

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
 Data File : BE100966.D
 Acq On : 24 Dec 2019 9:50
 Operator : JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Dec 24 11:28:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 11:19:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2105	0.40	ng	0.01
7) Naphthalene-d8	10.54	136	11398	0.40	ng	0.01
13) Acenaphthene-d10	14.38	164	7135	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	15479	0.40	ng	0.00
27) Chrysene-d12	21.29	240	15081	0.40	ng	0.00
34) Perylene-d12	23.73	264	20756	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	465	0.12	ng	0.00
5) Phenol-d6	7.01	99	366	0.08	ng	0.02
8) Nitrobenzene-d5	8.92	82	564	0.09	ng	0.01
11) 2-Methylnaphthalene-d10	12.14	152	3333	0.19	ng	0.01
14) 2,4,6-Tribromophenol	15.88	330	210	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	4787	0.19	ng	0.01
25) Fluoranthene-d10	19.15	212	34871	0.18	ng	0.00
29) Terphenyl-d14	19.76	244	6614	0.19	ng	0.00

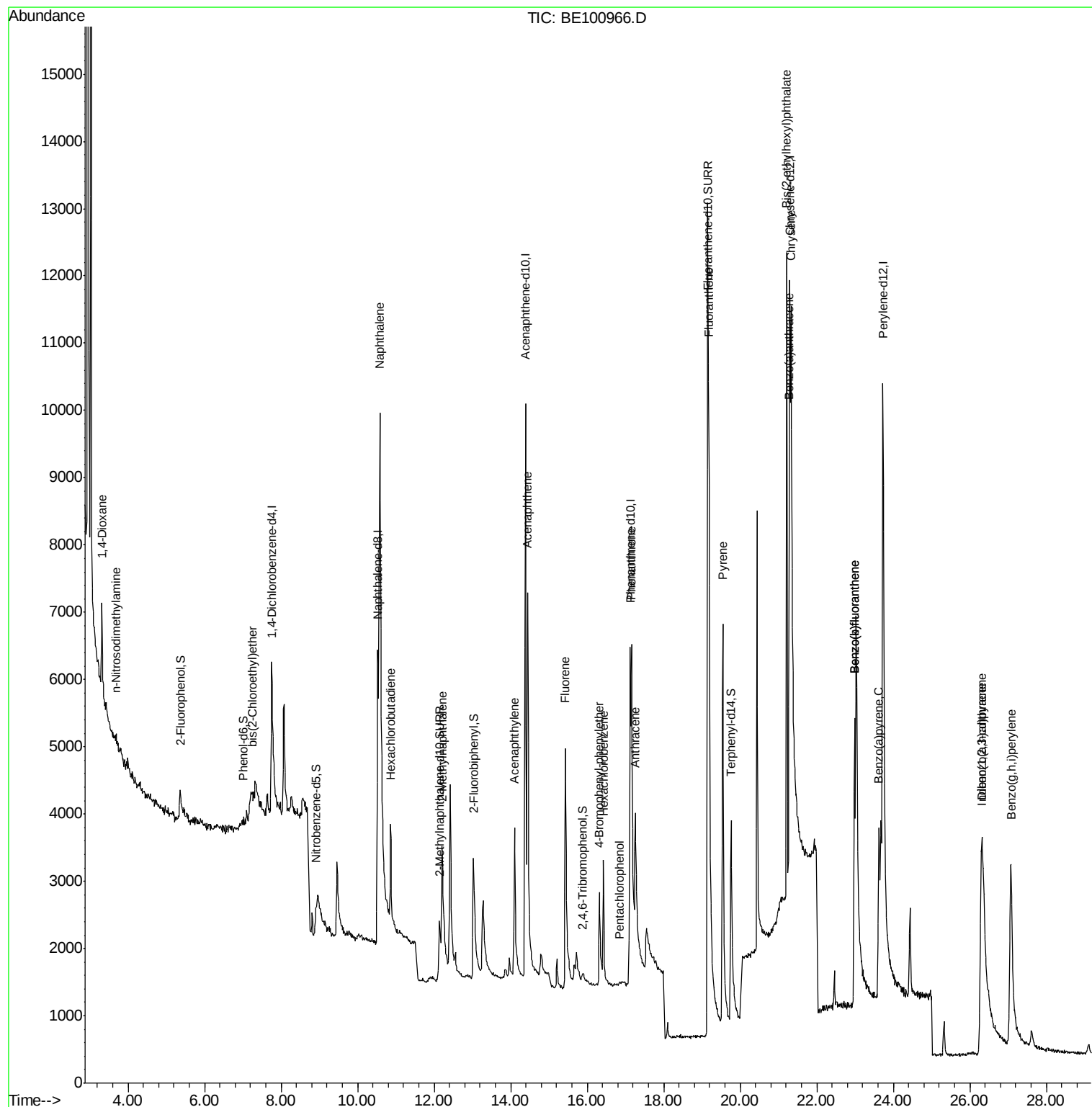
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	1793	0.224	ng	# 89
3) n-Nitrosodimethylamine	3.68	42	227	0.099	ng	# 71
6) bis(2-Chloroethyl)ether	7.25	93	1675	0.311	ng	# 1
9) Naphthalene	10.57	128	23032	0.187	ng	99
10) Hexachlorobutadiene	10.86	225	1132	0.215	ng	98
12) 2-Methylnaphthalene	12.21	142	3008	0.174	ng	96
16) Acenaphthylene	14.10	152	4470	0.152	ng	99
17) Acenaphthene	14.44	154	3603	0.180	ng	97
18) Fluorene	15.42	166	4202	0.166	ng	99
20) 4-Bromophenyl-phenylether	16.32	248	1304	0.189	ng	# 86
21) Hexachlorobenzene	16.42	284	1535	0.196	ng	98
22) Pentachlorophenol	16.84	266	44	0.038	ng	92
23) Phenanthrene	17.16	178	7208	0.179	ng	99
24) Anthracene	17.25	178	3721	0.137	ng	99
26) Fluoranthene	19.18	202	9755	0.174	ng	100
28) Pyrene	19.54	202	10348	0.192	ng	99
30) Benzo(a)anthracene	21.28	228	5969	0.151	ng	98
31) Chrysene	21.33	228	9193	0.185	ng	98
32) Bis(2-ethylhexyl)phthalate	21.21	149	14786	0.119	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.30	276	9223	0.177	ng	# 88
35) Benzo(b)fluoranthene	22.99	252	6935	0.151	ng	# 93
36) Benzo(k)fluoranthene	22.99	252	6935	0.113	ng	96
37) Benzo(a)pyrene	23.63	252	9022	0.172	ng	# 92
38) Dibenzo(a,h)anthracene	26.33	278	7171	0.162	ng	# 82
39) Benzo(g,h,i)perylene	27.08	276	9940	0.182	ng	97

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

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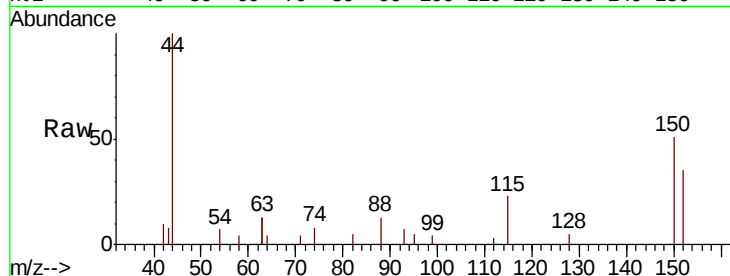


#1

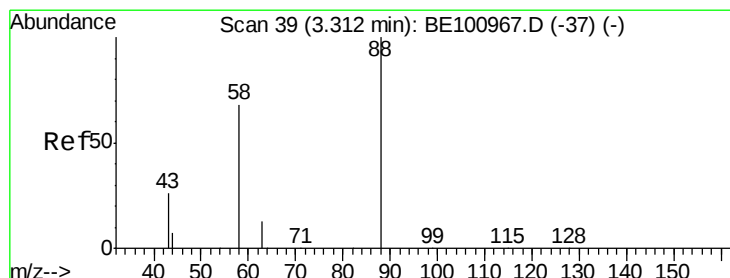
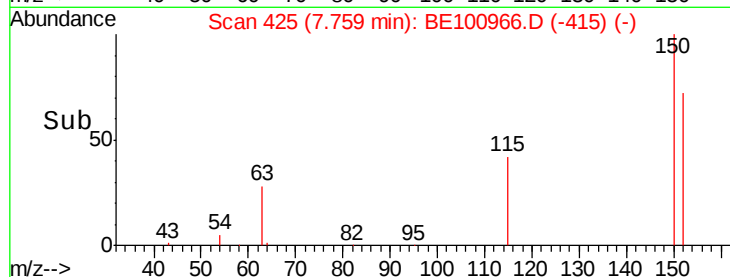
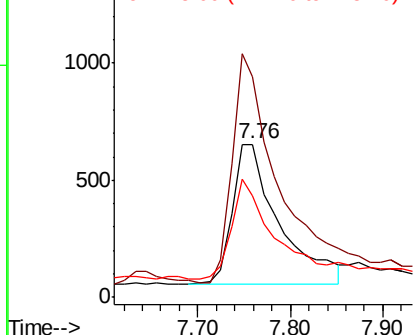
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.01 min
Lab File: BE100966.D
Acq: 24 Dec 2019 9:50

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:152 Resp: 2105
Ion Ratio Lower Upper
152 100
150 144.4 132.6 199.0
115 66.5 64.1 96.1



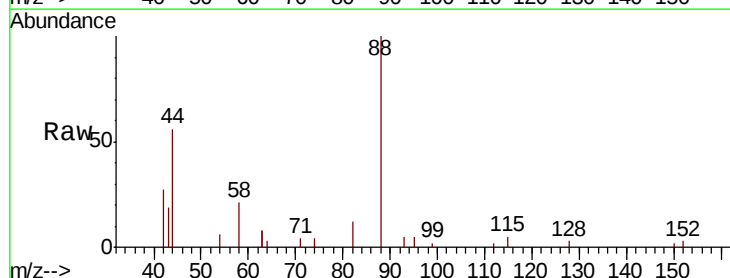
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



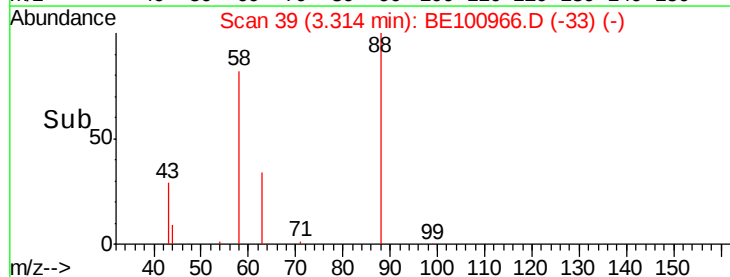
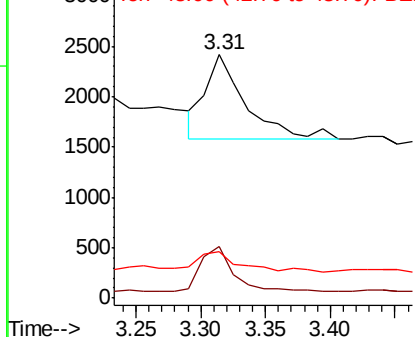
#2

1,4-Dioxane
Concen: 0.224 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100966.D
Acq: 24 Dec 2019 9:50

Tgt Ion: 88 Resp: 1793
Ion Ratio Lower Upper
88 100
58 44.1 44.2 66.4#
43 26.9 21.0 31.6



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: 0.099 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.01 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

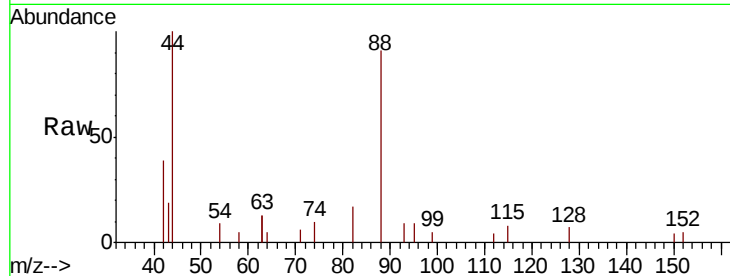
Tot Ion: 42 Resp: 227

Ion Ratio Lower Upper

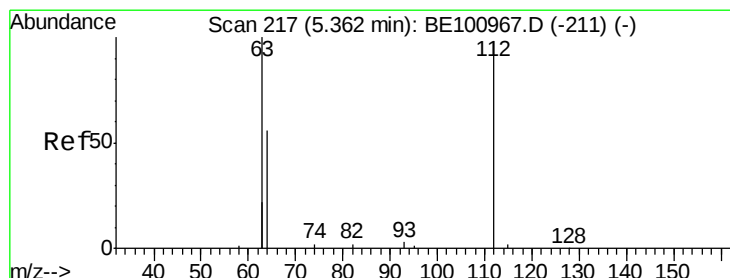
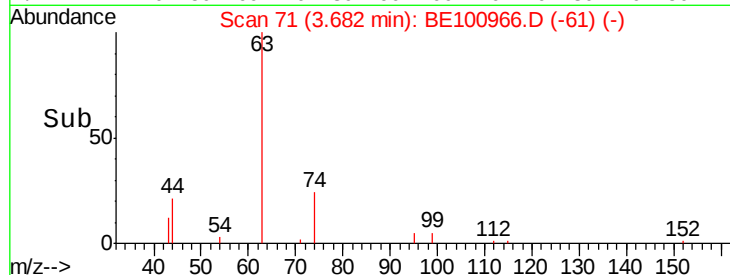
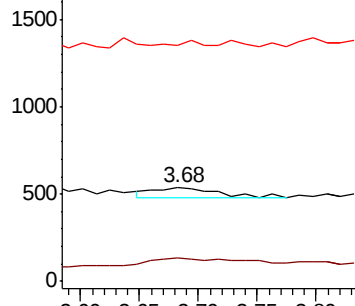
42 100

