

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011120\
 Data File : BE101033.D
 Acq On : 10 Jan 2020 21:20
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jan 11 01:48:55 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	7.74	152	3114	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	15115	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	8966	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	19411	0.40	ng	0.00
27) Chrysene-d12	21.27	240	18822	0.40	ng	-0.01
34) Perylene-d12	23.69	264	21480	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2467	0.35	ng	0.00
5) Phenol-d6	6.92	99	2896	0.33	ng	0.00
8) Nitrobenzene-d5	8.89	82	2465	0.23	ng	0.01
11) 2-Methylnaphthalene-d10	12.11	152	11316	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	606	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	13565	0.40	ng	0.00
25) Fluoranthene-d10	19.13	212	96908	0.36	ng	0.00
29) Terphenyl-d14	19.74	244	15327	0.33	ng	0.00

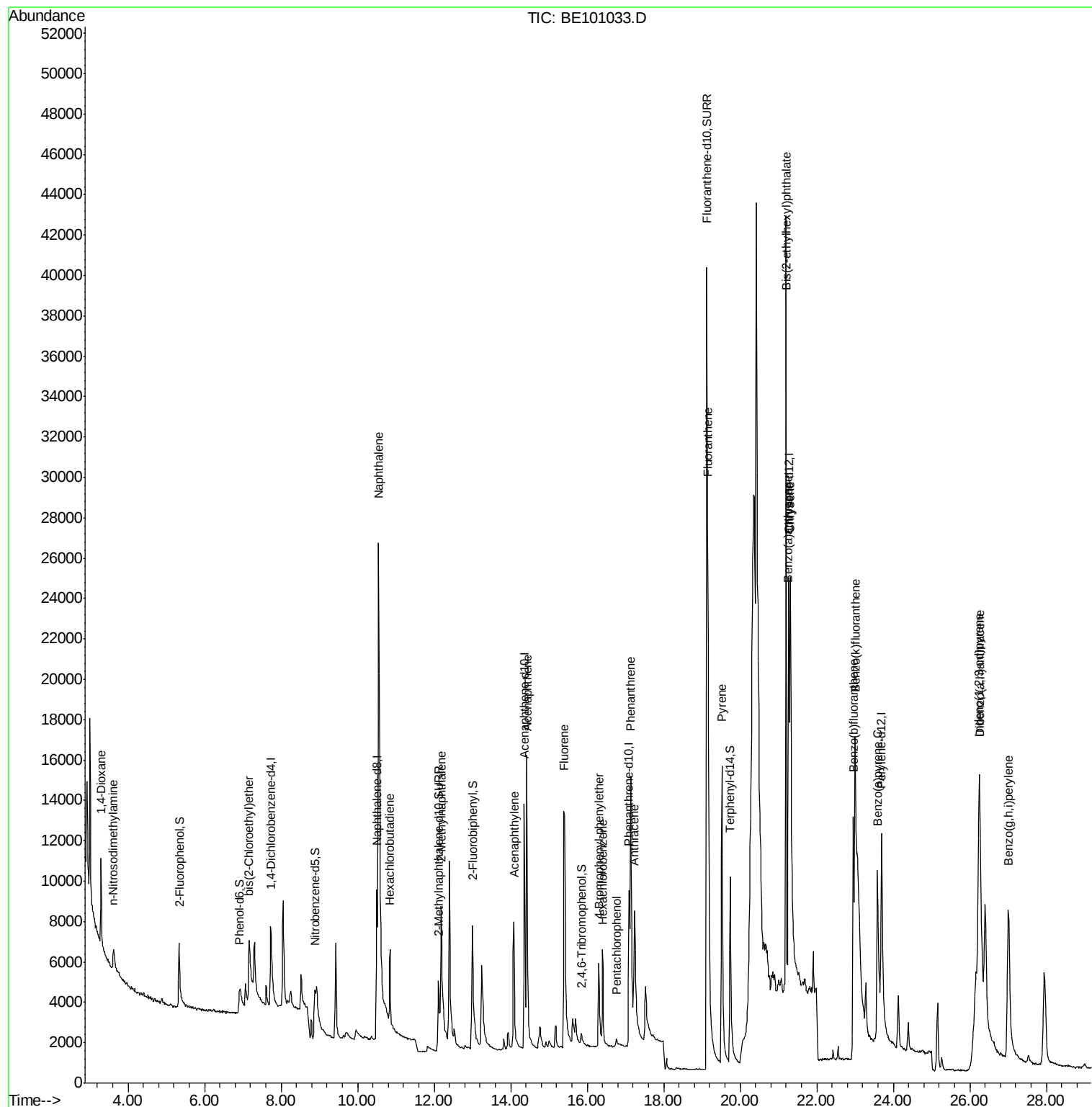
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.29	88	3065	0.412	ng	100
3) n-Nitrosodimethylamine	3.61	42	1340	0.310	ng	# 81
6) bis(2-Chloroethyl)ether	7.16	93	3234	0.306	ng	# 96
9) Naphthalene	10.55	128	65633	0.391	ng	100
10) Hexachlorobutadiene	10.85	225	2829	0.398	ng	97
12) 2-Methylnaphthalene	12.18	142	9554	0.376	ng	99
16) Acenaphthylene	14.08	152	11367	0.311	ng	99
17) Acenaphthene	14.43	154	10247	0.392	ng	98
18) Fluorene	15.41	166	12744	0.386	ng	99
20) 4-Bromophenyl-phenylether	16.30	248	3455	0.365	ng	97
21) Hexachlorobenzene	16.41	284	4113	0.396	ng	98
22) Pentachlorophenol	16.76	266	496	0.386	ng	95
23) Phenanthrene	17.13	178	20022	0.378	ng	99
24) Anthracene	17.23	178	18097	0.362	ng	100
26) Fluoranthene	19.16	202	23662	0.356	ng	99
28) Pyrene	19.52	202	23684	0.338	ng	100
30) Benzo(a)anthracene	21.26	228	18512	0.345	ng	100
31) Chrysene	21.31	228	35527	0.445	ng	98
32) Bis(2-ethylhexyl)phthalate	21.20	149	44436	0.497	ng	99
33) Indeno(1,2,3-cd)pyrene	26.23	276	29125	0.462	ng	93
35) Benzo(b)fluoranthene	22.95	252	19531	0.324	ng	99
36) Benzo(k)fluoranthene	23.00	252	32217m	0.369	ng	
37) Benzo(a)pyrene	23.59	252	23207	0.398	ng	98
38) Dibenzo(a,h)anthracene	26.26	278	19060	0.356	ng	# 15
39) Benzo(g,h,i)perylene	27.00	276	25212	0.383	ng	99

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

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QLast Update : Wed Jan 08 18:36:25 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.74 min Scan# 423

Delta R.T. 0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

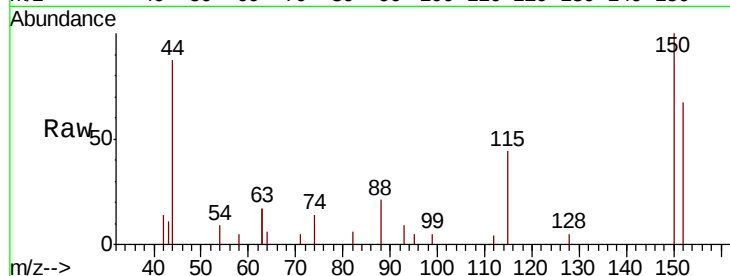
Tot Ion:152 Resp: 3114

Ion Ratio Lower Upper

152 100

150 150.2 120.3 180.5

115 65.9 51.7 77.5

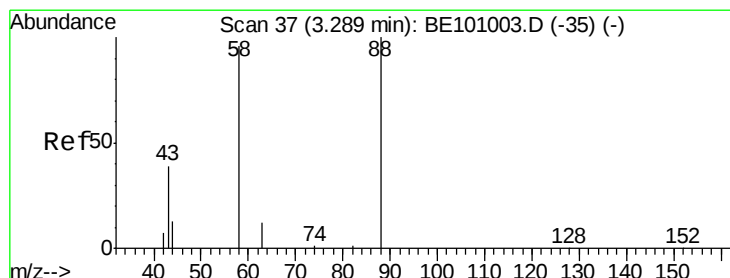
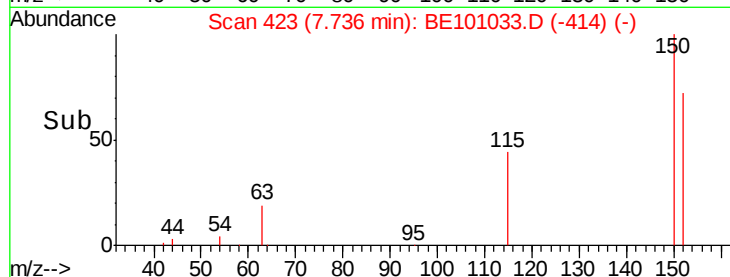
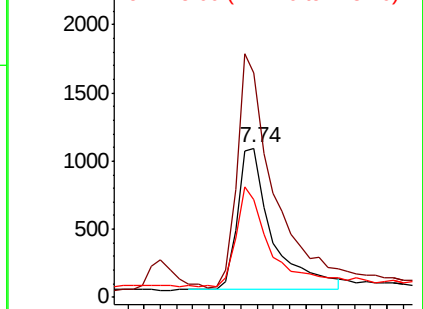


Abundance

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: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

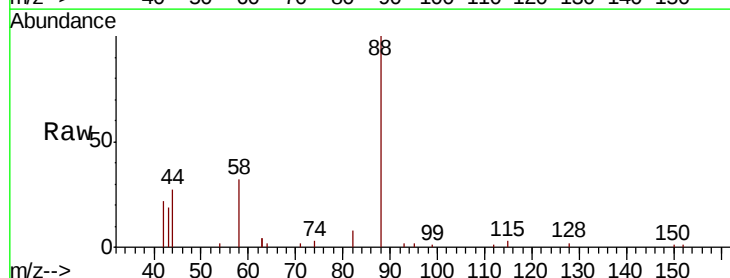
Tgt Ion: 88 Resp: 3065

Ion Ratio Lower Upper

88 100

58 66.4 53.0 79.4

43 28.8 23.4 35.2

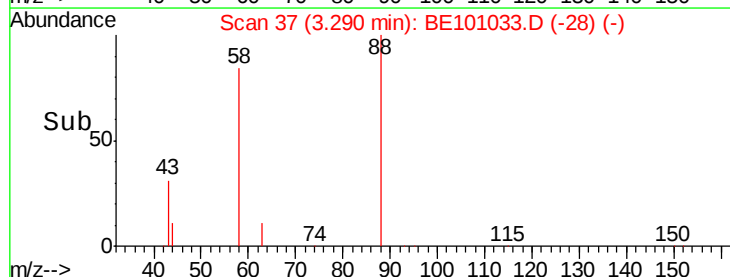
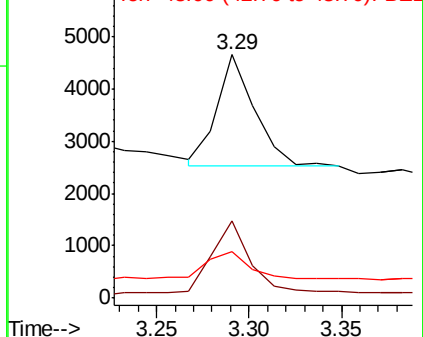


Abundance

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: 0.310 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

