

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE020720\
 Data File : BE101135.D
 Acq On : 7 Feb 2020 13:12
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Feb 07 15:24:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	1560	0.40	ng	-0.02
7) Naphthalene-d8	10.50	136	7232	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4917	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	12115	0.40	ng	-0.01
27) Chrysene-d12	21.27	240	13372	0.40	ng	-0.01
34) Perylene-d12	23.69	264	15507	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	1492	0.42	ng	-0.01
5) Phenol-d6	6.93	99	1552	0.35	ng	0.01
8) Nitrobenzene-d5	8.88	82	1917	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.10	152	5465	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	254	0.18	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	6707	0.36	ng	-0.01
25) Fluoranthene-d10	19.12	212	71213	0.42	ng	-0.02
29) Terphenyl-d14	19.72	244	11869	0.36	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	1536	0.412	ng	95
3) n-Nitrosodimethylamine	3.59	42	840	0.387	ng	# 91
6) bis(2-Chloroethyl)ether	7.16	93	1405	0.266	ng	# 93
9) Naphthalene	10.55	128	31823	0.396	ng	99
10) Hexachlorobutadiene	10.83	225	1483	0.436	ng	98
12) 2-Methylnaphthalene	12.17	142	4449	0.366	ng	100
16) Acenaphthylene	14.07	152	7676	0.383	ng	100
17) Acenaphthene	14.40	154	5304	0.370	ng	99
18) Fluorene	15.39	166	6871	0.379	ng	100
20) 4-Bromophenyl-phenylether	16.29	248	2383	0.403	ng	96
21) Hexachlorobenzene	16.40	284	2548	0.393	ng	96
22) Pentachlorophenol	16.72	266	2	0.251	ng	# 76
23) Phenanthrene	17.12	178	11600	0.351	ng	99
24) Anthracene	17.23	178	12574	0.403	ng	99
26) Fluoranthene	19.14	202	16938	0.409	ng	100
28) Pyrene	19.51	202	17699	0.356	ng	99
30) Benzo(a)anthracene	21.25	228	15038	0.394	ng	99
31) Chrysene	21.31	228	22222	0.392	ng	98
32) Bis(2-ethylhexyl)phthalate	21.18	149	34337	0.540	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.24	276	19483	0.435	ng	# 93
35) Benzo(b)fluoranthene	22.95	252	14410	0.331	ng	97
36) Benzo(k)fluoranthene	22.99	252	21718	0.345	ng	100
37) Benzo(a)pyrene	23.58	252	16342	0.388	ng	99
38) Dibenzo(a,h)anthracene	26.27	278	15465	0.400	ng	# 91
39) Benzo(g,h,i)perylene	27.01	276	16992	0.357	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.71 min Scan# 420

Delta R.T. -0.02 min

Lab File: BE101135.D

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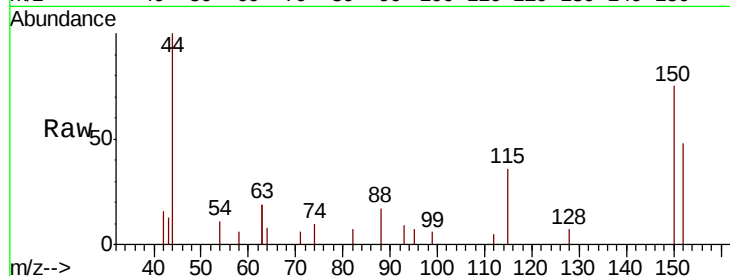
Tot Ion:152 Resp: 1560

Ion Ratio Lower Upper

152 100

150 157.6 120.3 180.5

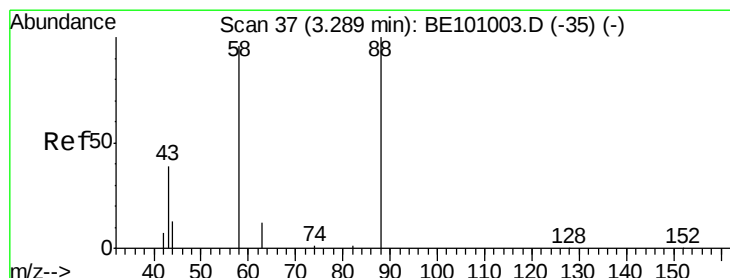
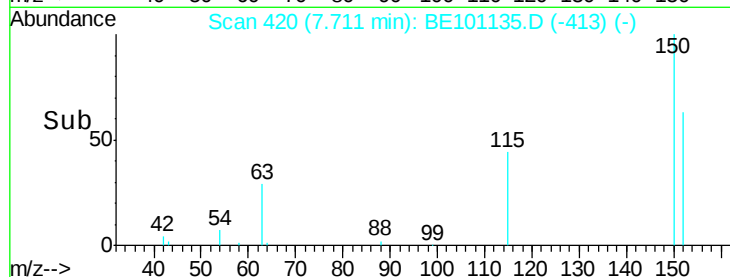
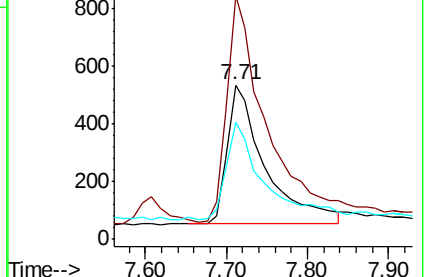
115 75.7 51.7 77.5



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: 0.412 ng

RT: 3.27 min Scan# 34

Delta R.T. -0.02 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

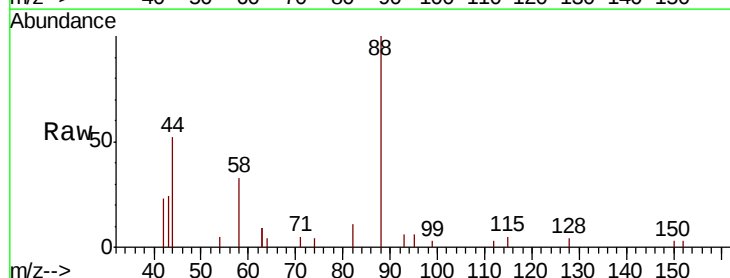
Tgt Ion: 88 Resp: 1536

Ion Ratio Lower Upper

88 100

58 71.3 53.0 79.4

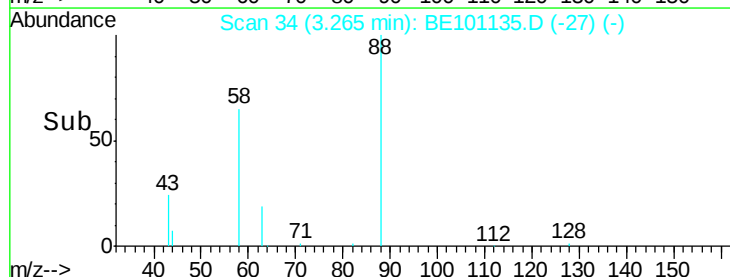
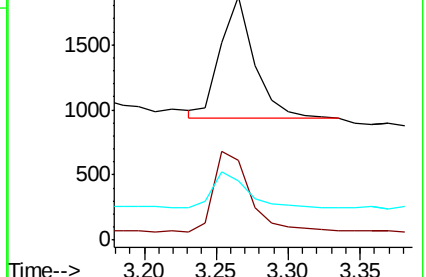
43 30.7 23.4 35.2



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: 0.387 ng

RT: 3.59 min Scan# 62

Delta R.T. -0.02 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

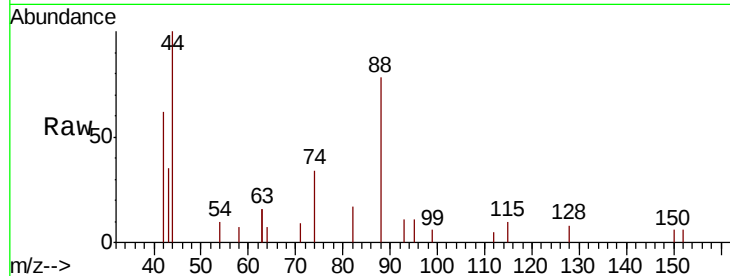
Tot Ion: 42 Resp: 840

Ion Ratio Lower Upper

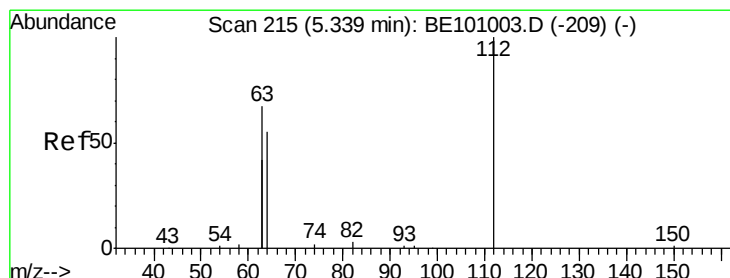
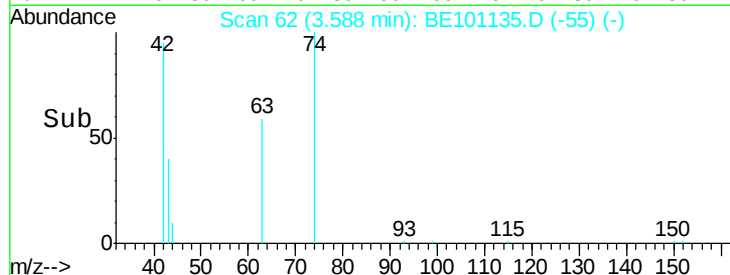
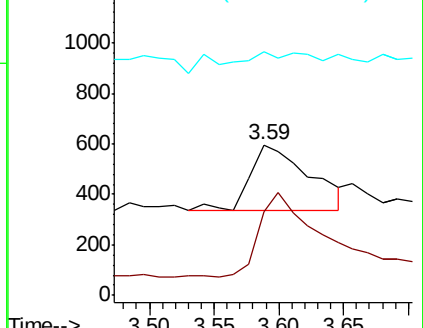
42 100

74 124.3 105.7 158.5

44 24.4 10.0 15.0#



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: 0.425 ng

RT: 5.33 min Scan# 213

Delta R.T. -0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

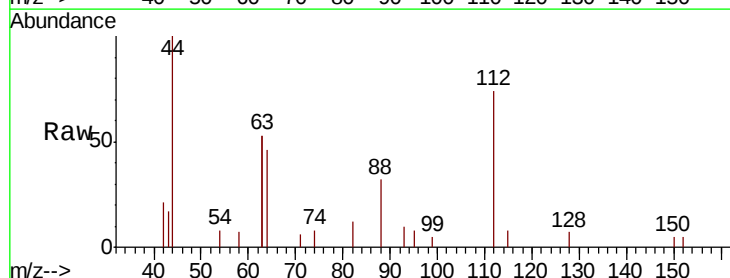
Tgt Ion: 112 Resp: 1492

Ion Ratio Lower Upper

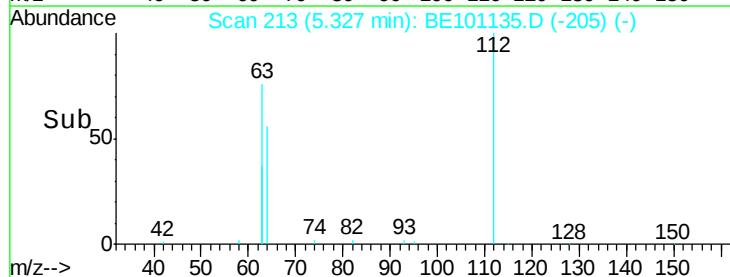
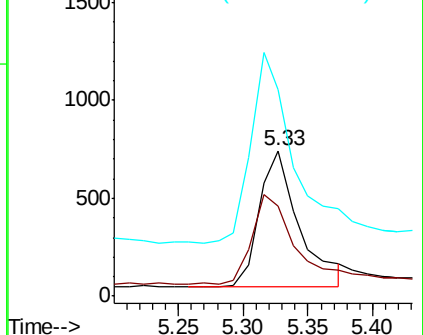
112 100