74 110.1 116.6 174.8#

44 22.0 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.124 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

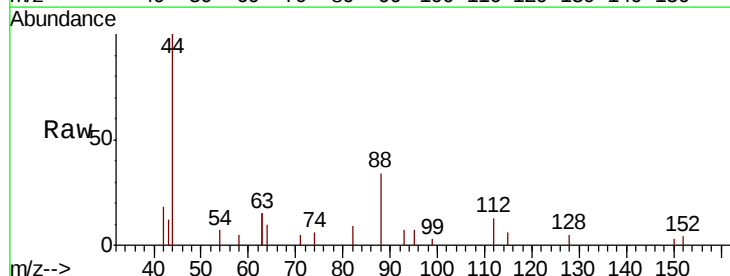
Tgt Ion: 112 Resp: 465

Ion Ratio Lower Upper

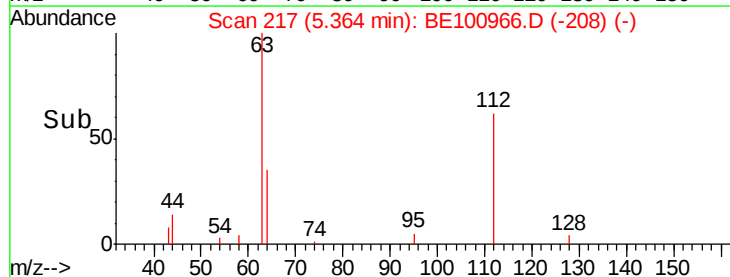
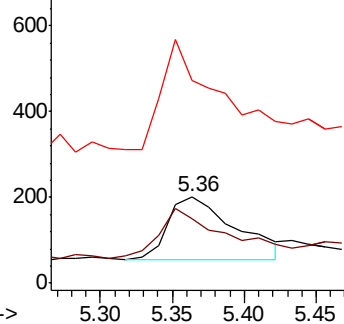
112 100

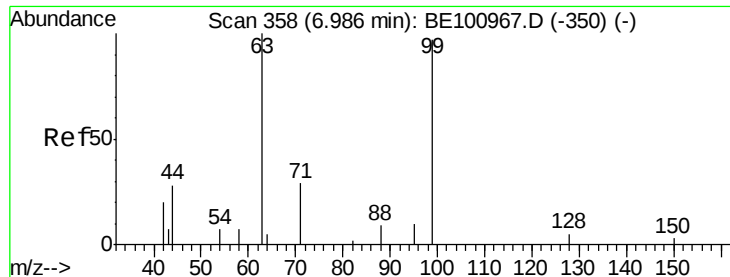
64 77.2 59.0 88.6

63 155.5 121.4 182.0



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: 0.080 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

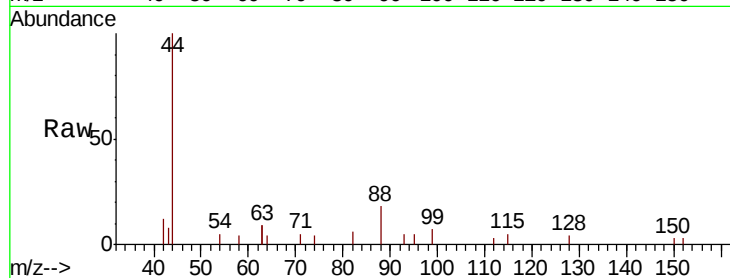
Tot Ion: 99 Resp: 366

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

71 0.0 0.0 0.0



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

300

250

200

150

100

50

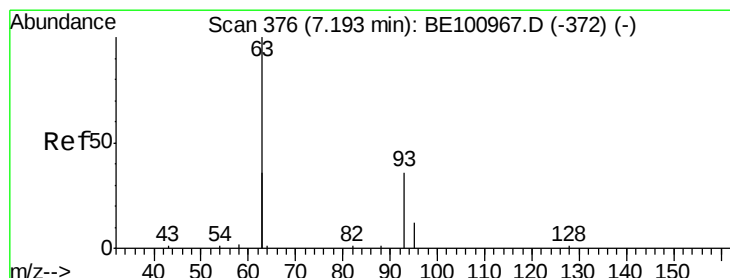
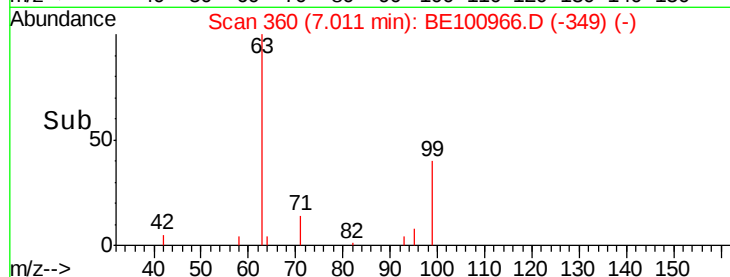
0

6.90

7.00

7.10

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.311 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.06 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

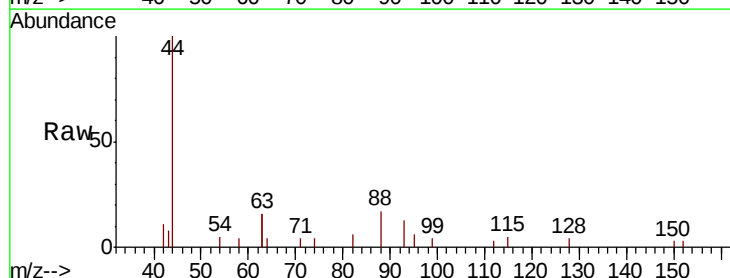
Tgt Ion: 93 Resp: 1675

Ion Ratio Lower Upper

93 100

63 0.0 228.3 342.5#

95 0.0 25.9 38.9#



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

800

600

400

200

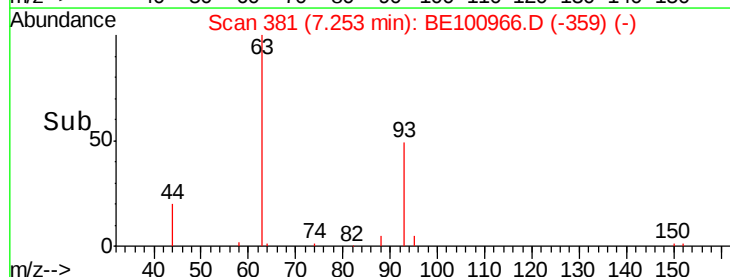
0

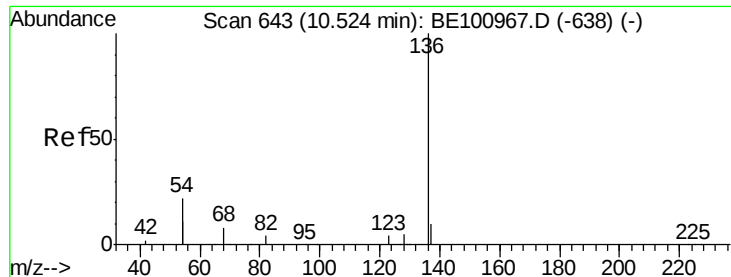
7.00

7.20

7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.01 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 11398

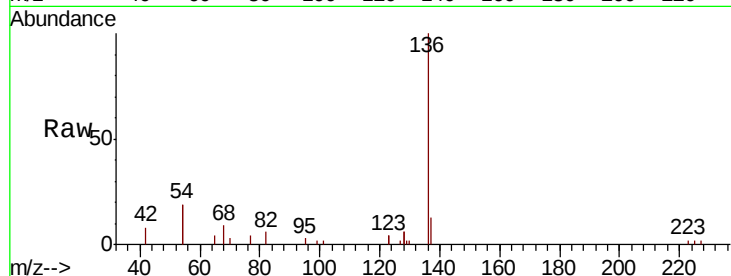
Ion Ratio Lower Upper

136 100

137 12.6 9.0 13.6

54 38.8 34.4 51.6

68 8.9 7.8 11.6

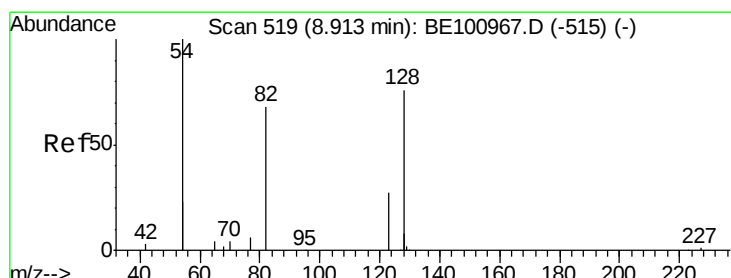
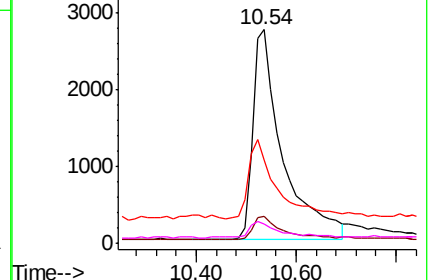
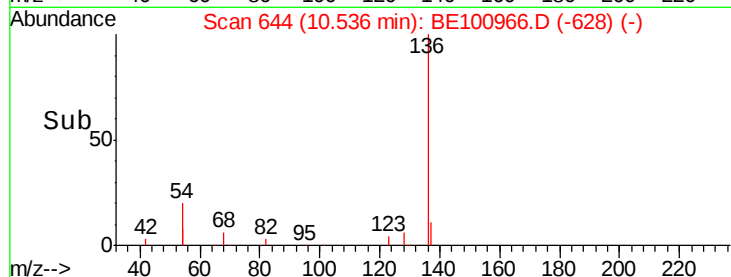


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.094 ng

RT: 8.92 min Scan# 520

Delta R.T. 0.01 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

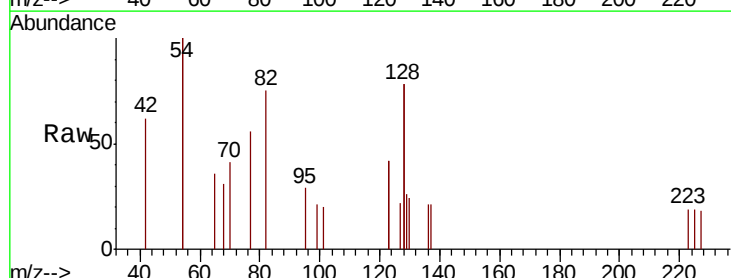
Tgt Ion: 82 Resp: 564

Ion Ratio Lower Upper

82 100

128 208.0 140.2 210.2

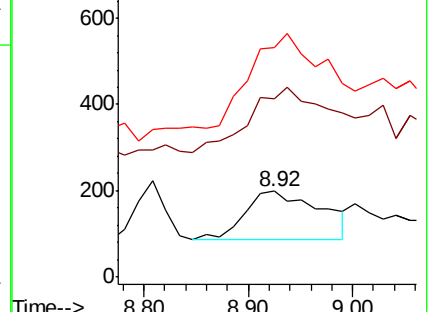
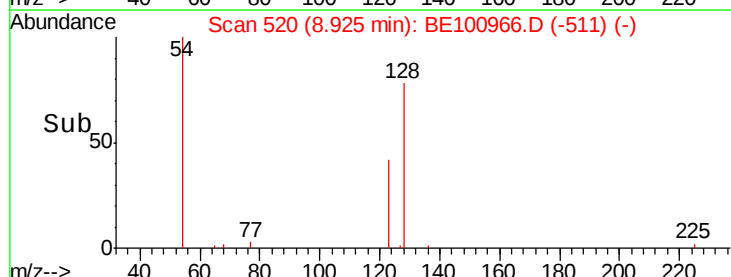
54 267.3 183.8 275.6

