

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
 Data File : BE100510.D
 Acq On : 18 Sep 2019 16:54
 Operator : HP/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Quant Time: Sep 18 17:31:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 17:04:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	7737	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	36668	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	19896	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	47396	0.40	ng	0.00
27) Chrysene-d12	21.37	240	59116	0.40	ng	0.00
34) Perylene-d12	23.84	264	63393	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	39219	2.08	ng	-0.01
5) Phenol-d6	7.02	99	51409	1.91	ng	0.00
8) Nitrobenzene-d5	9.00	82	34860	1.14	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	99563	1.64	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	7679	0.89	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	126703	1.57	ng	0.00
25) Fluoranthene-d10	19.23	212	1056587	1.63	ng	0.00
29) Terphenyl-d14	19.82	244	237941	1.63	ng	0.00

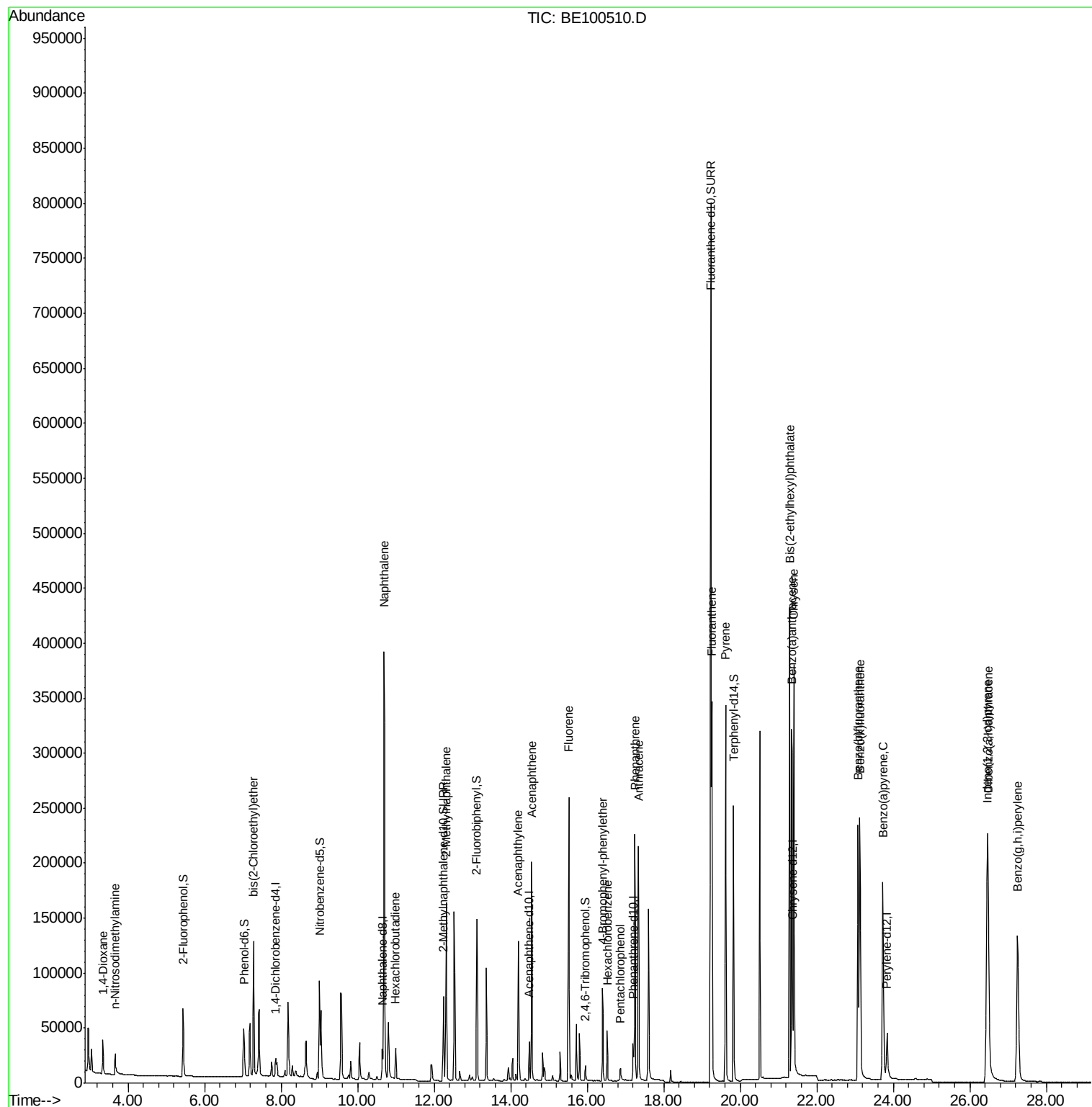
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	21118	1.816	ng	99
3) n-Nitrosodimethylamine	3.66	42	13955	1.970	ng	# 96
6) bis(2-Chloroethyl)ether	7.28	93	48396	2.092	ng	97
9) Naphthalene	10.69	128	674609	1.915	ng	100
10) Hexachlorobutadiene	10.99	225	21210	1.260	ng	99
12) 2-Methylnaphthalene	12.31	142	113708	1.795	ng	100
16) Acenaphthylene	14.20	152	176482	1.919	ng	100
17) Acenaphthene	14.54	154	109157	1.971	ng	99
18) Fluorene	15.52	166	142151	1.925	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	40723	1.806	ng	# 62
21) Hexachlorobenzene	16.52	284	32288	1.391	ng	98
22) Pentachlorophenol	16.87	266	9520	0.973	ng	100
23) Phenanthrene	17.24	178	240445	2.070	ng	100
24) Anthracene	17.34	178	220588	1.994	ng	100
26) Fluoranthene	19.26	202	304931	1.823	ng	99
28) Pyrene	19.61	202	310242	1.684	ng	100
30) Benzo(a)anthracene	21.34	228	322352	1.787	ng	99
31) Chrysene	21.40	228	327226	1.836	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	547999	1.322	ng	# 94
33) Indeno(1,2,3-cd)pyrene	26.45	276	386737	1.991	ng	98
35) Benzo(b)fluoranthene	23.08	252	326688	1.882	ng	98
36) Benzo(k)fluoranthene	23.13	252	367154	2.017	ng	98
37) Benzo(a)pyrene	23.73	252	310674	1.842	ng	98
38) Dibenzo(a,h)anthracene	26.48	278	319808	2.006	ng	98
39) Benzo(g,h,i)perylene	27.25	276	322364	1.976	ng	99

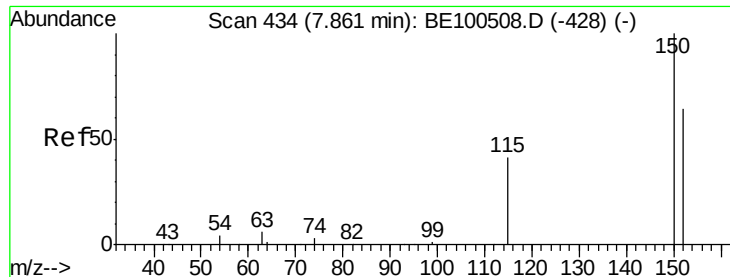
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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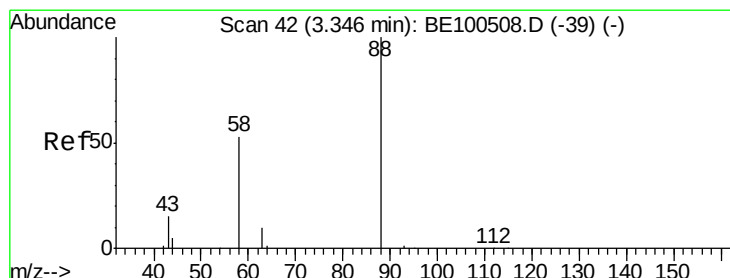
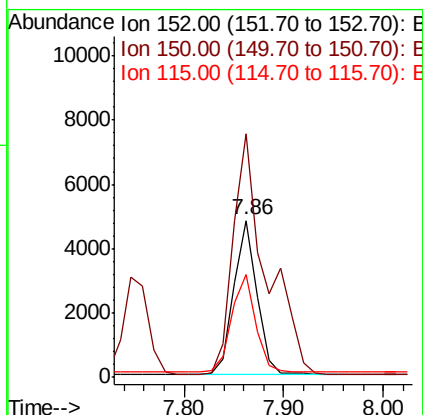
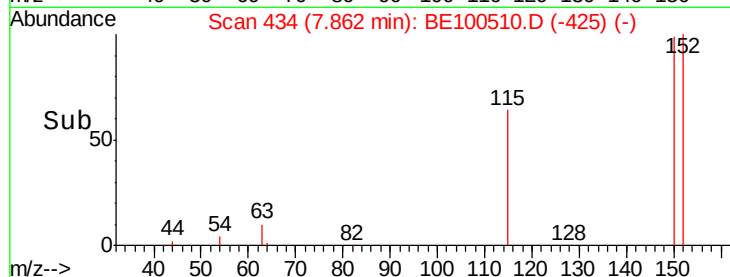
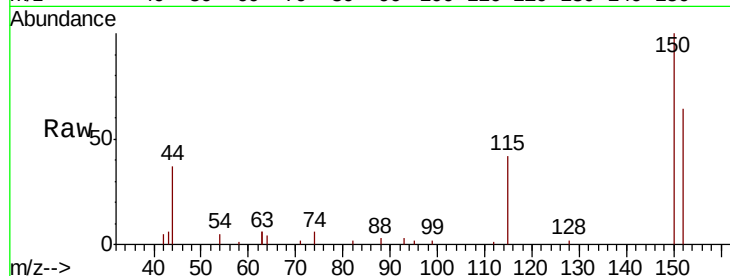


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

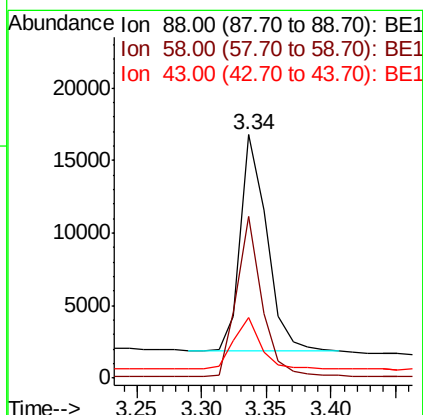
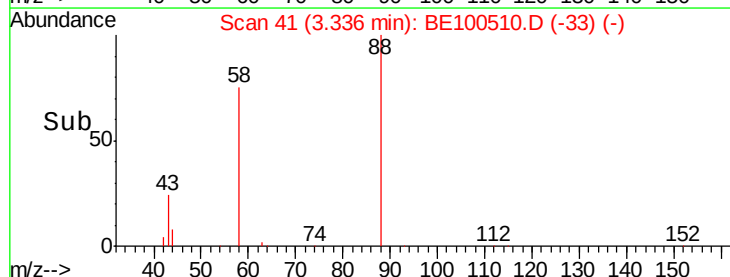
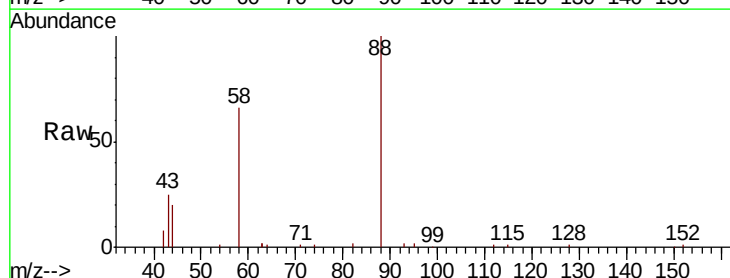
Tot Ion:152 Resp: 7737
Ion Ratio Lower Upper
152 100
150 155.4 124.1 186.1
115 65.9 53.0 79.6

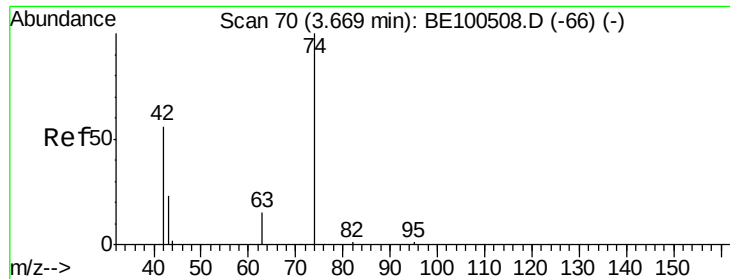


#2

1,4-Dioxane
Concen: 1.816 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion: 88 Resp: 21118
Ion Ratio Lower Upper
88 100
58 71.3 56.2 84.2
43 23.6 19.2 28.8





