

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010820\
 Data File : BE101002.D
 Acq On : 8 Jan 2020 14:00
 Operator : JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jan 08 18:21:59 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 18:14:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3232	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	14232	0.40	ng	0.01
13) Acenaphthene-d10	14.37	164	8777	0.40	ng	0.01
19) Phenanthrene-d10	17.09	188	19836	0.40	ng	0.00
27) Chrysene-d12	21.28	240	16459	0.40	ng	0.00
34) Perylene-d12	23.70	264	18156	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	1370	0.25	ng	0.00
5) Phenol-d6	6.92	99	1570	0.20	ng	0.00
8) Nitrobenzene-d5	8.89	82	1739	0.26	ng	0.01
11) 2-Methylnaphthalene-d10	12.11	152	5292	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	416	0.22	ng	0.01
15) 2-Fluorobiphenyl	13.00	172	6294	0.20	ng	0.00
25) Fluoranthene-d10	19.13	212	50051	0.21	ng	0.00
29) Terphenyl-d14	19.74	244	7854	0.21	ng	0.00

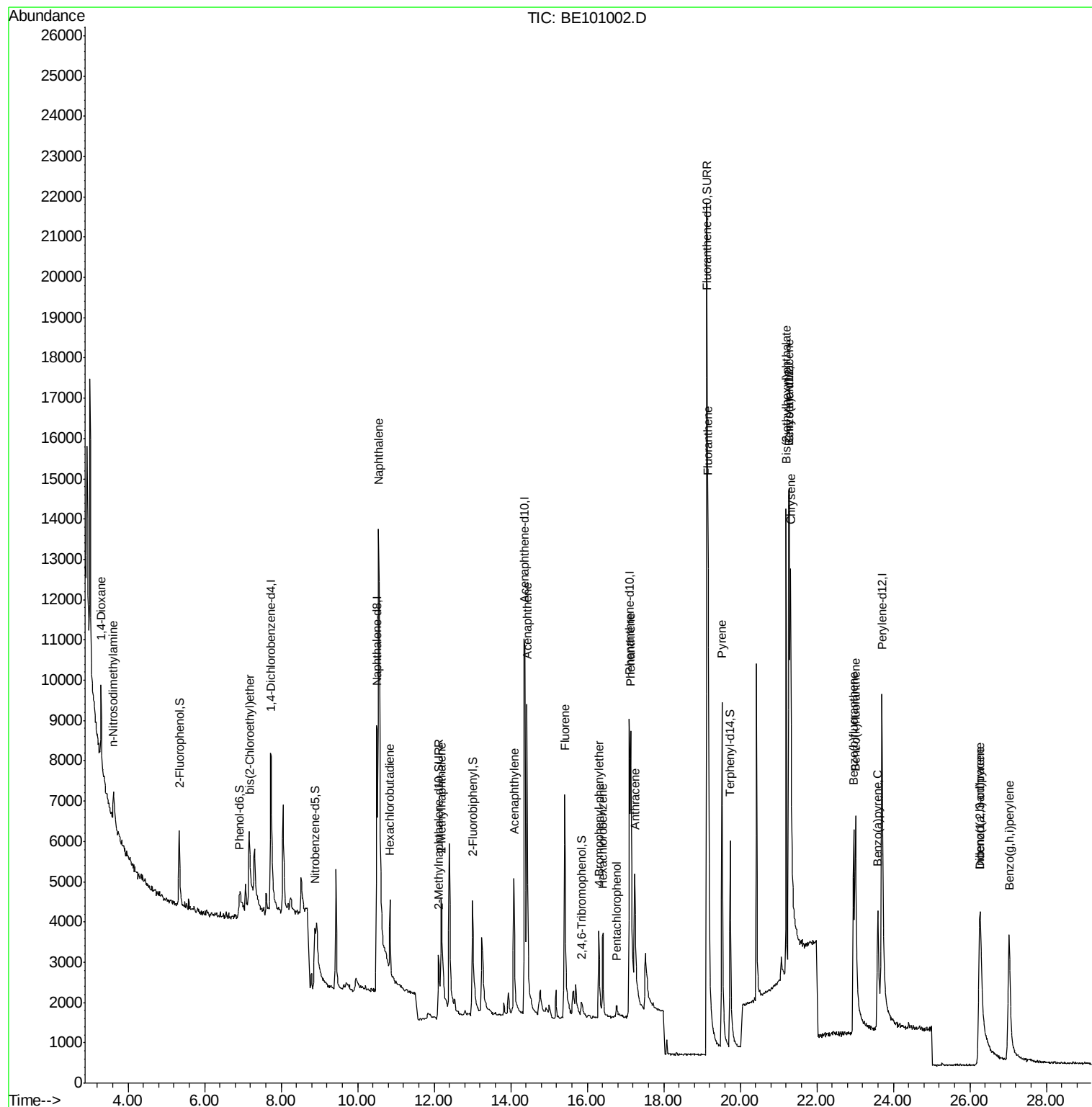
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	1810	0.159	ng	# 88
3) n-Nitrosodimethylamine	3.61	42	1010	0.379	ng	# 67
6) bis(2-Chloroethyl)ether	7.17	93	1777	0.152	ng	94
9) Naphthalene	10.55	128	30420	0.201	ng	99
10) Hexachlorobutadiene	10.85	225	1340	0.200	ng	96
12) 2-Methylnaphthalene	12.18	142	4341	0.189	ng	96
16) Acenaphthylene	14.08	152	5955	0.182	ng	99
17) Acenaphthene	14.43	154	4661	0.196	ng	99
18) Fluorene	15.41	166	5682	0.191	ng	96
20) 4-Bromophenyl-phenylether	16.30	248	1652	0.190	ng	93
21) Hexachlorobenzene	16.41	284	2035	0.198	ng	94
22) Pentachlorophenol	16.76	266	370	0.241	ng	95
23) Phenanthrene	17.13	178	9729	0.190	ng	100
24) Anthracene	17.24	178	8976	0.174	ng	98
26) Fluoranthene	19.16	202	11952	0.171	ng	99
28) Pyrene	19.52	202	12101	0.210	ng	99
30) Benzo(a)anthracene	21.27	228	8324	0.207	ng	96
31) Chrysene	21.32	228	13961	0.186	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	13754	0.155	ng	100
33) Indeno(1,2,3-cd)pyrene	26.25	276	10189	0.180	ng	99
35) Benzo(b)fluoranthene	22.96	252	8598	0.225	ng	# 94
36) Benzo(k)fluoranthene	23.01	252	12654	0.175	ng	# 97
37) Benzo(a)pyrene	23.59	252	8049	0.180	ng	# 93
38) Dibenzo(a,h)anthracene	26.28	278	7218	0.179	ng	# 94
39) Benzo(g,h,i)perylene	27.02	276	9651	0.203	ng	95

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

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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: BE101002.D

Acq: 8 Jan 2020 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

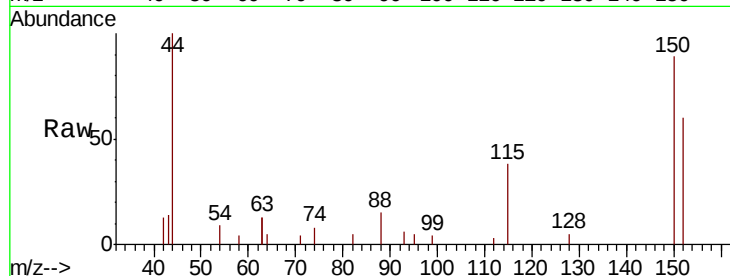
Tot Ion:152 Resp: 3232

Ion Ratio Lower Upper

152 100

150 149.0 120.3 180.5

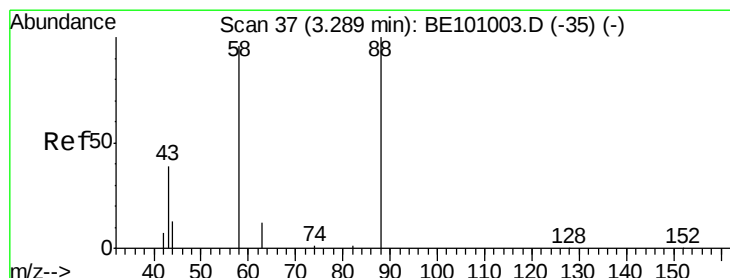
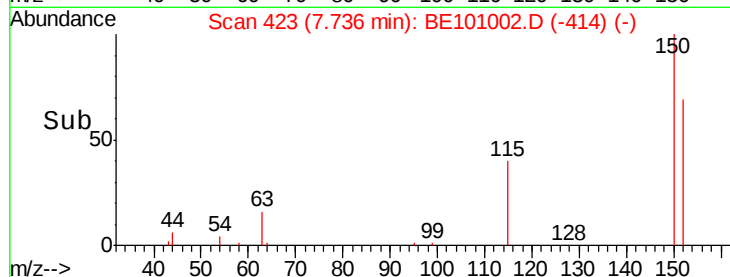
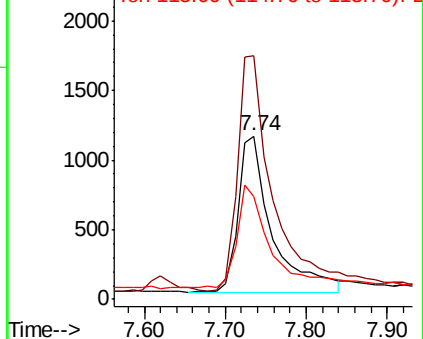
115 63.2 51.7 77.5



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: 0.159 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

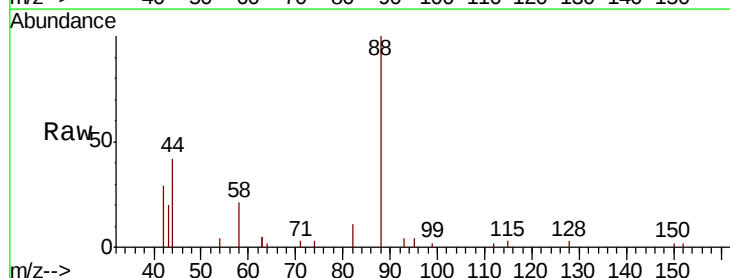
Tgt Ion: 88 Resp: 1810

Ion Ratio Lower Upper

88 100

58 56.3 53.0 79.4

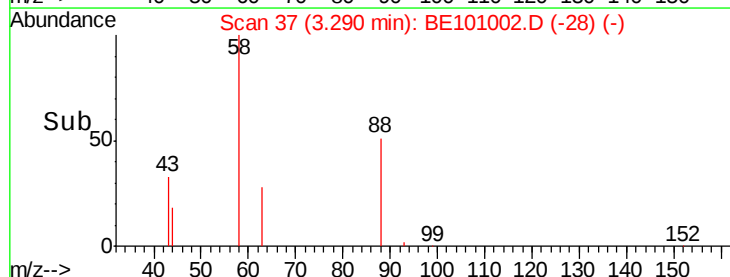
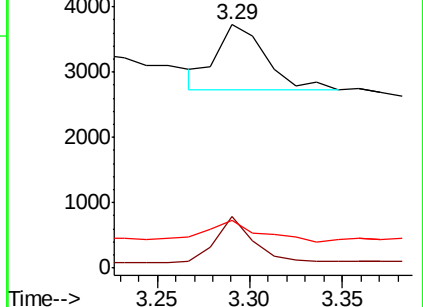
43 35.6 23.4 35.2#



