

Data File : BE101082.D
Acq On : 16 Jan 2020 19:04
Operator : JU
Sample : L1148-10 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SB-31-(2-4)

Quant Time: Jan 17 07:47:03 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	7.72	152	3748	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	16583	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	12164	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	27699	0.40	ng	-0.01
27) Chrysene-d12	21.27	240	28114	0.40	ng	-0.01
34) Perylene-d12	23.69	264	35030	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	1548	0.18	ng	-0.01
5) Phenol-d6	6.91	99	1338	0.13	ng	-0.01
8) Nitrobenzene-d5	8.86	82	1806	0.15	ng	-0.01
11) 2-Methylnaphthalene-d10	12.10	152	3007	0.10	ng	-0.01
14) 2,4,6-Tribromophenol	15.84	330	612	0.18	ng	-0.01
15) 2-Fluorobiphenyl	12.97	172	4542	0.10	ng	-0.03
25) Fluoranthene-d10	19.12	212	39662	0.10	ng	-0.01
29) Terphenyl-d14	19.72	244	8193	0.12	ng	-0.02

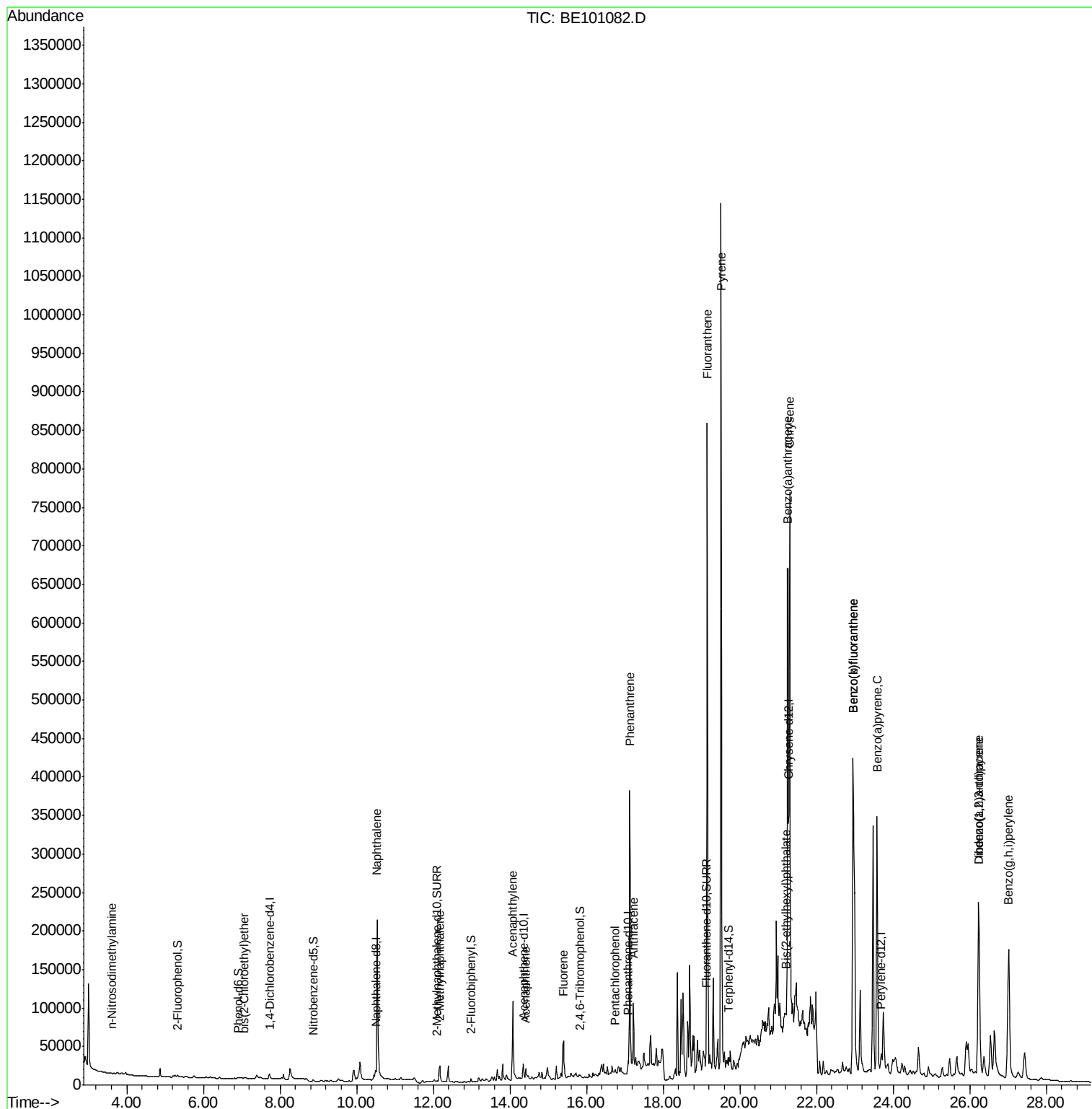
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.61	42	107	0.021	ng	# 10
6) bis(2-Chloroethyl)ether	7.07	93	2310	0.182	ng	# 1
9) Naphthalene	10.54	128	390801	2.122	ng	100
12) 2-Methylnaphthalene	12.17	142	17122	0.615	ng	# 89
16) Acenaphthylene	14.07	152	145443	2.936	ng	100
17) Acenaphthene	14.41	154	7343	0.207	ng	# 92
18) Fluorene	15.39	166	57545	1.284	ng	90
22) Pentachlorophenol	16.75	266	81	0.265	ng	85
23) Phenanthrene	17.12	178	437078	5.779	ng	99
24) Anthracene	17.21	178	112072	1.570	ng	96
26) Fluoranthene	19.15	202	779441	8.229	ng	98
28) Pyrene	19.51	202	1059528	10.124	ng	97
30) Benzo(a)anthracene	21.25	228	621612	7.749	ng	93
31) Chrysene	21.31	228	732649	6.145	ng	95
32) Bis(2-ethylhexyl)phthalate	21.20	149	28146	0.211	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.23	276	394534	4.188	ng	96
35) Benzo(b)fluoranthene	22.96	252	805989	8.204	ng	99
36) Benzo(k)fluoranthene	22.96	252	805989	5.661	ng	99
37) Benzo(a)pyrene	23.58	252	531184	5.589	ng	97
38) Dibenzo(a,h)anthracene	26.25	278	120411	1.378	ng	98
39) Benzo(g,h,i)perylene	27.02	276	412832	3.841	ng	99

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

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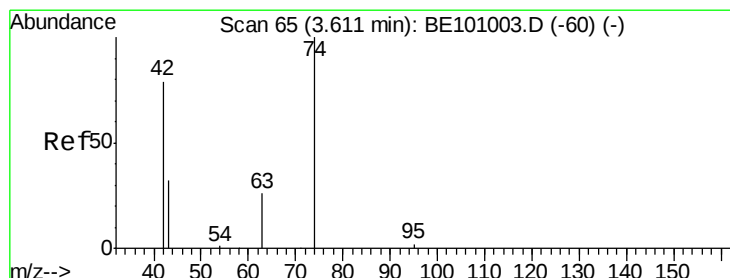
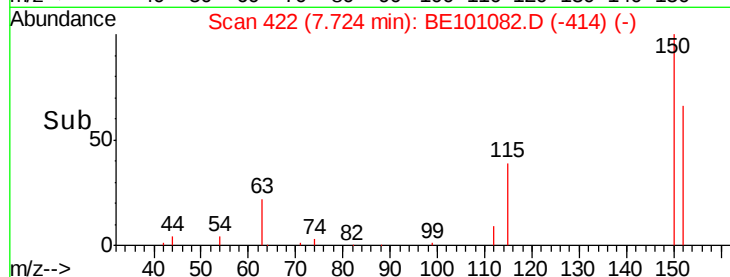
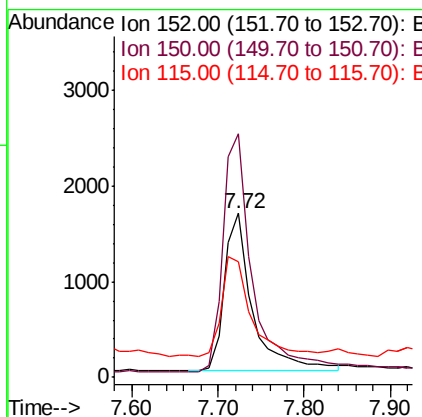
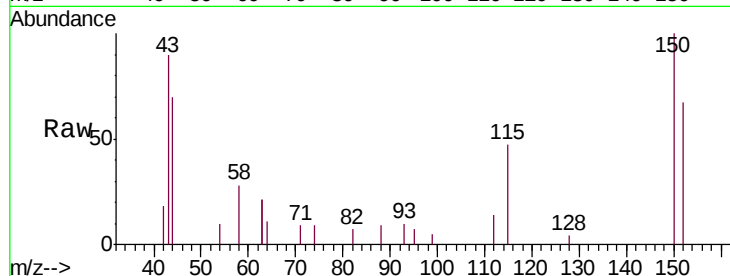




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.72 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BE101082.D
 Acq: 16 Jan 2020 19:04

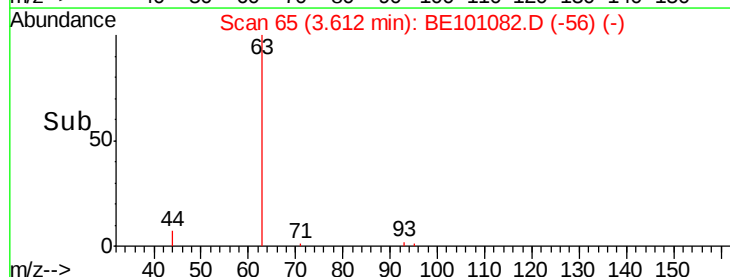
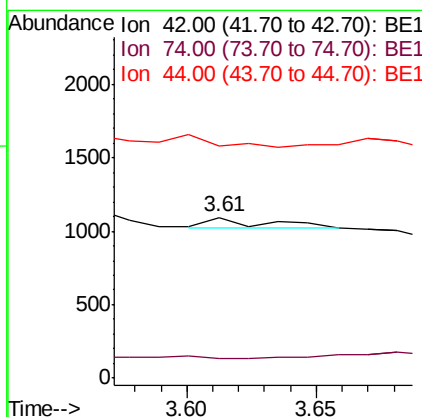
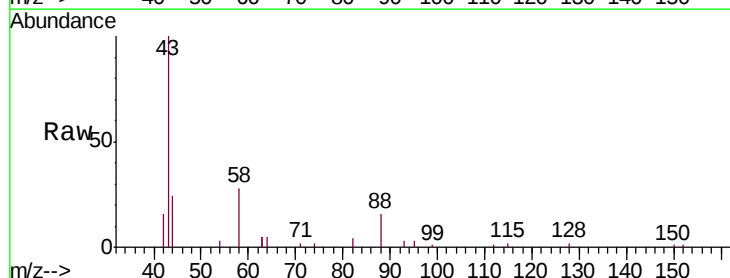
Instrument :
 BNA_E
 ClientSampleId :
 SB-31-(2-4)

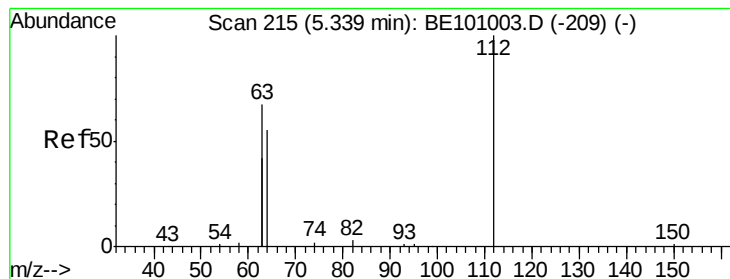
Tgt Ion: 152 Resp: 3748
 Ion Ratio Lower Upper
 152 100
 150 148.7 120.3 180.5
 115 70.3 51.7 77.5



#3
 n-Nitrosodimethylamine
 Concen: 0.021 ng
 RT: 3.61 min Scan# 65
 Delta R.T. 0.00 min
 Lab File: BE101082.D
 Acq: 16 Jan 2020 19:04

Tgt Ion: 42 Resp: 107
 Ion Ratio Lower Upper
 42 100
 74 19.6 105.7 158.5#
 44 0.0 10.0 15.0#





#4

2-Fluorophenol

Concen: 0.184 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

Instrument :

BNA_E

ClientSampleId :

SB-31-(2-4)

