

Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE011320\
 Data File : BE101045.D
 Acq On : 13 Jan 2020 19:26
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jan 14 09:58:34 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	7.73	152	2957	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	14641	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	8738	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	19589	0.40	ng	0.00
27) Chrysene-d12	21.27	240	16035	0.40	ng	-0.01
34) Perylene-d12	23.70	264	18332	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	2306	0.35	ng	0.00
5) Phenol-d6	6.91	99	2824	0.34	ng	0.00
8) Nitrobenzene-d5	8.87	82	2902	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	11087	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	655	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	13664	0.41	ng	-0.01
25) Fluoranthene-d10	19.13	212	99328	0.37	ng	0.00
29) Terphenyl-d14	19.74	244	15787	0.40	ng	0.00

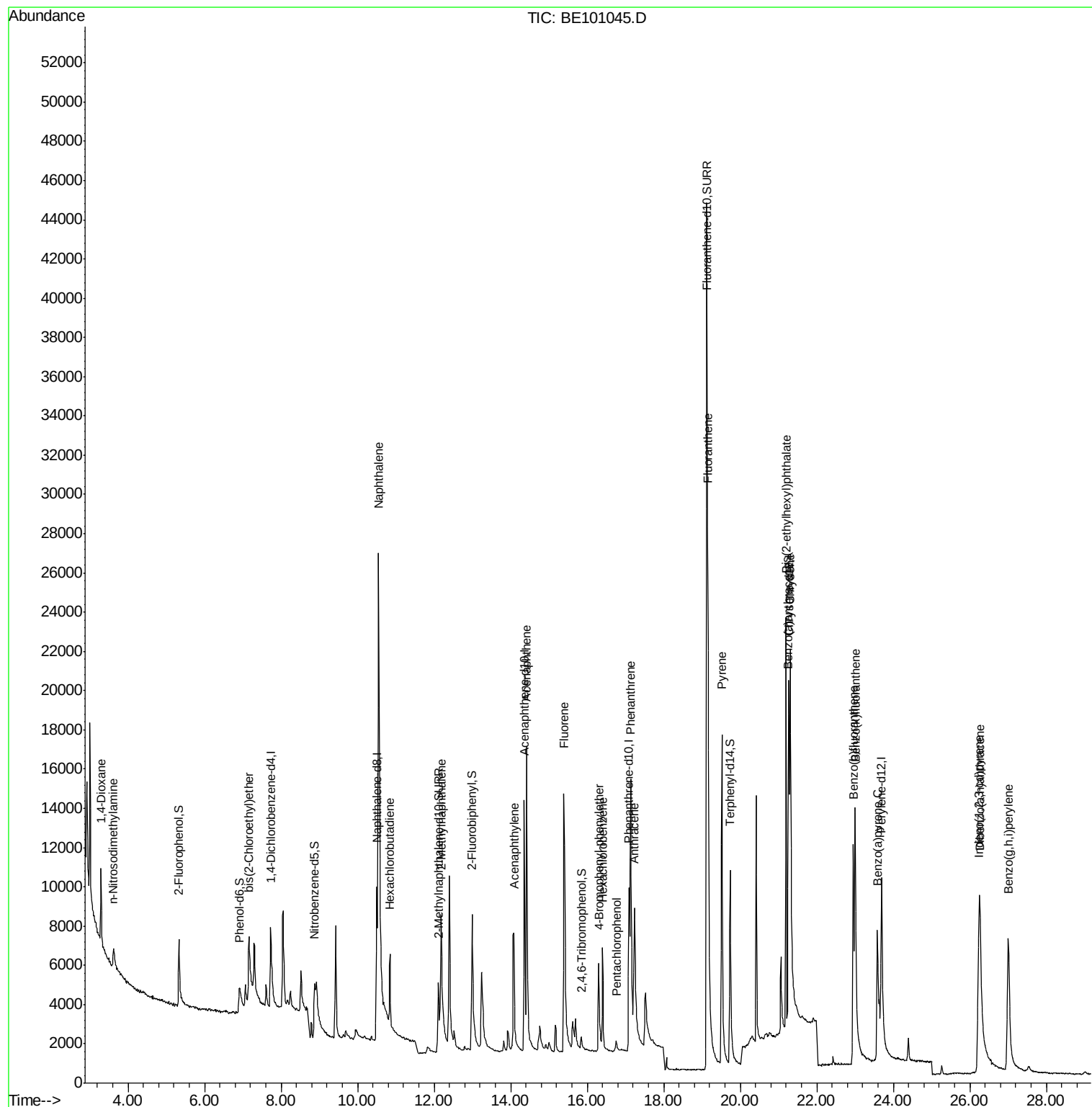
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	2997	0.429	ng	97
3) n-Nitrosodimethylamine	3.61	42	1099	0.267	ng	85
6) bis(2-Chloroethyl)ether	7.16	93	3117	0.311	ng	# 91
9) Naphthalene	10.55	128	64345	0.396	ng	100
10) Hexachlorobutadiene	10.85	225	2811	0.408	ng	98
12) 2-Methylnaphthalene	12.18	142	9207	0.374	ng	97
16) Acenaphthylene	14.08	152	11674	0.328	ng	99
17) Acenaphthene	14.41	154	10211	0.401	ng	98
18) Fluorene	15.39	166	12599	0.391	ng	100
20) 4-Bromophenyl-phenylether	16.30	248	3490	0.365	ng	97
21) Hexachlorobenzene	16.40	284	4238	0.404	ng	97
22) Pentachlorophenol	16.76	266	590	0.411	ng	92
23) Phenanthrene	17.13	178	20681	0.387	ng	100
24) Anthracene	17.23	178	18211	0.361	ng	99
26) Fluoranthene	19.16	202	24131	0.360	ng	99
28) Pyrene	19.52	202	24317	0.407	ng	99
30) Benzo(a)anthracene	21.26	228	15843	0.346	ng	99
31) Chrysene	21.31	228	29373	0.432	ng	98
32) Bis(2-ethylhexyl)phthalate	21.20	149	22783	0.299	ng	100
33) Indeno(1,2,3-cd)pyrene	26.23	276	22470	0.418	ng	96
35) Benzo(b)fluoranthene	22.95	252	17293	0.336	ng	100
36) Benzo(k)fluoranthene	23.00	252	26414	0.355	ng	97
37) Benzo(a)pyrene	23.58	252	18905	0.380	ng	99
38) Dibenzo(a,h)anthracene	26.26	278	17139	0.375	ng	98
39) Benzo(g,h,i)perylene	27.00	276	21384	0.380	ng	99