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





#3

n-Nitrosodimethylamine

Concen: 0.379 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

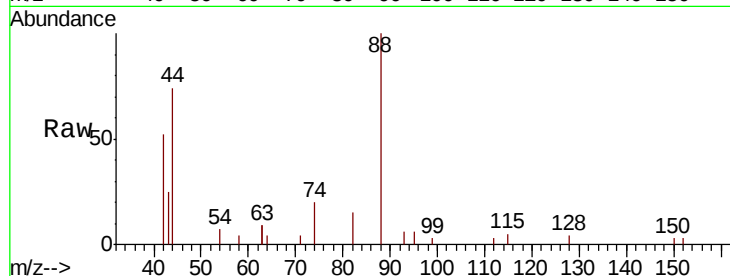
Tot Ion: 42 Resp: 1010

Ion Ratio Lower Upper

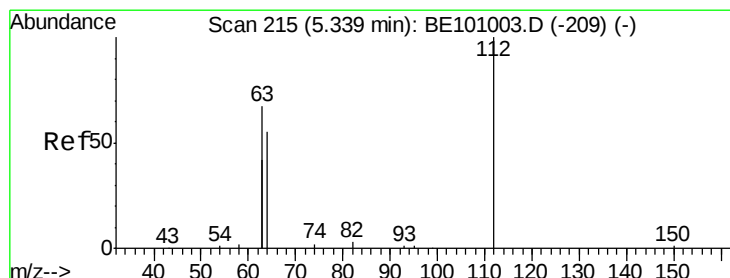
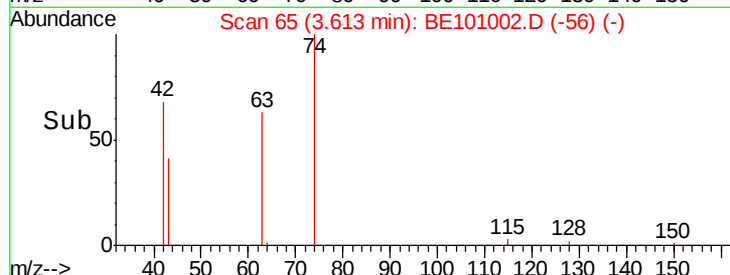
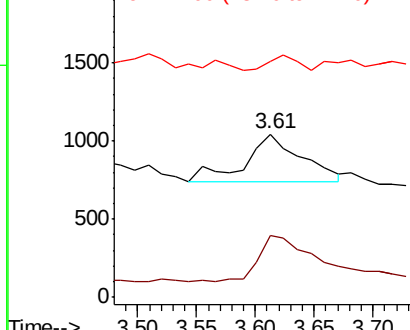
42 100

74 90.9 105.7 158.5#

44 16.5 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: 0.251 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

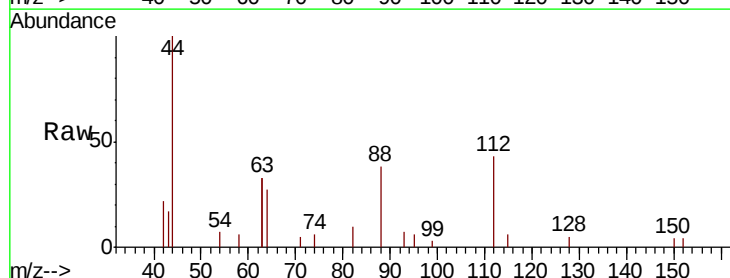
Tgt Ion: 112 Resp: 1370

Ion Ratio Lower Upper

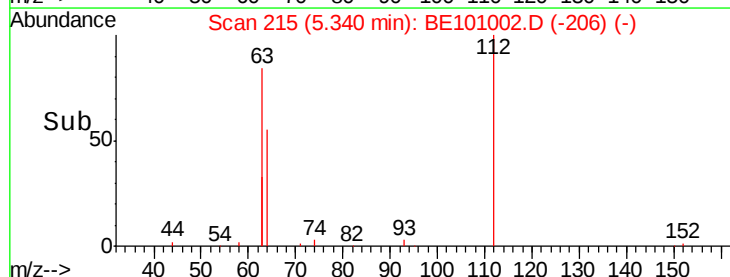
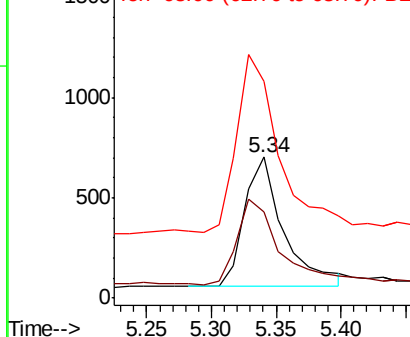
112 100

64 70.7 53.6 80.4

63 149.0 114.6 172.0



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: 0.205 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

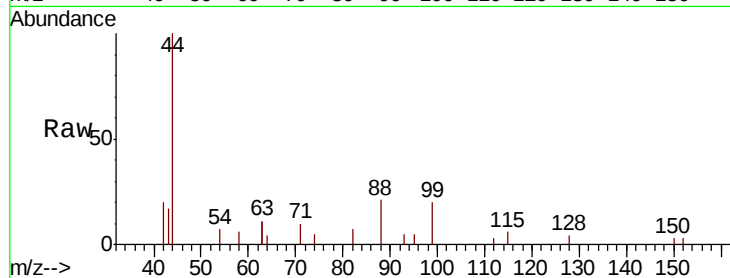
Tot Ion: 99 Resp: 1570

Ion Ratio Lower Upper

99 100

42 18.4 18.3 27.5

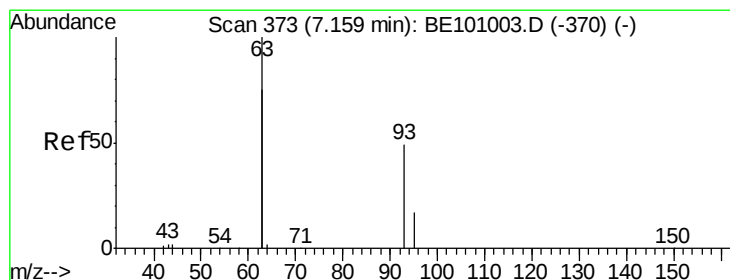
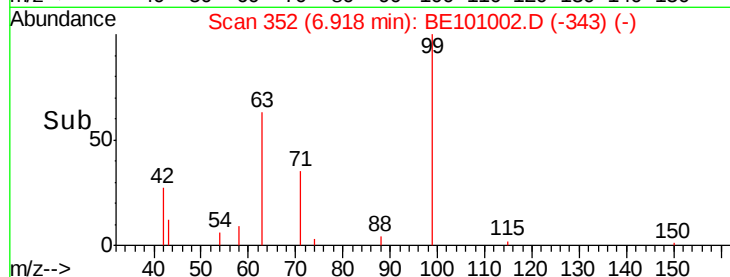
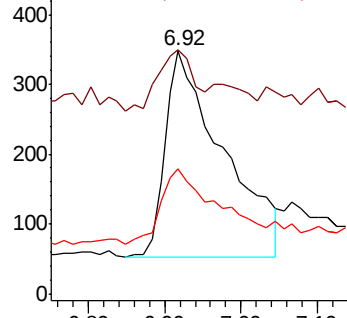
71 37.1 28.0 42.0



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: 0.152 ng

RT: 7.17 min Scan# 374

Delta R.T. 0.01 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

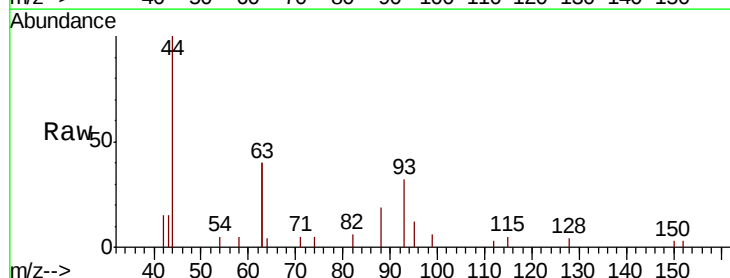
Tgt Ion: 93 Resp: 1777

Ion Ratio Lower Upper

93 100

63 303.4 233.9 350.9

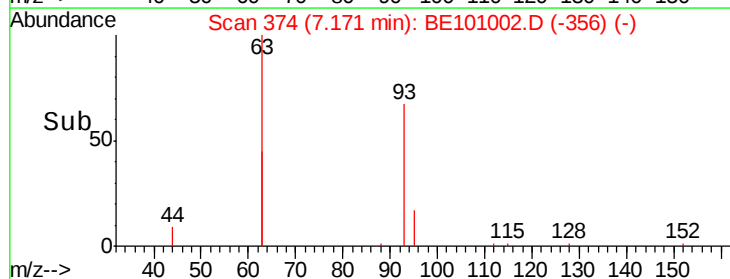
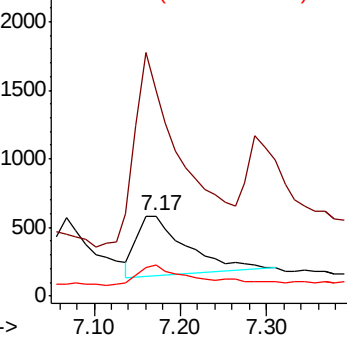
95 33.7 23.5 35.3



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: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

Tot Ion:136 Resp: 14232

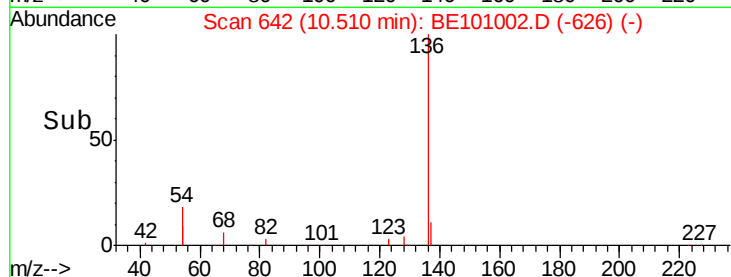
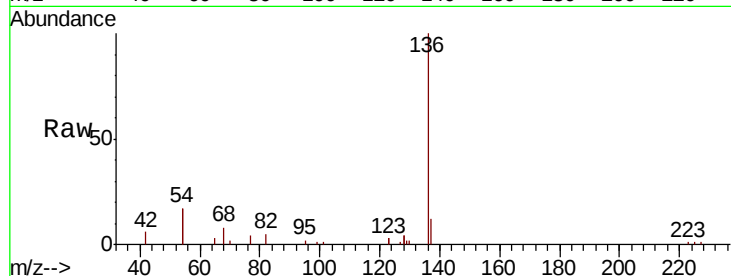
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 34.8 36.8 55.2#

68 7.9 8.4 12.6#

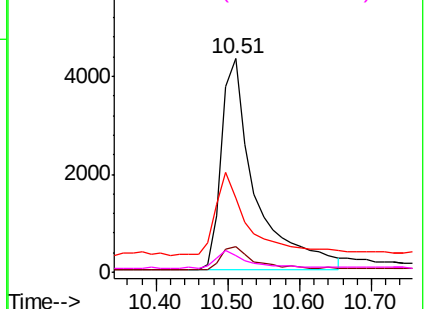


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.255 ng

RT: 8.89 min Scan# 517

Delta R.T. 0.01 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

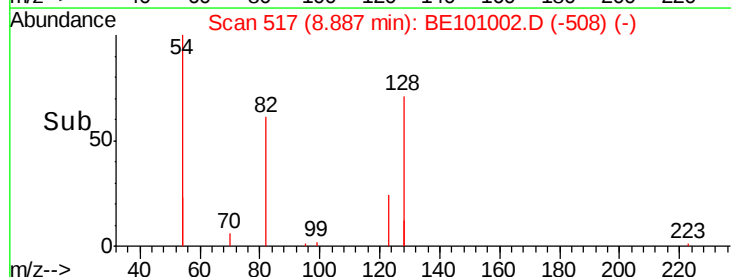
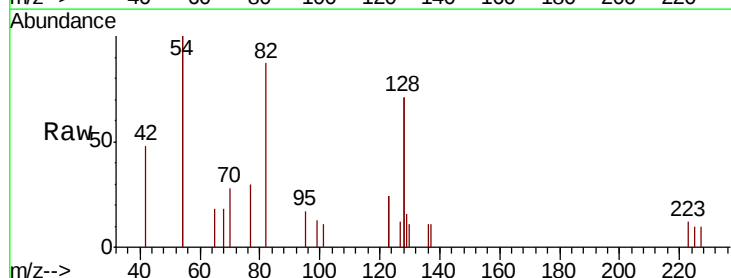
Tgt Ion: 82 Resp: 1739

Ion Ratio Lower Upper

82 100

128 162.5 109.8 164.6

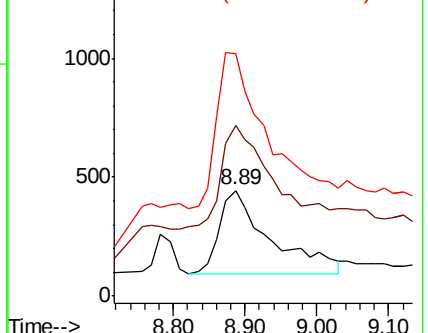
54 229.8 174.5 261.7



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: 0.201 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