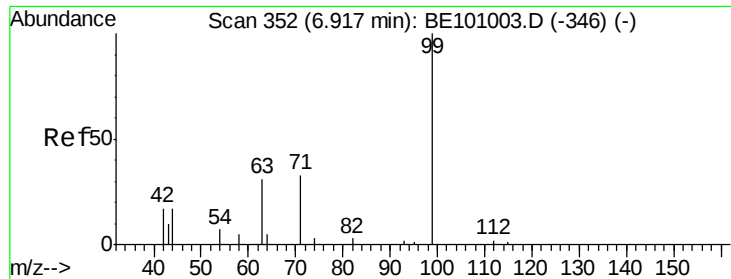
64 70.2 53.6 80.4

63 149.3 114.6 172.0



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: 0.349 ng

RT: 6.93 min Scan# 352

Delta R.T. 0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

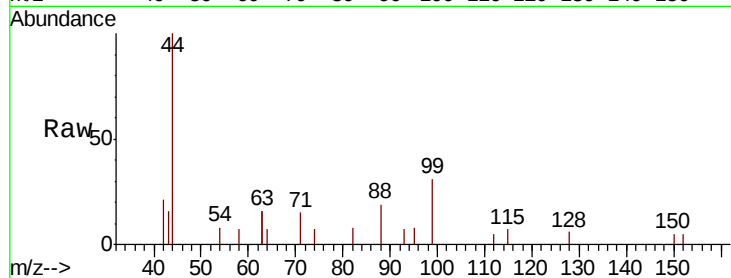
Tot Ion: 99 Resp: 1552

Ion Ratio Lower Upper

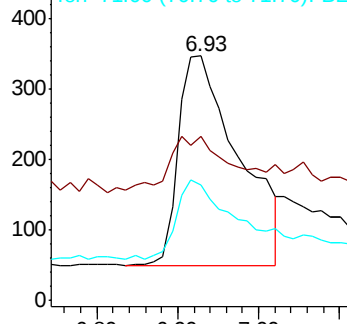
99 100

42 0.0 18.3 27.5#

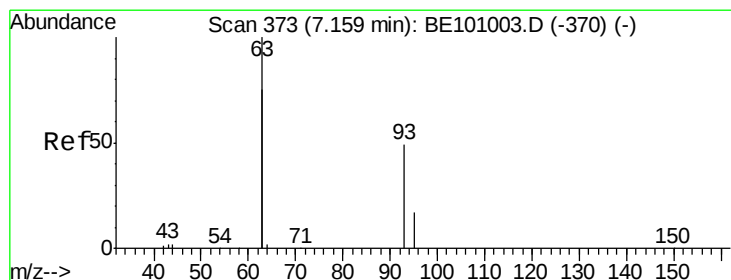
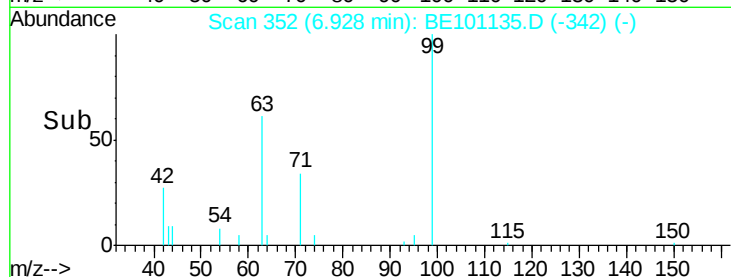
71 35.7 28.0 42.0



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



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.266 ng

RT: 7.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

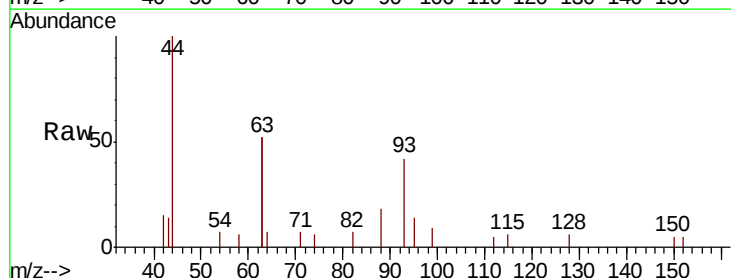
Tgt Ion: 93 Resp: 1405

Ion Ratio Lower Upper

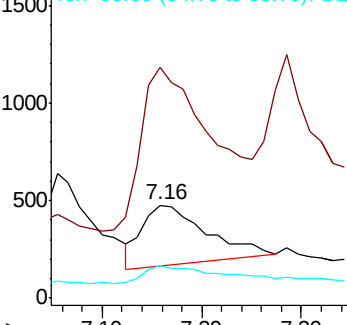
93 100

63 303.9 233.9 350.9

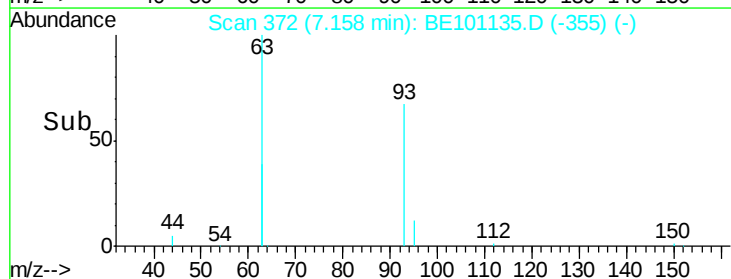
95 37.4 23.5 35.3#



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



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 7232

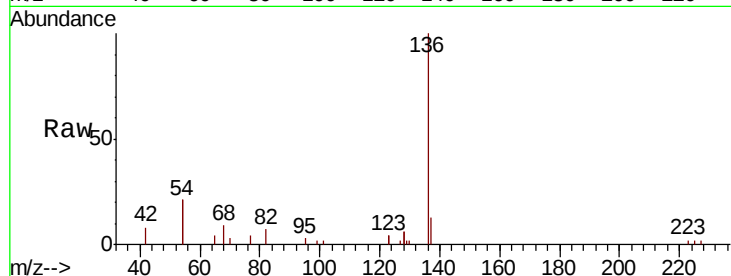
Ion Ratio Lower Upper

136 100

137 12.8 9.3 13.9

54 42.5 36.8 55.2

68 9.5 8.4 12.6

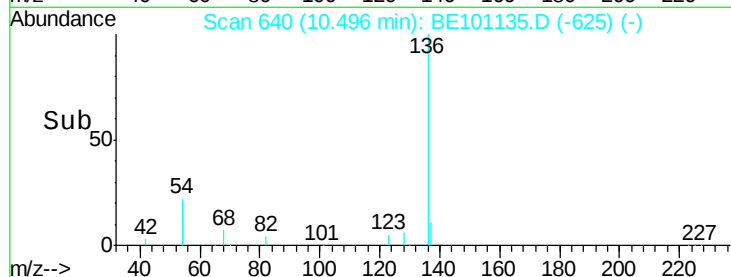
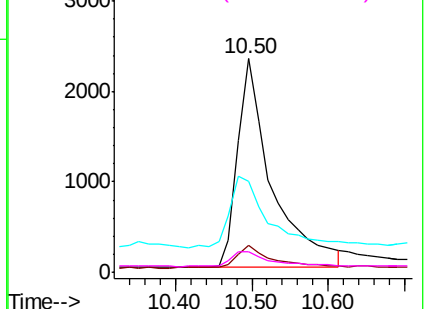


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.371 ng

RT: 8.88 min Scan# 516

Delta R.T. 0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

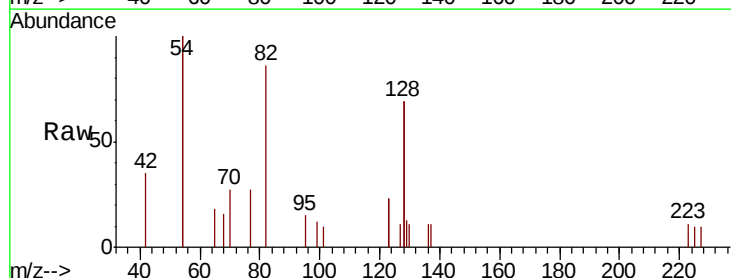
Tgt Ion: 82 Resp: 1917

Ion Ratio Lower Upper

82 100

128 159.9 109.8 164.6

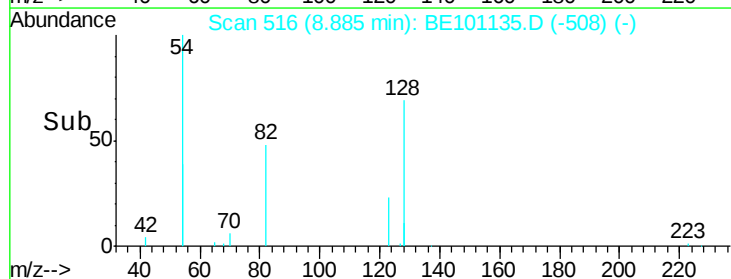
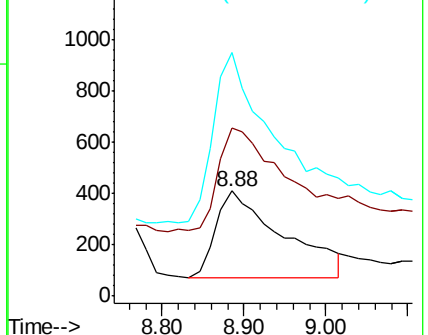
54 232.3 174.5 261.7



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.396 ng

RT: 10.55 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

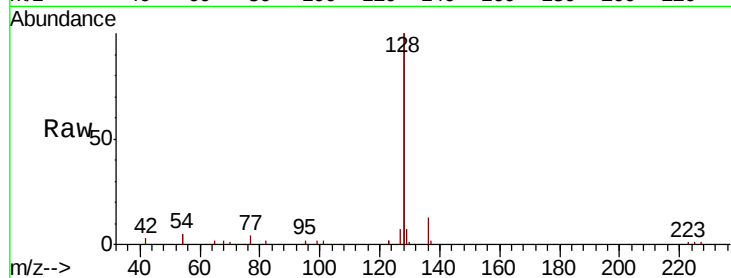
Tot Ion:128 Resp: 31823

Ion Ratio Lower Upper

128 100

129 3.3 2.3 3.5

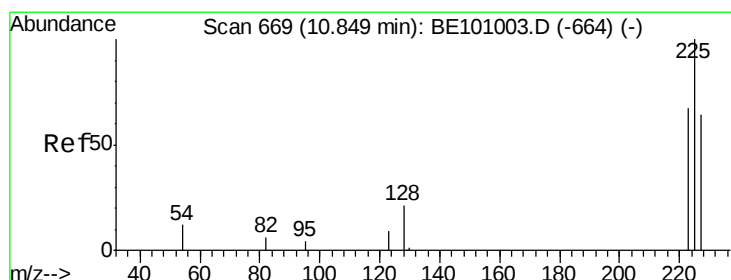
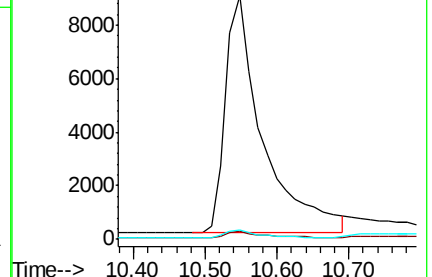
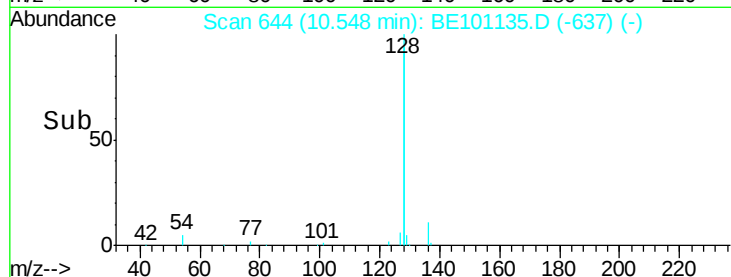
127 3.6 2.7 4.1