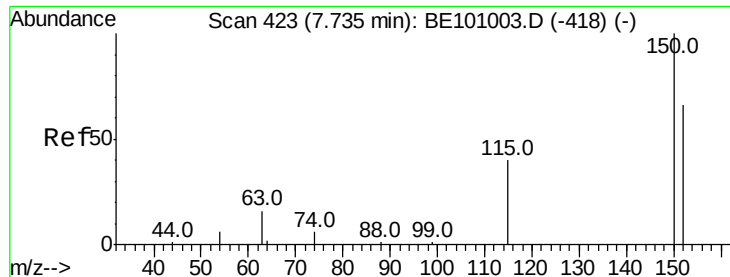
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.73 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

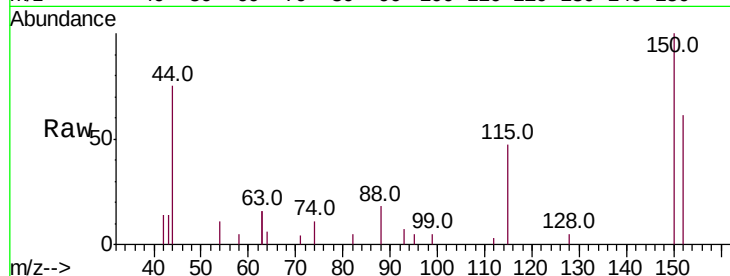
Tot Ion:152 Resp: 2957

Ion Ratio Lower Upper

152 100

150 162.9 120.3 180.5

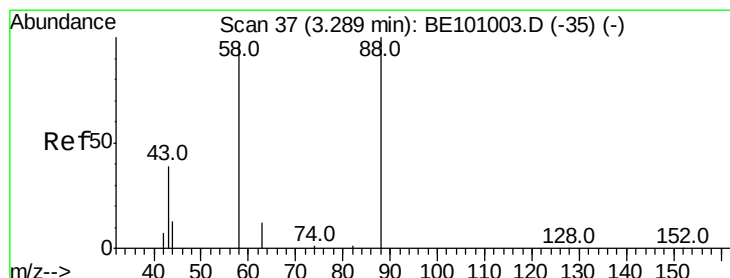
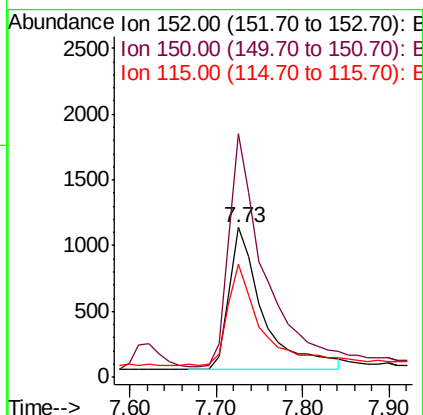
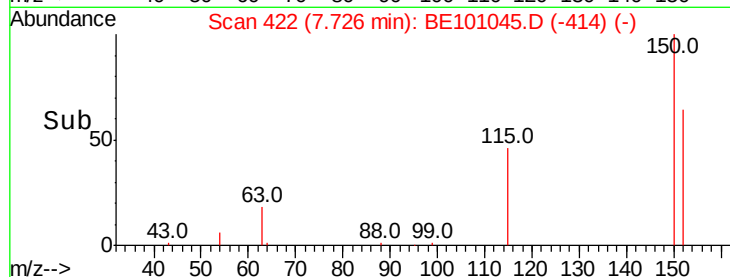
115 75.9 51.7 77.5



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: 0.429 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

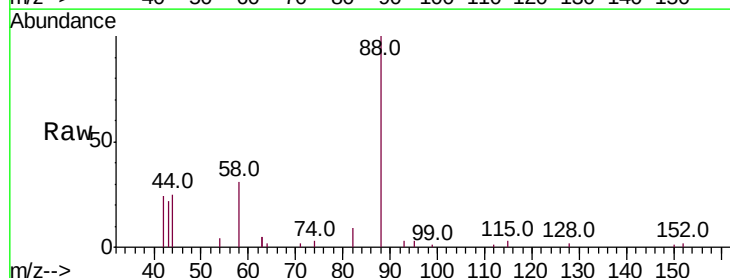
Tgt Ion: 88 Resp: 2997

Ion Ratio Lower Upper

88 100

58 63.1 53.0 79.4

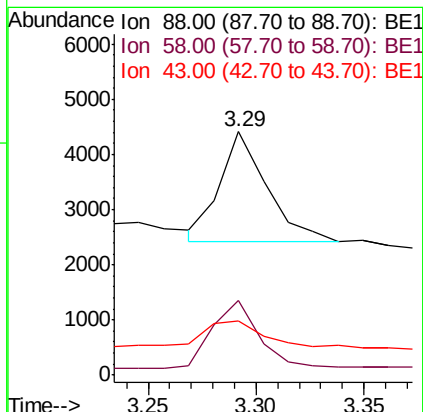
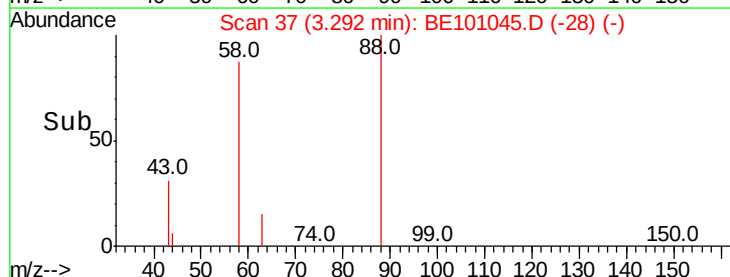
43 29.0 23.4 35.2

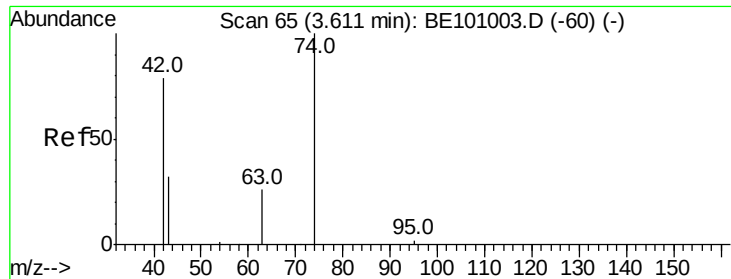


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.267 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