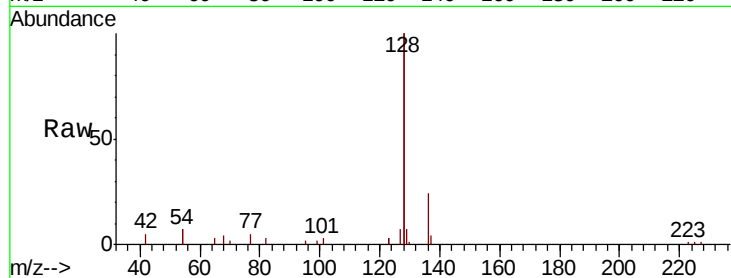
Tot Ion:128 Resp: 30420

Ion Ratio Lower Upper

128 100

129 3.4 2.3 3.5

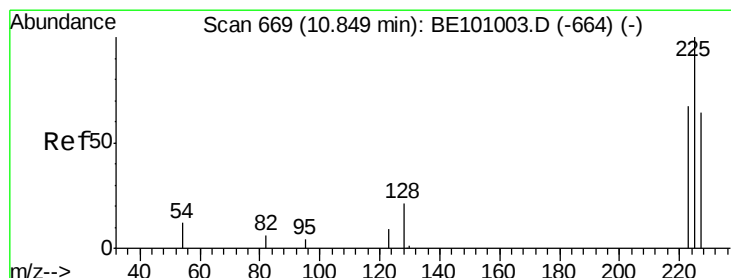
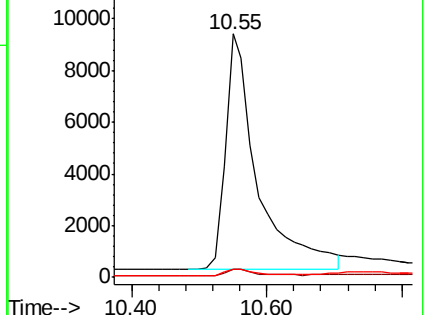
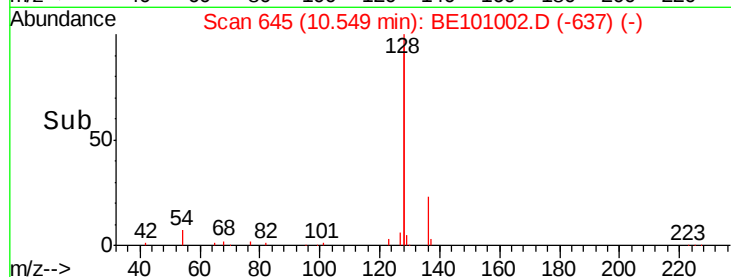
127 3.5 2.7 4.1



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: 0.200 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

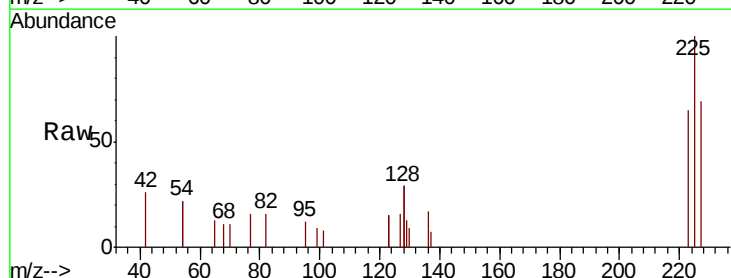
Tgt Ion:225 Resp: 1340

Ion Ratio Lower Upper

225 100

223 61.7 52.2 78.4

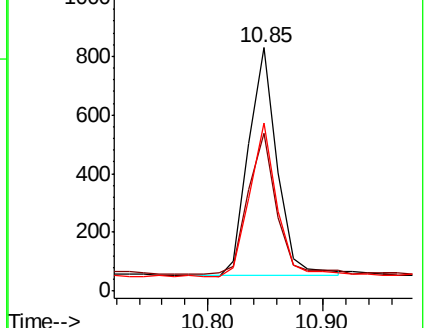
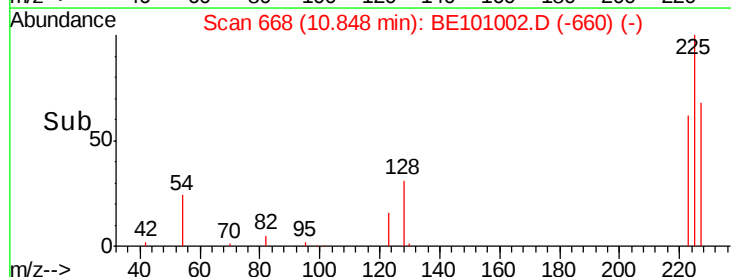
227 64.9 49.9 74.9



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

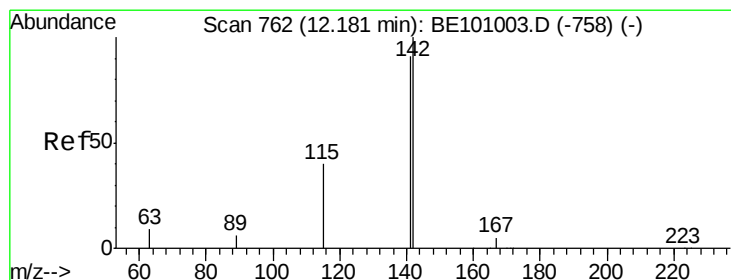
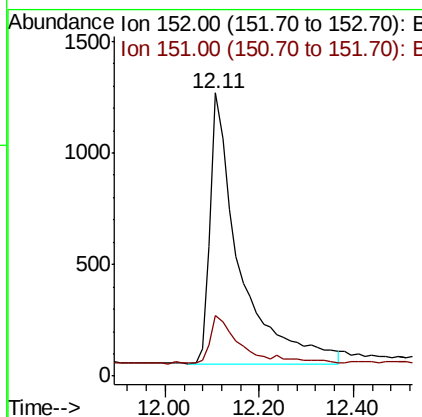
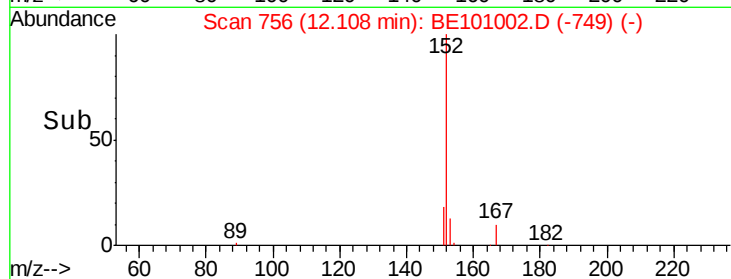
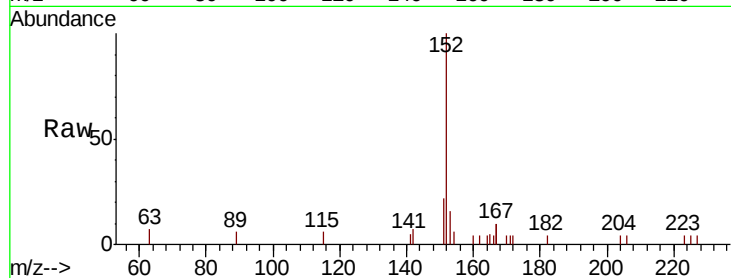




#11
2-Methylnaphthalene-d10
Concen: 0.253 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.00 min
Lab File: BE101002.D
Acq: 8 Jan 2020 14:00

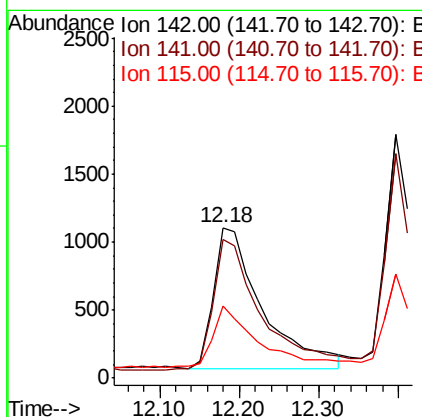
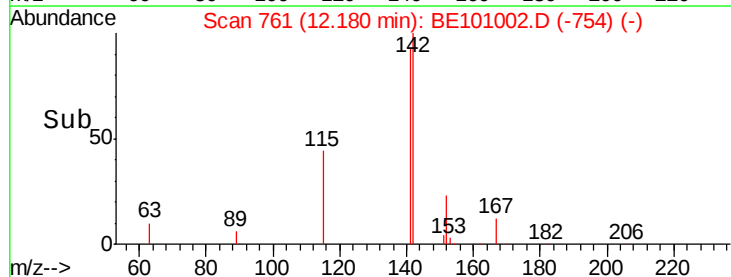
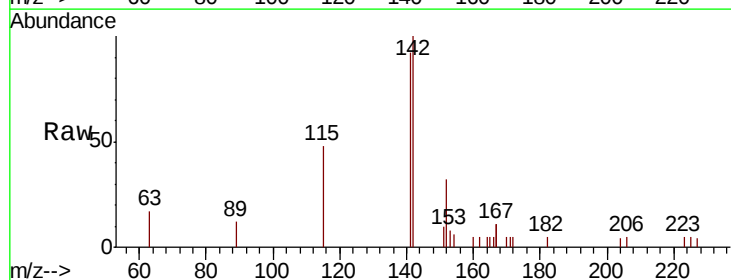
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:152 Resp: 5292
Ion Ratio Lower Upper
152 100
151 15.7 15.0 22.6



#12
2-Methylnaphthalene
Concen: 0.189 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE101002.D
Acq: 8 Jan 2020 14:00

Tgt Ion:142 Resp: 4341
Ion Ratio Lower Upper
142 100
141 91.7 72.5 108.7
115 47.6 33.0 49.6

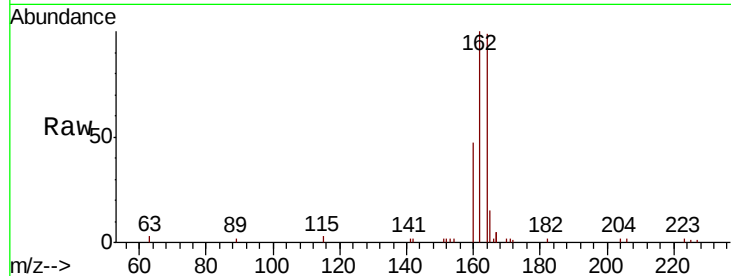




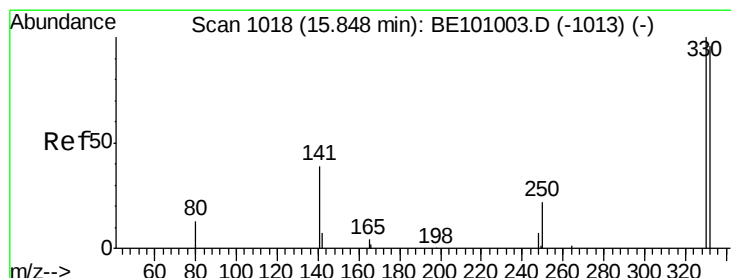
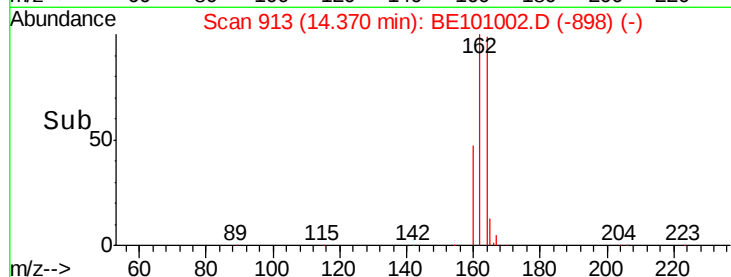
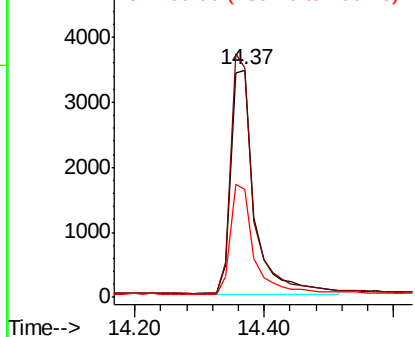
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. 0.01 min
Lab File: BE101002.D
Acq: 8 Jan 2020 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:164 Resp: 8777
Ion Ratio Lower Upper
164 100
162 101.0 84.1 126.1
160 47.8 40.4 60.6