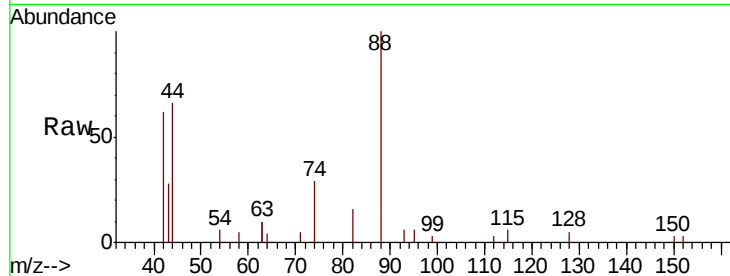
Tot Ion: 42 Resp: 1340

Ion Ratio Lower Upper

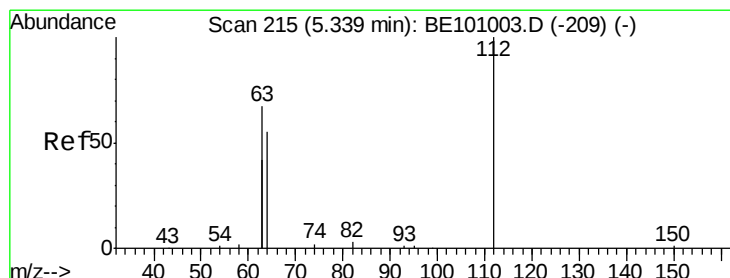
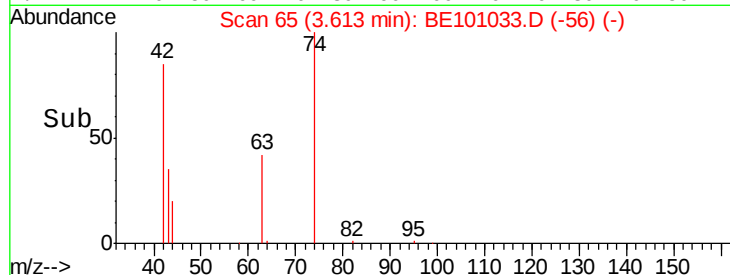
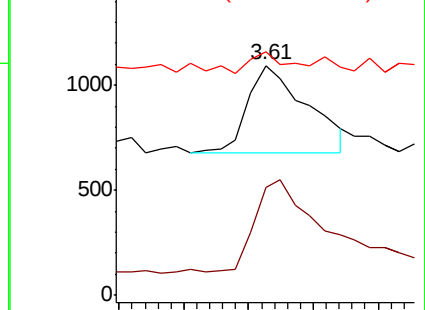
42 100

74 108.9 105.7 158.5

44 15.2 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: 0.352 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

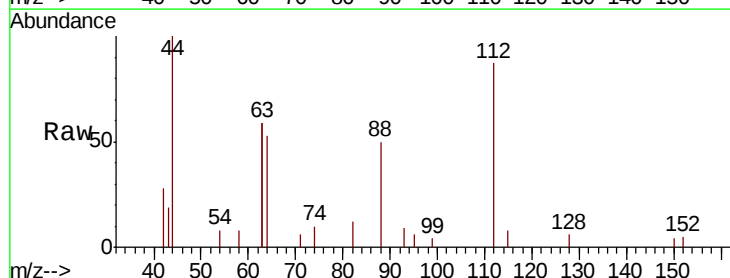
Tgt Ion: 112 Resp: 2467

Ion Ratio Lower Upper

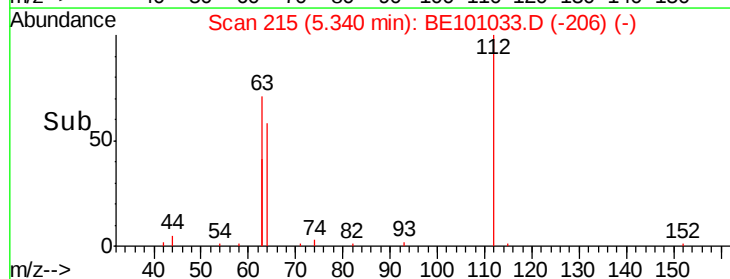
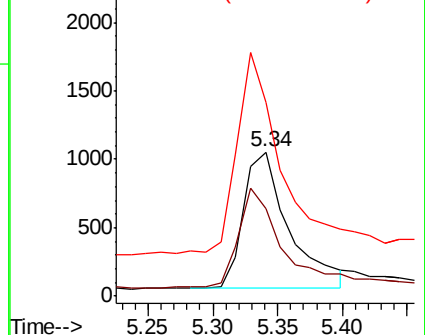
112 100

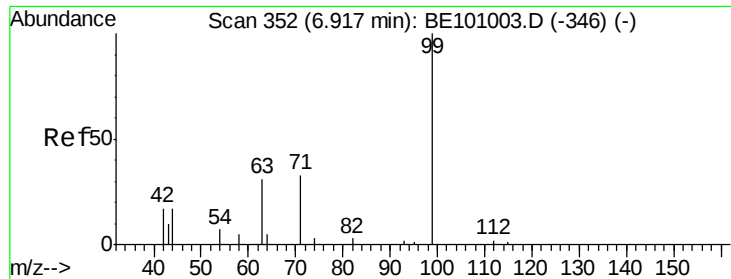
64 68.3 53.6 80.4

63 140.5 114.6 172.0



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: 0.327 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

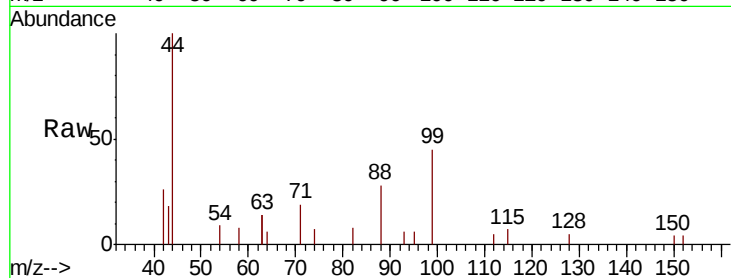
Tot Ion: 99 Resp: 2896

Ion Ratio Lower Upper

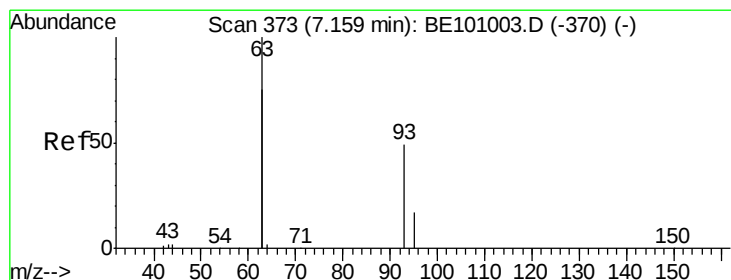
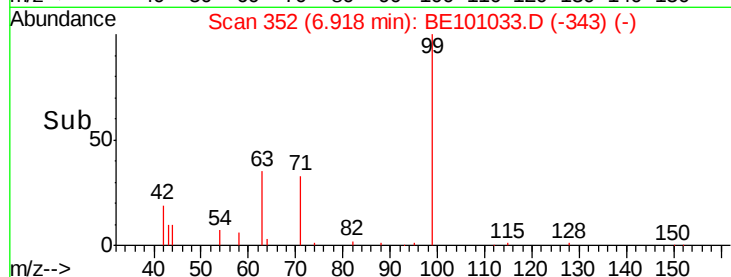
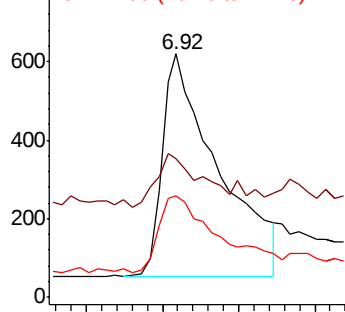
99 100

42 19.4 18.3 27.5

71 36.8 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: 0.306 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

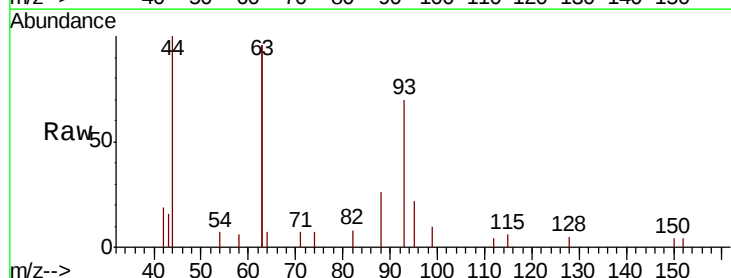
Tgt Ion: 93 Resp: 3234

Ion Ratio Lower Upper

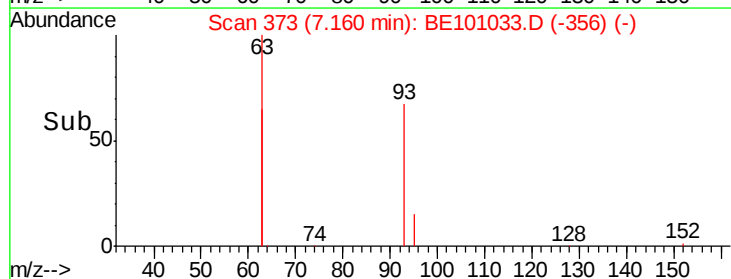
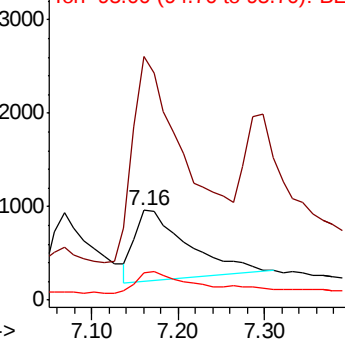
93 100

63 298.0 233.9 350.9

95 35.4 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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 15115

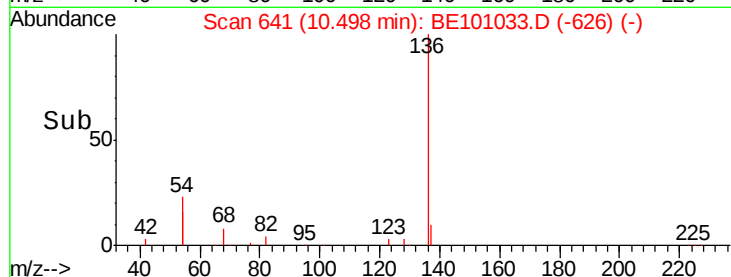
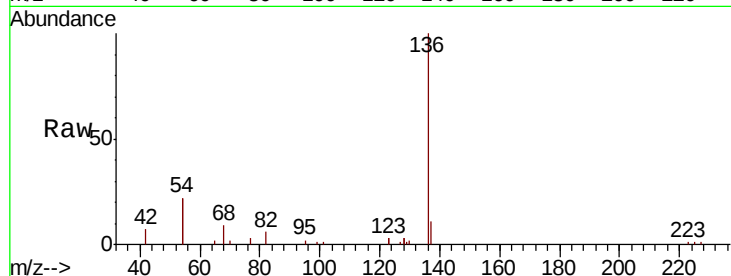
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 44.6 36.8 55.2

68 9.0 8.4 12.6

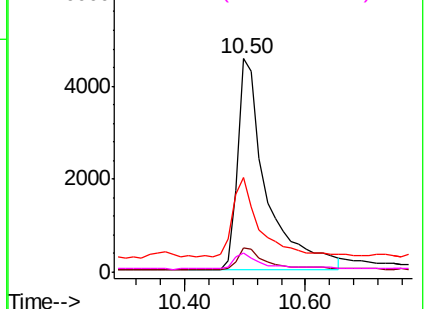


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.228 ng

RT: 8.89 min Scan# 517

Delta R.T. 0.01 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

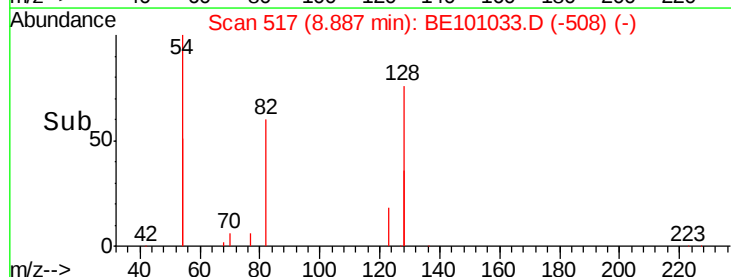
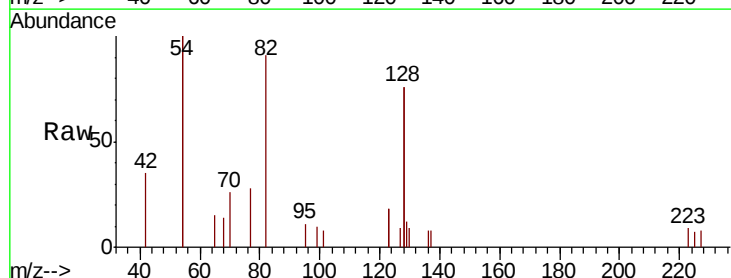
Tgt Ion: 82 Resp: 2465

