

Data File : BE101124.D
Acq On : 22 Jan 2020 21:00
Operator : CG/JU
Sample : L1148-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SB-33-(5-7)

Quant Time: Jan 23 04:09:12 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	3189	0.40	ng	-0.02
7) Naphthalene-d8	10.50	136	16301	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	13488	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	20638	0.40	ng	0.00
27) Chrysene-d12	21.32	240	26595	0.40	ng	0.04
34) Perylene-d12	23.77	264	20369	0.40	ng	0.06

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	3467	0.48	ng	0.00
5) Phenol-d6	6.91	99	4728	0.52	ng	-0.01
8) Nitrobenzene-d5	8.86	82	3572	0.31	ng	-0.01
11) 2-Methylnaphthalene-d10	12.09	152	5519	0.18	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	1106	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	7781	0.15	ng	-0.01
25) Fluoranthene-d10	19.17	212	72052	0.25	ng	0.03
29) Terphenyl-d14	19.75	244	16697	0.26	ng	0.01

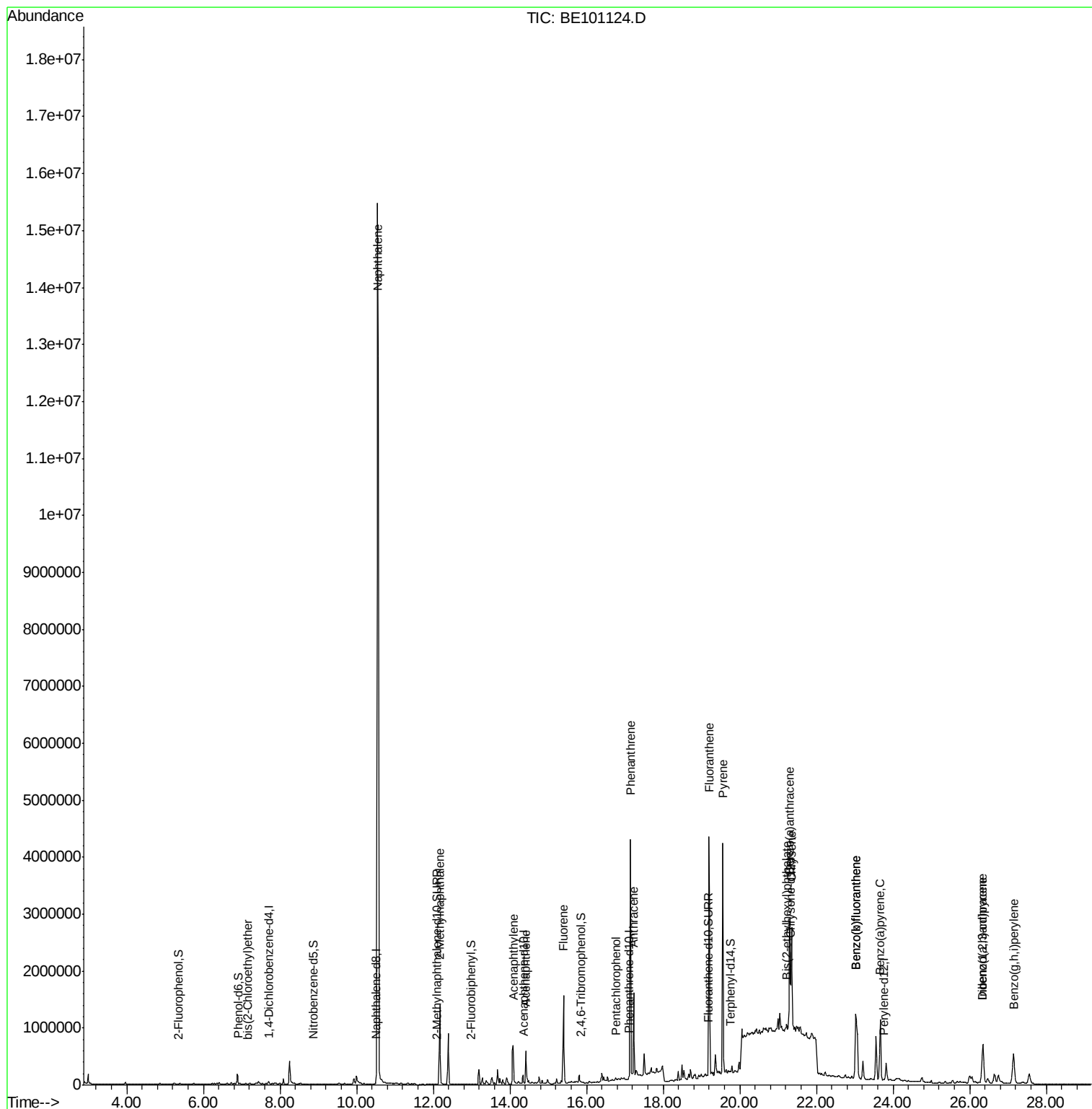
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	507	Below Cal	#	1
6) bis(2-Chloroethyl)ether	7.16	93	1825	0.169 ng	#	1
9) Naphthalene	10.55	128	30021542	165.864 ng	#	98
12) 2-Methylnaphthalene	12.17	142	935017	34.151 ng		100
16) Acenaphthylene	14.08	152	997202	18.152 ng		99
17) Acenaphthene	14.41	154	316944	8.061 ng		98
18) Fluorene	15.39	166	1168861	23.518 ng		99
22) Pentachlorophenol	16.77	266	3179	1.073 ng		84
23) Phenanthrene	17.15	178	4873723	86.481 ng		95
24) Anthracene	17.23	178	1721420	32.371 ng		98
26) Fluoranthene	19.20	202	4559909	64.610 ng		97
28) Pyrene	19.56	202	4061272	41.023 ng	#	94
30) Benzo(a)anthracene	21.31	228	2471144	32.563 ng	#	92
31) Chrysene	21.35	228	1885835	16.720 ng	#	92
32) Bis(2-ethylhexyl)phthalate	21.22	149	134337	1.062 ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.35	276	1318655	14.797 ng		97
35) Benzo(b)fluoranthene	23.03	252	2413240	42.244 ng	#	92
36) Benzo(k)fluoranthene	23.03	252	2413240	29.152 ng	#	93
37) Benzo(a)pyrene	23.67	252	1806568	32.691 ng		98
38) Dibenzo(a,h)anthracene	26.35	278	336153	6.614 ng	#	96
39) Benzo(g,h,i)perylene	27.15	276	1338204	21.411 ng		99

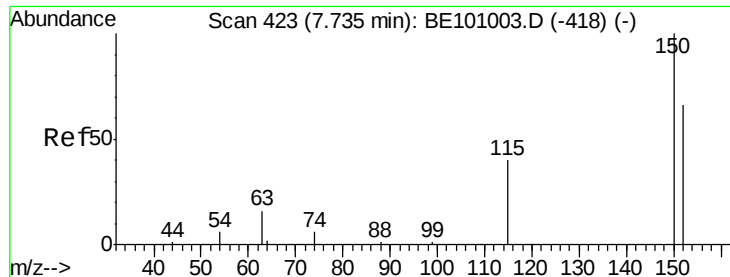
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.71 min Scan# 421

Delta R.T. -0.02 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

Instrument :

BNA_E

ClientSampleId :

SB-33-(5-7)

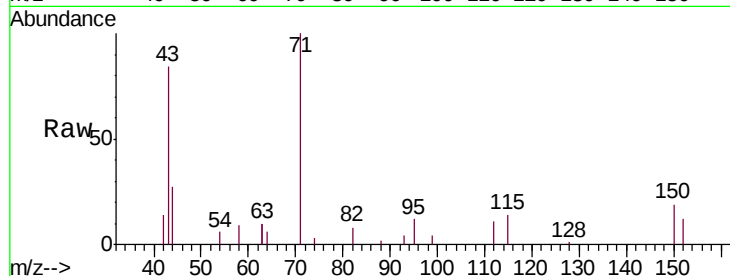
Tgt Ion:152 Resp: 3189

Ion Ratio Lower Upper

152 100

150 159.7 120.3 180.5

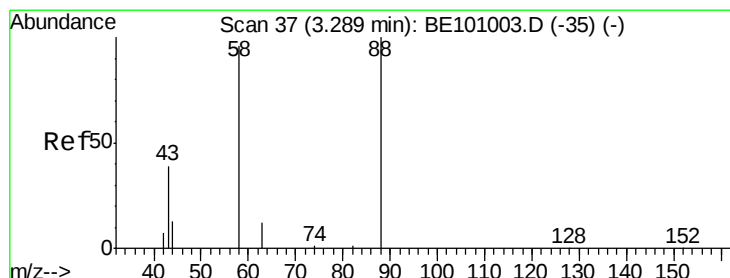
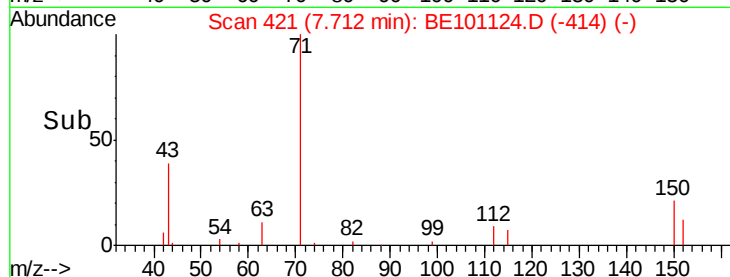
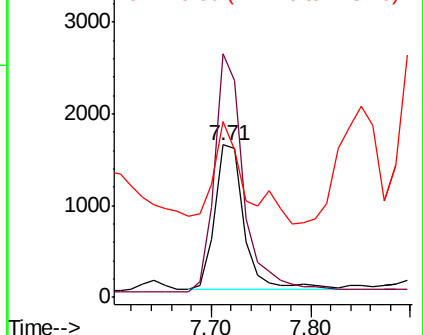
115 115.1 51.7 77.5#



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: Below Cal

RT: 3.27 min Scan# 35

Delta R.T. -0.02 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

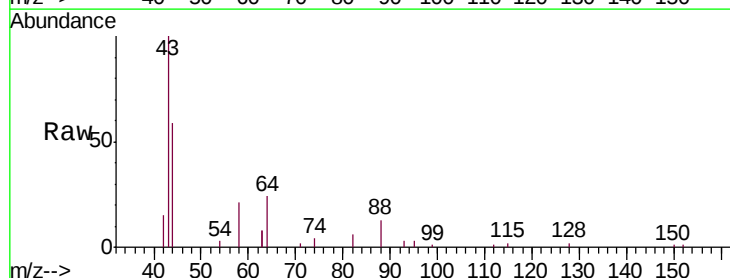
Tgt Ion: 88 Resp: 507

Ion Ratio Lower Upper

88 100

58 0.0 53.0 79.4#

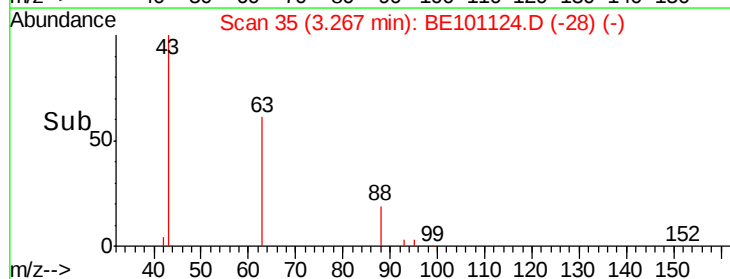
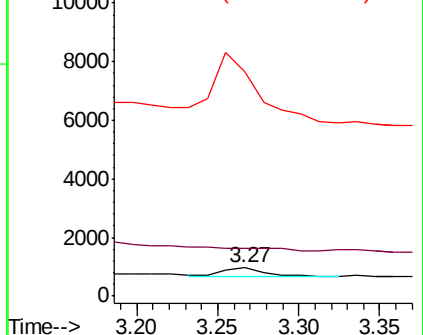
43 872.6 23.4 35.2#

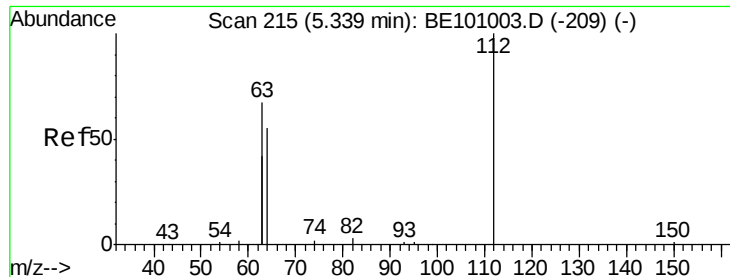


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.483 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

Instrument :

BNA_E

ClientSampleId :

SB-33-(5-7)