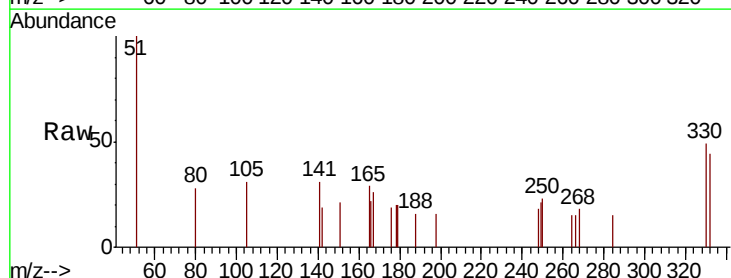


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

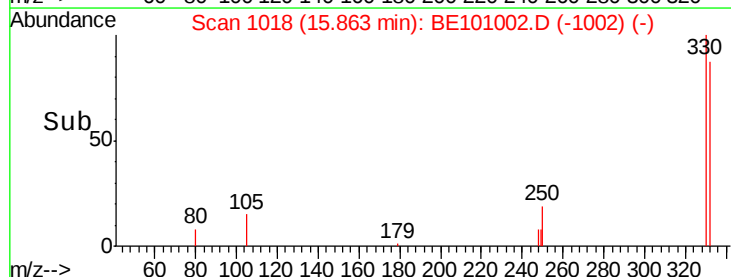
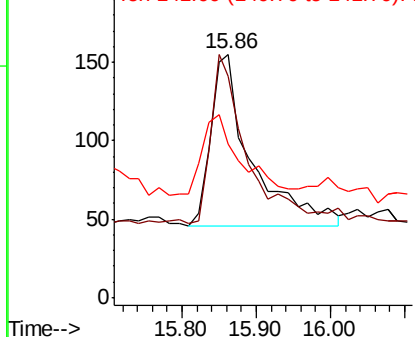


#14
2,4,6-Tribromophenol
Concen: 0.216 ng
RT: 15.86 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BE101002.D
Acq: 8 Jan 2020 14:00

Tgt Ion:330 Resp: 416
Ion Ratio Lower Upper
330 100
332 90.6 78.4 117.6
141 45.0 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

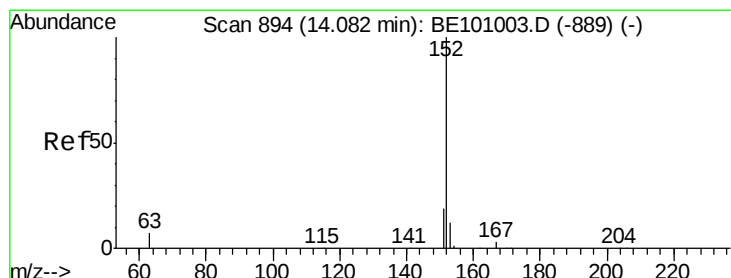
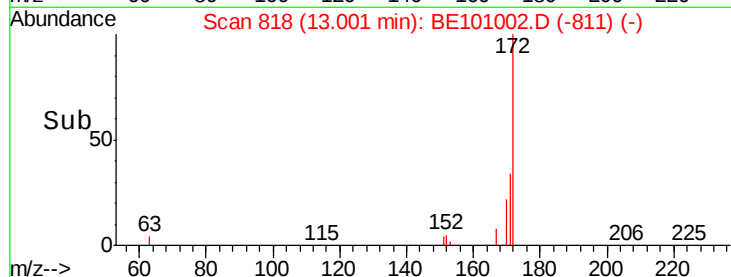
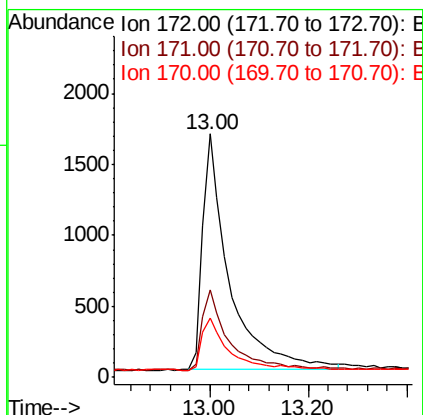
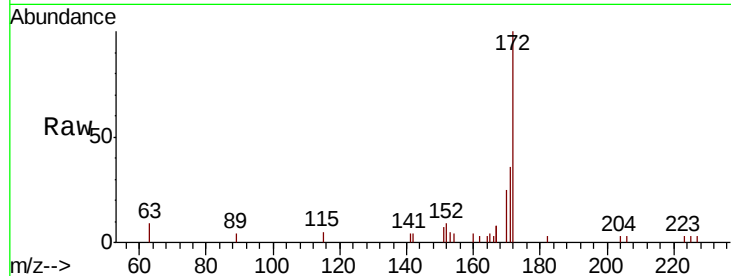




#15
2-Fluorobiphenyl
Concen: 0.202 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101002.D
Acq: 8 Jan 2020 14:00

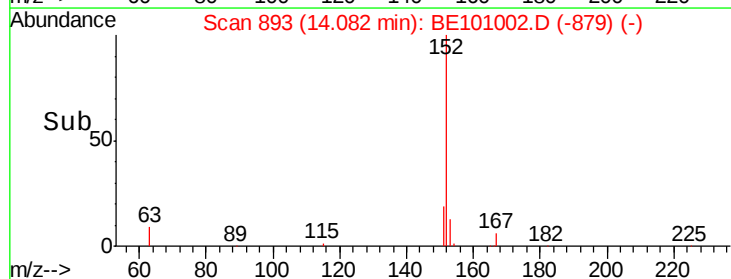
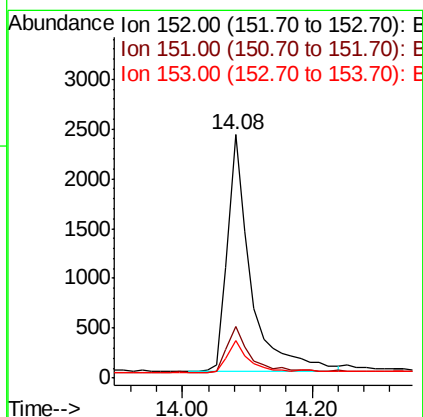
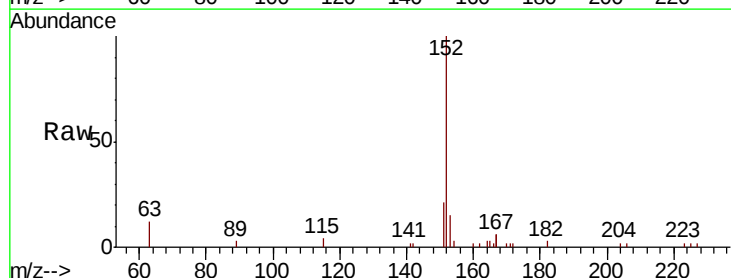
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

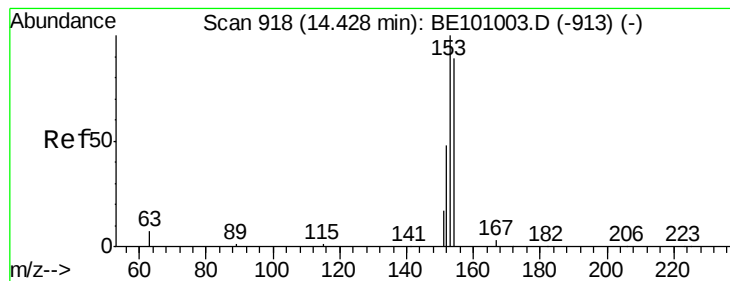
Tot Ion:172 Resp: 6294
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 24.5 18.9 28.3



#16
Acenaphthylene
Concen: 0.182 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101002.D
Acq: 8 Jan 2020 14:00

Tgt Ion:152 Resp: 5955
Ion Ratio Lower Upper
152 100
151 19.3 15.5 23.3
153 13.5 10.4 15.6





#17

Acenaphthene

Concen: 0.196 ng

RT: 14.43 min Scan# 917

Delta R.T. -0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

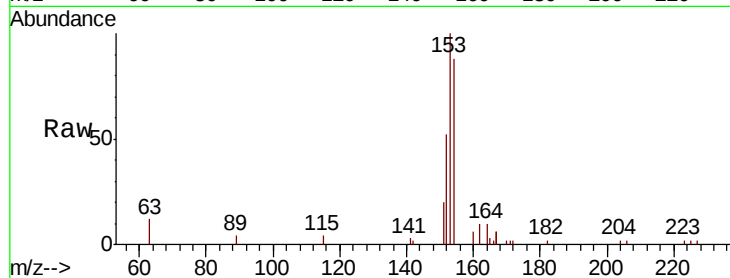
Tot Ion:154 Resp: 4661

Ion Ratio Lower Upper

154 100

153 115.9 93.6 140.4

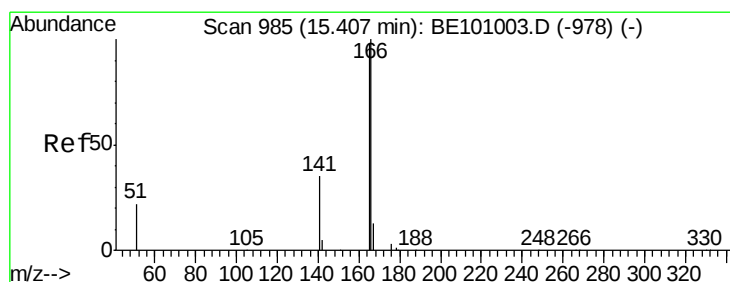
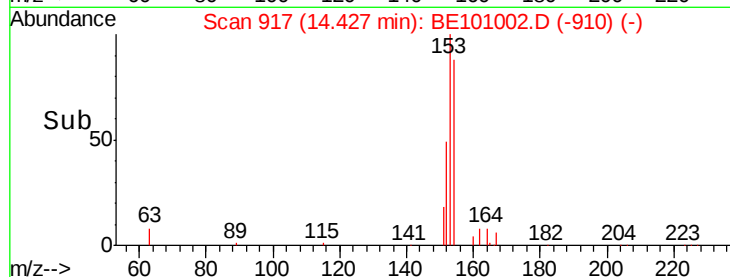
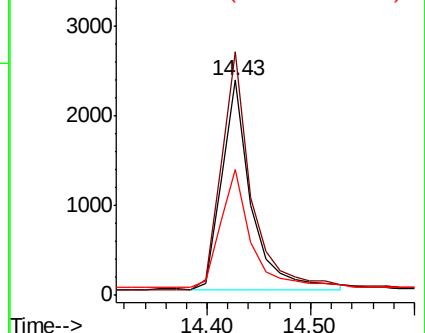
152 57.9 46.3 69.5



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: 0.191 ng

RT: 15.41 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

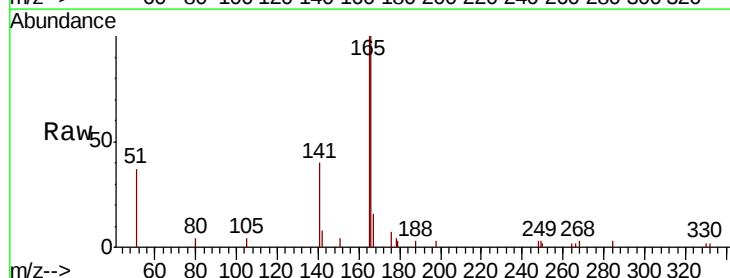
Tgt Ion:166 Resp: 5682

Ion Ratio Lower Upper

166 100

165 103.8 79.8 119.8

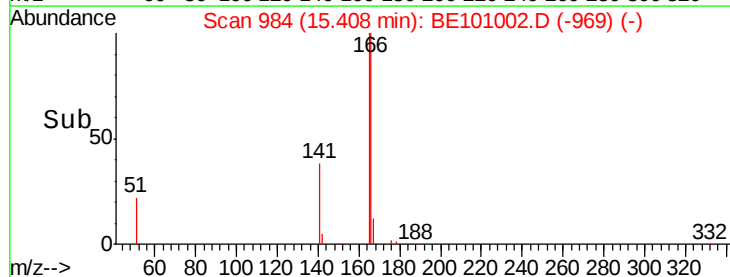
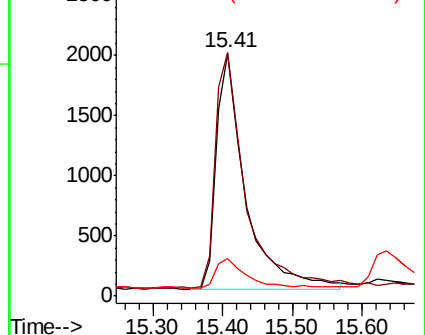
167 14.1 11.0 16.6