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: 0.436 ng

RT: 10.83 min Scan# 666

Delta R.T. -0.02 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

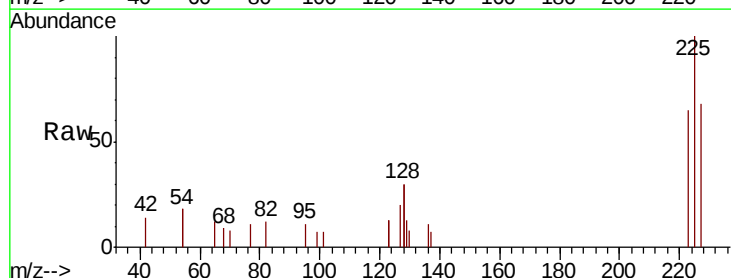
Tgt Ion:225 Resp: 1483

Ion Ratio Lower Upper

225 100

223 63.5 52.2 78.4

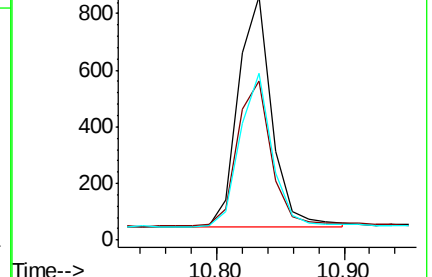
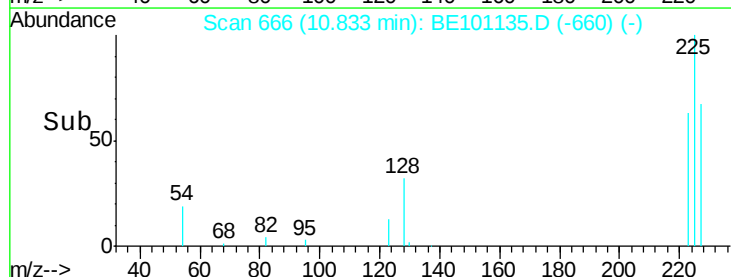
227 63.9 49.9 74.9

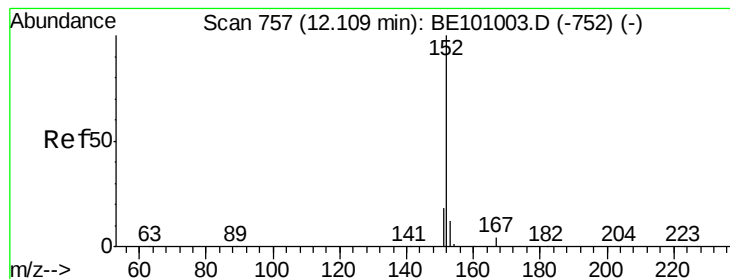


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 12.10 min Scan# 755

Delta R.T. -0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

Instrument :

BNA_E

ClientSampleId :

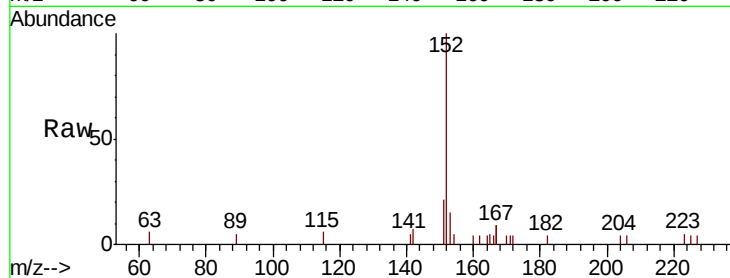
SSTDCCC0.4

Tot Ion:152 Resp: 5465

Ion Ratio Lower Upper

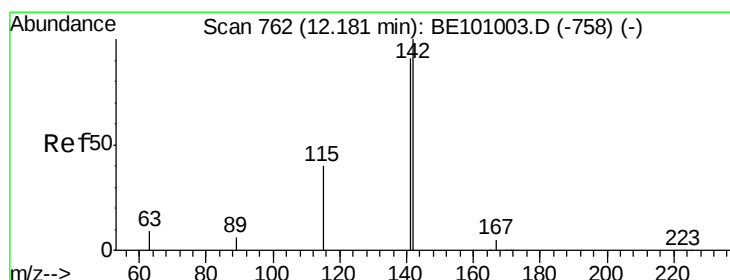
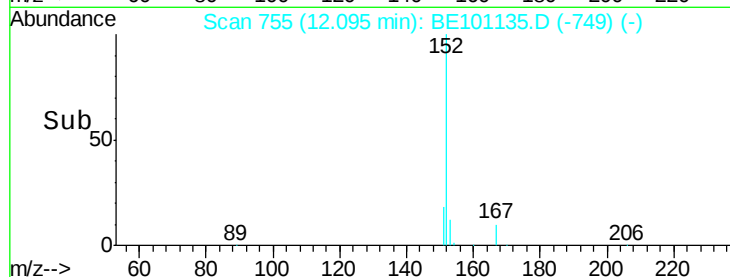
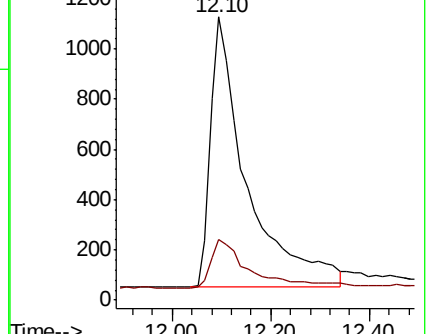
152 100

151 19.3 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.366 ng

RT: 12.17 min Scan# 760

Delta R.T. -0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

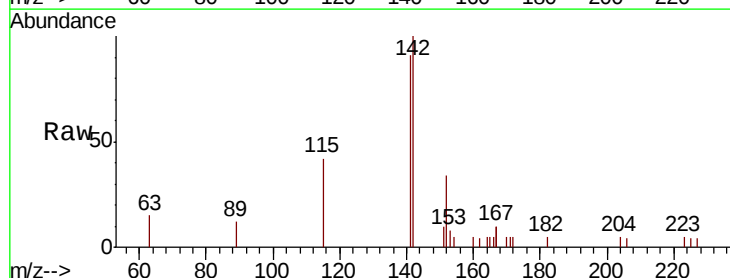
Tgt Ion:142 Resp: 4449

Ion Ratio Lower Upper

142 100

141 90.8 72.5 108.7

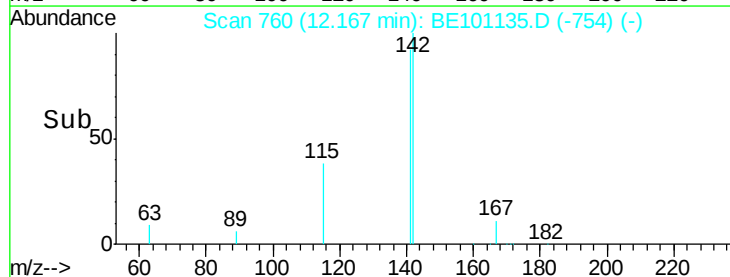
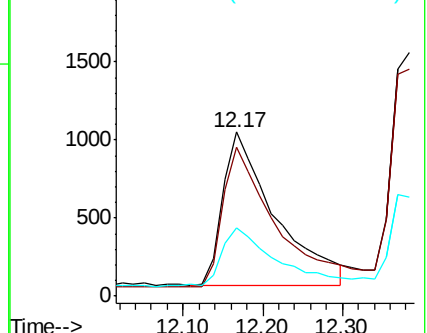
115 41.9 33.0 49.6



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





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 911

Delta R.T. -0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

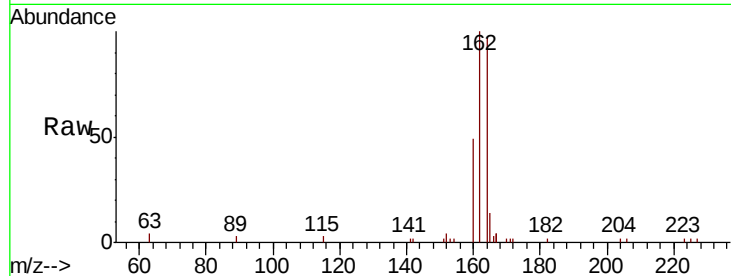
Tot Ion:164 Resp: 4917

Ion Ratio Lower Upper

164 100

162 103.5 84.1 126.1

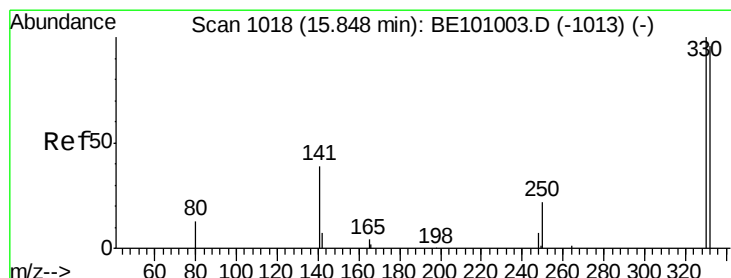
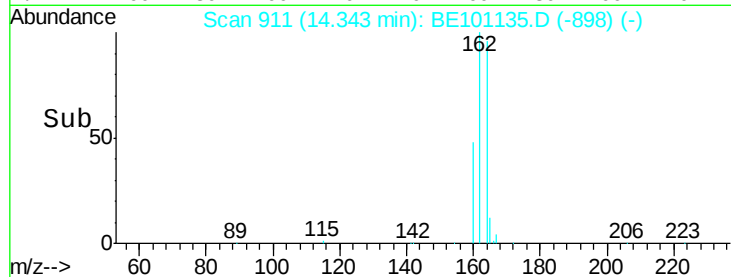
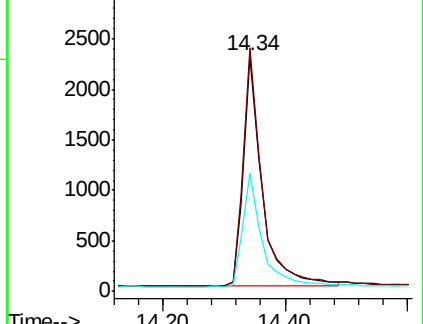
160 50.5 40.4 60.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.183 ng

RT: 15.85 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

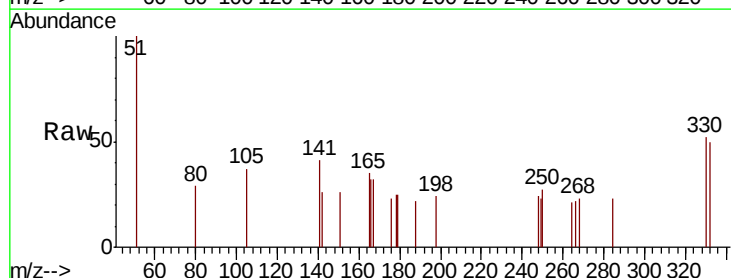
Tgt Ion:330 Resp: 254

Ion Ratio Lower Upper

330 100

332 100.0 78.4 117.6

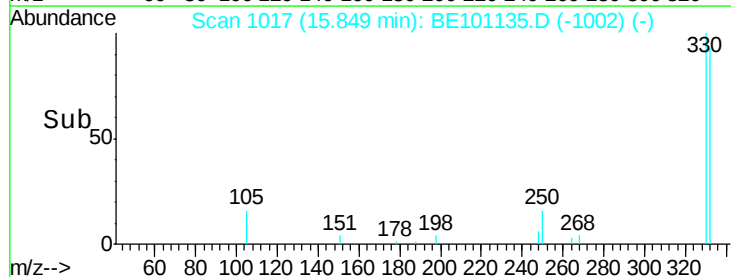
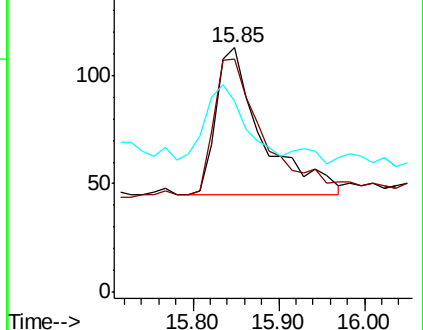
141 42.9 37.0 55.4