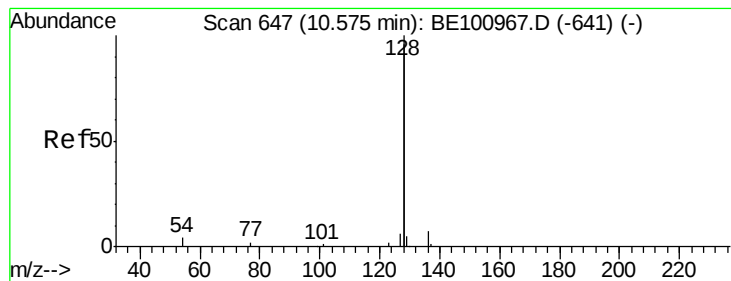


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.187 ng

RT: 10.57 min Scan# 647

Delta R.T. -0.00 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

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SSTDIC0.2

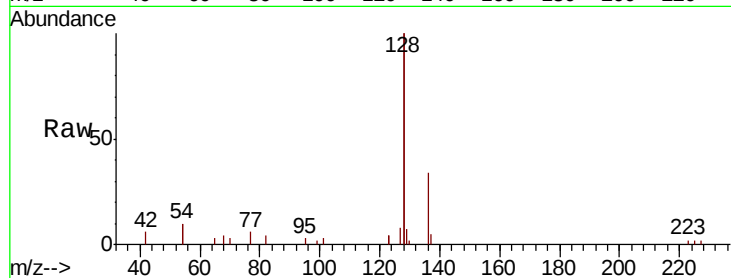
Tot Ion:128 Resp: 23032

Ion Ratio Lower Upper

128 100

129 3.7 2.6 3.8

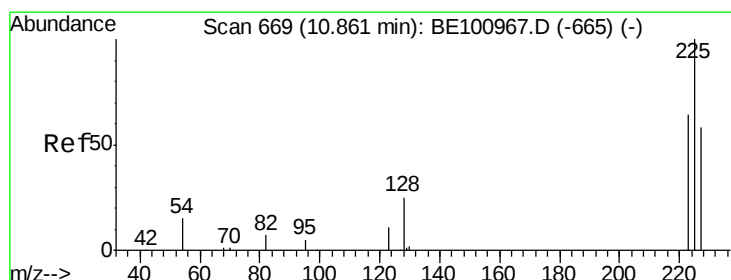
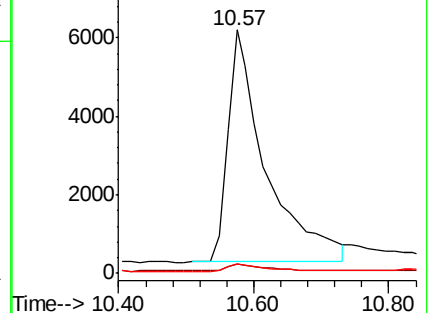
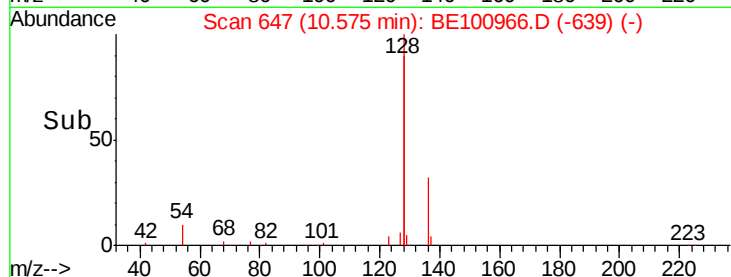
127 3.8 2.8 4.2



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: 0.215 ng

RT: 10.86 min Scan# 669

Delta R.T. -0.00 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

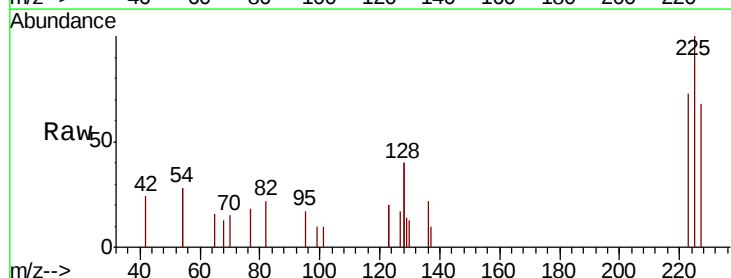
Tgt Ion:225 Resp: 1132

Ion Ratio Lower Upper

225 100

223 61.7 51.4 77.0

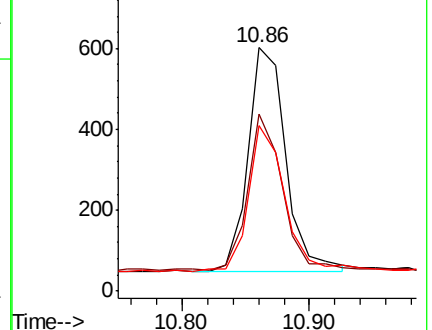
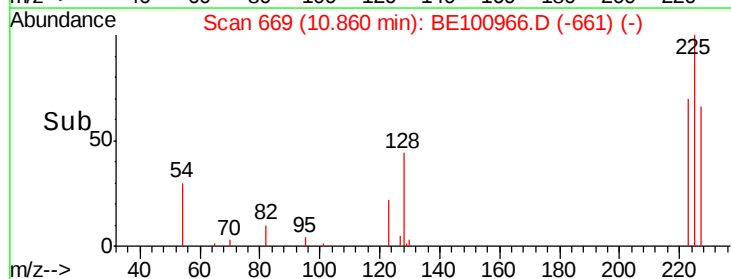
227 62.2 50.2 75.2

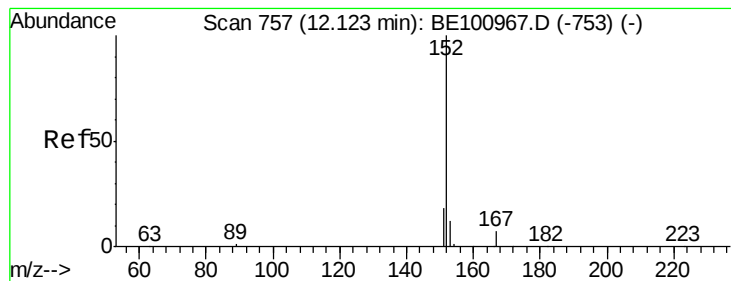


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.194 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.01 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

Instrument :

BNA_E

ClientSampleId :

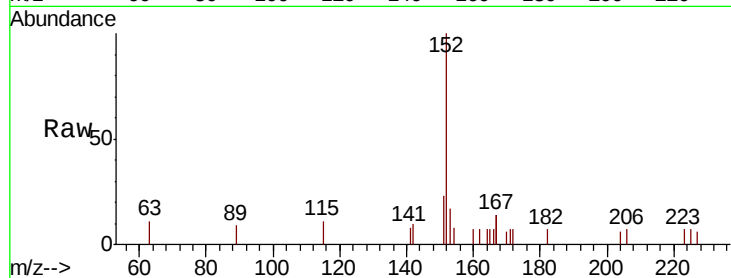
SSTDIC0.2

Tot Ion:152 Resp: 3333

Ion Ratio Lower Upper

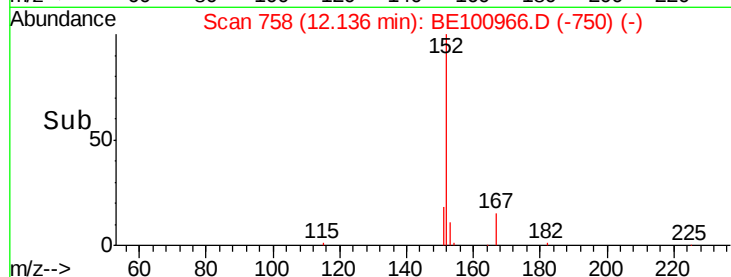
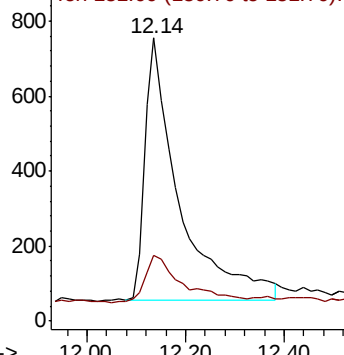
152 100

151 19.1 15.1 22.7

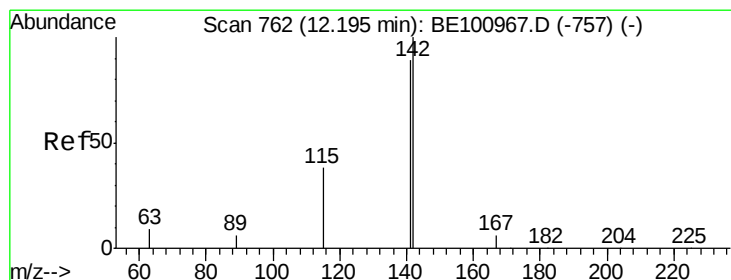


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#12

2-Methylnaphthalene

Concen: 0.174 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

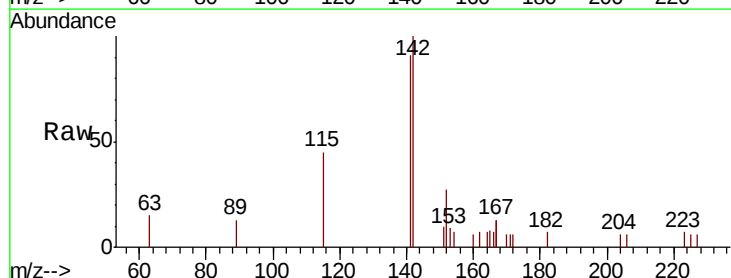
Tgt Ion:142 Resp: 3008

Ion Ratio Lower Upper

142 100

141 90.8 70.8 106.2

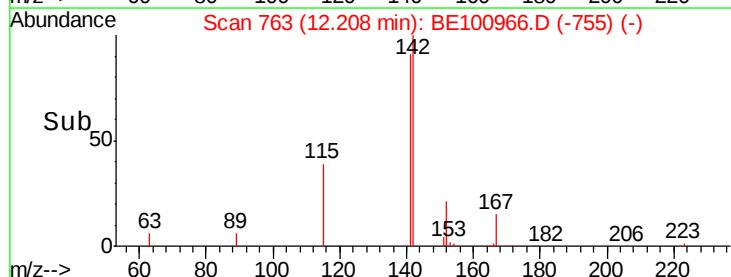
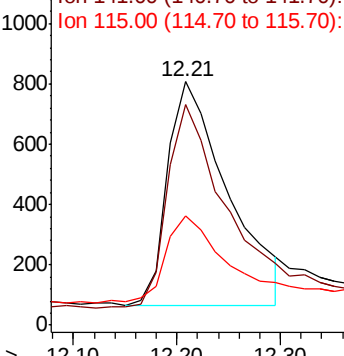
115 45.0 32.0 48.0



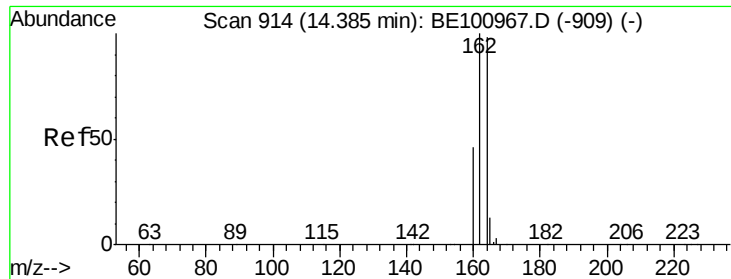
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



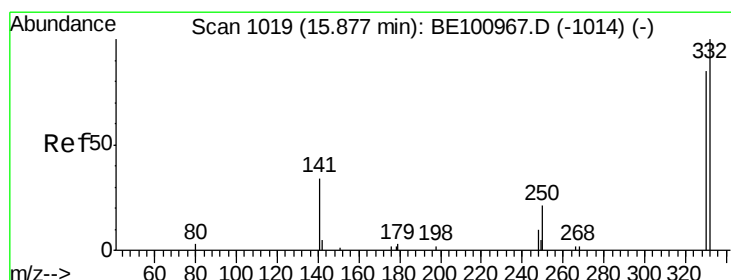
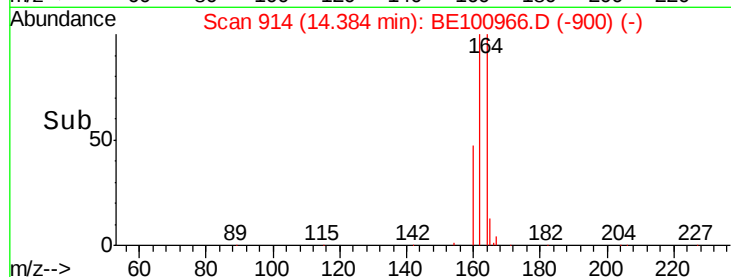
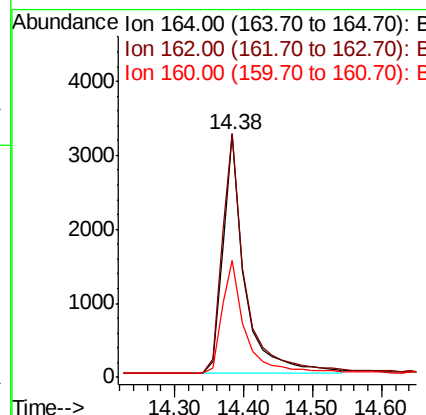
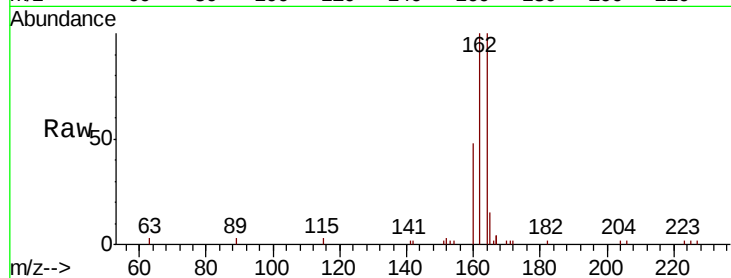
Time-->



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100966.D
Acq: 24 Dec 2019 9:50