Ion Ratio Lower Upper

82 100

128 166.1 109.8 164.6#

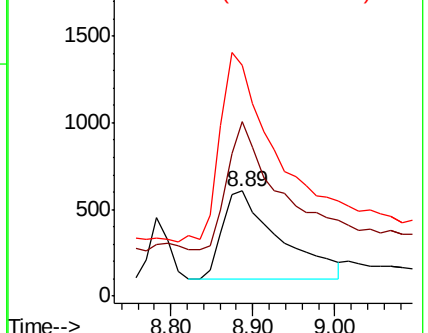
54 219.1 174.5 261.7



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: 0.391 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

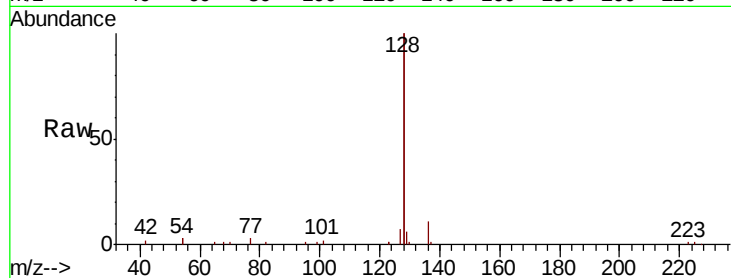
Tot Ion:128 Resp: 65633

Ion Ratio Lower Upper

128 100

129 3.0 2.3 3.5

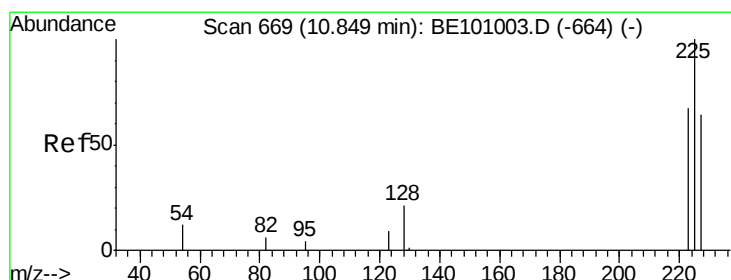
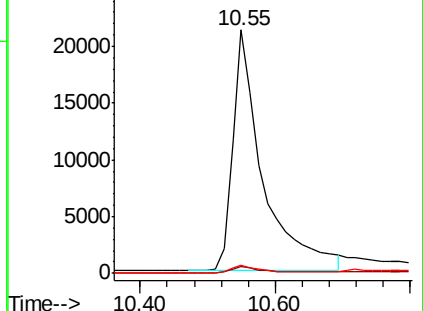
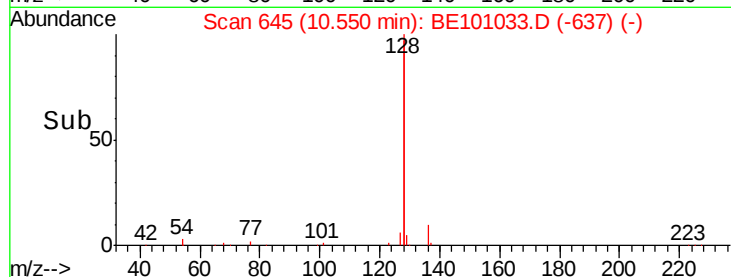
127 3.5 2.7 4.1



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: 0.398 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

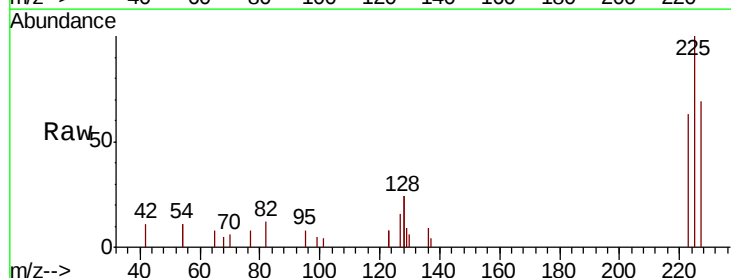
Tgt Ion:225 Resp: 2829

Ion Ratio Lower Upper

225 100

223 62.5 52.2 78.4

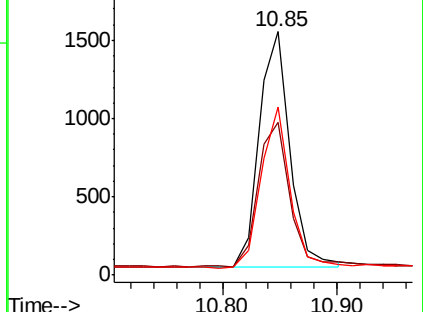
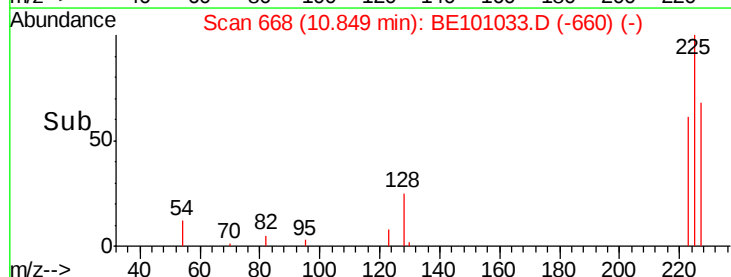
227 63.9 49.9 74.9



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

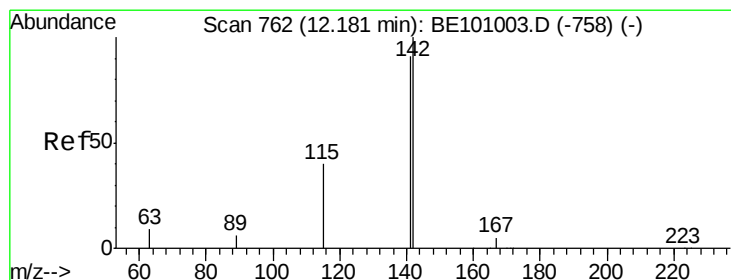
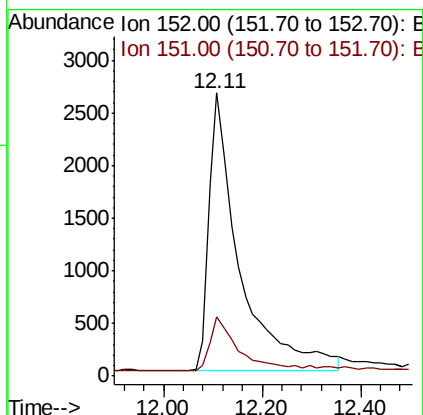
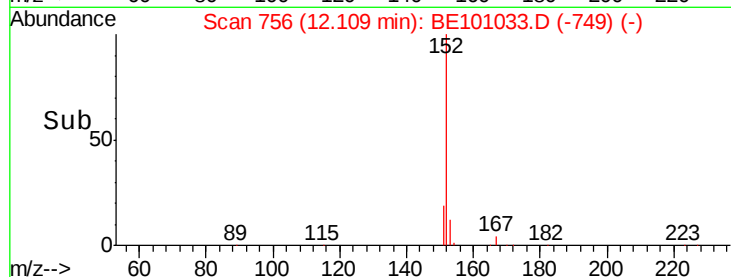
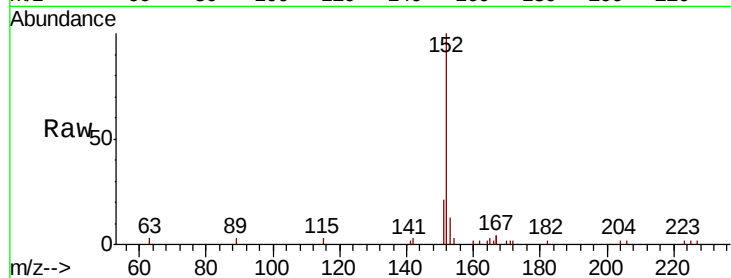




#11
 2-Methylnaphthalene-d10
 Concen: 0.392 ng
 RT: 12.11 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BE101033.D
 Acq: 10 Jan 2020 21:20

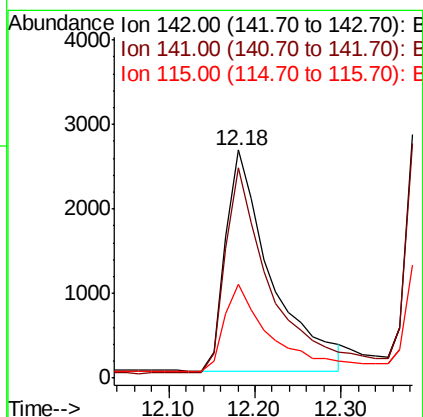
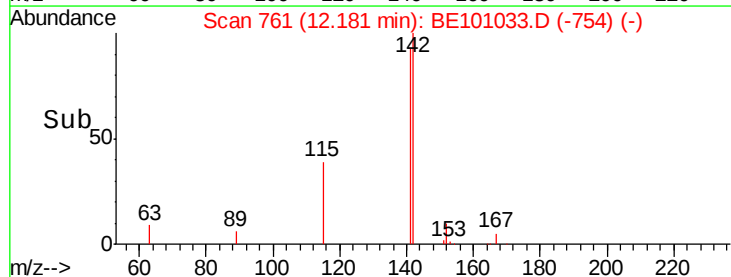
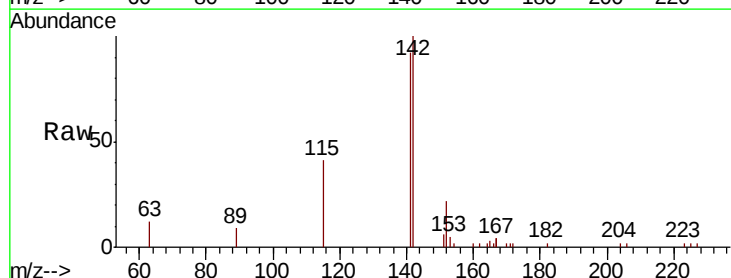
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:152 Resp: 11316
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.376 ng
 RT: 12.18 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BE101033.D
 Acq: 10 Jan 2020 21:20

Tgt Ion:142 Resp: 9554
 Ion Ratio Lower Upper
 142 100
 141 92.1 72.5 108.7
 115 41.1 33.0 49.6

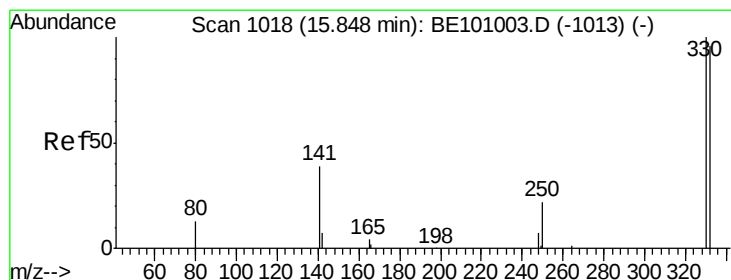
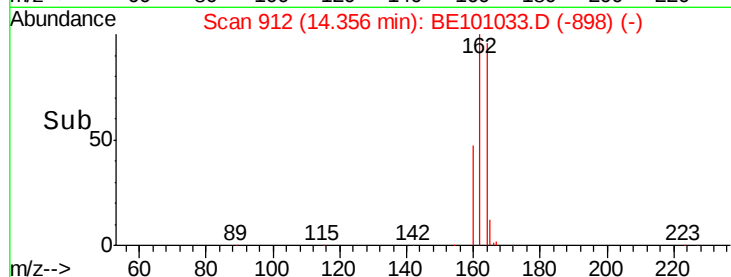
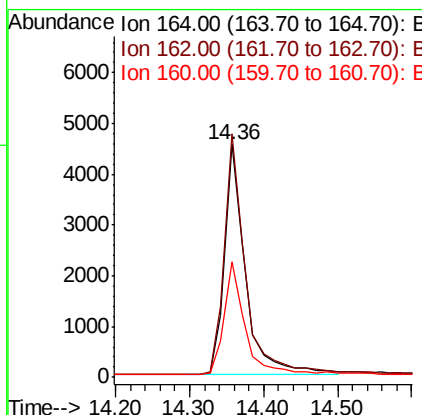
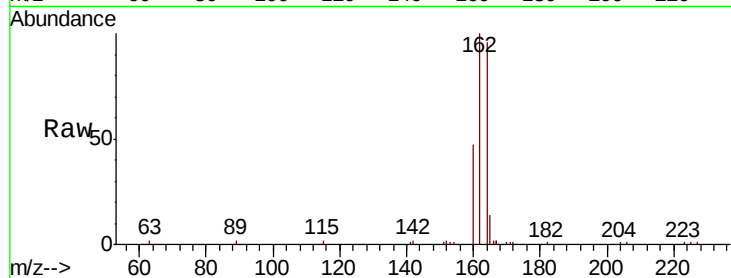