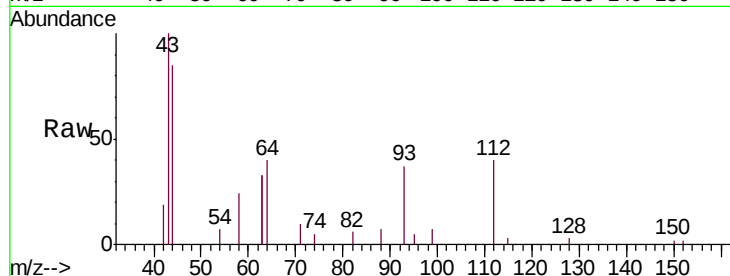
Tgt Ion:112 Resp: 3467

Ion Ratio Lower Upper

112 100

64 49.8 53.6 80.4#

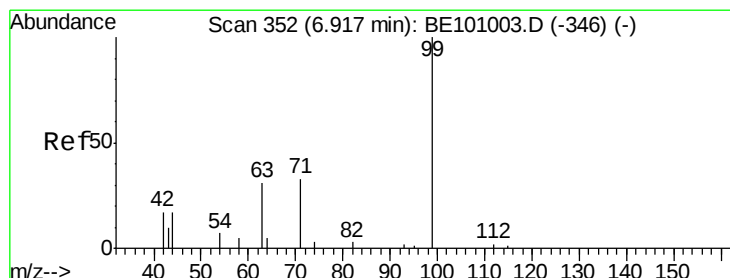
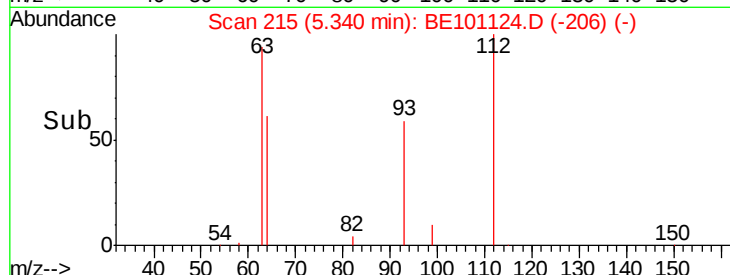
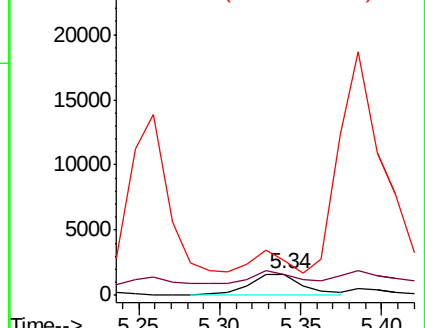
63 67.1 114.6 172.0#



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: 0.521 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

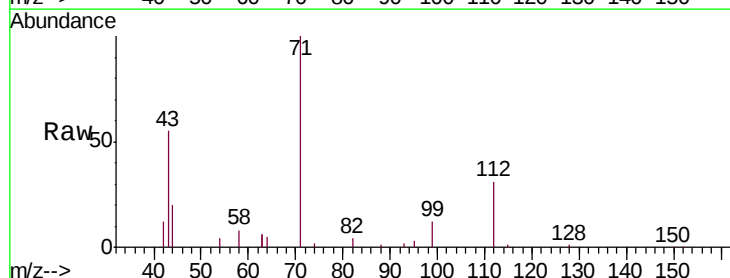
Tgt Ion: 99 Resp: 4728

Ion Ratio Lower Upper

99 100

42 0.0 18.3 27.5#

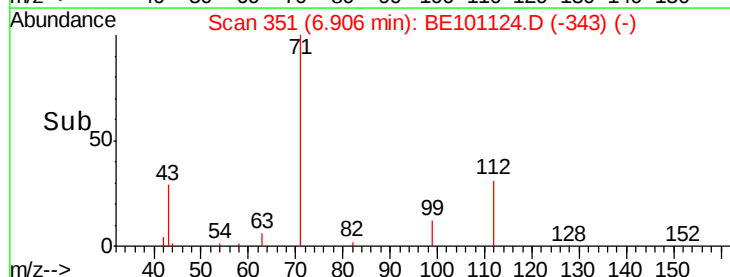
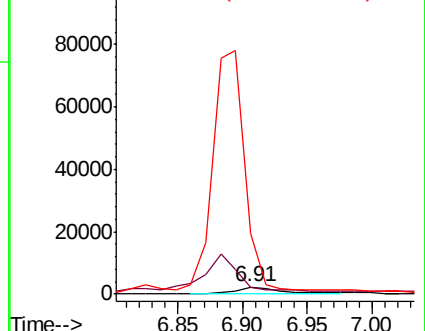
71 2850.1 28.0 42.0#

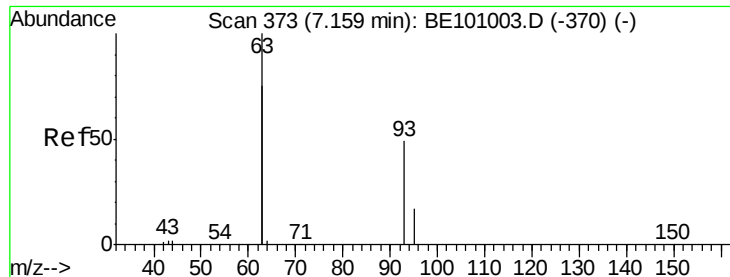


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.169 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

Instrument :

BNA_E

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SB-33-(5-7)

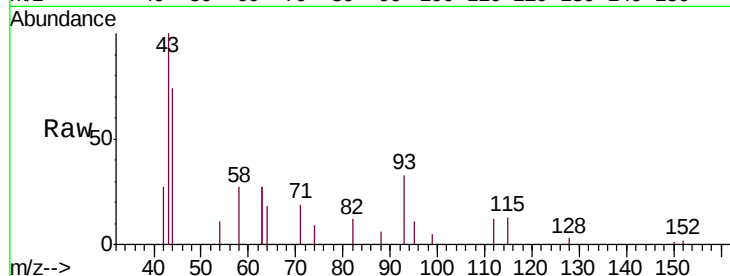
Tgt Ion: 93 Resp: 1825

Ion Ratio Lower Upper

93 100

63 0.0 233.9 350.9#

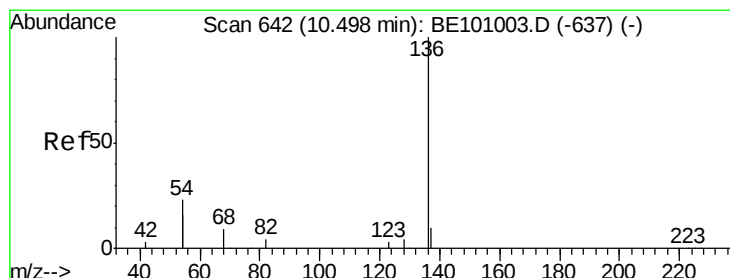
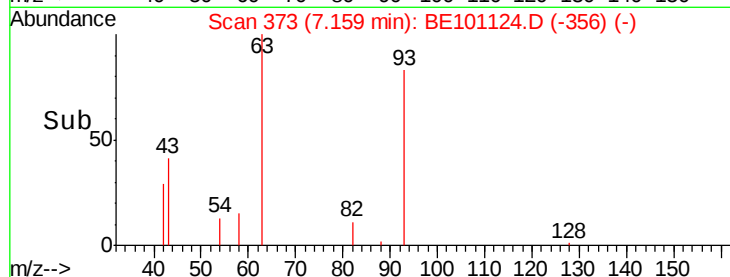
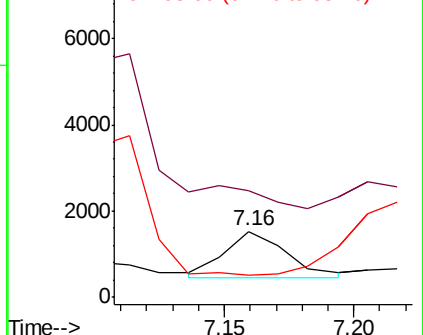
95 0.0 23.5 35.3#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

Tgt Ion: 136 Resp: 16301

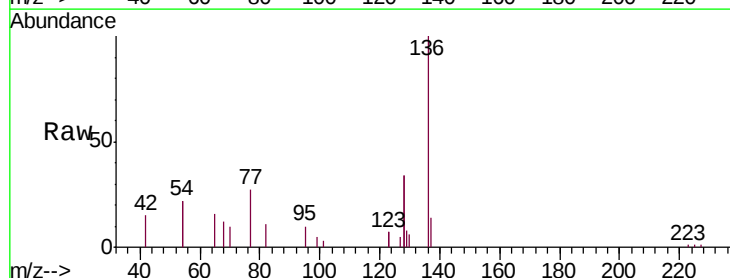
Ion Ratio Lower Upper

136 100

137 13.6 9.3 13.9

54 44.5 36.8 55.2

68 12.4 8.4 12.6

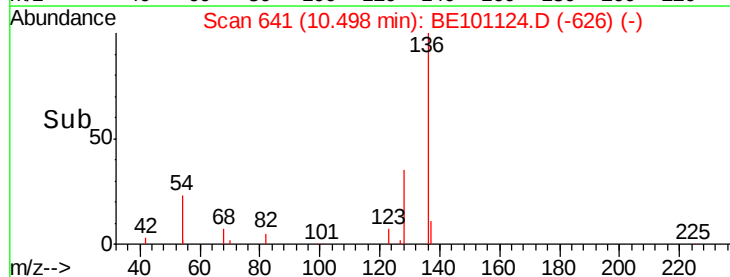
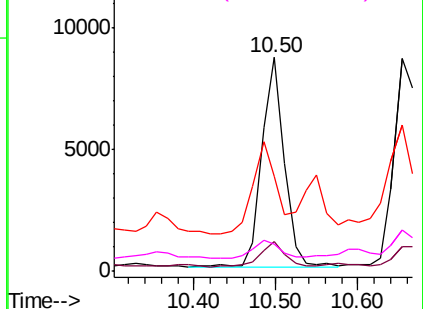


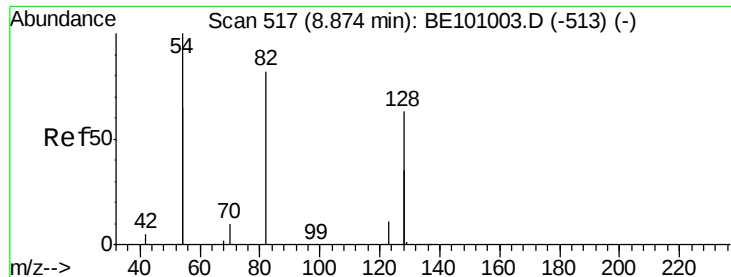
Abundance Ion 136.00 (135.70 to 136.70): E

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

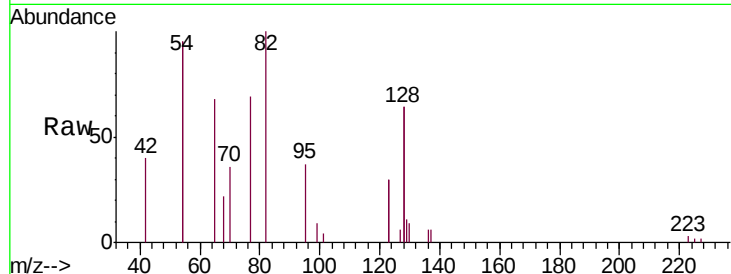




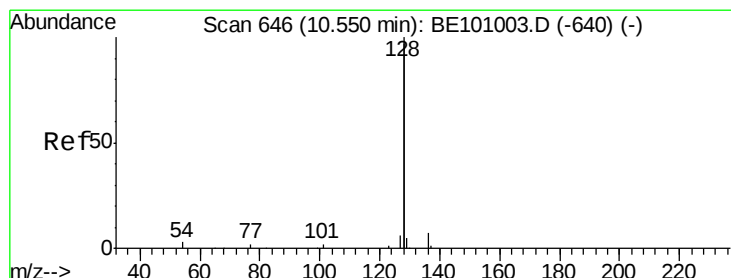
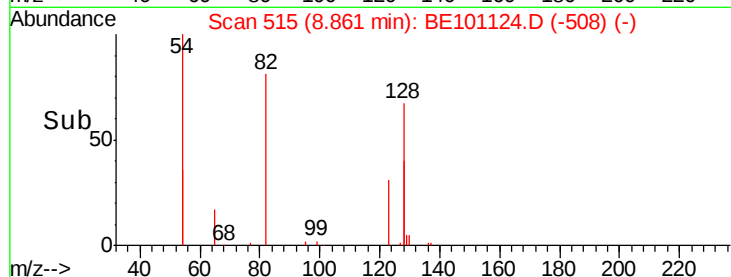
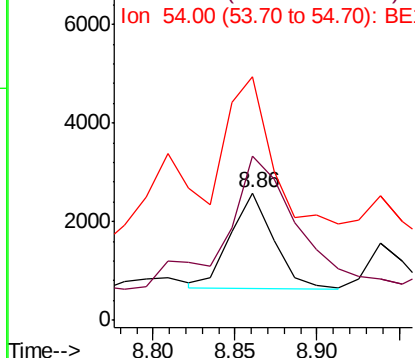
#8
 Nitrobenzene-d5
 Concen: 0.306 ng
 RT: 8.86 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BE101124.D
 Acq: 22 Jan 2020 21:00