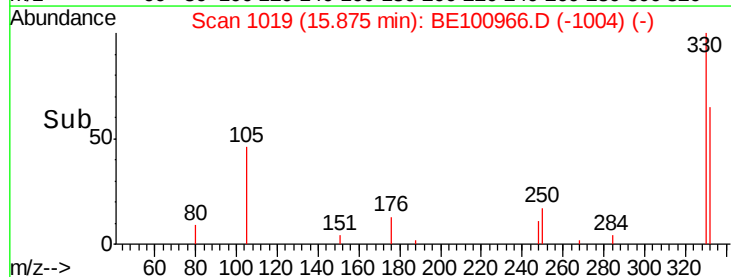
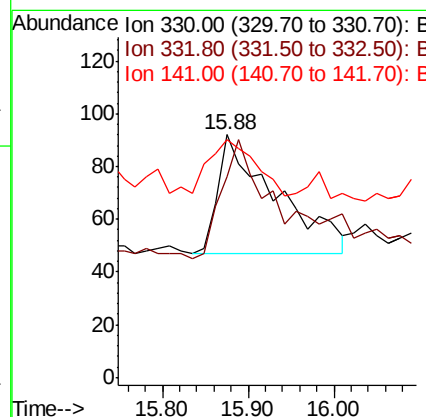
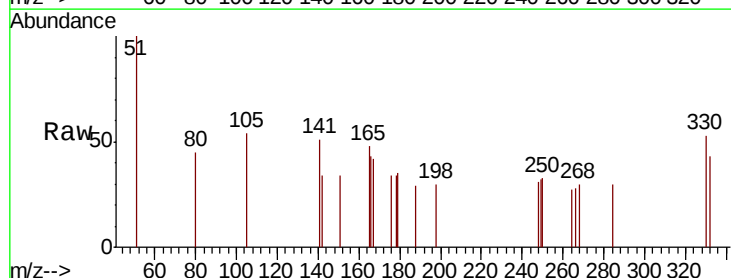
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

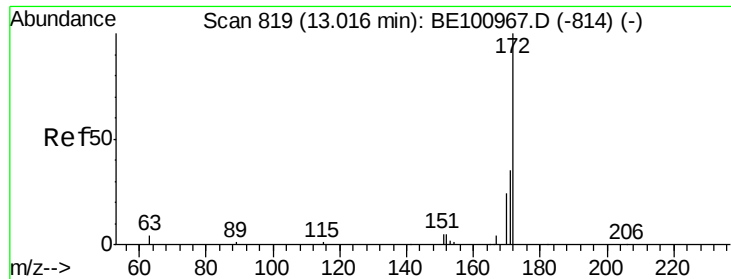
Tot Ion:164 Resp: 7135
Ion Ratio Lower Upper
164 100
162 99.9 81.6 122.4
160 48.0 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.120 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100966.D
Acq: 24 Dec 2019 9:50

Tgt Ion:330 Resp: 210
Ion Ratio Lower Upper
330 100
332 106.7 72.4 108.6
141 37.1 25.4 38.2

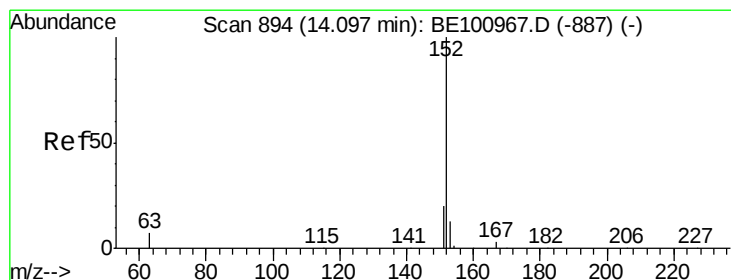
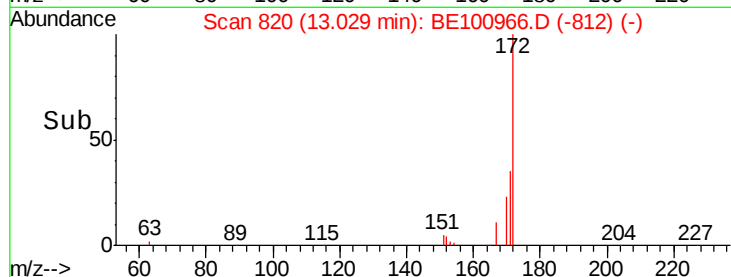
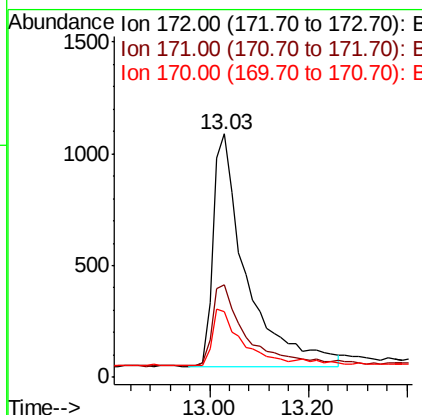
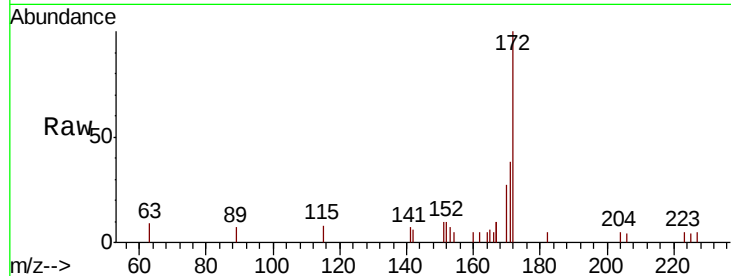




#15
2-Fluorobiphenyl
Concen: 0.190 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.01 min
Lab File: BE100966.D
Acq: 24 Dec 2019 9:50

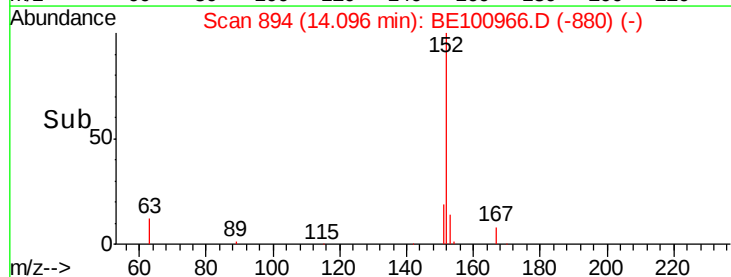
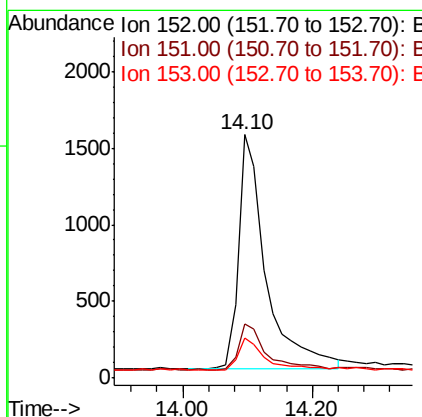
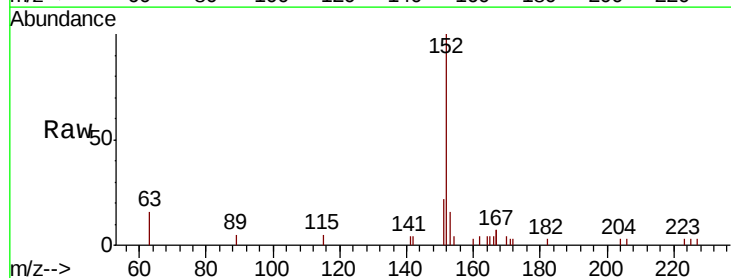
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

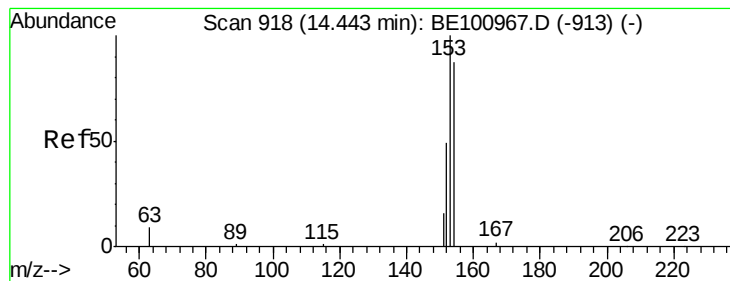
Tot Ion:172 Resp: 4787
Ion Ratio Lower Upper
172 100
171 38.1 29.0 43.6
170 26.8 20.0 30.0



#16
Acenaphthylene
Concen: 0.152 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100966.D
Acq: 24 Dec 2019 9:50

Tgt Ion:152 Resp: 4470
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.5 10.5 15.7





#17

Acenaphthene

Concen: 0.180 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.00 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

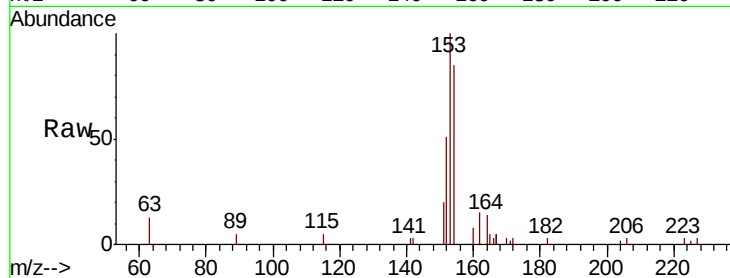
Tot Ion:154 Resp: 3603

Ion Ratio Lower Upper

154 100

153 117.7 91.7 137.5

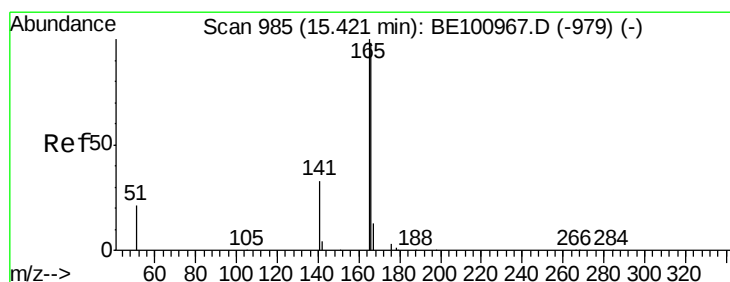
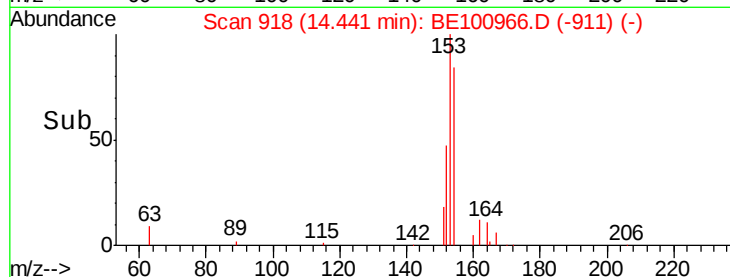
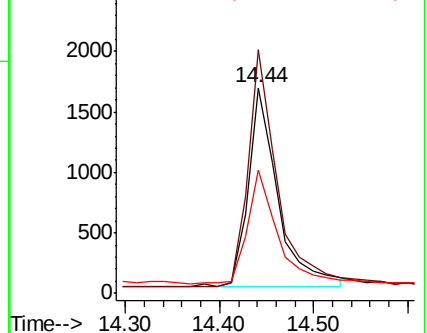
152 57.4 44.5 66.7



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: 0.166 ng

RT: 15.42 min Scan# 985

Delta R.T. -0.00 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

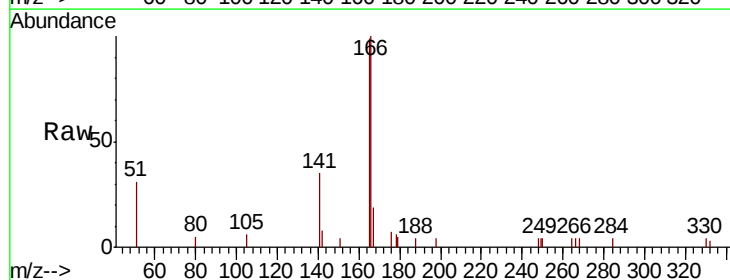
Tgt Ion:166 Resp: 4202

Ion Ratio Lower Upper

166 100

165 99.9 79.4 119.0

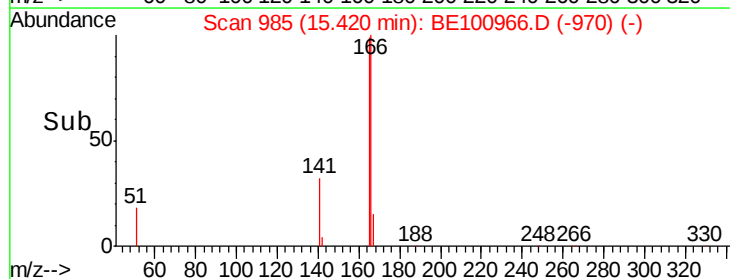
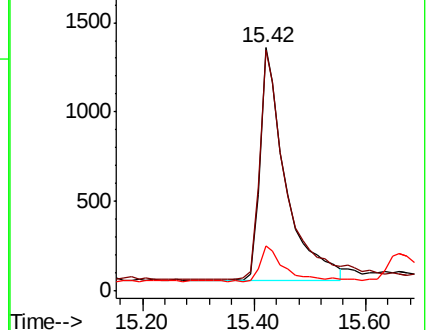
167 15.2 10.6 15.8

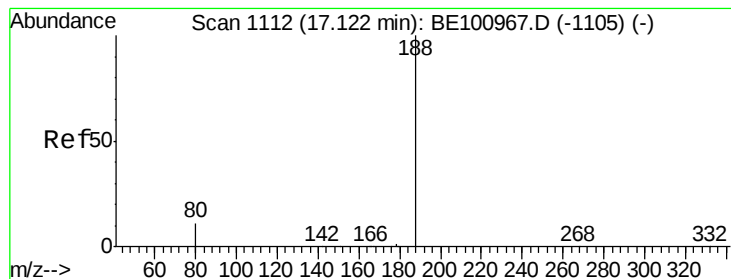


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.12 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