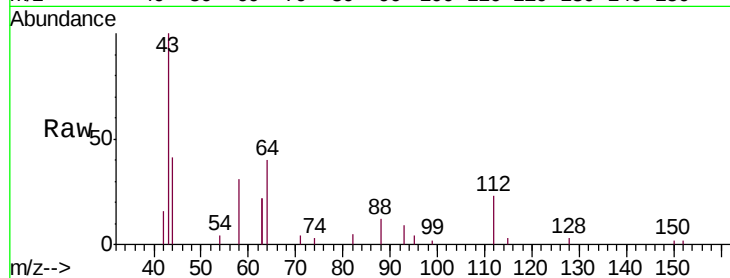
Tgt Ion: 112 Resp: 1548

Ion Ratio Lower Upper

112 100

64 65.7 53.6 80.4

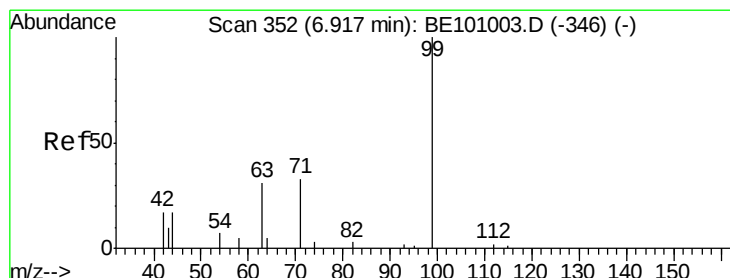
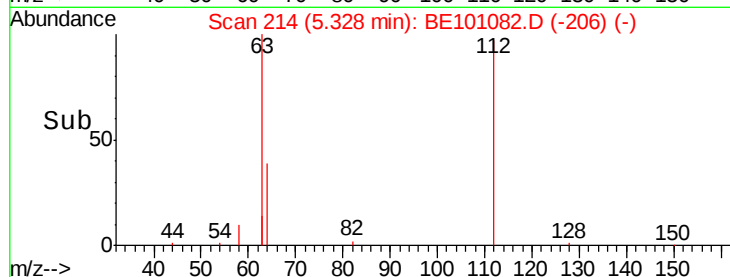
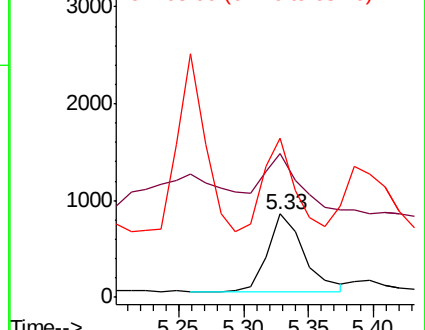
63 104.9 114.6 172.0#



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: 0.125 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

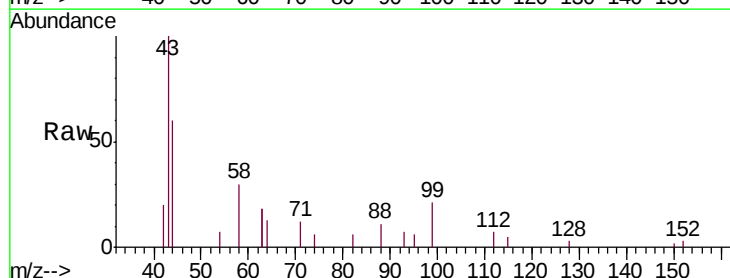
Tgt Ion: 99 Resp: 1338

Ion Ratio Lower Upper

99 100

42 38.6 18.3 27.5#

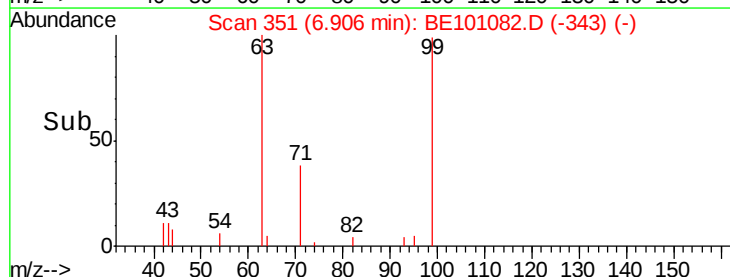
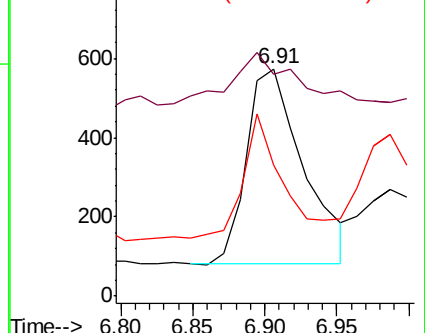
71 43.5 28.0 42.0#

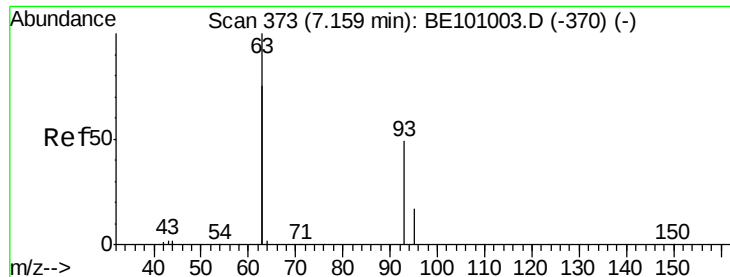


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.182 ng

RT: 7.07 min Scan# 365

Delta R.T. -0.09 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

Instrument :

BNA_E

ClientSampleId :

SB-31-(2-4)

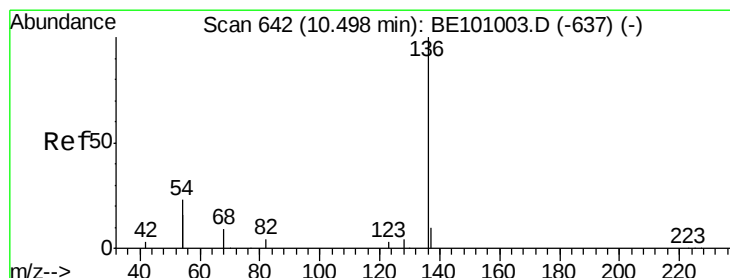
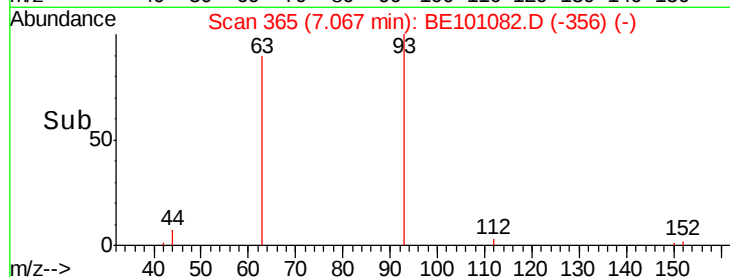
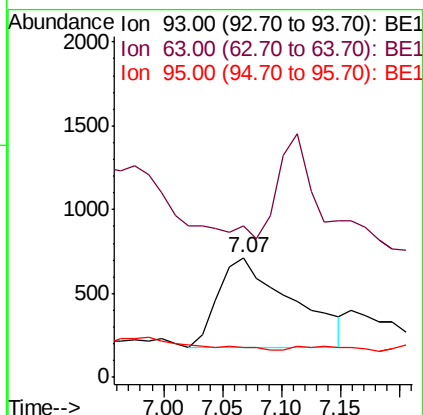
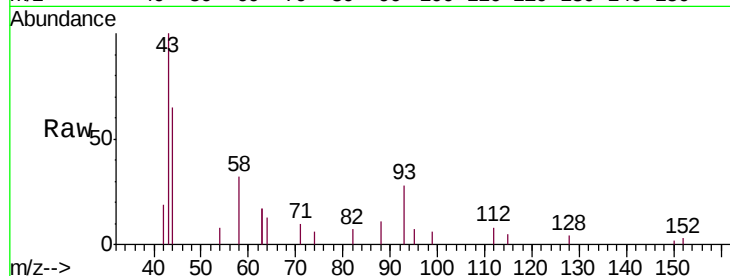
Tgt Ion: 93 Resp: 2310

Ion Ratio Lower Upper

93 100

63 0.0 233.9 350.9#

95 0.0 23.5 35.3#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

Tgt Ion: 136 Resp: 16583

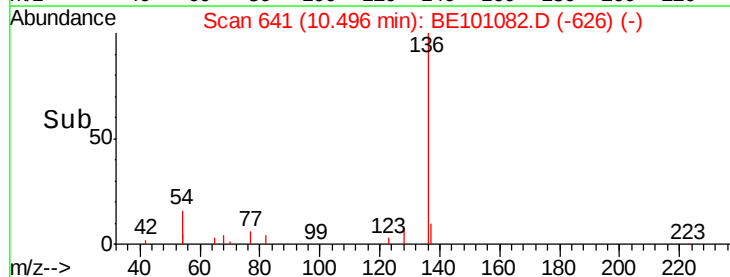
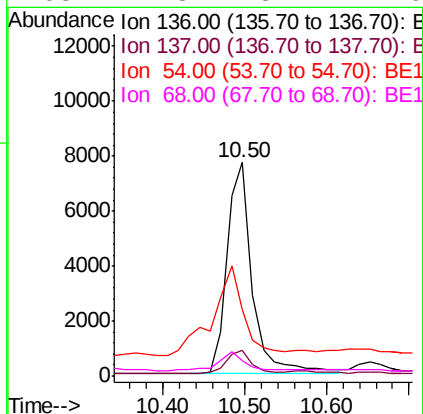
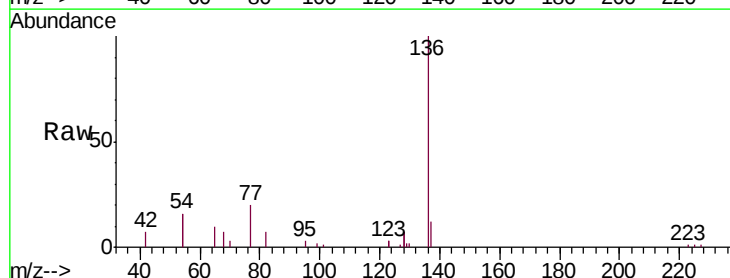
Ion Ratio Lower Upper

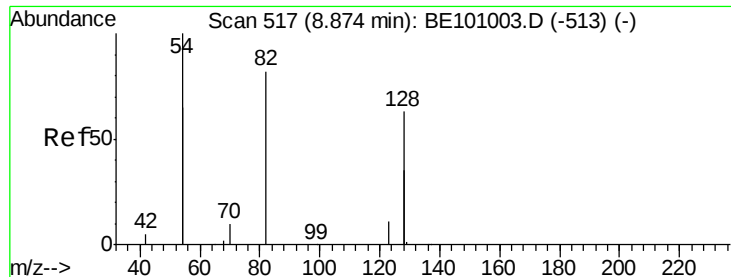
136 100

137 11.7 9.3 13.9

54 31.1 36.8 55.2#

68 7.3 8.4 12.6#





#8

Nitrobenzene-d5

Concen: 0.152 ng

RT: 8.86 min Scan# 515

Delta R.T. -0.01 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

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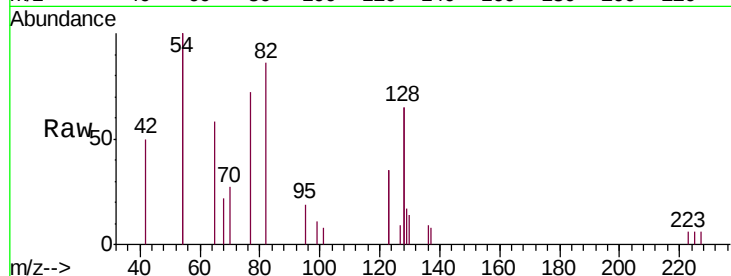
Tgt Ion: 82 Resp: 1806

