

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
 Data File : BE100987.D
 Acq On : 27 Dec 2019 9:58
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 27 23:48:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 17:39:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2291	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	12011	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	7359	0.40	ng	-0.01
19) Phenanthrene-d10	17.11	188	16940	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	15404	0.40	ng	0.00
34) Perylene-d12	23.72	264	17240	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1629	0.42	ng	0.00
5) Phenol-d6	6.94	99	1820	0.42	ng	-0.04
8) Nitrobenzene-d5	8.90	82	2172	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	7657	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	582	0.45	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	11364	0.43	ng	0.00
25) Fluoranthene-d10	19.14	212	82077	0.40	ng	0.00
29) Terphenyl-d14	19.75	244	16017	0.45	ng	0.00

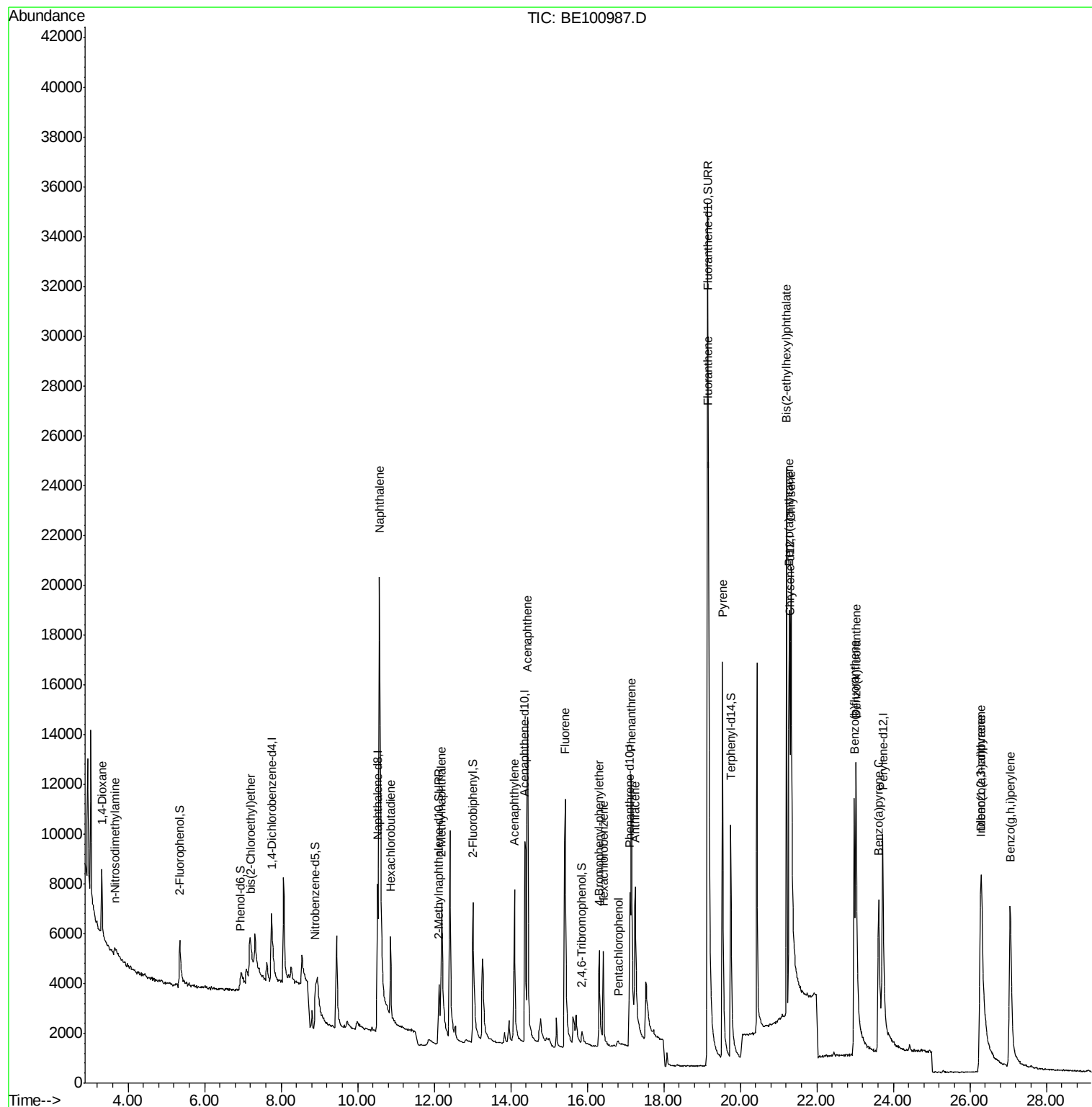
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	2073	0.195	ng	# 71
3) n-Nitrosodimethylamine	3.65	42	918	0.622	ng	# 1
6) bis(2-Chloroethyl)ether	7.20	93	2327	0.281	ng	85
9) Naphthalene	10.58	128	52593	0.412	ng	100
10) Hexachlorobutadiene	10.86	225	2342	0.415	ng	98
12) 2-Methylnaphthalene	12.19	142	7203	0.372	ng	96
16) Acenaphthylene	14.10	152	9979	0.363	ng	99
17) Acenaphthene	14.44	154	8326	0.417	ng	99
18) Fluorene	15.42	166	10352	0.416	ng	99
20) 4-Bromophenyl-phenylether	16.32	248	2840	0.382	ng	96
21) Hexachlorobenzene	16.43	284	3425	0.390	ng	98
22) Pentachlorophenol	16.81	266	304	0.383	ng	99
23) Phenanthrene	17.16	178	17371	0.398	ng	99
24) Anthracene	17.26	178	10435	0.236	ng	98
26) Fluoranthene	19.17	202	23083	0.388	ng	98
28) Pyrene	19.53	202	24244	0.450	ng	100
30) Benzo(a)anthracene	21.28	228	15895	0.422	ng	98
31) Chrysene	21.33	228	19697	0.281	ng	98
32) Bis(2-ethylhexyl)phthalate	21.21	149	26285	0.393	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.28	276	21874	0.414	ng	# 91
35) Benzo(b)fluoranthene	22.98	252	17460	0.481	ng	99
36) Benzo(k)fluoranthene	23.03	252	24907	0.362	ng	98
37) Benzo(a)pyrene	23.62	252	18162	0.429	ng	99
38) Dibenzo(a,h)anthracene	26.31	278	16356	0.426	ng	96
39) Benzo(g,h,i)perylene	27.06	276	20104	0.445	ng	98

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

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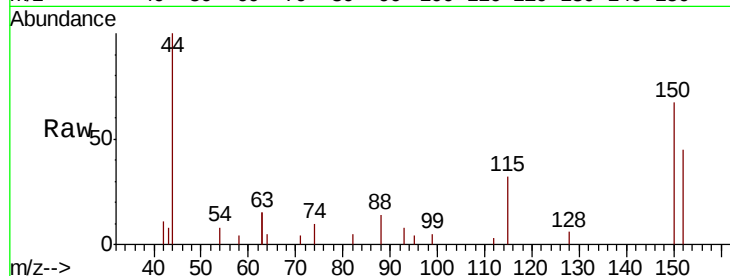


#1

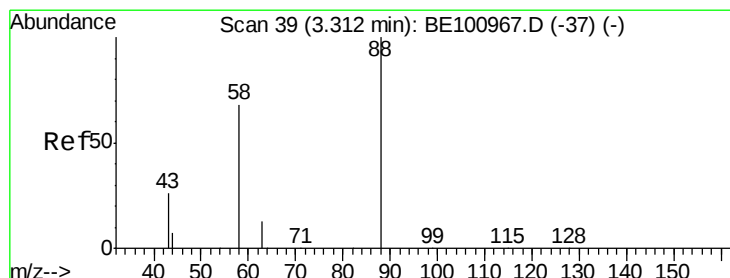
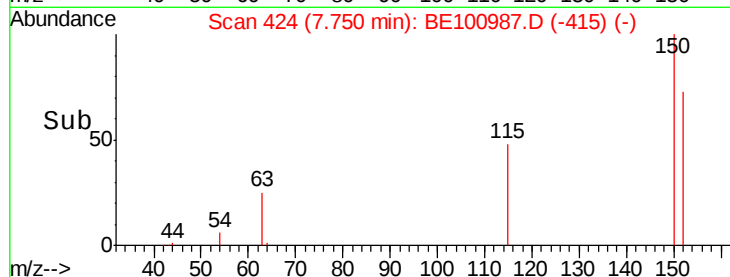
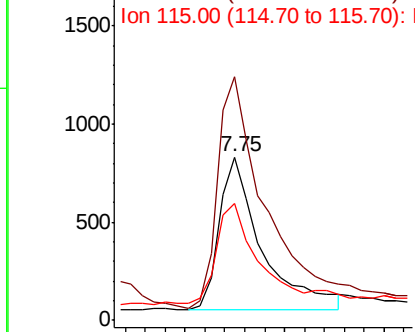
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 2291
Ion Ratio Lower Upper
152 100
150 149.4 132.6 199.0
115 71.7 64.1 96.1



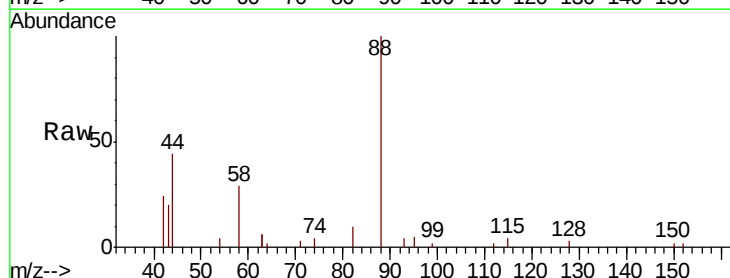
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



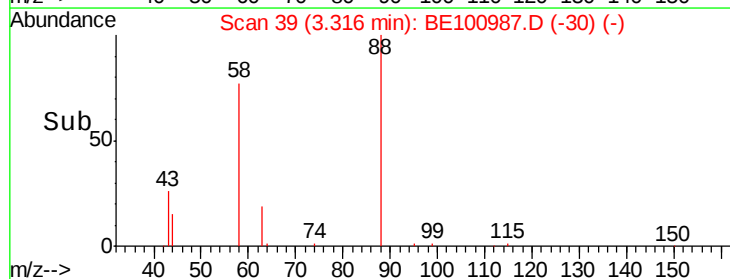
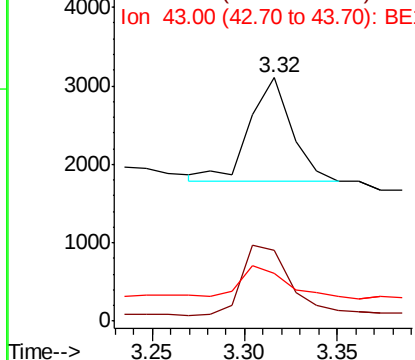
#2

1,4-Dioxane
Concen: 0.195 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion: 88 Resp: 2073
Ion Ratio Lower Upper
88 100
58 79.1 44.2 66.4#
43 37.1 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: 0.622 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.02 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

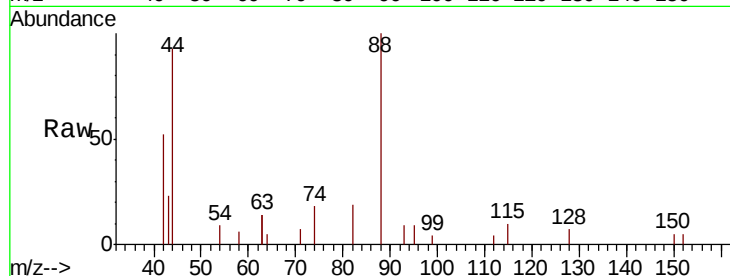
Tot Ion: 42 Resp: 918

Ion Ratio Lower Upper

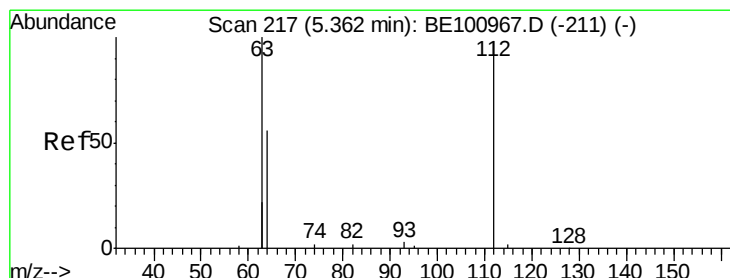
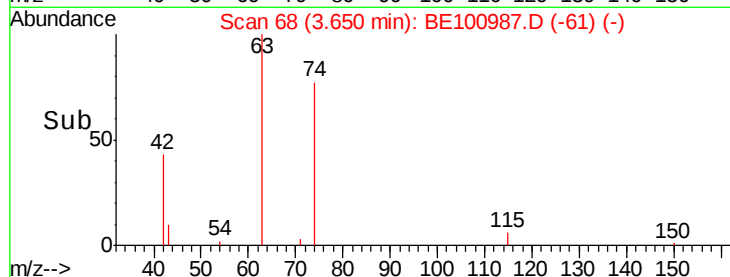
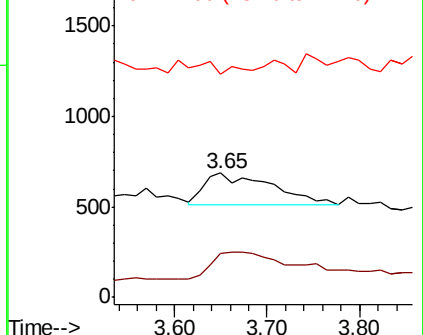
42 100

