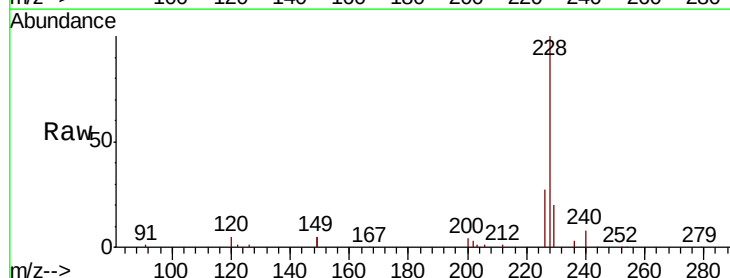
Tgt Ion:228 Resp: 28750

Ion Ratio Lower Upper

228 100

226 26.9 21.5 32.3

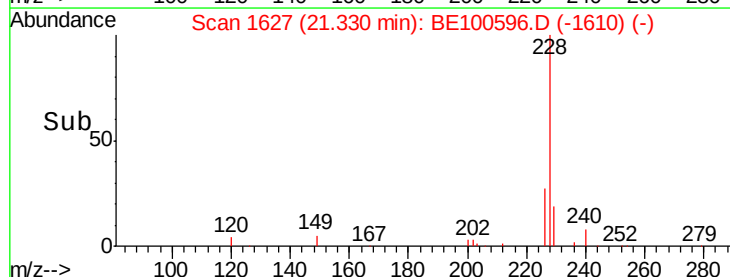
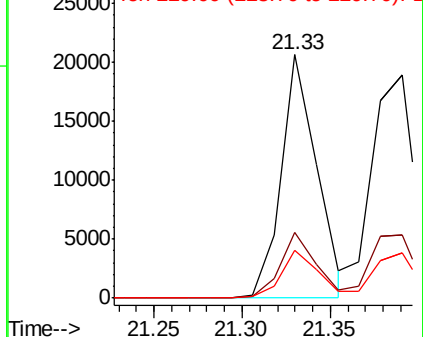
229 19.5 15.6 23.4

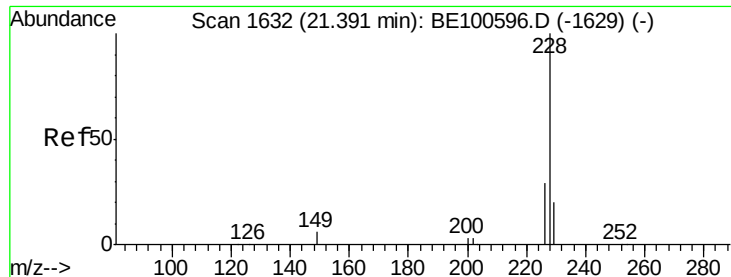


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.395 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE100596.D