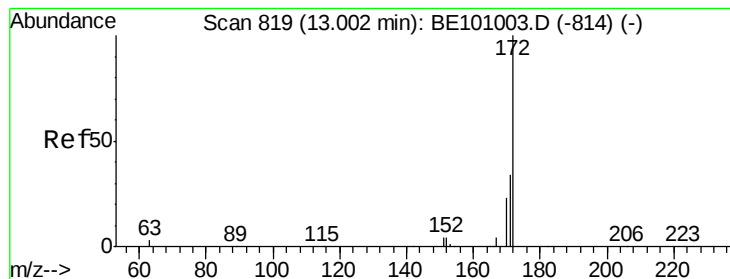


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

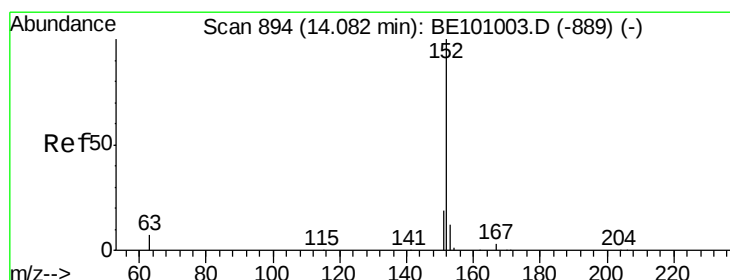
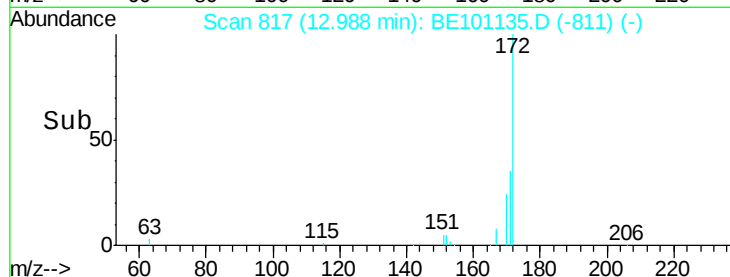
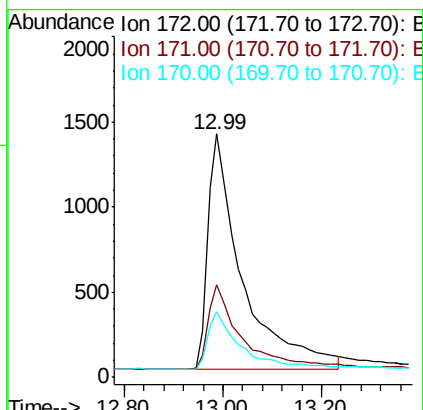
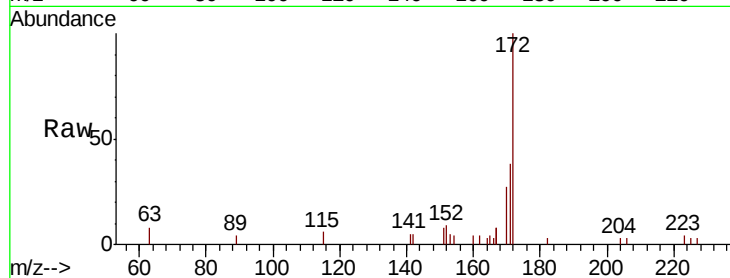




#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

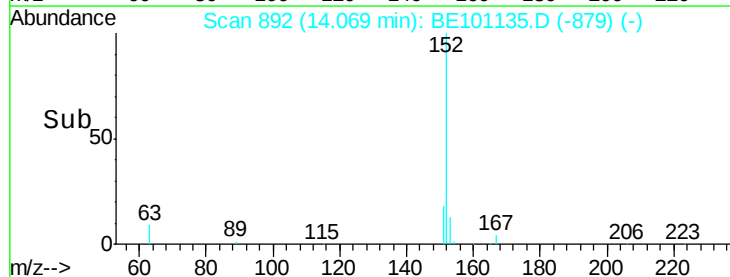
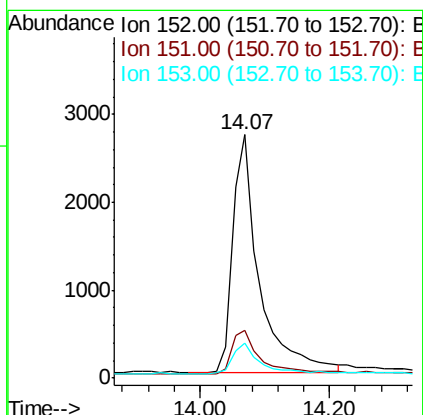
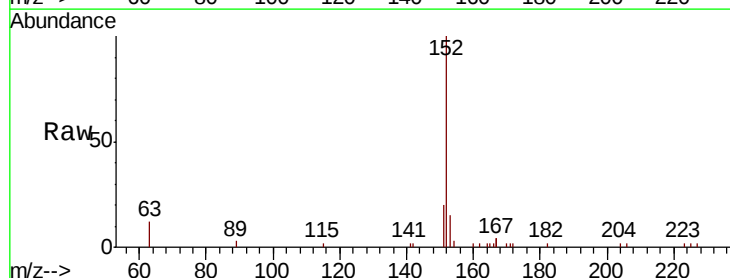
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

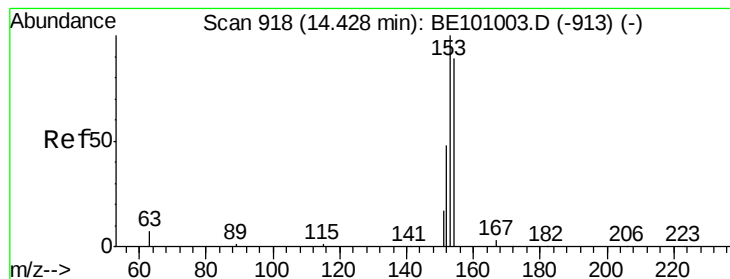
Tot Ion:172 Resp: 6707
Ion Ratio Lower Upper
172 100
171 37.9 28.2 42.2
170 26.8 18.9 28.3



#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:152 Resp: 7676
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.370 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.03 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

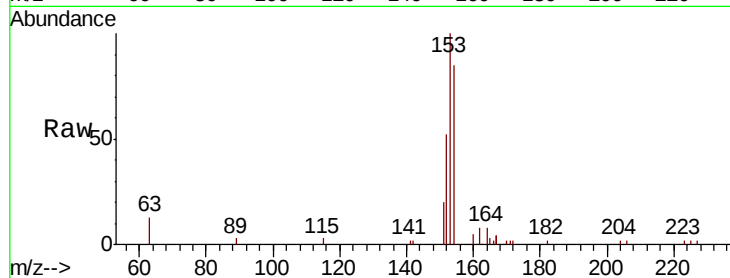
Tot Ion:154 Resp: 5304

Ion Ratio Lower Upper

154 100

153 116.0 93.6 140.4

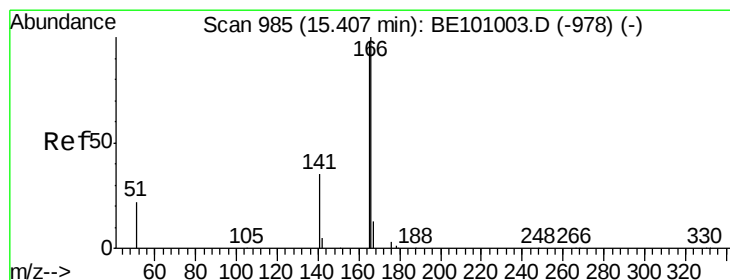
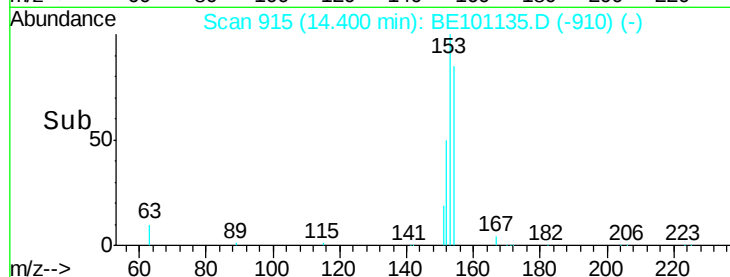
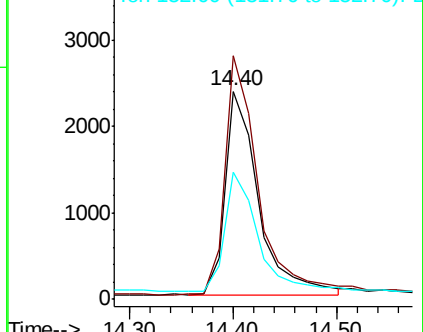
152 58.1 46.3 69.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.379 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

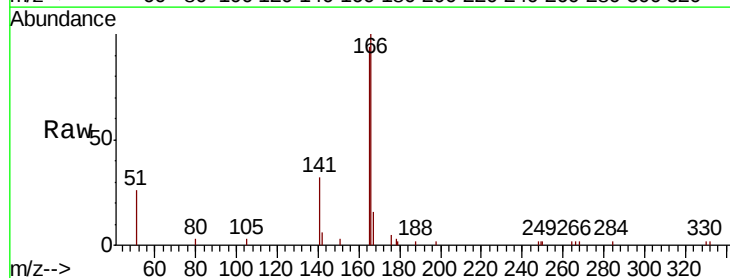
Tgt Ion:166 Resp: 6871

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

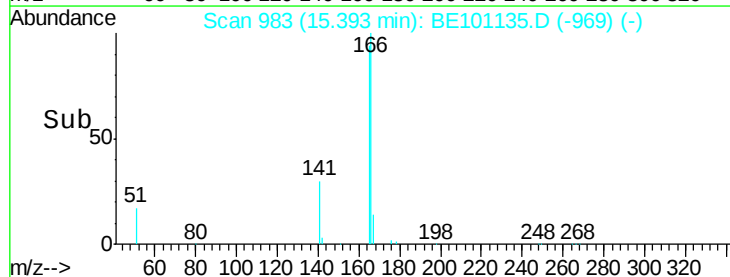
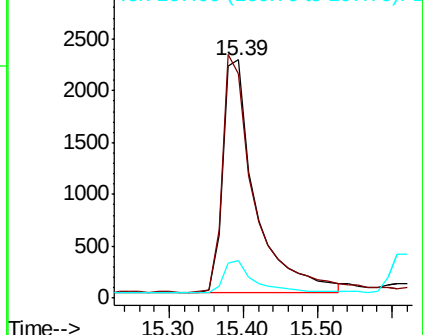
167 13.5 11.0 16.6



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: 17.08 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

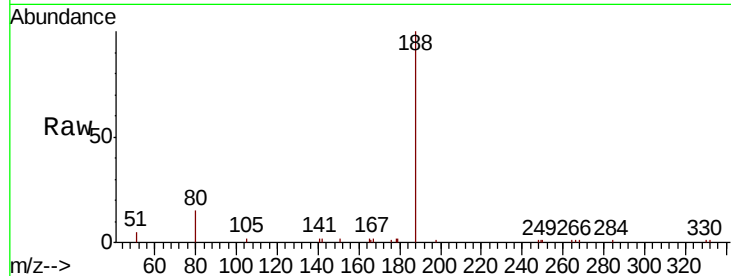
Tot Ion:188 Resp: 12115

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

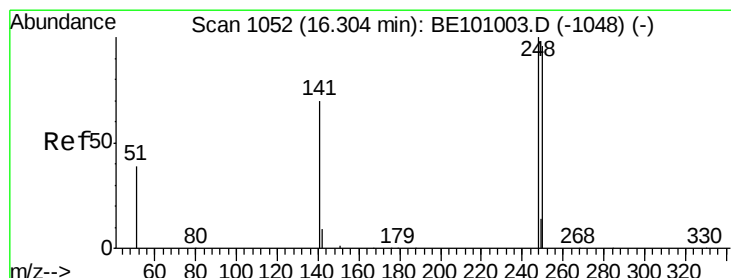
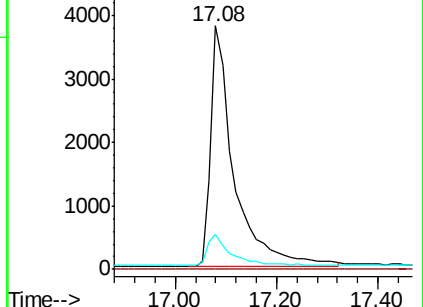
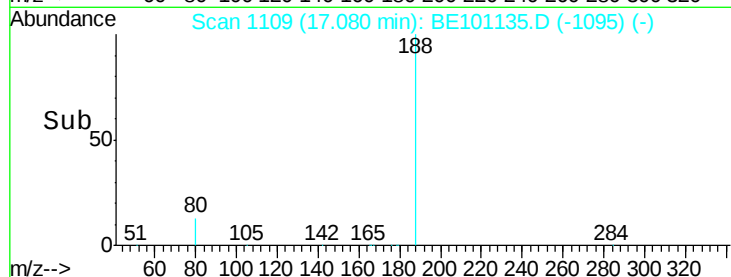
80 14.5 10.8 16.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.403 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