#3

n-Nitrosodimethylamine

Concen: 1.970 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

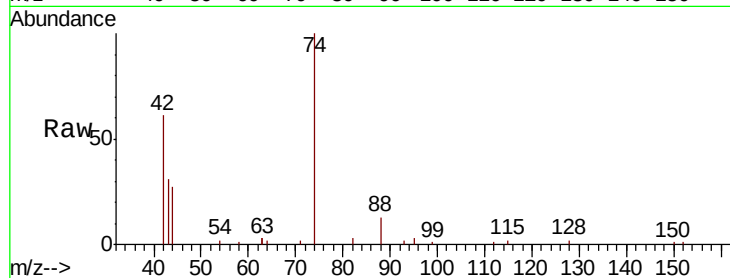
Tot Ion: 42 Resp: 13955

Ion Ratio Lower Upper

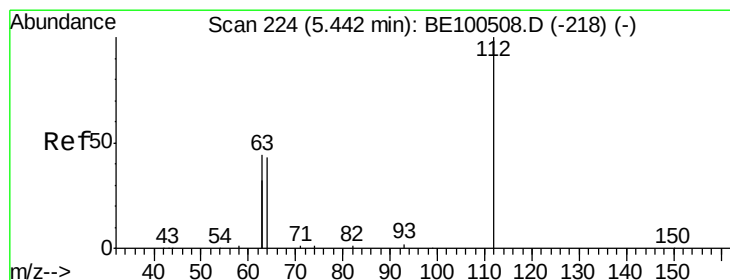
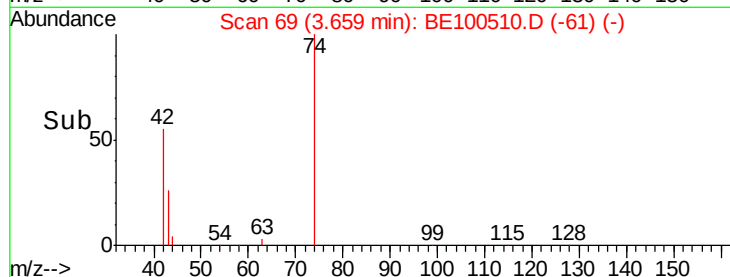
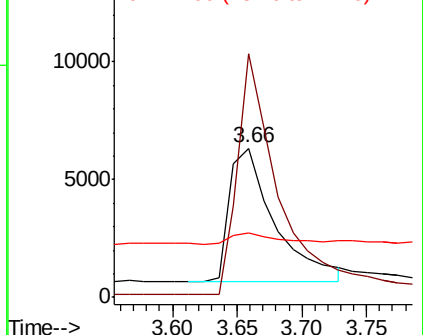
42 100

74 159.5 127.2 190.8

44 9.2 18.2 27.4#



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: 2.078 ng

RT: 5.43 min Scan# 223

Delta R.T. -0.01 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

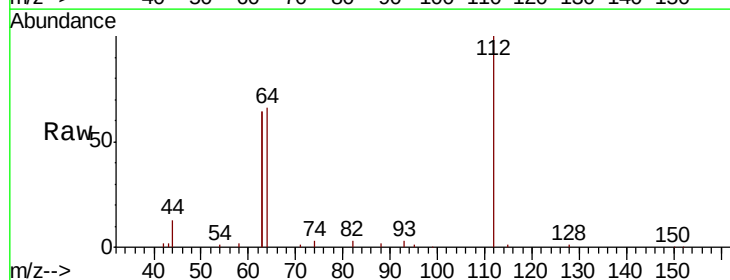
Tgt Ion: 112 Resp: 39219

Ion Ratio Lower Upper

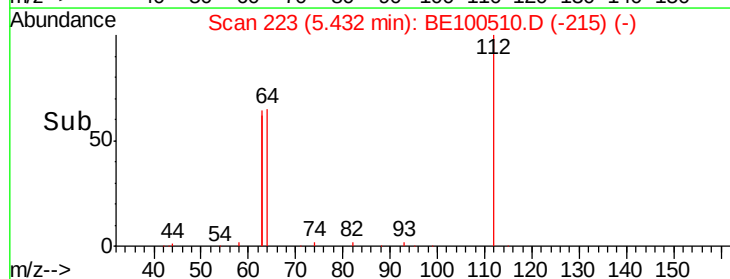
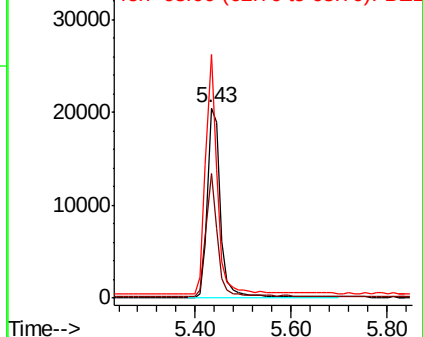
112 100

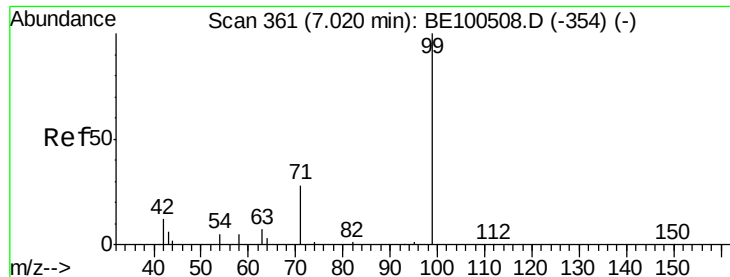
64 57.0 46.2 69.2

63 110.0 88.2 132.4



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: 1.907 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

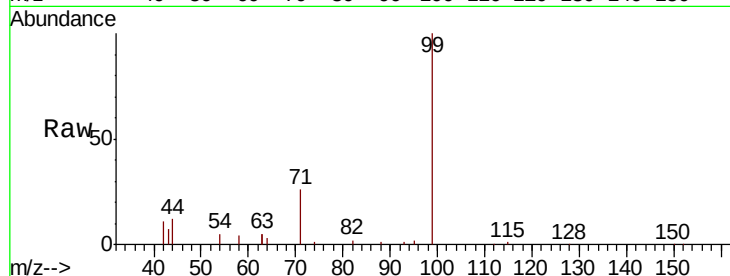
Tot Ion: 99 Resp: 51409

Ion Ratio Lower Upper

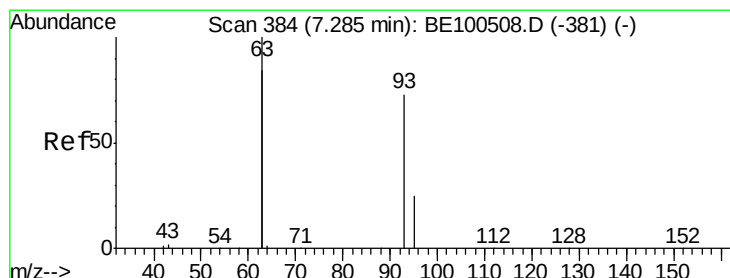
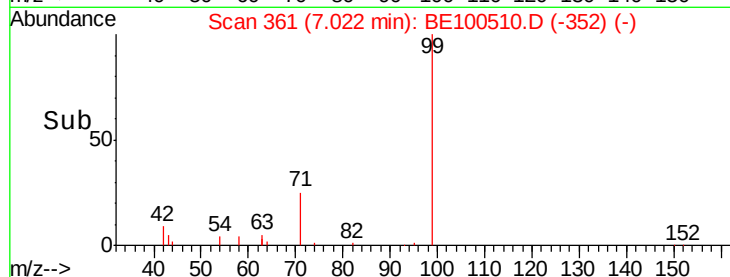
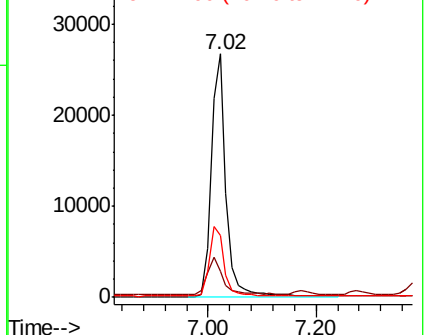
99 100

42 15.4 12.0 18.0

71 29.1 22.7 34.1



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: 2.092 ng

RT: 7.28 min Scan# 383

Delta R.T. -0.01 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

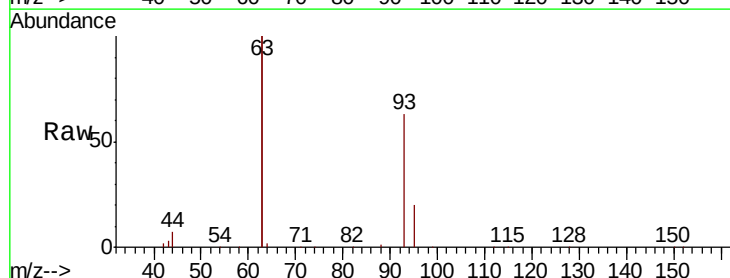
Tgt Ion: 93 Resp: 48396

Ion Ratio Lower Upper

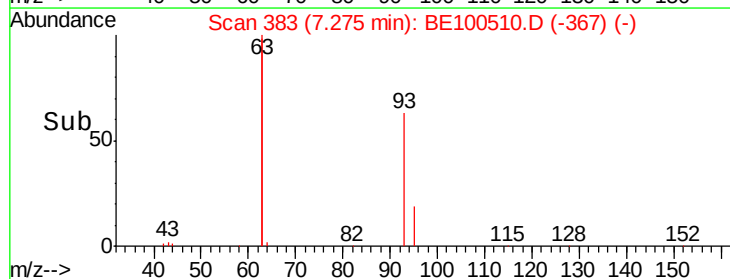
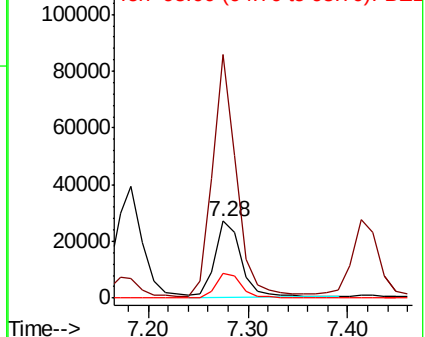
93 100

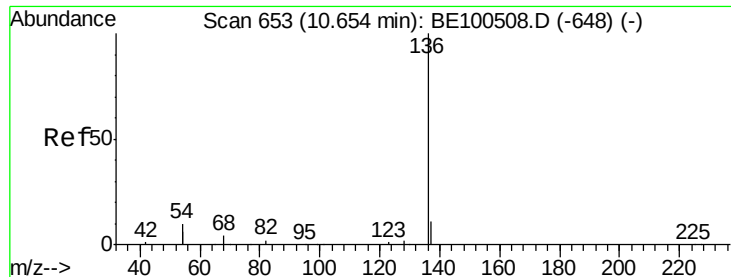
63 291.8 228.3 342.5

95 31.8 24.6 36.8



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: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 36668

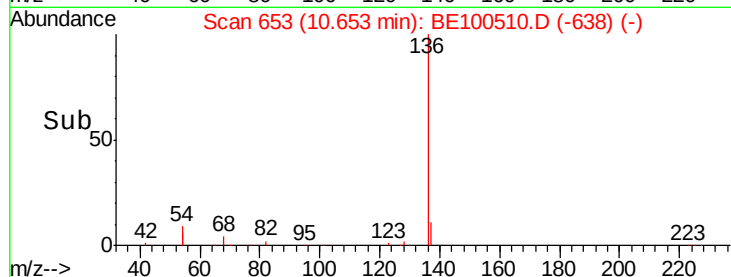
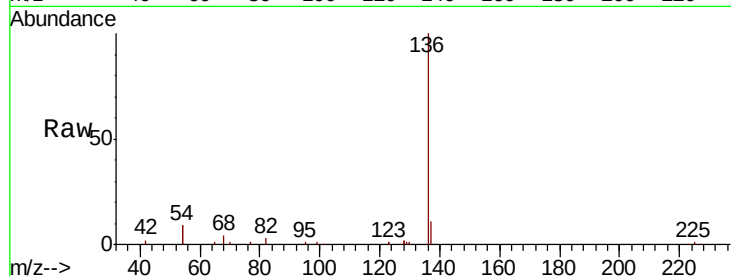
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 17.0 15.4 23.0

68 4.4 4.0 6.0

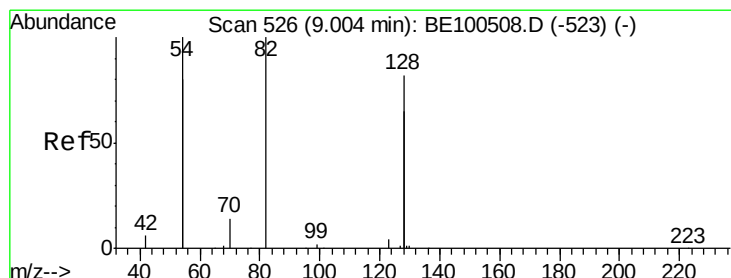
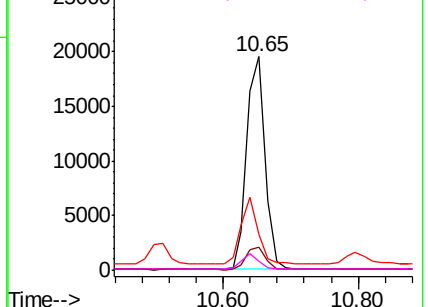


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.144 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

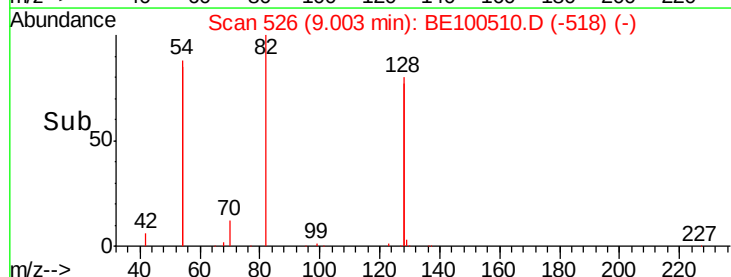
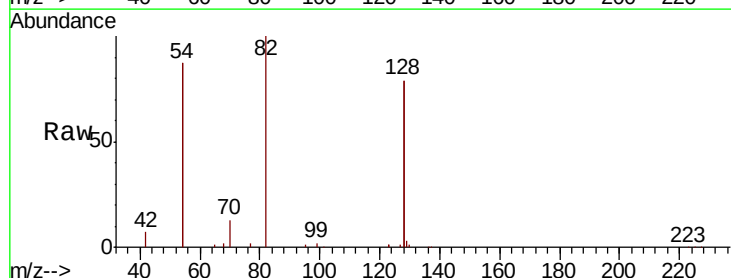
Tgt Ion: 82 Resp: 34860