74 0.0 116.6 174.8#

44 0.0 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: 0.421 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

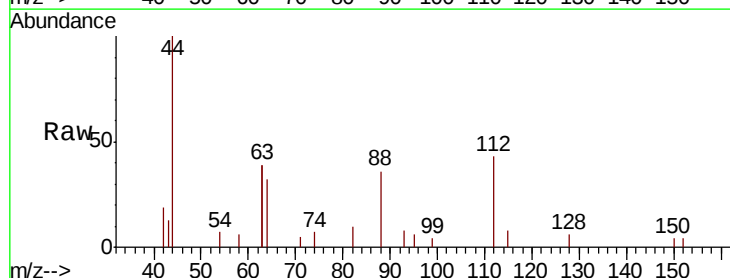
Tgt Ion: 112 Resp: 1629

Ion Ratio Lower Upper

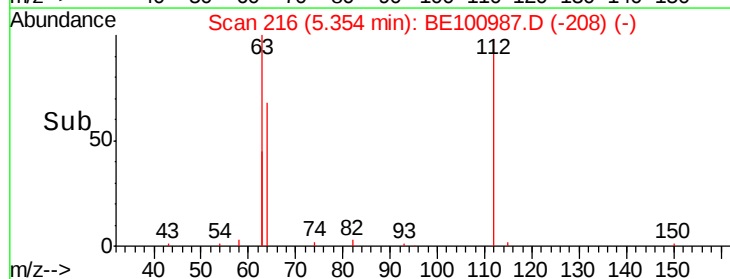
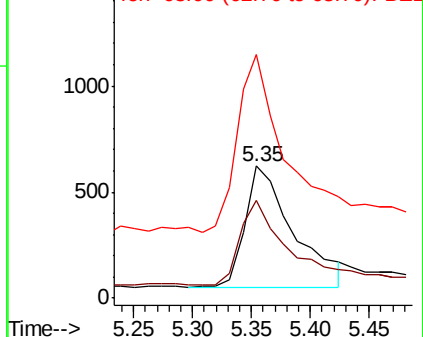
112 100

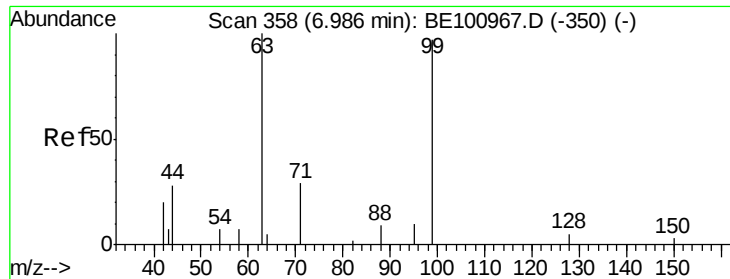
64 67.6 59.0 88.6

63 149.5 121.4 182.0



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: 0.420 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.04 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

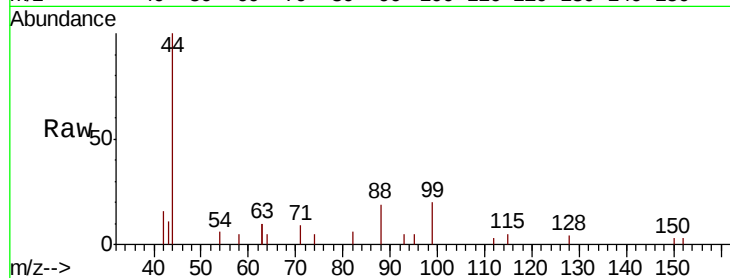
Tot Ion: 99 Resp: 1820

Ion Ratio Lower Upper

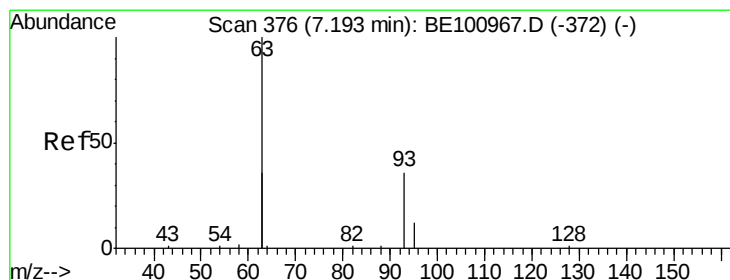
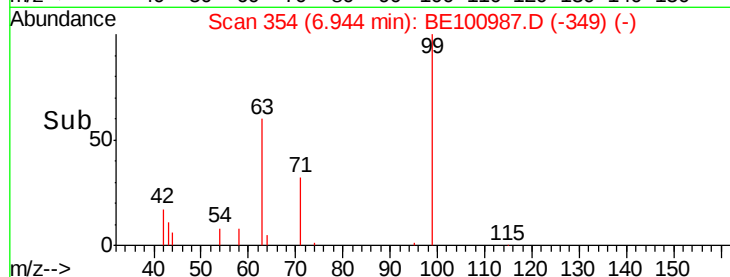
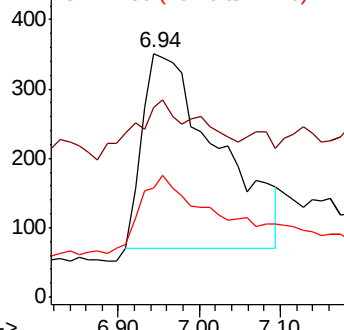
99 100

42 5.3 0.0 0.0#

71 31.6 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



#6

bis(2-Chloroethyl)ether

Concen: 0.281 ng

RT: 7.20 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

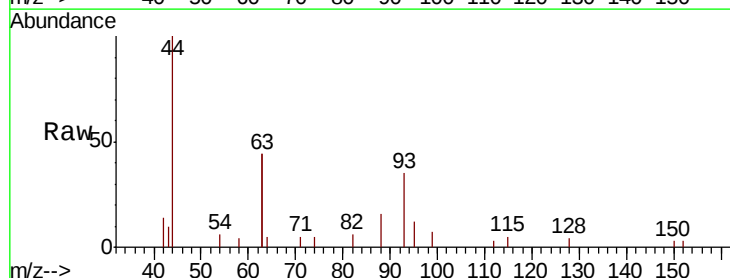
Tgt Ion: 93 Resp: 2327

Ion Ratio Lower Upper

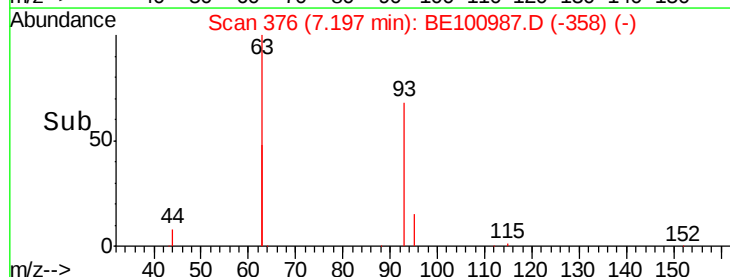
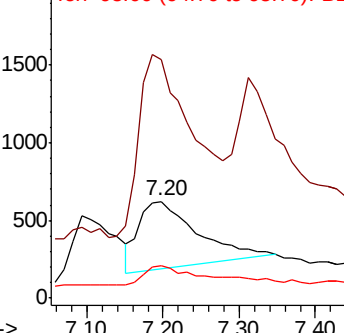
93 100

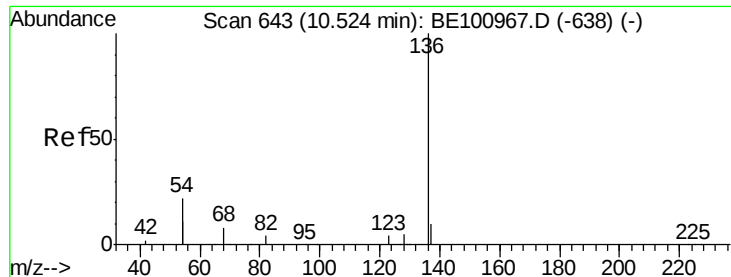
63 254.2 228.3 342.5

95 30.9 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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 12011

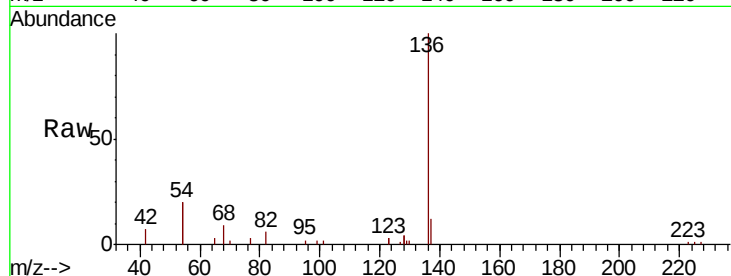
Ion Ratio Lower Upper

136 100

137 11.9 9.0 13.6

54 40.8 34.4 51.6

68 9.3 7.8 11.6

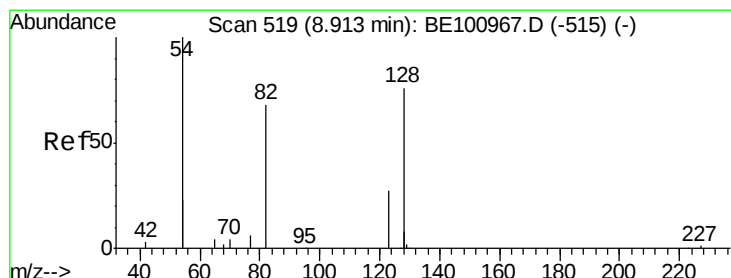
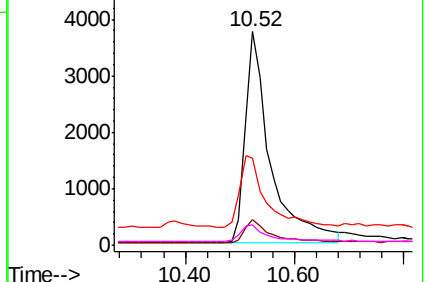
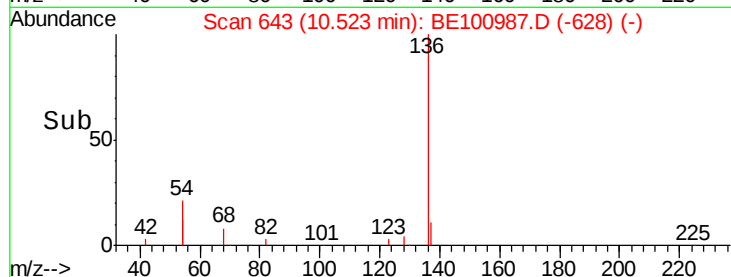


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.451 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

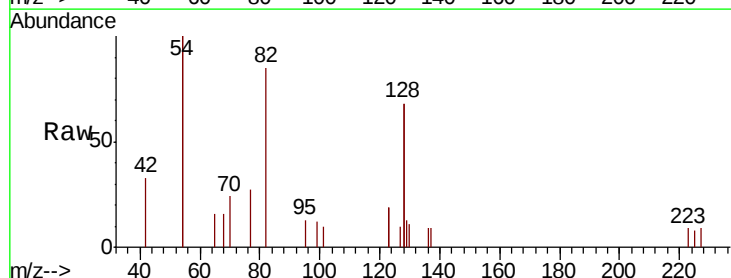
Tgt Ion: 82 Resp: 2172

Ion Ratio Lower Upper

82 100

128 160.9 140.2 210.2

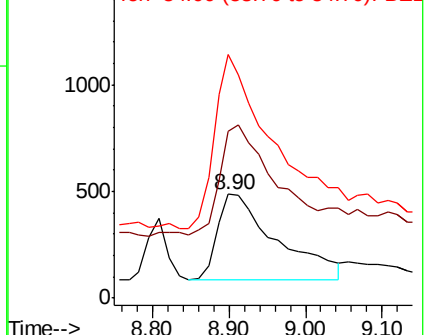
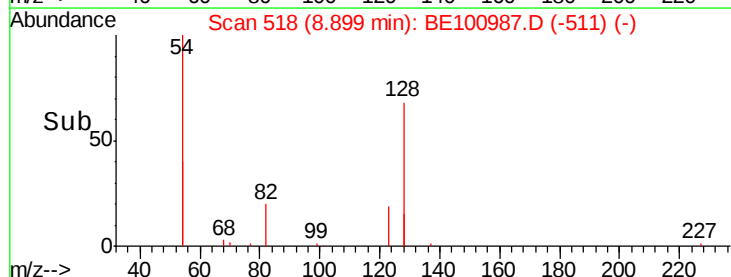
54 235.0 183.8 275.6

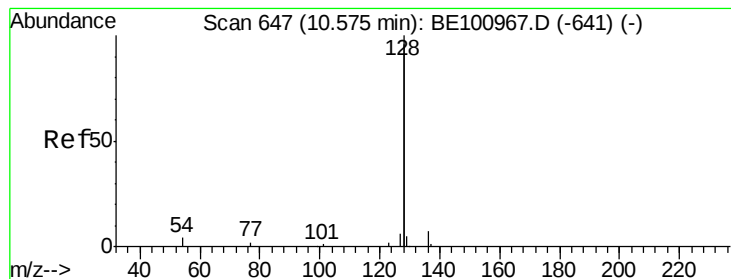


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.412 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