Ion Ratio Lower Upper

82 100

128 150.9 109.8 164.6

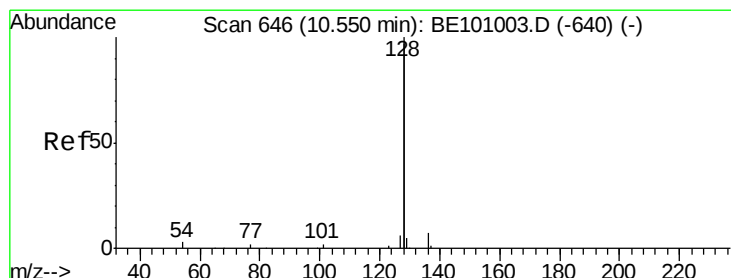
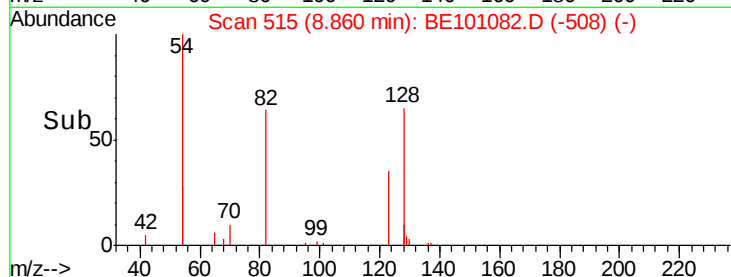
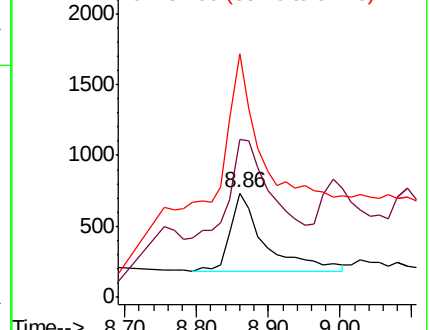
54 232.8 174.5 261.7



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#9

Naphthalene

Concen: 2.122 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.01 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

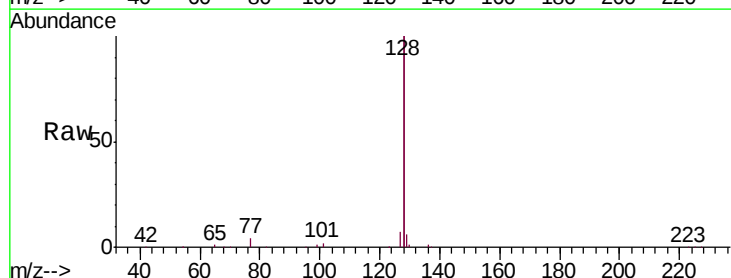
Tgt Ion: 128 Resp: 390801

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

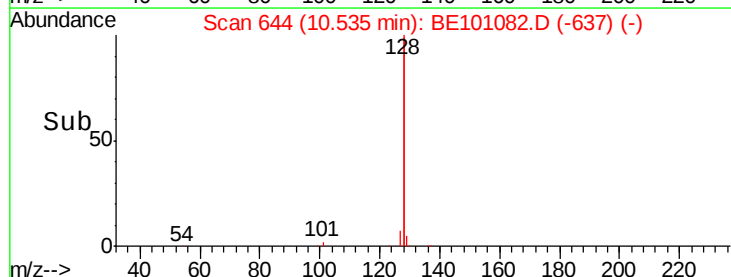
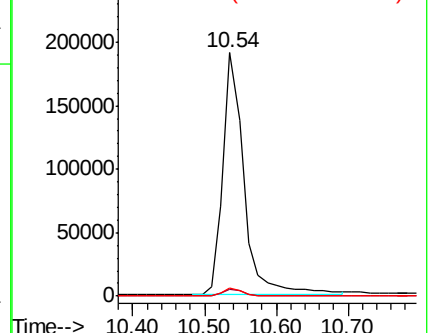
127 3.3 2.7 4.1

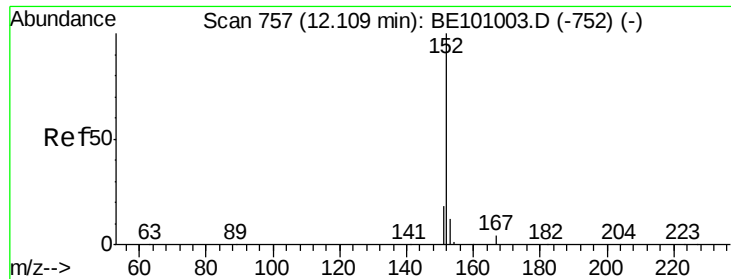


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

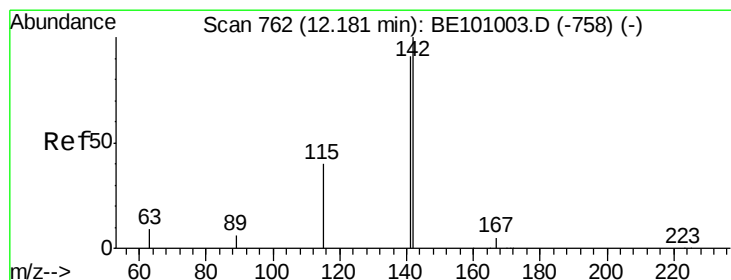
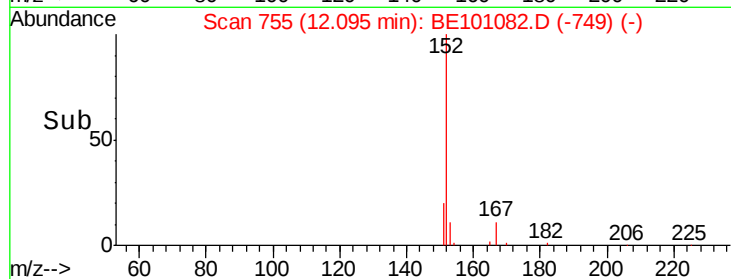
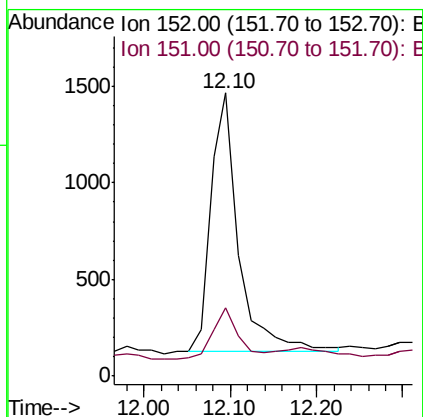
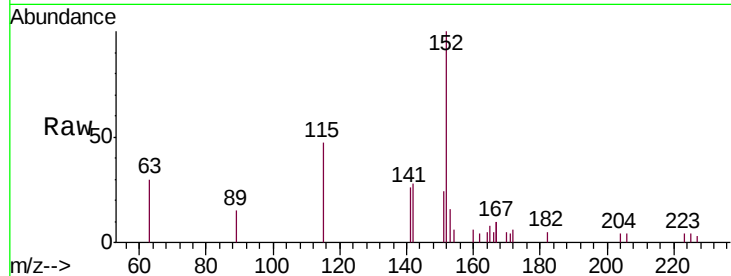




#11
 2-Methylnaphthalene-d10
 Concen: 0.095 ng
 RT: 12.10 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BE101082.D
 Acq: 16 Jan 2020 19:04

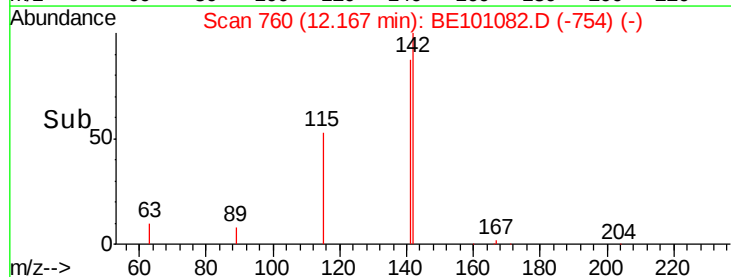
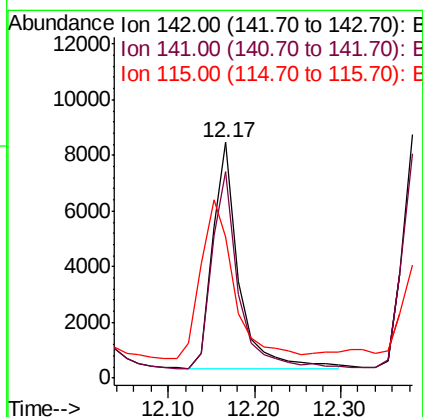
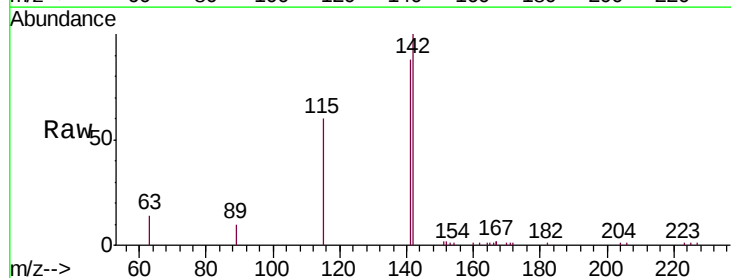
Instrument :
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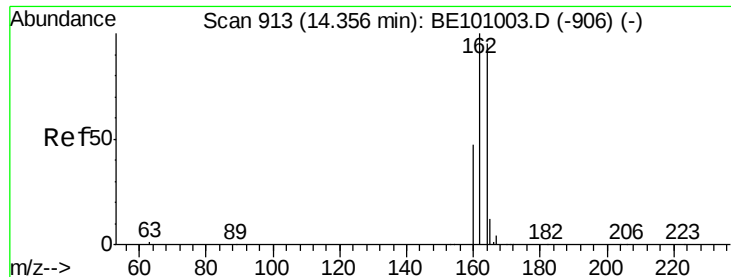
Tgt Ion:152 Resp: 3007
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.615 ng
 RT: 12.17 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BE101082.D
 Acq: 16 Jan 2020 19:04

Tgt Ion:142 Resp: 17122
 Ion Ratio Lower Upper
 142 100
 141 87.6 72.5 108.7
 115 59.6 33.0 49.6#

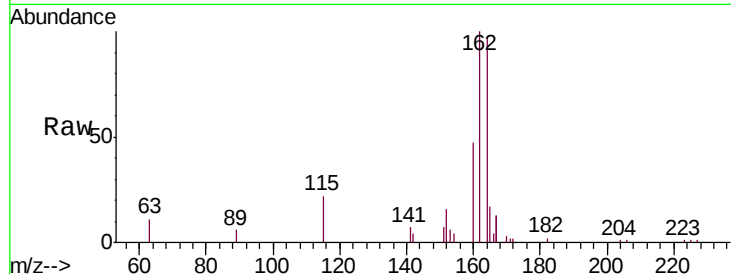




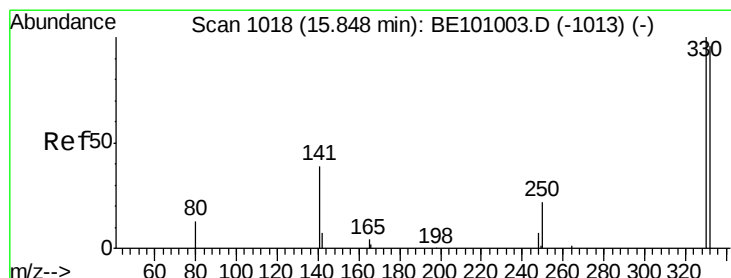
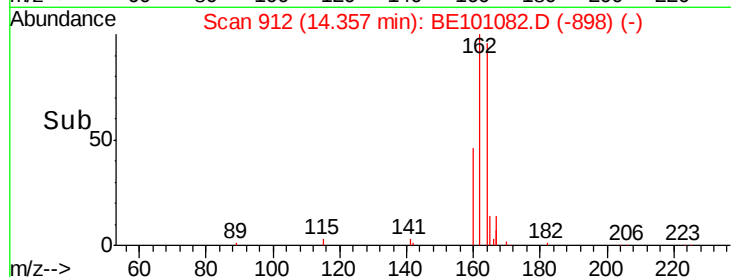
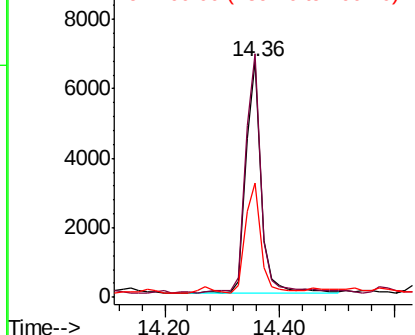
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BE101082.D
 Acq: 16 Jan 2020 19:04

Instrument :
 BNA_E
 ClientSampleId :
 SB-31-(2-4)

Tgt Ion:164 Resp: 12164
 Ion Ratio Lower Upper
 164 100
 162 103.4 84.1 126.1
 160 48.8 40.4 60.6