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

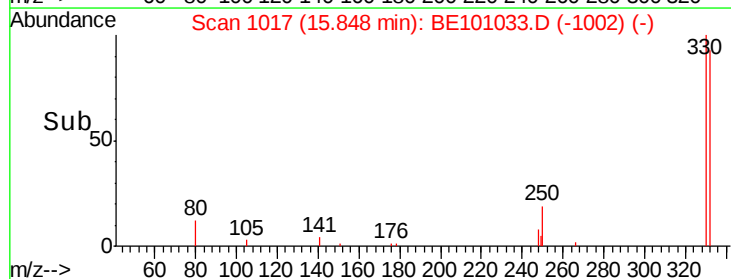
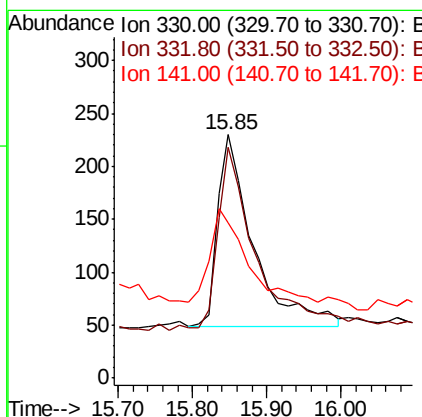
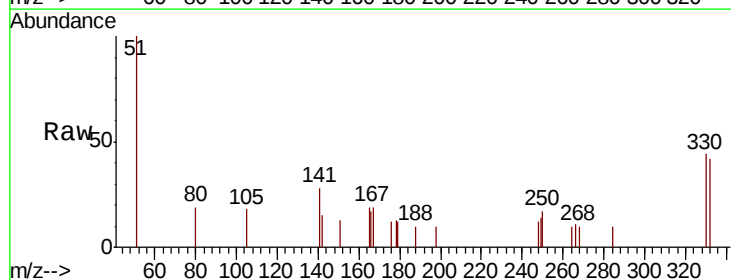
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 8966
Ion Ratio Lower Upper
164 100
162 104.4 84.1 126.1
160 49.5 40.4 60.6



#14
2,4,6-Tribromophenol
Concen: 0.239 ng
RT: 15.85 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion:330 Resp: 606
Ion Ratio Lower Upper
330 100
332 99.2 78.4 117.6
141 49.5 37.0 55.4

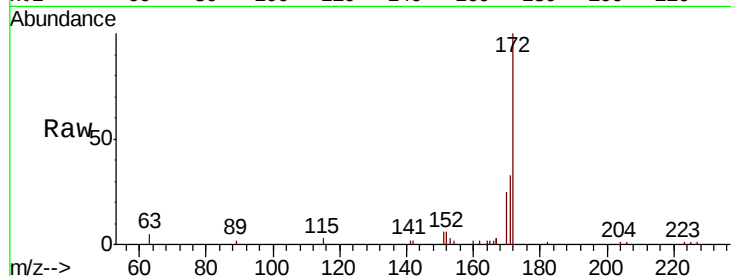




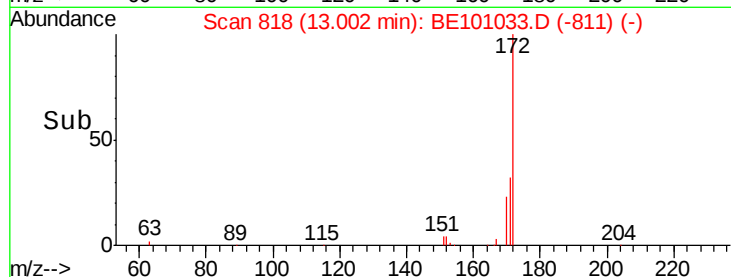
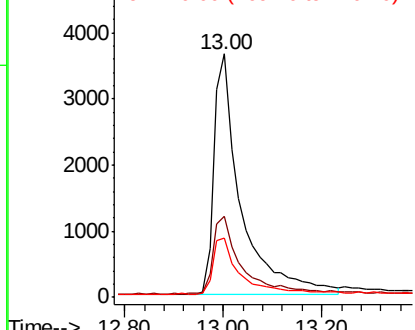
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.00 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 13565
Ion Ratio Lower Upper
172 100
171 33.4 28.2 42.2
170 24.6 18.9 28.3

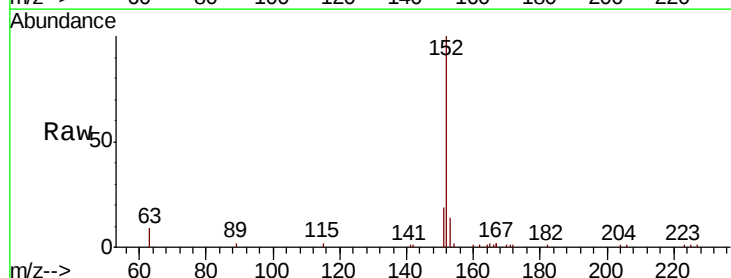


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

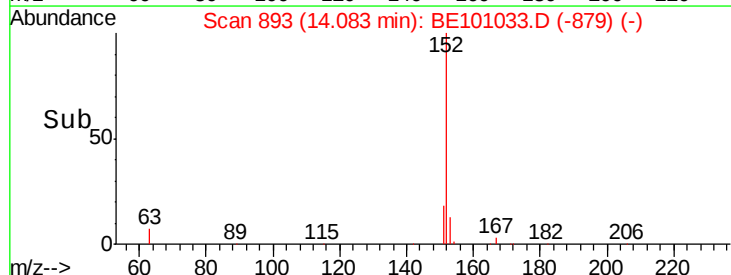
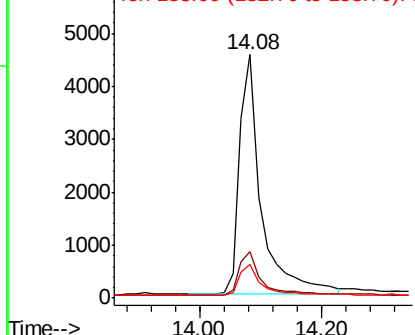


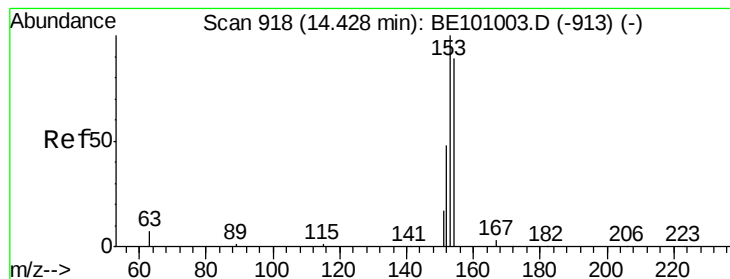
#16
Acenaphthylene
Concen: 0.311 ng
RT: 14.08 min Scan# 893
Delta R.T. 0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion:152 Resp: 11367
Ion Ratio Lower Upper
152 100
151 19.0 15.5 23.3
153 12.9 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: 0.392 ng

RT: 14.43 min Scan# 917

Delta R.T. 0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

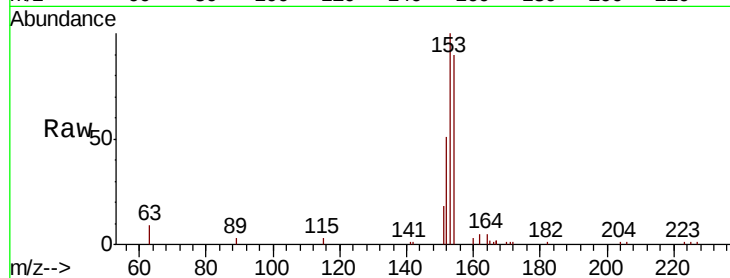
Tot Ion:154 Resp: 10247

Ion Ratio Lower Upper

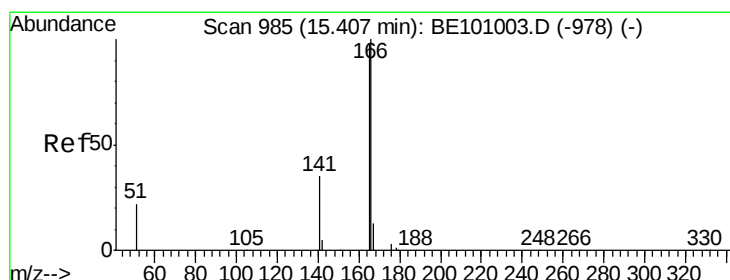
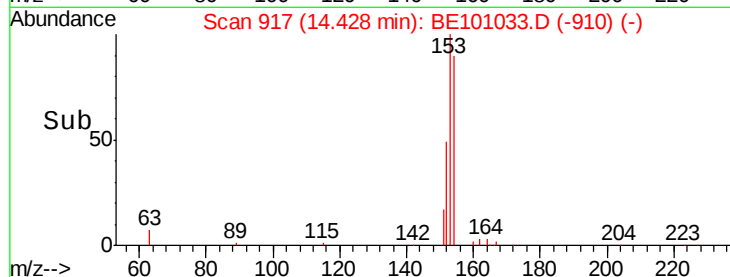
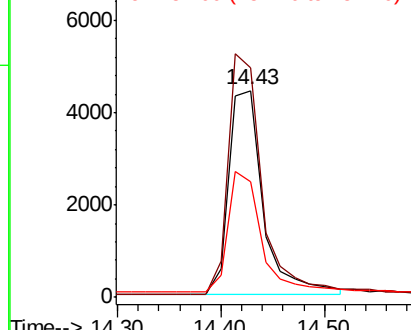
154 100

153 114.8 93.6 140.4

152 57.1 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: 0.386 ng

RT: 15.41 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

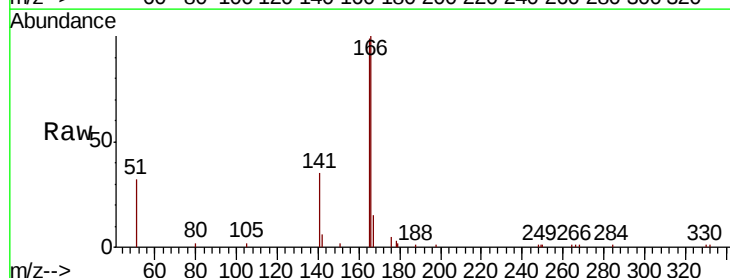
Tgt Ion:166 Resp: 12744

Ion Ratio Lower Upper

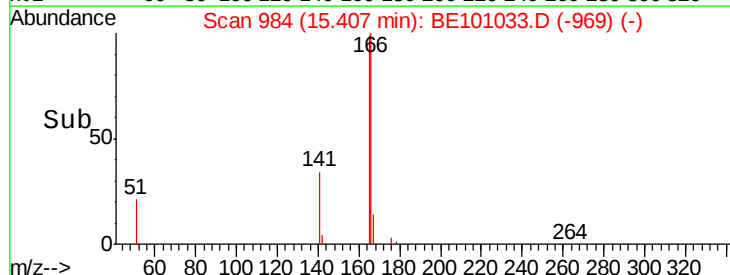
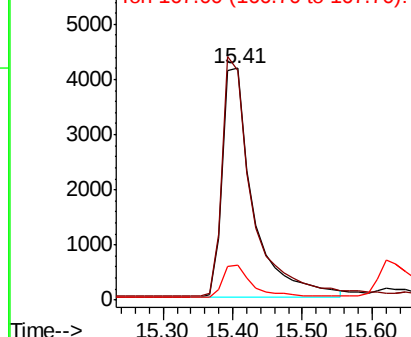
166 100

165 101.1 79.8 119.8

167 13.6 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: 17.09 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