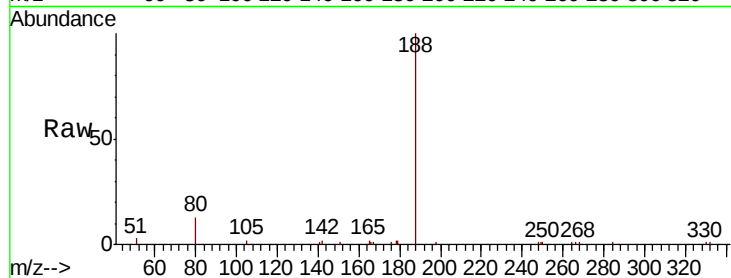
Tot Ion:188 Resp: 15479

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

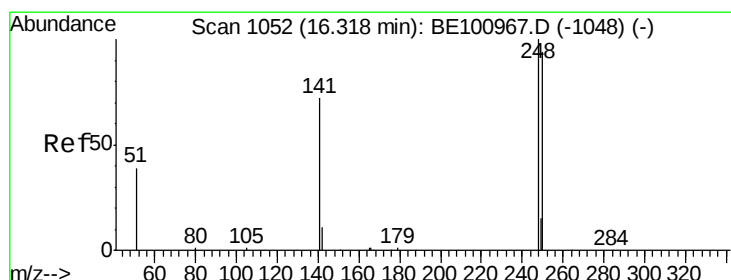
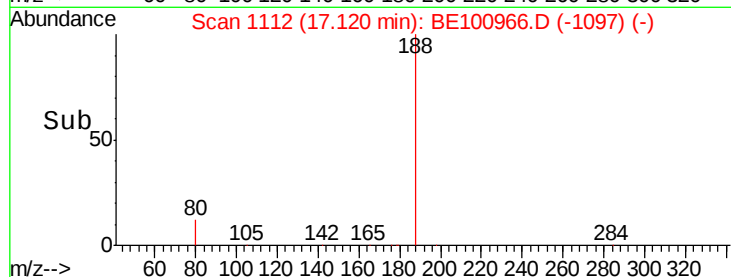
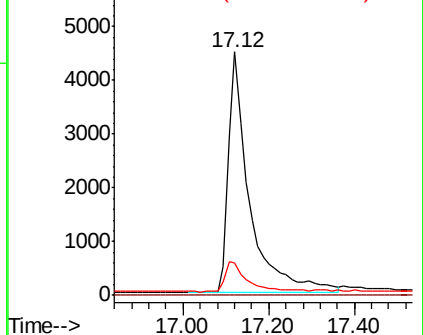
80 13.2 9.7 14.5



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: 0.189 ng

RT: 16.32 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

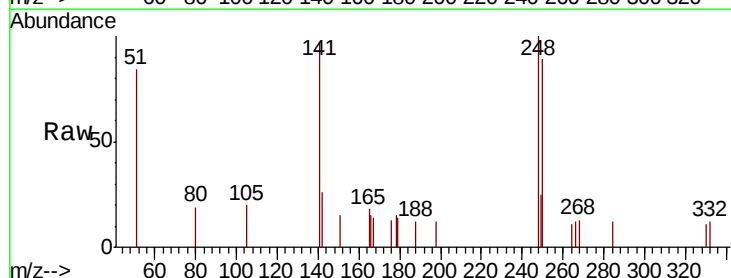
Tgt Ion:248 Resp: 1304

Ion Ratio Lower Upper

248 100

250 88.6 76.0 114.0

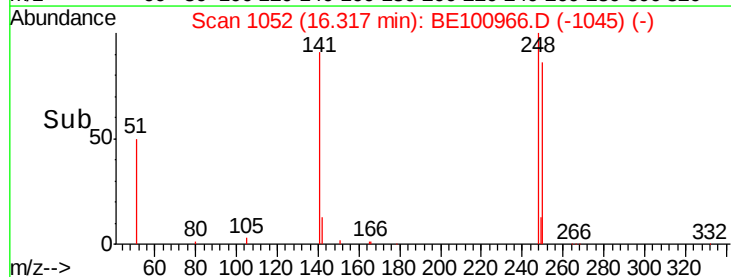
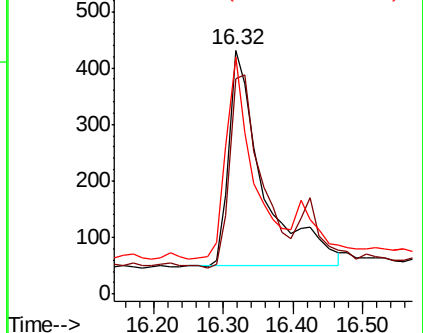
141 97.2 61.0 91.6#

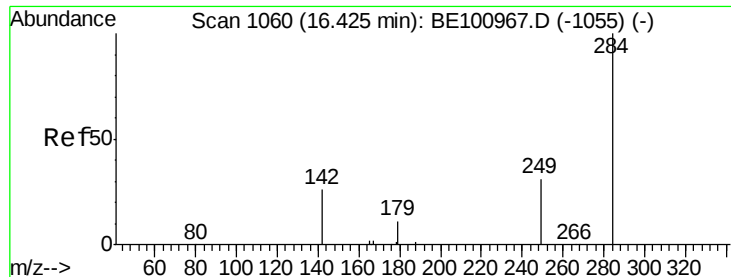


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.196 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

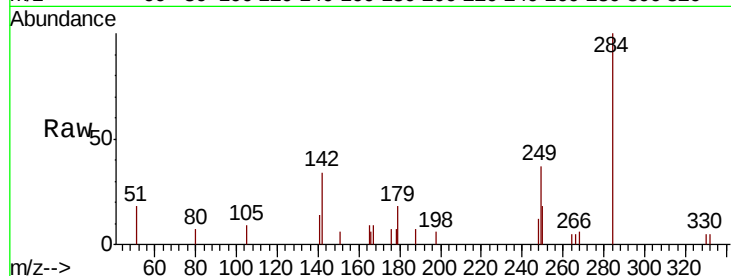
Tot Ion:284 Resp: 1535

Ion Ratio Lower Upper

284 100

142 40.3 33.3 49.9

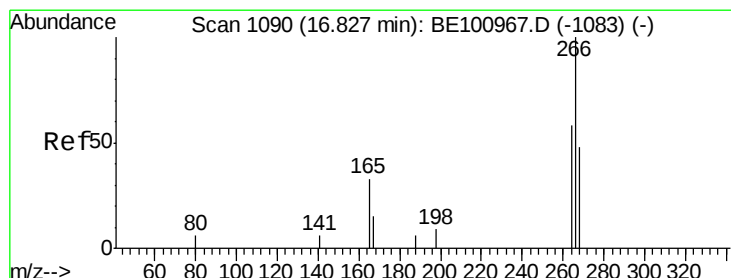
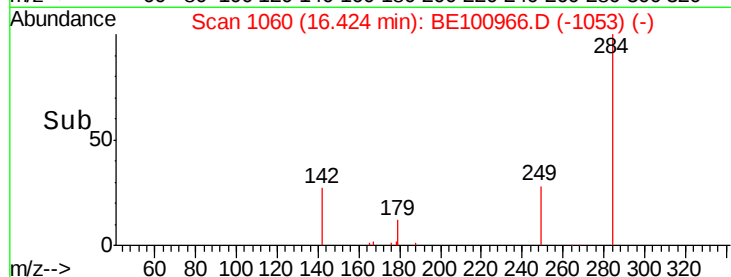
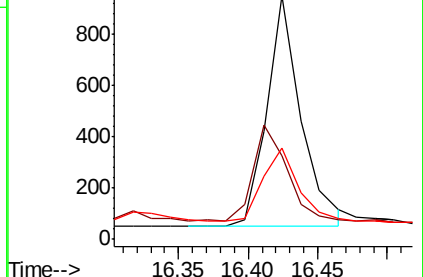
249 32.5 27.2 40.8



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: 0.038 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

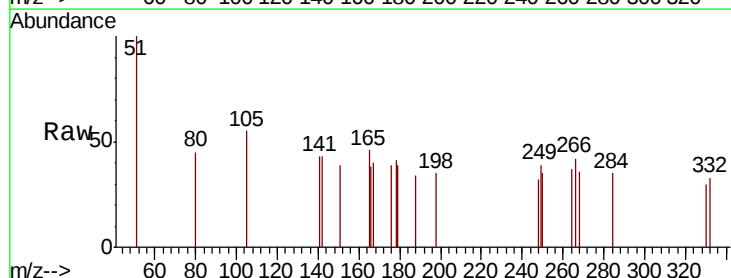
Tgt Ion:266 Resp: 44

Ion Ratio Lower Upper

266 100

264 89.2 62.3 93.5

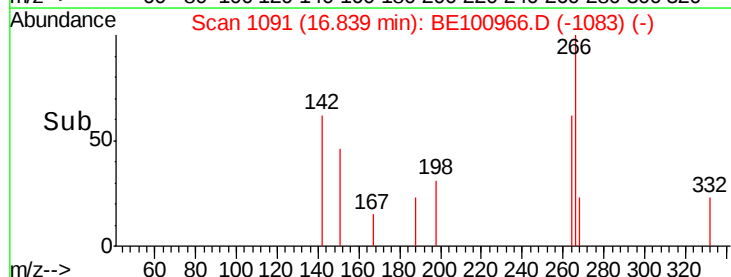
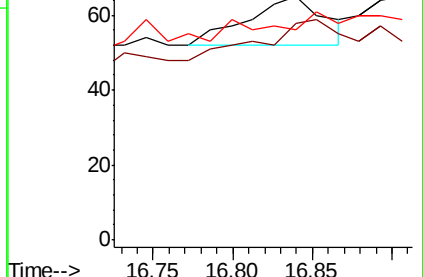
268 86.2 66.1 99.1

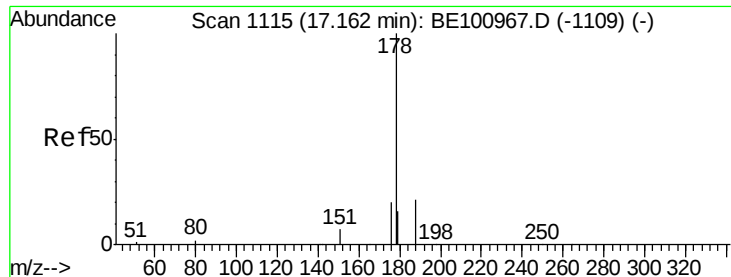


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.179 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

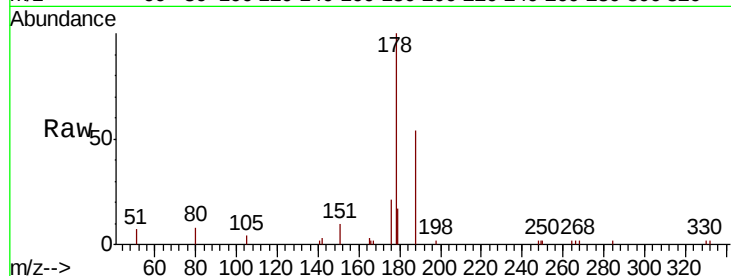
Tot Ion:178 Resp: 7208

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

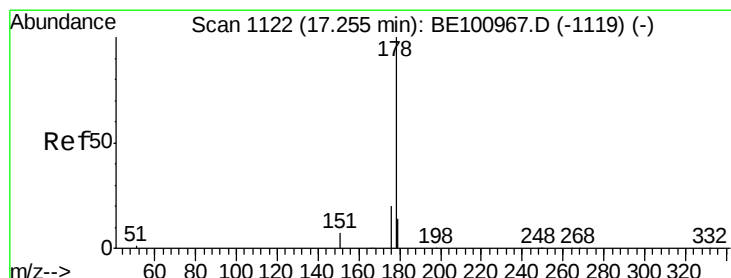
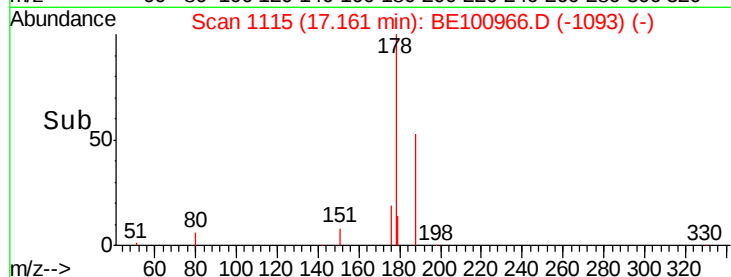
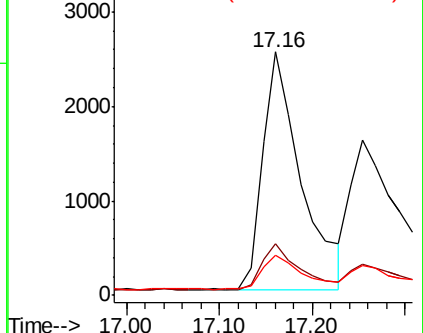
179 15.9 12.6 18.8



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: 0.137 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