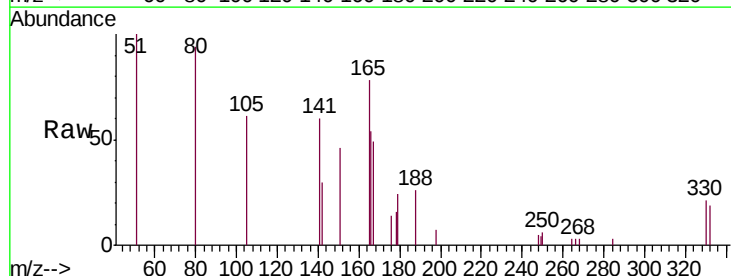


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

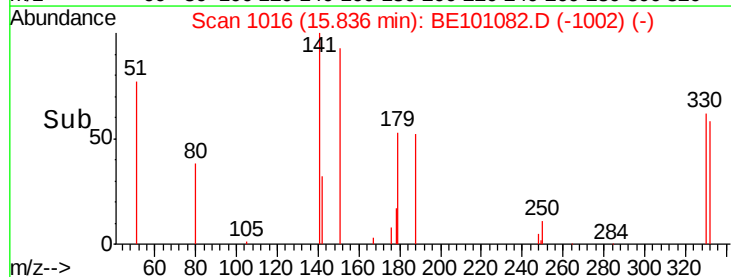
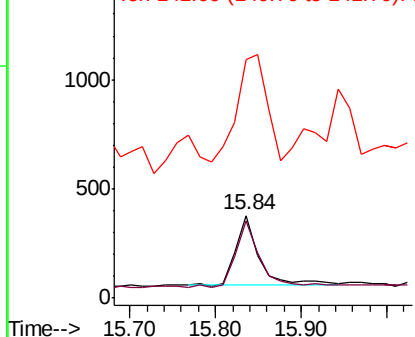


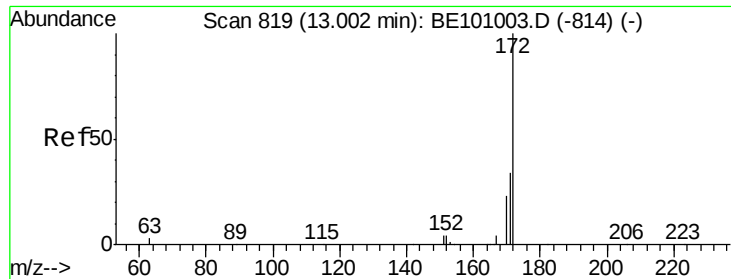
#14
 2,4,6-Tribromophenol
 Concen: 0.178 ng
 RT: 15.84 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BE101082.D
 Acq: 16 Jan 2020 19:04

Tgt Ion:330 Resp: 612
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.4 117.6
 141 200.5 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

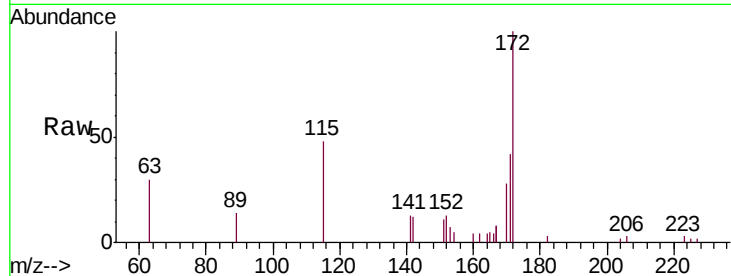




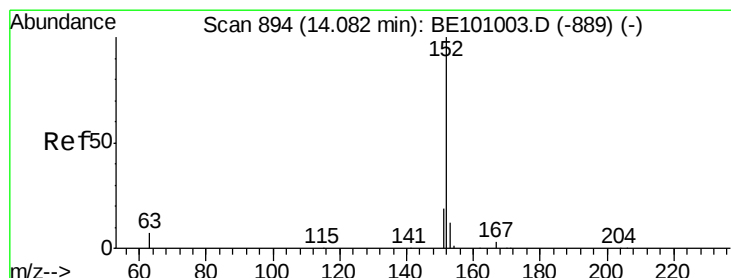
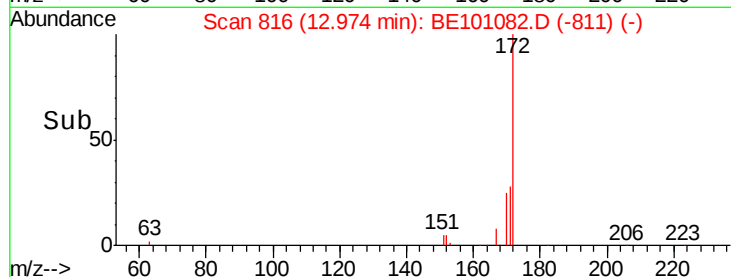
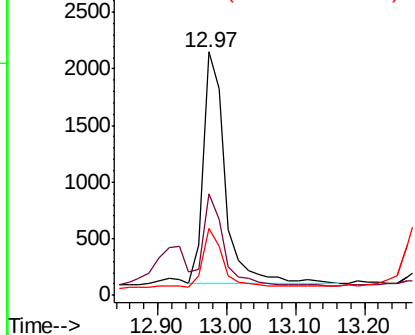
#15
2-Fluorobiphenyl
Concen: 0.098 ng
RT: 12.97 min Scan# 816
Delta R.T. -0.03 min
Lab File: BE101082.D
Acq: 16 Jan 2020 19:04

Instrument :
BNA_E
ClientSampleId :
SB-31-(2-4)

Tgt Ion:172 Resp: 4542
Ion Ratio Lower Upper
172 100
171 41.8 28.2 42.2
170 27.7 18.9 28.3

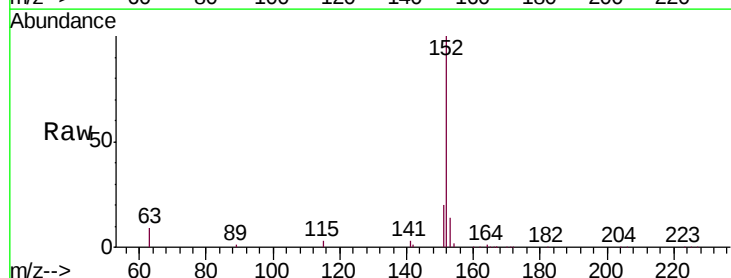


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

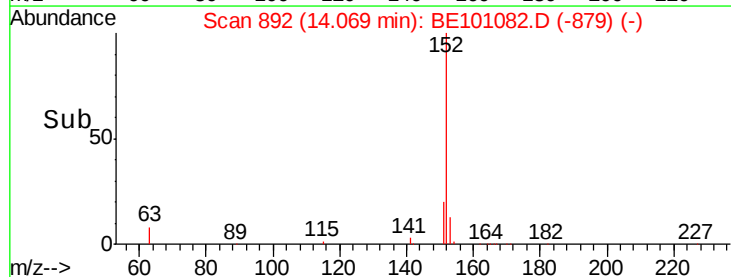
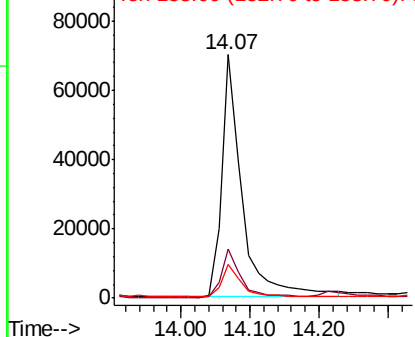


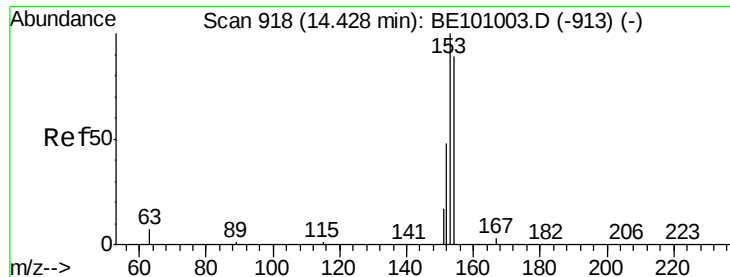
#16
Acenaphthylene
Concen: 2.936 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.01 min
Lab File: BE101082.D
Acq: 16 Jan 2020 19:04

Tgt Ion:152 Resp: 145443
Ion Ratio Lower Upper
152 100
151 19.2 15.5 23.3
153 13.1 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

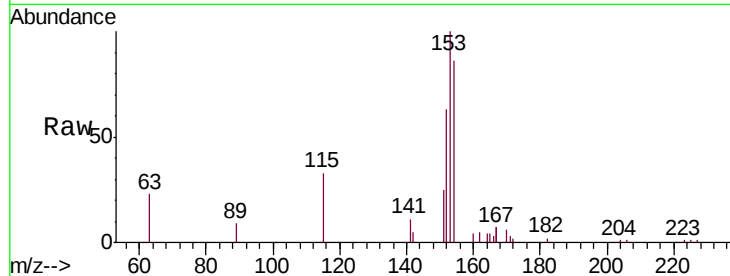




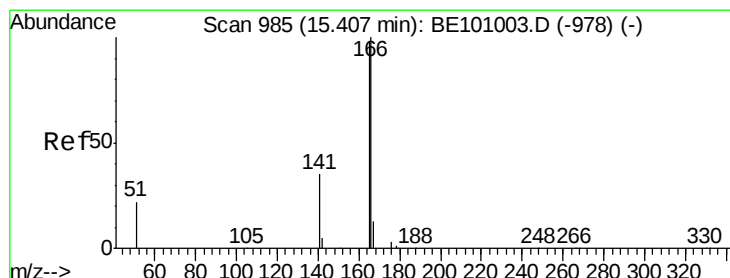
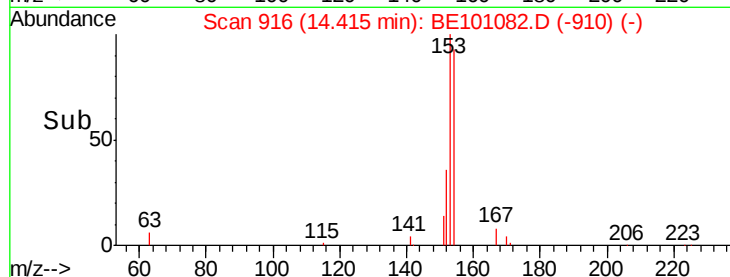
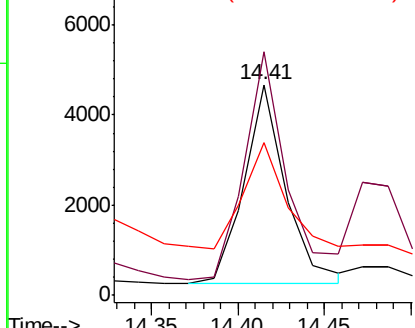
#17
Acenaphthene
Concen: 0.207 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101082.D
Acq: 16 Jan 2020 19:04

Instrument :
BNA_E
ClientSampleId :
SB-31-(2-4)

Tgt Ion:154 Resp: 7343
Ion Ratio Lower Upper
154 100
153 118.1 93.6 140.4
152 74.3 46.3 69.5#

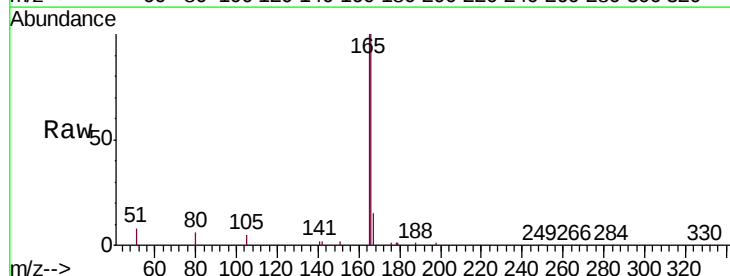


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

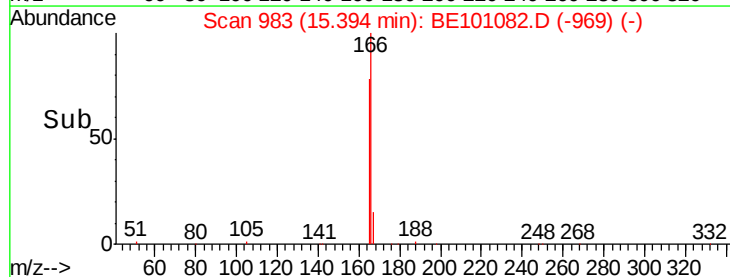
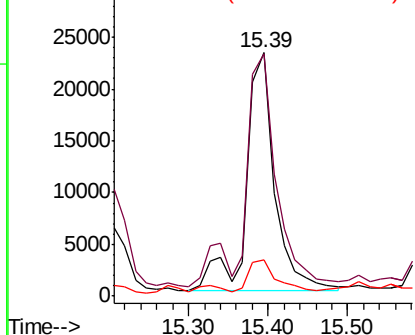