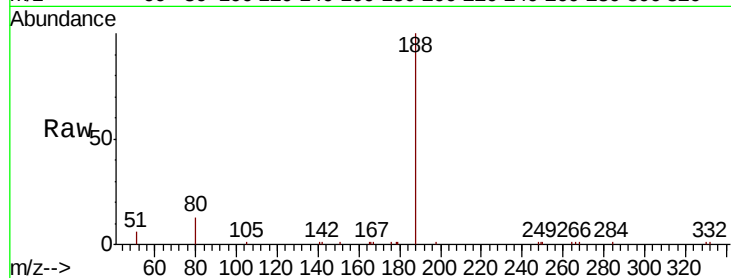
Tot Ion:188 Resp: 19411

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

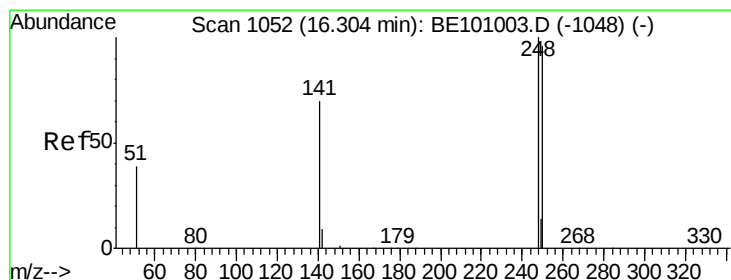
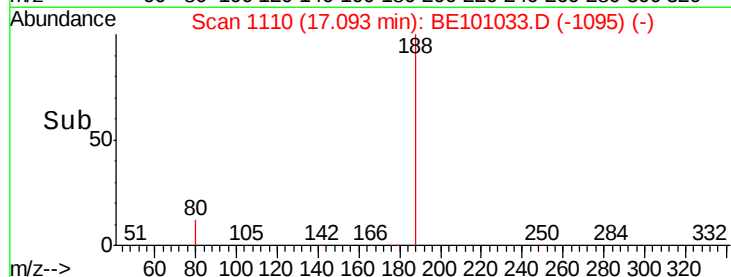
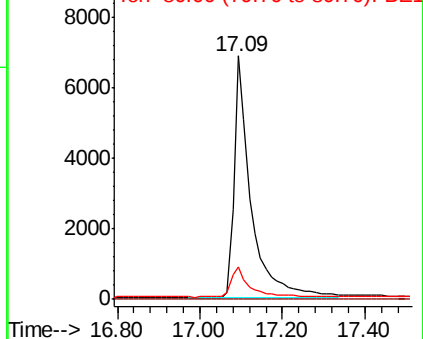
80 13.1 10.8 16.2



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: 0.365 ng

RT: 16.30 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

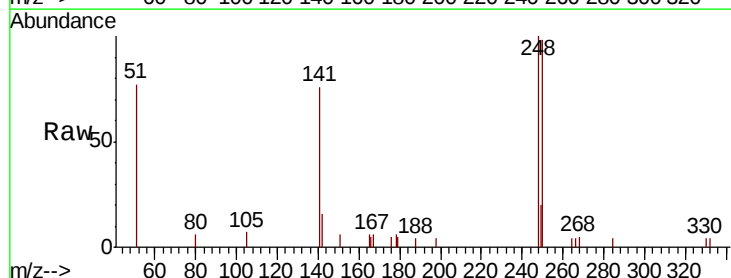
Tgt Ion:248 Resp: 3455

Ion Ratio Lower Upper

248 100

250 97.6 76.6 115.0

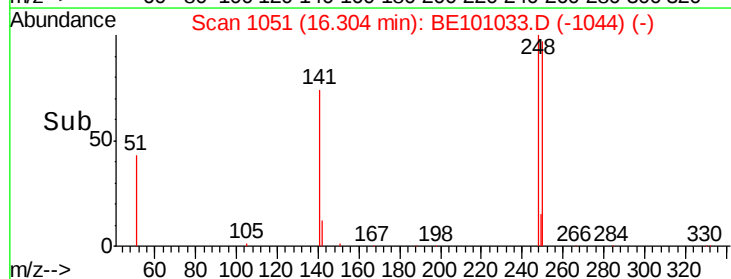
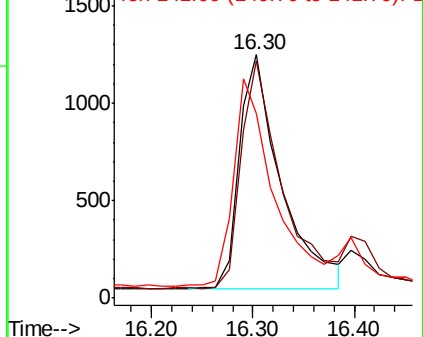
141 75.7 57.7 86.5



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: 0.396 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

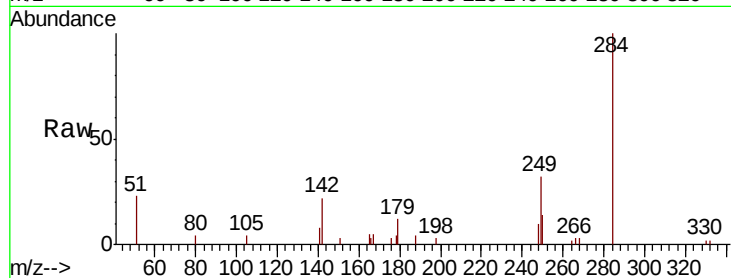
Tot Ion:284 Resp: 4113

Ion Ratio Lower Upper

284 100

142 42.0 34.0 51.0

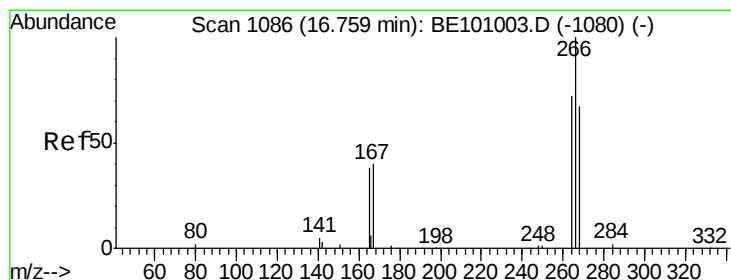
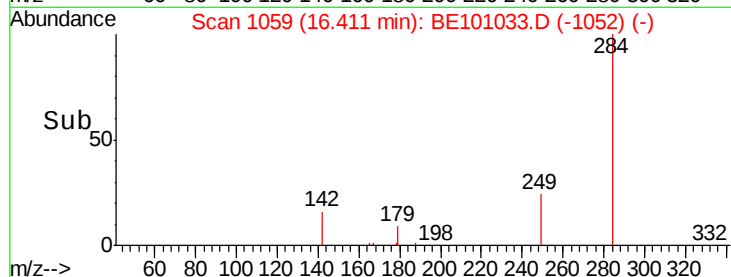
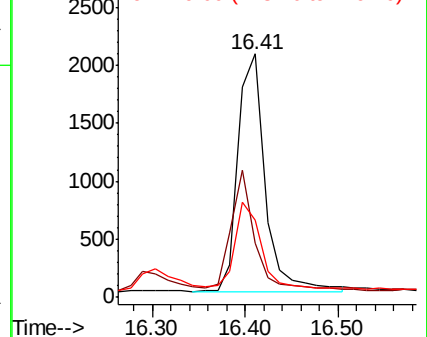
249 33.2 28.2 42.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.386 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

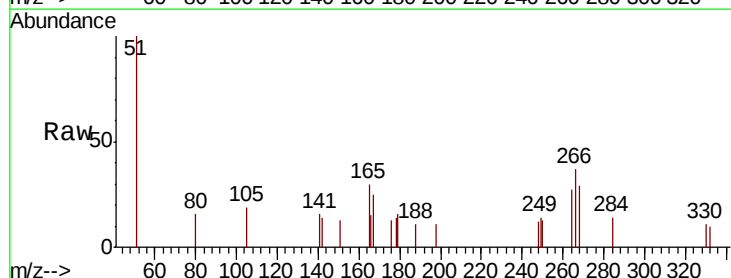
Tgt Ion:266 Resp: 496

Ion Ratio Lower Upper

266 100

264 71.9 61.0 91.4

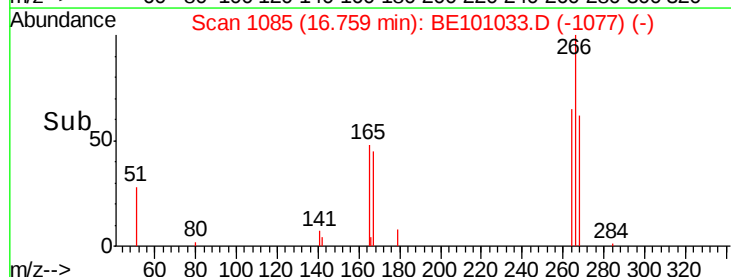
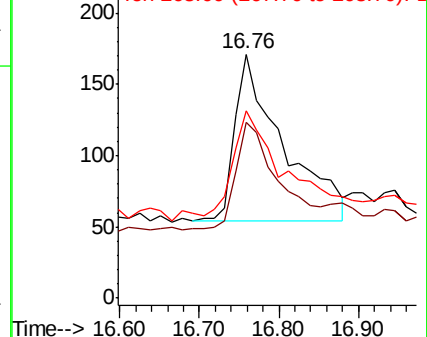
268 76.6 58.5 87.7

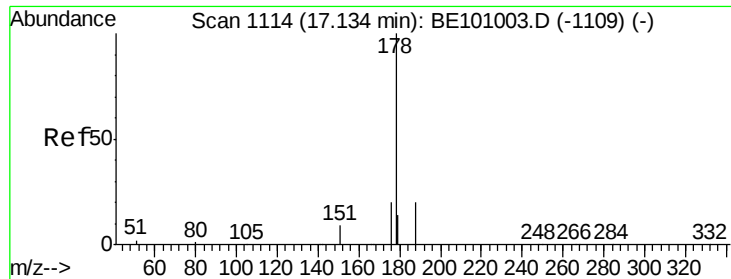


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.378 ng

RT: 17.13 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

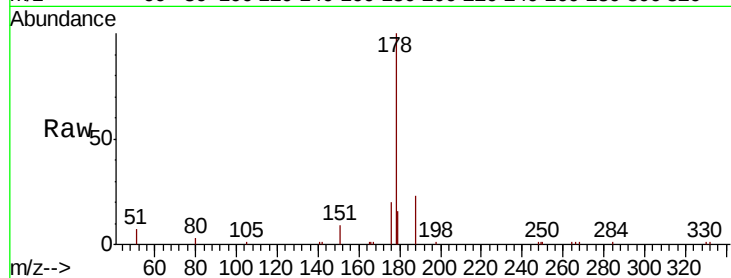
Tot Ion:178 Resp: 20022

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

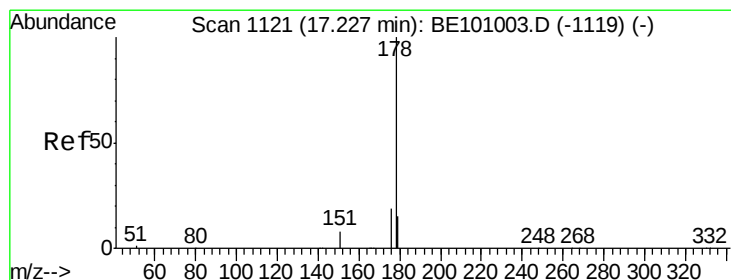
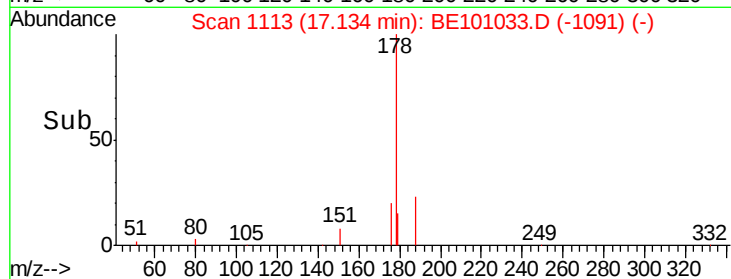
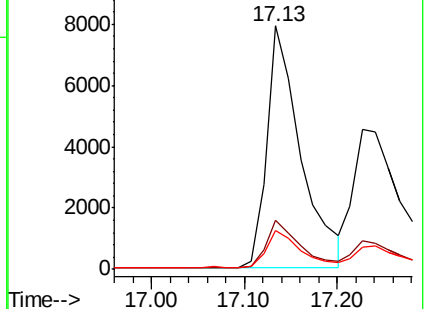
179 15.3 12.0 18.0



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: 0.362 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