Acq: 3 Oct 2019 14:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

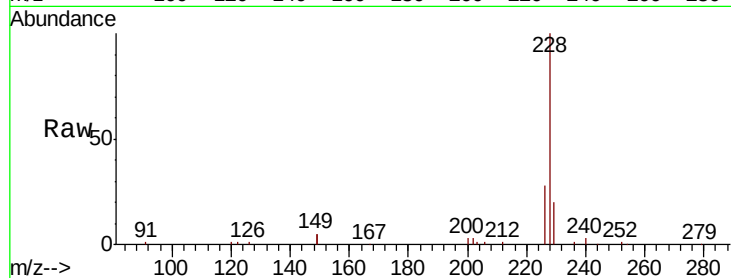
Tot Ion:228 Resp: 32086

Ion Ratio Lower Upper

228 100

226 28.4 22.7 34.1

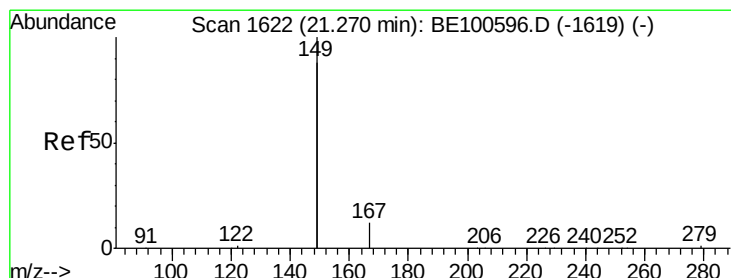
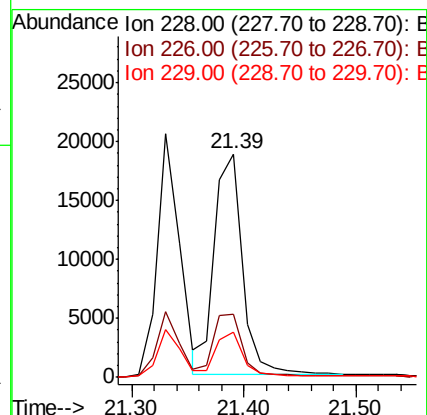
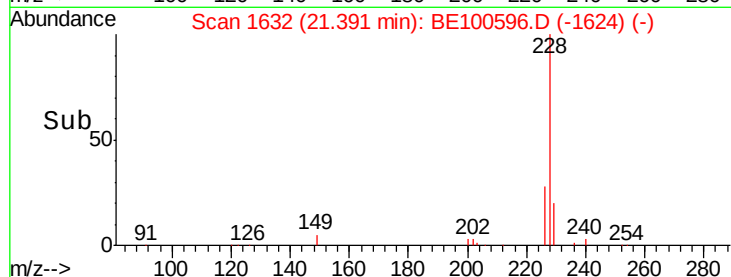
229 20.4 16.3 24.5



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: 0.234 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE100596.D

Acq: 3 Oct 2019 14:33

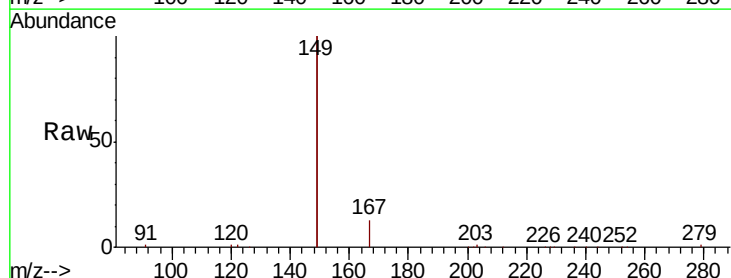
Tgt Ion:149 Resp: 49505

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

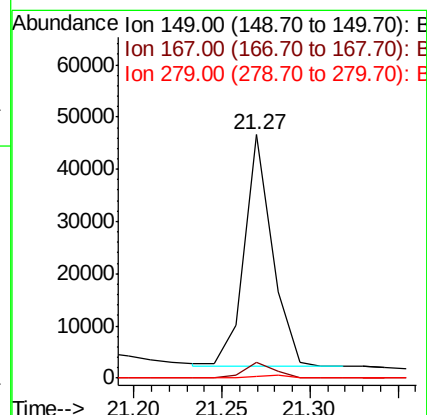
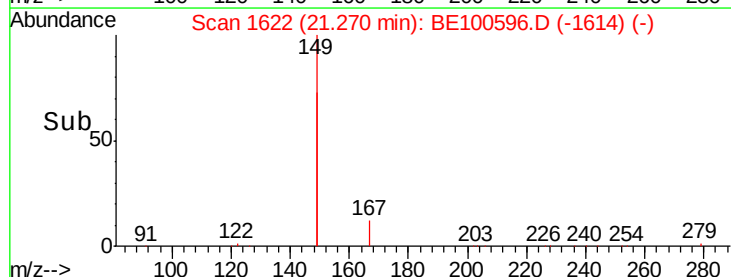
279 1.1 0.9 1.3