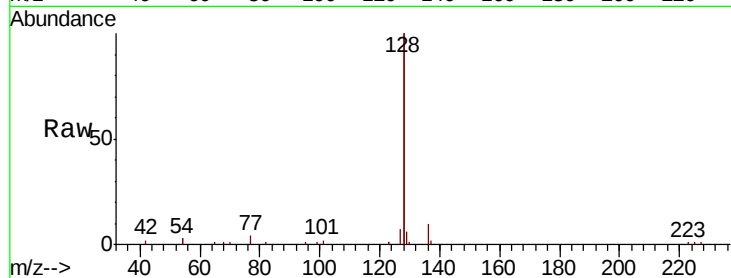
Tot Ion:128 Resp: 52593

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

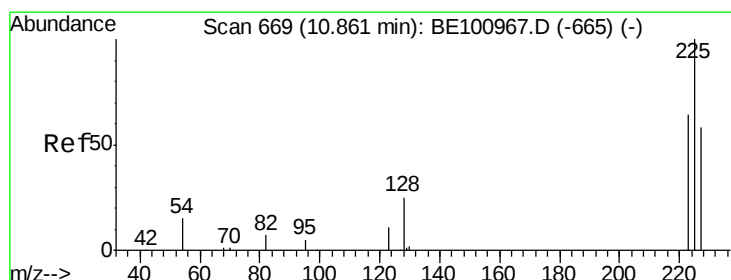
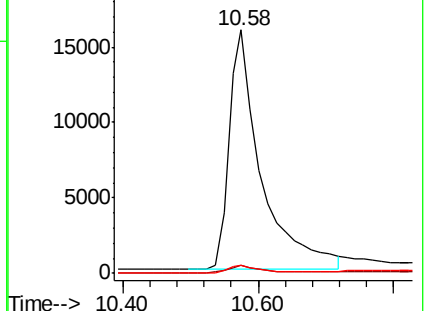
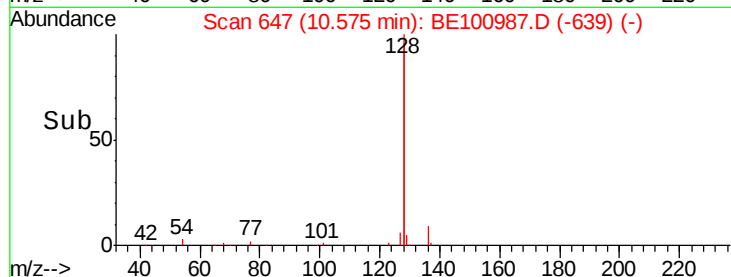
127 3.5 2.8 4.2



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: 0.415 ng

RT: 10.86 min Scan# 669

Delta R.T. -0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

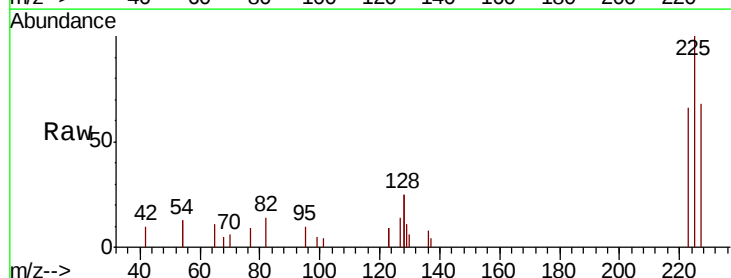
Tgt Ion:225 Resp: 2342

Ion Ratio Lower Upper

225 100

223 62.9 51.4 77.0

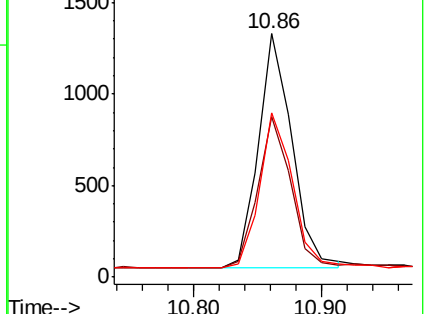
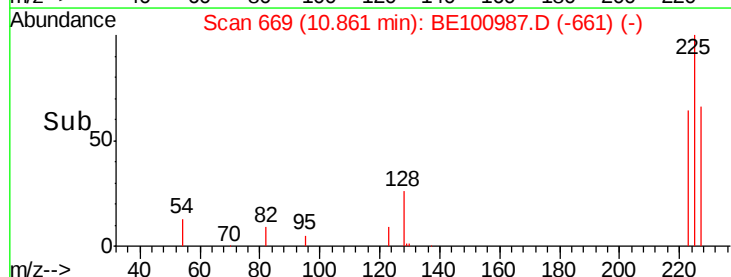
227 64.9 50.2 75.2

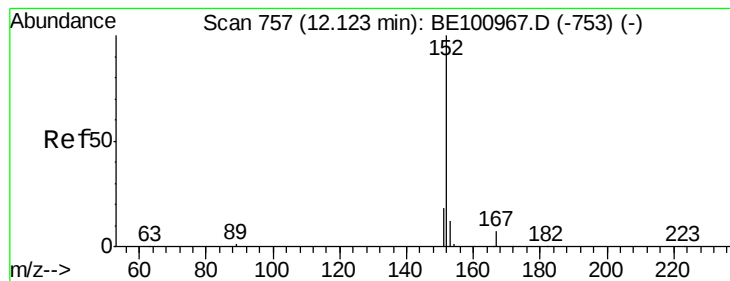


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.434 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

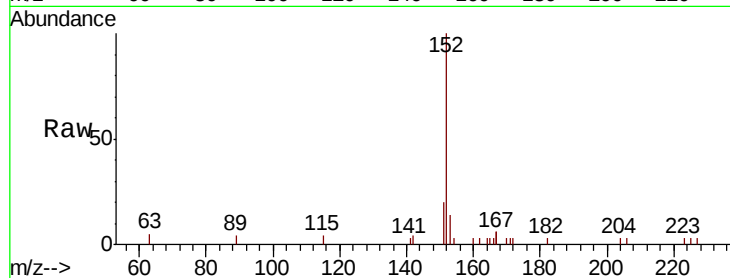
SSTDCCC0.4

Tot Ion:152 Resp: 7657

Ion Ratio Lower Upper

152 100

151 18.7 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.12

2000

1500

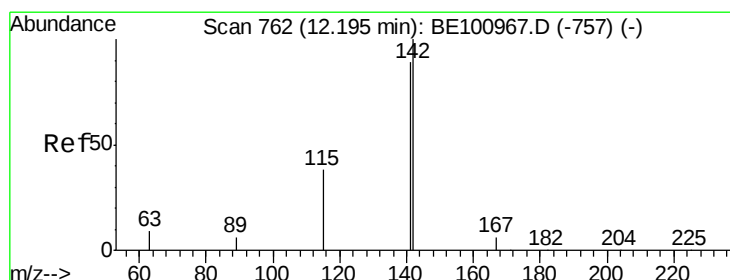
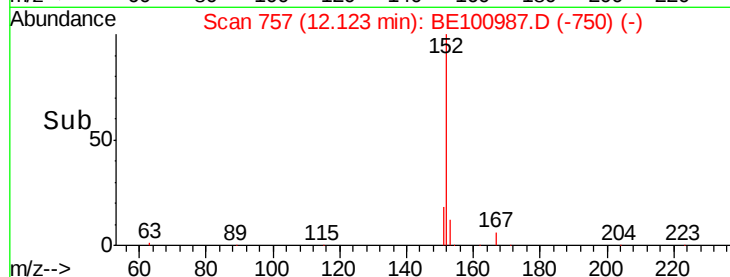
1000

500

0

Time-->

12.00 12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.372 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

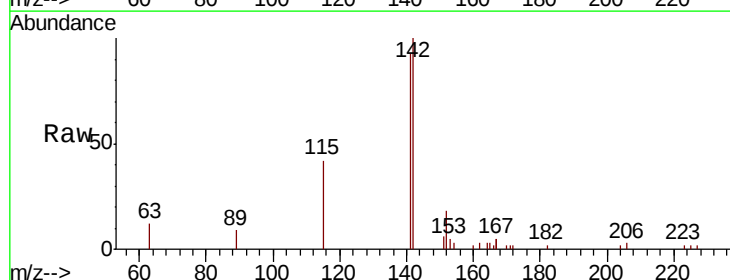
Tgt Ion:142 Resp: 7203

Ion Ratio Lower Upper

142 100

141 92.6 70.8 106.2

115 42.2 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

3000

2500

2000

1500

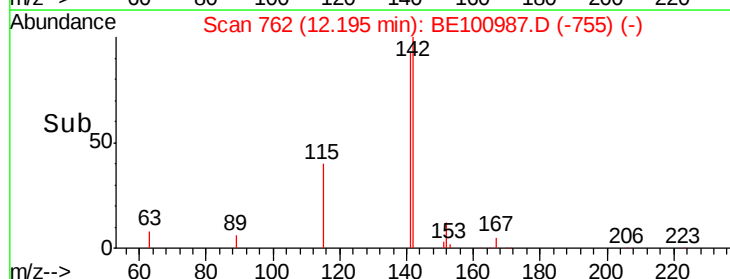
1000

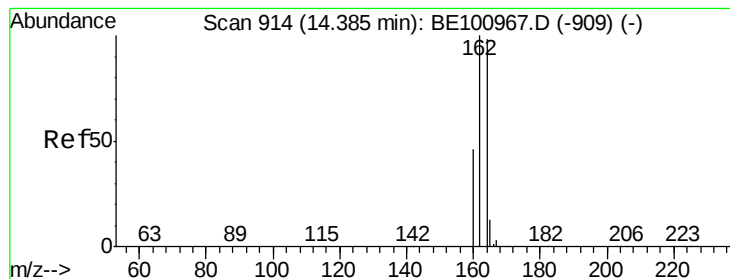
500

0

Time-->

12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 913

Delta R.T. -0.01 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

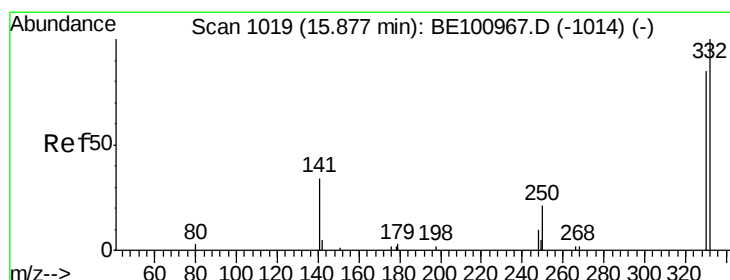
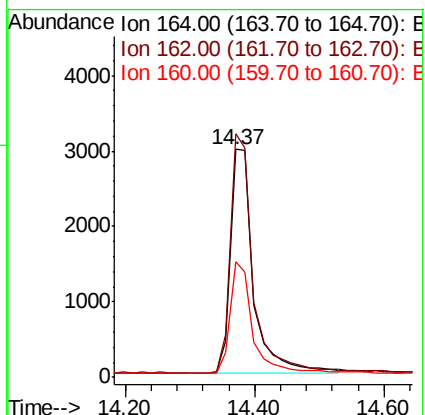
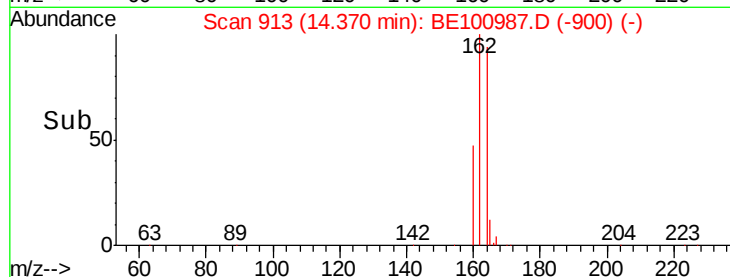
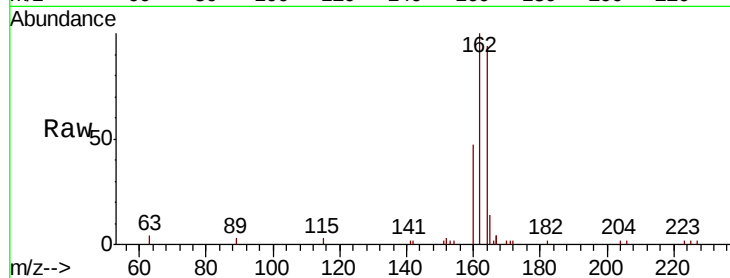
Tot Ion:164 Resp: 7359