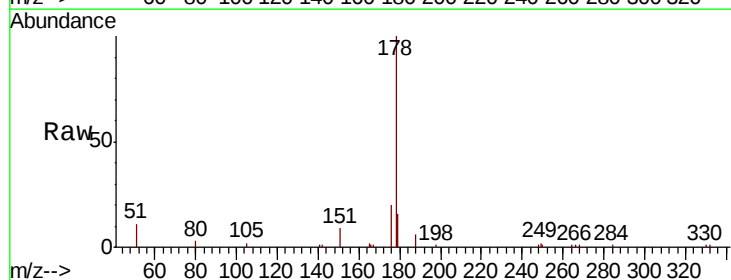
Tgt Ion:178 Resp: 18097

Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

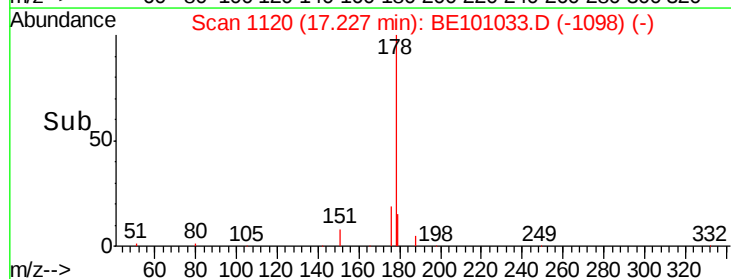
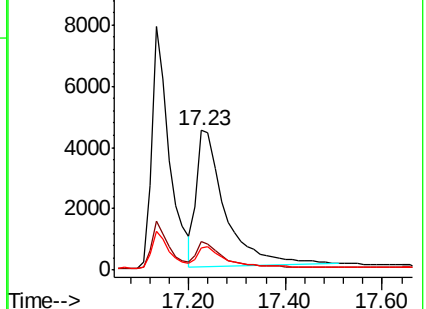
179 15.5 12.4 18.6

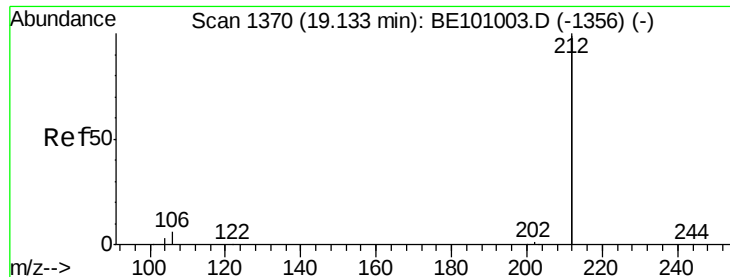


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.359 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

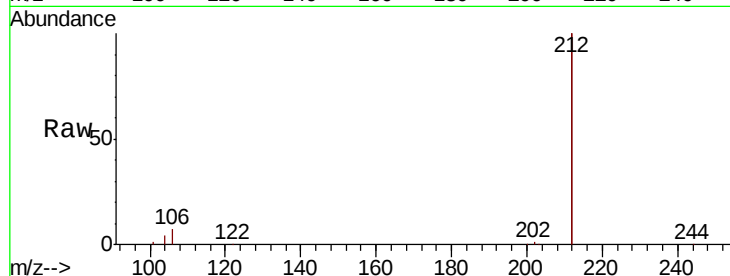
Tot Ion:212 Resp: 96908

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

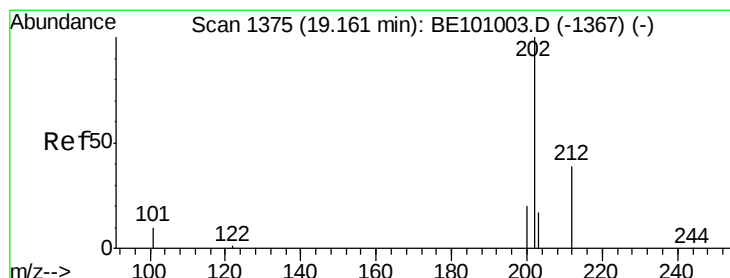
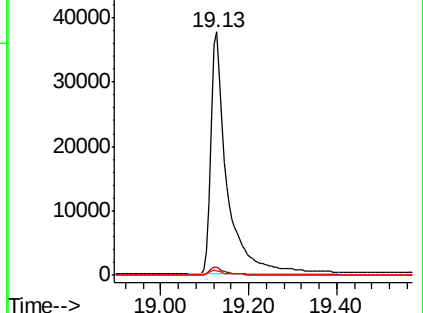
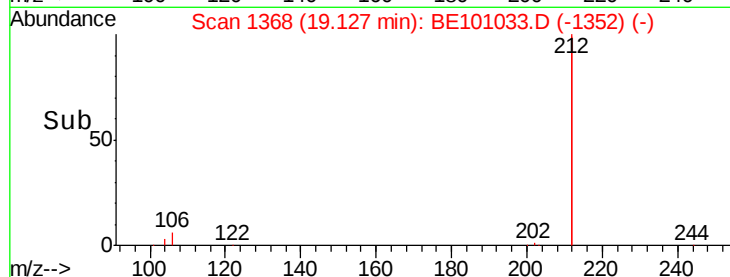
104 1.8 1.4 2.0



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: 0.356 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

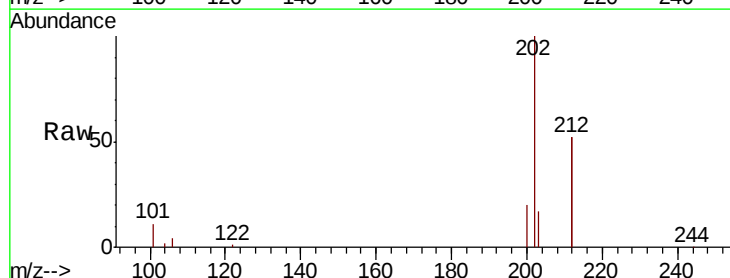
Tgt Ion:202 Resp: 23662

Ion Ratio Lower Upper

202 100

101 11.3 9.6 14.4

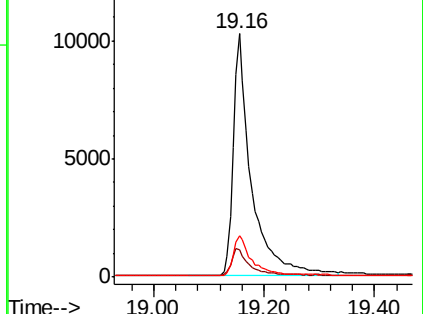
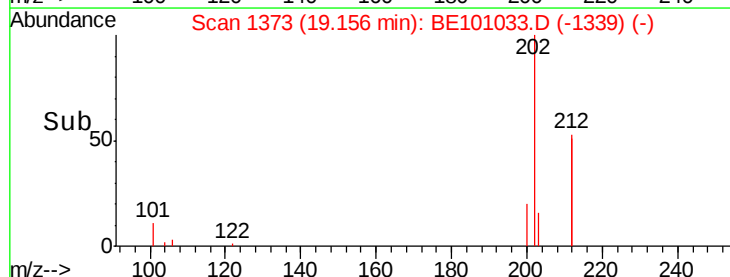
203 16.8 13.8 20.6



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: BE101033.D

Acq: 10 Jan 2020 21:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

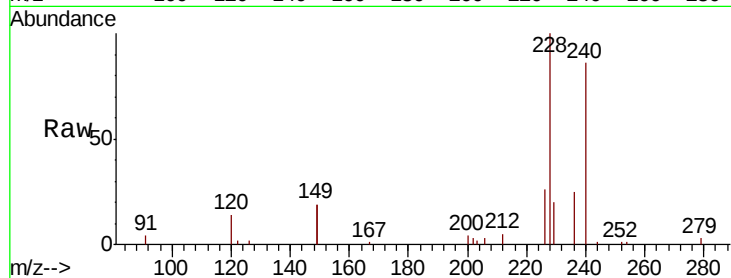
Tot Ion:240 Resp: 18822

Ion Ratio Lower Upper

240 100

120 16.6 8.6 13.0#

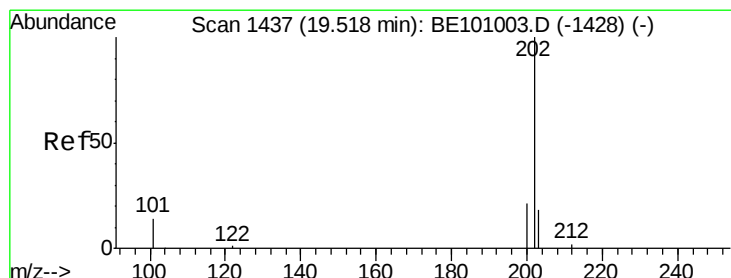
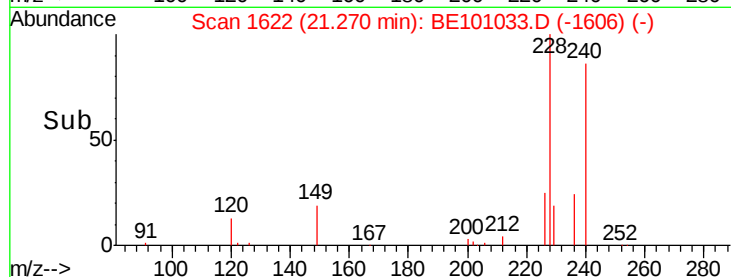
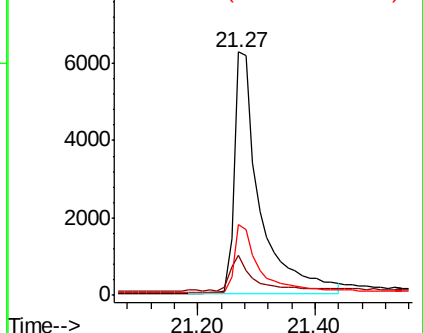
236 29.1 22.2 33.4



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: 0.338 ng

RT: 19.52 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

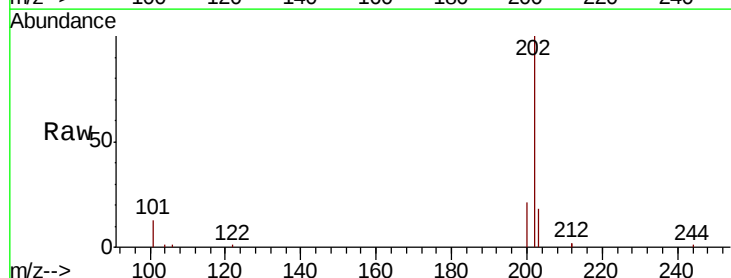
Tgt Ion:202 Resp: 23684

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

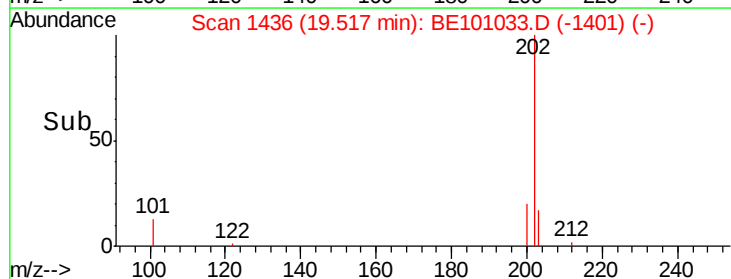
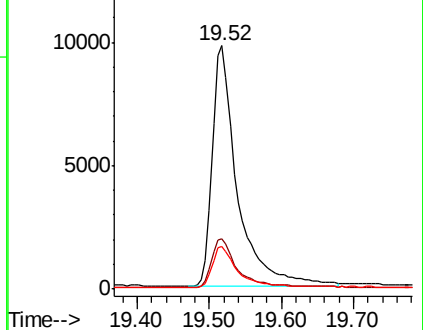
203 17.3 13.8 20.6