Instrument :
 BNA_E
 ClientSampleId :
 SB-33-(5-7)

Tgt Ion: 82 Resp: 3572
 Ion Ratio Lower Upper
 82 100
 128 128.1 109.8 164.6
 54 190.6 174.5 261.7

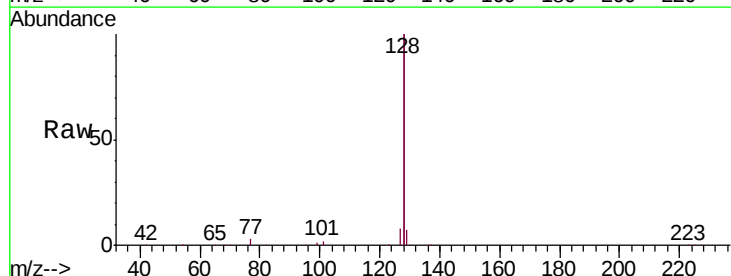


Abundance Ion 82.00 (81.70 to 82.70): BE1
 Ion 128.00 (127.70 to 128.70): BE1
 Ion 54.00 (53.70 to 54.70): BE1

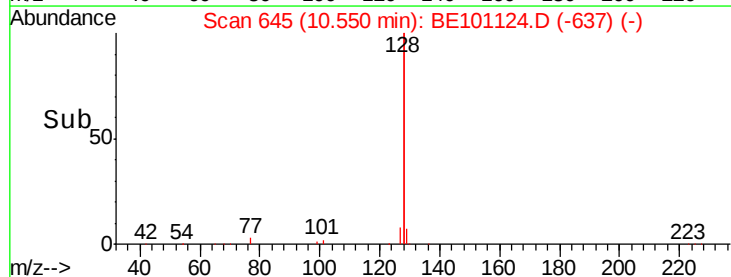
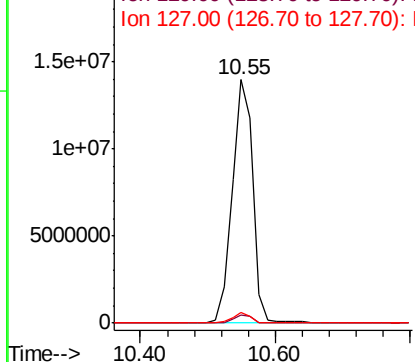


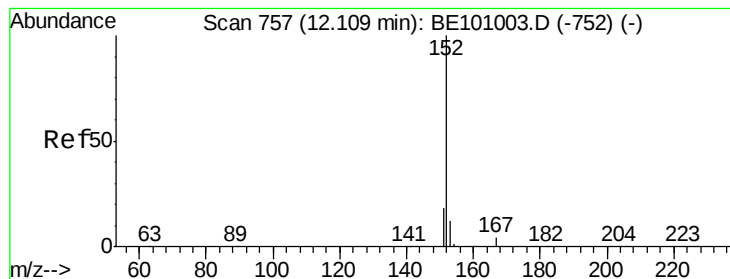
#9
 Naphthalene
 Concen: 165.864 ng
 RT: 10.55 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BE101124.D
 Acq: 22 Jan 2020 21:00

Tgt Ion: 128 Resp: 30021542
 Ion Ratio Lower Upper
 128 100
 129 3.3 2.3 3.5
 127 4.2 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: 0.177 ng

RT: 12.09 min Scan# 755

Delta R.T. -0.01 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

Instrument :

BNA_E

ClientSampleId :

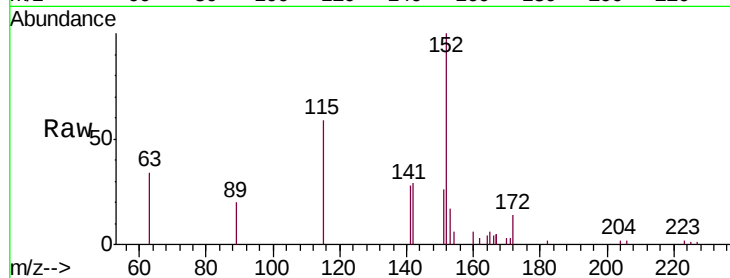
SB-33-(5-7)

Tgt Ion:152 Resp: 5519

Ion Ratio Lower Upper

152 100

151 20.3 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.09

3000

2000

1000

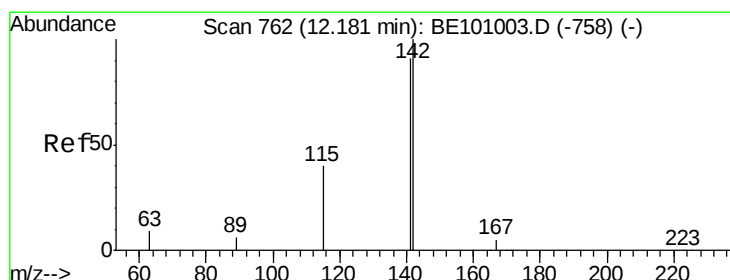
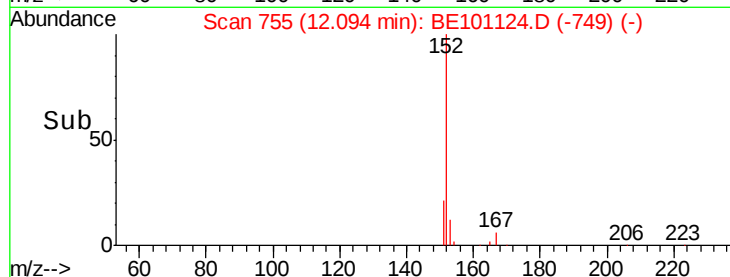
0

Time-->

12.00

12.10

12.20



#12

2-Methylnaphthalene

Concen: 34.151 ng

RT: 12.17 min Scan# 760

Delta R.T. -0.01 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

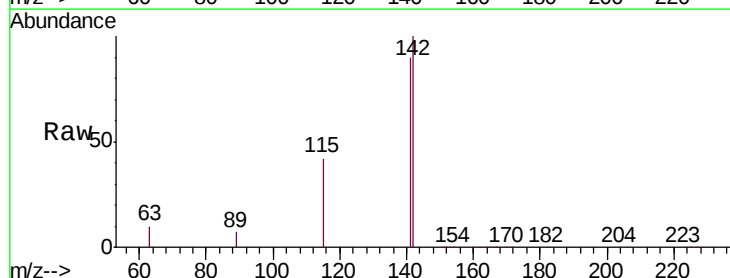
Tgt Ion:142 Resp: 935017

Ion Ratio Lower Upper

142 100

141 90.3 72.5 108.7

115 41.8 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

12.17

600000

400000

200000

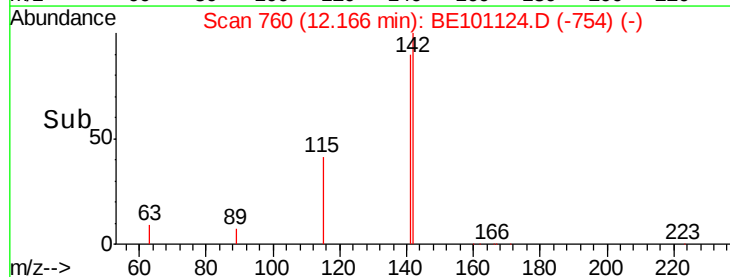
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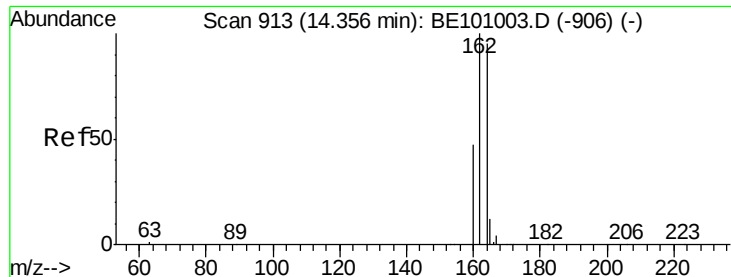
Time-->

12.10

12.20

12.30

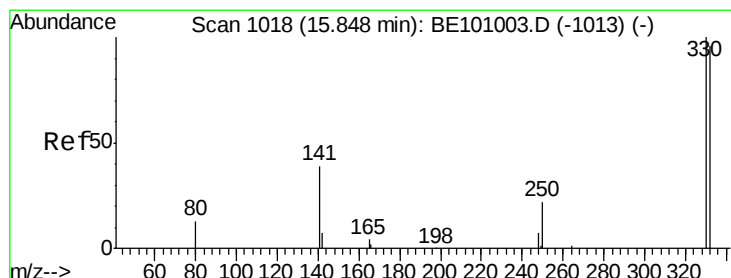
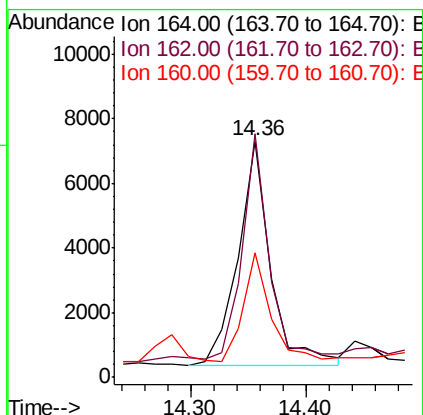
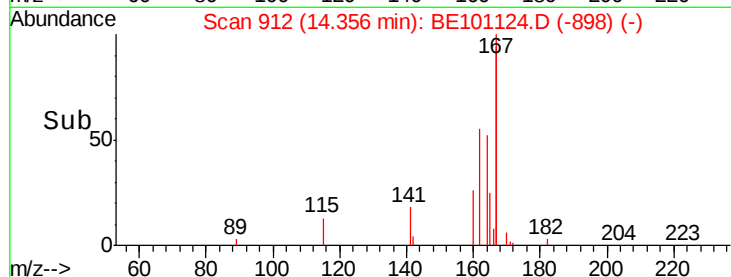
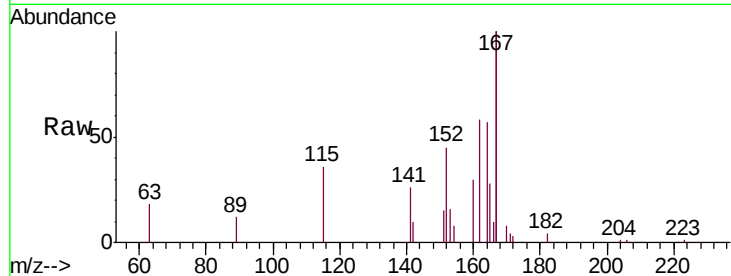




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101124.D
Acq: 22 Jan 2020 21:00

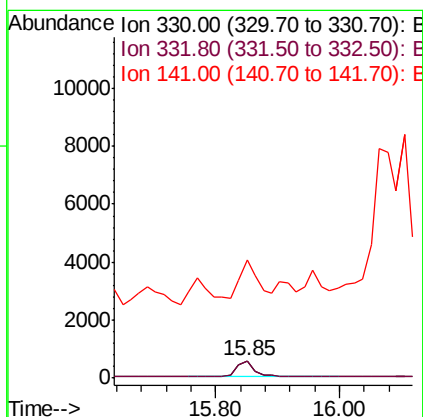
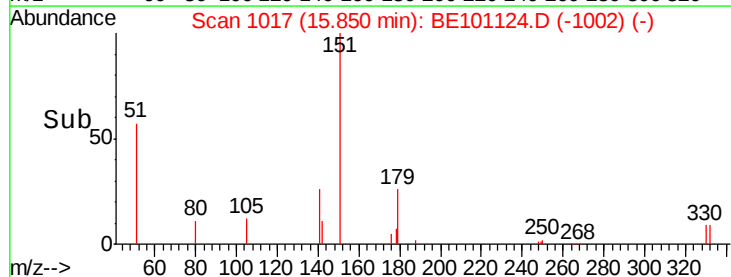
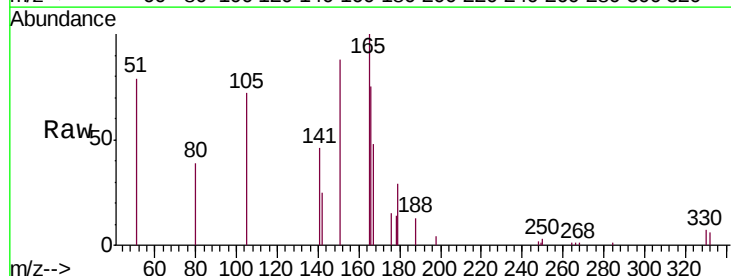
Instrument :
BNA_E
ClientSampleId :
SB-33-(5-7)