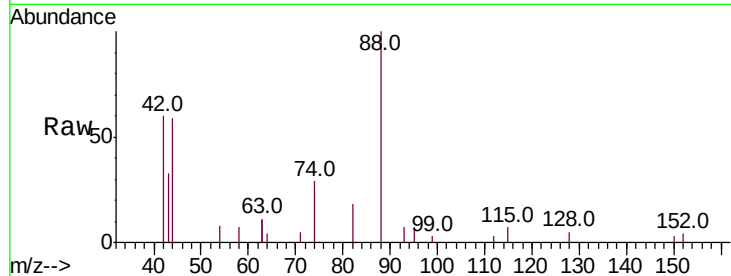
Tot Ion: 42 Resp: 1099

Ion Ratio Lower Upper

42 100

74 113.0 105.7 158.5

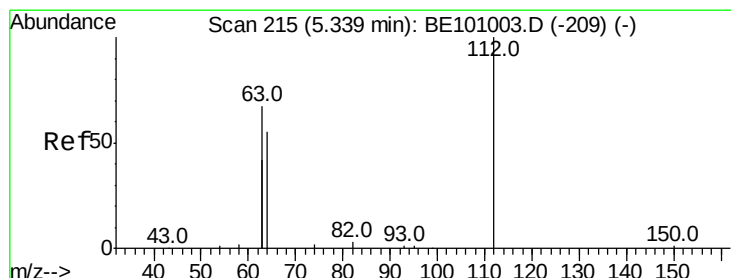
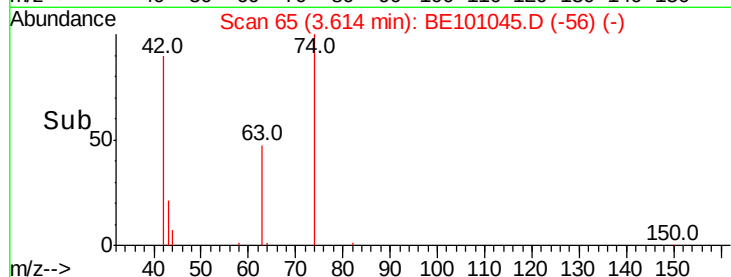
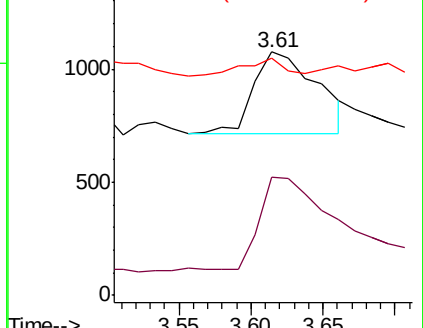
44 13.6 10.0 15.0



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: 0.346 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

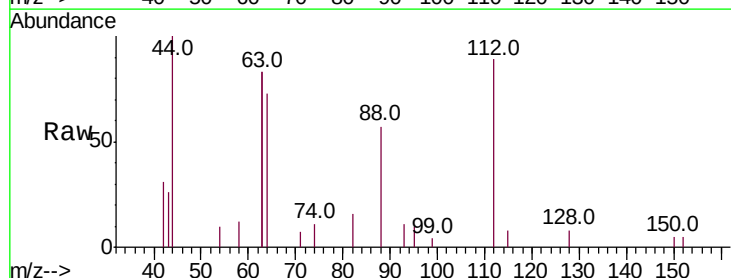
Tgt Ion: 112 Resp: 2306

Ion Ratio Lower Upper

112 100

64 70.3 53.6 80.4

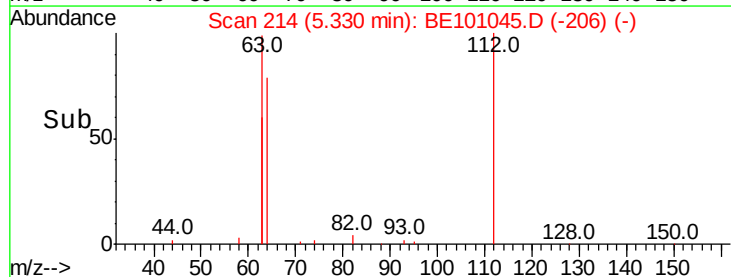
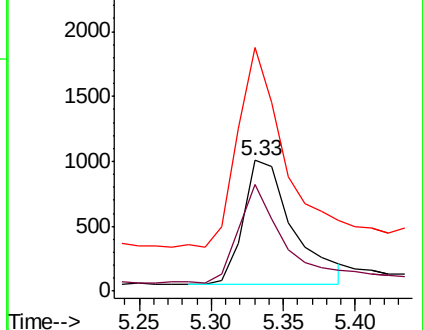
63 152.6 114.6 172.0

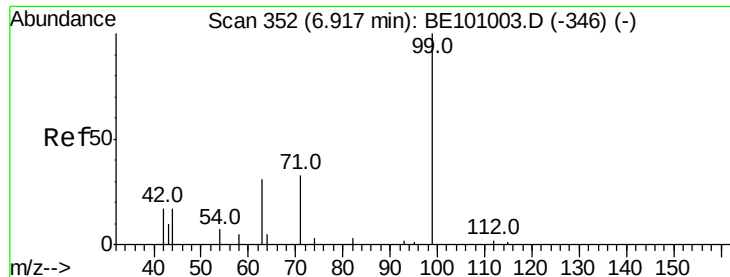


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.335 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