Ion Ratio Lower Upper

82 100

128 158.1 124.6 186.8

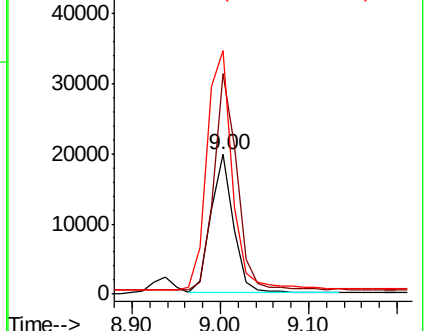
54 174.7 151.8 227.8

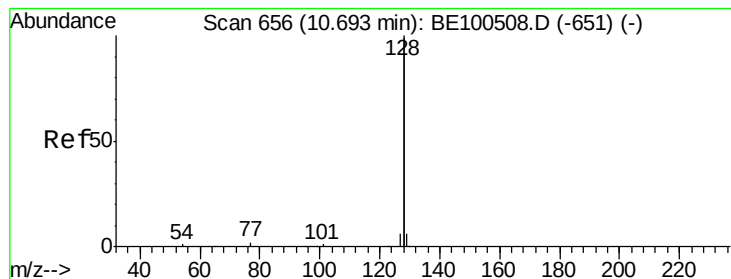


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 1.915 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

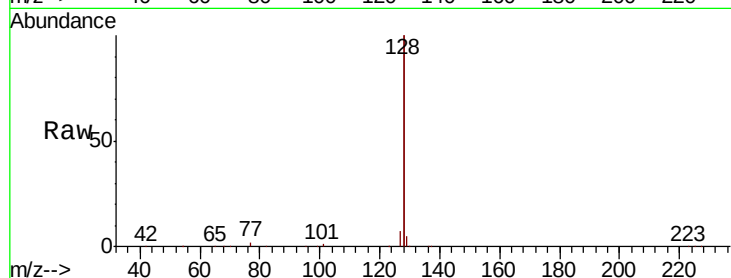
Tot Ion:128 Resp: 674609

Ion Ratio Lower Upper

128 100

129 2.7 2.3 3.5

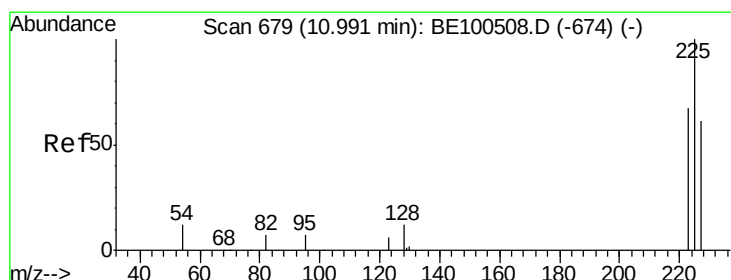
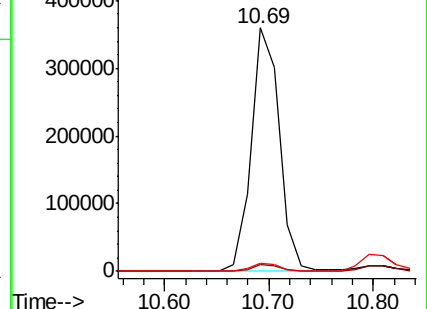
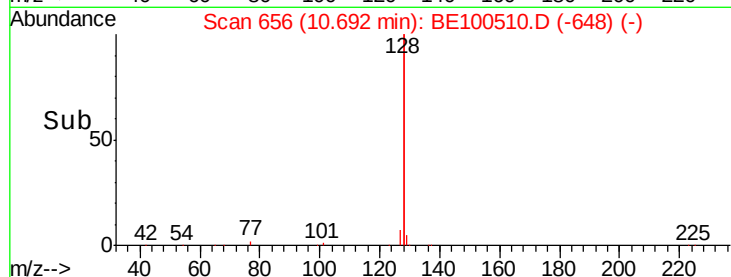
127 3.3 2.6 4.0



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: 1.260 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

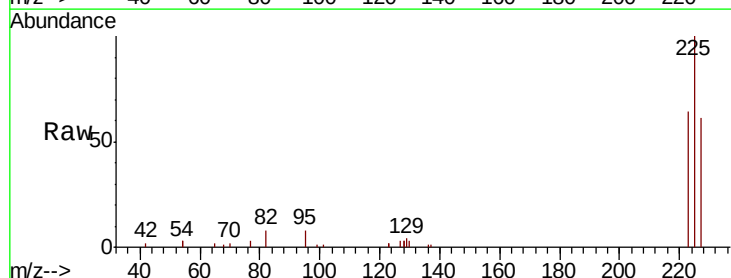
Tgt Ion:225 Resp: 21210

Ion Ratio Lower Upper

225 100

223 62.6 51.0 76.6

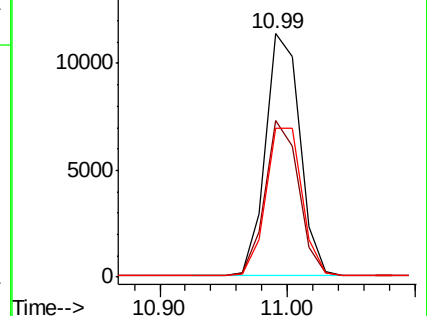
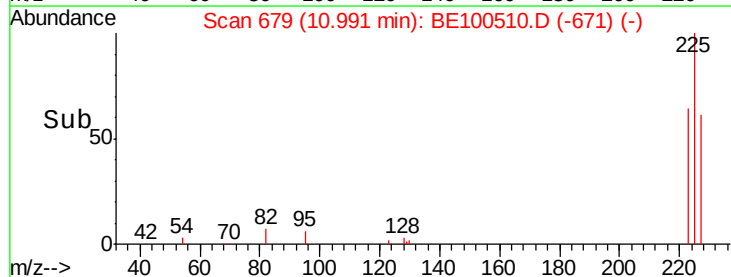
227 64.3 51.6 77.4

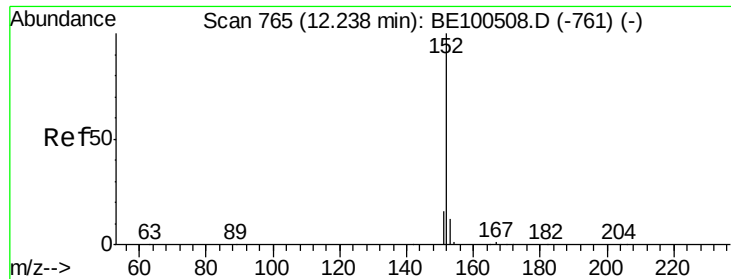


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

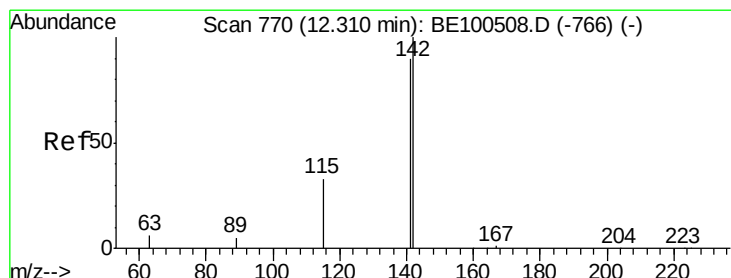
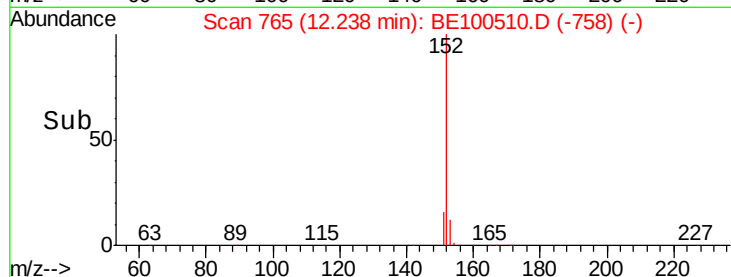
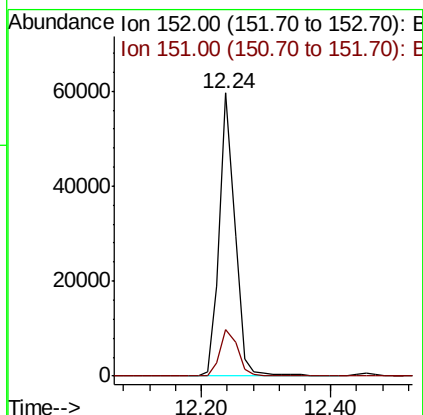
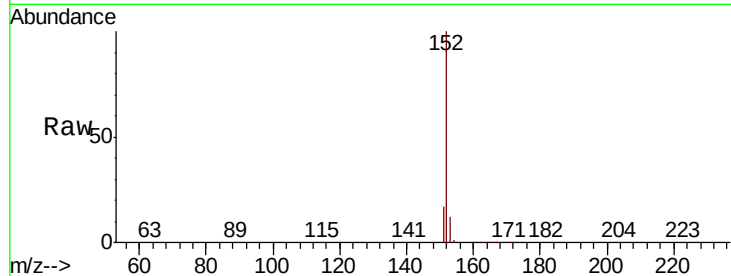




#11
 2-Methylnaphthalene-d10
 Concen: 1.639 ng
 RT: 12.24 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BE100510.D
 Acq: 18 Sep 2019 16:54

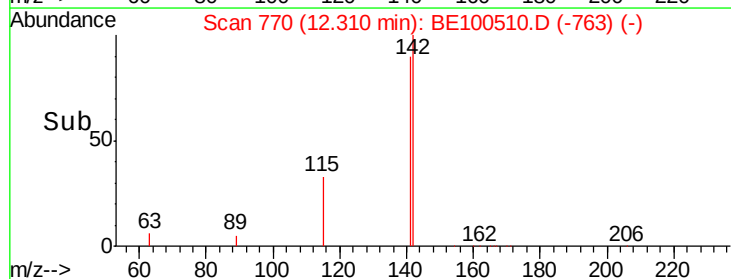
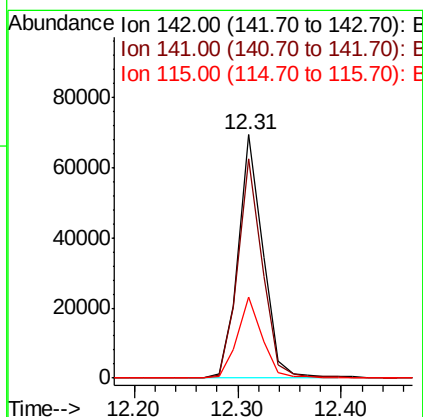
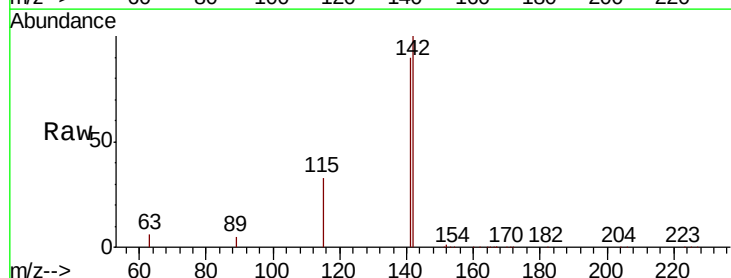
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

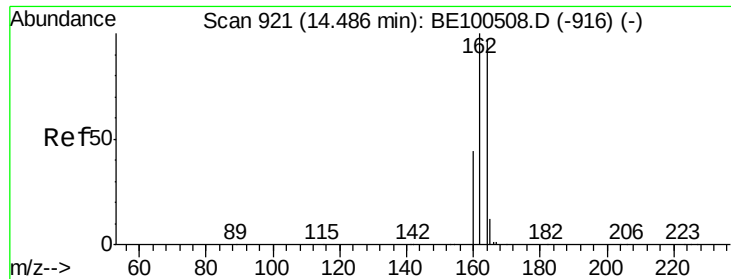
Tot Ion:152 Resp: 99563
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 1.795 ng
 RT: 12.31 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BE100510.D
 Acq: 18 Sep 2019 16:54

Tgt Ion:142 Resp: 113708
 Ion Ratio Lower Upper
 142 100
 141 90.2 72.1 108.1
 115 33.5 27.4 41.2

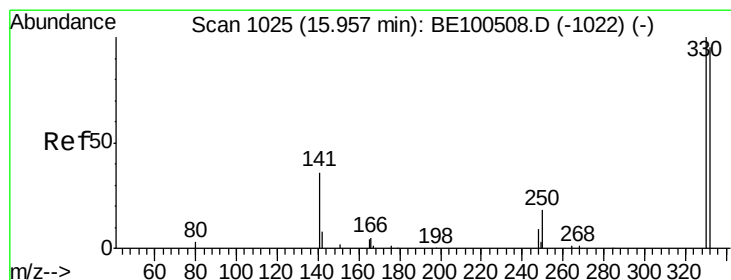
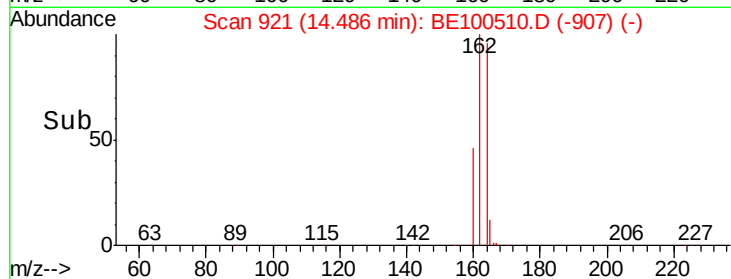
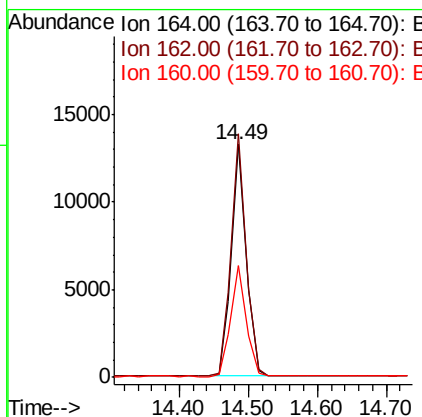
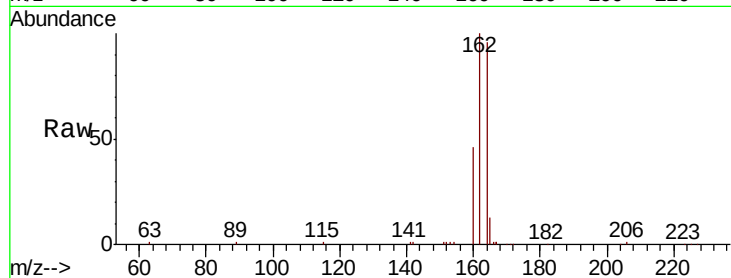