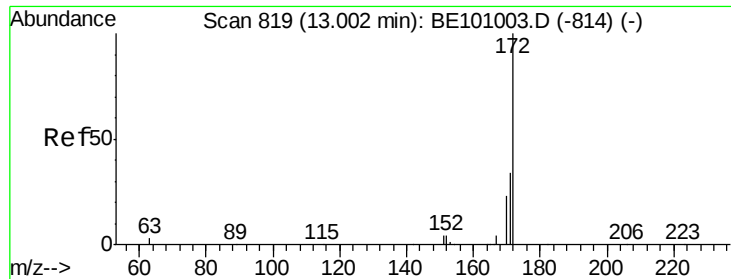
Tgt Ion:164 Resp: 13488
Ion Ratio Lower Upper
164 100
162 103.1 84.1 126.1
160 52.6 40.4 60.6



#14
2,4,6-Tribromophenol
Concen: 0.291 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101124.D
Acq: 22 Jan 2020 21:00

Tgt Ion:330 Resp: 1106
Ion Ratio Lower Upper
330 100
332 94.7 78.4 117.6
141 233.9 37.0 55.4#

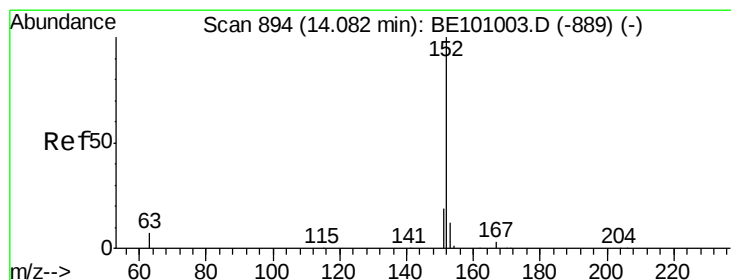
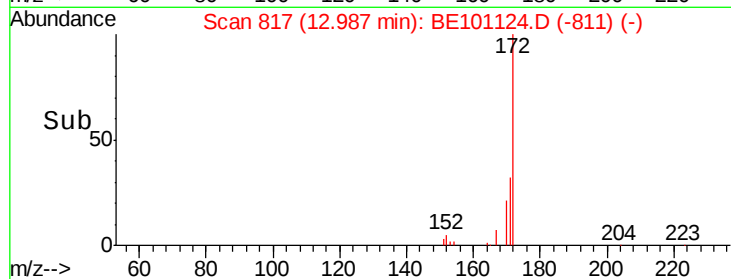
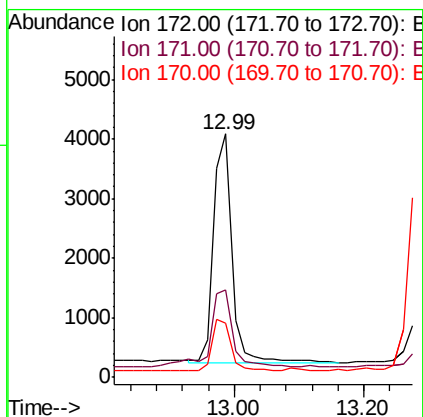
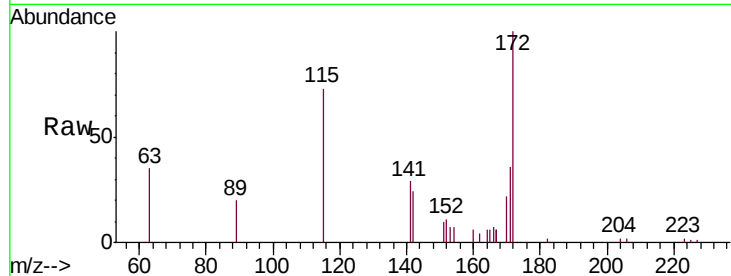




#15
 2-Fluorobiphenyl
 Concen: 0.152 ng
 RT: 12.99 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BE101124.D
 Acq: 22 Jan 2020 21:00

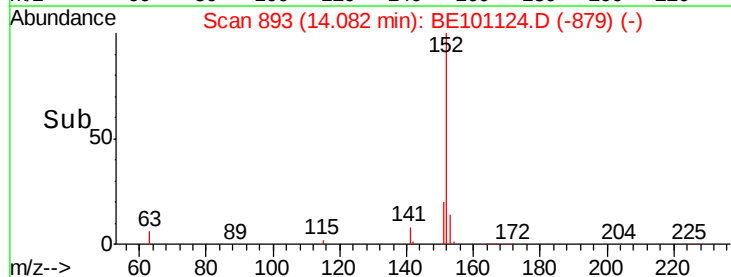
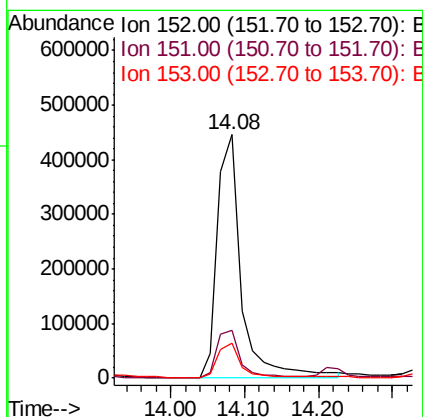
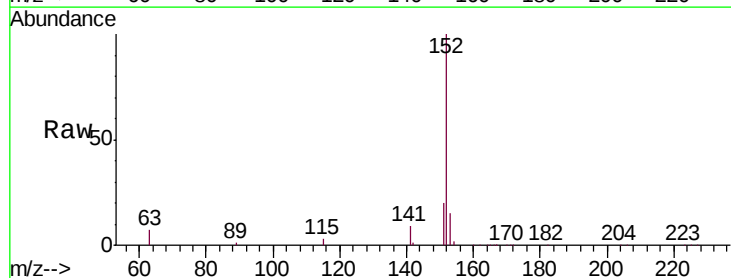
Instrument :
 BNA_E
 ClientSampleId :
 SB-33-(5-7)

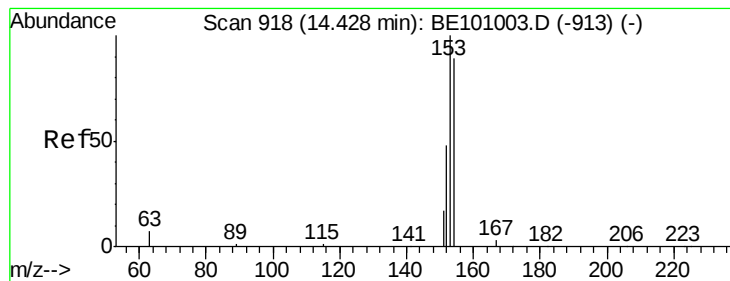
Tgt Ion:172 Resp: 7781
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.2 42.2
 170 22.4 18.9 28.3



#16
 Acenaphthylene
 Concen: 18.152 ng
 RT: 14.08 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BE101124.D
 Acq: 22 Jan 2020 21:00

Tgt Ion:152 Resp: 997202
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.5 23.3
 153 13.8 10.4 15.6





#17

Acenaphthene

Concen: 8.061 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.01 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

Instrument :

BNA_E

ClientSampleId :

SB-33-(5-7)

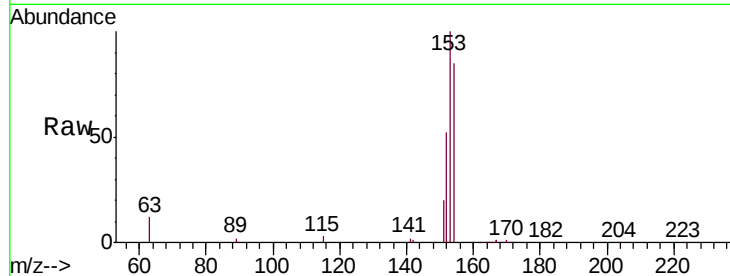
Tgt Ion:154 Resp: 316944

Ion Ratio Lower Upper

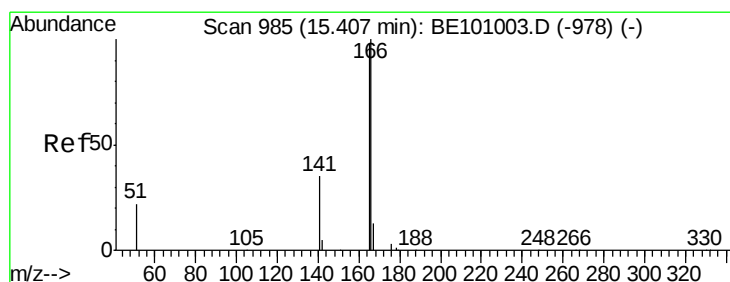
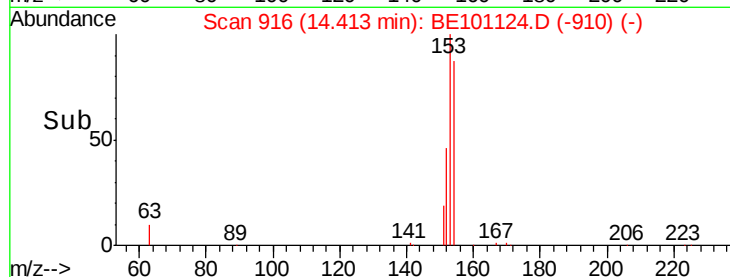
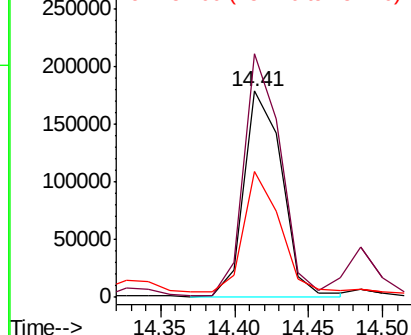
154 100

153 113.6 93.6 140.4

152 57.8 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: 23.518 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

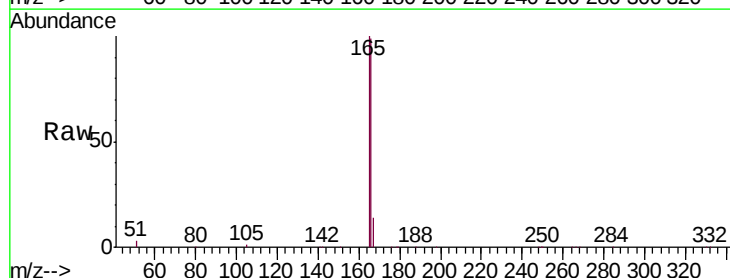
Tgt Ion:166 Resp: 1168861

Ion Ratio Lower Upper

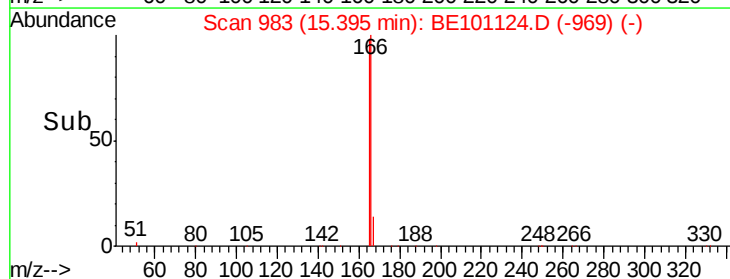
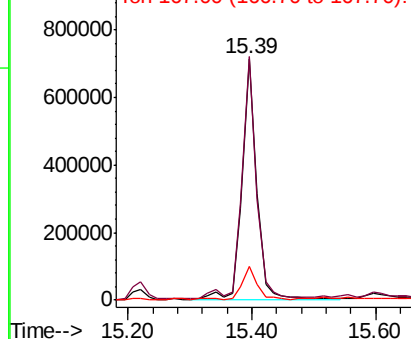
166 100

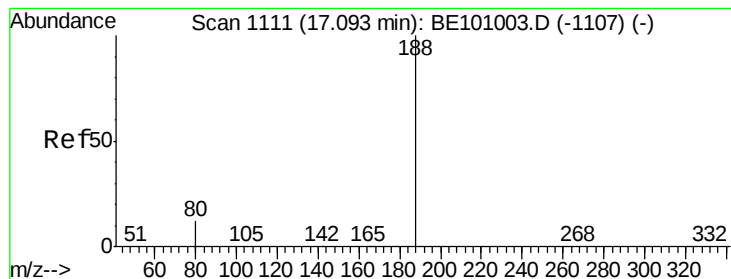
165 101.1 79.8 119.8

167 13.4 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: 17.09 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

Instrument :

BNA_E

ClientSampleId :

SB-33-(5-7)