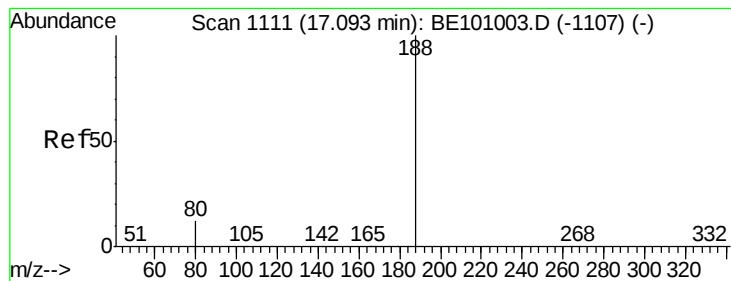


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE101002.D

Acq: 8 Jan 2020 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

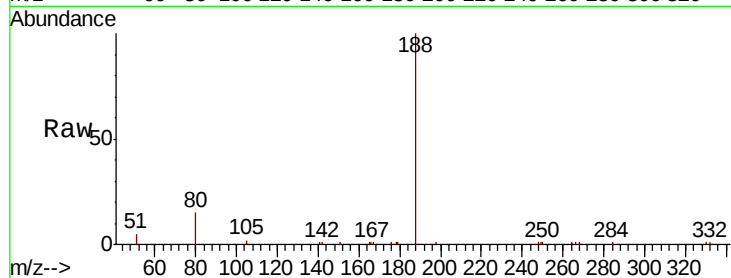
Tot Ion:188 Resp: 19836

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

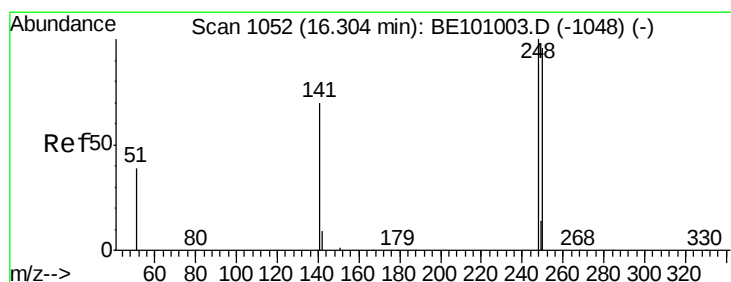
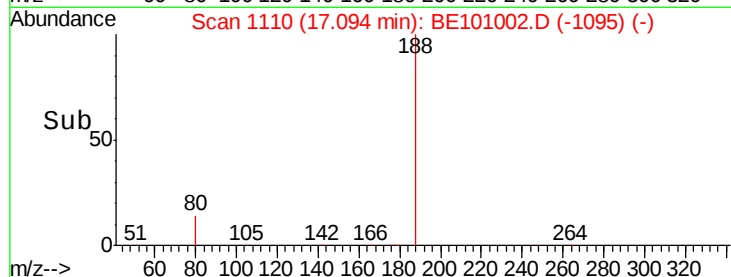
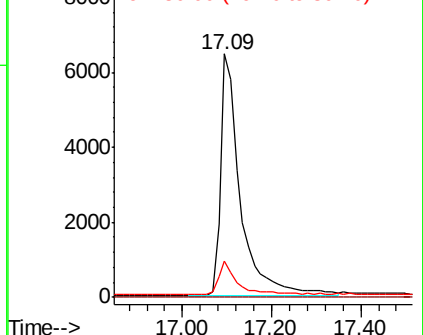
80 15.0 10.8 16.2



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



#20

4-Bromophenyl-phenylether

Concen: 0.190 ng

RT: 16.30 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

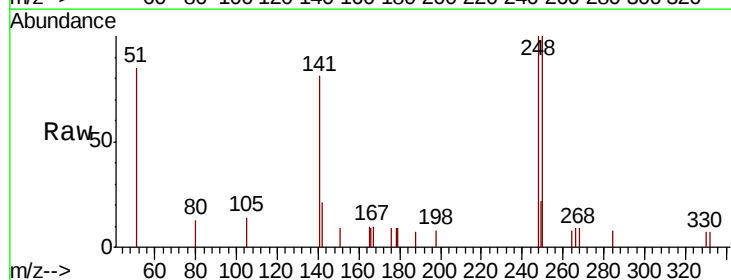
Tgt Ion:248 Resp: 1652

Ion Ratio Lower Upper

248 100

250 100.5 76.6 115.0

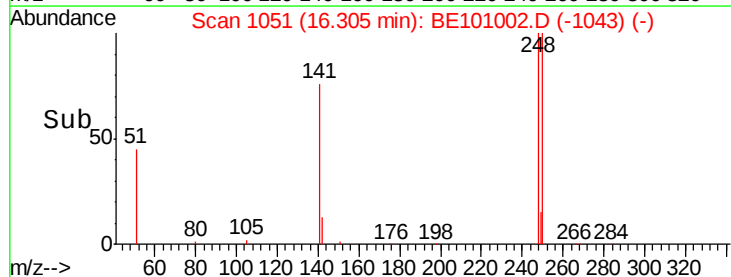
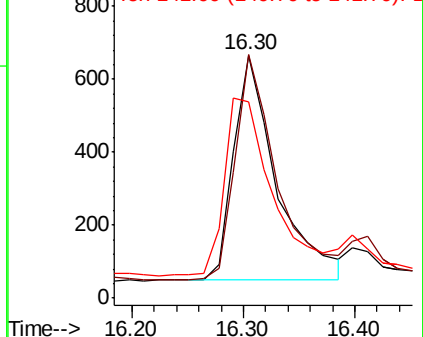
141 81.1 57.7 86.5



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

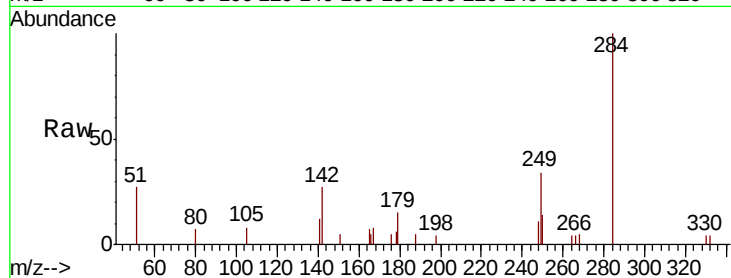




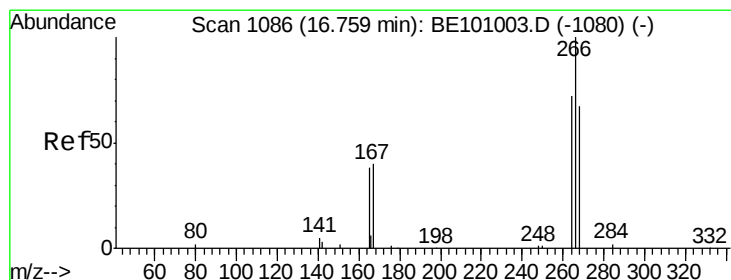
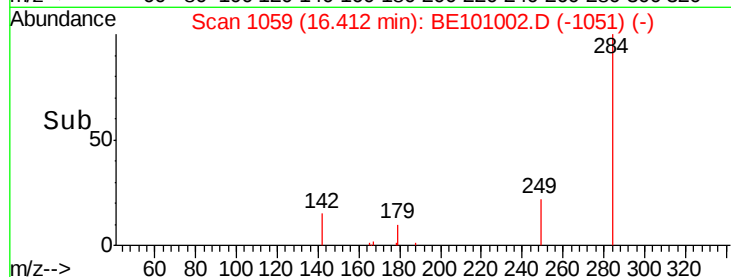
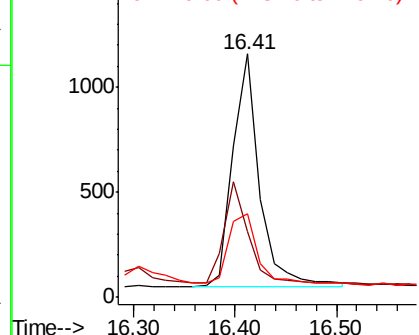
#21
Hexachlorobenzene
Concen: 0.198 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE101002.D
Acq: 8 Jan 2020 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:284 Resp: 2035
Ion Ratio Lower Upper
284 100
142 39.0 34.0 51.0
249 31.7 28.2 42.4

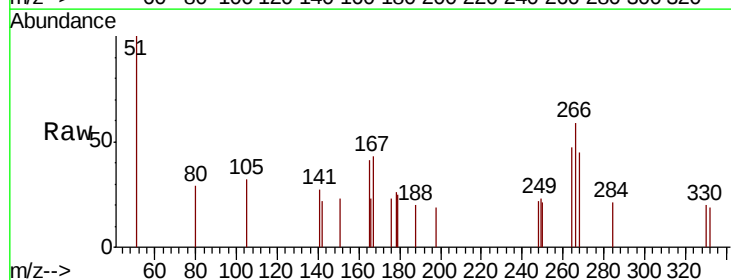


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

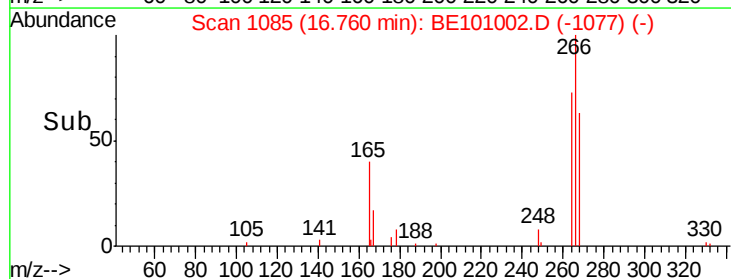
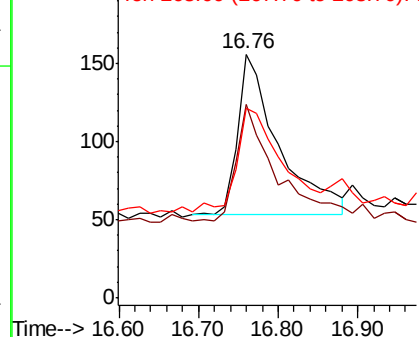


#22
Pentachlorophenol
Concen: 0.241 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101002.D
Acq: 8 Jan 2020 14:00

Tgt Ion:266 Resp: 370
Ion Ratio Lower Upper
266 100
264 79.5 61.0 91.4
268 77.6 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: 0.190 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

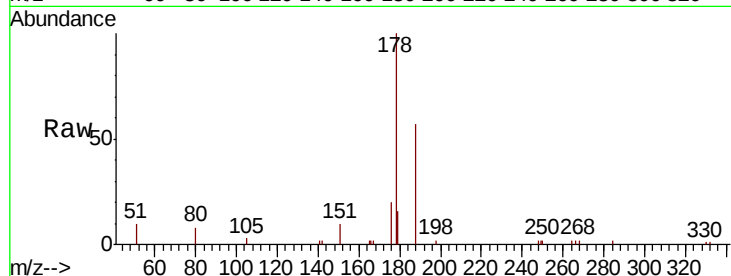
Tot Ion:178 Resp: 9729

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

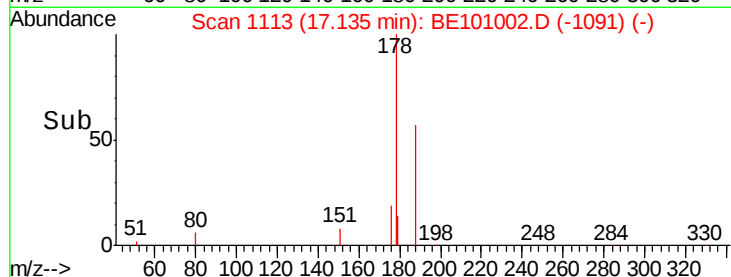
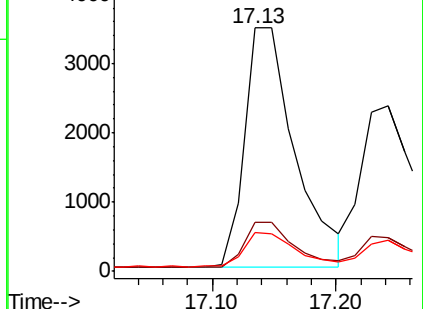
179 14.6 12.0 18.0



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: 0.174 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