Ion Ratio Lower Upper

164 100

162 106.8 81.6 122.4

160 50.5 37.7 56.5



#14

2,4,6-Tribromophenol

Concen: 0.452 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

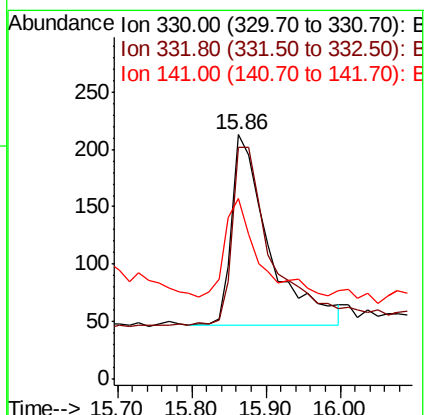
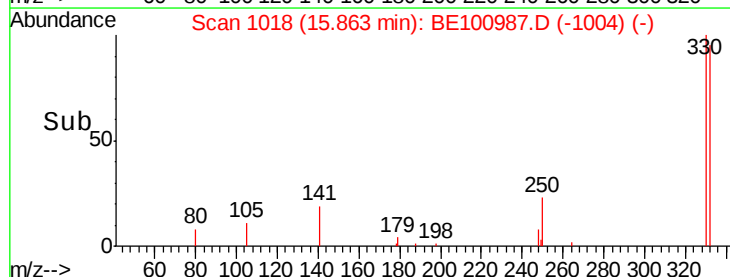
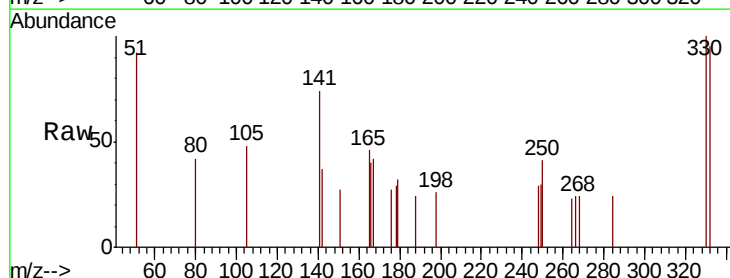
Tgt Ion:330 Resp: 582

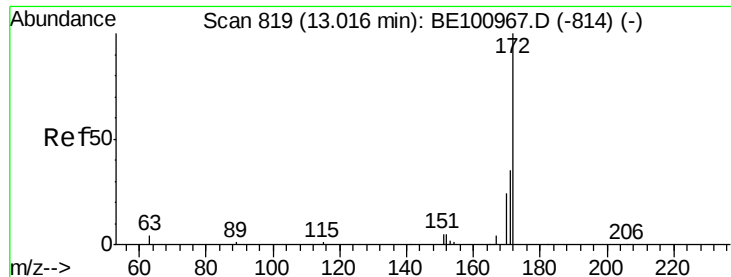
Ion Ratio Lower Upper

330 100

332 102.1 72.4 108.6

141 46.7 25.4 38.2#

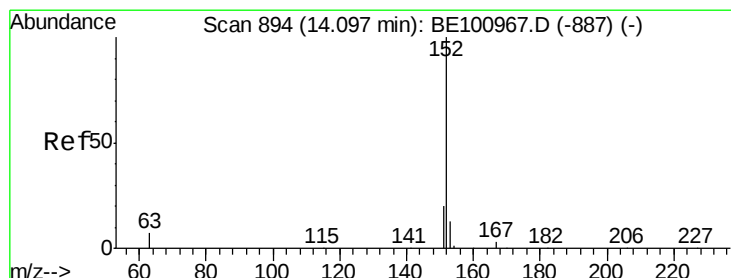
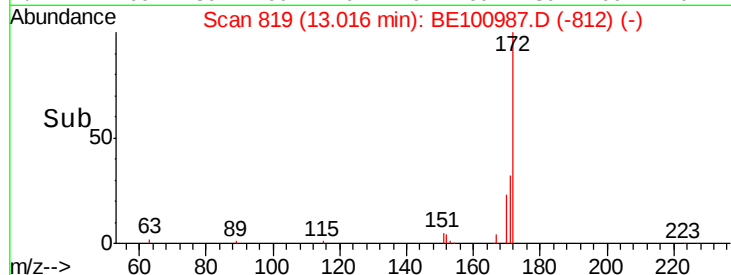
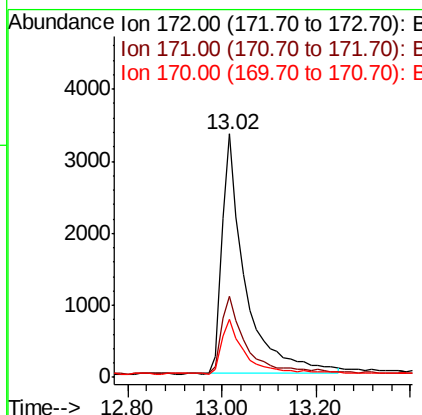
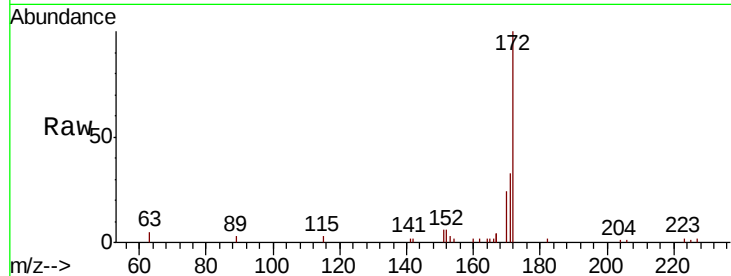




#15
2-Fluorobiphenyl
Concen: 0.435 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

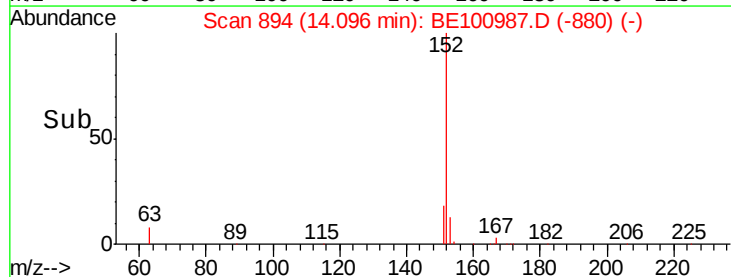
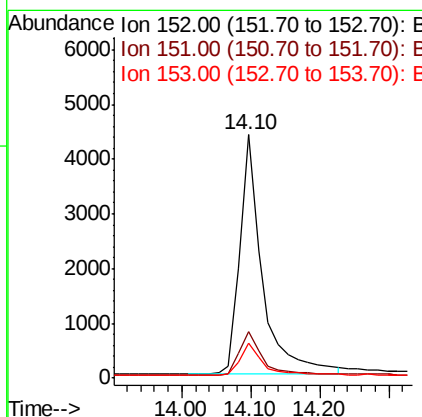
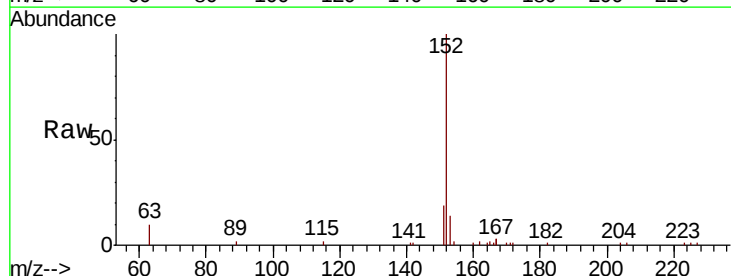
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

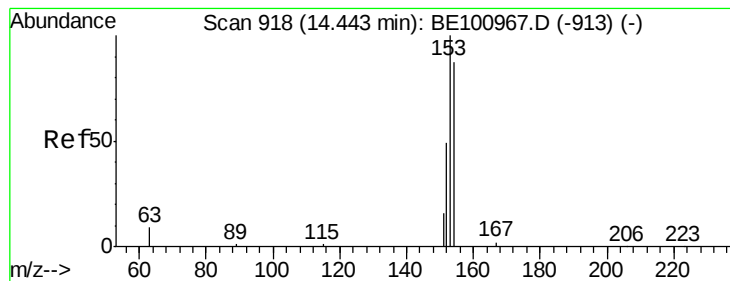
Tot Ion:172 Resp: 11364
Ion Ratio Lower Upper
172 100
171 33.4 29.0 43.6
170 24.0 20.0 30.0



#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion:152 Resp: 9979
Ion Ratio Lower Upper
152 100
151 18.9 15.5 23.3
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.417 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

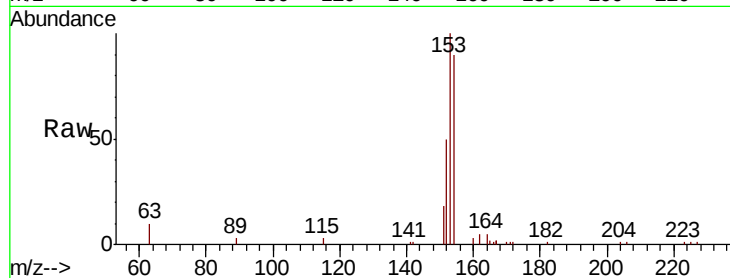
Tot Ion:154 Resp: 8326

Ion Ratio Lower Upper

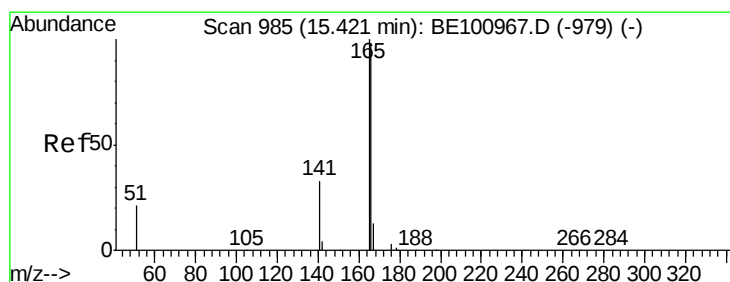
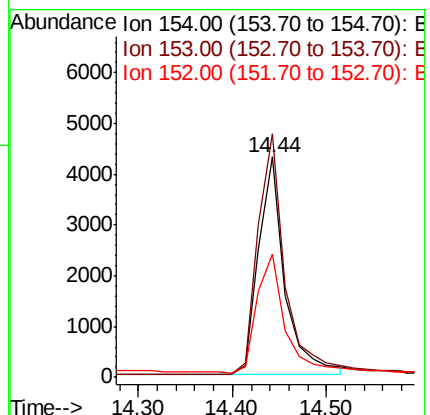
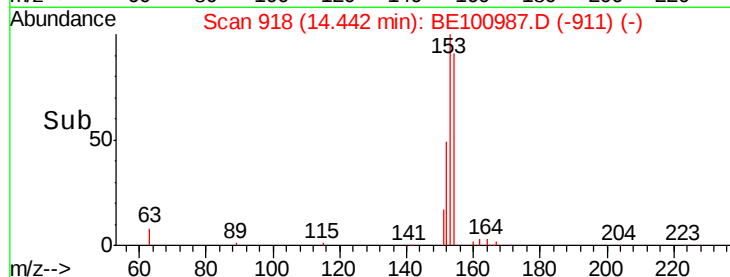
154 100

153 114.2 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: 0.416 ng

RT: 15.42 min Scan# 985

Delta R.T. -0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

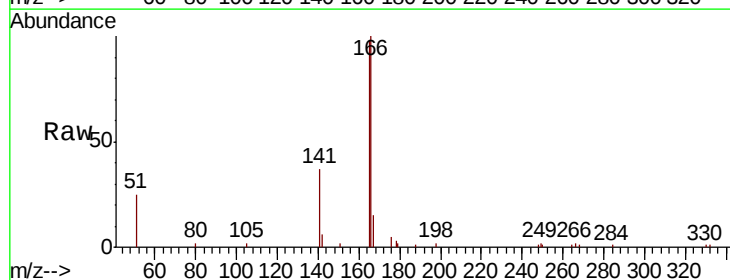
Tgt Ion:166 Resp: 10352

Ion Ratio Lower Upper

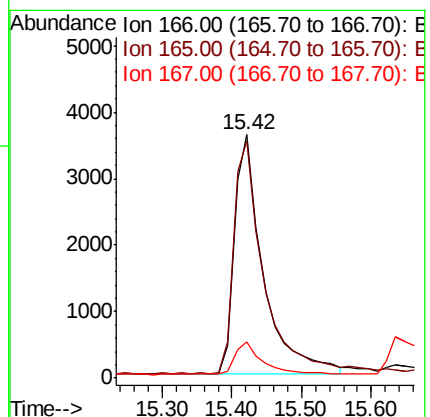
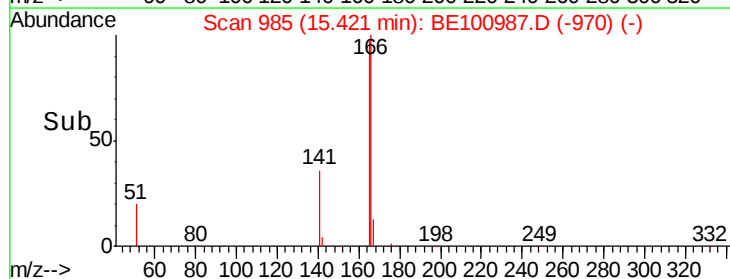
166 100

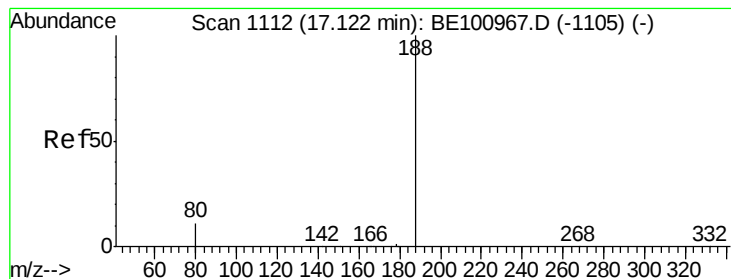
165 99.7 79.4 119.0

167 13.6 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: 17.11 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