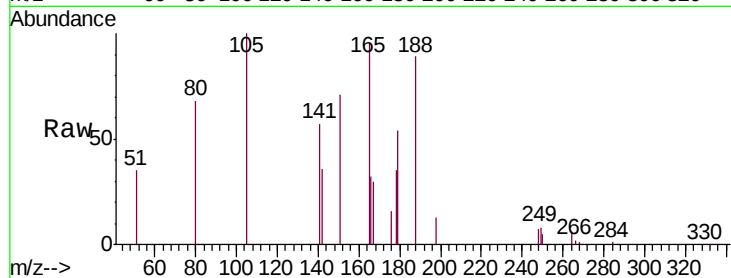
Tgt Ion:188 Resp: 20638

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

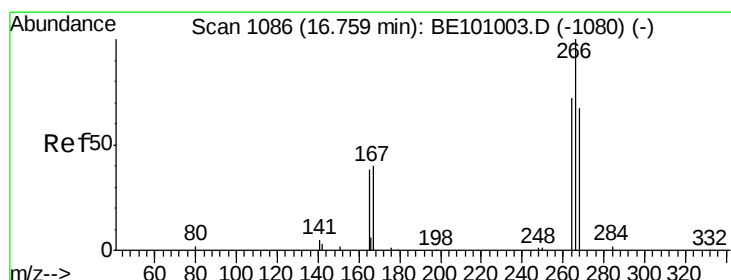
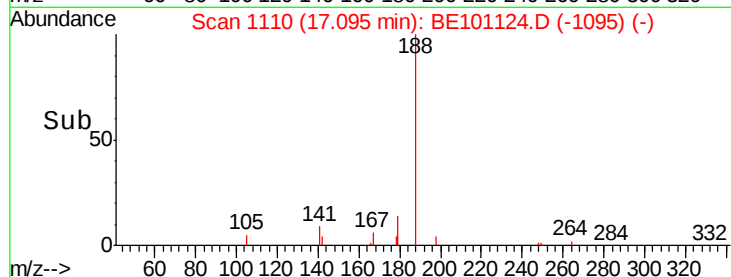
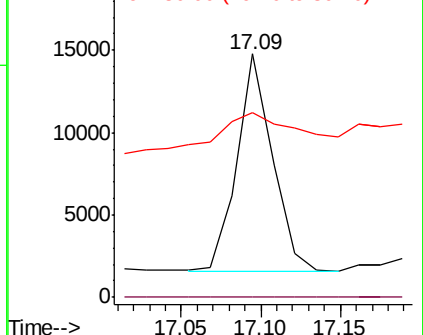
80 76.0 10.8 16.2#



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



#22

Pentachlorophenol

Concen: 1.073 ng

RT: 16.77 min Scan# 1086

Delta R.T. 0.02 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

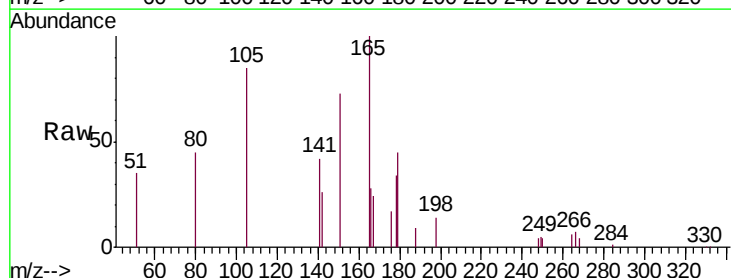
Tgt Ion:266 Resp: 3179

Ion Ratio Lower Upper

266 100

264 89.4 61.0 91.4

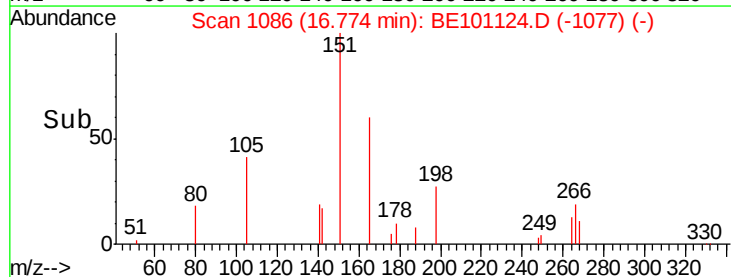
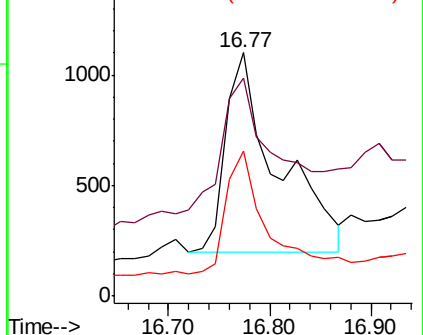
268 59.5 58.5 87.7

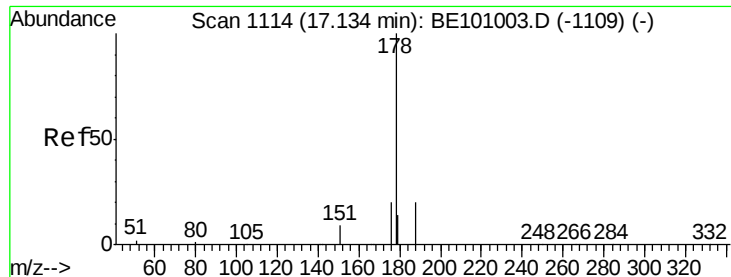


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 86.481 ng

RT: 17.15 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

Instrument :

BNA_E

ClientSampleId :

SB-33-(5-7)

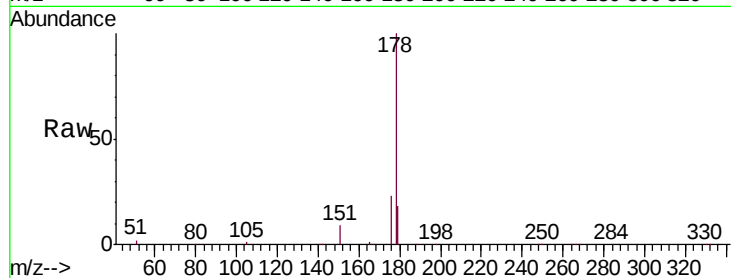
Tgt Ion:178 Resp: 4873723

Ion Ratio Lower Upper

178 100

176 21.9 15.7 23.5

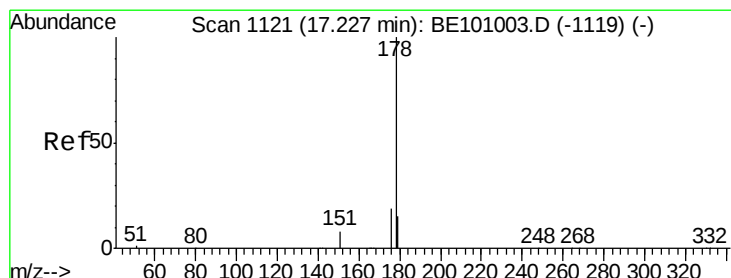
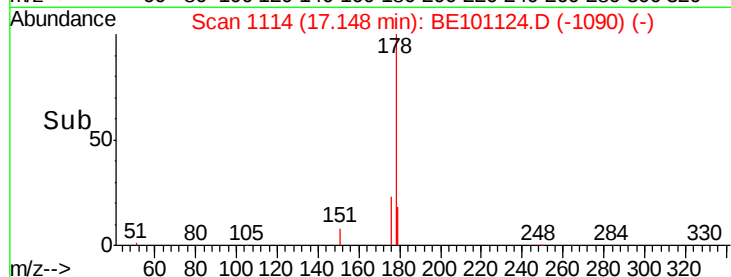
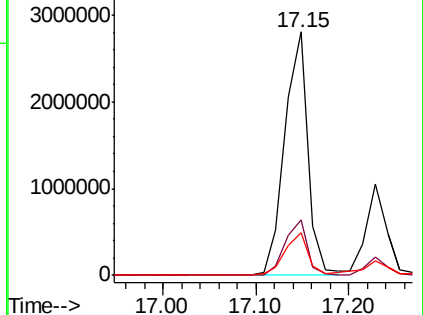
179 17.4 12.0 18.0



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: 32.371 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

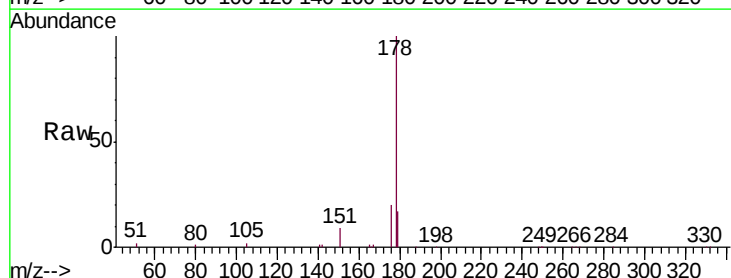
Tgt Ion:178 Resp: 1721420

Ion Ratio Lower Upper

178 100

176 19.5 14.8 22.2

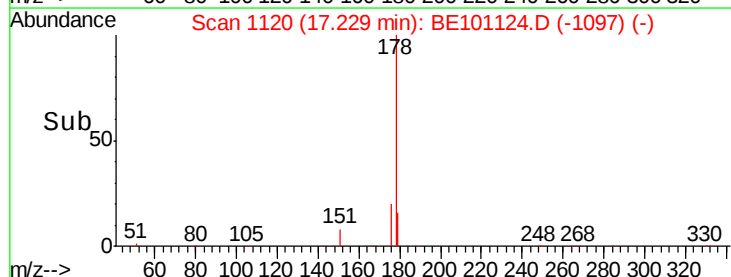
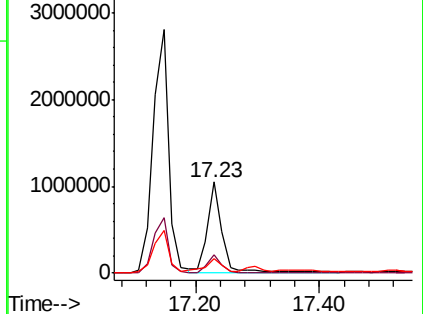
179 16.3 12.4 18.6

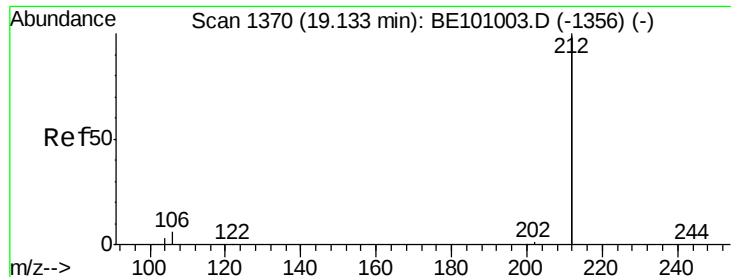


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.251 ng

RT: 19.17 min Scan# 1375

Delta R.T. 0.03 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

Instrument :

BNA_E

ClientSampleId :

SB-33-(5-7)

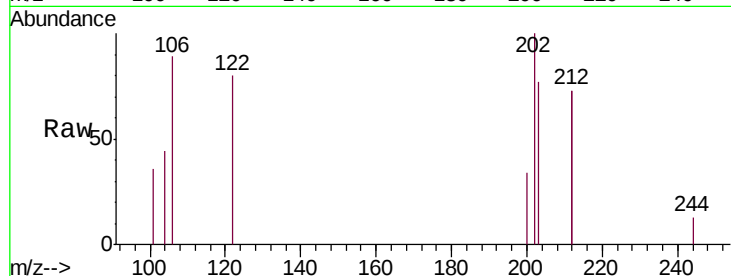
Tgt Ion:212 Resp: 72052

Ion Ratio Lower Upper

212 100

106 15.0 2.6 3.8#

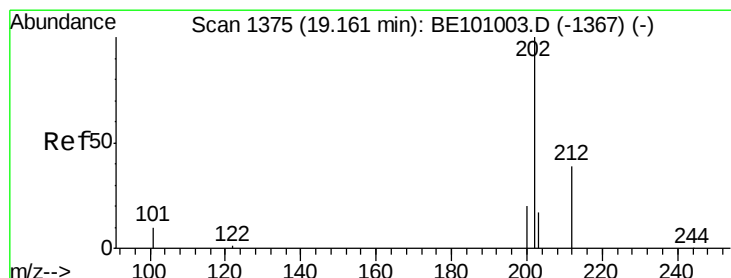
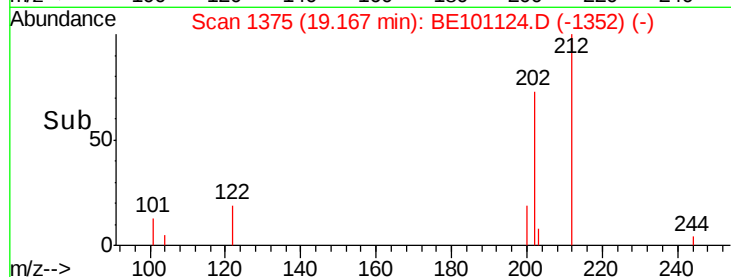
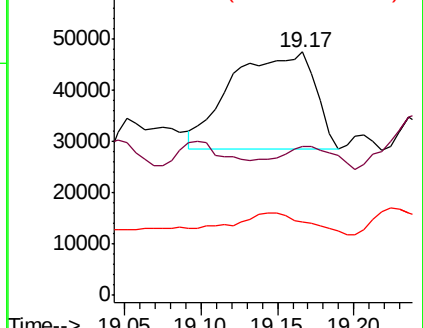
104 19.7 1.4 2.0#