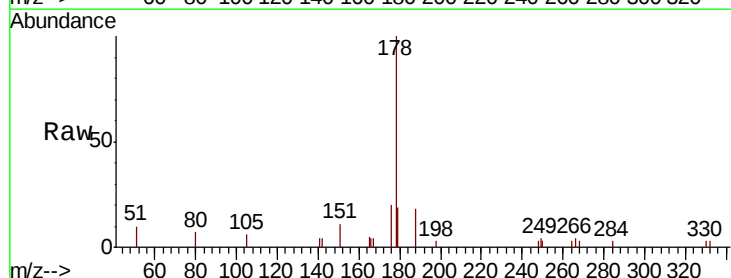
Tgt Ion:178 Resp: 3721

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

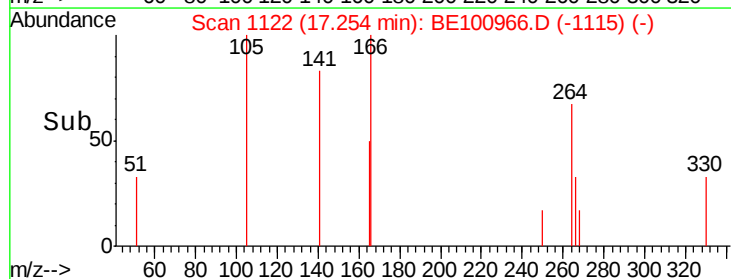
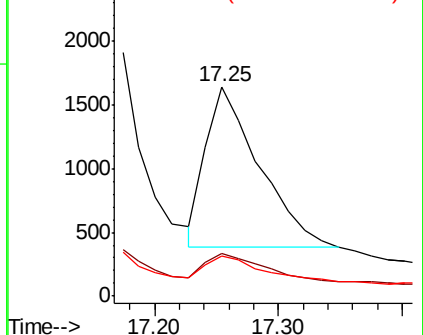
179 16.6 12.5 18.7

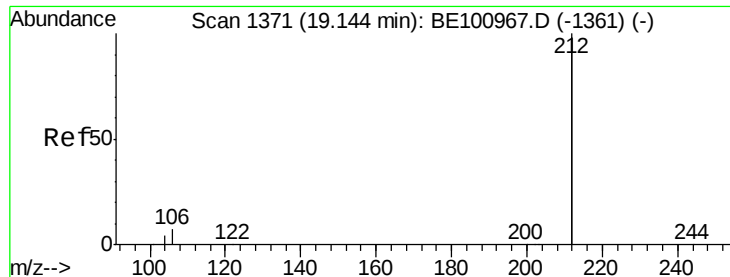


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.180 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.01 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

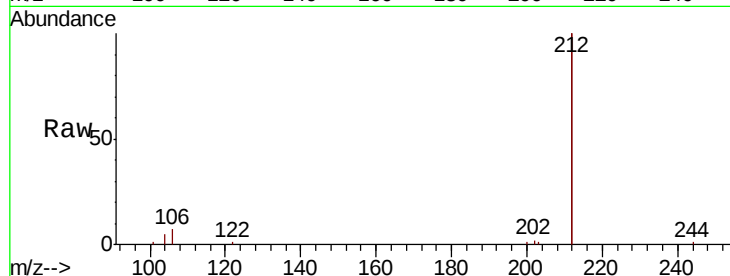
Tot Ion:212 Resp: 34871

Ion Ratio Lower Upper

212 100

106 2.9 2.4 3.6

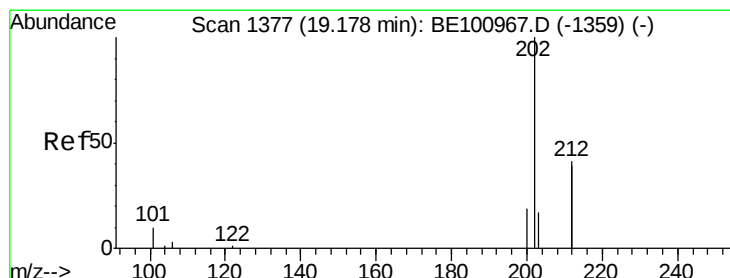
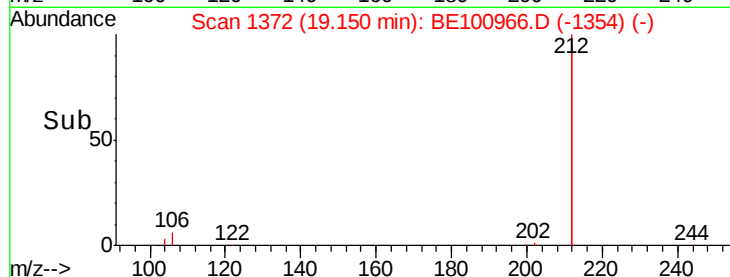
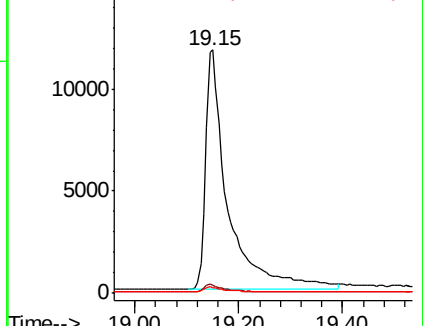
104 1.7 1.4 2.0



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: 0.174 ng

RT: 19.18 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

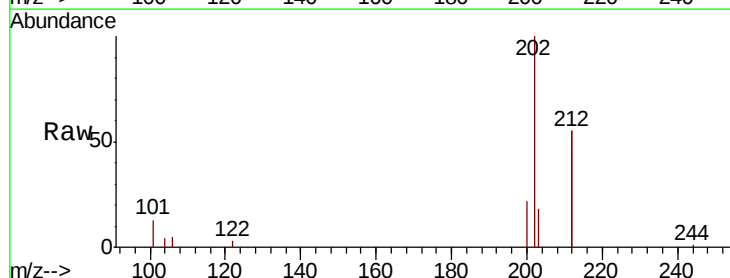
Tgt Ion:202 Resp: 9755

Ion Ratio Lower Upper

202 100

101 11.1 9.0 13.4

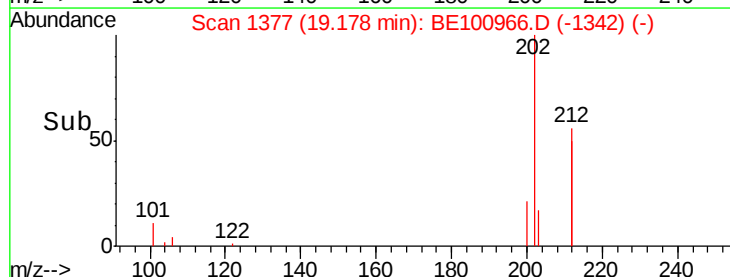
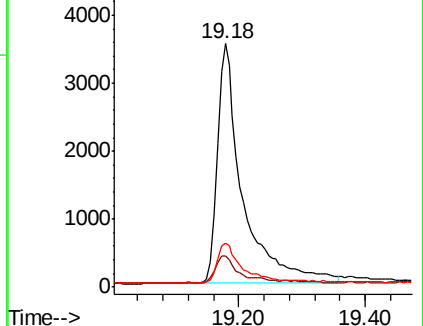
203 16.7 13.2 19.8

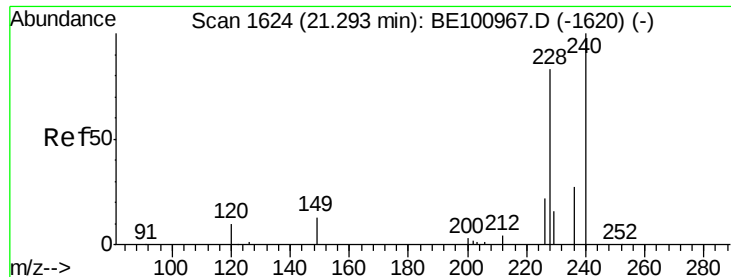


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

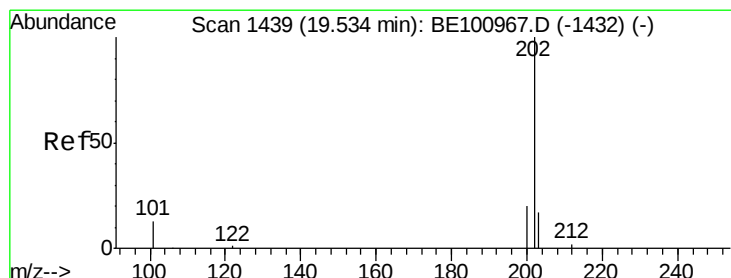
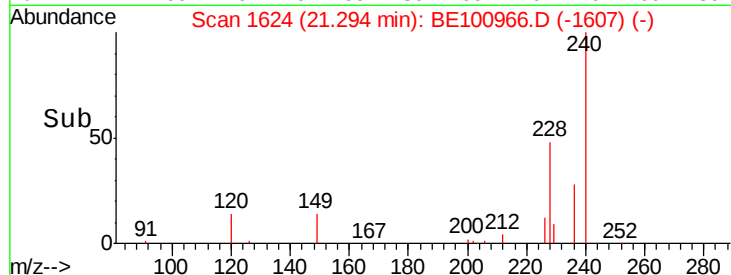
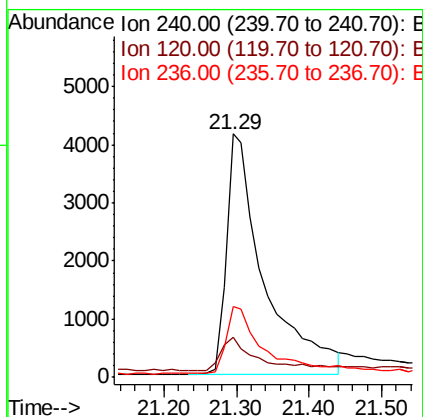
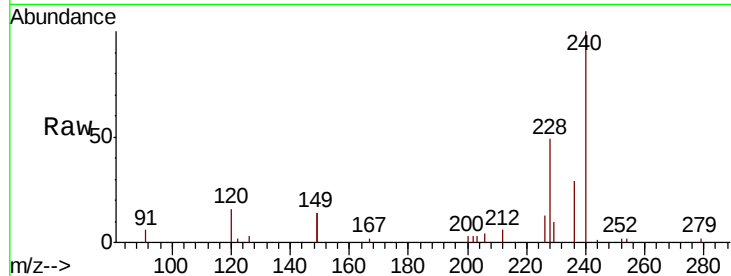




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE100966.D
 Acq: 24 Dec 2019 9:50

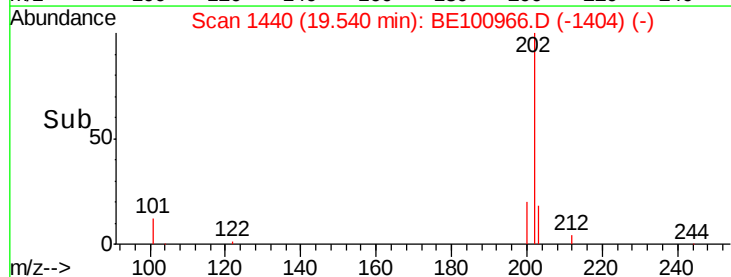
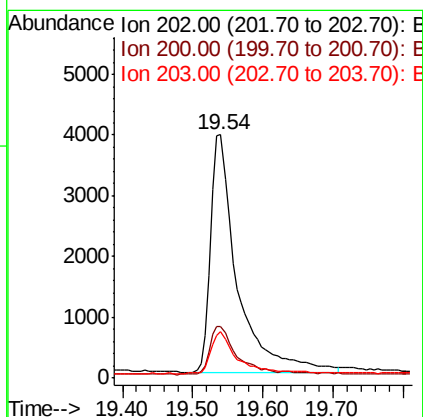
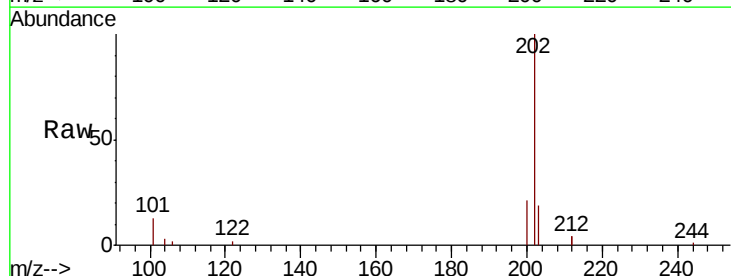
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

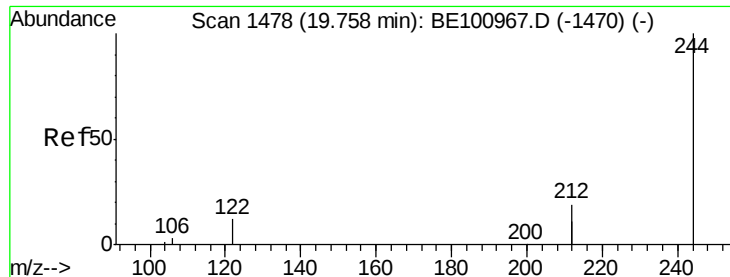
Tot Ion:240 Resp: 15081
 Ion Ratio Lower Upper
 240 100
 120 16.3 10.2 15.4#
 236 29.2 22.6 34.0



#28
 Pyrene
 Concen: 0.192 ng
 RT: 19.54 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BE100966.D
 Acq: 24 Dec 2019 9:50

Tgt Ion:202 Resp: 10348
 Ion Ratio Lower Upper
 202 100
 200 20.0 16.6 25.0
 203 17.4 13.8 20.6





#29

Terphenyl-d14

Concen: 0.192 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

Instrument :

BNA_E

ClientSampled :