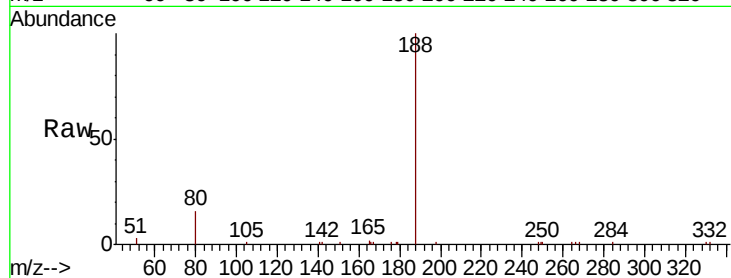
Tot Ion:188 Resp: 16940

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

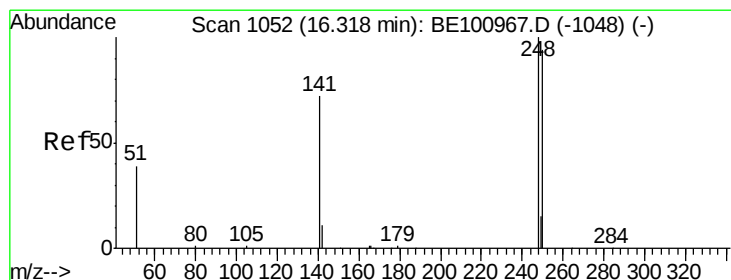
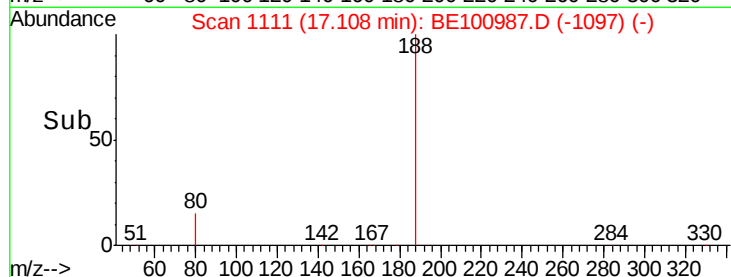
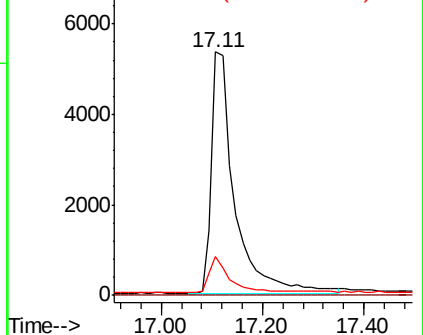
80 16.1 9.7 14.5#



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: 0.382 ng

RT: 16.32 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

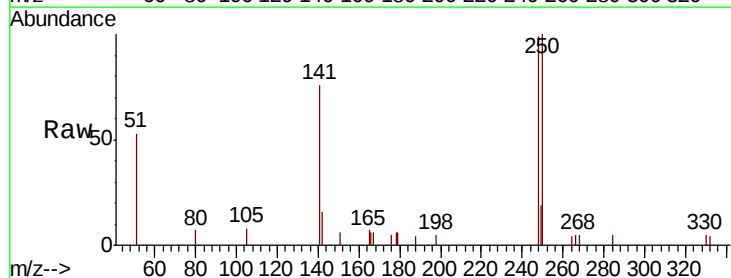
Tgt Ion:248 Resp: 2840

Ion Ratio Lower Upper

248 100

250 100.7 76.0 114.0

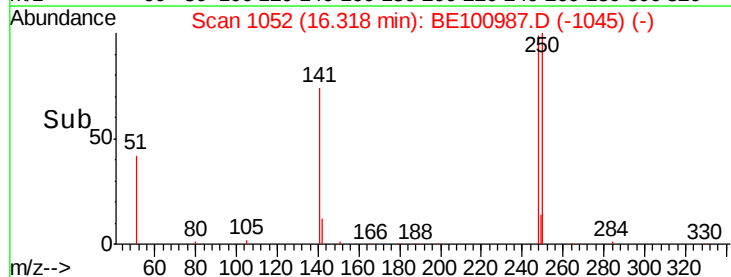
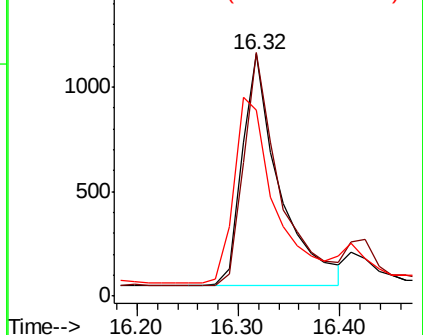
141 76.8 61.0 91.6

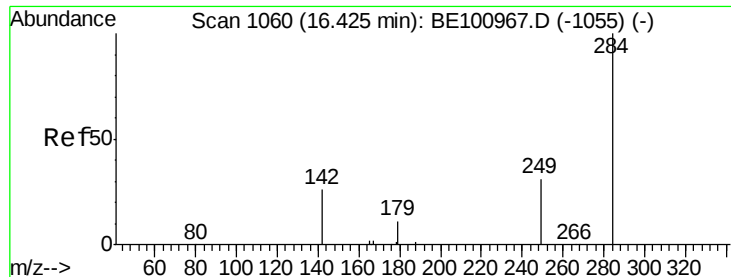


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.390 ng

RT: 16.43 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

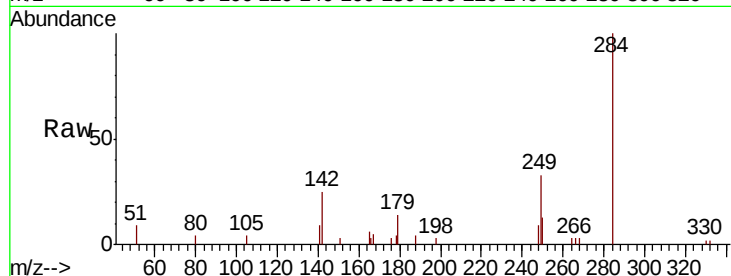
Tot Ion:284 Resp: 3425

Ion Ratio Lower Upper

284 100

142 43.4 33.3 49.9

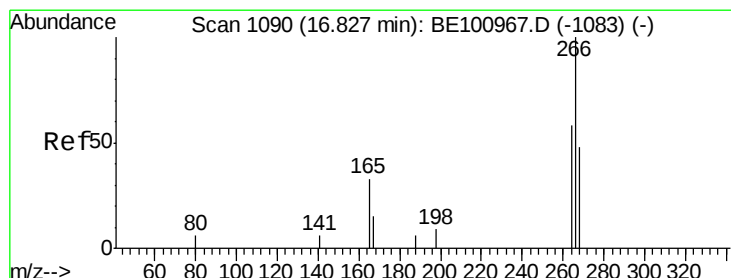
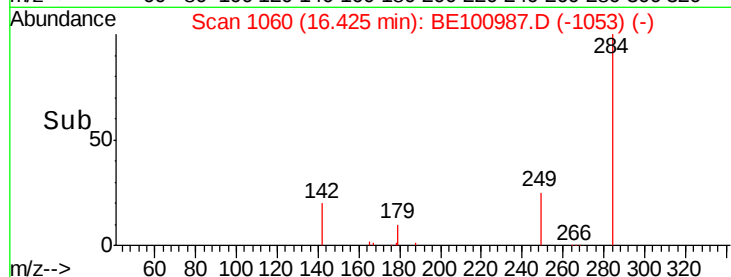
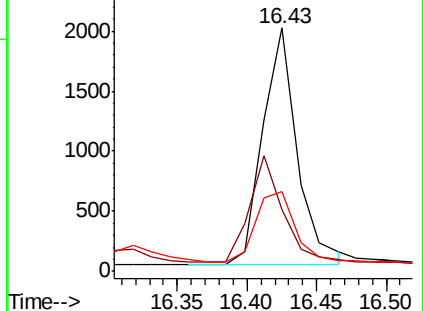
249 33.7 27.2 40.8



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: 0.383 ng

RT: 16.81 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

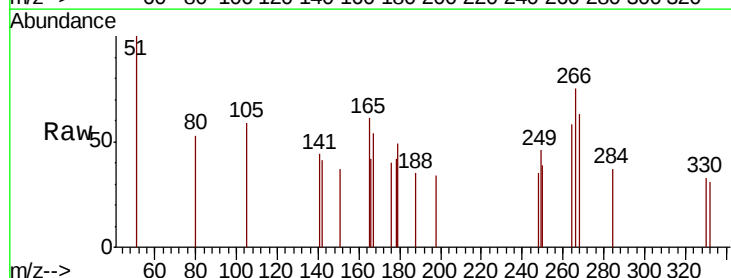
Tgt Ion:266 Resp: 304

Ion Ratio Lower Upper

266 100

264 78.1 62.3 93.5

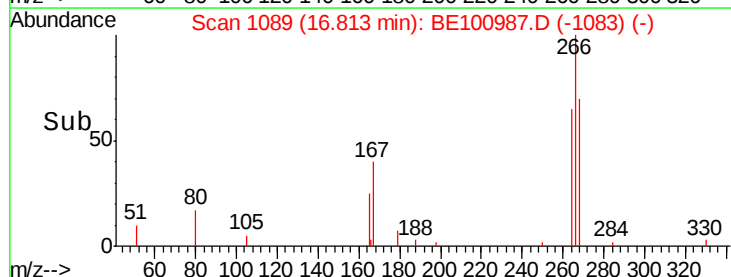
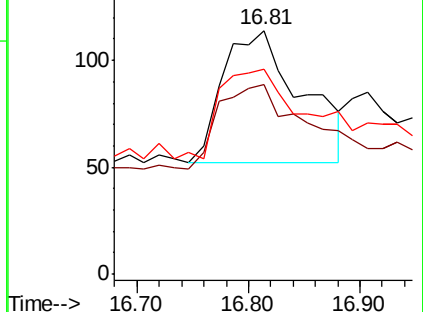
268 84.2 66.1 99.1

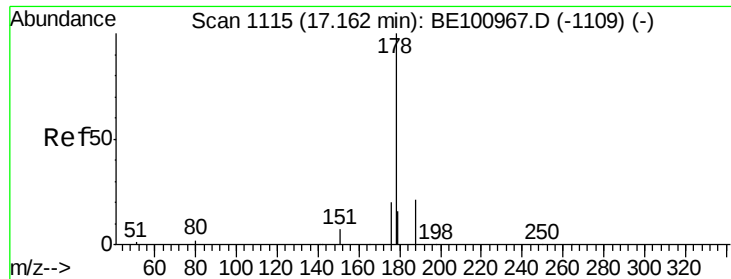


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.398 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

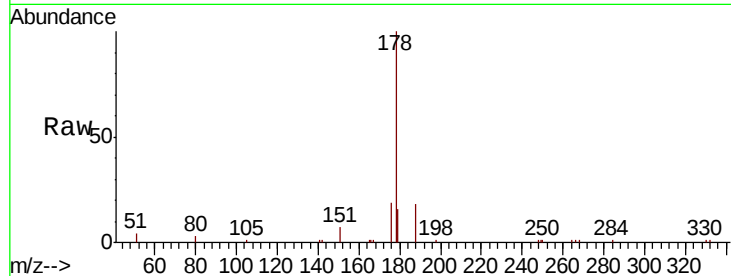
Tot Ion:178 Resp: 17371

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

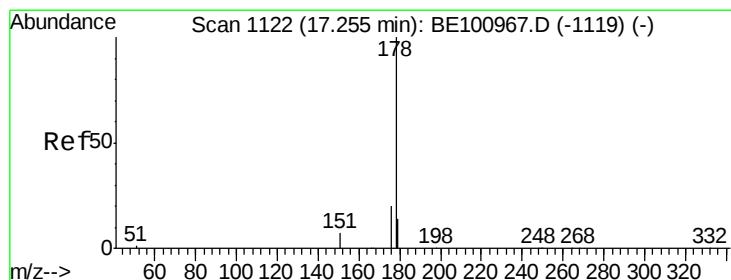
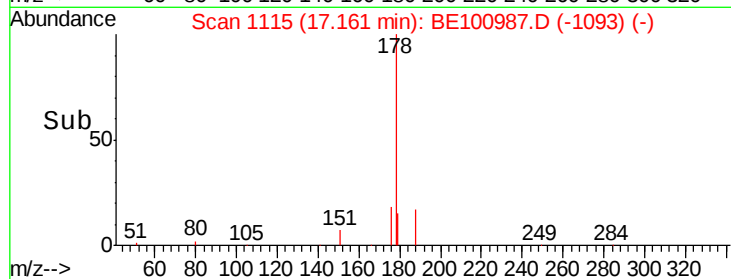
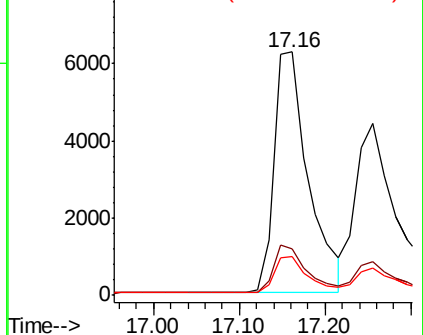
179 15.0 12.6 18.8



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: 0.236 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