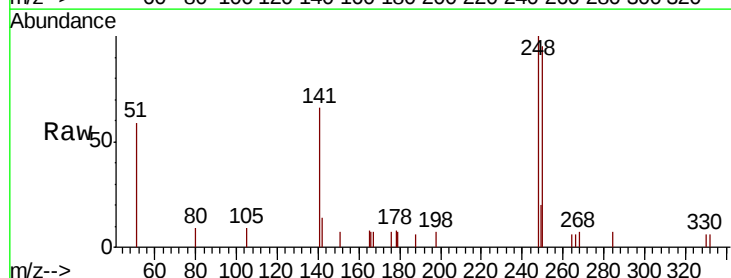
Tgt Ion:248 Resp: 2383

Ion Ratio Lower Upper

248 100

250 94.5 76.6 115.0

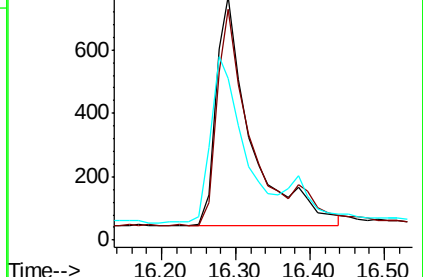
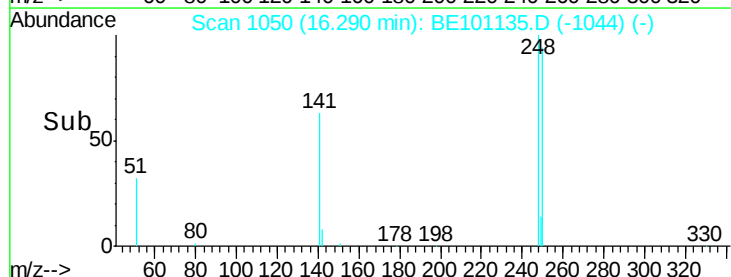
141 66.4 57.7 86.5



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

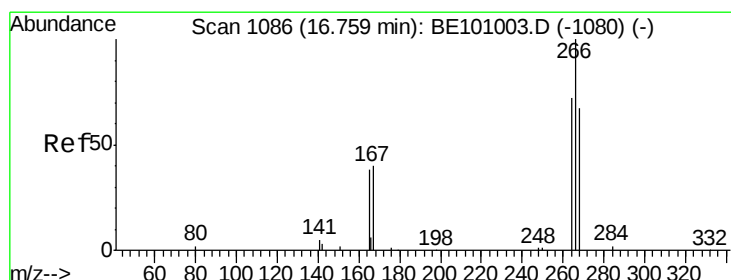
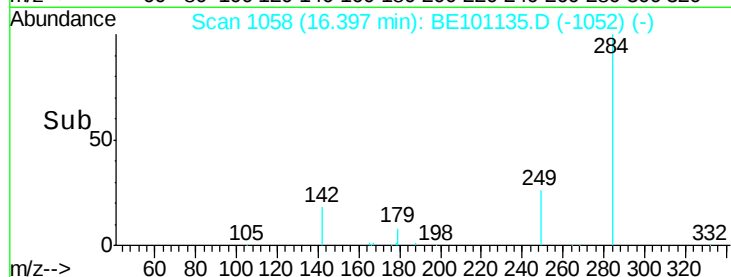
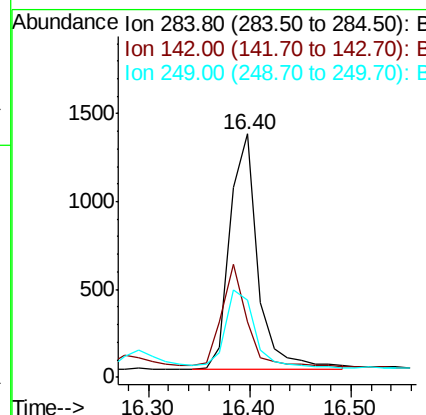
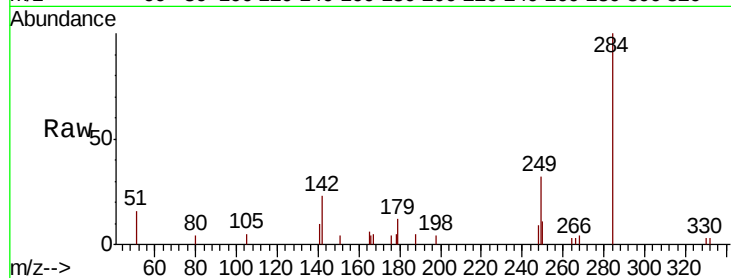




#21
Hexachlorobenzene
Concen: 0.393 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

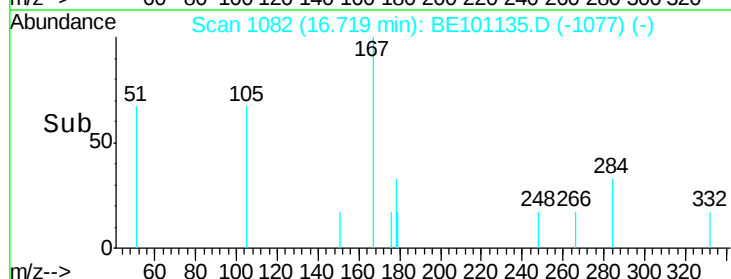
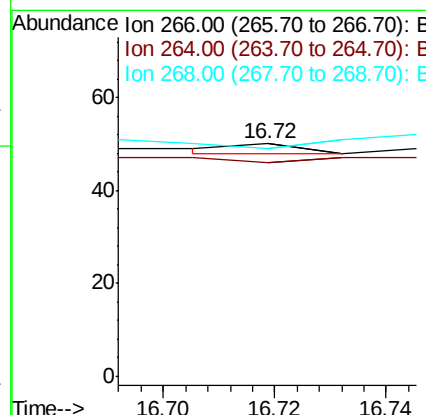
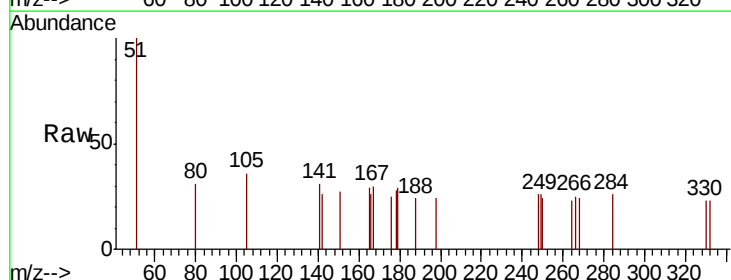
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 2548
Ion Ratio Lower Upper
284 100
142 38.1 34.0 51.0
249 35.0 28.2 42.4



#22
Pentachlorophenol
Concen: 0.251 ng
RT: 16.72 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:266 Resp: 2
Ion Ratio Lower Upper
266 100
264 92.0 61.0 91.4#
268 98.0 58.5 87.7#





#23

Phenanthrene

Concen: 0.351 ng

RT: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

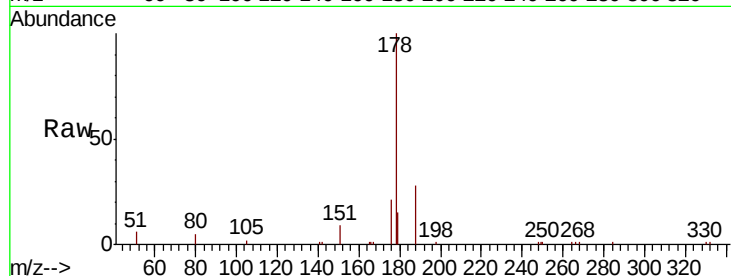
Tot Ion:178 Resp: 11600

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

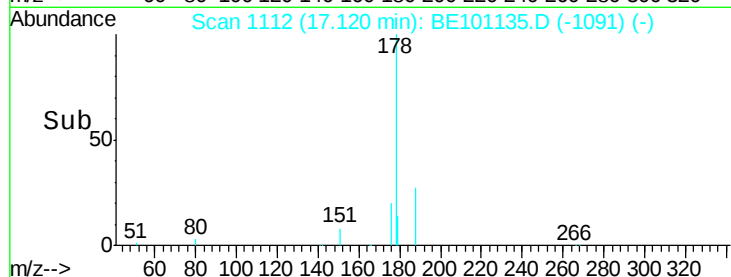
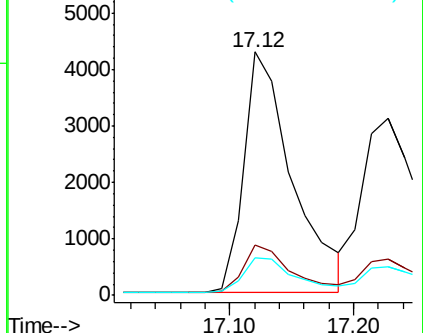
179 15.4 12.0 18.0



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: 0.403 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

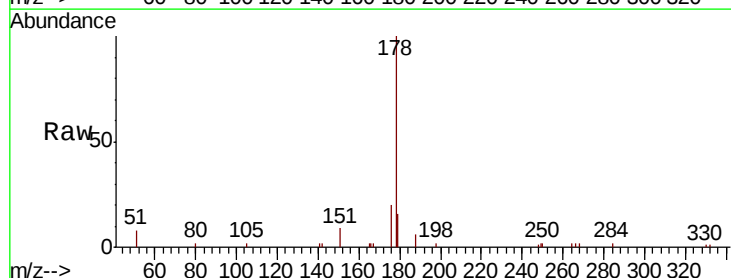
Tgt Ion:178 Resp: 12574

Ion Ratio Lower Upper

178 100

176 17.5 14.8 22.2

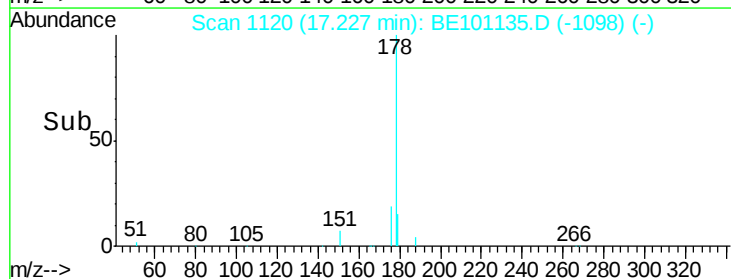
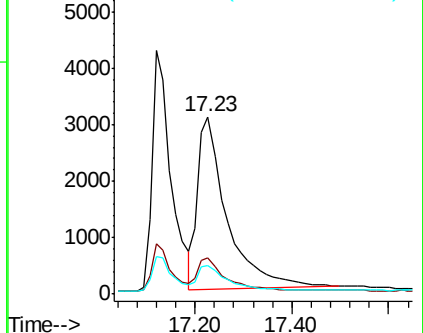
179 15.4 12.4 18.6