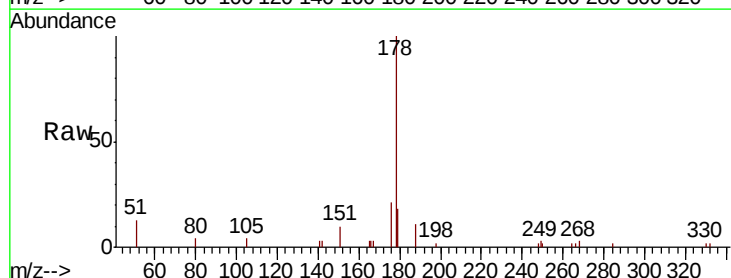
Tgt Ion:178 Resp: 8976

Ion Ratio Lower Upper

178 100

176 17.5 14.8 22.2

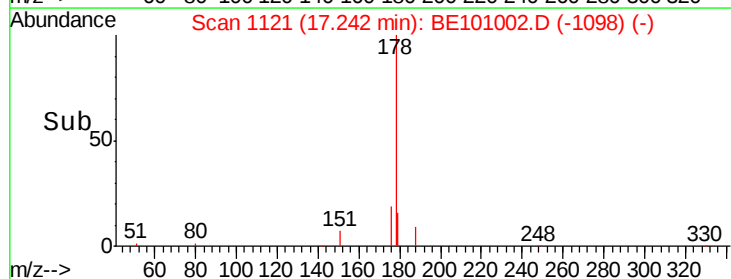
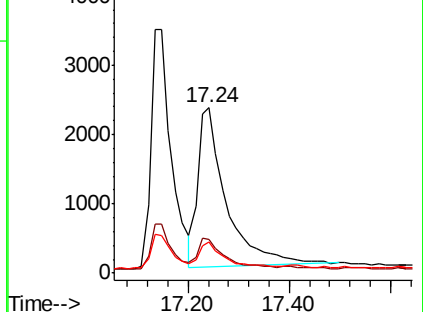
179 14.3 12.4 18.6

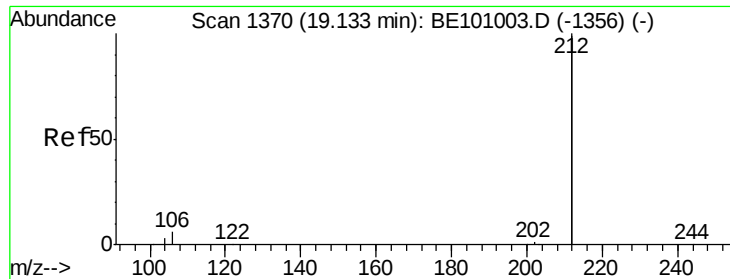


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.208 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

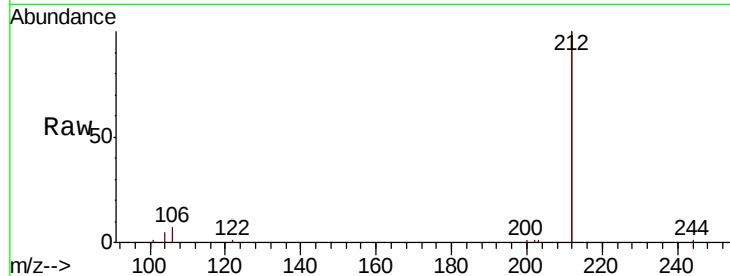
Tot Ion:212 Resp: 50051

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

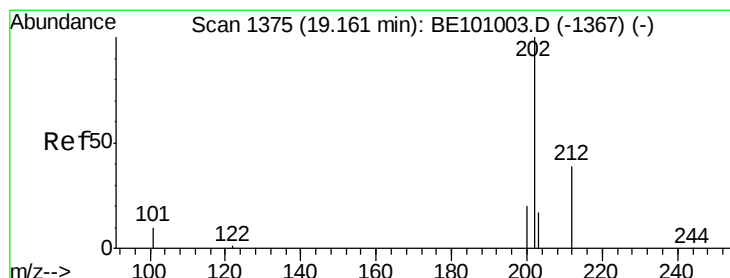
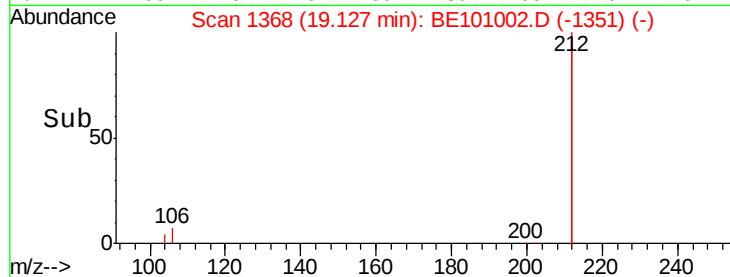
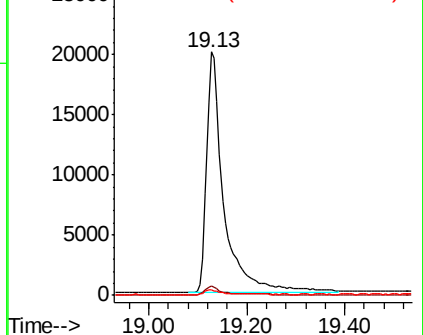
104 1.9 1.4 2.0



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: 0.171 ng

RT: 19.16 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

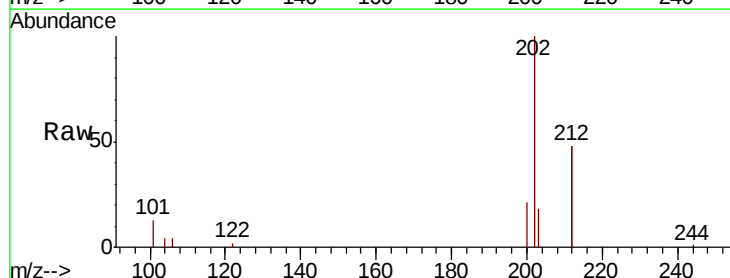
Tgt Ion:202 Resp: 11952

Ion Ratio Lower Upper

202 100

101 11.7 9.6 14.4

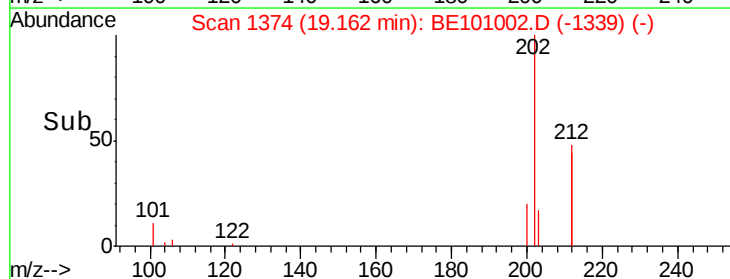
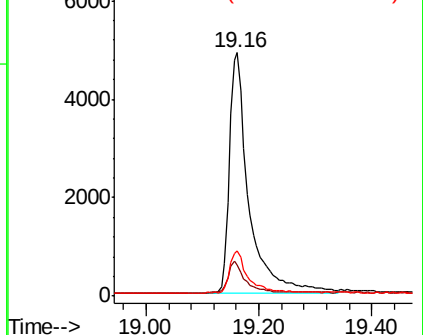
203 16.4 13.8 20.6



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: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

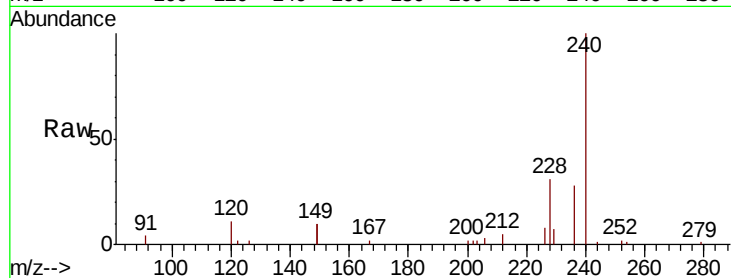
Tot Ion:240 Resp: 16459

Ion Ratio Lower Upper

240 100

120 10.6 8.6 13.0

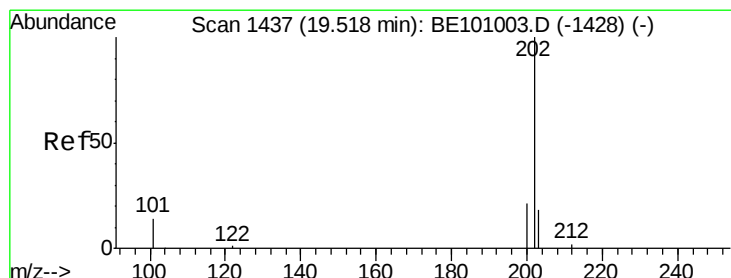
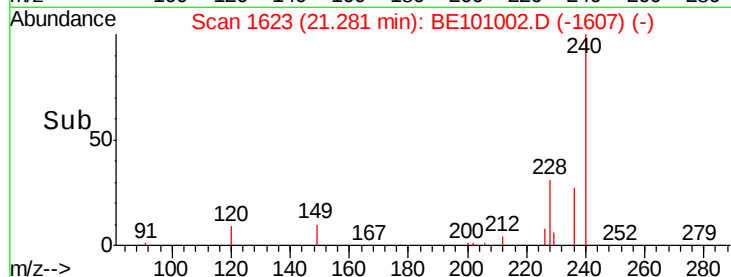
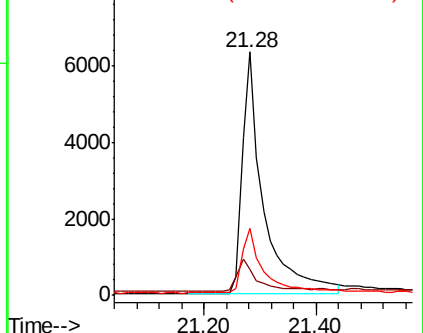
236 27.6 22.2 33.4



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: 0.210 ng

RT: 19.52 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

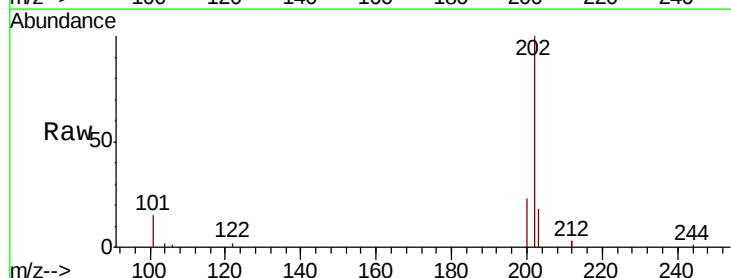
Tgt Ion:202 Resp: 12101

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

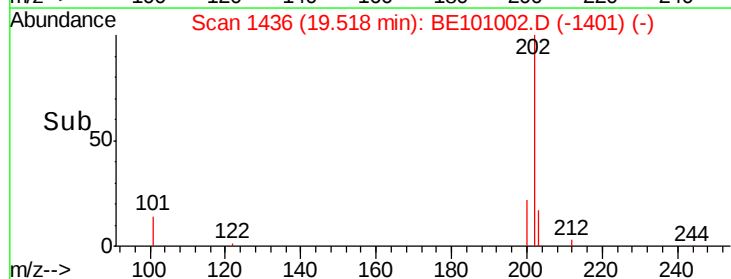
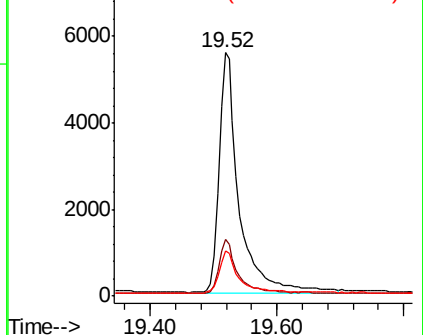
203 17.0 13.8 20.6