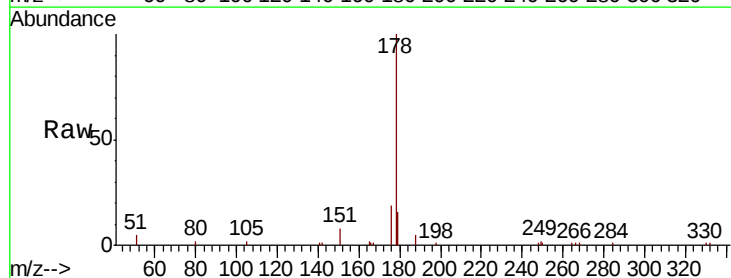
Tgt Ion:178 Resp: 10435

Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

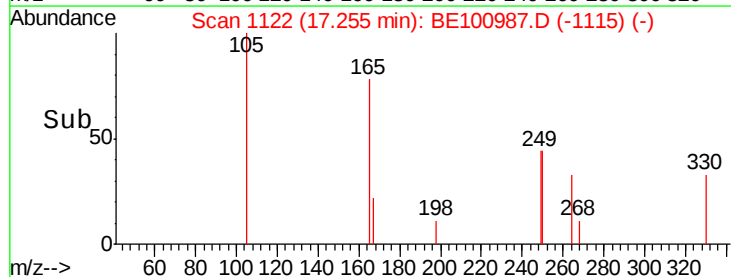
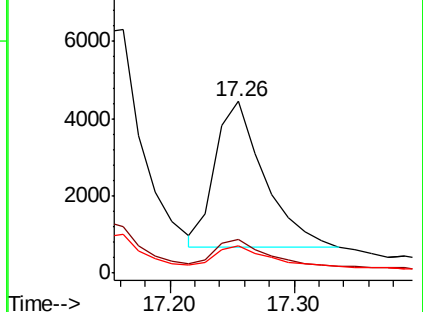
179 14.5 12.5 18.7

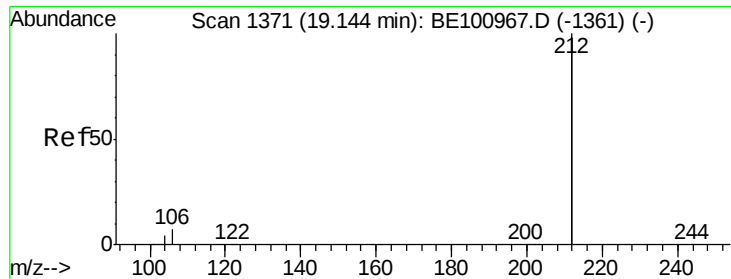


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

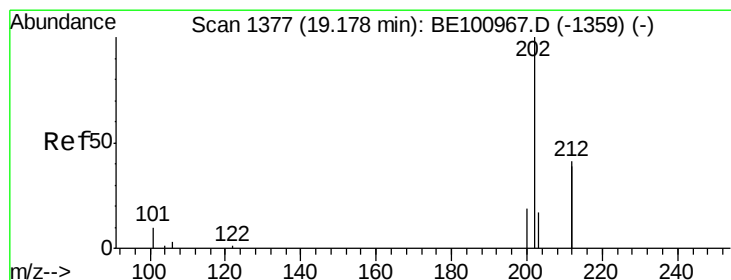
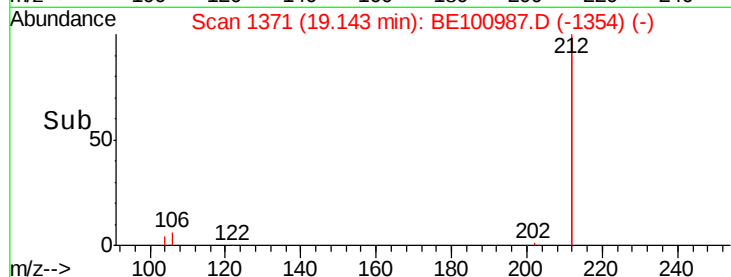
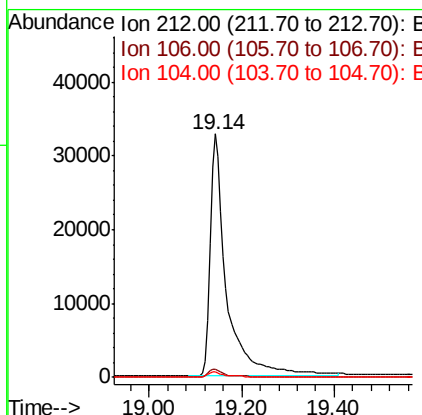
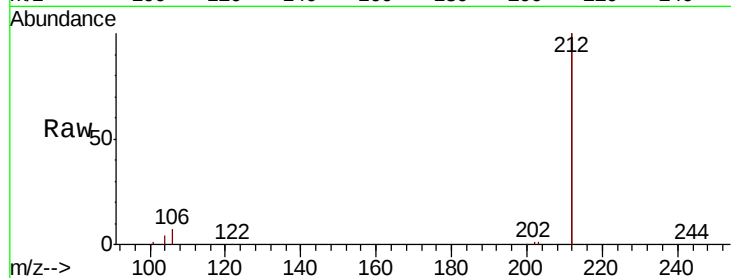




#25
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

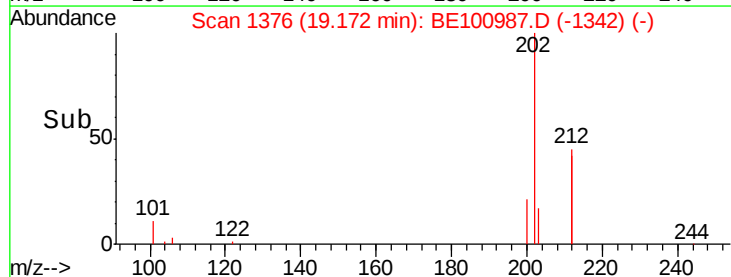
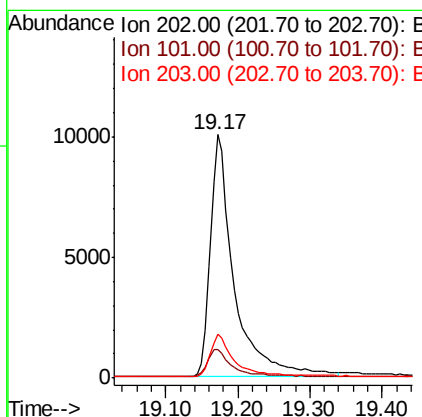
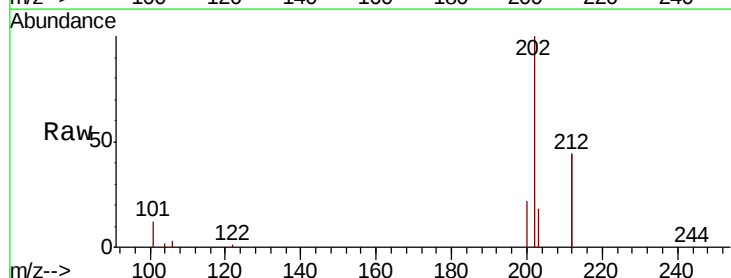
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

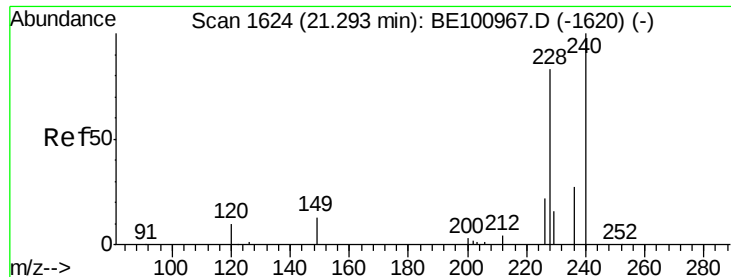
Tot Ion:212 Resp: 82077
Ion Ratio Lower Upper
212 100
106 3.2 2.4 3.6
104 1.7 1.4 2.0



#26
Fluoranthene
Concen: 0.388 ng
RT: 19.17 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion:202 Resp: 23083
Ion Ratio Lower Upper
202 100
101 11.8 9.0 13.4
203 17.2 13.2 19.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

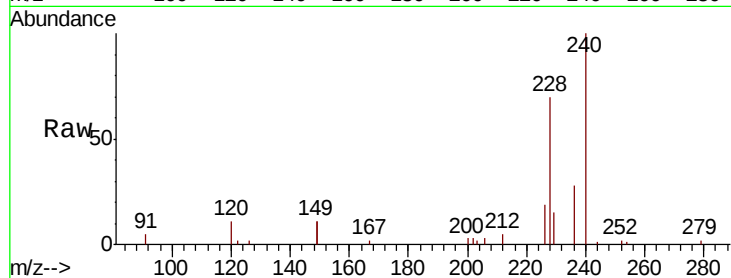
Tot Ion:240 Resp: 15404

Ion Ratio Lower Upper

240 100

120 11.1 10.2 15.4

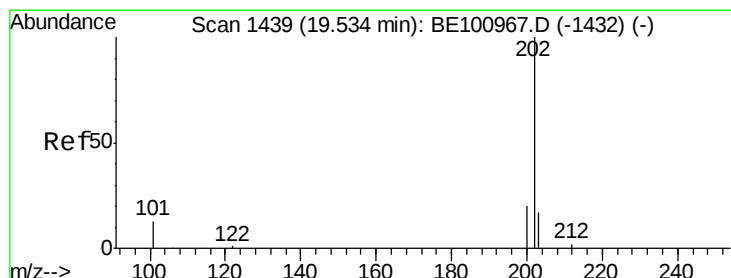
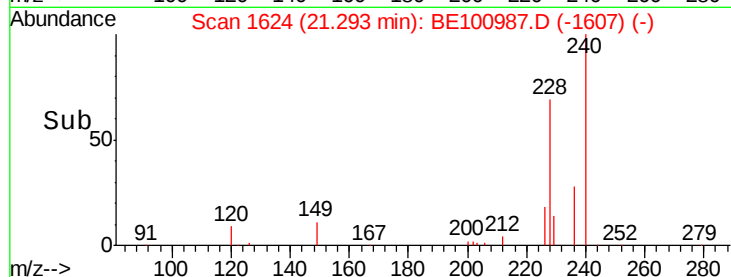
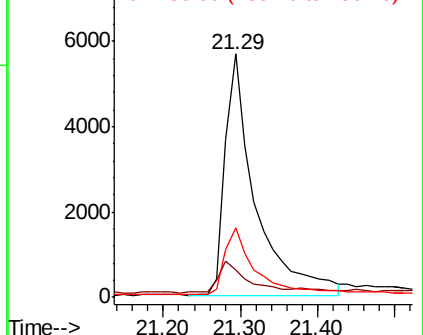
236 28.5 22.6 34.0



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: 0.450 ng

RT: 19.53 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

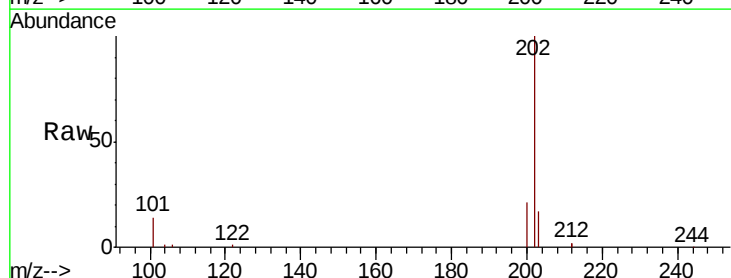
Tgt Ion:202 Resp: 24244

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

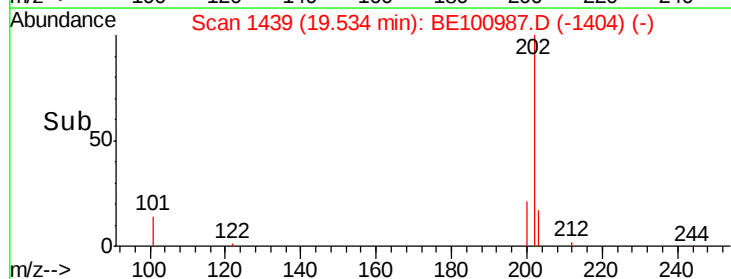
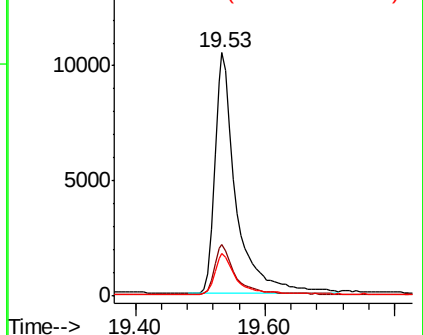
203 17.1 13.8 20.6

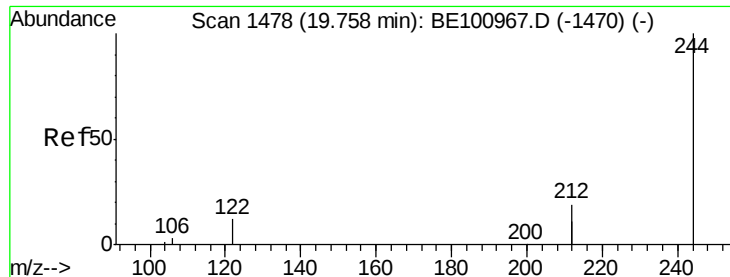


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.452 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