SSTDIC0.2

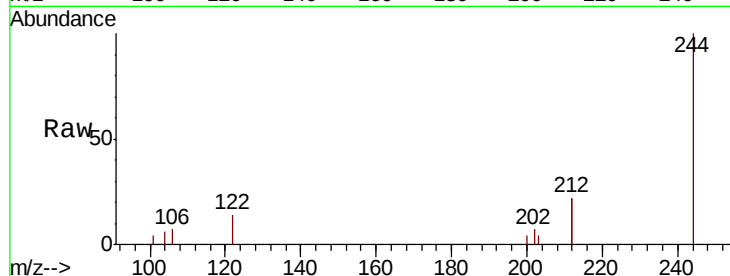
Tot Ion:244 Resp: 6614

Ion Ratio Lower Upper

244 100

212 43.8 29.3 43.9

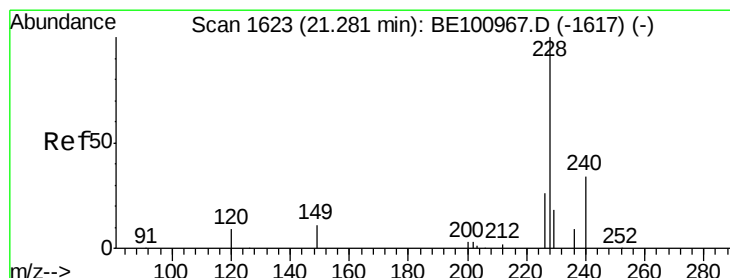
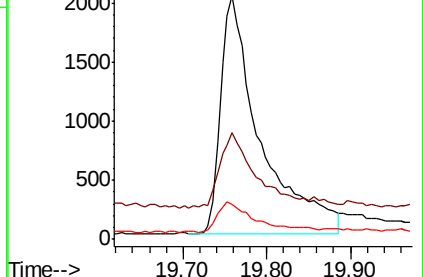
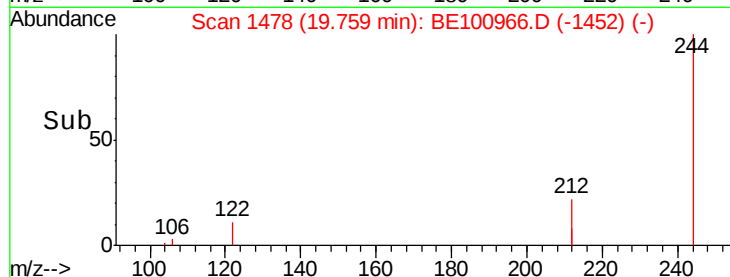
122 14.5 10.2 15.4



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: 0.151 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

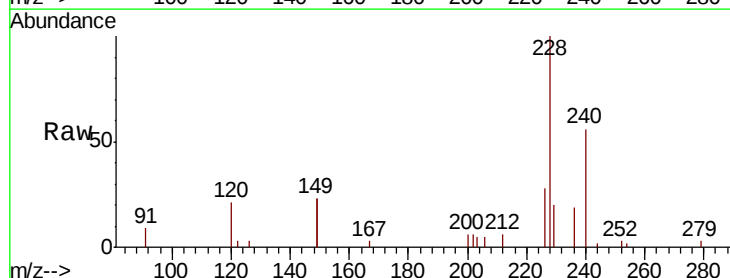
Tgt Ion:228 Resp: 5969

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.6

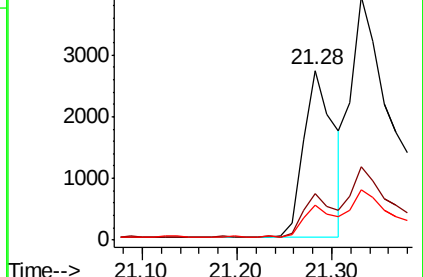
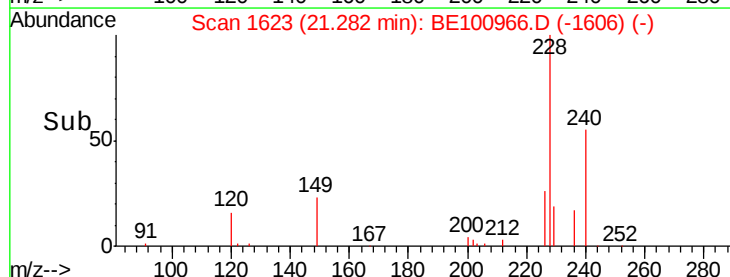
229 20.4 15.4 23.0

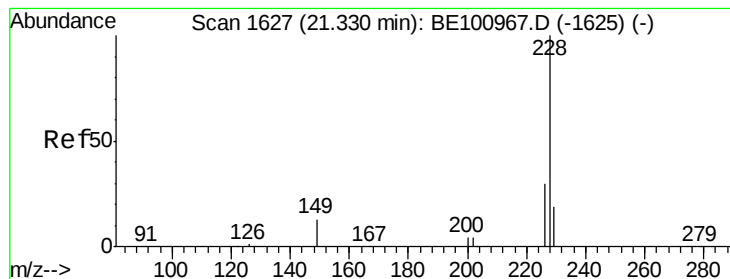


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

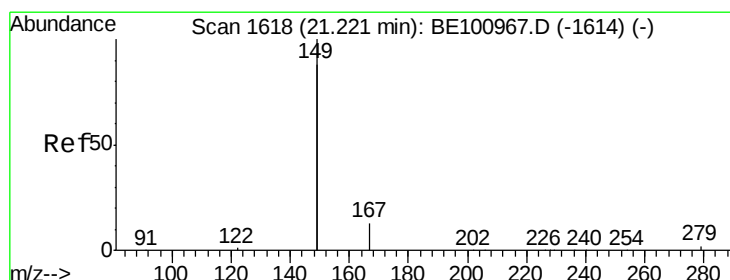
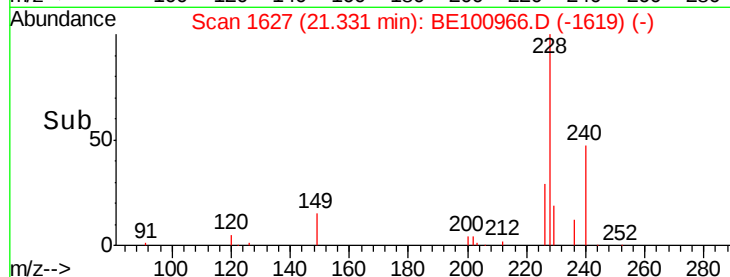
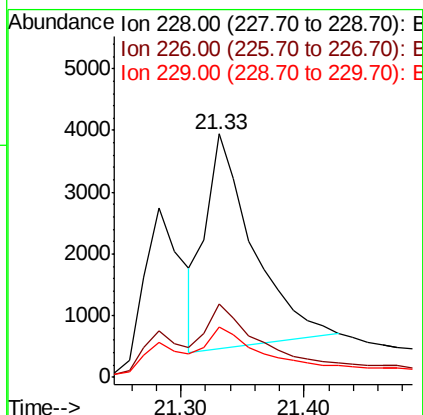
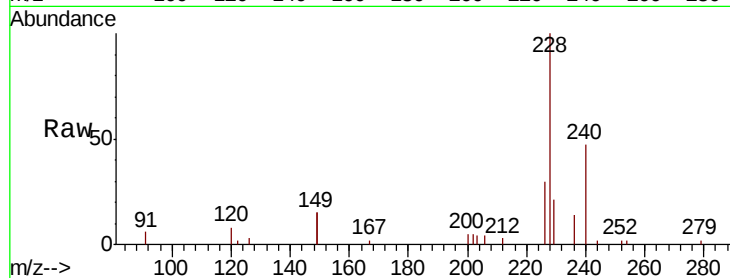




#31
Chrysene
Concen: 0.185 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100966.D
Acq: 24 Dec 2019 9:50

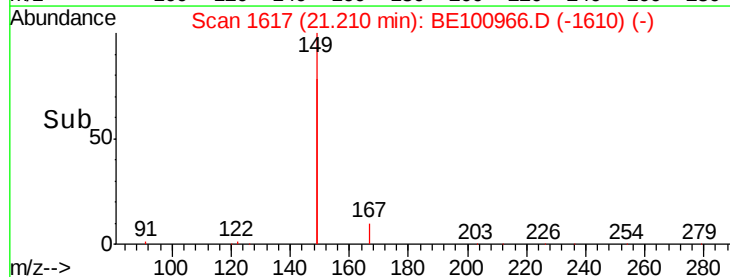
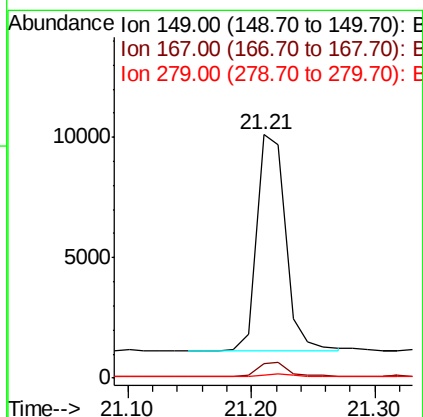
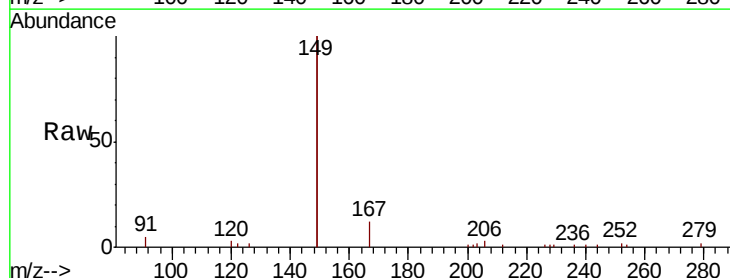
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

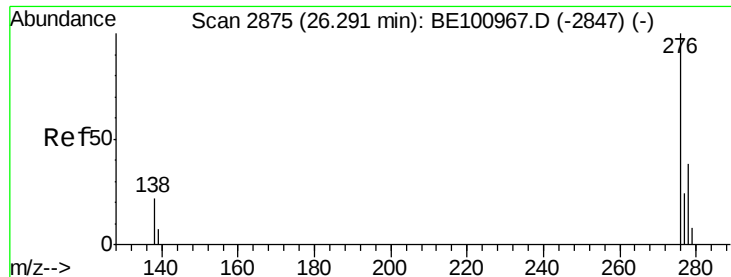
Tot Ion:228 Resp: 9193
Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 20.7 15.7 23.5



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.119 ng
RT: 21.21 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BE100966.D
Acq: 24 Dec 2019 9:50

Tgt Ion:149 Resp: 14786
Ion Ratio Lower Upper
149 100
167 6.3 5.1 7.7
279 1.1 0.6 1.0#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.177 ng

RT: 26.30 min Scan# 2877

Delta R.T. 0.01 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

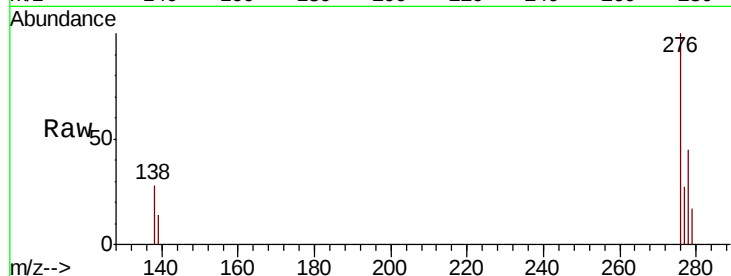
Tot Ion:276 Resp: 9223

Ion Ratio Lower Upper

276 100

138 9.0 14.8 22.2#

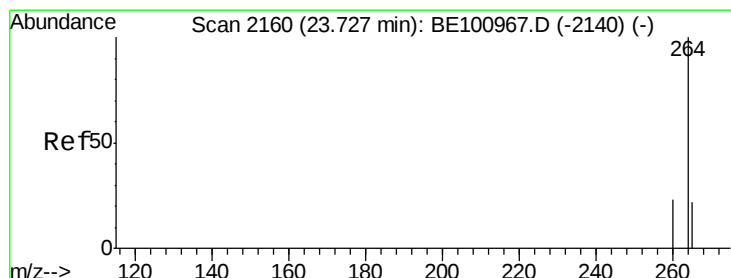
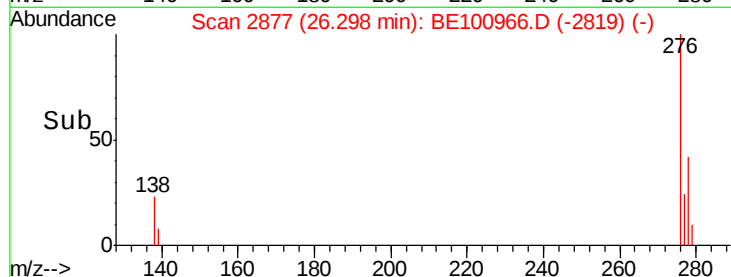
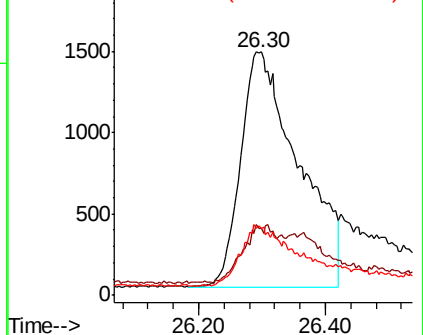
277 24.3 18.0 27.0



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: 23.73 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