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BE100510.D
 Acq: 18 Sep 2019 16:54

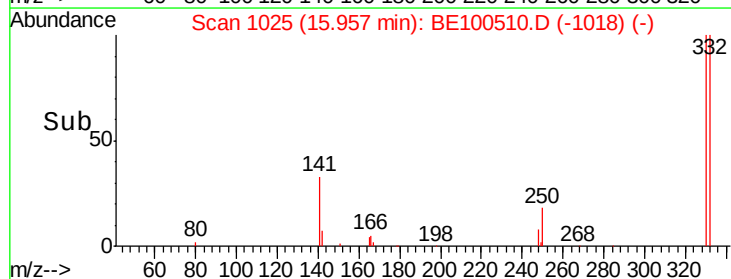
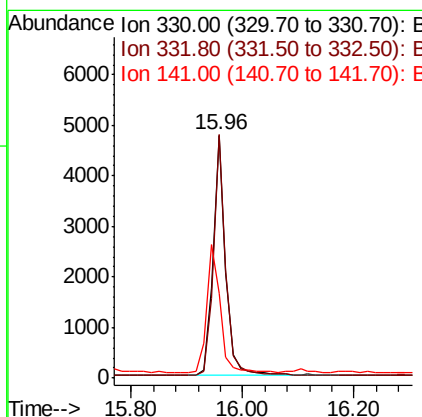
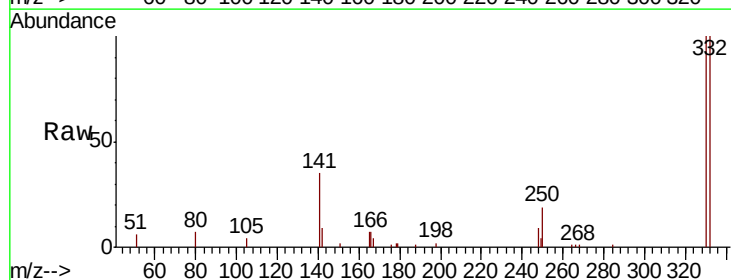
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

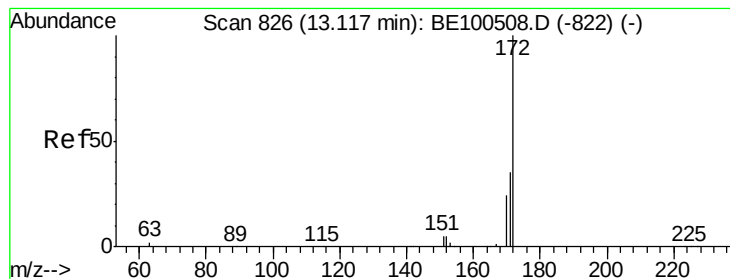
Tot Ion:164 Resp: 19896
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.8 124.2
 160 48.1 36.8 55.2



#14
 2,4,6-Tribromophenol
 Concen: 0.890 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BE100510.D
 Acq: 18 Sep 2019 16:54

Tgt Ion:330 Resp: 7679
 Ion Ratio Lower Upper
 330 100
 332 98.7 80.2 120.2
 141 55.9 43.7 65.5





#15

2-Fluorobiphenyl

Concen: 1.566 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

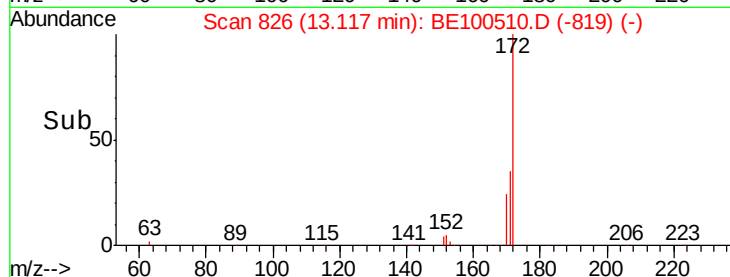
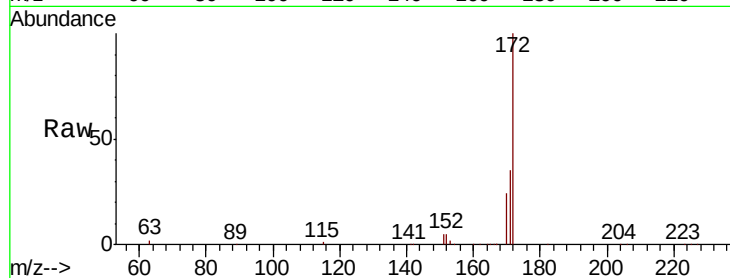
Tot Ion:172 Resp: 126703

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

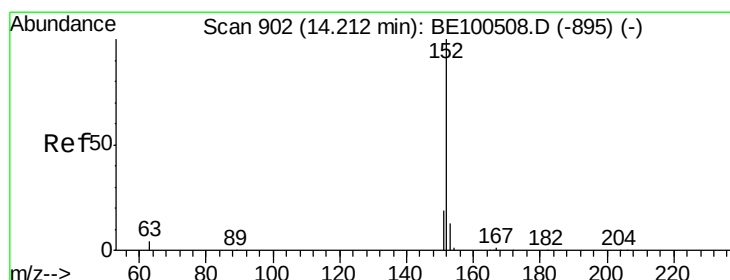
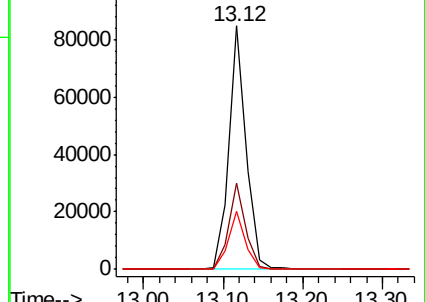
170 23.9 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 1.919 ng

RT: 14.20 min Scan# 901

Delta R.T. -0.01 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

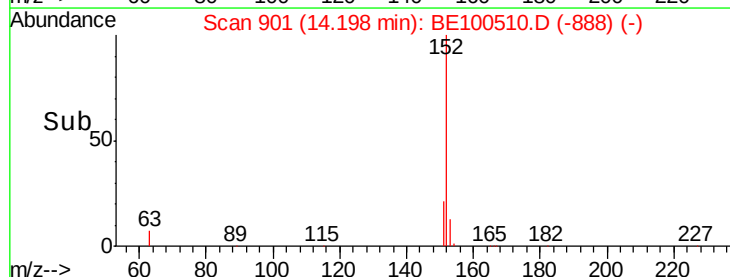
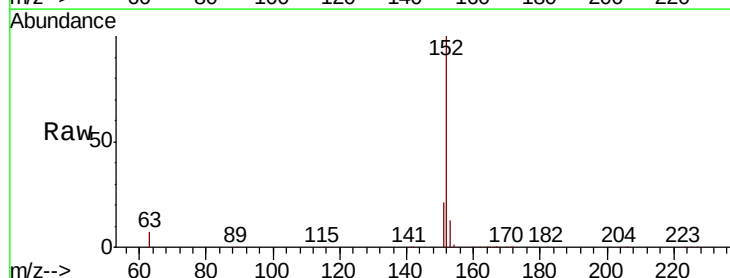
Tgt Ion:152 Resp: 176482

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

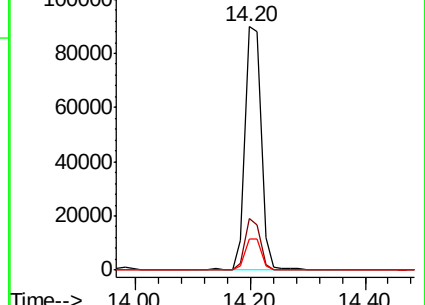
153 13.1 10.2 15.2

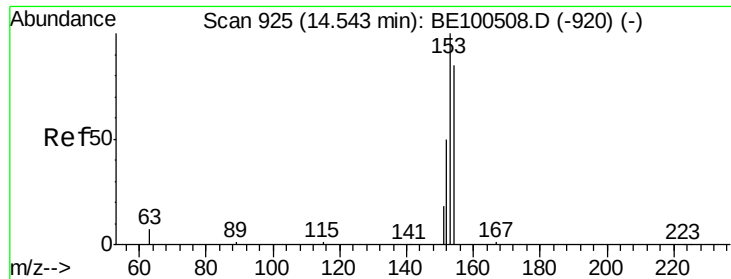


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

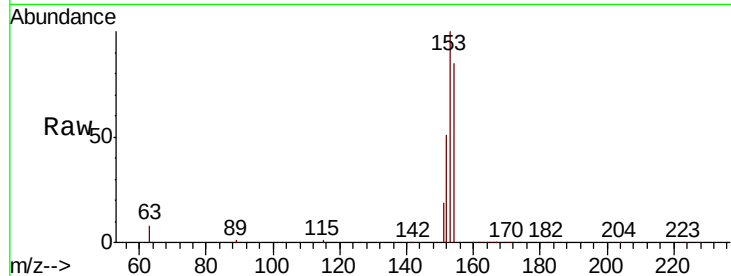




#17
Acenaphthene
Concen: 1.971 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.5	137.3
152	56.7	44.9	67.3

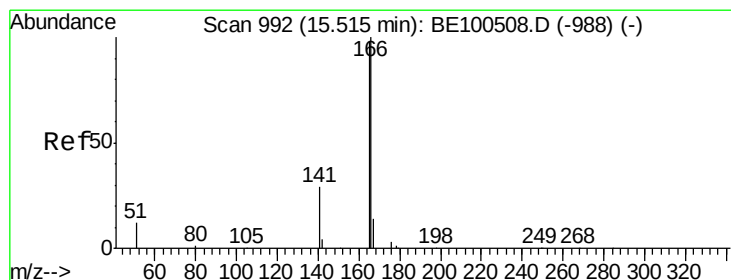
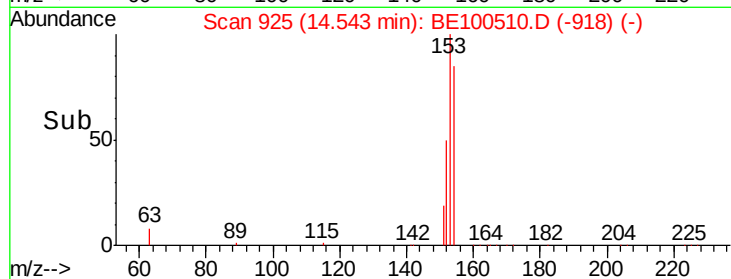
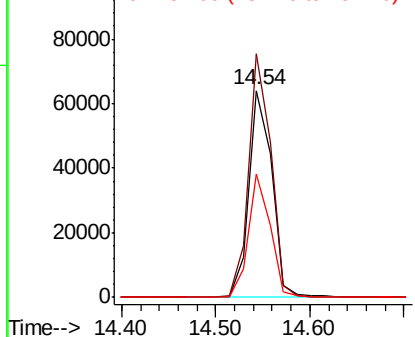


Abundance

Ion 154.00 (153.70 to 154.70): E

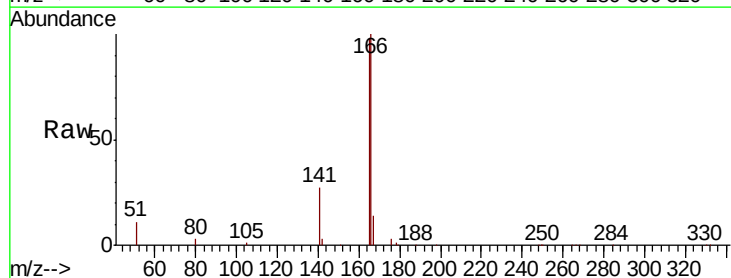
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 1.925 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.9	118.3
167	13.7	10.9	16.3

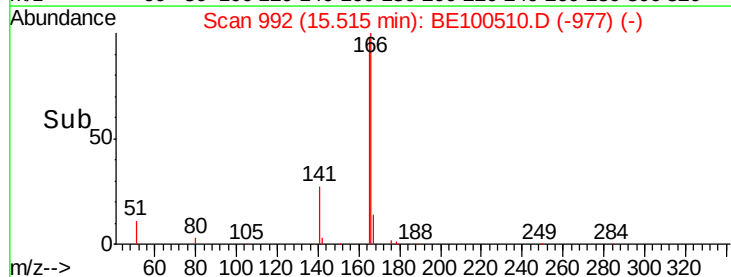
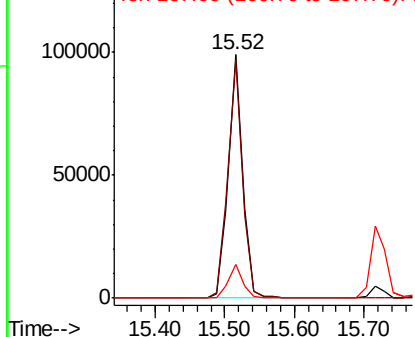