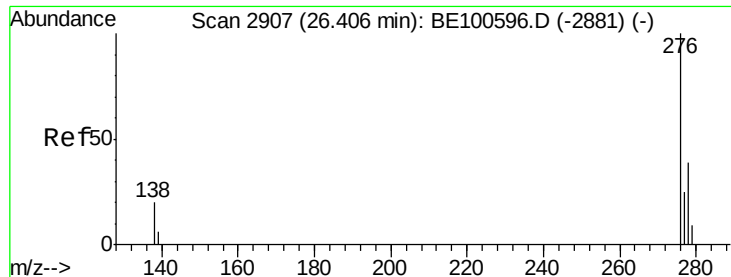


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

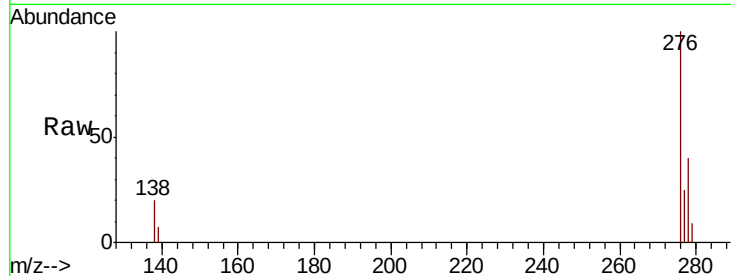




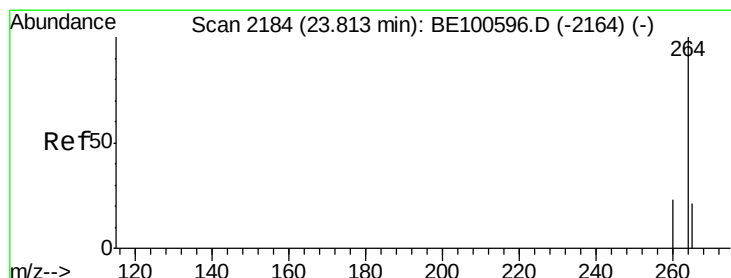
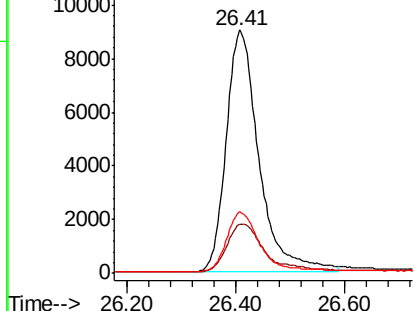
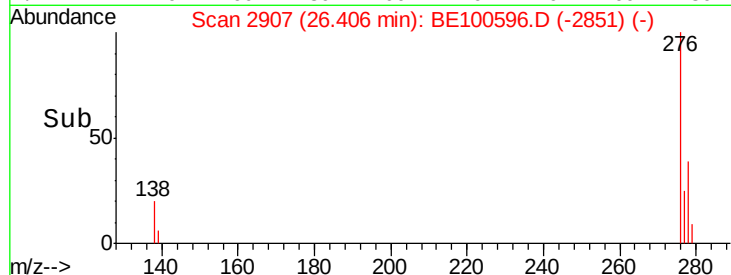
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.404 ng
 RT: 26.41 min Scan# 2907
 Delta R.T. 0.00 min
 Lab File: BE100596.D
 Acq: 3 Oct 2019 14:33

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion:276 Resp: 37925
 Ion Ratio Lower Upper
 276 100
 138 22.6 17.8 26.8
 277 25.0 19.8 29.8

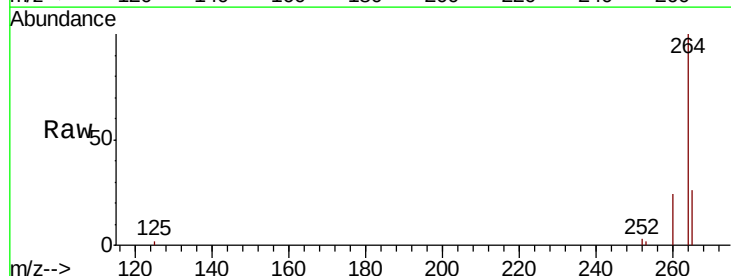


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

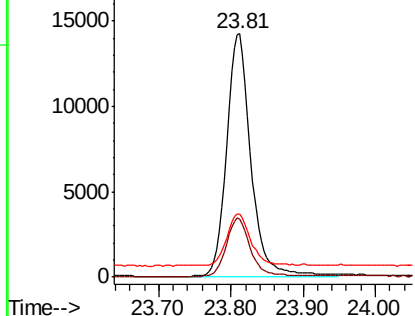
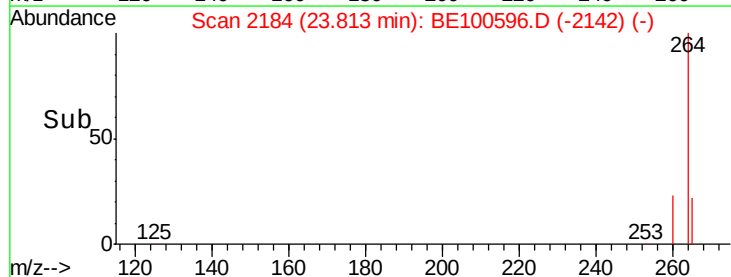