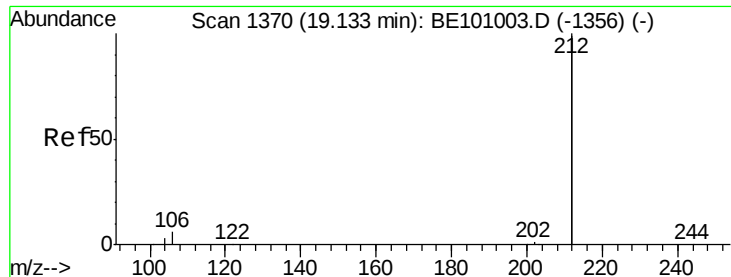


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.423 ng

RT: 19.12 min Scan# 1366

Delta R.T. -0.02 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

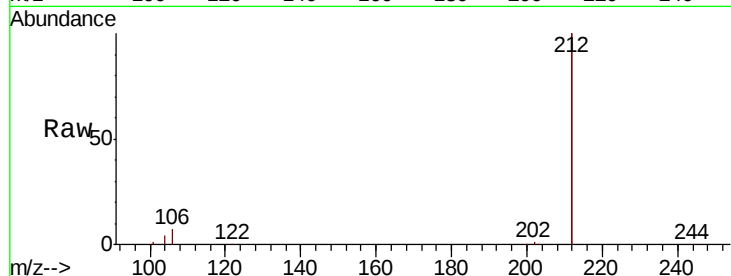
Tot Ion:212 Resp: 71213

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

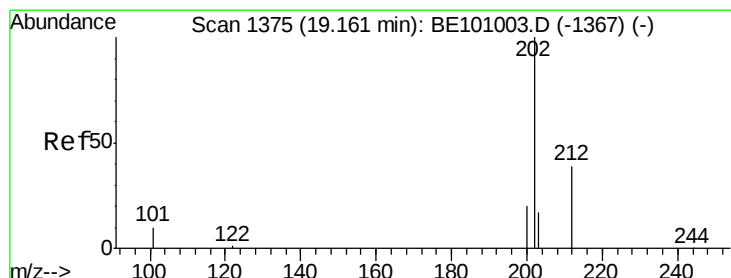
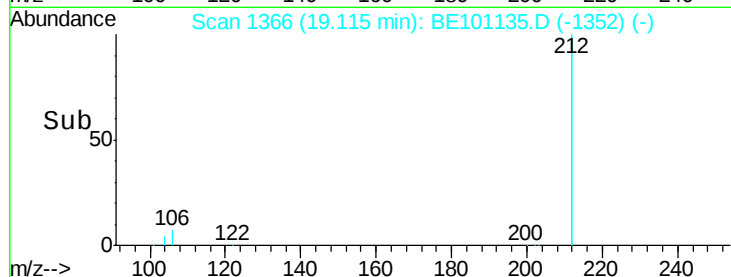
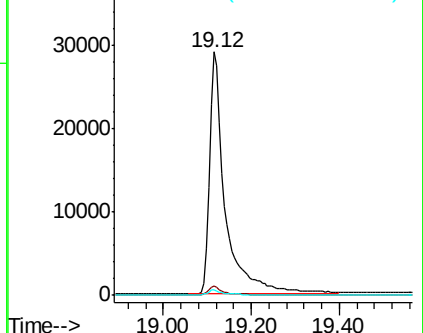
104 1.7 1.4 2.0



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: 0.409 ng

RT: 19.14 min Scan# 1371

Delta R.T. -0.02 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

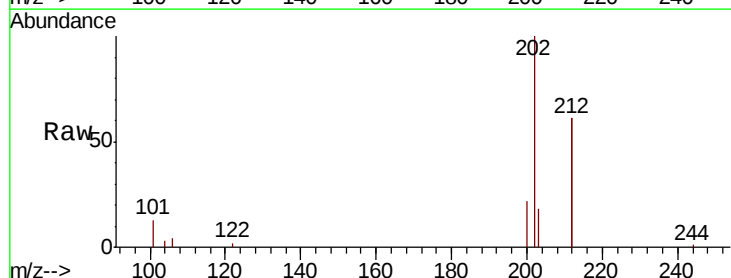
Tgt Ion:202 Resp: 16938

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

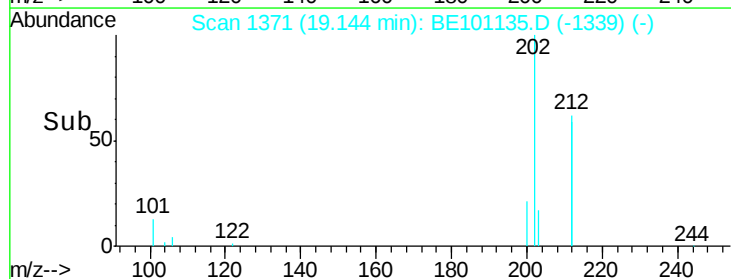
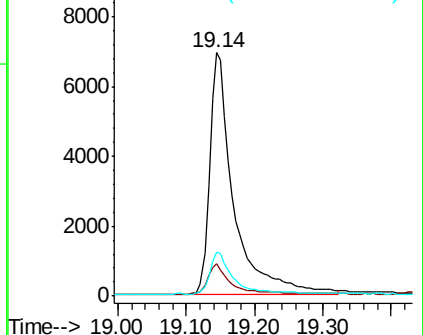
203 17.3 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

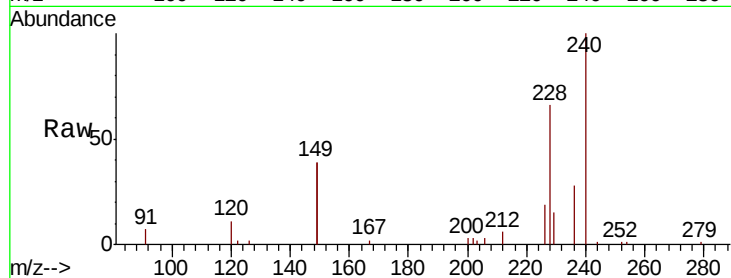
Tot Ion:240 Resp: 13372

Ion Ratio Lower Upper

240 100

120 11.3 8.6 13.0

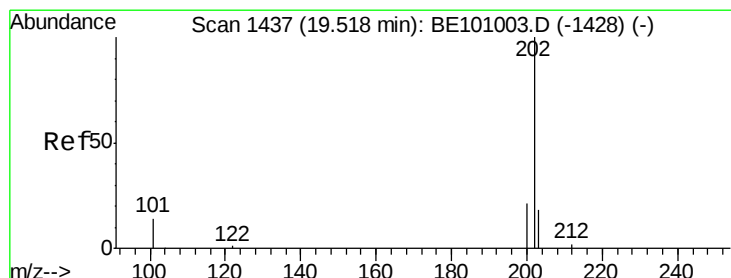
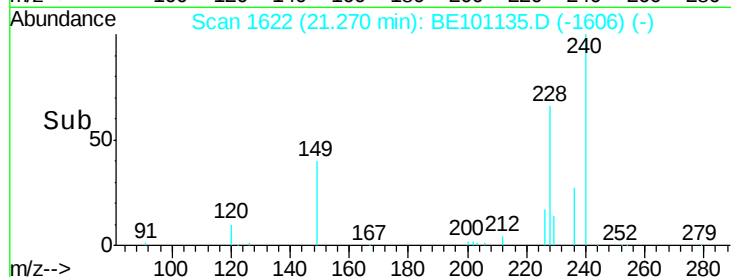
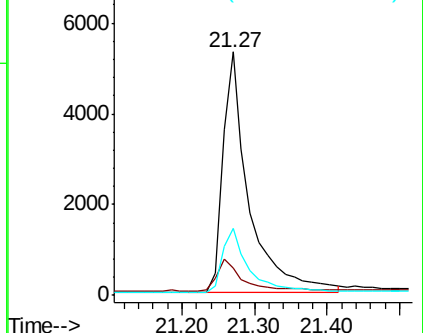
236 27.5 22.2 33.4



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: 0.356 ng

RT: 19.51 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

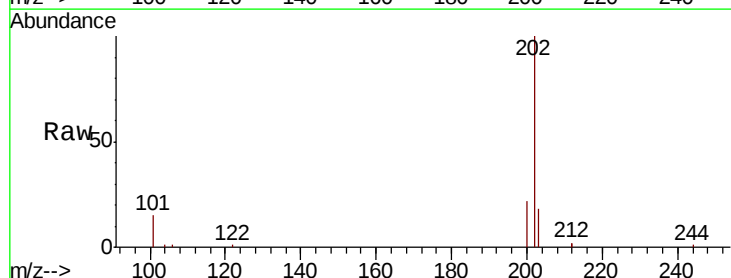
Tgt Ion:202 Resp: 17699

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

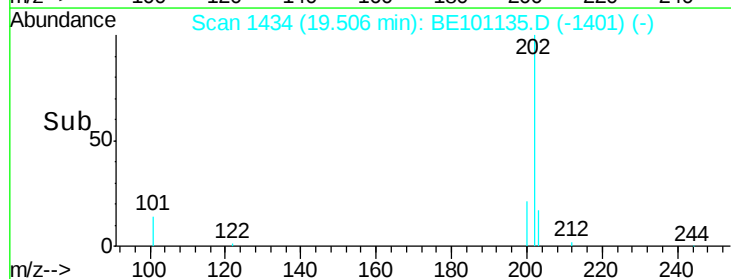
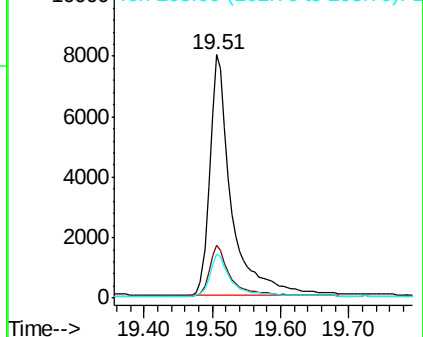
203 17.6 13.8 20.6

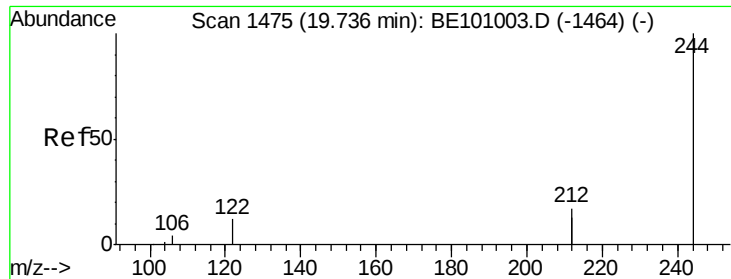


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.362 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

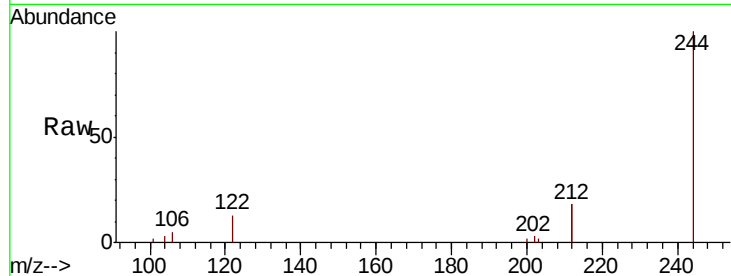
Tot Ion:244 Resp: 11869

Ion Ratio Lower Upper

244 100

212 35.5 27.2 40.8

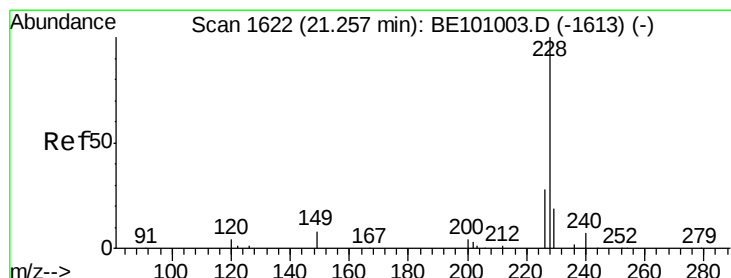
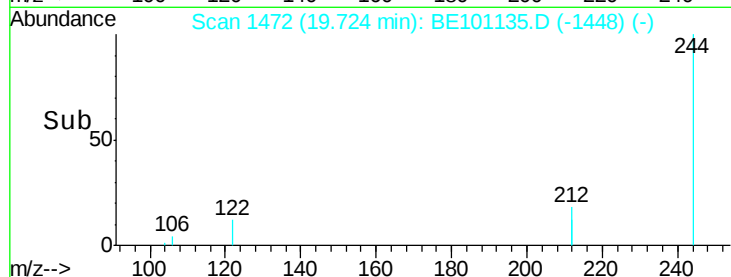
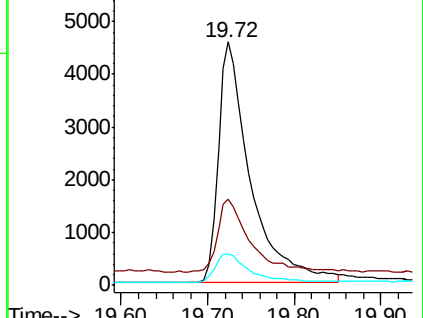
122 13.0 9.8 14.8