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: 64.610 ng

RT: 19.20 min Scan# 1381

Delta R.T. 0.04 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

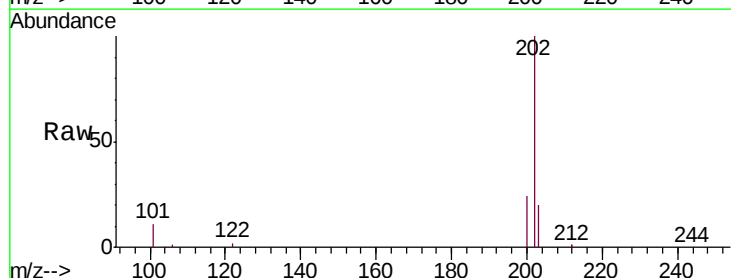
Tgt Ion:202 Resp: 4559909

Ion Ratio Lower Upper

202 100

101 11.5 9.6 14.4

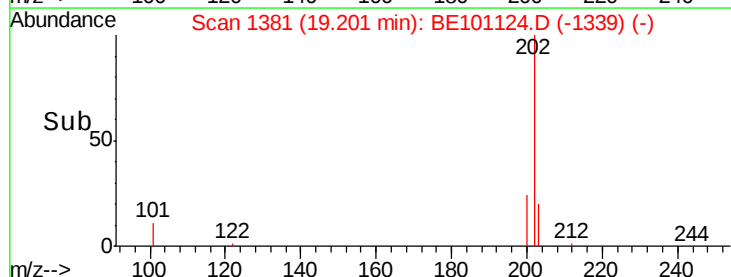
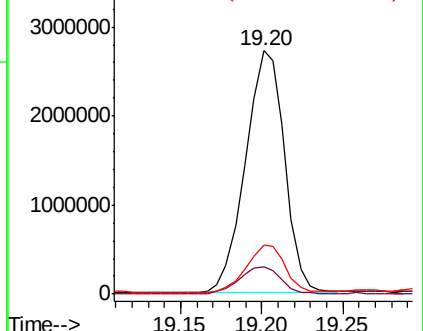
203 19.1 13.8 20.6

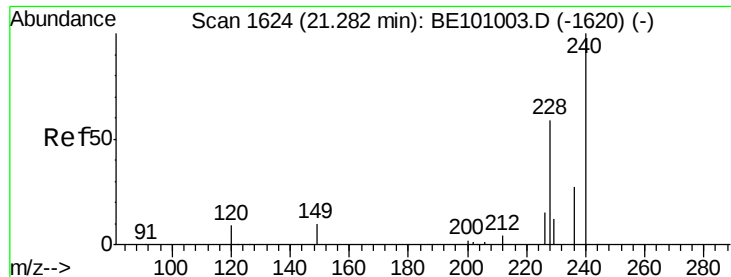


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

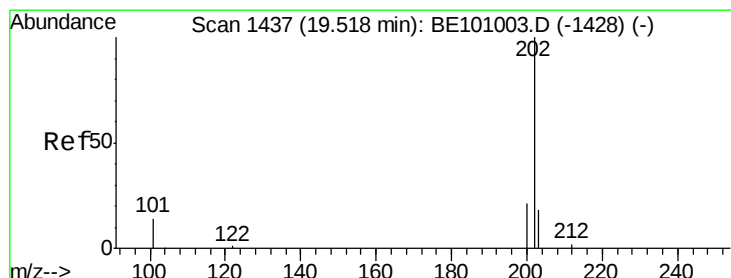
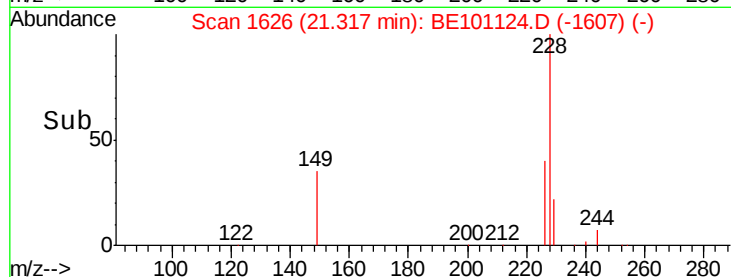
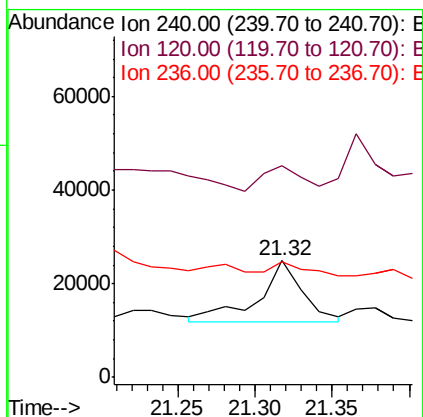
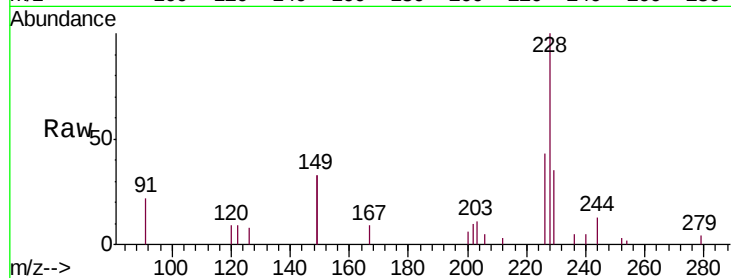




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.04 min
Lab File: BE101124.D
Acq: 22 Jan 2020 21:00

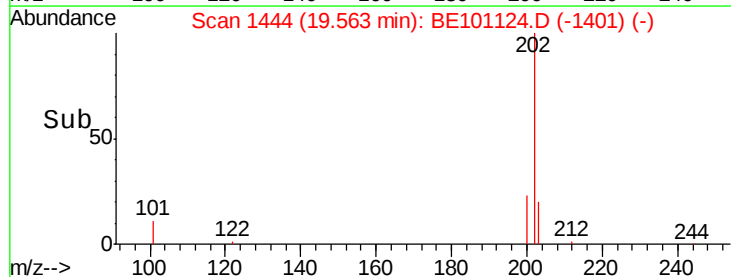
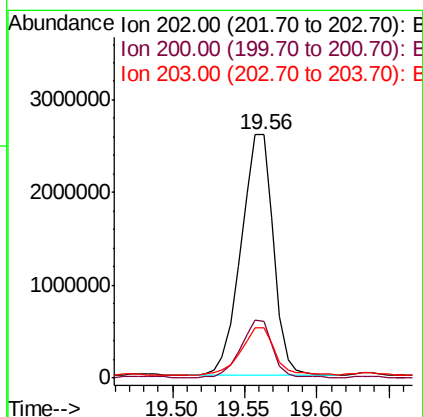
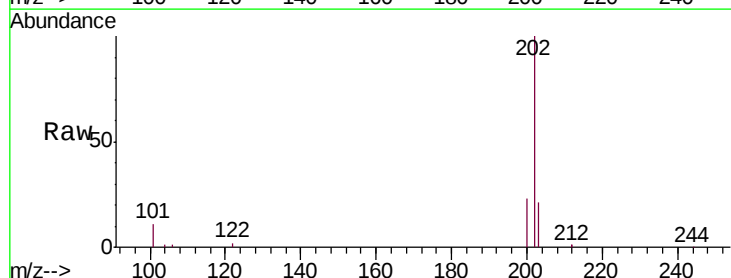
Instrument :
BNA_E
ClientSampleId :
SB-33-(5-7)

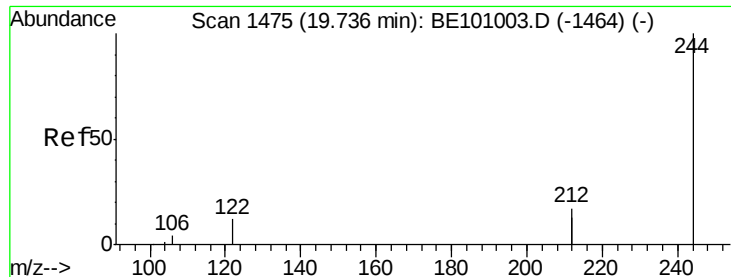
Tgt Ion:240 Resp: 26595
Ion Ratio Lower Upper
240 100
120 181.2 8.6 13.0#
236 99.5 22.2 33.4#



#28
Pyrene
Concen: 41.023 ng
RT: 19.56 min Scan# 1444
Delta R.T. 0.05 min
Lab File: BE101124.D
Acq: 22 Jan 2020 21:00

Tgt Ion:202 Resp: 4061272
Ion Ratio Lower Upper
202 100
200 22.9 17.0 25.4
203 21.1 13.8 20.6#





#29

Terphenyl-d14

Concen: 0.256 ng

RT: 19.75 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

Instrument :

BNA_E

ClientSampleId :

SB-33-(5-7)

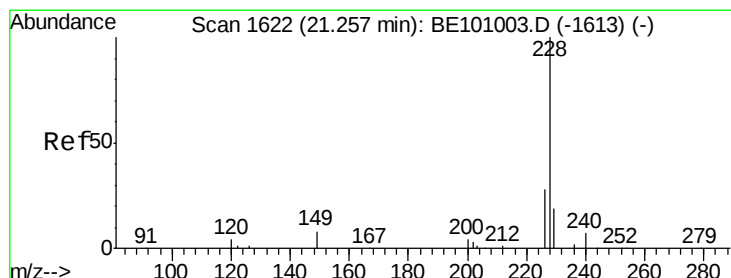
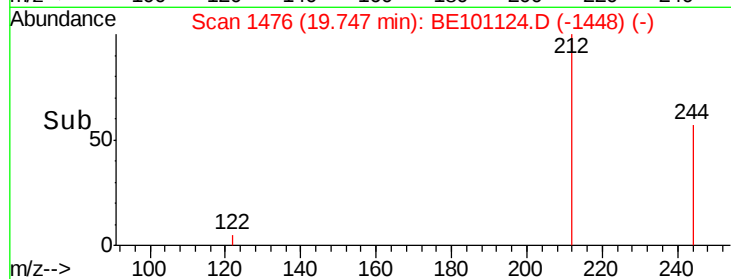
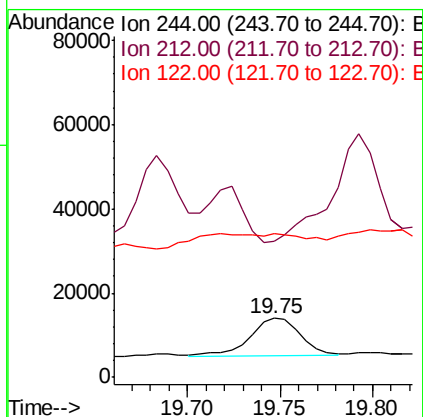
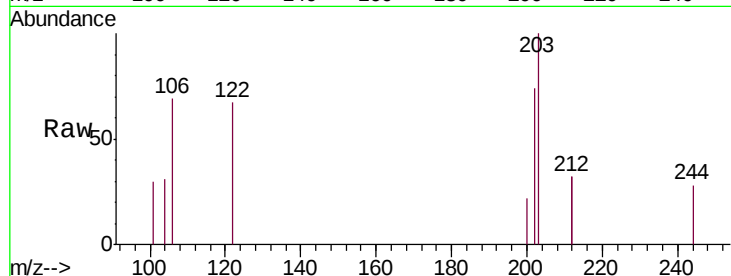
Tgt Ion:244 Resp: 16697

Ion Ratio Lower Upper

244 100

212 230.2 27.2 40.8#

122 242.5 9.8 14.8#



#30

Benzo(a)anthracene

Concen: 32.563 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.05 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