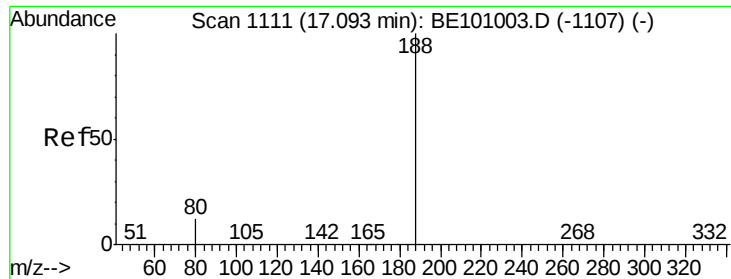
#18
Fluorene
Concen: 1.284 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101082.D
Acq: 16 Jan 2020 19:04

Tgt Ion:166 Resp: 57545
Ion Ratio Lower Upper
166 100
165 110.2 79.8 119.8
167 12.6 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: BE101082.D

Acq: 16 Jan 2020 19:04

Instrument :

BNA_E

ClientSampleId :

SB-31-(2-4)

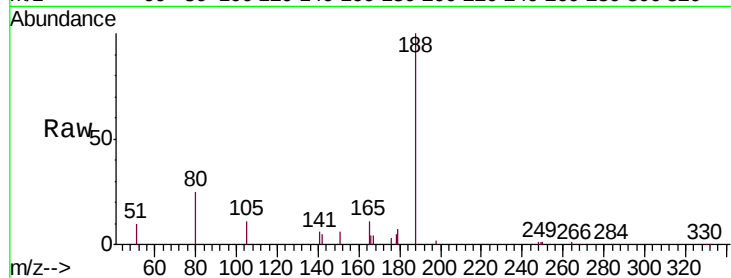
Tgt Ion:188 Resp: 27699

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 25.5 10.8 16.2#



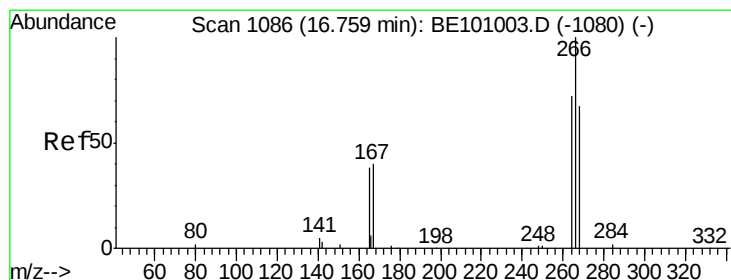
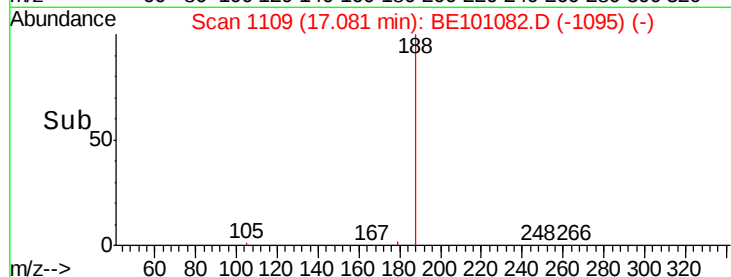
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1

17.08

Time-->



#22

Pentachlorophenol

Concen: 0.265 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

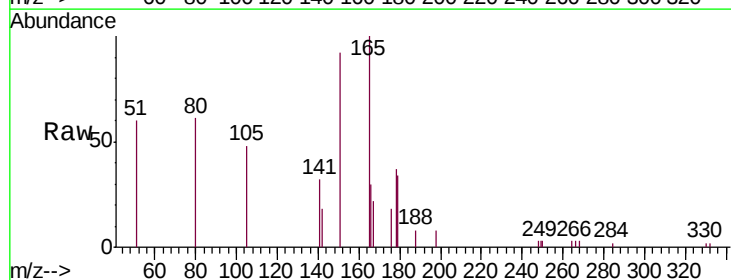
Tgt Ion:266 Resp: 81

Ion Ratio Lower Upper

266 100

264 87.3 61.0 91.4

268 87.3 58.5 87.7



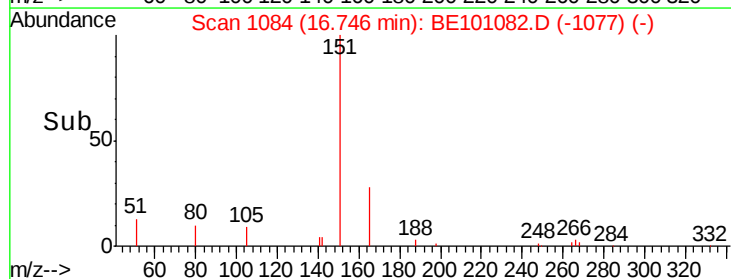
Abundance Ion 266.00 (265.70 to 266.70): E

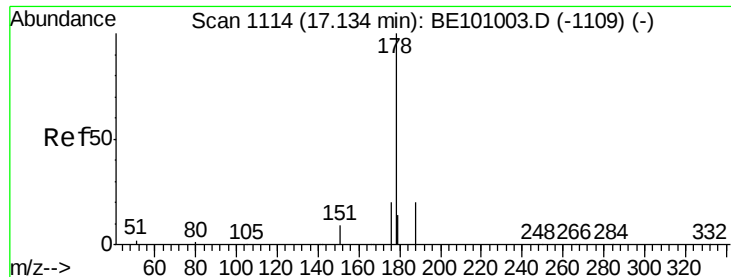
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

16.75

Time-->





#23

Phenanthrene

Concen: 5.779 ng

RT: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

Instrument :

BNA_E

ClientSampleId :

SB-31-(2-4)

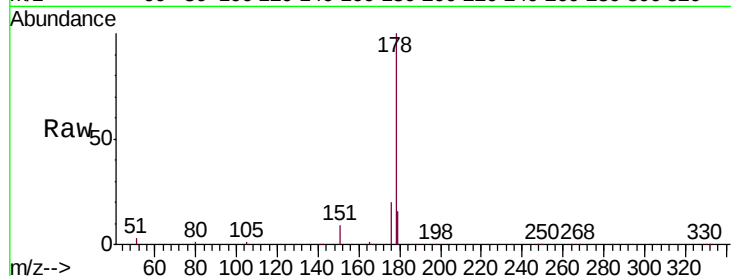
Tgt Ion:178 Resp: 437078

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

179 16.0 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

300000

200000

100000

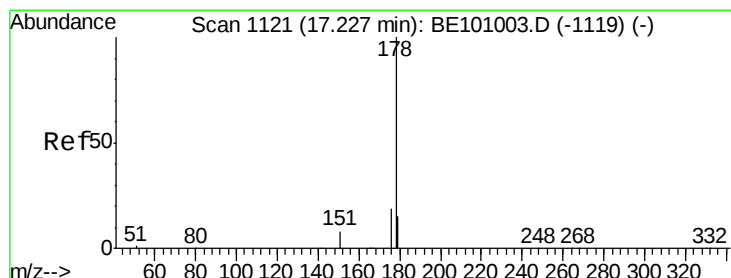
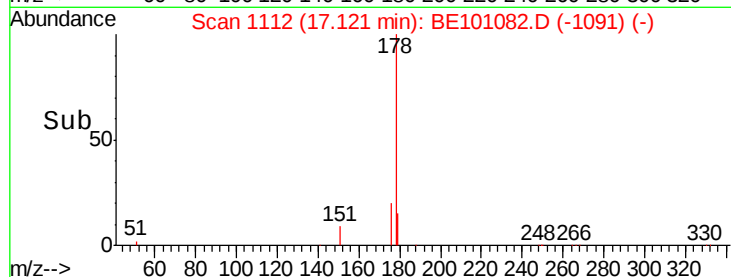
0

17.00

17.12

17.20

Time-->



#24

Anthracene

Concen: 1.570 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

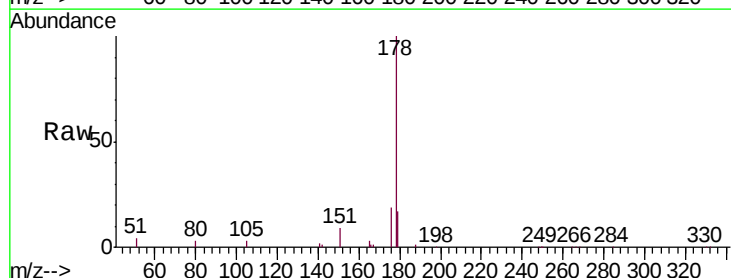
Tgt Ion:178 Resp: 112072

Ion Ratio Lower Upper

178 100

176 20.4 14.8 22.2

179 16.8 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

300000

200000

100000

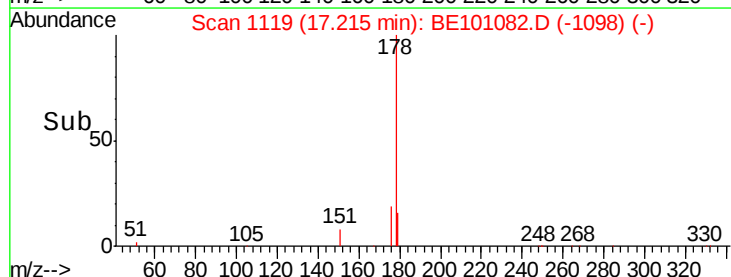
0

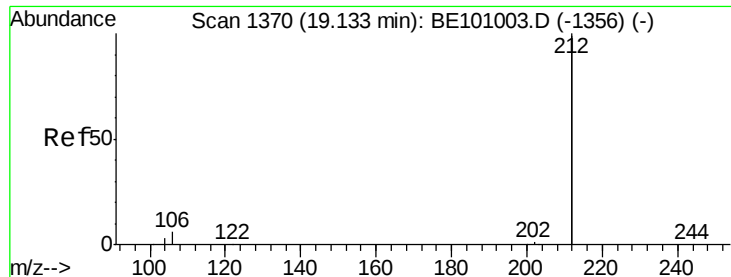
17.20

17.21

17.30

Time-->





#25

Fluoranthene-d10

Concen: 0.103 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

Instrument :

BNA_E

ClientSampleId :

SB-31-(2-4)

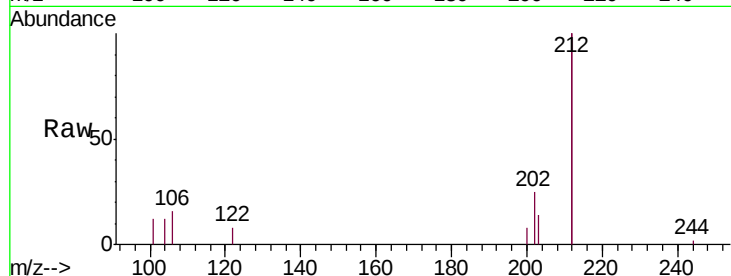
Tgt Ion:212 Resp: 39662

Ion Ratio Lower Upper

212 100

106 3.1 2.6 3.8

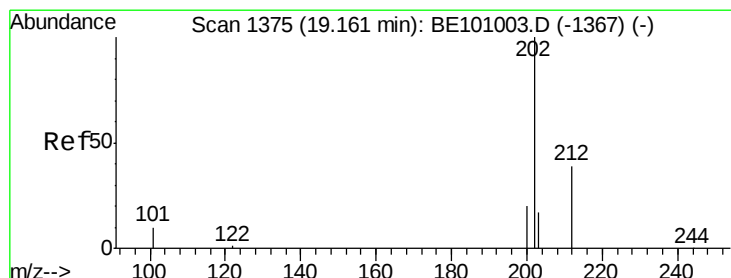
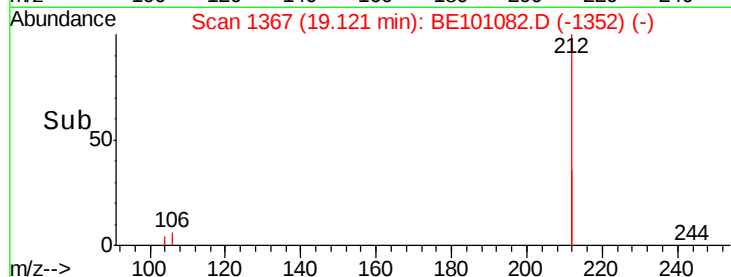
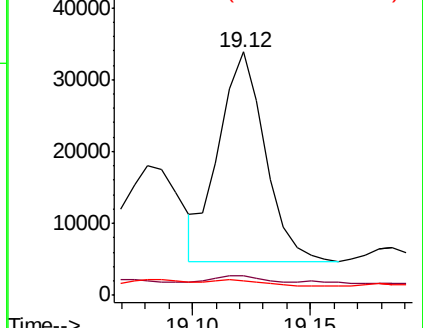
104 3.5 1.4 2.0#