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: 0.394 ng

RT: 21.25 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

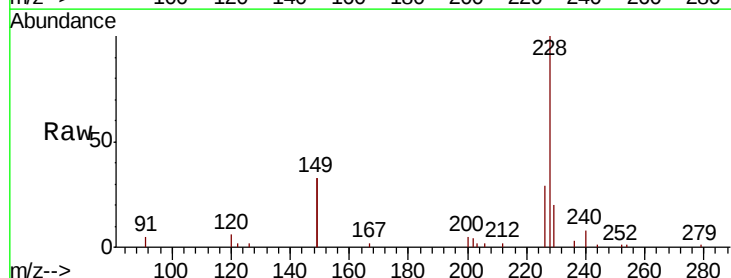
Tgt Ion:228 Resp: 15038

Ion Ratio Lower Upper

228 100

226 29.0 22.7 34.1

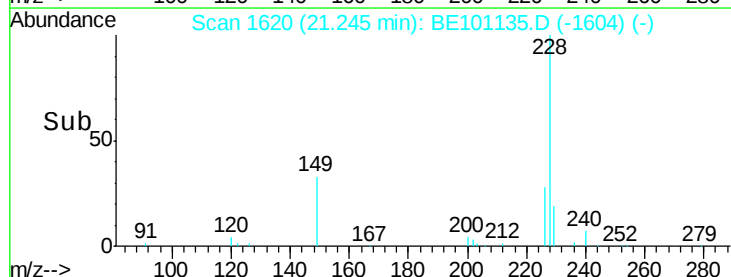
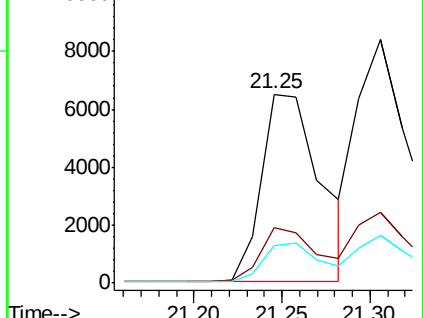
229 20.0 15.5 23.3

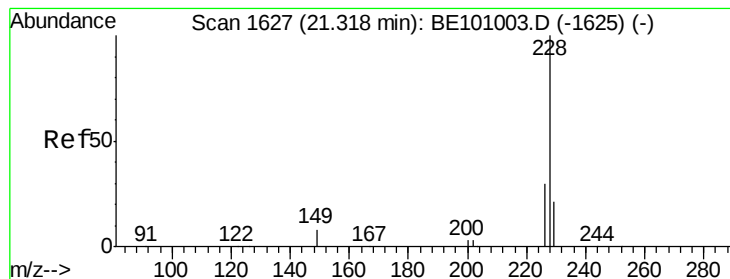


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.392 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

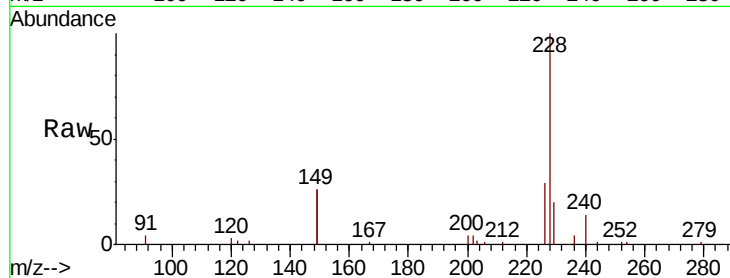
Tot Ion:228 Resp: 22222

Ion Ratio Lower Upper

228 100

226 29.0 23.5 35.3

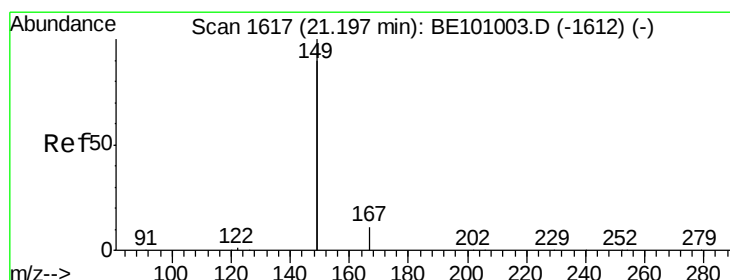
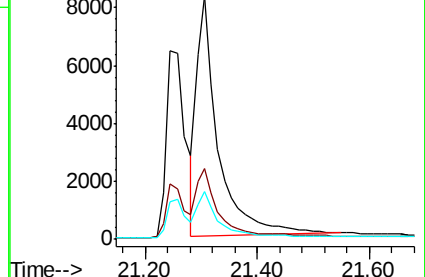
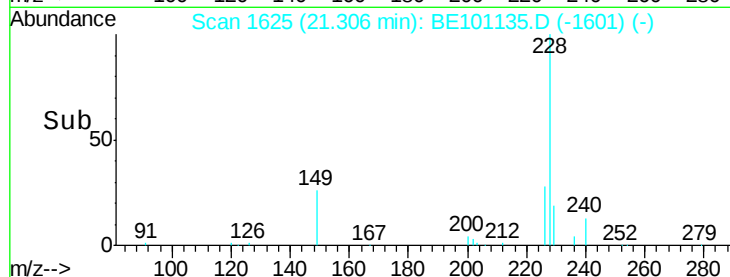
229 19.6 16.7 25.1



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: 0.540 ng

RT: 21.18 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

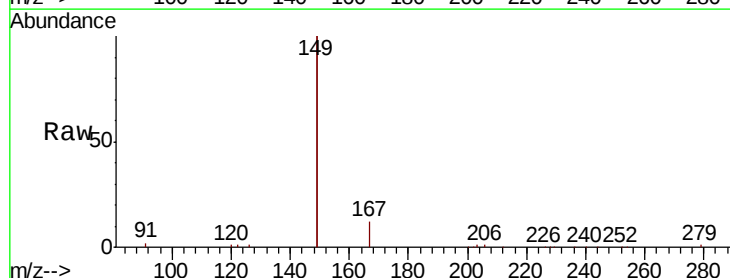
Tgt Ion:149 Resp: 34337

Ion Ratio Lower Upper

149 100

167 6.2 5.2 7.8

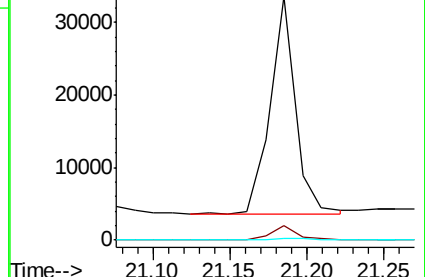
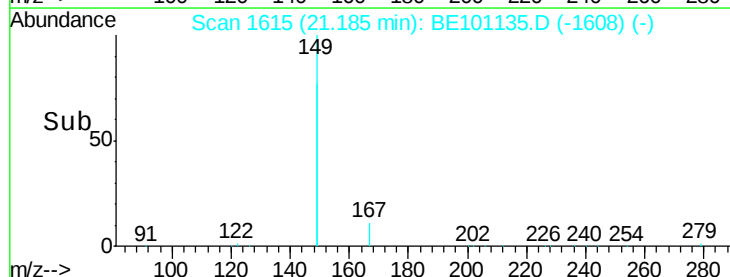
279 0.8 0.8 1.2#



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: 0.435 ng

RT: 26.24 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

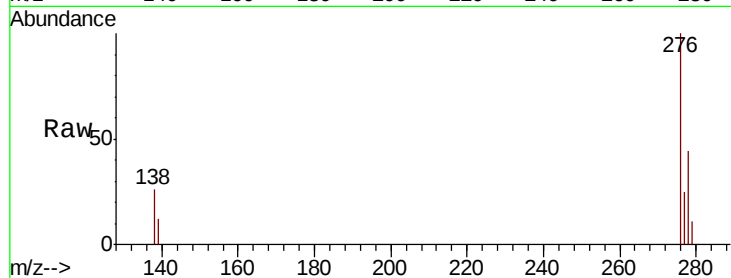
Tot Ion:276 Resp: 19483

Ion Ratio Lower Upper

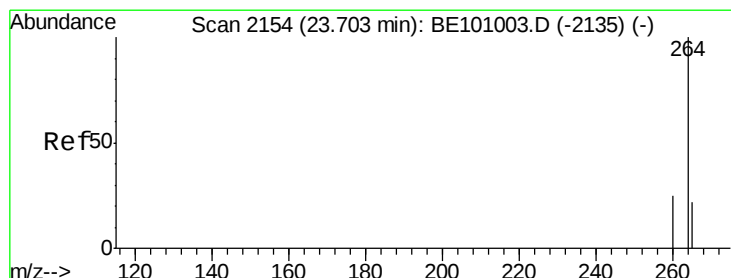
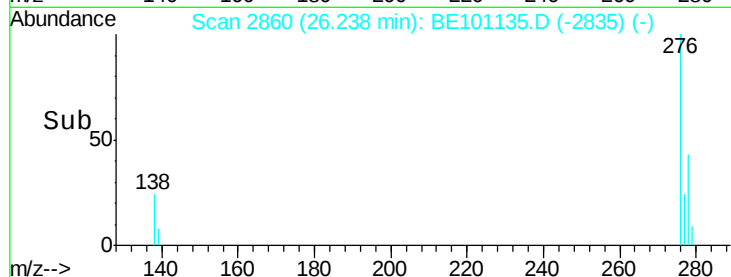
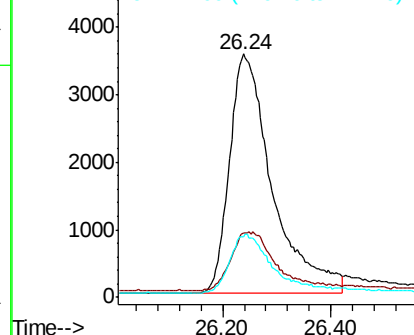
276 100

138 25.1 16.1 24.1#

277 24.0 18.1 27.1



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: 23.69 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

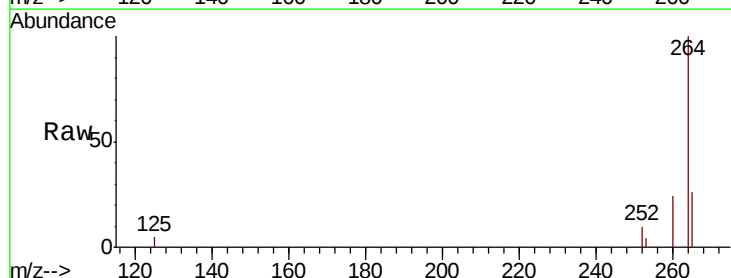
Tgt Ion:264 Resp: 15507

Ion Ratio Lower Upper

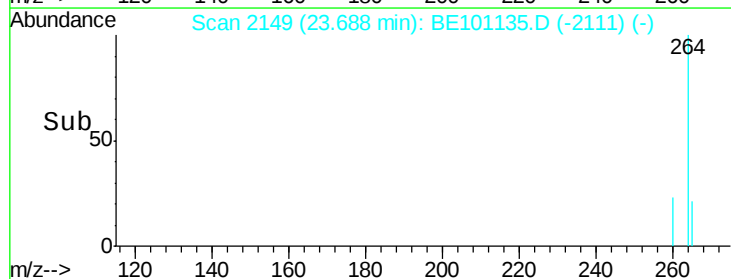
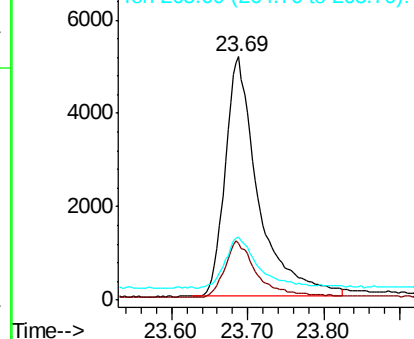
264 100