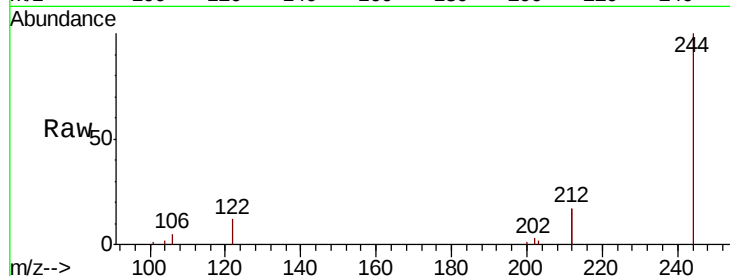
Tot Ion:244 Resp: 16017

Ion Ratio Lower Upper

244 100

212 34.0 29.3 43.9

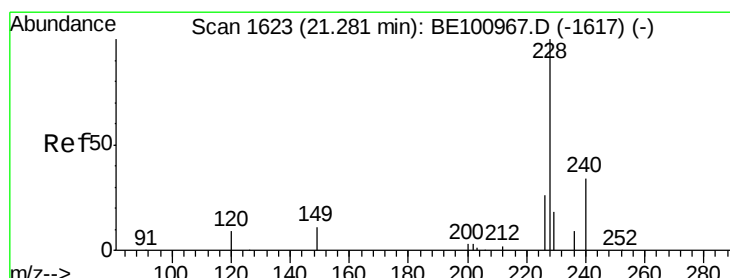
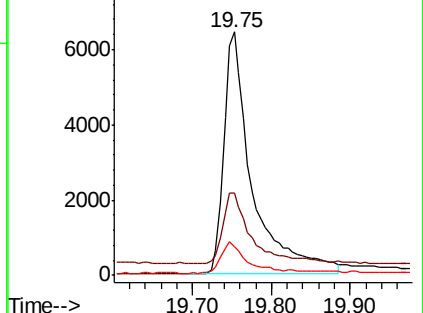
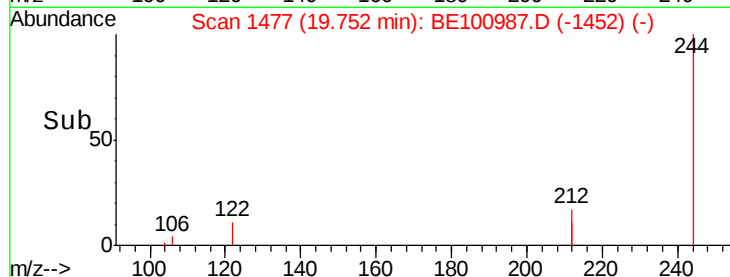
122 11.8 10.2 15.4



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: 0.422 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

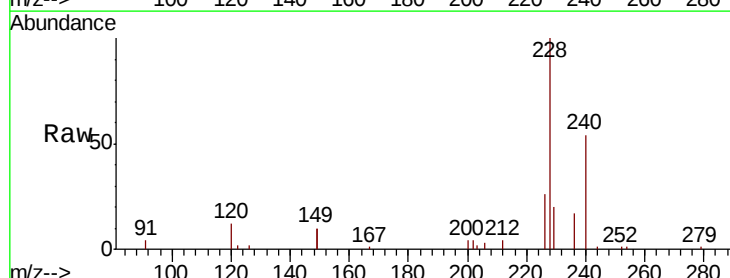
Tgt Ion:228 Resp: 15895

Ion Ratio Lower Upper

228 100

226 26.0 21.8 32.6

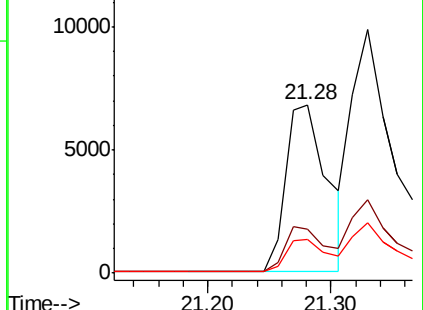
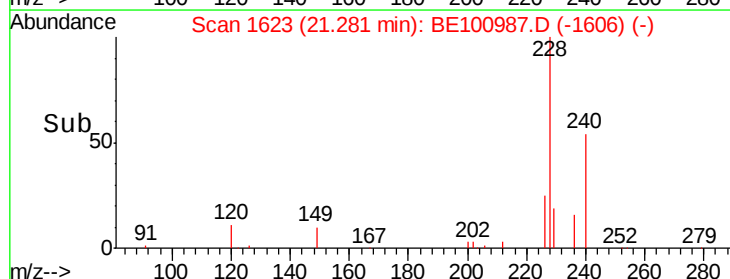
229 20.1 15.4 23.0

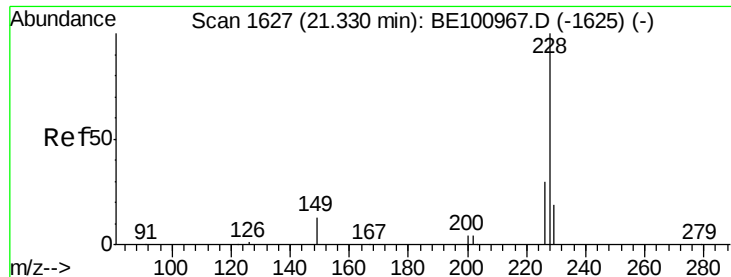


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.281 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

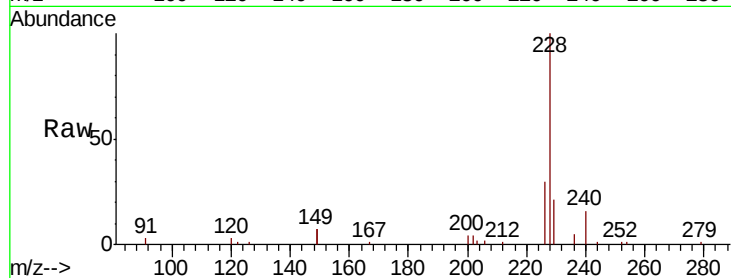
Tot Ion:228 Resp: 19697

Ion Ratio Lower Upper

228 100

226 30.1 23.6 35.4

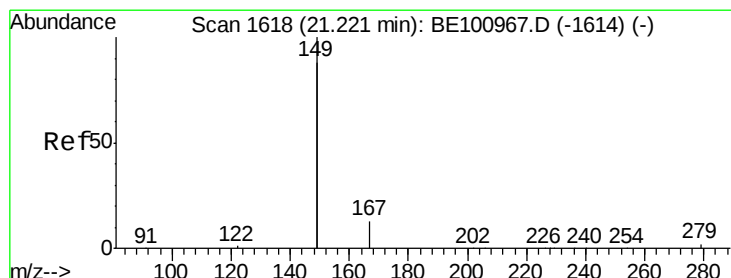
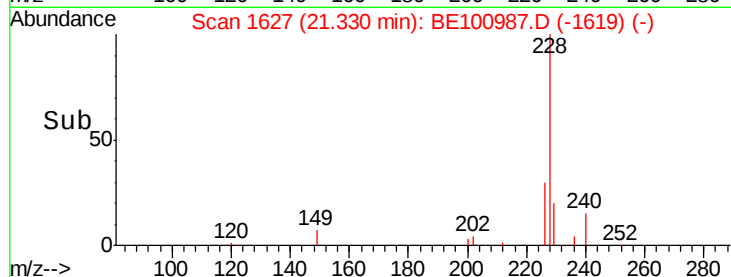
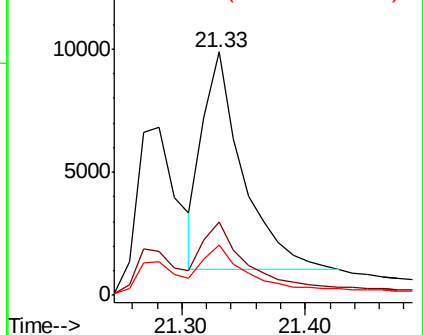
229 20.6 15.7 23.5



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: 0.393 ng

RT: 21.21 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

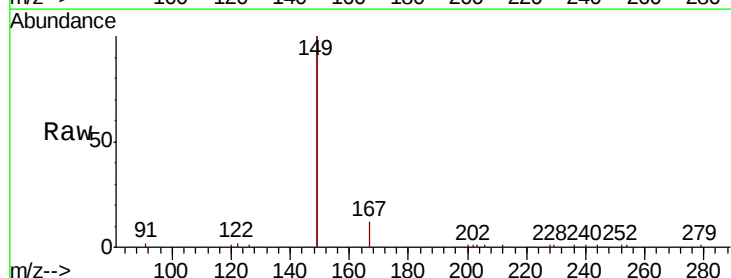
Tgt Ion:149 Resp: 26285

Ion Ratio Lower Upper

149 100

167 6.3 5.1 7.7

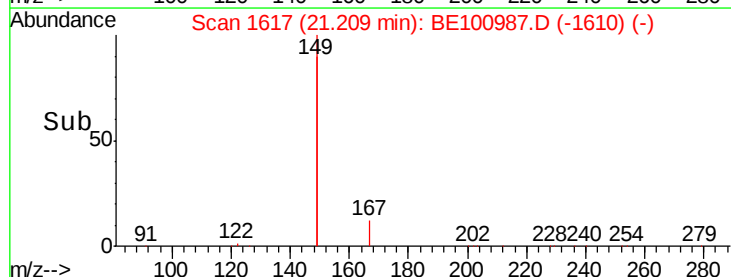
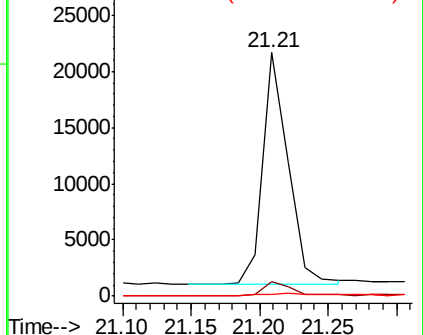
279 1.1 0.6 1.0#

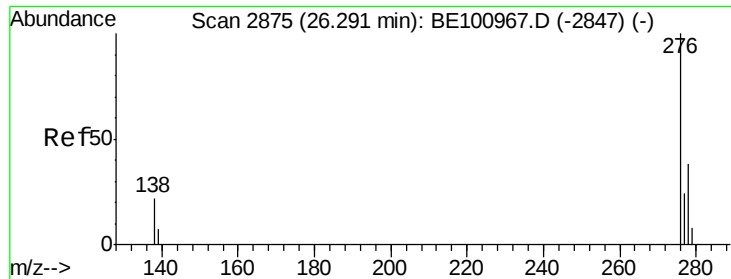


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.414 ng

RT: 26.28 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

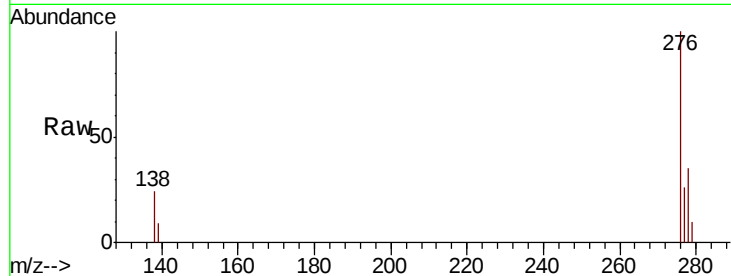
Tot Ion:276 Resp: 21874

Ion Ratio Lower Upper

276 100

138 24.9 14.8 22.2#

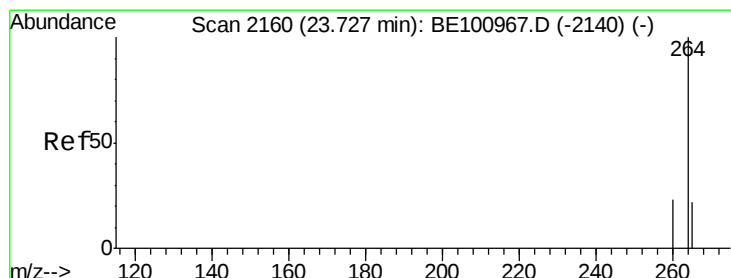
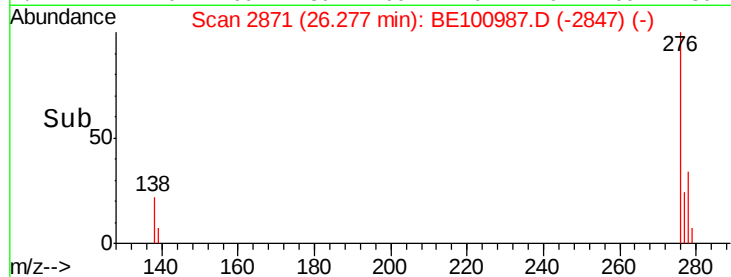
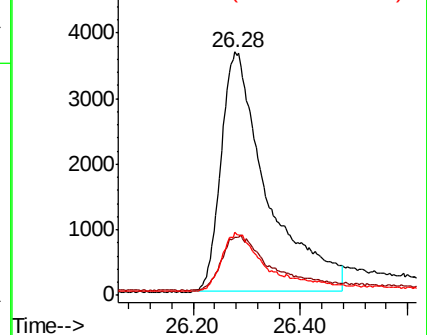
277 24.3 18.0 27.0



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: 23.72 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