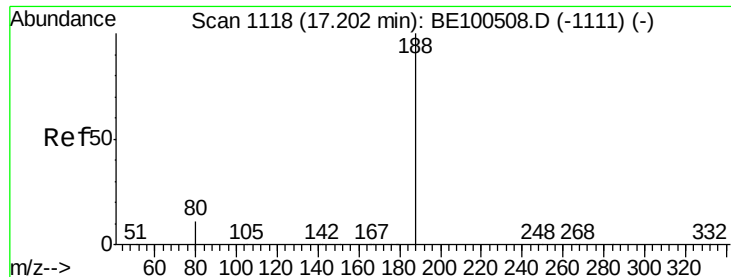
Abundance

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: BE100510.D

Acq: 18 Sep 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

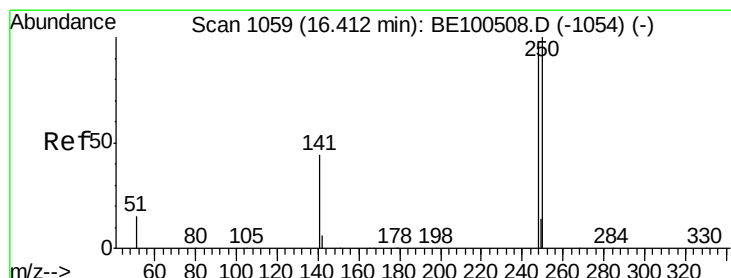
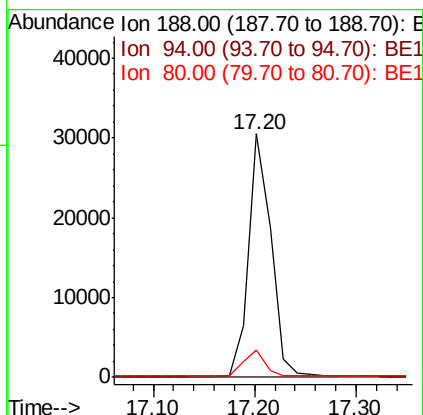
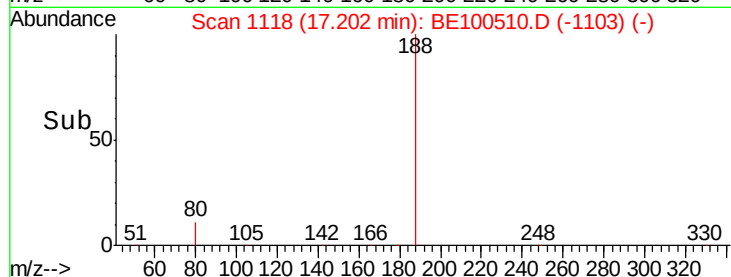
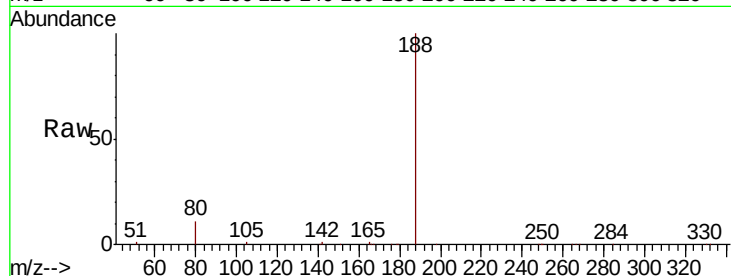
Tot Ion:188 Resp: 47396

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 9.0 13.6



#20

4-Bromophenyl-phenylether

Concen: 1.806 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

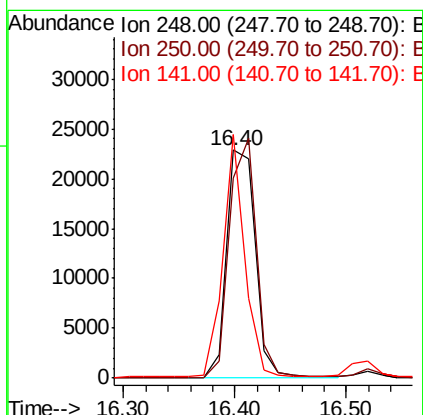
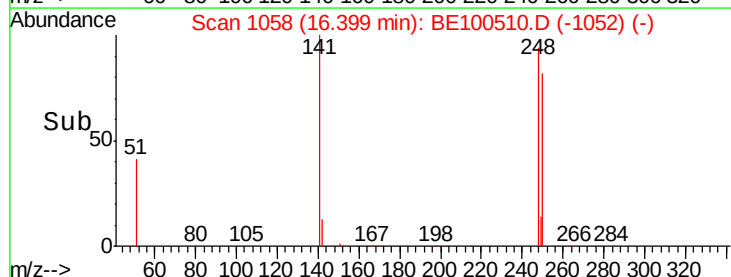
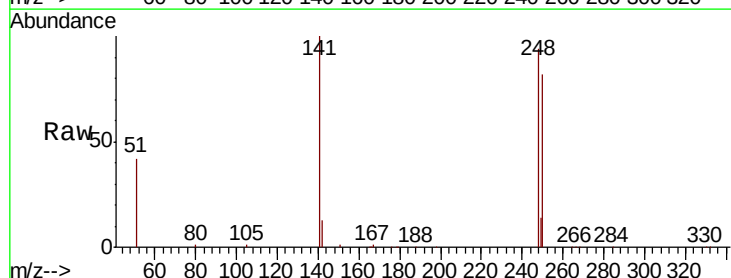
Tgt Ion:248 Resp: 40723

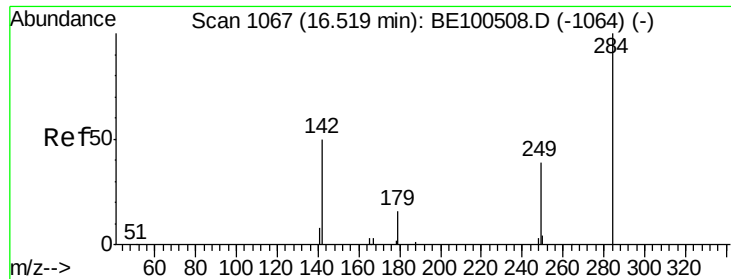
Ion Ratio Lower Upper

248 100

250 87.8 83.0 124.4

141 106.7 38.0 57.0#





#21

Hexachlorobenzene

Concen: 1.391 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

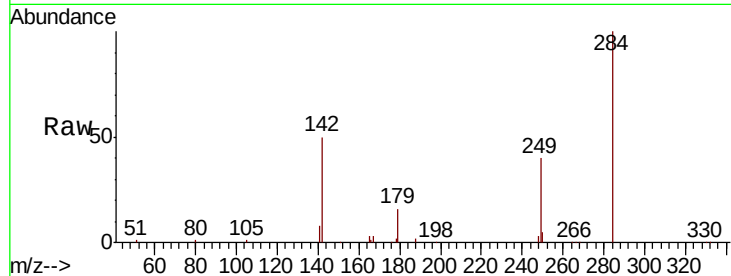
Tot Ion:284 Resp: 32288

Ion Ratio Lower Upper

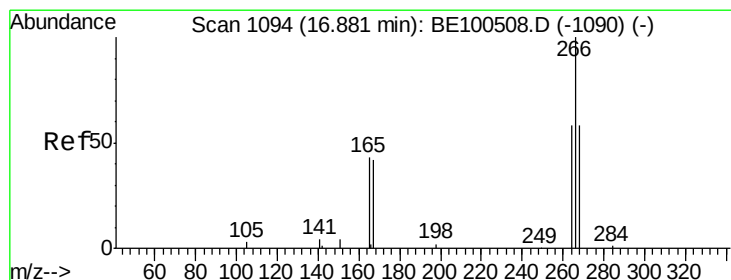
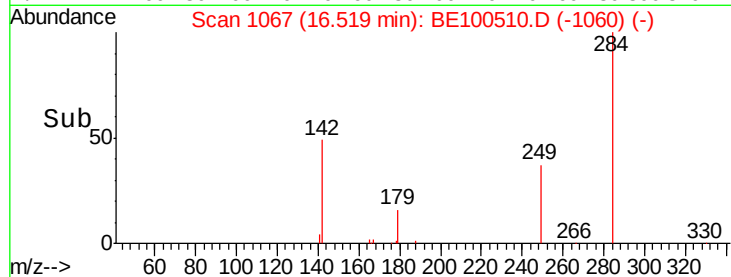
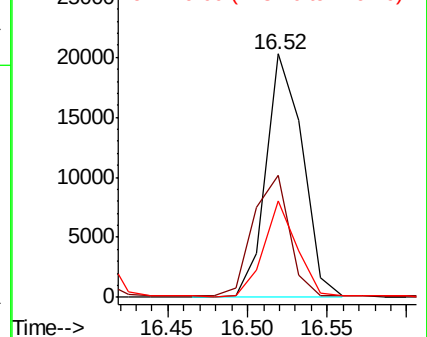
284 100

142 49.9 38.2 57.4

249 35.8 28.8 43.2



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: 0.973 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

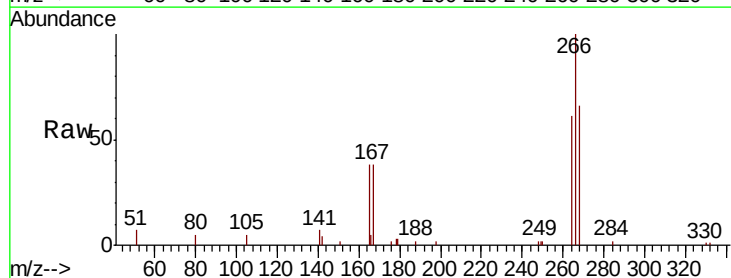
Tgt Ion:266 Resp: 9520

Ion Ratio Lower Upper

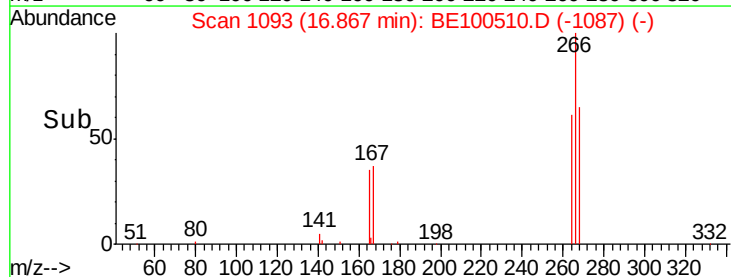
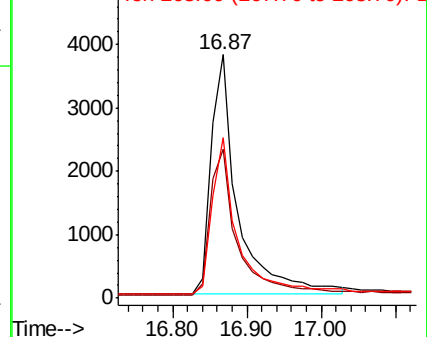
266 100

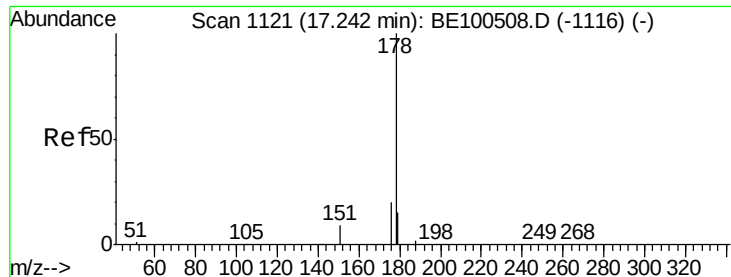
264 61.1 48.6 73.0

268 65.8 52.3 78.5



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

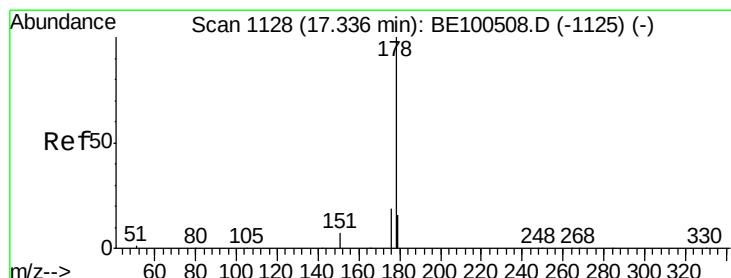
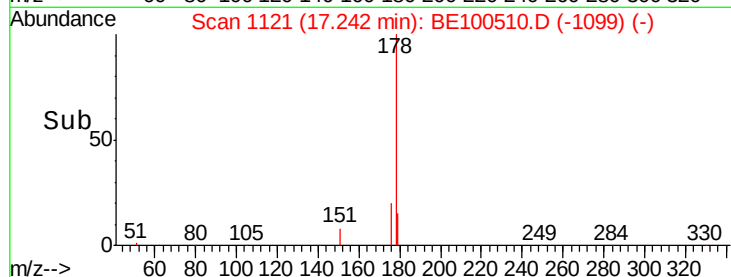
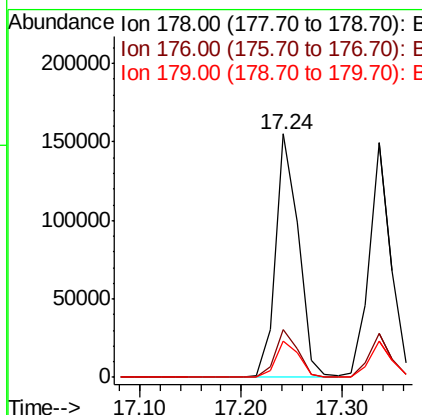
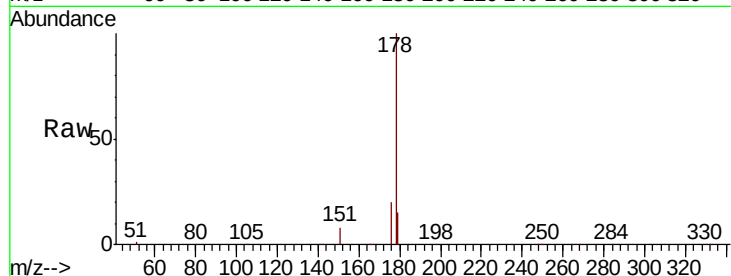