260 23.5 20.3 30.5

265 25.8 27.0 40.4#



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

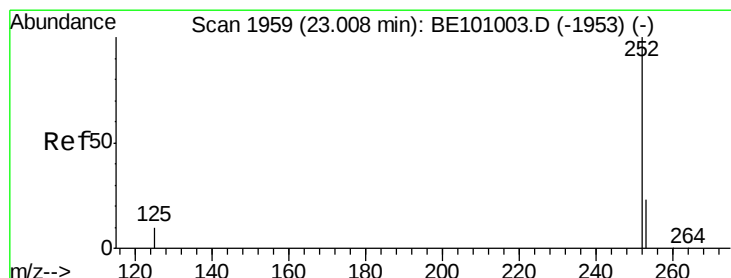
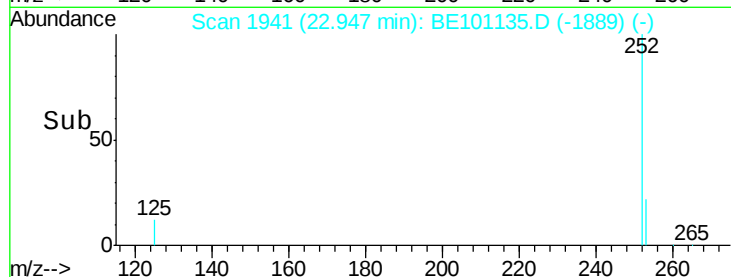
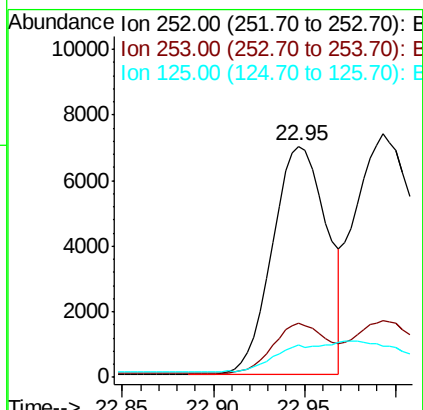
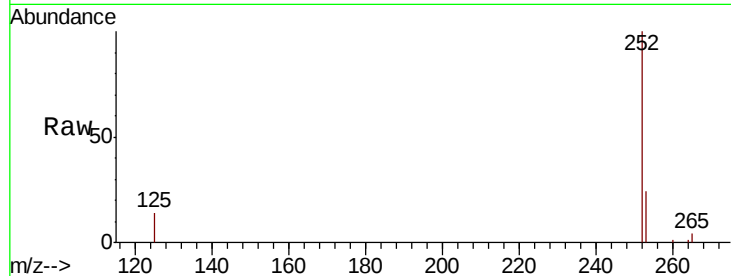




#35
Benzo(b)fluoranthene
Concen: 0.331 ng
RT: 22.95 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

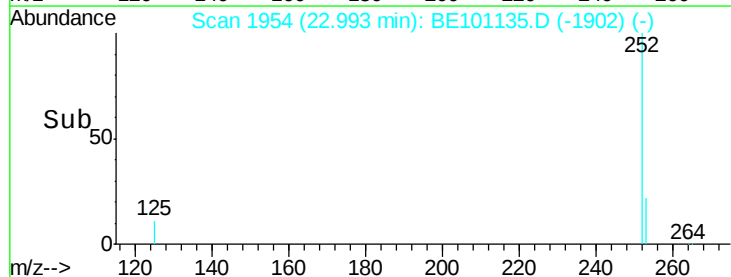
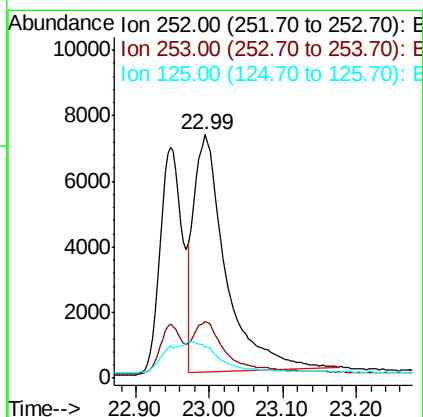
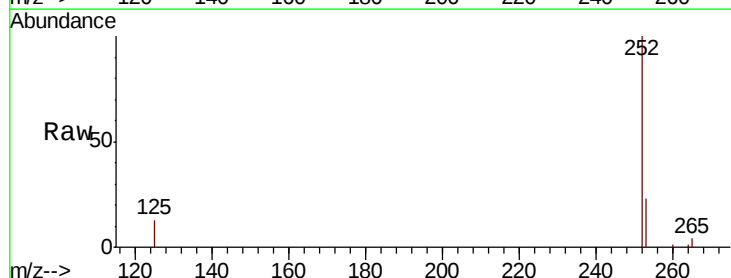
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 14410
Ion Ratio Lower Upper
252 100
253 23.7 18.5 27.7
125 14.0 9.5 14.3



#36
Benzo(k)fluoranthene
Concen: 0.345 ng
RT: 22.99 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:252 Resp: 21718
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 12.8 10.1 15.1





#37

Benzo(a)pyrene

Concen: 0.388 ng

RT: 23.58 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

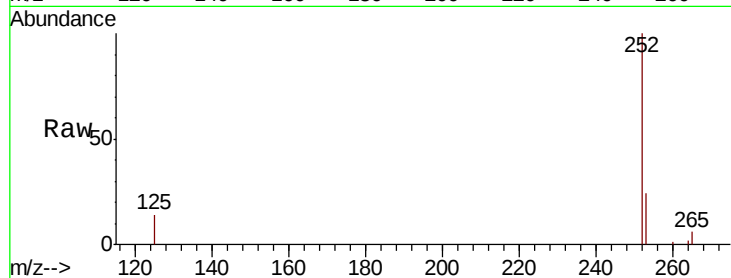
Tot Ion:252 Resp: 16342

Ion Ratio Lower Upper

252 100

253 23.9 19.4 29.2

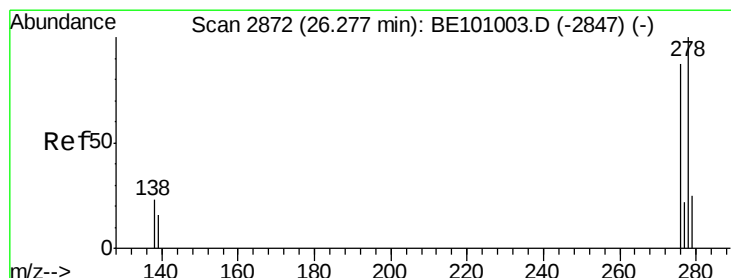
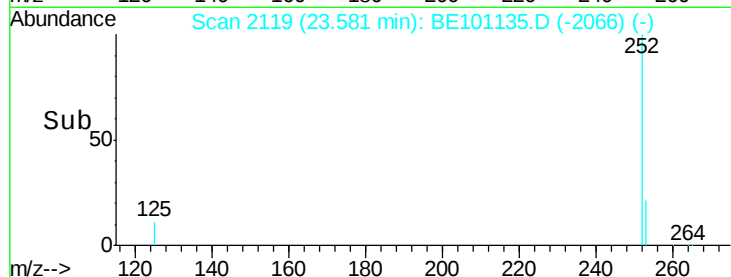
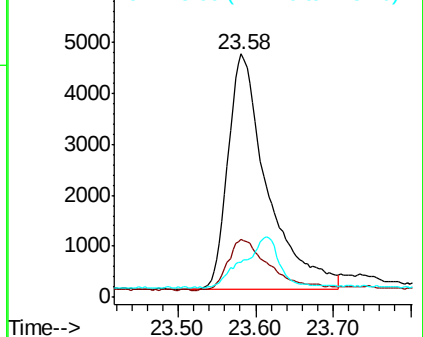
125 14.4 11.8 17.6



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: 0.400 ng

RT: 26.27 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BE101135.D

Acq: 7 Feb 2020 13:12

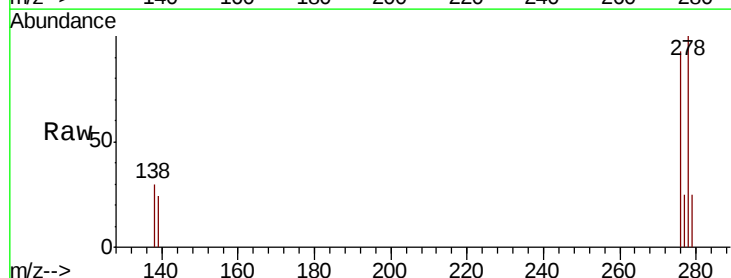
Tgt Ion:278 Resp: 15465

Ion Ratio Lower Upper

278 100

139 24.4 15.0 22.4#

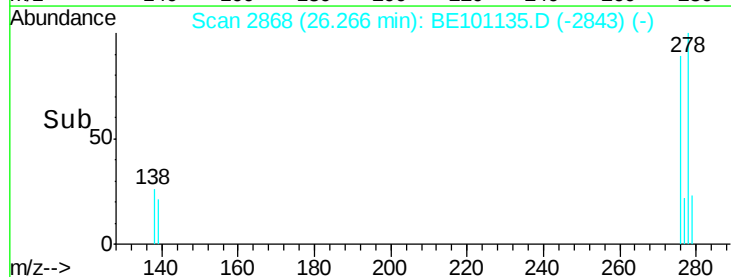
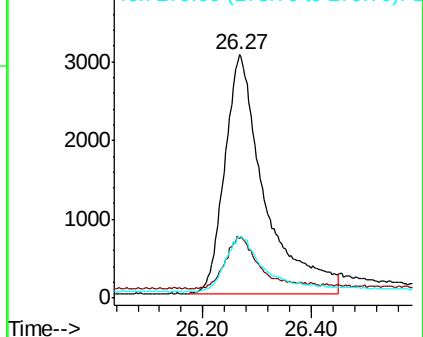
279 24.9 22.6 33.8



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: 0.357 ng

RT: 27.01 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BE101135.D

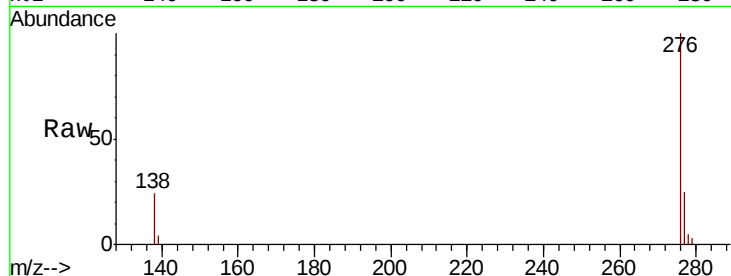
Acq: 7 Feb 2020 13:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



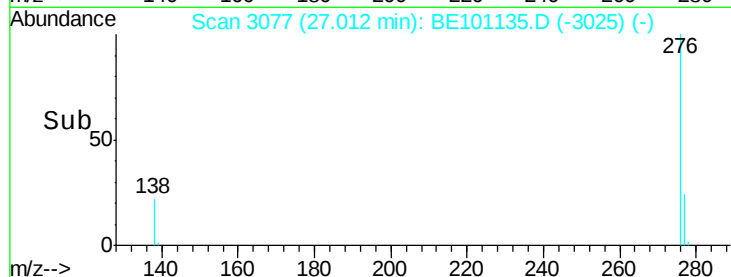
Tot Ion: 276 Resp: 16992

Ion Ratio Lower Upper

276 100

277 25.2 19.4 29.2

138 24.4 17.9 26.9



Abundance Ion 276.00 (275.70 to 276.70): E

5000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