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: 0.208 ng

RT: 19.74 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

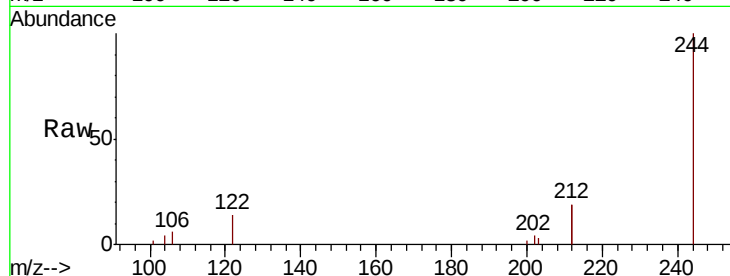
Tot Ion:244 Resp: 7854

Ion Ratio Lower Upper

244 100

212 38.3 27.2 40.8

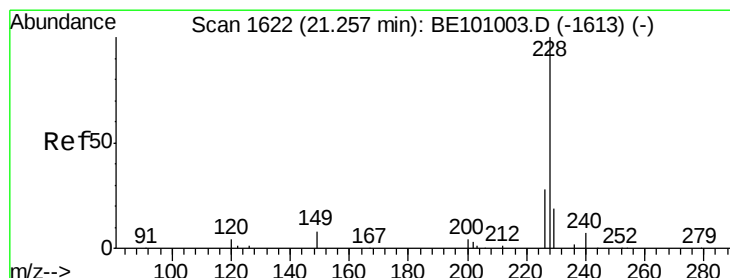
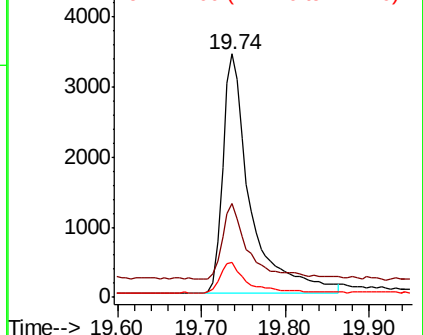
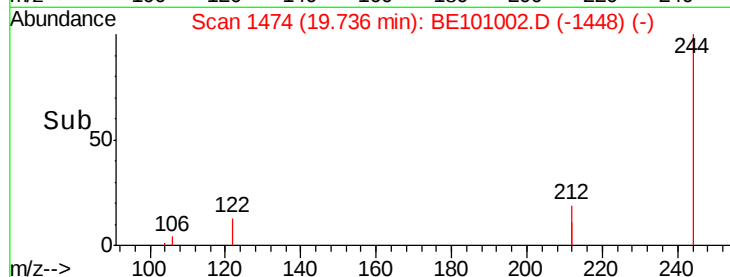
122 14.5 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.207 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.01 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

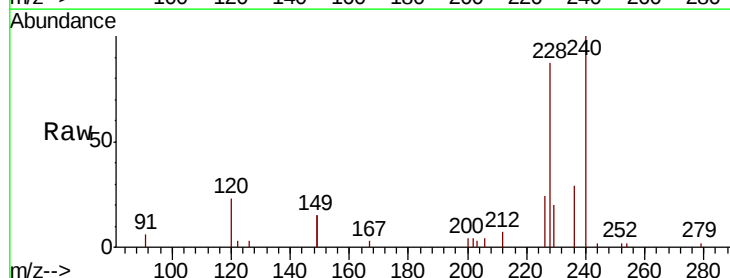
Tgt Ion:228 Resp: 8324

Ion Ratio Lower Upper

228 100

226 27.2 22.7 34.1

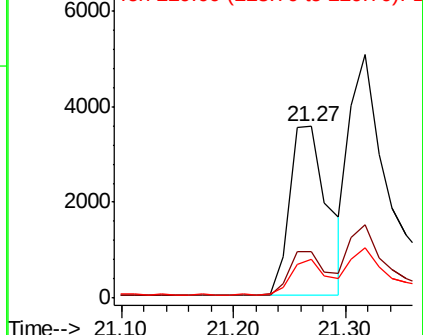
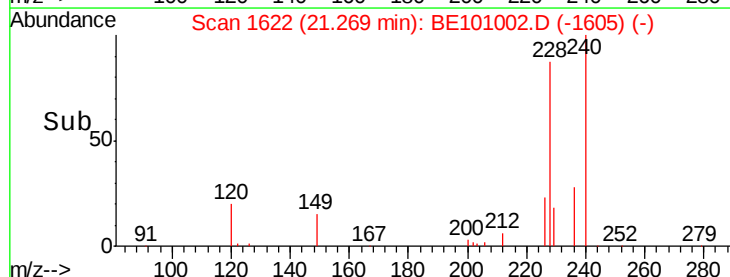
229 22.6 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.186 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

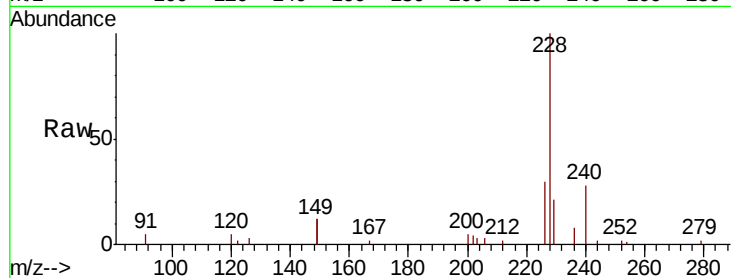
Tot Ion:228 Resp: 13961

Ion Ratio Lower Upper

228 100

226 30.3 23.5 35.3

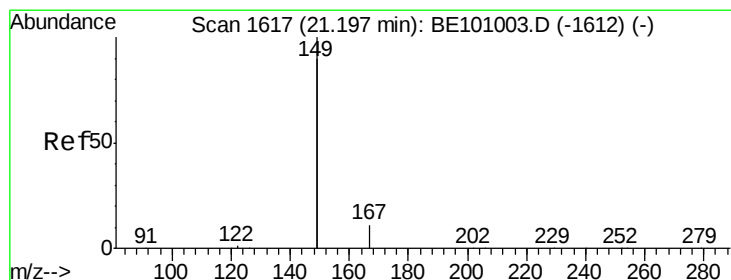
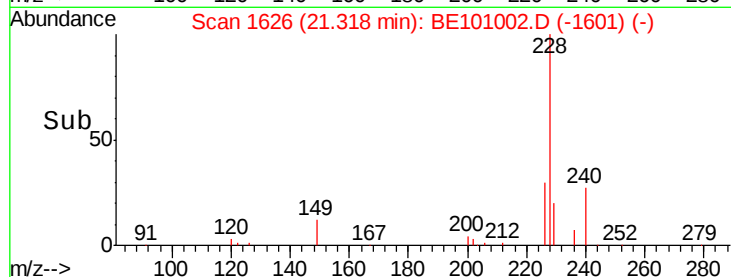
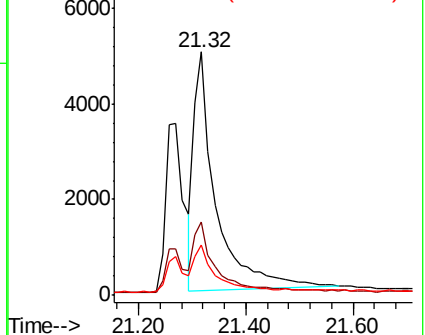
229 20.9 16.7 25.1



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: 0.155 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

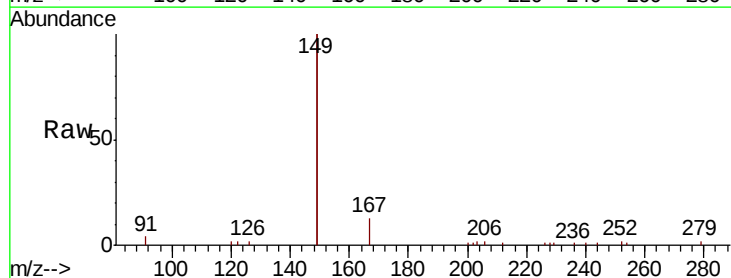
Tgt Ion:149 Resp: 13754

Ion Ratio Lower Upper

149 100

167 6.6 5.2 7.8

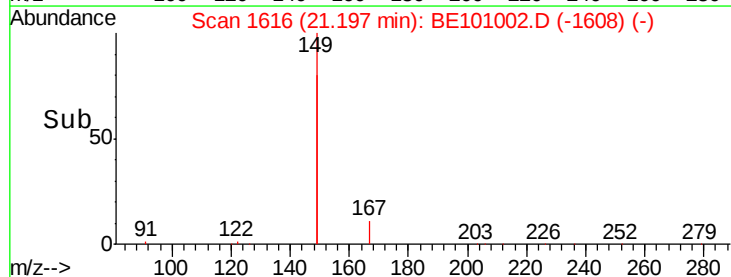
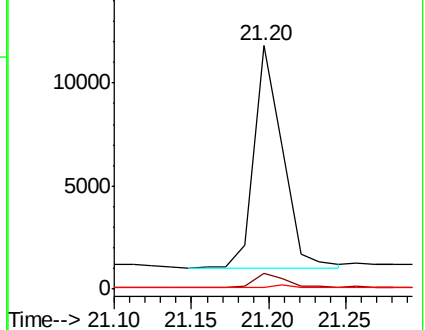
279 1.0 0.8 1.2



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: 0.180 ng

RT: 26.25 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

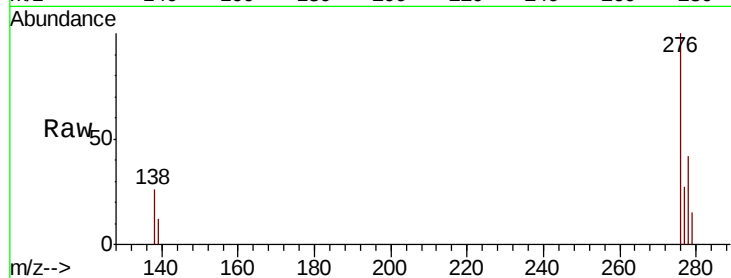
Tot Ion:276 Resp: 10189

Ion Ratio Lower Upper

276 100

138 21.0 16.1 24.1

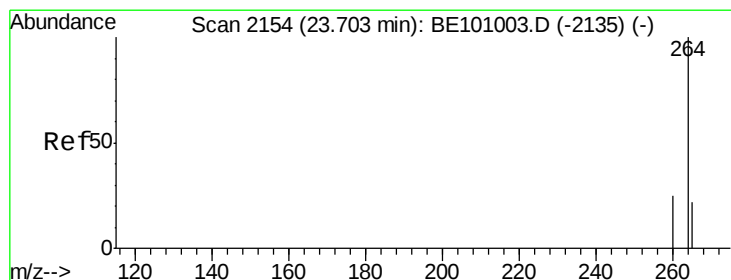
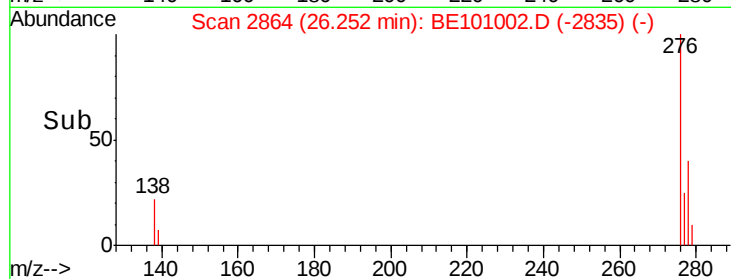
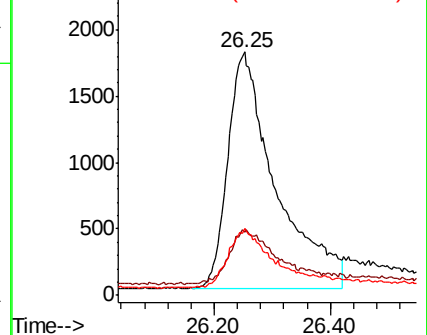
277 23.0 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.70 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

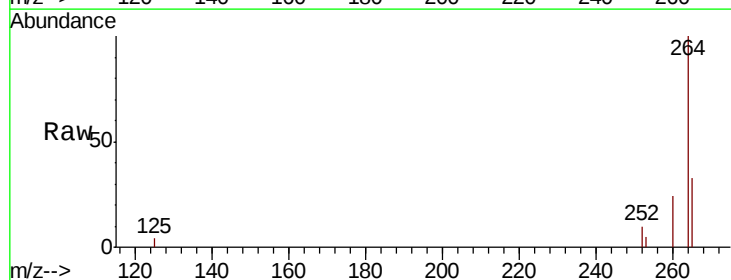
Tgt Ion:264 Resp: 18156

Ion Ratio Lower Upper

264 100

260 23.9 20.3 30.5

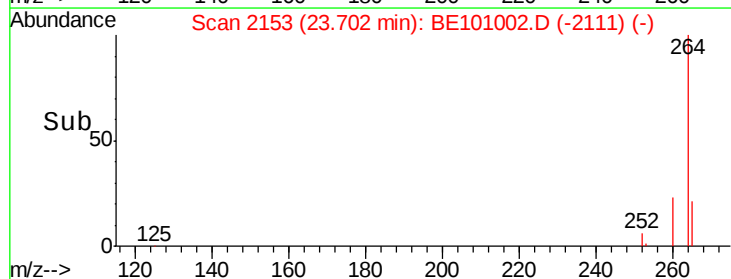
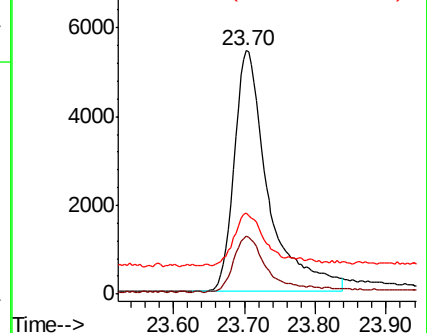
265 33.3 27.0 40.4