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

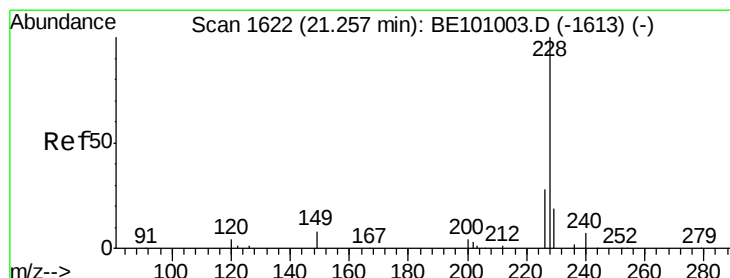
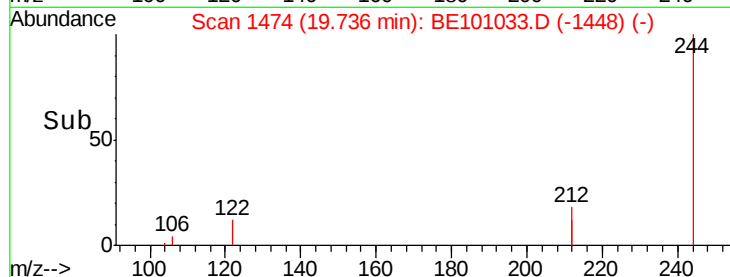
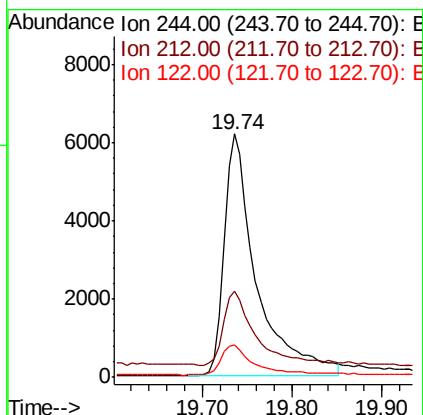
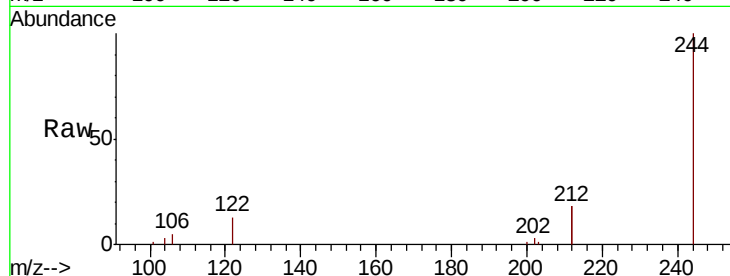




#29
 Terphenyl-d14
 Concen: 0.332 ng
 RT: 19.74 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BE101033.D
 Acq: 10 Jan 2020 21:20

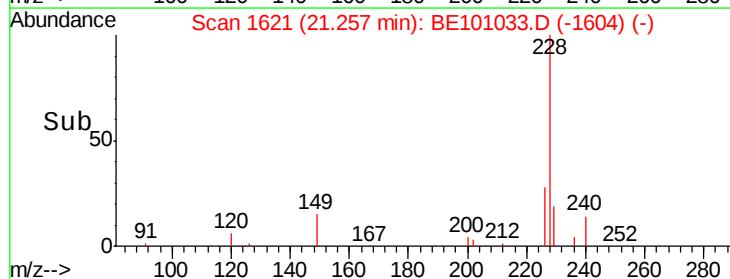
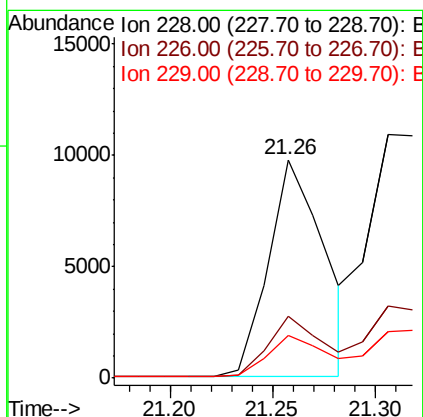
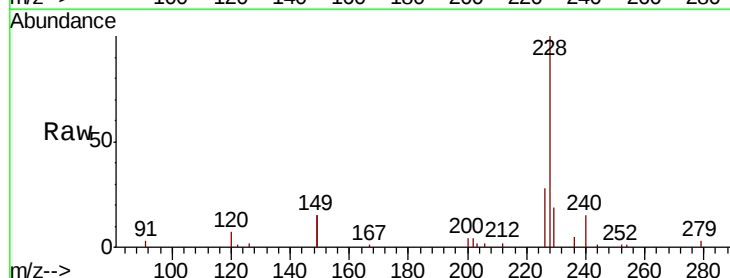
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:244 Resp: 15327
 Ion Ratio Lower Upper
 244 100
 212 35.6 27.2 40.8
 122 13.1 9.8 14.8



#30
 Benzo(a)anthracene
 Concen: 0.345 ng
 RT: 21.26 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BE101033.D
 Acq: 10 Jan 2020 21:20

Tgt Ion:228 Resp: 18512
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.7 34.1
 229 19.4 15.5 23.3





#31

Chrysene

Concen: 0.445 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

Instrument :

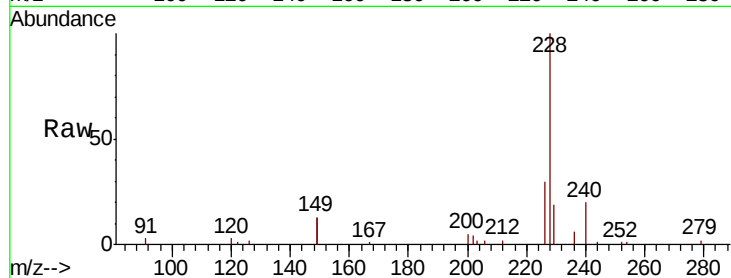
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 35527

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.5	35.3
229	19.2	16.7	25.1

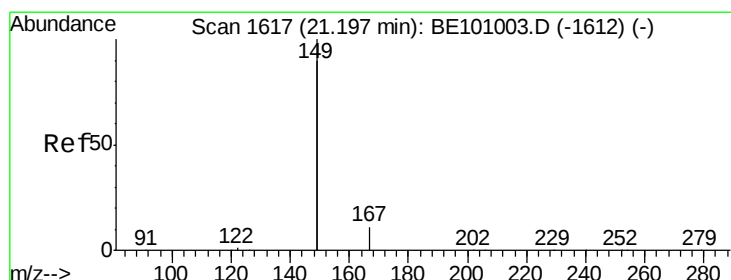
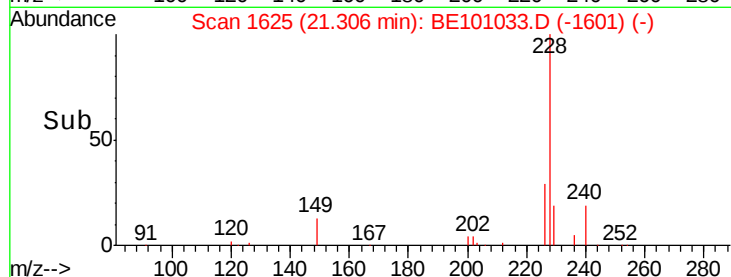
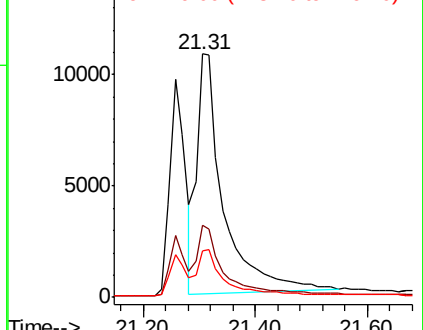


Abundance

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: 0.497 ng

RT: 21.20 min Scan# 1616

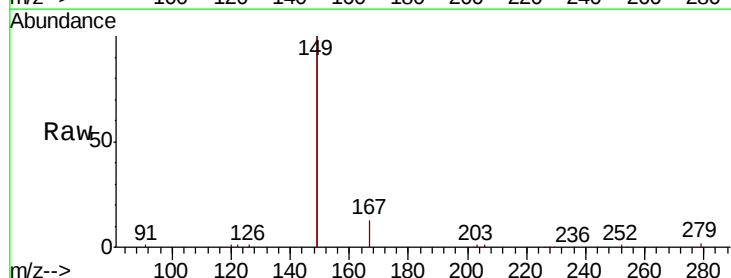
Delta R.T. -0.00 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

Tgt Ion:149 Resp: 44436

Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.2	7.8
279	1.2	0.8	1.2

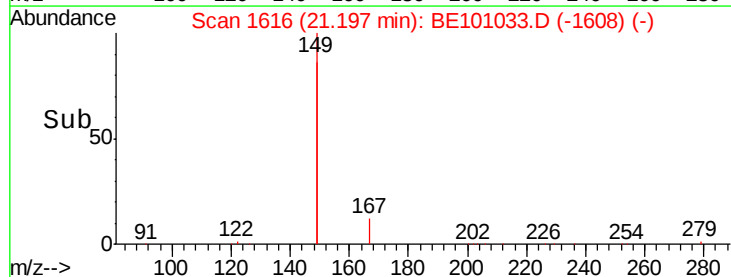
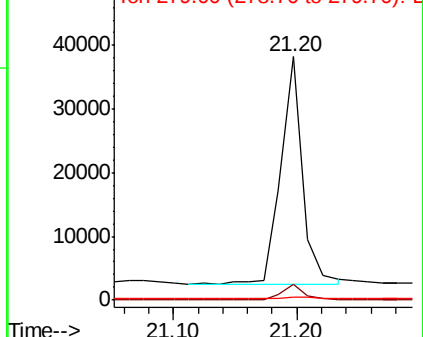


Abundance

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

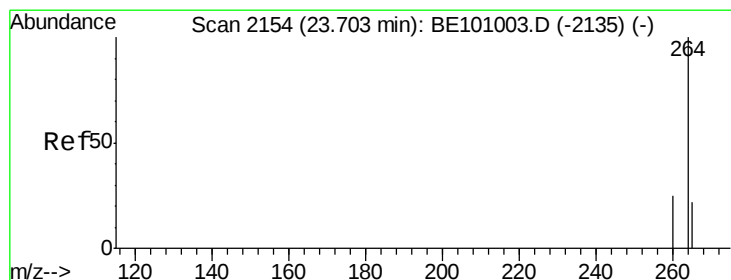
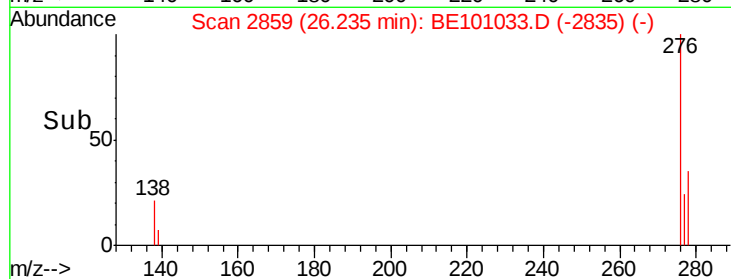
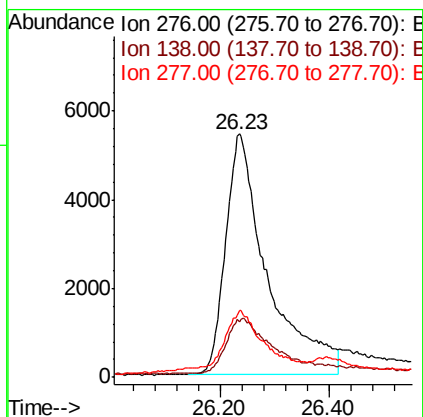
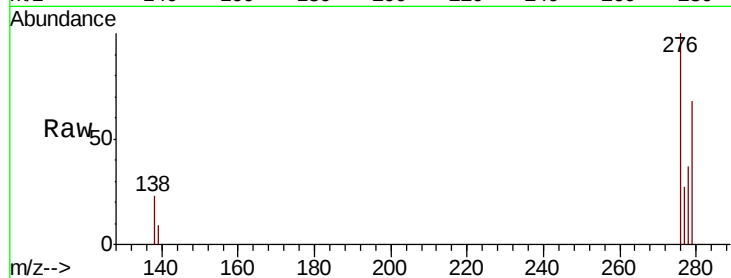




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.462 ng
 RT: 26.23 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BE101033.D
 Acq: 10 Jan 2020 21:20