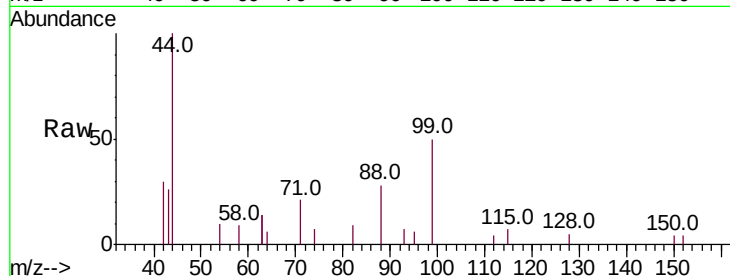
Tot Ion: 99 Resp: 2824

Ion Ratio Lower Upper

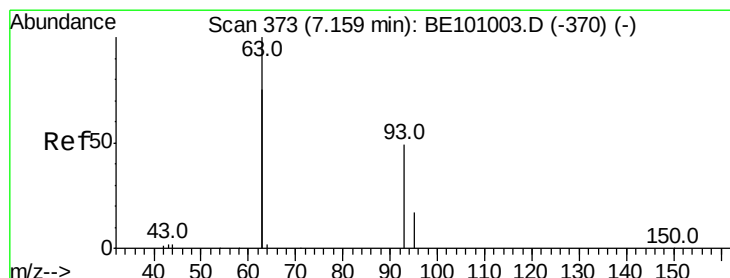
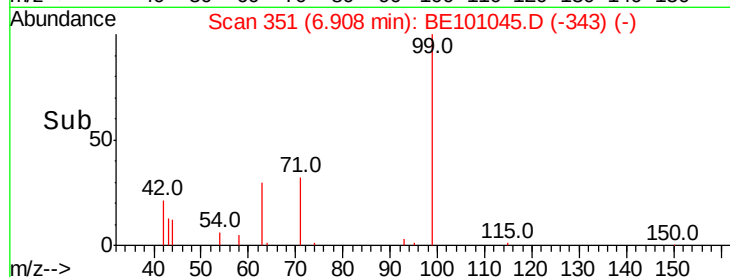
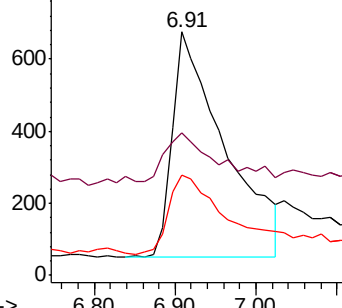
99 100

42 21.3 18.3 27.5

71 39.3 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: 0.311 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

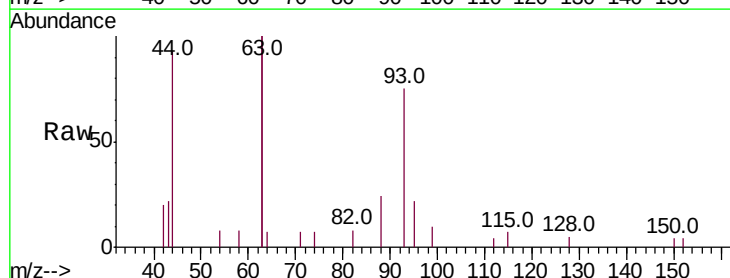
Tgt Ion: 93 Resp: 3117

Ion Ratio Lower Upper

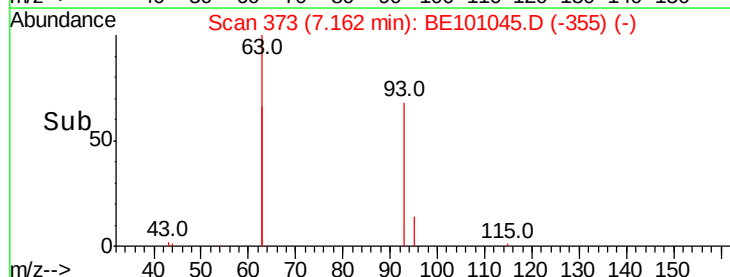
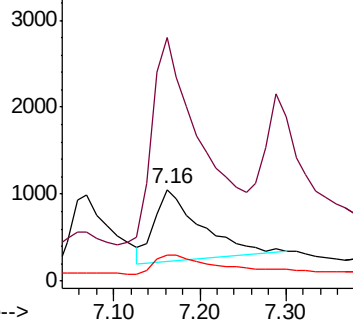
93 100

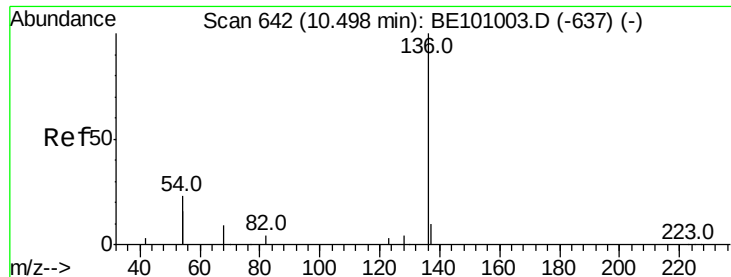
63 308.3 233.9 350.9

95 36.2 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: BE101045.D

Acq: 13 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 14641

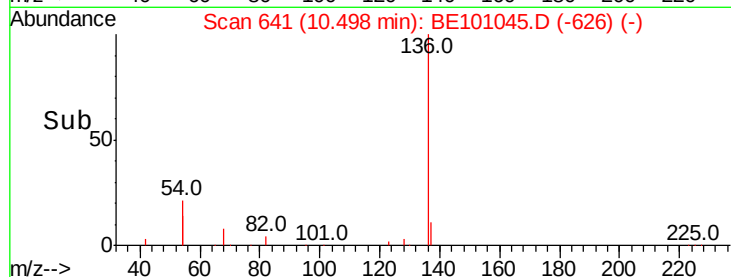
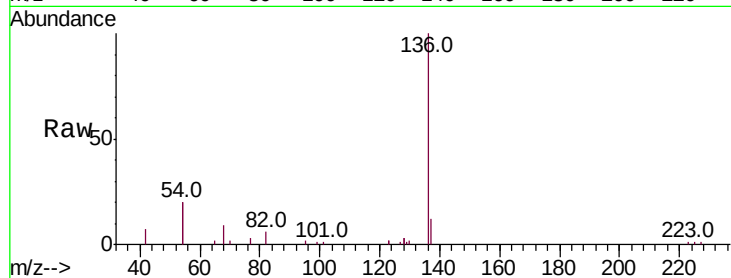
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 41.0 36.8 55.2