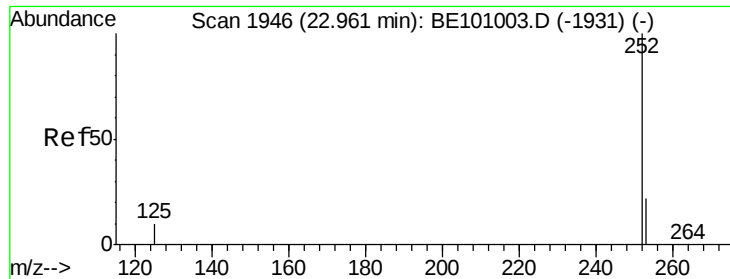


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

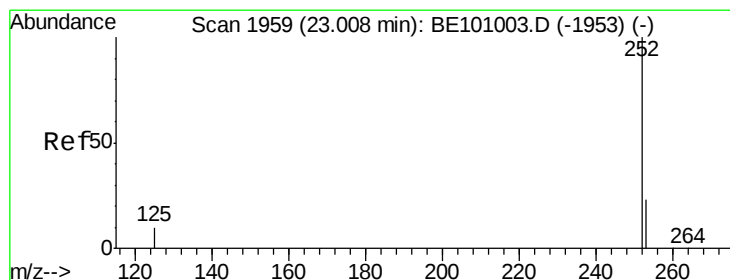
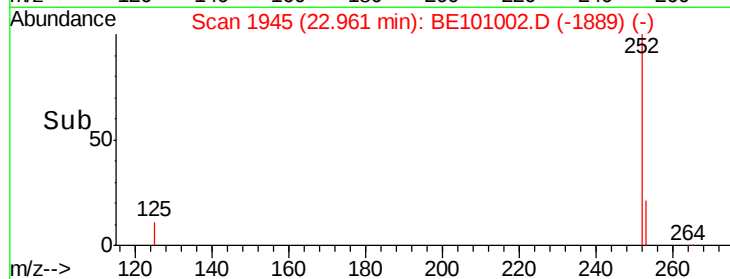
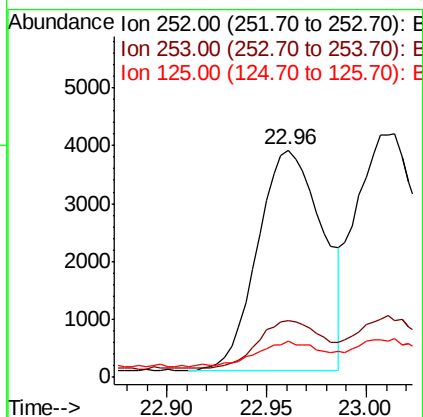
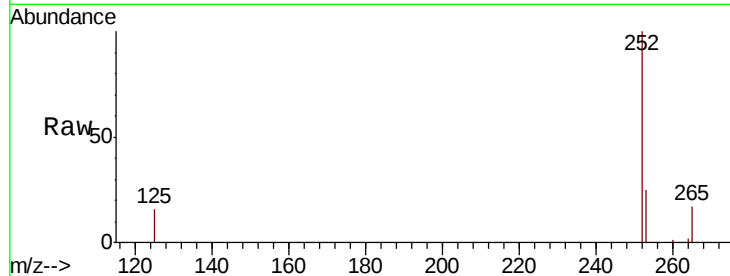




#35
Benzo(b)fluoranthene
Concen: 0.225 ng
RT: 22.96 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BE101002.D
Acq: 8 Jan 2020 14:00

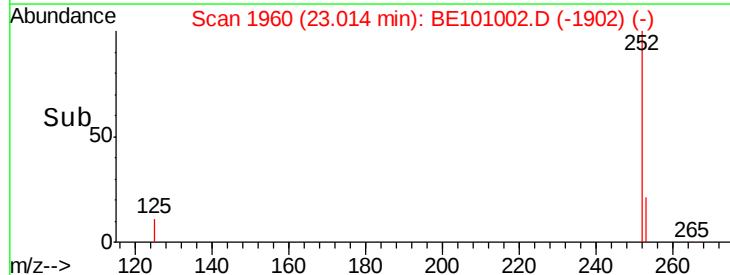
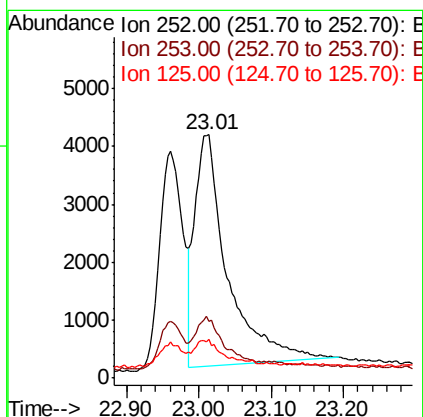
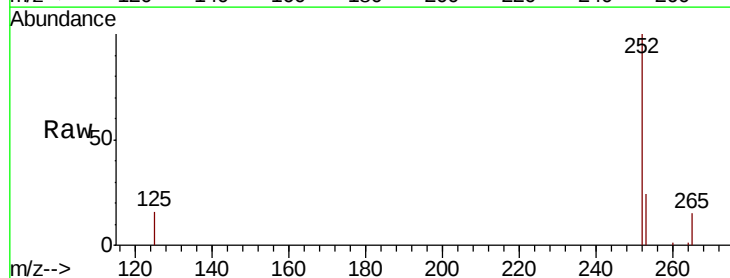
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:252 Resp: 8598
Ion Ratio Lower Upper
252 100
253 24.7 18.5 27.7
125 15.8 9.5 14.3#



#36
Benzo(k)fluoranthene
Concen: 0.175 ng
RT: 23.01 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BE101002.D
Acq: 8 Jan 2020 14:00

Tgt Ion:252 Resp: 12654
Ion Ratio Lower Upper
252 100
253 23.5 18.9 28.3
125 15.7 10.1 15.1#





#37

Benzo(a)pyrene

Concen: 0.180 ng

RT: 23.59 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

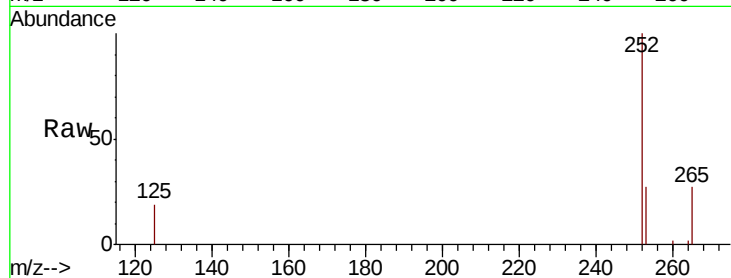
Tot Ion:252 Resp: 8049

Ion Ratio Lower Upper

252 100

253 26.8 19.4 29.2

125 18.6 11.8 17.6#

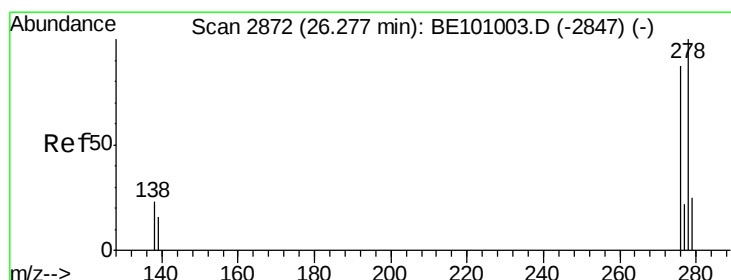
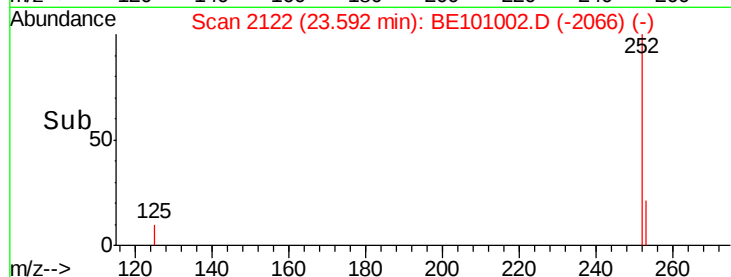
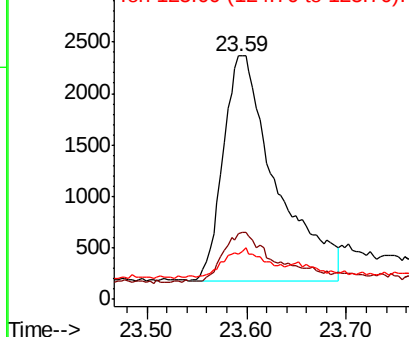


Abundance

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: 0.179 ng

RT: 26.28 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

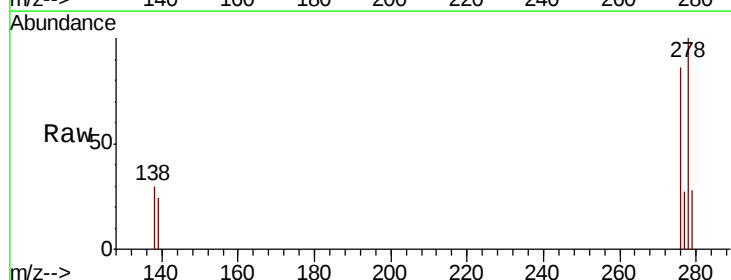
Tgt Ion:278 Resp: 7218

Ion Ratio Lower Upper

278 100

139 24.3 15.0 22.4#

279 27.5 22.6 33.8

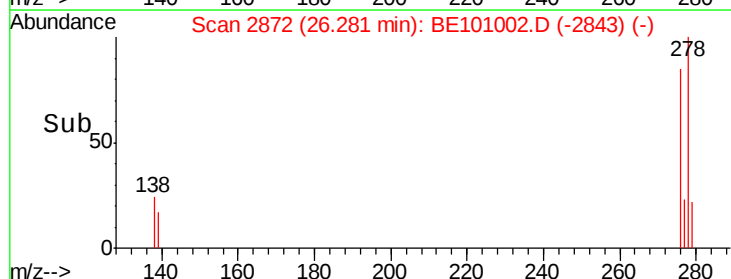
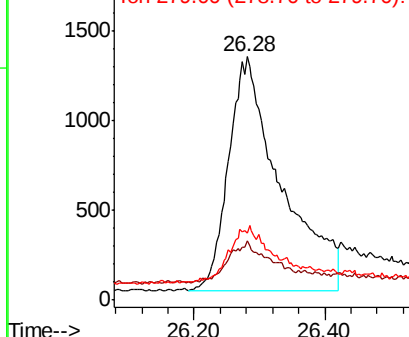


Abundance

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: 0.203 ng

RT: 27.02 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BE101002.D

Acq: 8 Jan 2020 14:00

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

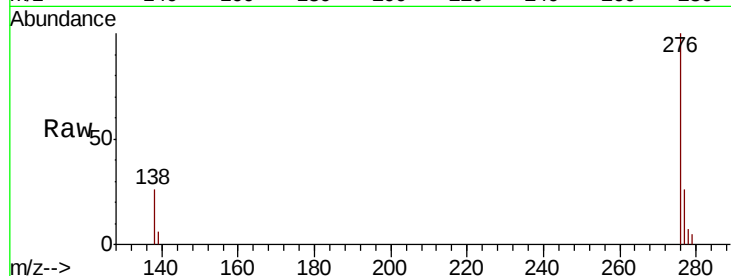
Tot Ion:276 Resp: 9651

Ion Ratio Lower Upper

276 100

277 26.1 19.4 29.2

138 25.7 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