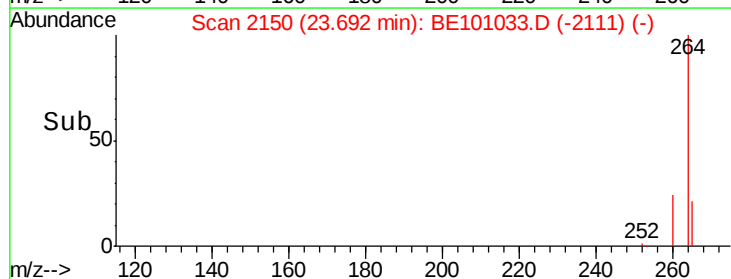
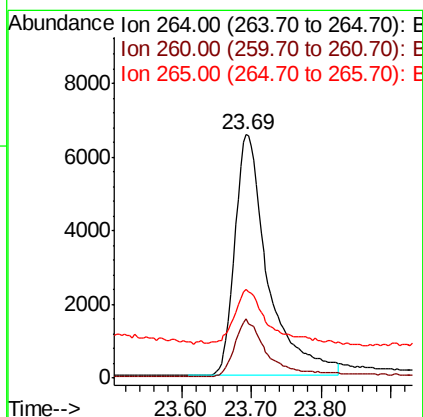
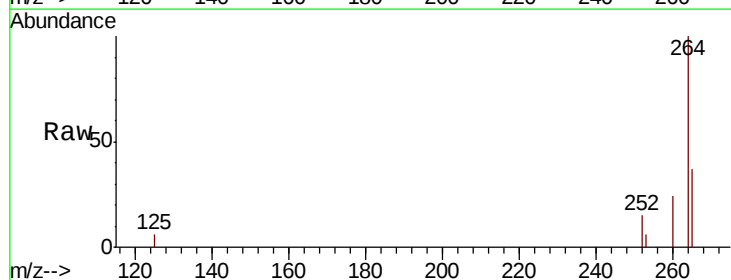
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 29125
 Ion Ratio Lower Upper
 276 100
 138 23.8 16.1 24.1
 277 20.0 18.1 27.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.69 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BE101033.D
 Acq: 10 Jan 2020 21:20

Tgt Ion:264 Resp: 21480
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.3 30.5
 265 36.6 27.0 40.4





#35

Benzo(b)fluoranthene

Concen: 0.324 ng

RT: 22.95 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

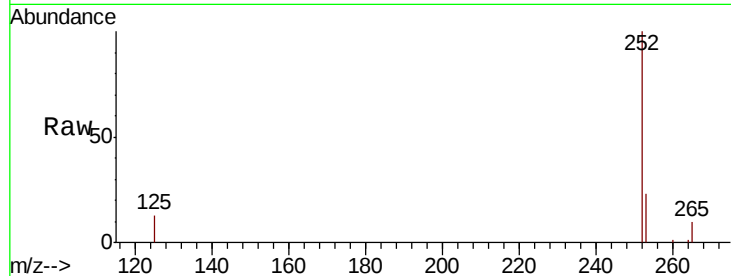
Tot Ion:252 Resp: 19531

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

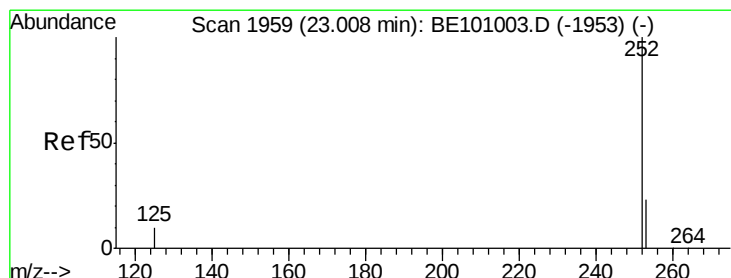
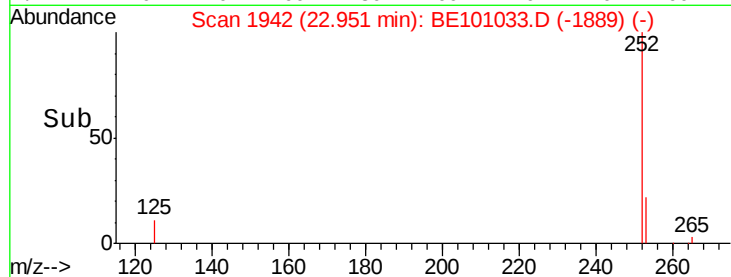
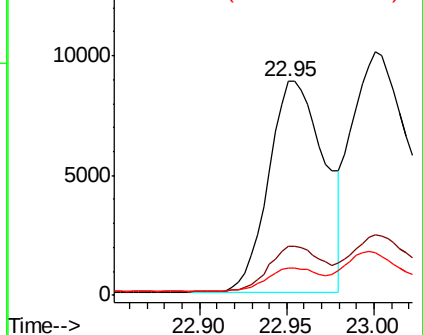
125 12.8 9.5 14.3



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: 0.369 ng m

RT: 23.00 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

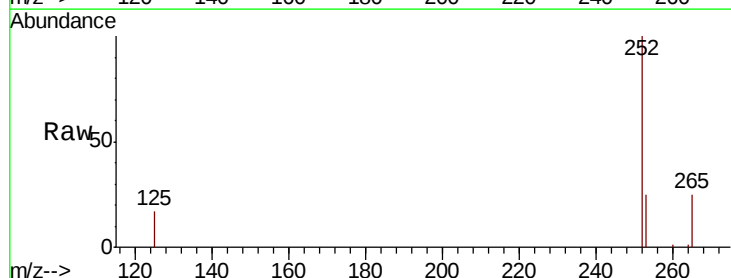
Tgt Ion:252 Resp: 32217

Ion Ratio Lower Upper

252 100

253 24.7 18.9 28.3

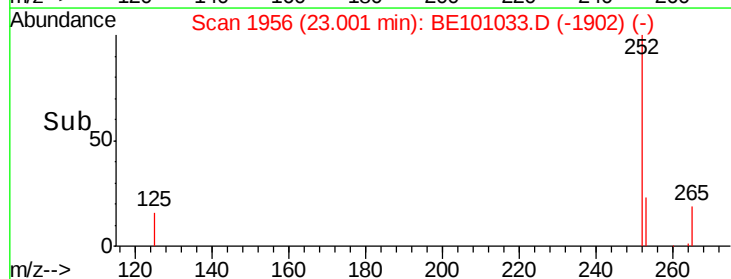
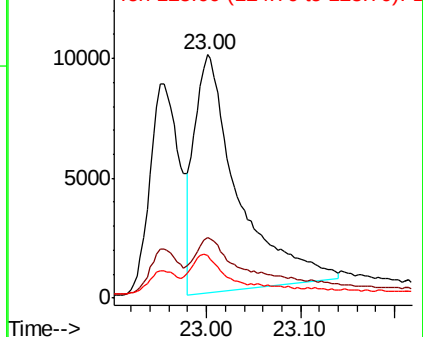
125 17.5 10.1 15.1#



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: 0.398 ng

RT: 23.59 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

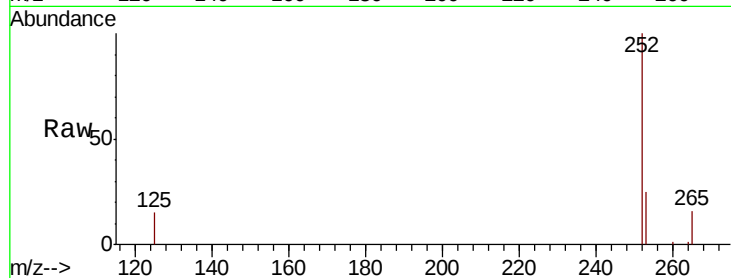
Tot Ion:252 Resp: 23207

Ion Ratio Lower Upper

252 100

253 25.4 19.4 29.2

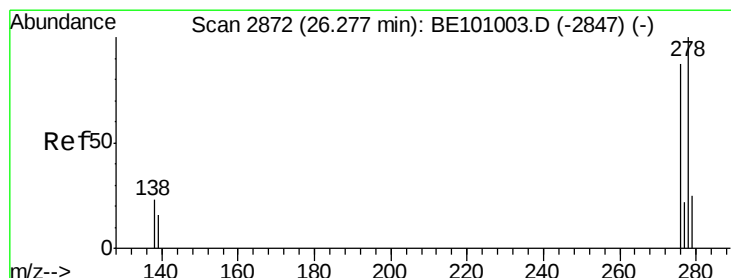
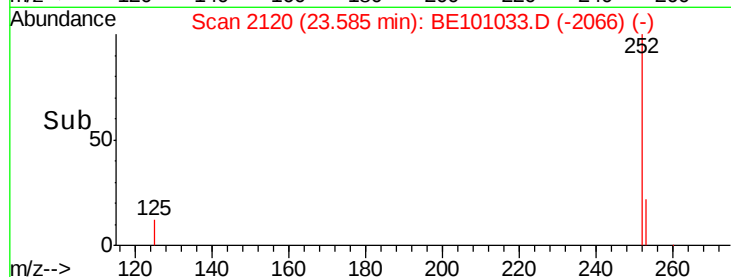
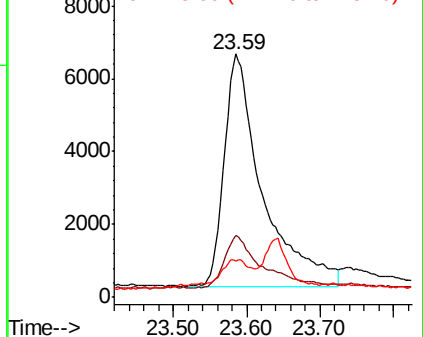
125 14.9 11.8 17.6



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: 0.356 ng

RT: 26.26 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

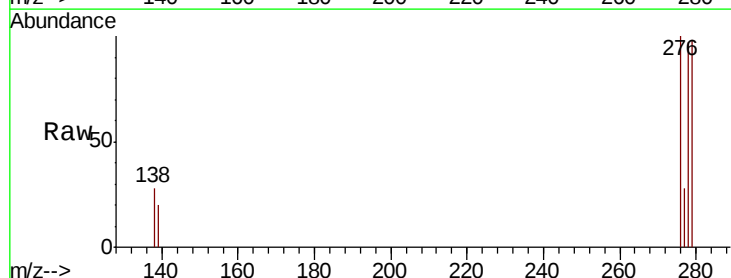
Tgt Ion:278 Resp: 19060

Ion Ratio Lower Upper

278 100

139 20.3 15.0 22.4

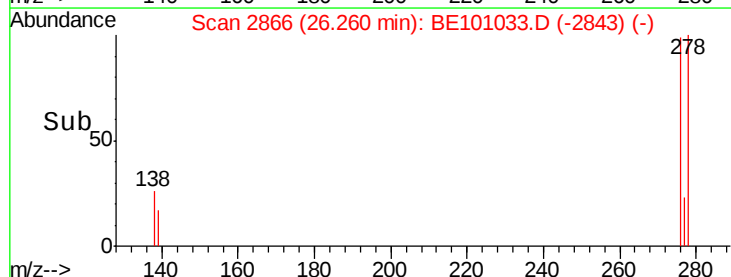
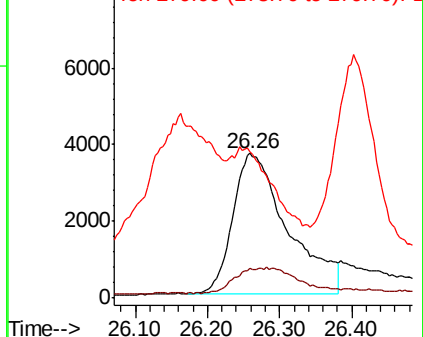
279 101.2 22.6 33.8#



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: 0.383 ng

RT: 27.00 min Scan# 3074

Delta R.T. -0.02 min

Lab File: BE101033.D

Acq: 10 Jan 2020 21:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

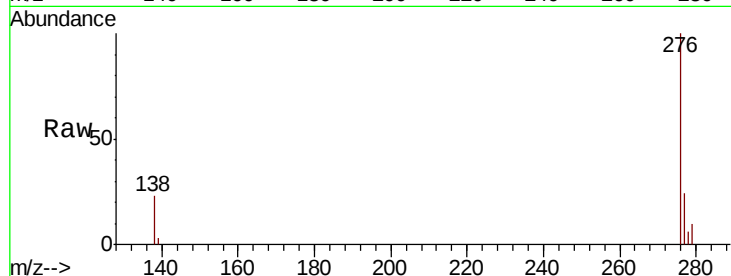
Tot Ion:276 Resp: 25212

Ion Ratio Lower Upper

276 100

277 24.5 19.4 29.2

138 23.3 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