68 9.0 8.4 12.6

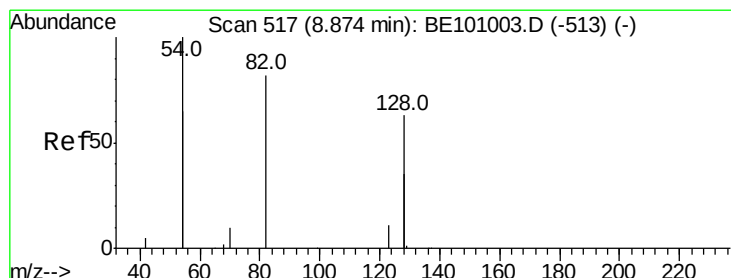
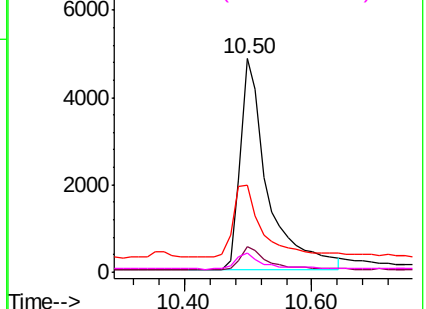


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.277 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

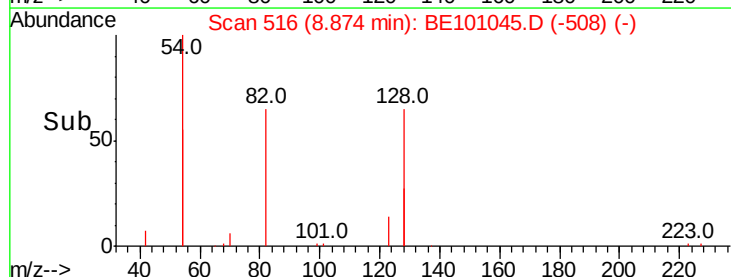
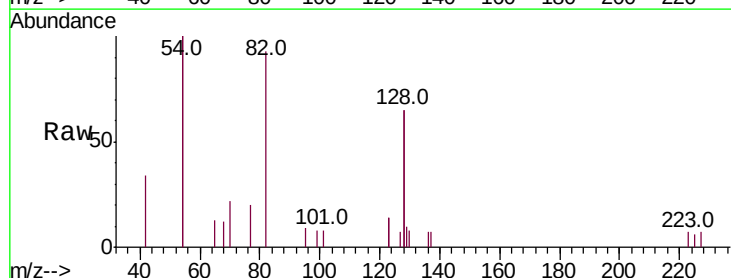
Tgt Ion: 82 Resp: 2902

Ion Ratio Lower Upper

82 100

128 139.1 109.8 164.6

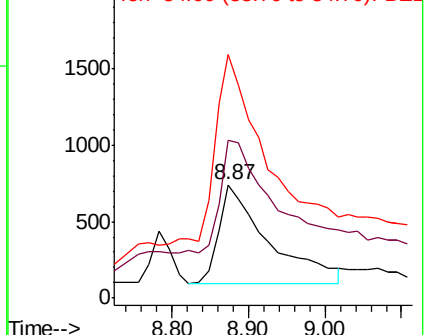
54 214.6 174.5 261.7

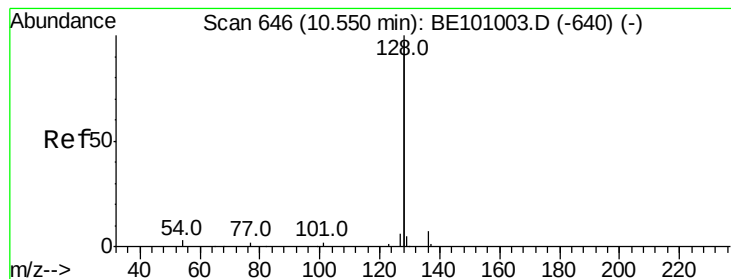


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.396 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

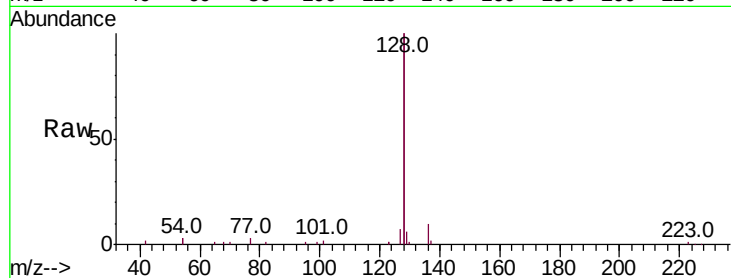
Tot Ion:128 Resp: 64345

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

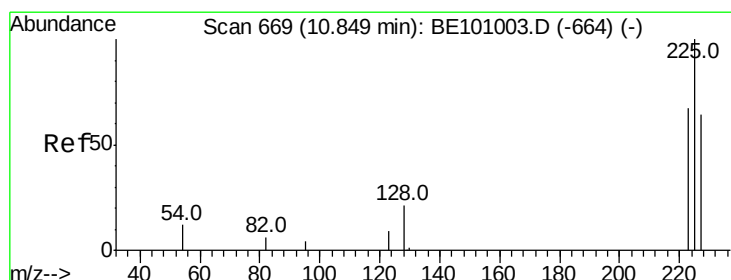
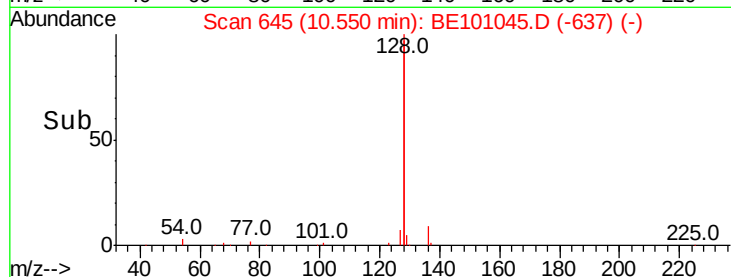
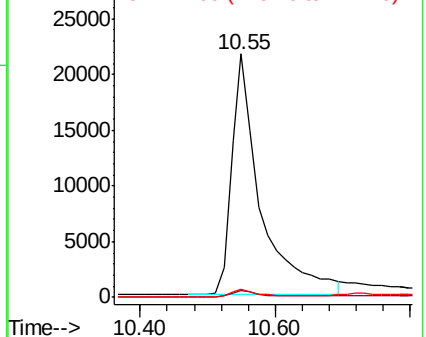
127 3.6 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.408 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