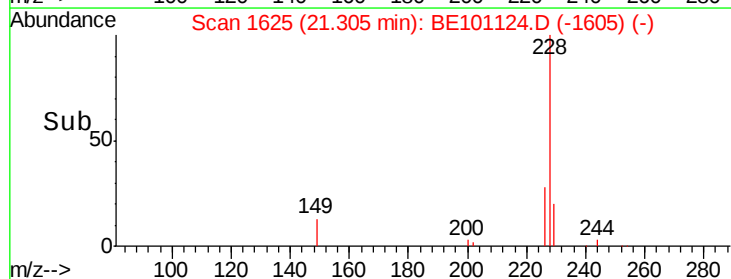
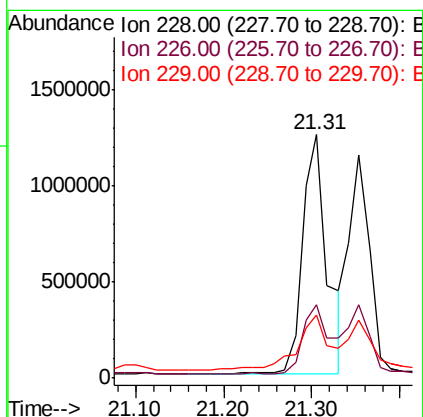
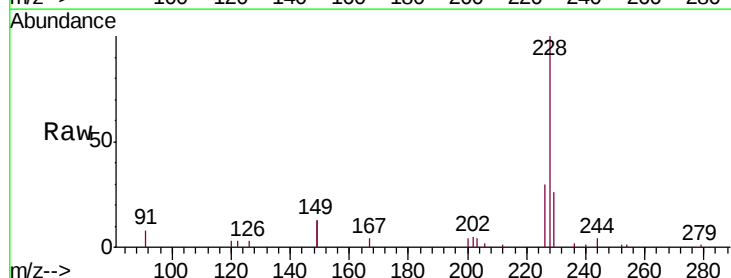
Tgt Ion:228 Resp: 2471144

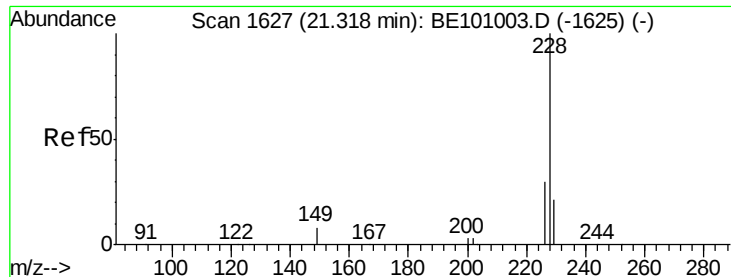
Ion Ratio Lower Upper

228 100

226 30.4 22.7 34.1

229 25.7 15.5 23.3#





#31

Chrysene

Concen: 16.720 ng

RT: 21.35 min Scan# 1629

Delta R.T. 0.04 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

Instrument :

BNA_E

ClientSampleId :

SB-33-(5-7)

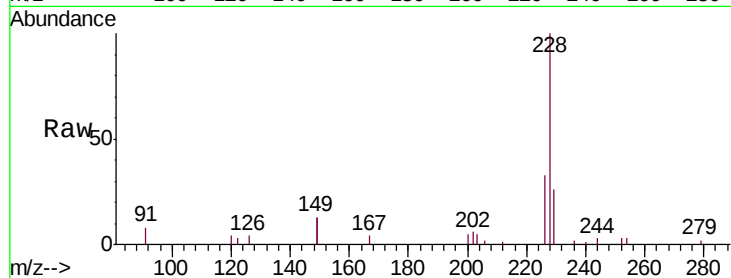
Tgt Ion:228 Resp: 1885835

Ion Ratio Lower Upper

228 100

226 33.0 23.5 35.3

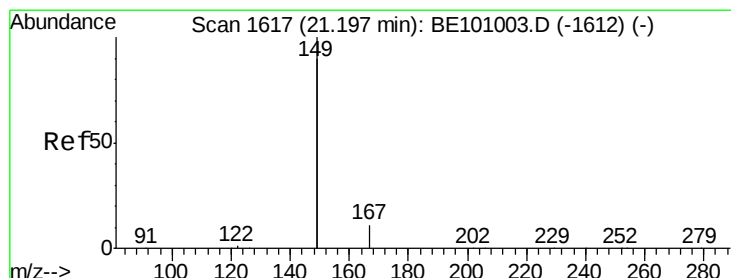
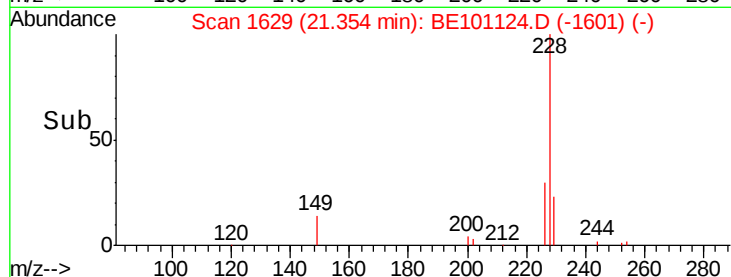
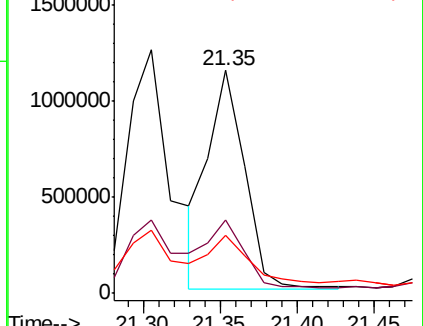
229 25.8 16.7 25.1#



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: 1.062 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.02 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

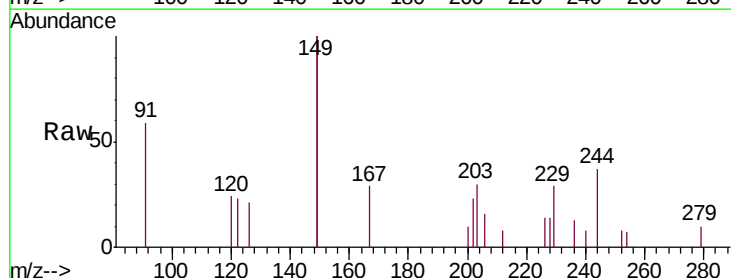
Tgt Ion:149 Resp: 134337

Ion Ratio Lower Upper

149 100

167 7.0 5.2 7.8

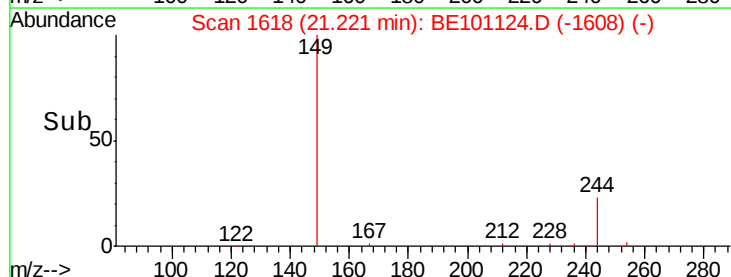
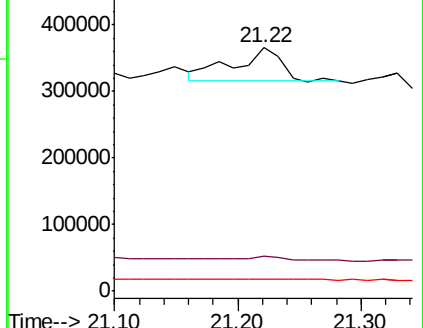
279 2.2 0.8 1.2#

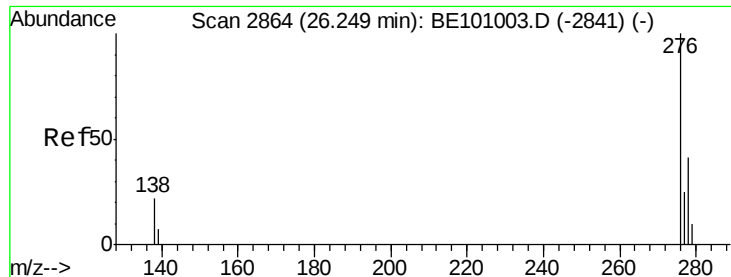


Abundance Ion 149.00 (148.70 to 149.70): E

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: 14.797 ng

RT: 26.35 min Scan# 2890

Delta R.T. 0.10 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

Instrument :

BNA_E

ClientSampleId :

SB-33-(5-7)

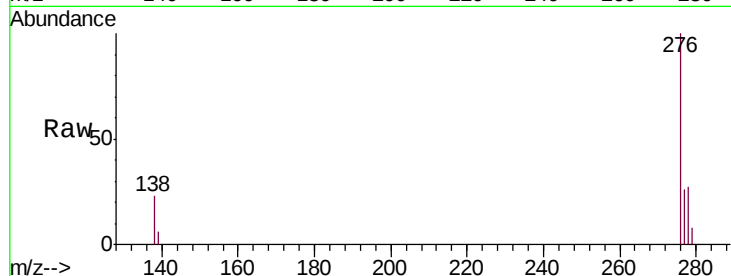
Tgt Ion:276 Resp: 1318655

Ion Ratio Lower Upper

276 100

138 21.3 16.1 24.1

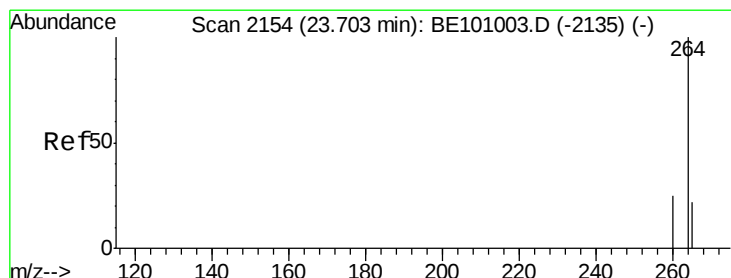
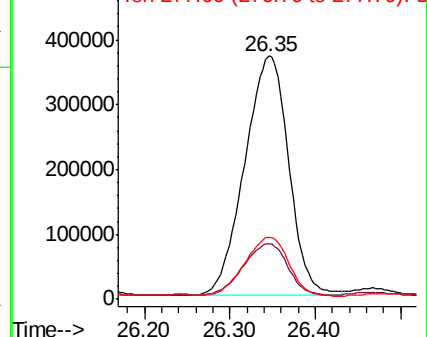
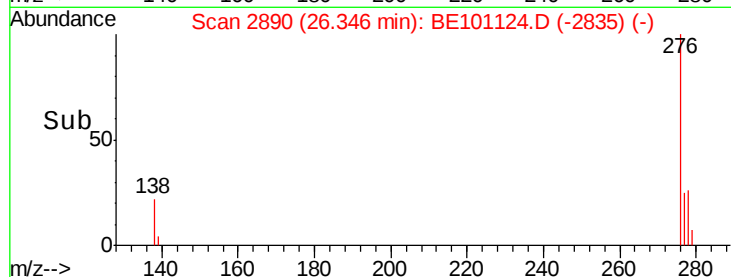
277 24.4 18.1 27.1



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: 23.77 min Scan# 2171

Delta R.T. 0.06 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

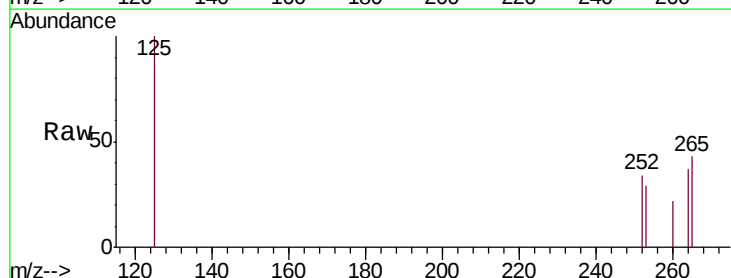
Tgt Ion:264 Resp: 20369

Ion Ratio Lower Upper

264 100

260 58.2 20.3 30.5#

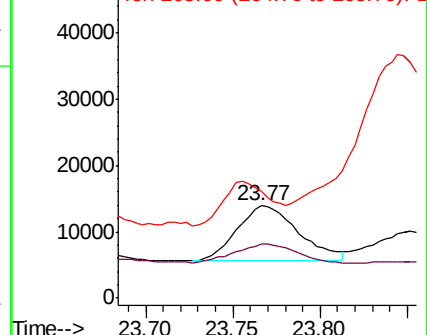
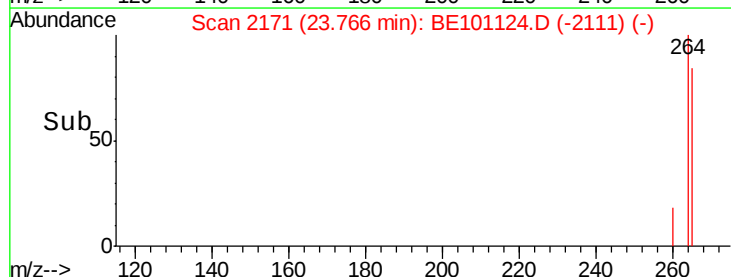
265 115.0 27.0 40.4#