#23
Phenanthrene
Concen: 2.070 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

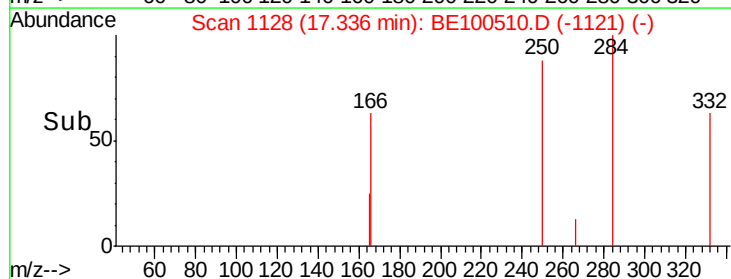
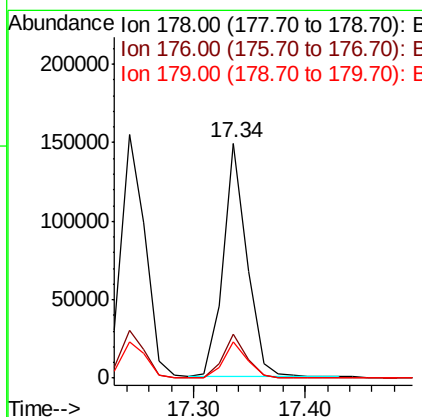
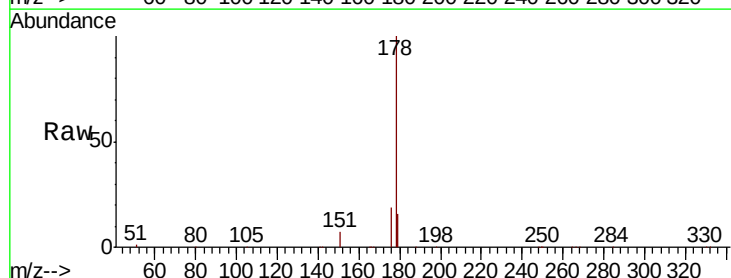
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

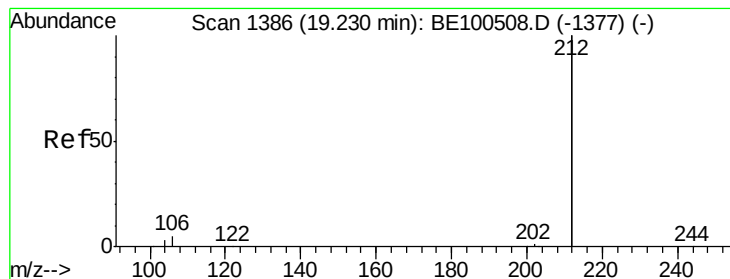
Tot Ion:178 Resp: 240445
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.3 12.4 18.6



#24
Anthracene
Concen: 1.994 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion:178 Resp: 220588
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.5 12.4 18.6





#25

Fluoranthene-d10

Concen: 1.628 ng

RT: 19.23 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

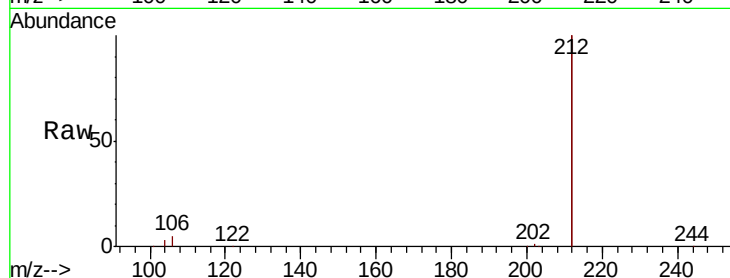
Tot Ion:212 Resp: 1056587

Ion Ratio Lower Upper

212 100

106 3.1 2.4 3.6

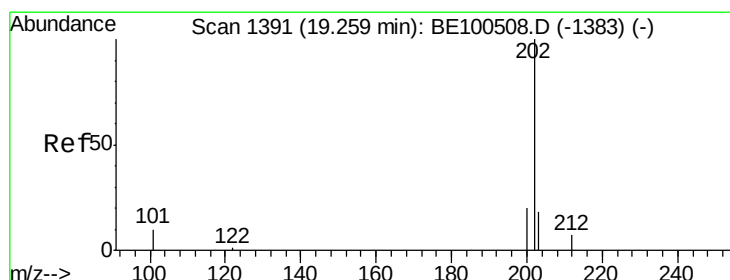
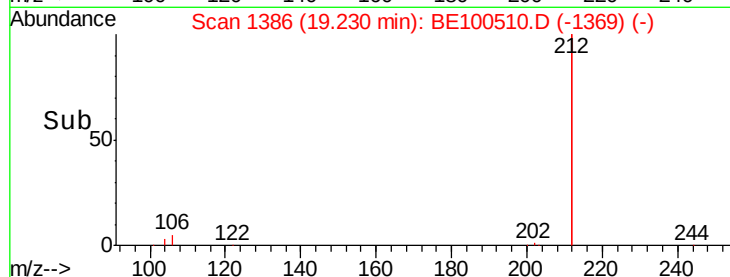
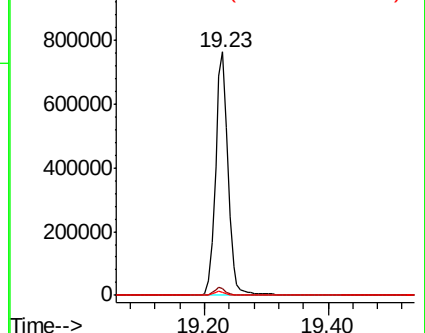
104 1.7 1.4 2.0



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: 1.823 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

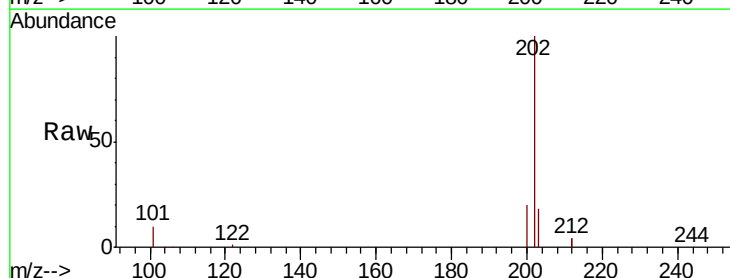
Tgt Ion:202 Resp: 304931

Ion Ratio Lower Upper

202 100

101 11.3 8.8 13.2

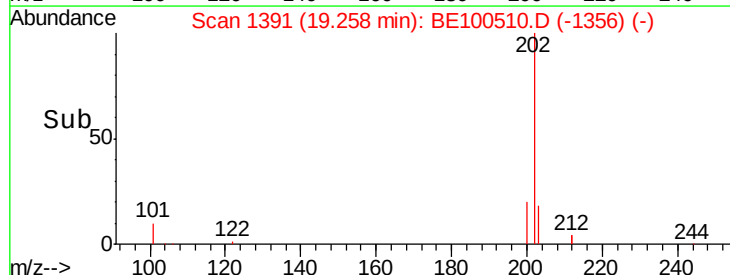
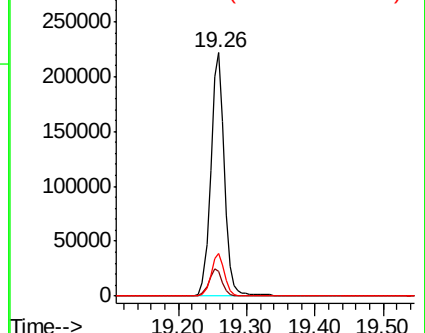
203 17.5 13.8 20.8

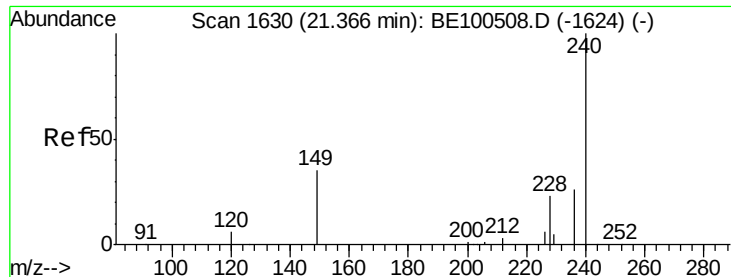


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

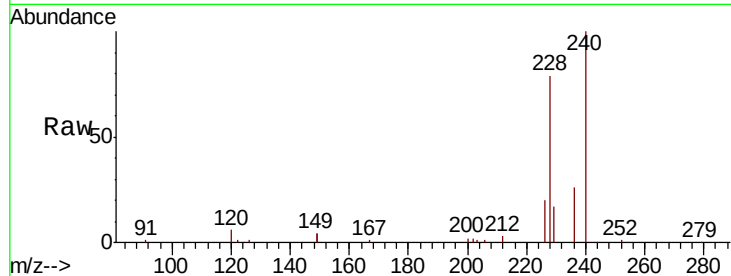
Tot Ion:240 Resp: 59116

Ion Ratio Lower Upper

240 100

120 6.4 5.1 7.7

236 26.5 20.9 31.3

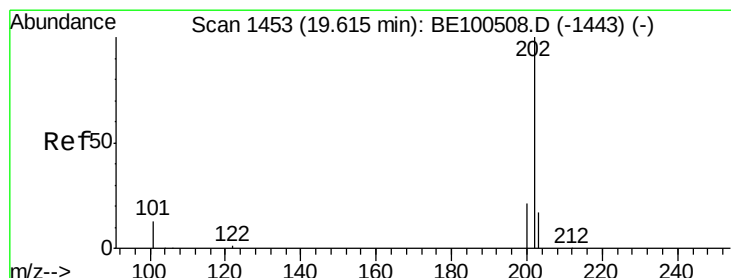
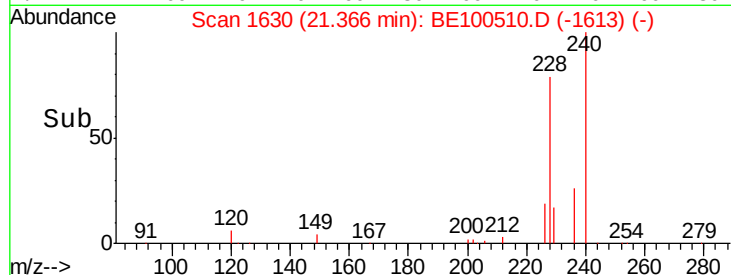
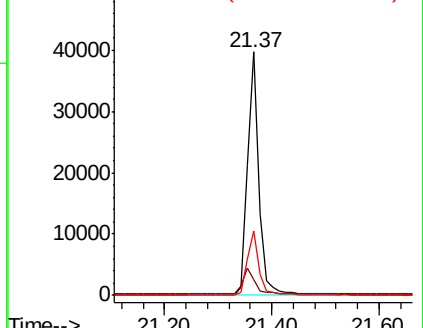


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 1.684 ng

RT: 19.61 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

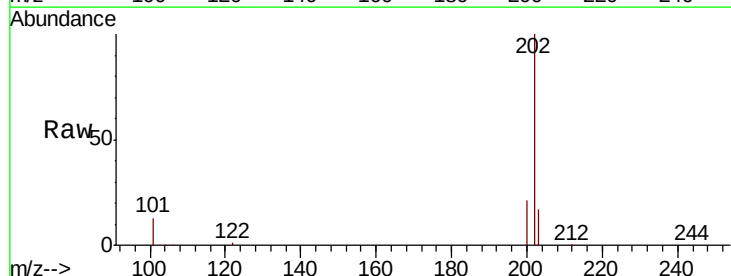
Tgt Ion:202 Resp: 310242

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

203 17.7 13.9 20.9

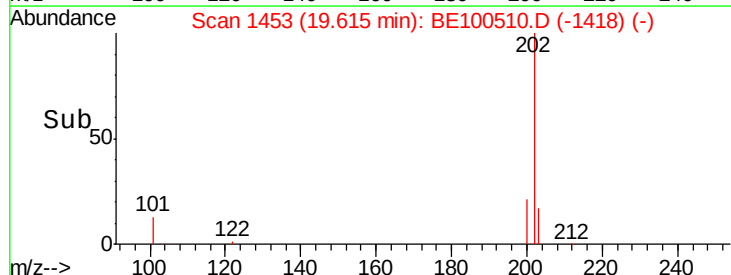
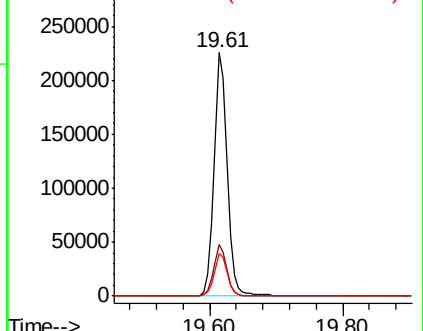


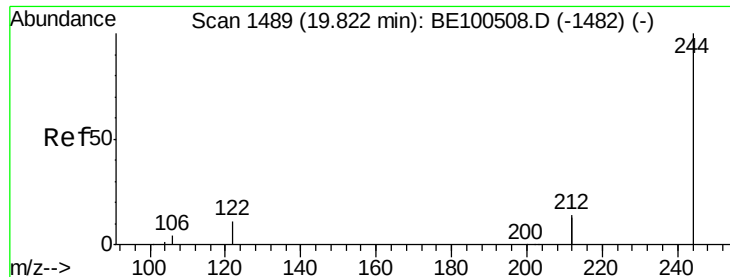
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.630 ng