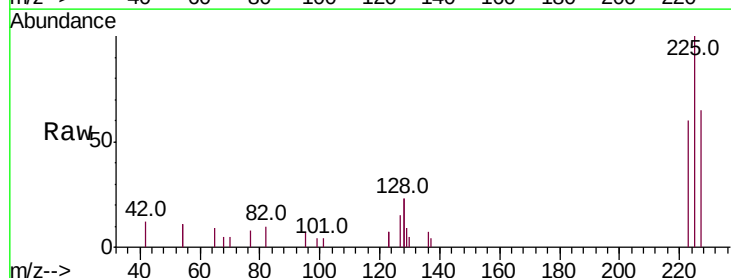
Tgt Ion:225 Resp: 2811

Ion Ratio Lower Upper

225 100

223 63.3 52.2 78.4

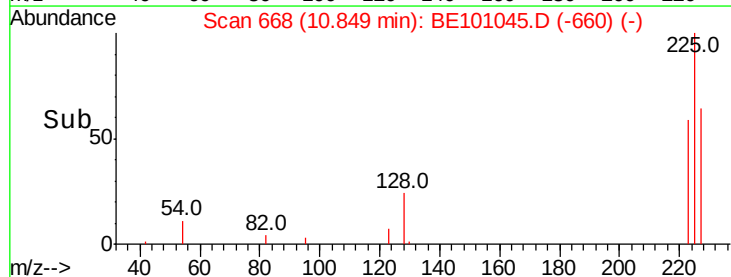
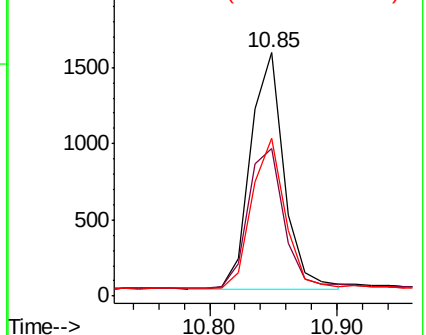
227 63.3 49.9 74.9

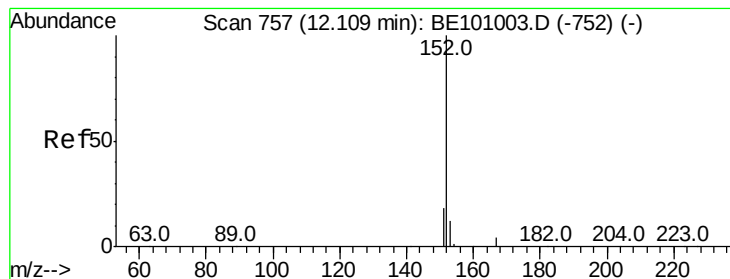


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.397 ng

RT: 12.11 min Scan# 756

Delta R.T. 0.00 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

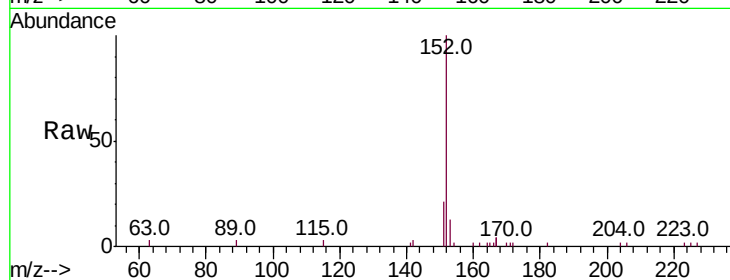
SSTDCCC0.4EC

Tot Ion:152 Resp: 11087

Ion Ratio Lower Upper

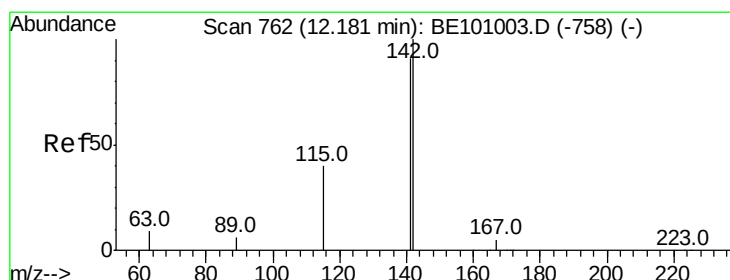
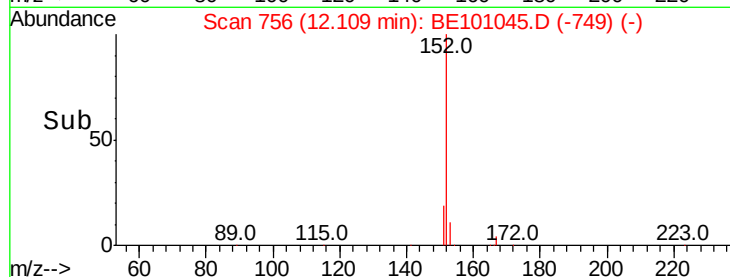
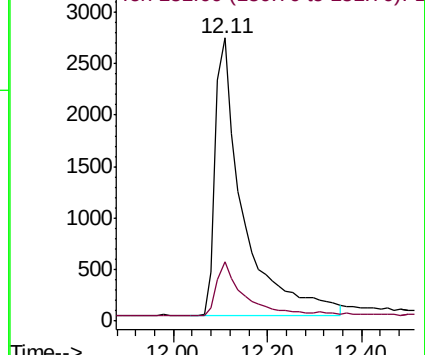
152 100

151 18.6 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.374 ng

RT: 12.18 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

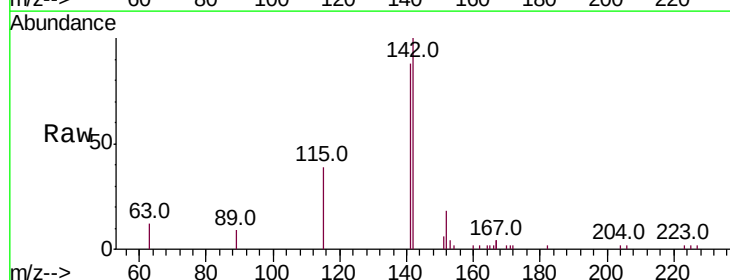
Tgt Ion:142 Resp: 9207

Ion Ratio Lower Upper

142 100

141 88.3 72.5 108.7

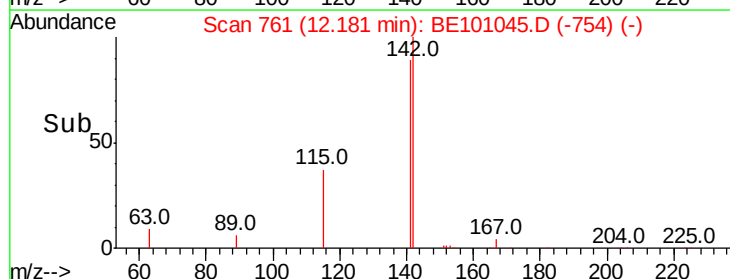
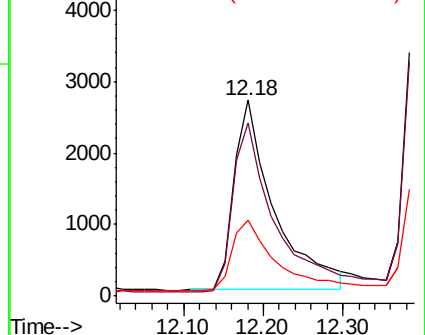
115 38.9 33.0 49.6