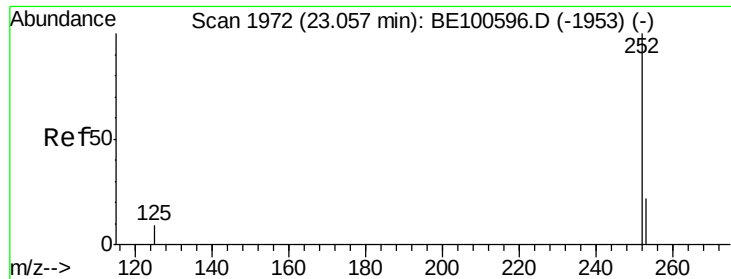
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.81 min Scan# 2184
 Delta R.T. 0.00 min
 Lab File: BE100596.D
 Acq: 3 Oct 2019 14:33

Tgt Ion:264 Resp: 32721
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 26.1 20.9 31.3



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

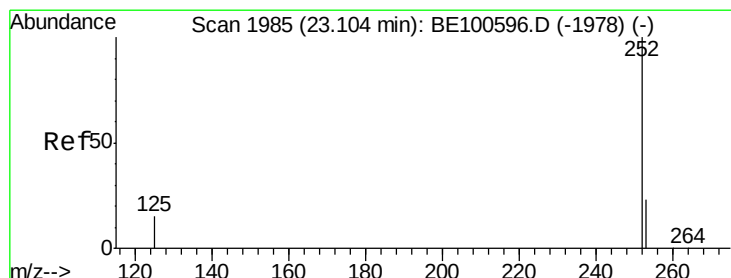
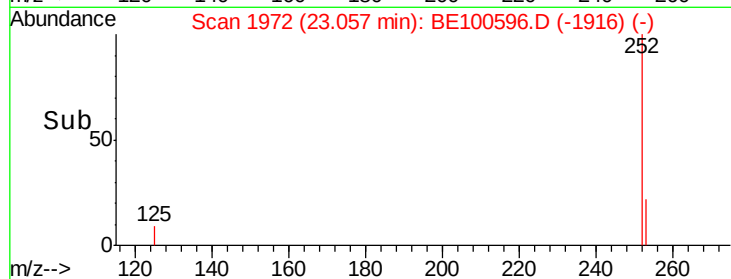
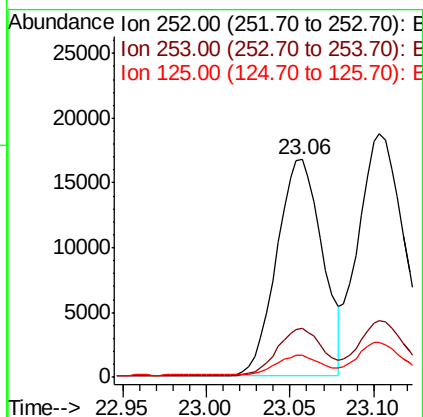
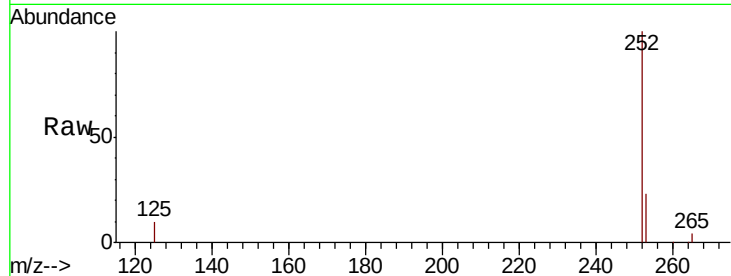




#35
Benzo(b)fluoranthene
Concen: 0.361 ng
RT: 23.06 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BE100596.D
Acq: 3 Oct 2019 14:33