RT: 19.82 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

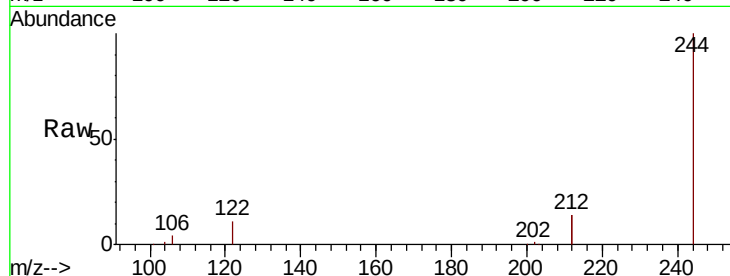
Tot Ion:244 Resp: 237941

Ion Ratio Lower Upper

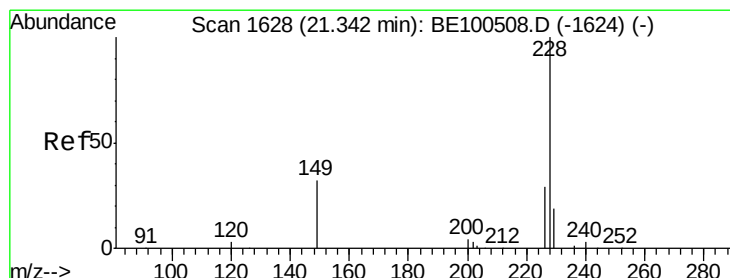
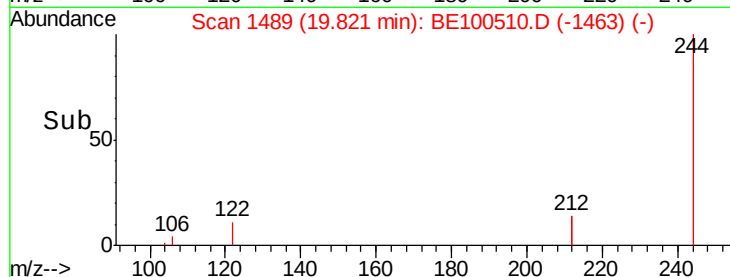
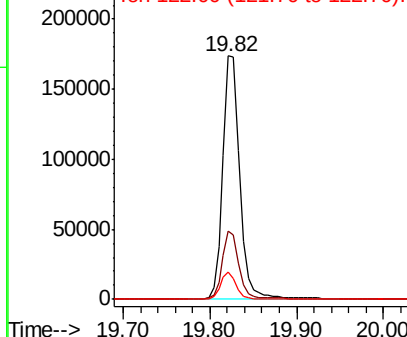
244 100

212 28.2 22.8 34.2

122 11.1 9.0 13.4



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: 1.787 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

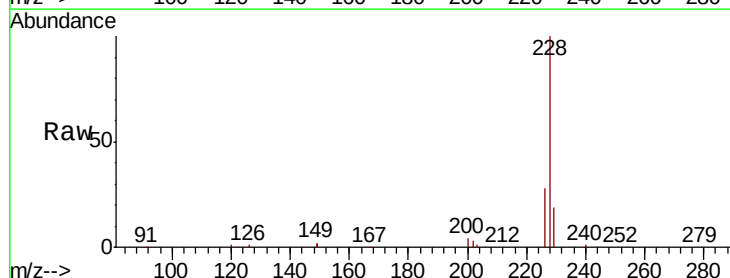
Tgt Ion:228 Resp: 322352

Ion Ratio Lower Upper

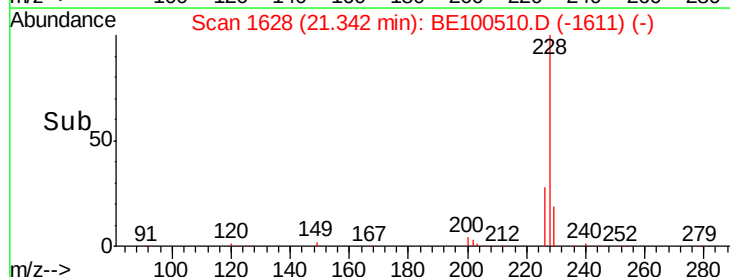
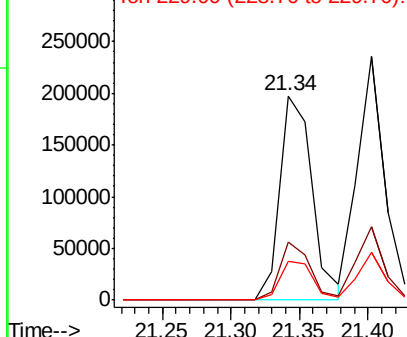
228 100

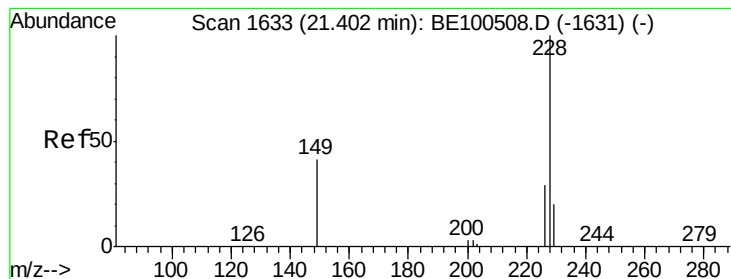
226 28.4 23.1 34.7

229 19.2 15.3 22.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.836 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

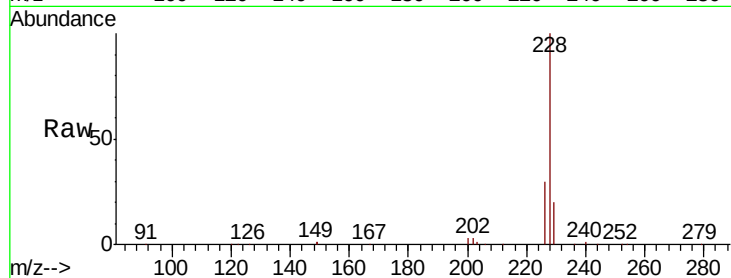
Tot Ion:228 Resp: 327226

Ion Ratio Lower Upper

228 100

226 30.0 23.1 34.7

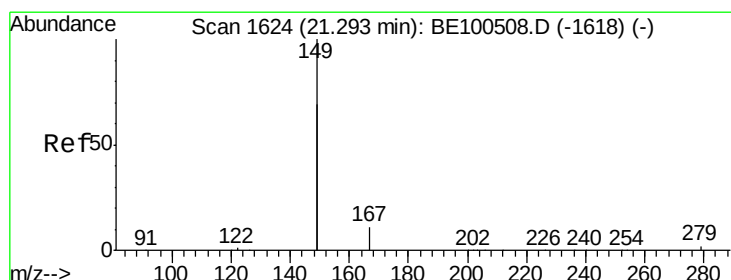
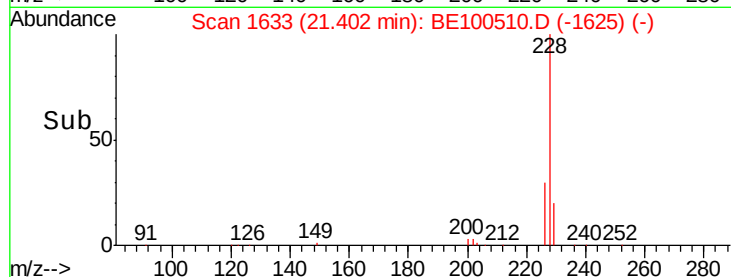
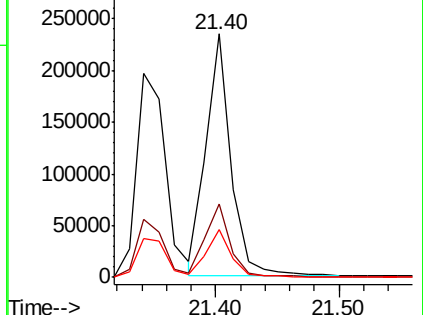
229 19.7 15.8 23.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.322 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

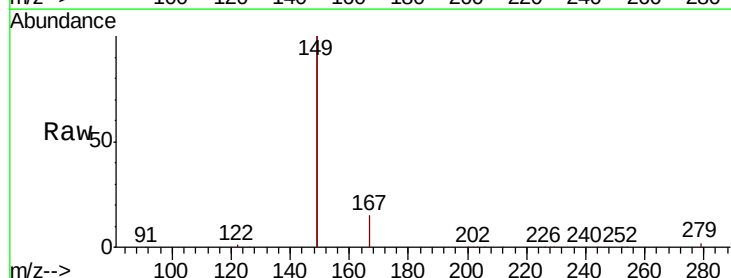
Tgt Ion:149 Resp: 547999

Ion Ratio Lower Upper

149 100

167 6.7 3.5 5.3#

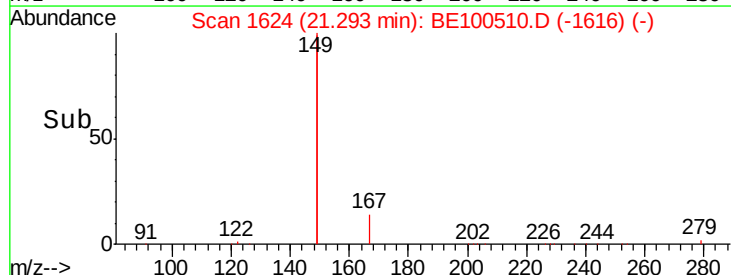
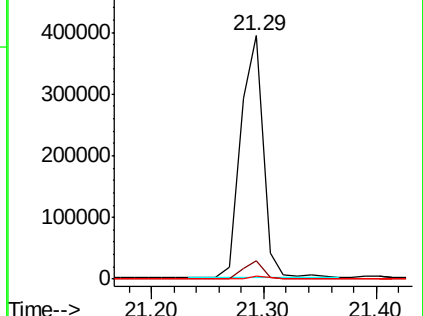
279 1.0 0.6 0.8#

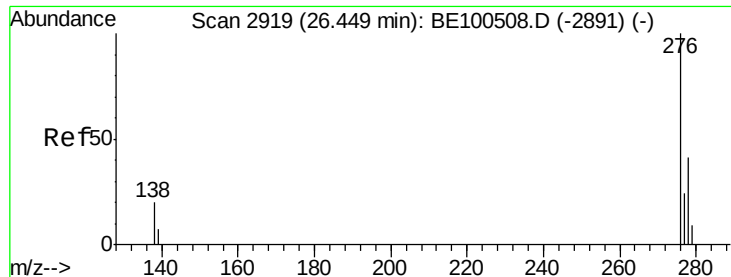


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.991 ng

RT: 26.45 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

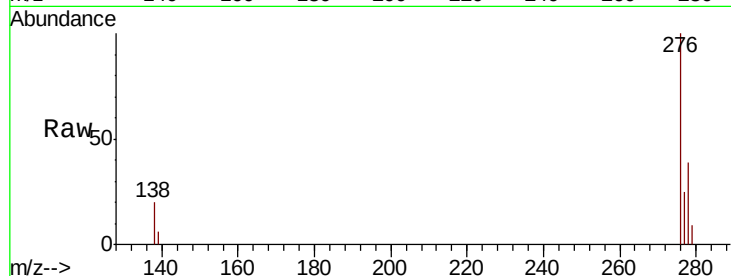
Tot Ion:276 Resp: 386737

Ion Ratio Lower Upper

276 100

138 22.6 17.8 26.8

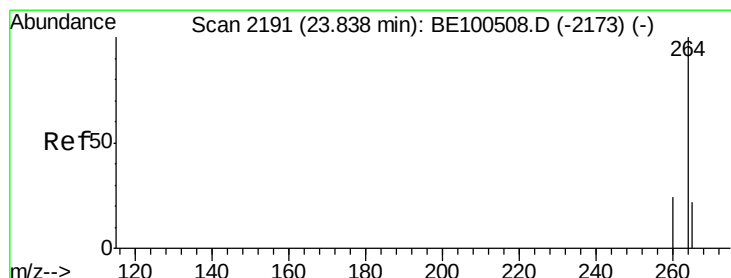
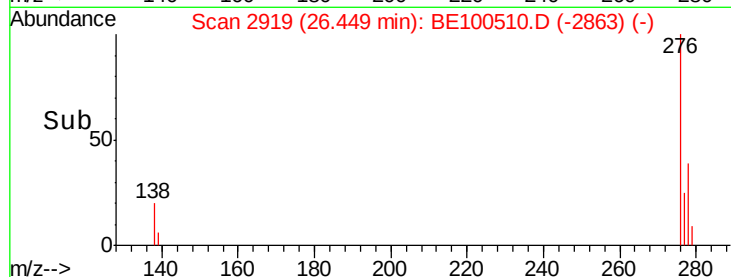
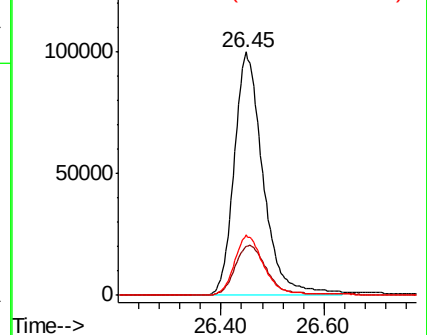
277 25.0 19.0 28.6



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: 23.84 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