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: 8.229 ng

RT: 19.15 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

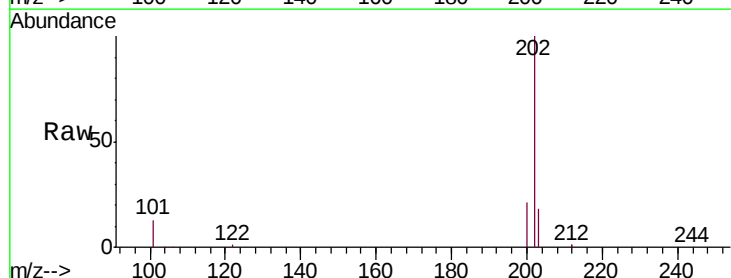
Tgt Ion:202 Resp: 779441

Ion Ratio Lower Upper

202 100

101 13.1 9.6 14.4

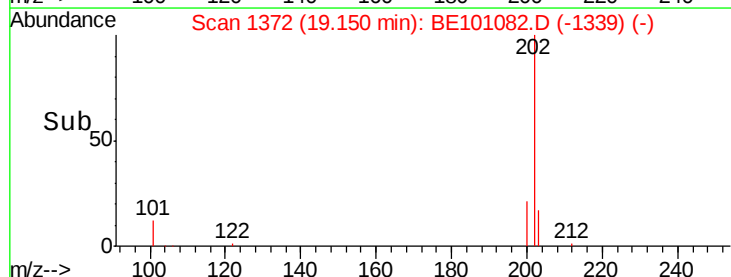
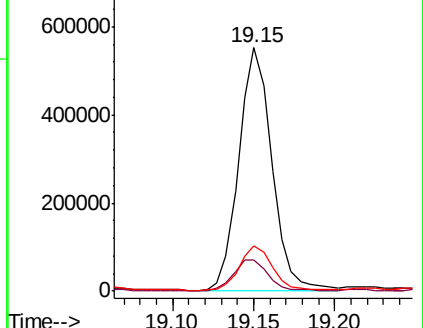
203 17.9 13.8 20.6

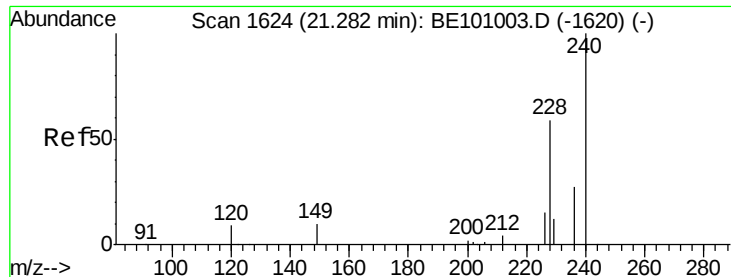


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE101082.D

Acq: 16 Jan 2020 19:04

Instrument :

BNA_E

ClientSampleId :

SB-31-(2-4)

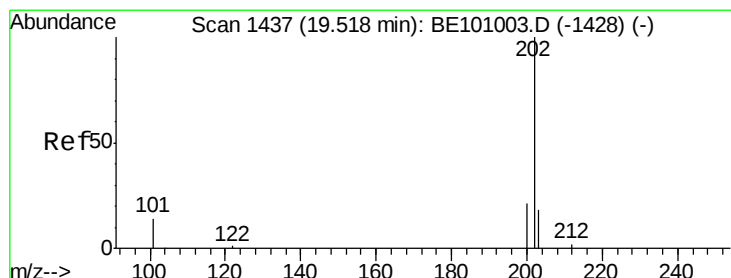
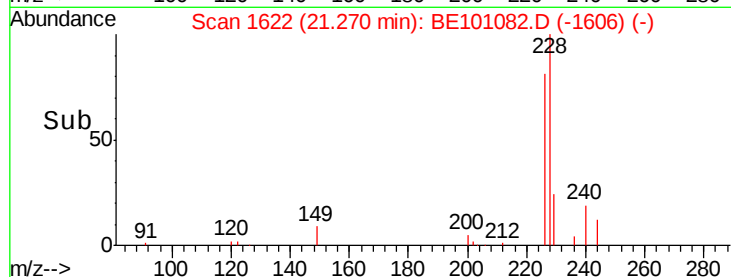
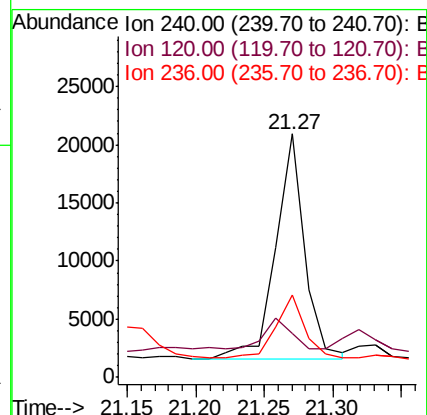
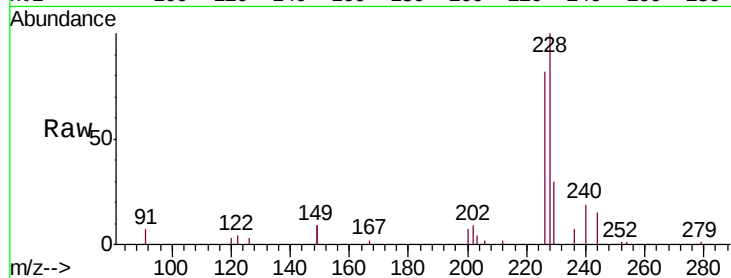
Tgt Ion:240 Resp: 28114

Ion Ratio Lower Upper

240 100

120 17.8 8.6 13.0#

236 33.7 22.2 33.4#



#28

Pyrene

Concen: 10.124 ng

RT: 19.51 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

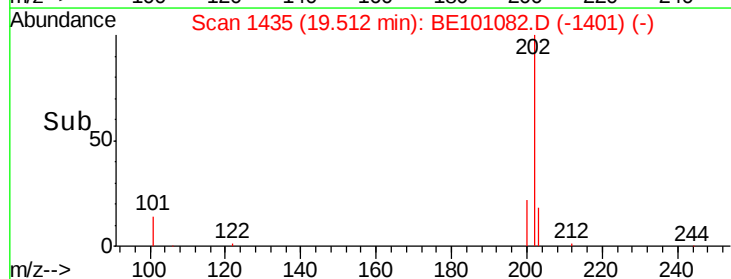
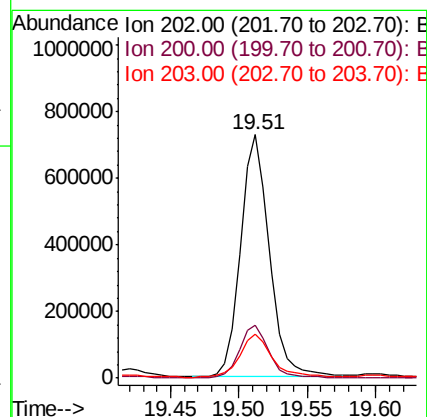
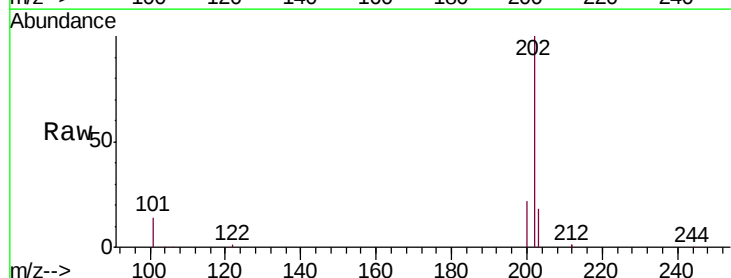
Tgt Ion:202 Resp: 1059528

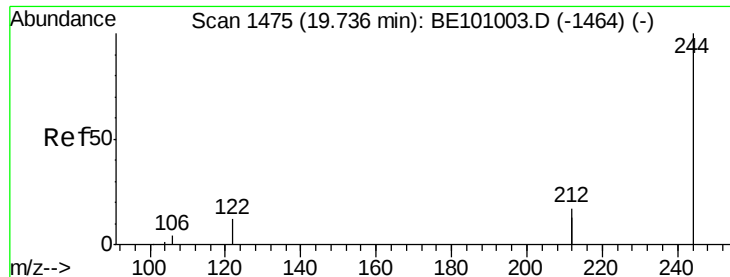
Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.4

203 19.6 13.8 20.6





#29

Terphenyl-d14

Concen: 0.119 ng

RT: 19.72 min Scan# 1471

Delta R.T. -0.02 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

Instrument :

BNA_E

ClientSampleId :

SB-31-(2-4)

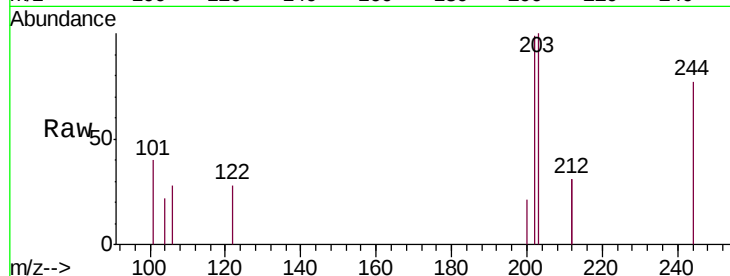
Tgt Ion:244 Resp: 8193

Ion Ratio Lower Upper

244 100

212 80.4 27.2 40.8#

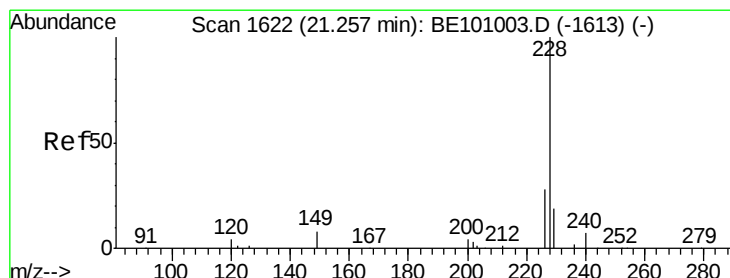
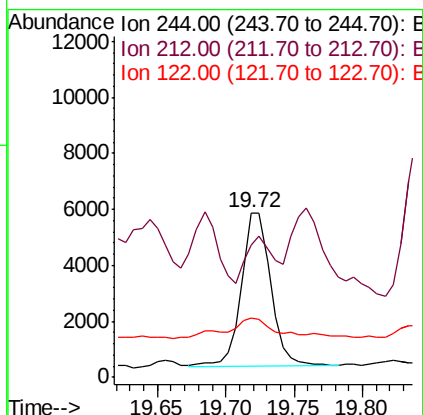
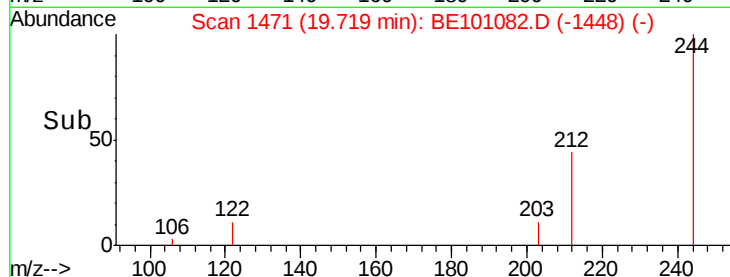
122 36.1 9.8 14.8#



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: 7.749 ng

RT: 21.25 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

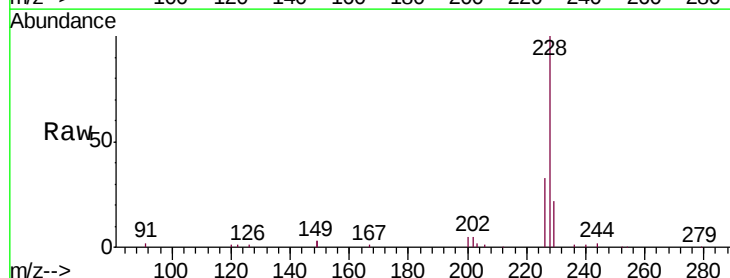
Tgt Ion:228 Resp: 621612

Ion Ratio Lower Upper

228 100

226 32.7 22.7 34.1

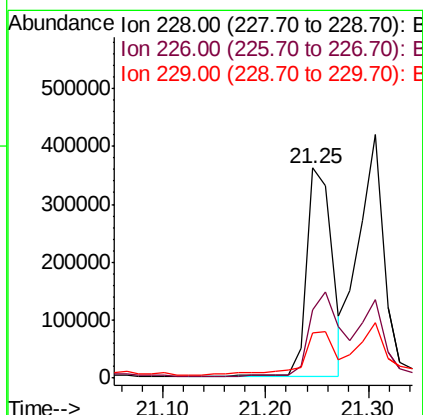
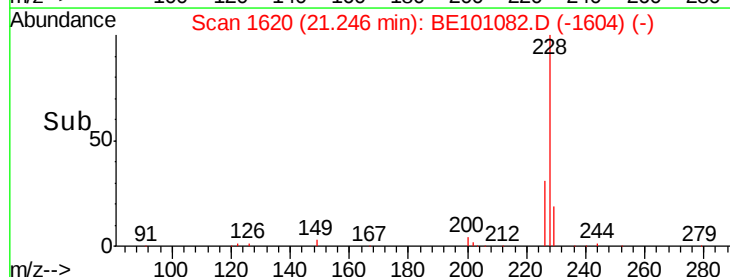
229 21.5 15.5 23.3