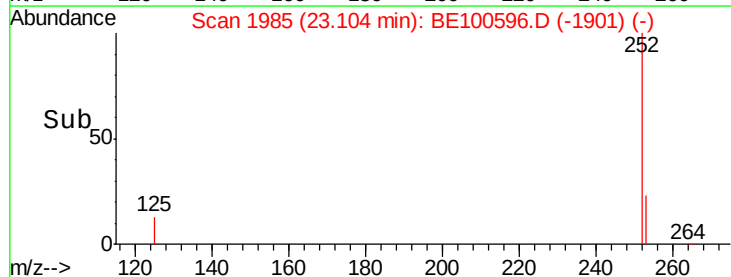
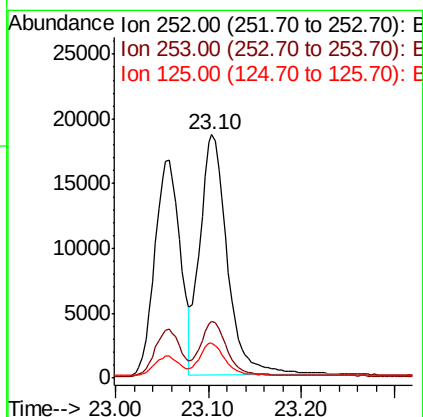
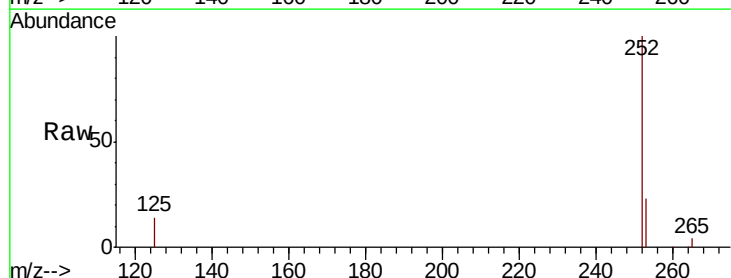
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

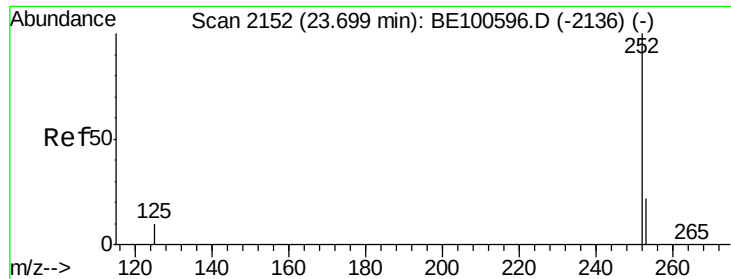
Tot Ion:252 Resp: 31842
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 9.9 7.9 11.9



#36
Benzo(k)fluoranthene
Concen: 0.375 ng
RT: 23.10 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BE100596.D
Acq: 3 Oct 2019 14:33

Tgt Ion:252 Resp: 37748
Ion Ratio Lower Upper
252 100
253 23.3 18.6 28.0
125 14.2 11.4 17.0





#37

Benzo(a)pyrene

Concen: 0.363 ng

RT: 23.70 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BE100596.D

Acq: 3 Oct 2019 14:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

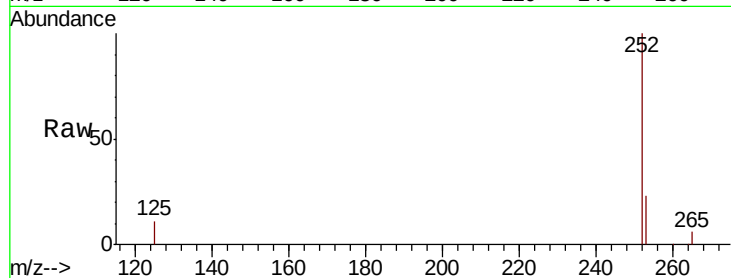
Tot Ion:252 Resp: 29772

Ion Ratio Lower Upper

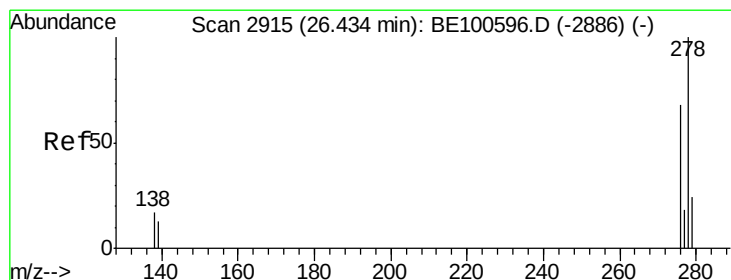
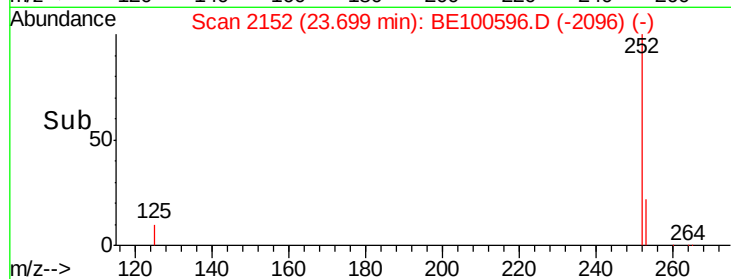
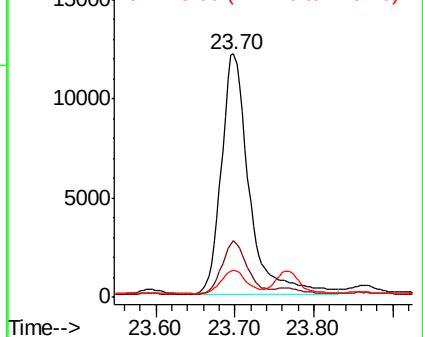
252 100