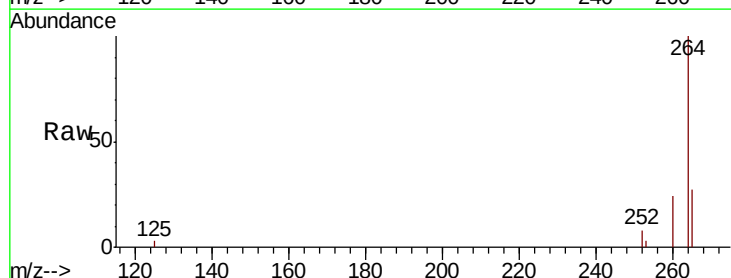
Tgt Ion:264 Resp: 63393

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

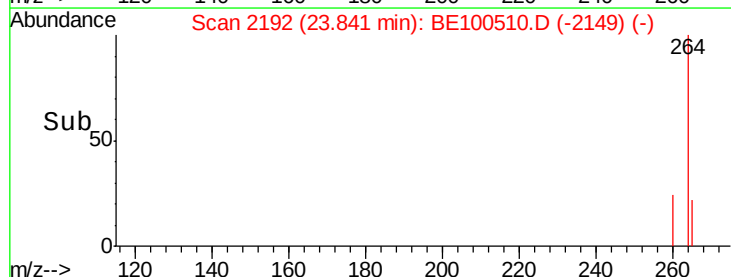
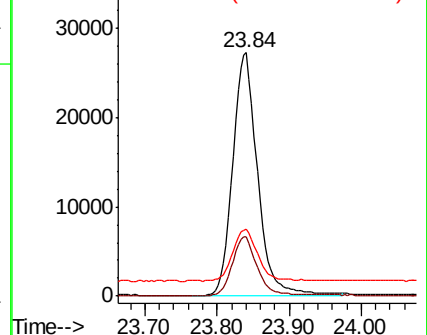
265 27.5 23.0 34.4

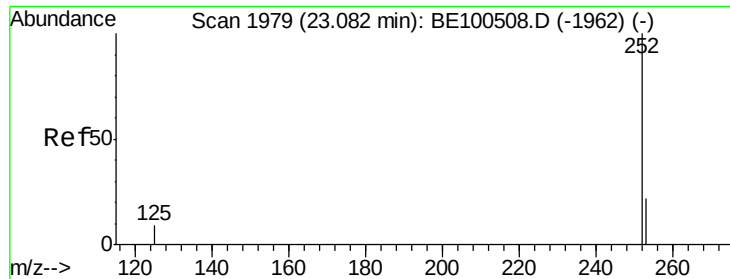


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

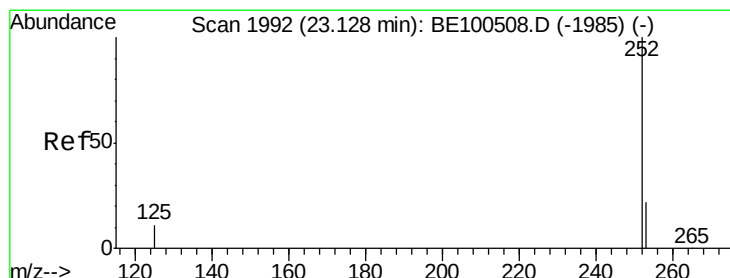
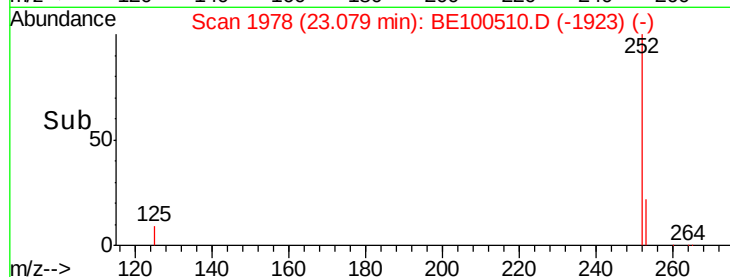
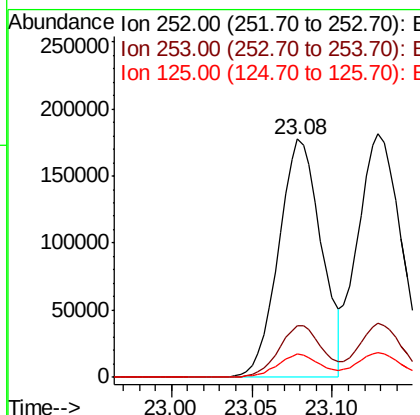
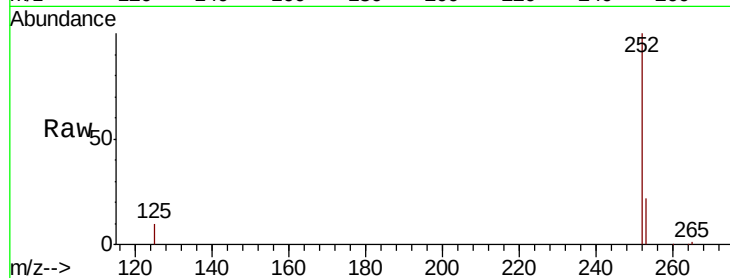




#35
Benzo(b)fluoranthene
Concen: 1.882 ng
RT: 23.08 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

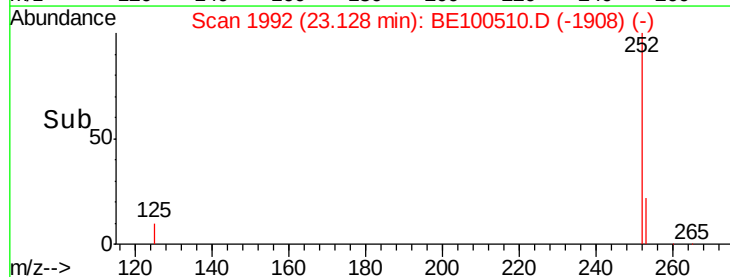
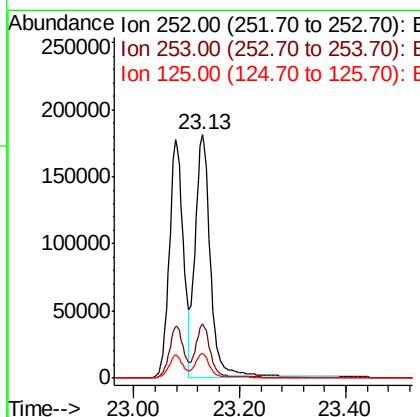
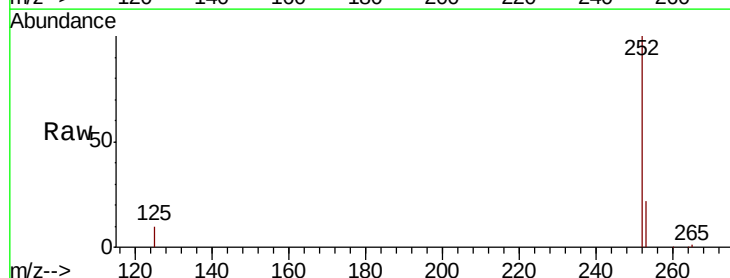
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

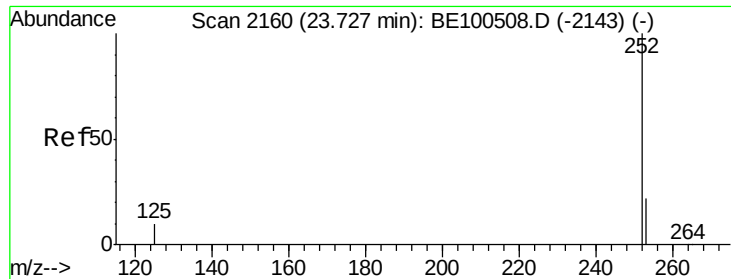
Tot Ion:252 Resp: 326688
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 9.7 8.6 13.0



#36
Benzo(k)fluoranthene
Concen: 2.017 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion:252 Resp: 367154
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 9.9 9.3 13.9





#37

Benzo(a)pyrene

Concen: 1.842 ng

RT: 23.73 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

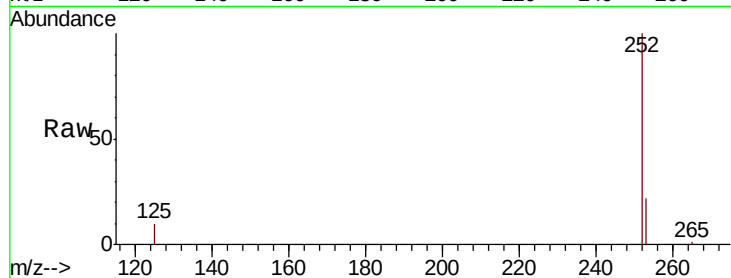
Tot Ion:252 Resp: 310674

Ion Ratio Lower Upper

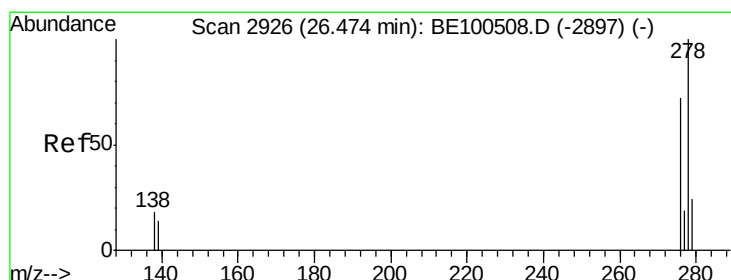
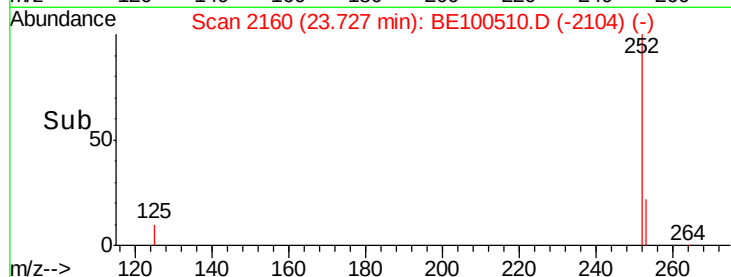
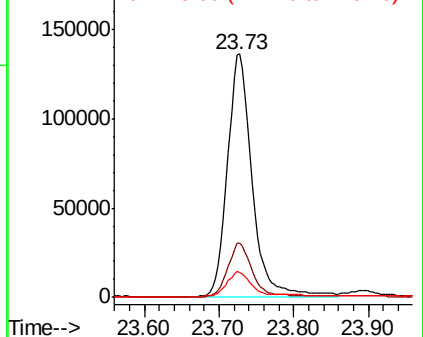
252 100

253 22.2 18.0 27.0

125 10.3 9.7 14.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 2.006 ng

RT: 26.48 min Scan# 2927

Delta R.T. 0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

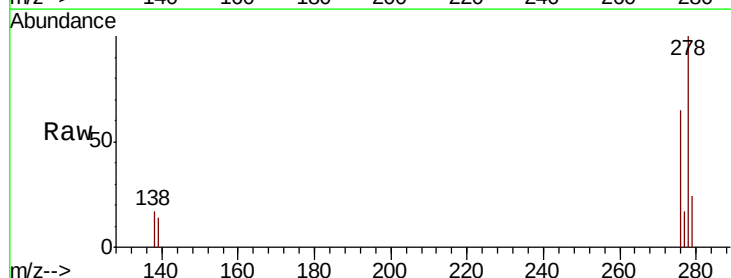
Tgt Ion:278 Resp: 319808

Ion Ratio Lower Upper

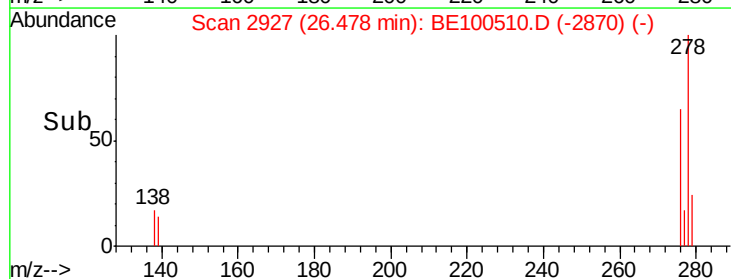
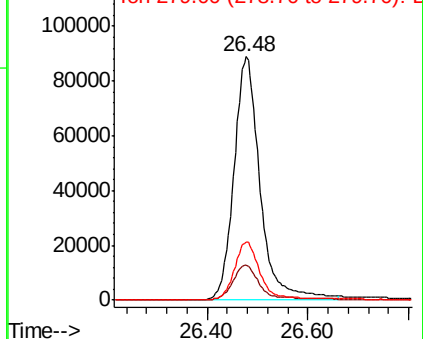
278 100

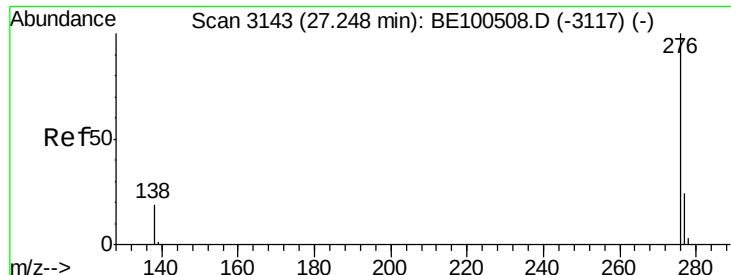
139 14.4 12.1 18.1

279 23.9 19.8 29.6



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: 1.976 ng

RT: 27.25 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BE100510.D

Acq: 18 Sep 2019 16:54

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

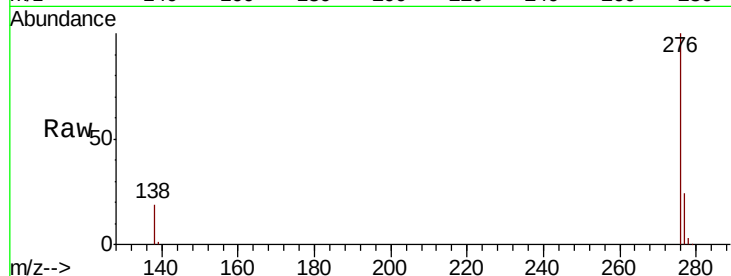
Tot Ion:276 Resp: 322364

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 19.3 16.0 24.0



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