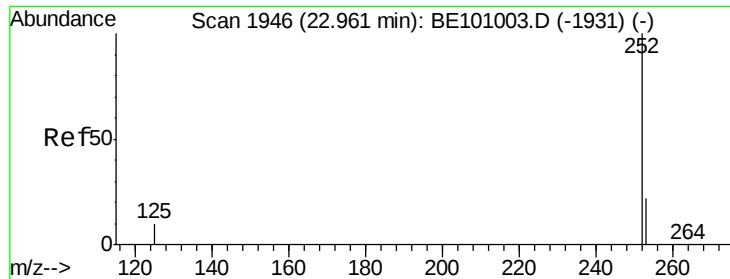


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 42.244 ng

RT: 23.03 min Scan# 1965

Delta R.T. 0.07 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

Instrument :

BNA_E

ClientSampleId :

SB-33-(5-7)

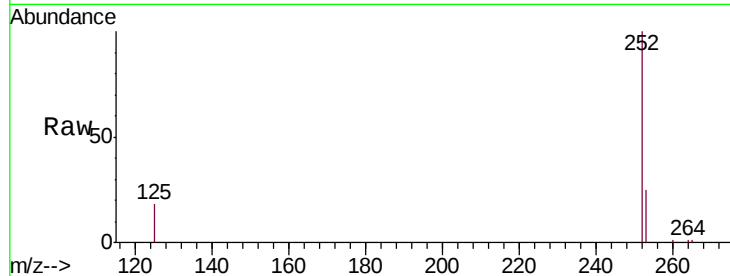
Tgt Ion:252 Resp: 2413240

Ion Ratio Lower Upper

252 100

253 25.1 18.5 27.7

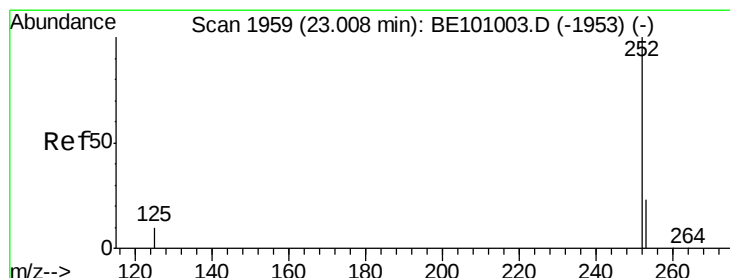
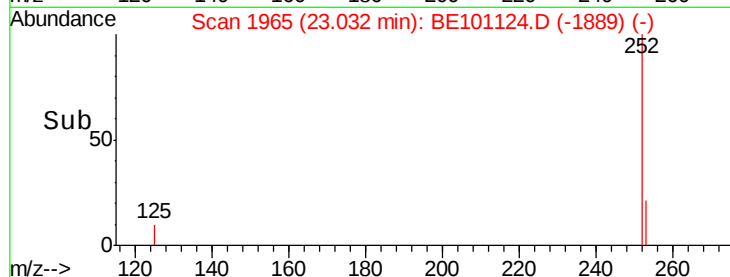
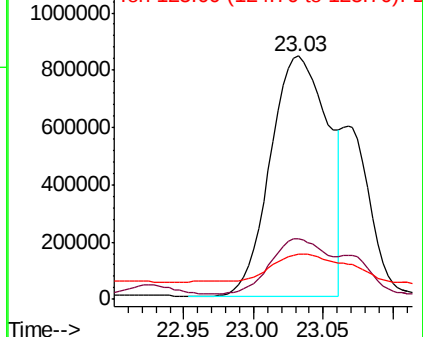
125 18.4 9.5 14.3#



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: 29.152 ng

RT: 23.03 min Scan# 1965

Delta R.T. 0.02 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

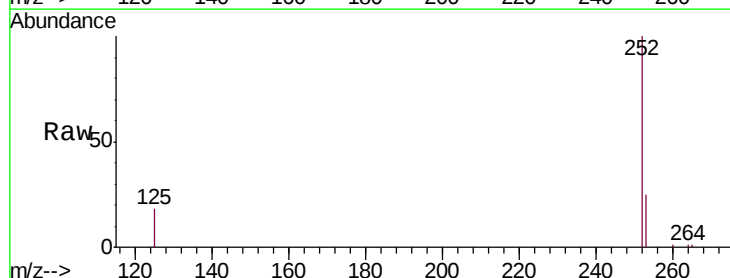
Tgt Ion:252 Resp: 2413240

Ion Ratio Lower Upper

252 100

253 25.1 18.9 28.3

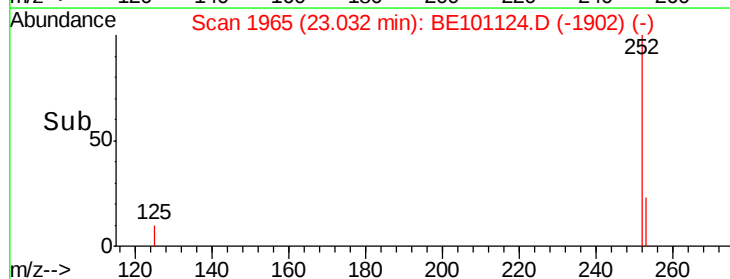
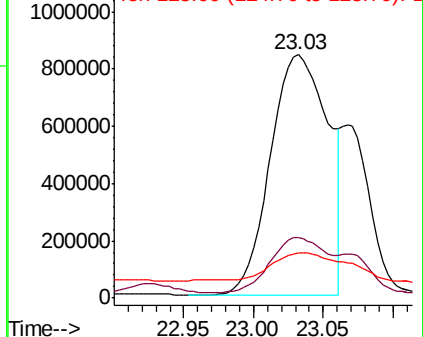
125 18.4 10.1 15.1#

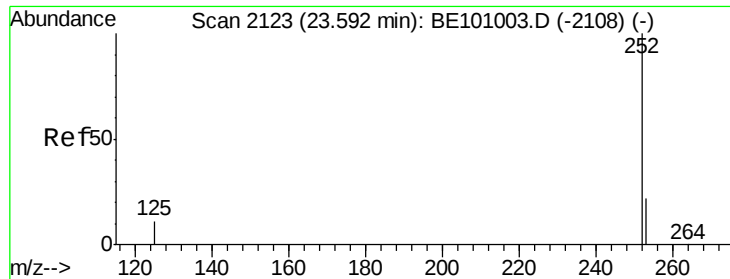


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 32.691 ng

RT: 23.67 min Scan# 2143

Delta R.T. 0.07 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

Instrument :

BNA_E

ClientSampleId :

SB-33-(5-7)

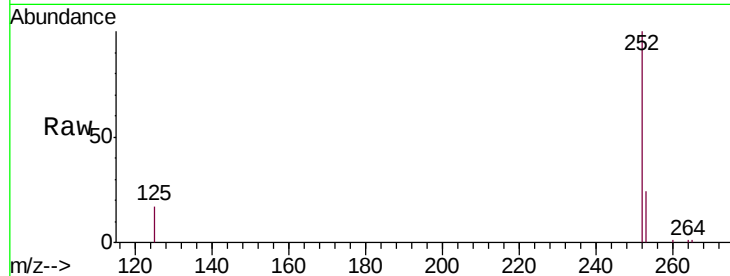
Tgt Ion:252 Resp: 1806568

Ion Ratio Lower Upper

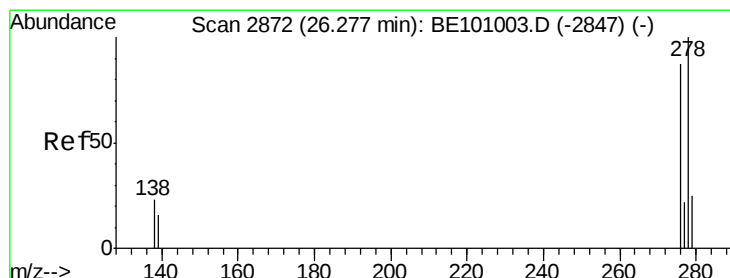
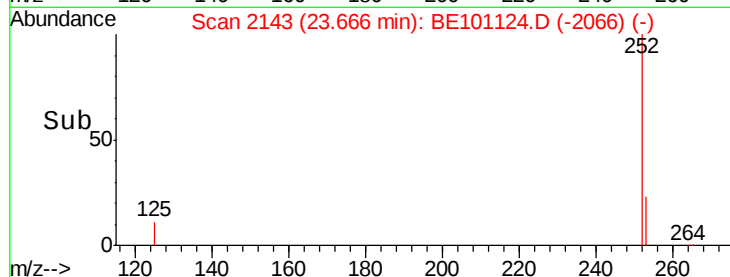
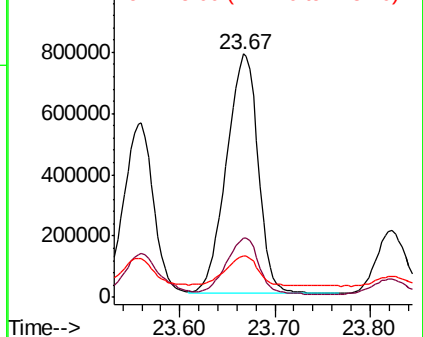
252 100

253 24.5 19.4 29.2

125 17.1 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: 6.614 ng

RT: 26.35 min Scan# 2892

Delta R.T. 0.08 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

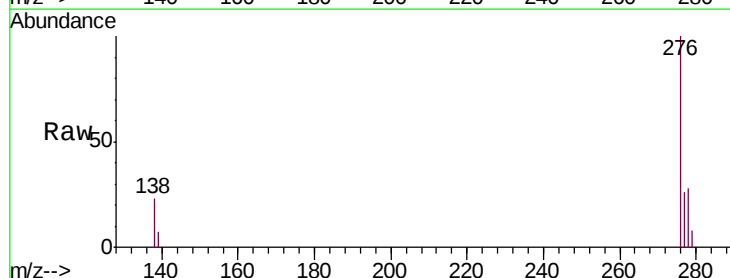
Tgt Ion:278 Resp: 336153

Ion Ratio Lower Upper

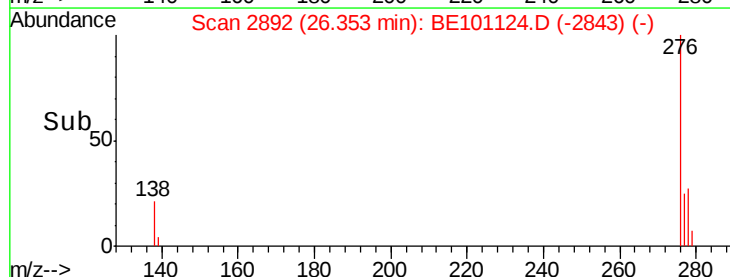
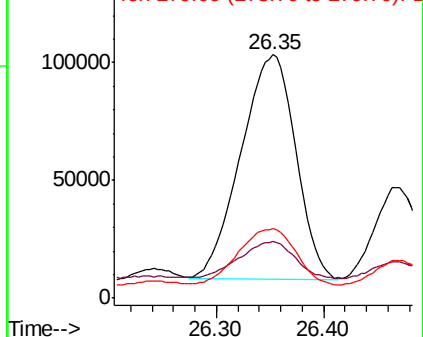
278 100

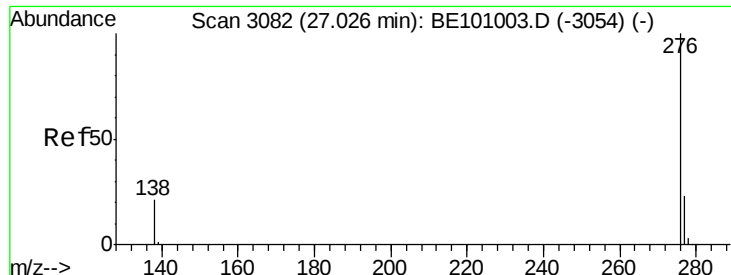
139 23.2 15.0 22.4#

279 28.6 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: 21.411 ng

RT: 27.15 min Scan# 3115

Delta R.T. 0.12 min

Lab File: BE101124.D

Acq: 22 Jan 2020 21:00

Instrument :

BNA_E

ClientSampleId :

SB-33-(5-7)

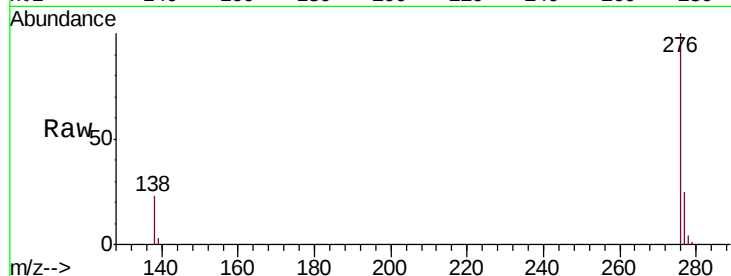
Tgt Ion:276 Resp: 1338204

Ion Ratio Lower Upper

276 100

277 24.7 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