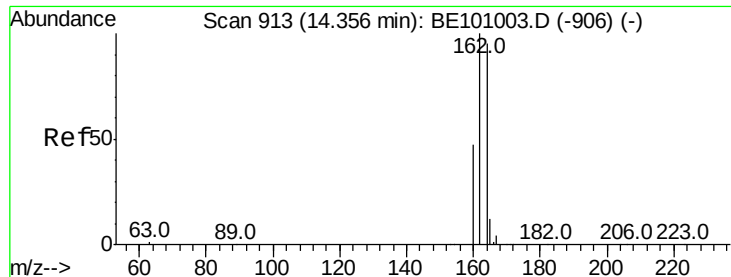


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

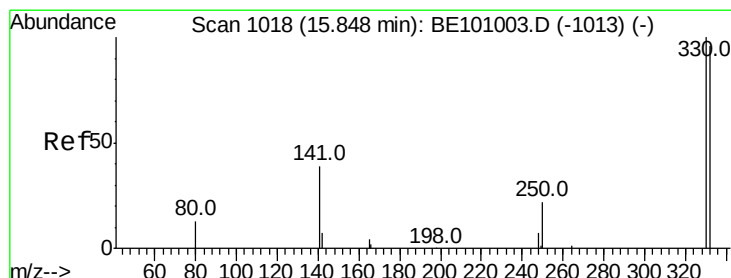
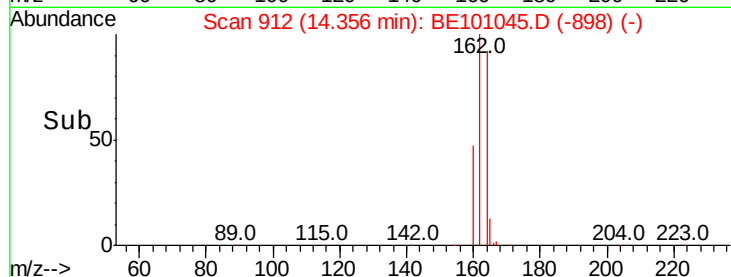
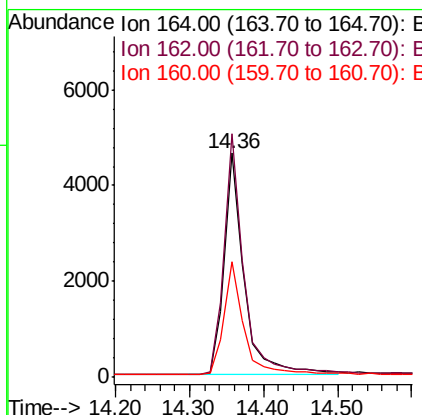
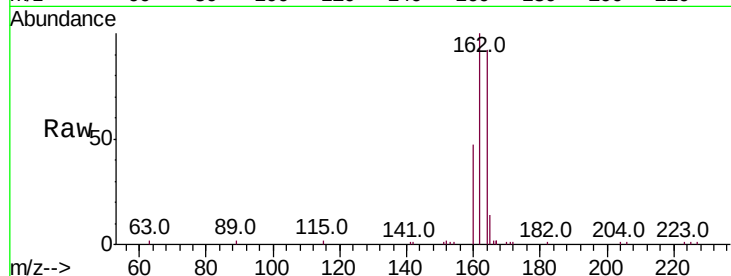




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BE101045.D
 Acq: 13 Jan 2020 19:26

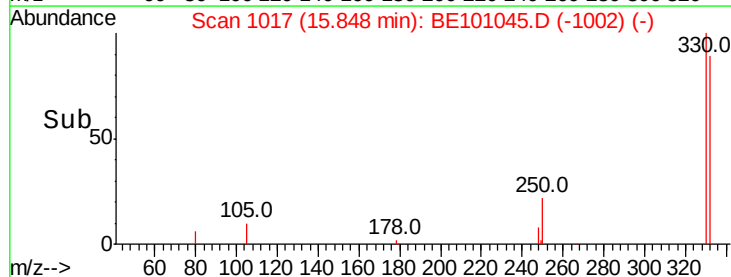
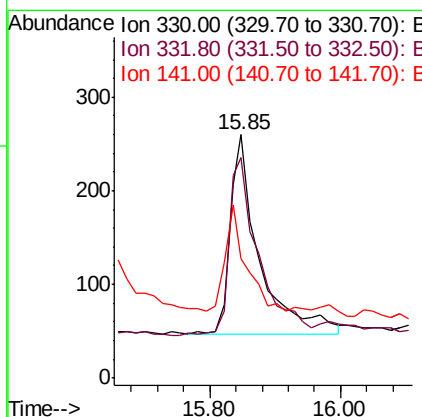
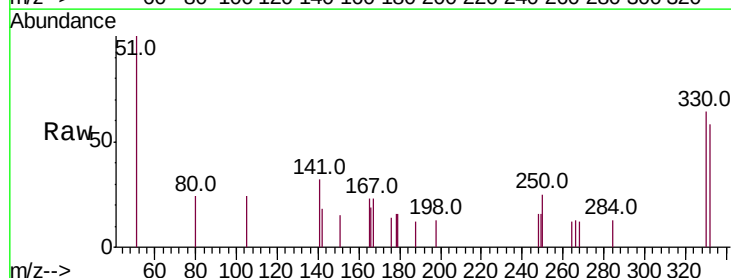
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