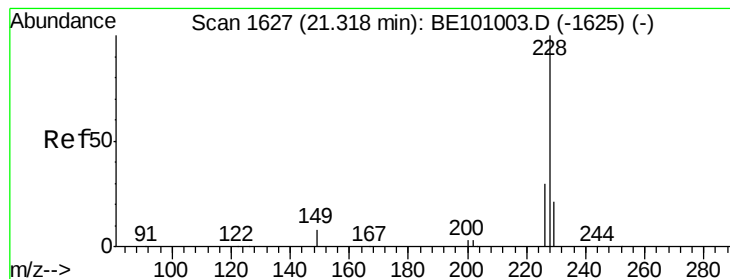


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 6.145 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

Instrument :

BNA_E

ClientSampleId :

SB-31-(2-4)

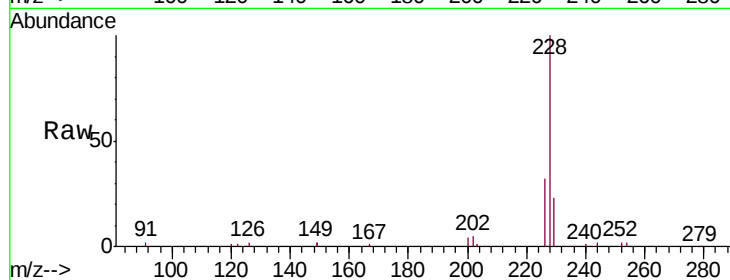
Tgt Ion:228 Resp: 732649

Ion Ratio Lower Upper

228 100

226 32.3 23.5 35.3

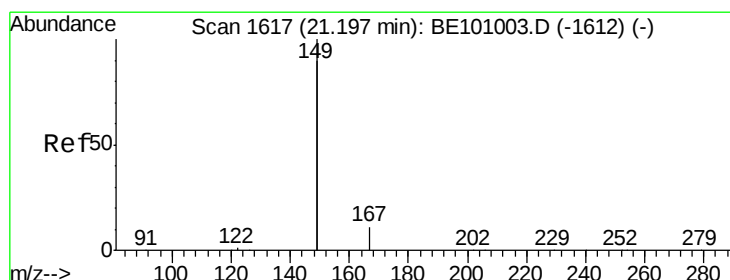
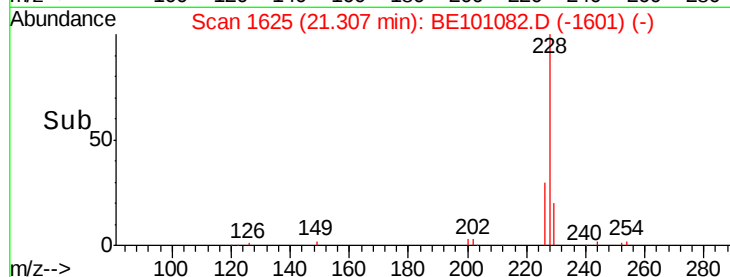
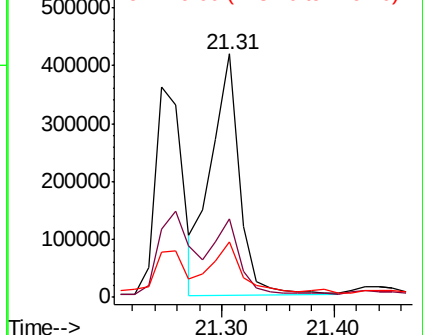
229 22.6 16.7 25.1



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: 0.211 ng

RT: 21.20 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

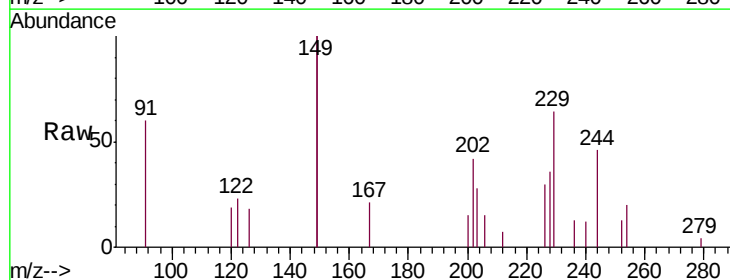
Tgt Ion:149 Resp: 28146

Ion Ratio Lower Upper

149 100

167 5.3 5.2 7.8

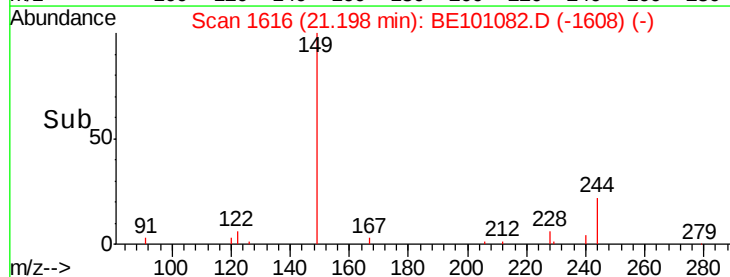
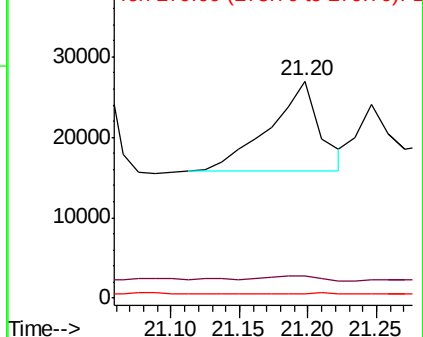
279 0.5 0.8 1.2#

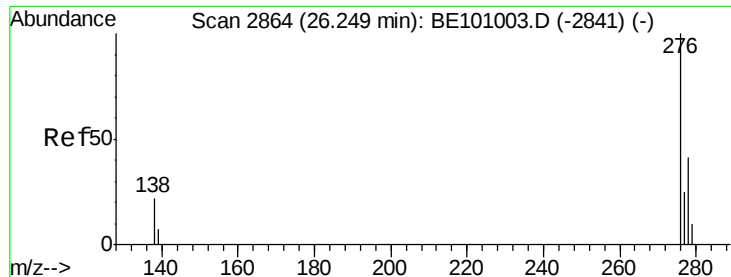


Abundance Ion 149.00 (148.70 to 149.70): E

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: 4.188 ng

RT: 26.23 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

Instrument :

BNA_E

ClientSampleId :

SB-31-(2-4)

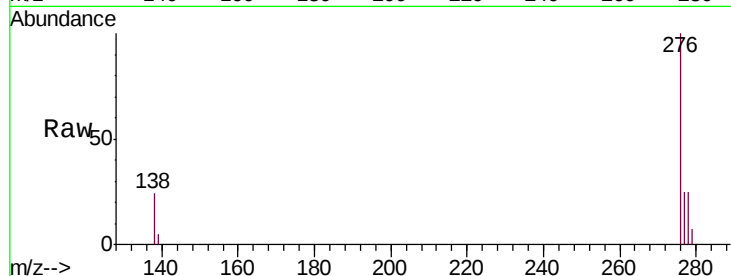
Tgt Ion:276 Resp: 394534

Ion Ratio Lower Upper

276 100

138 22.3 16.1 24.1

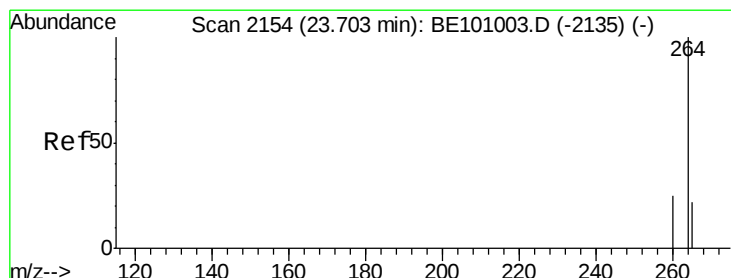
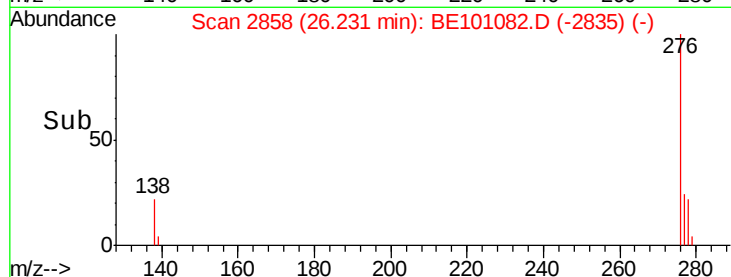
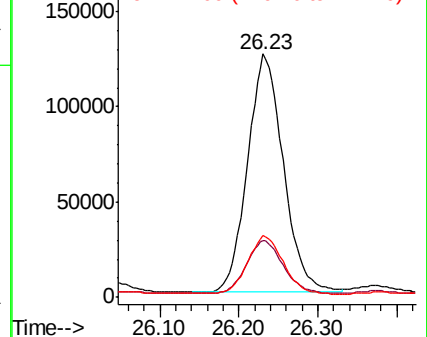
277 24.2 18.1 27.1



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# 2150

Delta R.T. -0.01 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

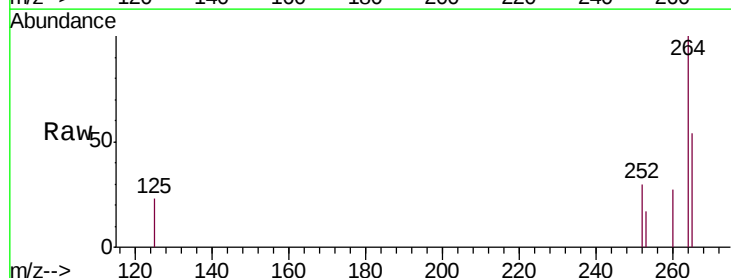
Tgt Ion:264 Resp: 35030

Ion Ratio Lower Upper

264 100

260 26.7 20.3 30.5

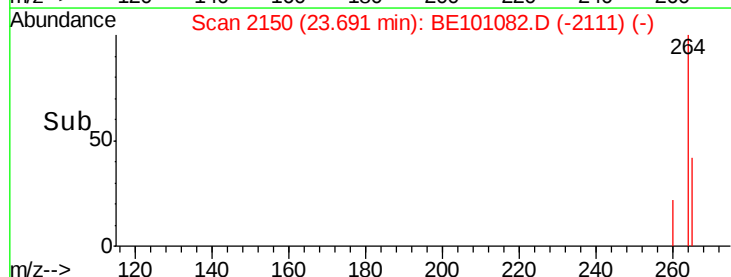
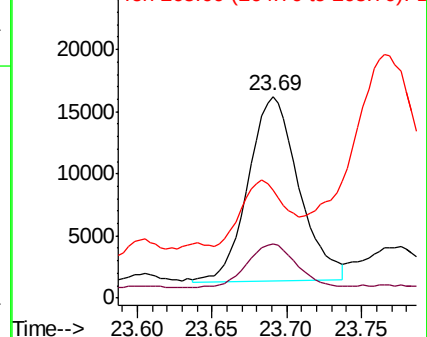
265 53.7 27.0 40.4#

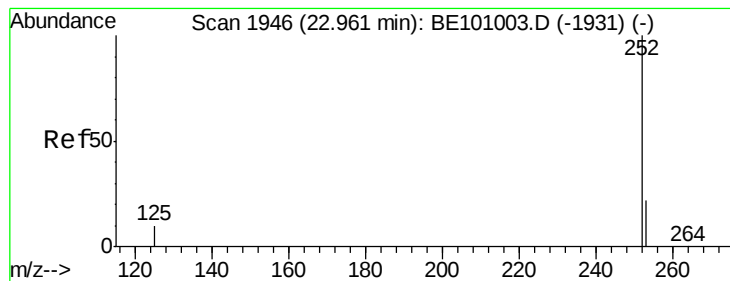


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 8.204 ng

RT: 22.96 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

Instrument :