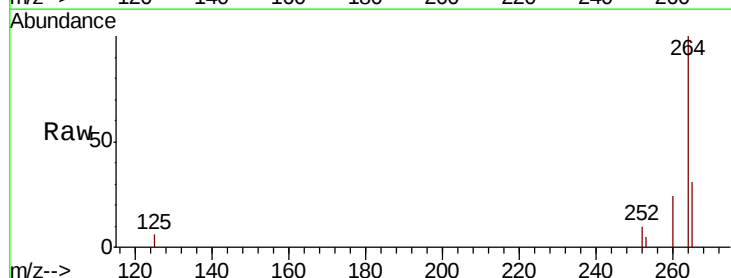
Tgt Ion:264 Resp: 20756

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

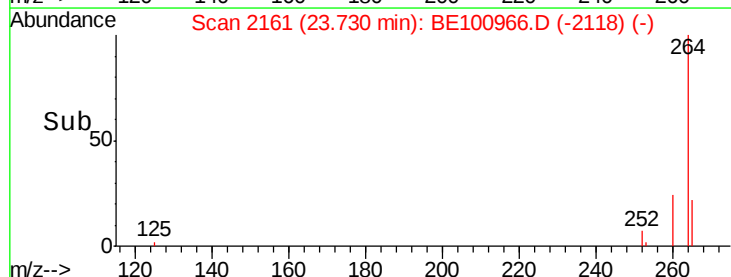
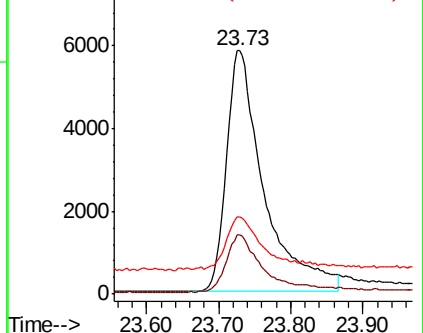
265 31.5 26.6 40.0

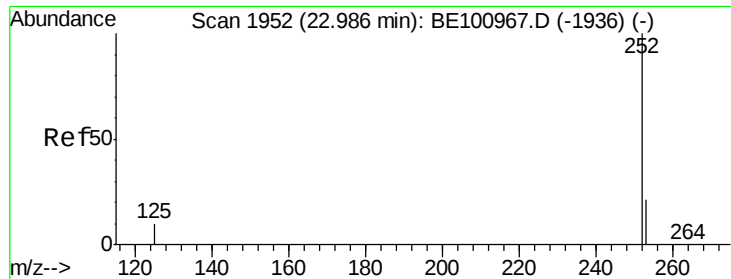


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.151 ng

RT: 22.99 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

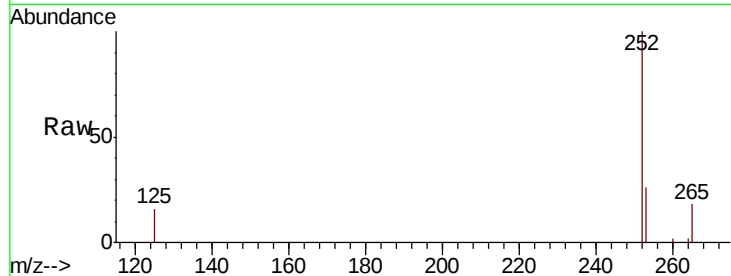
Tot Ion:252 Resp: 6935

Ion Ratio Lower Upper

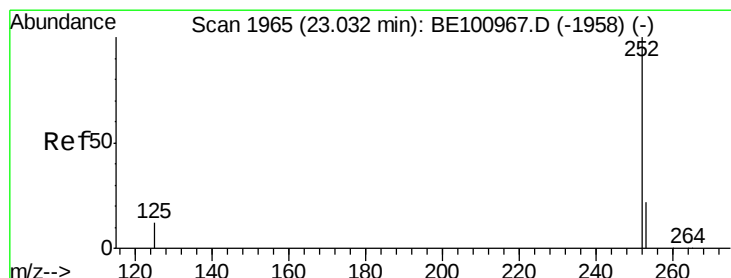
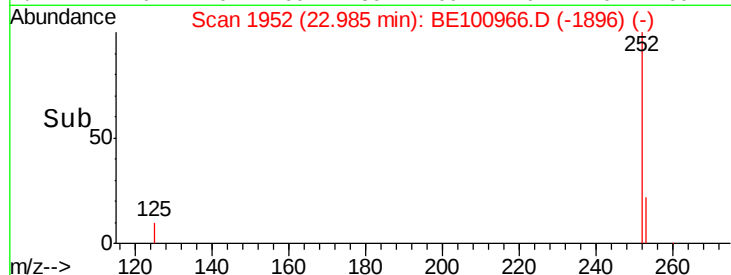
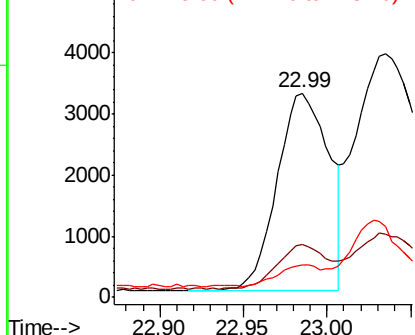
252 100

253 25.6 18.2 27.4

125 15.7 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



#36

Benzo(k)fluoranthene

Concen: 0.113 ng

RT: 22.99 min Scan# 1952

Delta R.T. -0.05 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

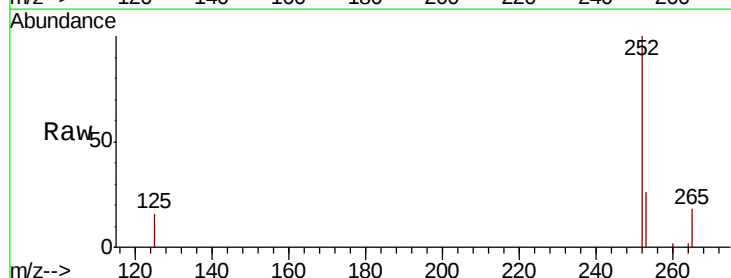
Tgt Ion:252 Resp: 6935

Ion Ratio Lower Upper

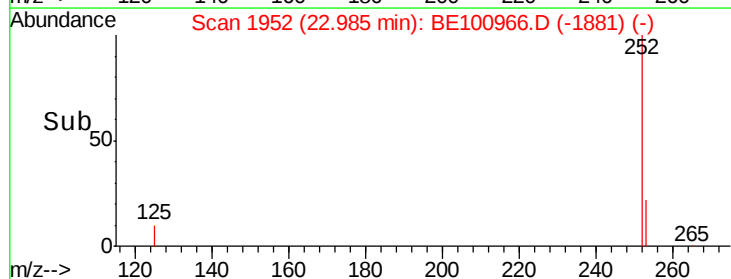
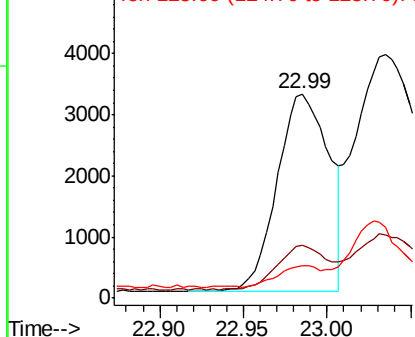
252 100

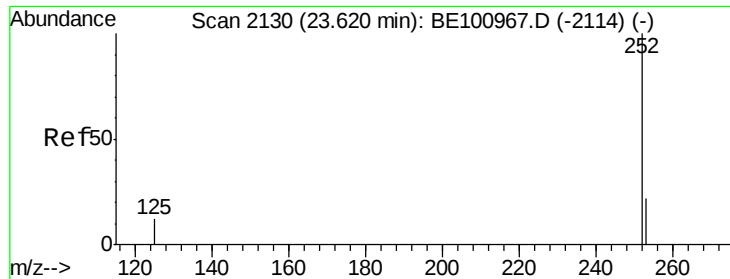
253 25.6 18.9 28.3

125 15.7 11.2 16.8



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: 0.172 ng

RT: 23.63 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

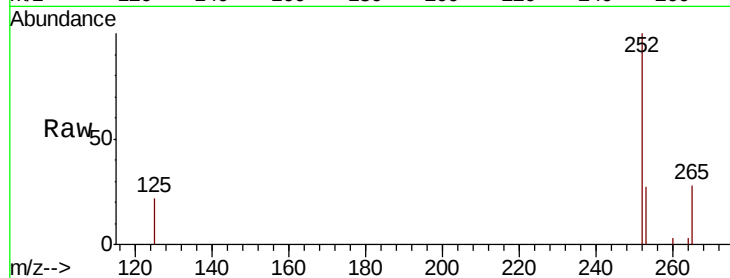
Tot Ion:252 Resp: 9022

Ion Ratio Lower Upper

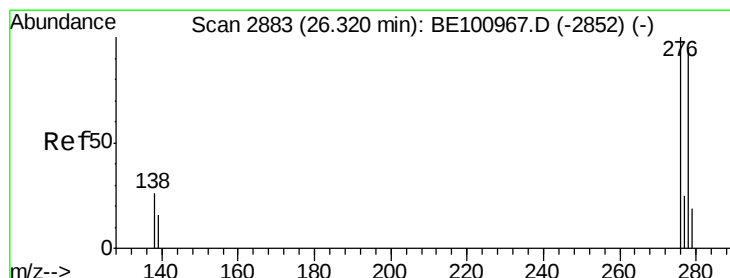
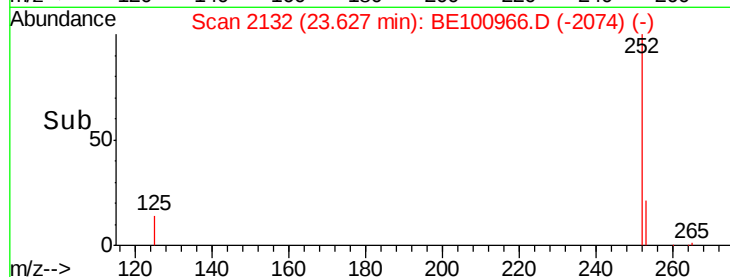
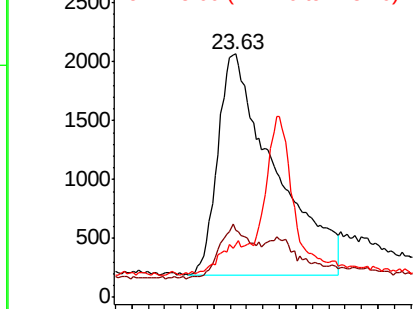
252 100

253 27.4 20.1 30.1

125 21.6 12.6 18.8#



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: 0.162 ng

RT: 26.33 min Scan# 2885

Delta R.T. 0.01 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

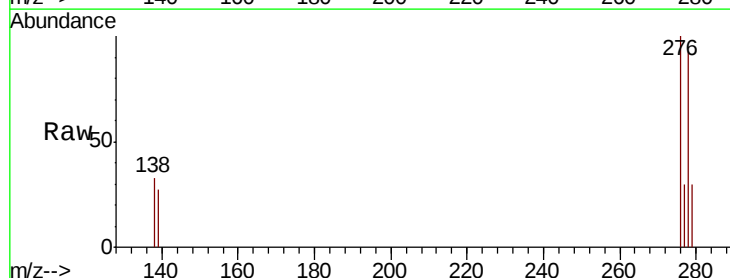
Tgt Ion:278 Resp: 7171

Ion Ratio Lower Upper

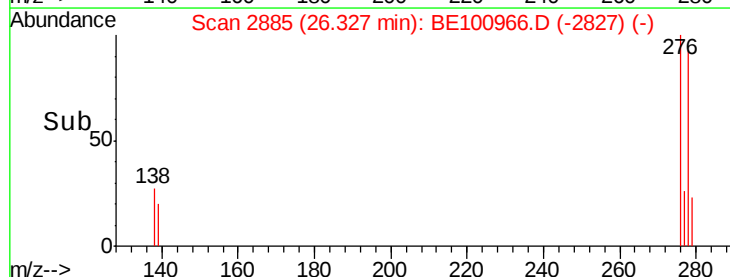
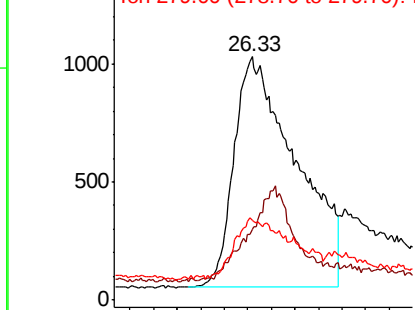
278 100

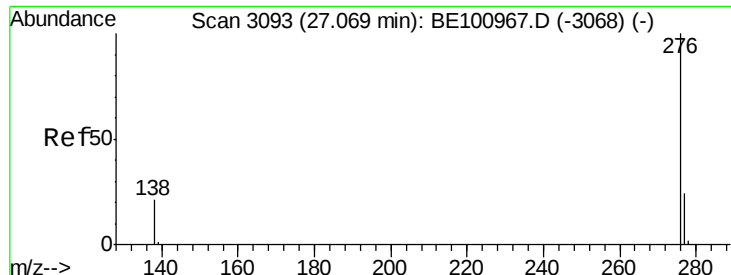
139 29.0 16.4 24.6#

279 32.5 19.3 28.9#



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: 0.182 ng

RT: 27.08 min Scan# 3095

Delta R.T. 0.01 min

Lab File: BE100966.D

Acq: 24 Dec 2019 9:50

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

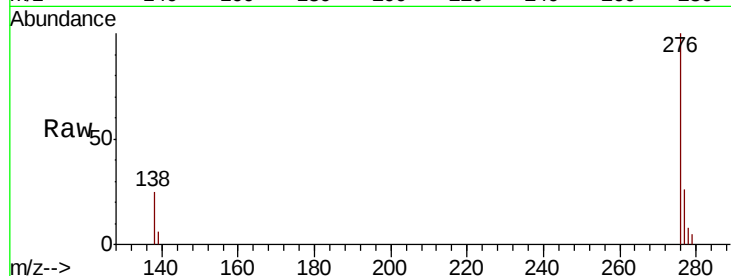
Tot Ion: 276 Resp: 9940

Ion Ratio Lower Upper

276 100

277 26.3 20.0 30.0

138 24.6 18.6 27.8



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