253 23.1 18.5 27.7

125 11.0 8.8 13.2



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: 0.374 ng

RT: 26.43 min Scan# 2915

Delta R.T. 0.00 min

Lab File: BE100596.D

Acq: 3 Oct 2019 14:33

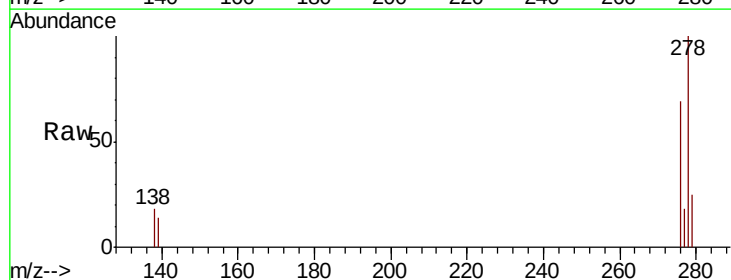
Tgt Ion:278 Resp: 31495

Ion Ratio Lower Upper

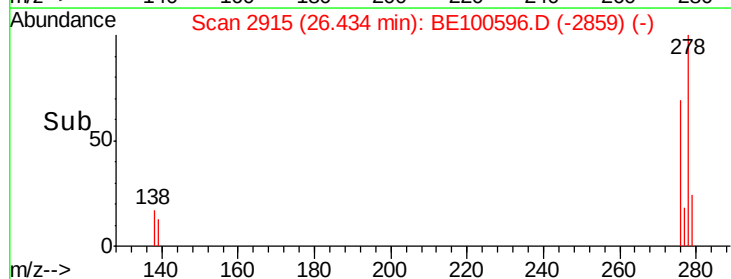
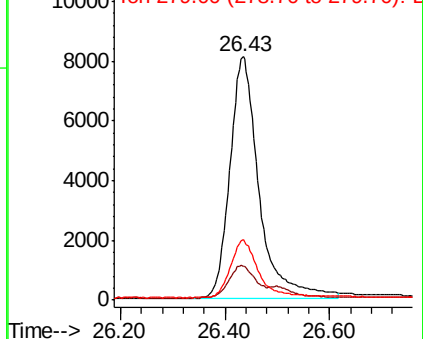
278 100

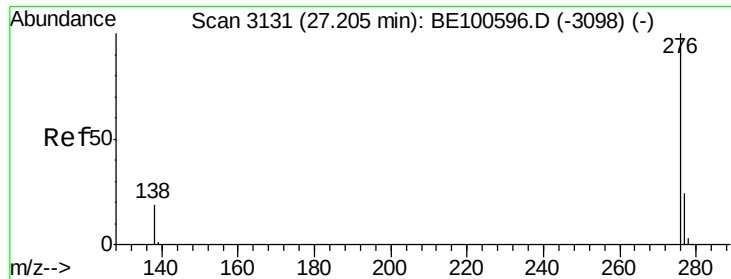
139 13.7 11.0 16.4

279 24.6 19.7 29.5



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: 0.386 ng

RT: 27.20 min Scan# 3131

Delta R.T. 0.00 min

Lab File: BE100596.D

Acq: 3 Oct 2019 14:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

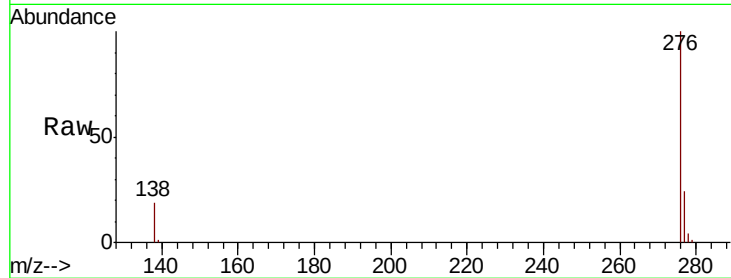
Tot Ion: 276 Resp: 32843

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 19.5 15.6 23.4



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