BNA_E

ClientSampleId :

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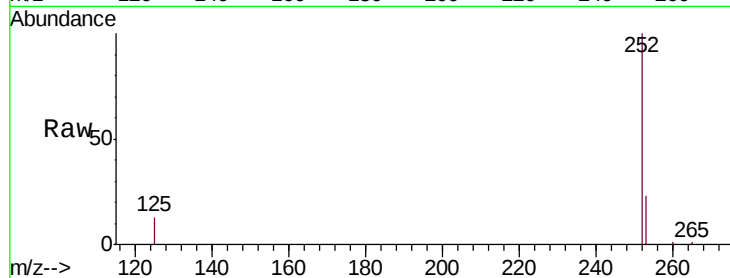
Tgt Ion:252 Resp: 805989

Ion Ratio Lower Upper

252 100

253 23.0 18.5 27.7

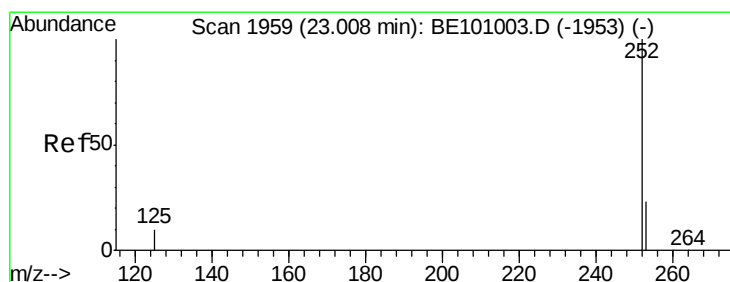
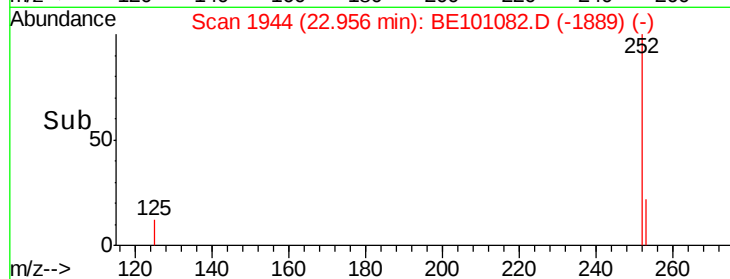
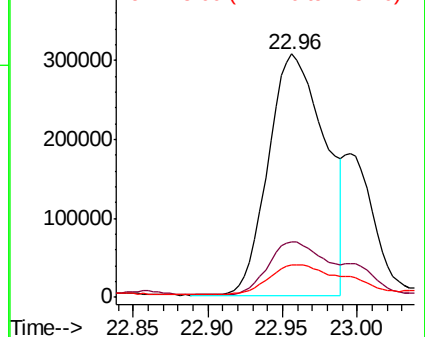
125 13.3 9.5 14.3



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: 5.661 ng

RT: 22.96 min Scan# 1944

Delta R.T. -0.05 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

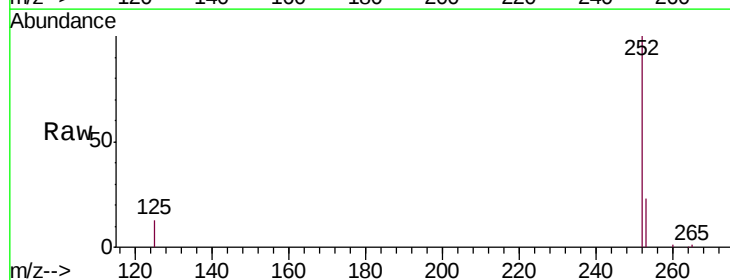
Tgt Ion:252 Resp: 805989

Ion Ratio Lower Upper

252 100

253 23.0 18.9 28.3

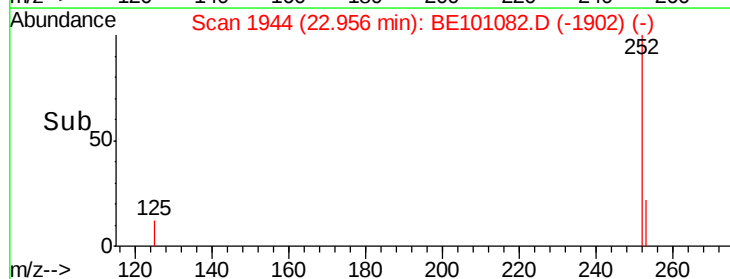
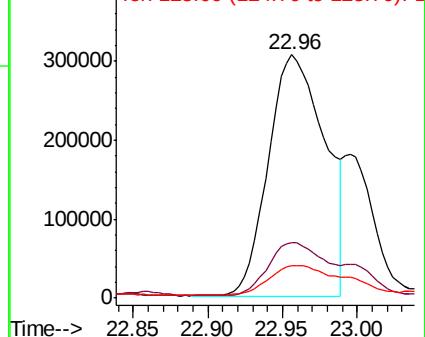
125 13.3 10.1 15.1

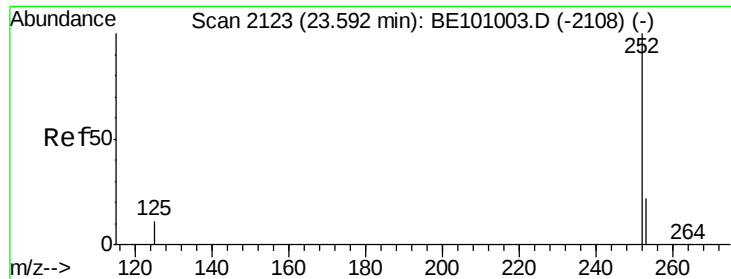


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 5.589 ng

RT: 23.58 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

Instrument :

BNA_E

ClientSampleId :

SB-31-(2-4)

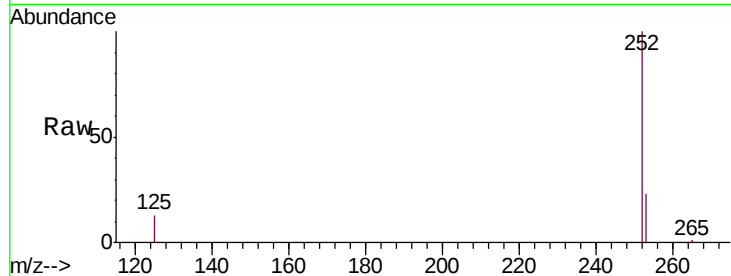
Tgt Ion:252 Resp: 531184

Ion Ratio Lower Upper

252 100

253 22.9 19.4 29.2

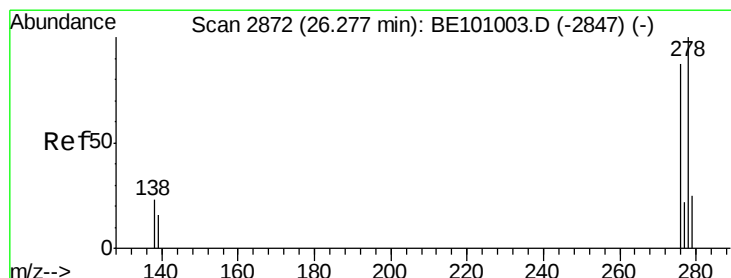
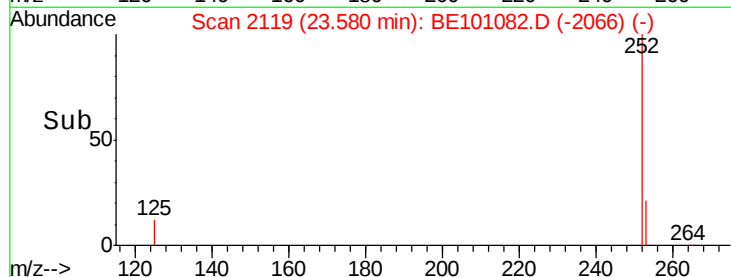
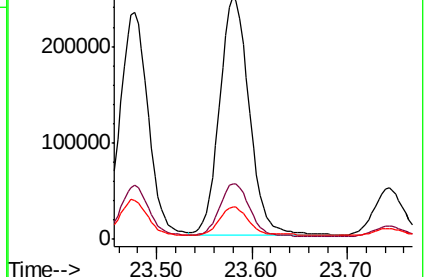
125 13.4 11.8 17.6



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: 1.378 ng

RT: 26.25 min Scan# 2862

Delta R.T. -0.03 min

Lab File: BE101082.D

Acq: 16 Jan 2020 19:04

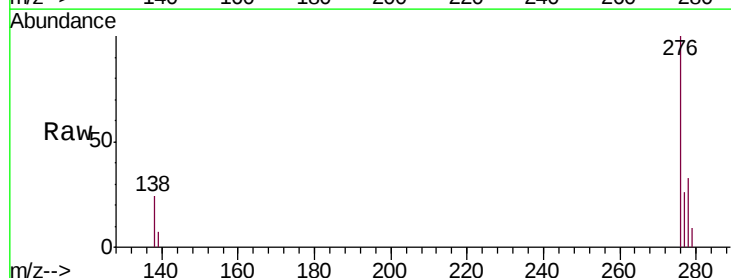
Tgt Ion:278 Resp: 120411

Ion Ratio Lower Upper

278 100

139 20.2 15.0 22.4

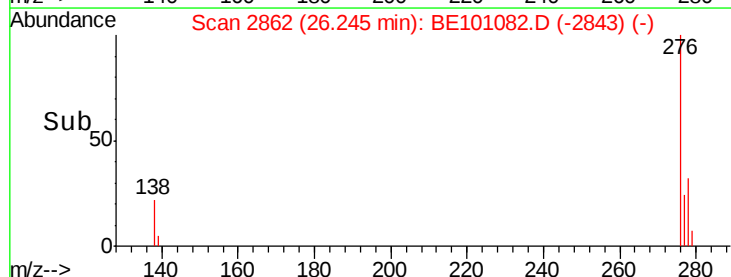
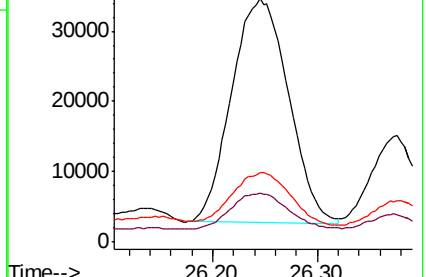
279 28.3 22.6 33.8

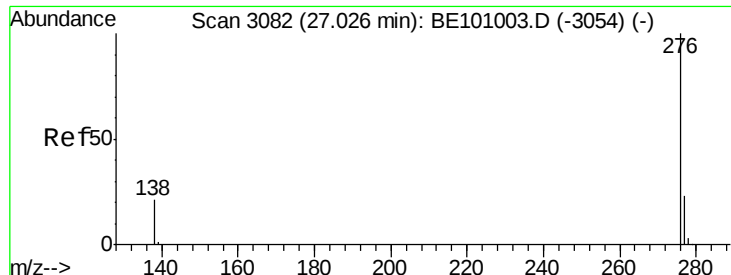


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 3.841 ng

RT: 27.02 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BE101082.D

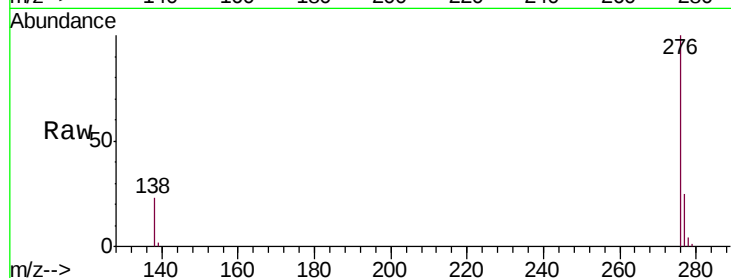
Acq: 16 Jan 2020 19:04

Instrument :

BNA_E

ClientSampleId :

SB-31-(2-4)



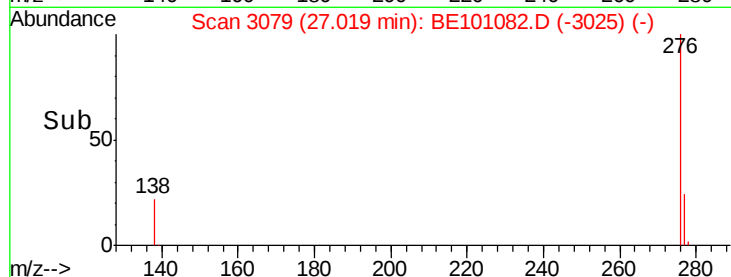
Tgt Ion: 276 Resp: 412832

Ion Ratio Lower Upper

276 100

277 24.6 19.4 29.2

138 23.4 17.9 26.9



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