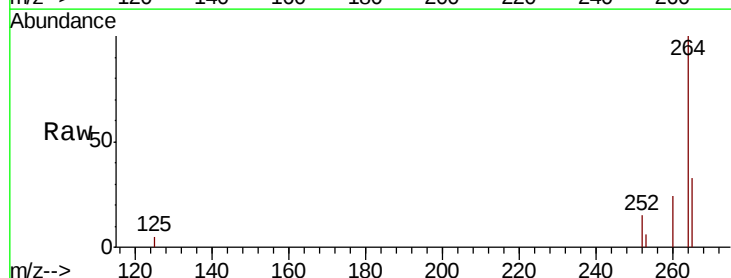
Tgt Ion:264 Resp: 17240

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

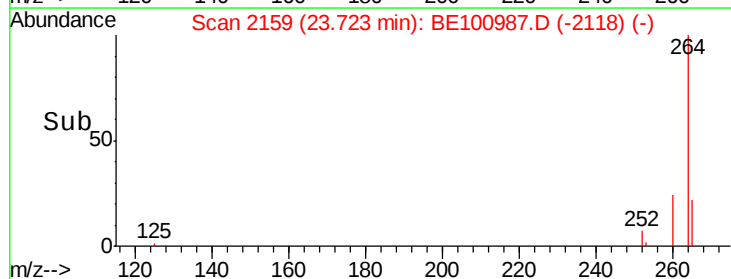
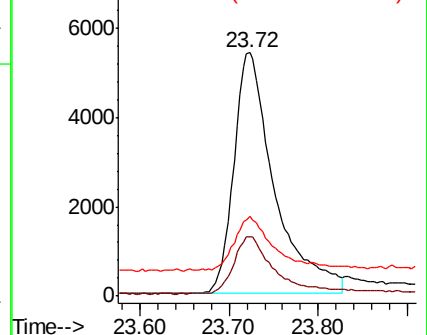
265 32.6 26.6 40.0

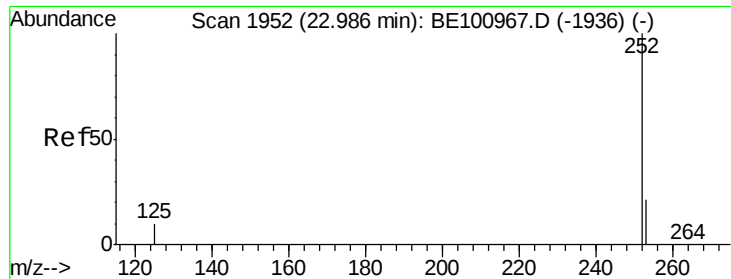


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.481 ng

RT: 22.98 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

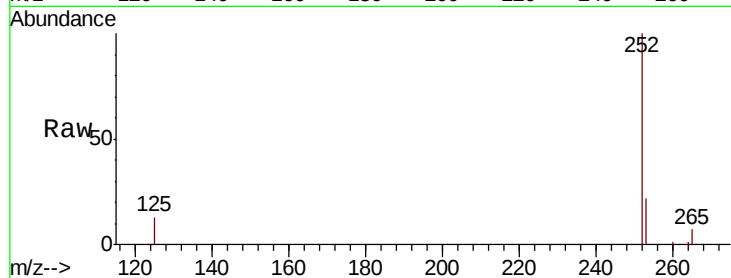
Tot Ion:252 Resp: 17460

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

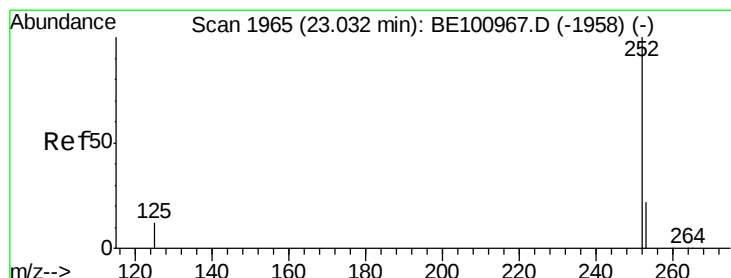
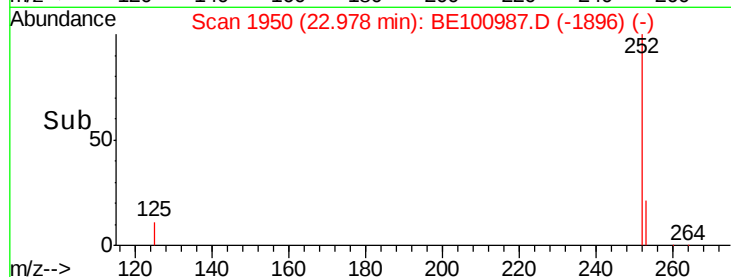
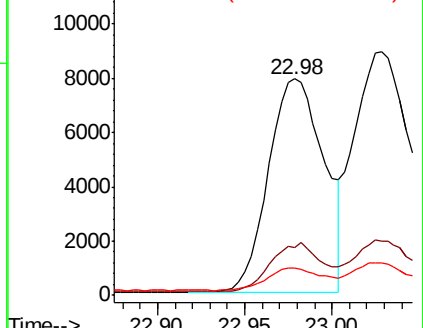
125 12.6 9.7 14.5



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: 0.362 ng

RT: 23.03 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

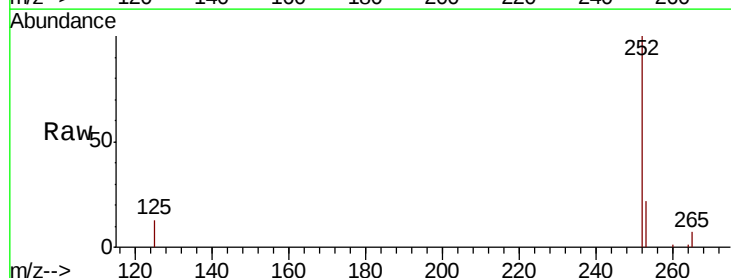
Tgt Ion:252 Resp: 24907

Ion Ratio Lower Upper

252 100

253 22.2 18.9 28.3

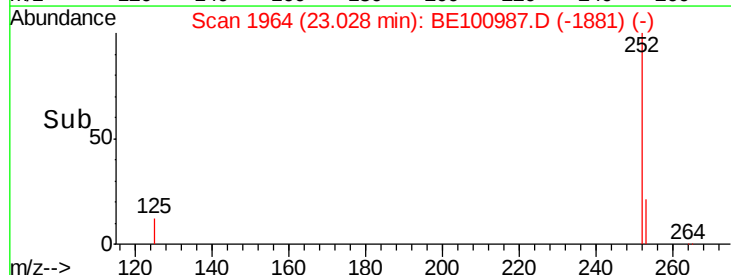
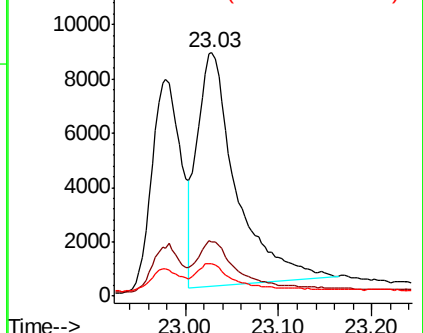
125 13.3 11.2 16.8

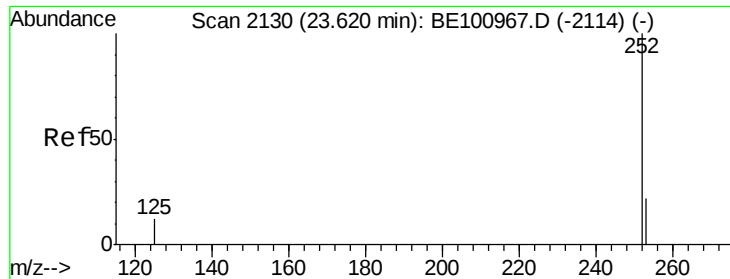


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.429 ng

RT: 23.62 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

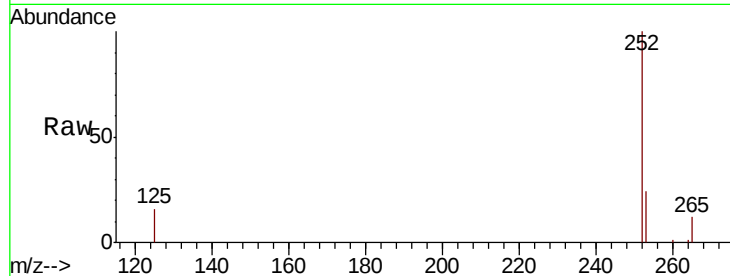
Tot Ion:252 Resp: 18162

Ion Ratio Lower Upper

252 100

253 24.2 20.1 30.1

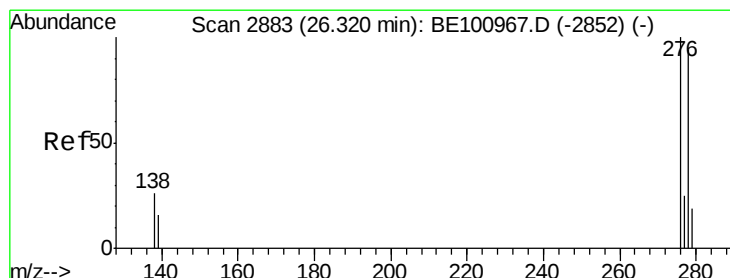
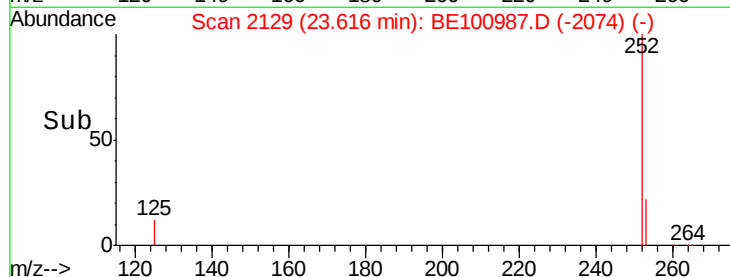
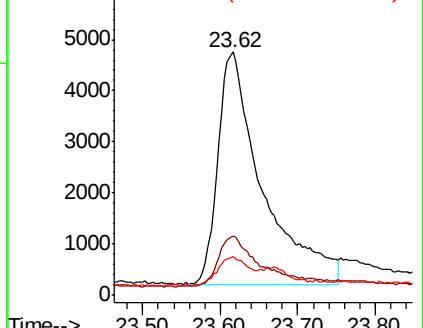
125 15.8 12.6 18.8



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: 0.426 ng

RT: 26.31 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

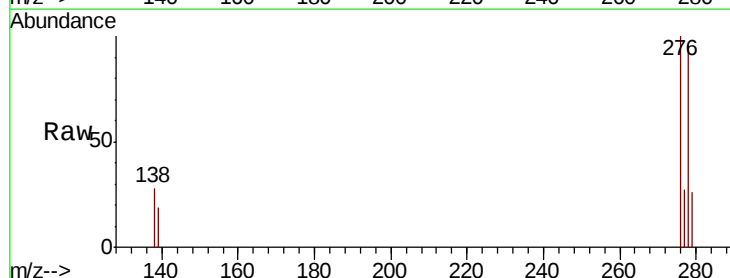
Tgt Ion:278 Resp: 16356

Ion Ratio Lower Upper

278 100

139 19.8 16.4 24.6

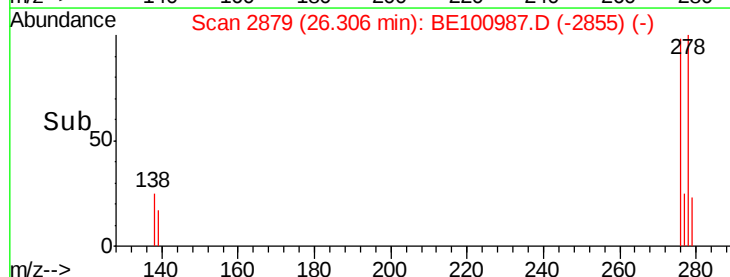
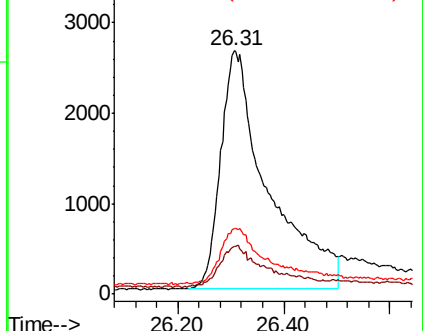
279 27.2 19.3 28.9

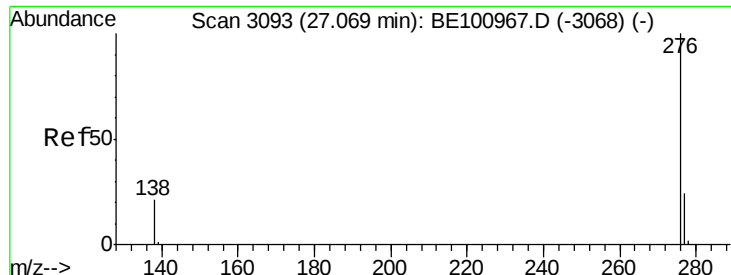


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.445 ng

RT: 27.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BE100987.D

Acq: 27 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

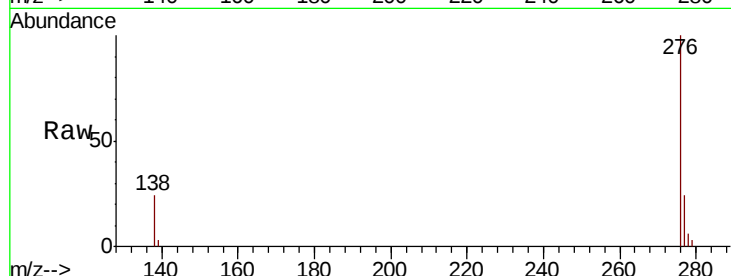
Tot Ion: 276 Resp: 20104

Ion Ratio Lower Upper

276 100

277 24.0 20.0 30.0

138 23.9 18.6 27.8



Abundance Ion 276.00 (275.70 to 276.70): E

6000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