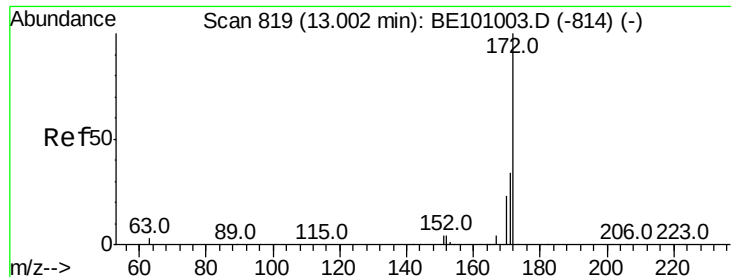
Tot Ion:164 Resp: 8738
 Ion Ratio Lower Upper
 164 100
 162 108.6 84.1 126.1
 160 51.4 40.4 60.6



#14
 2,4,6-Tribromophenol
 Concen: 0.266 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BE101045.D
 Acq: 13 Jan 2020 19:26

Tgt Ion:330 Resp: 655
 Ion Ratio Lower Upper
 330 100
 332 91.8 78.4 117.6
 141 39.7 37.0 55.4

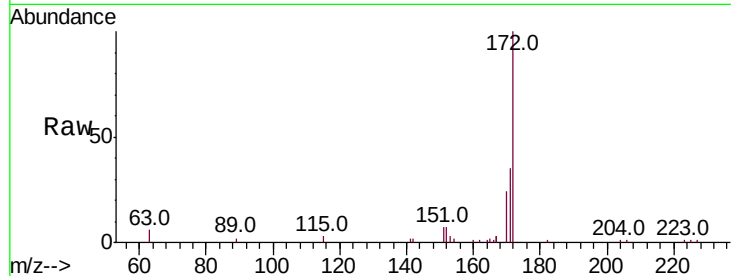




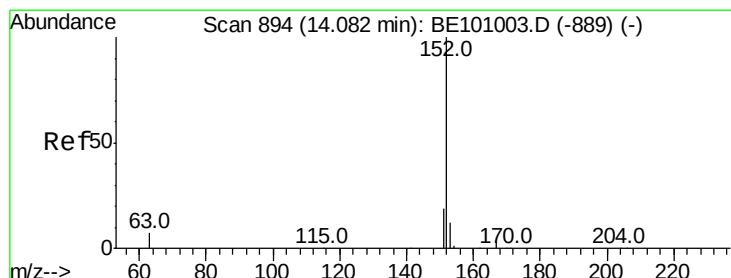
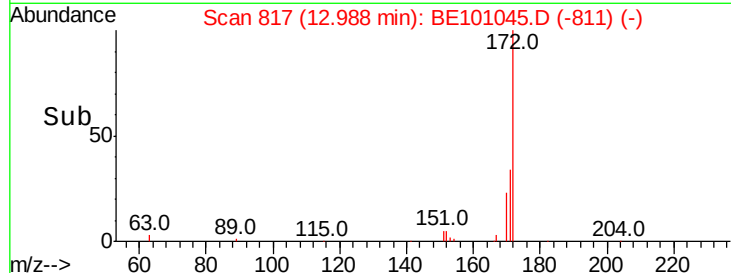
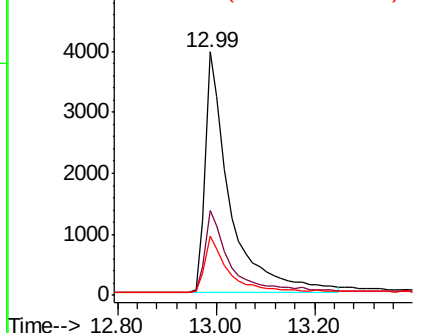
#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101045.D
Acq: 13 Jan 2020 19:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 13664
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 24.4 18.9 28.3

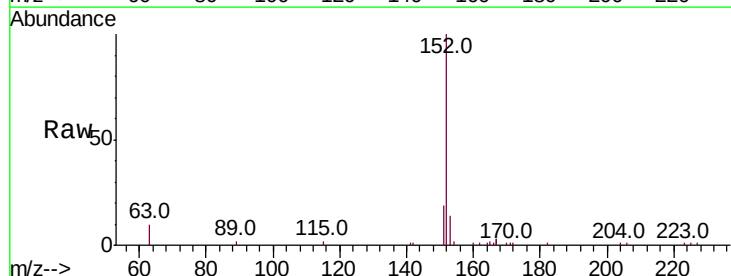


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

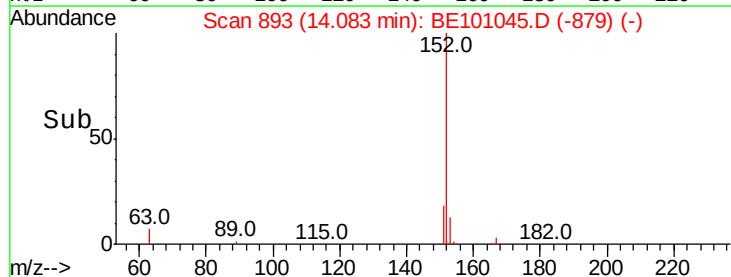
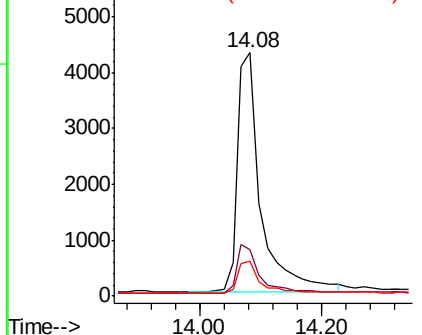


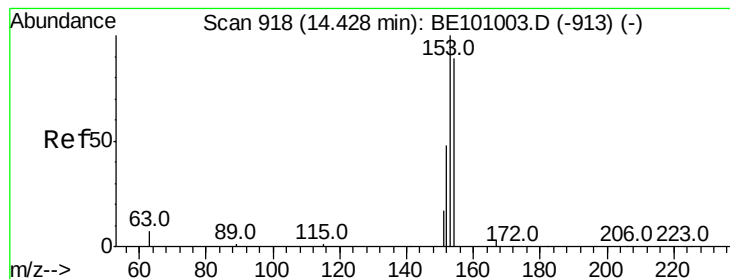
#16
Acenaphthylene
Concen: 0.328 ng
RT: 14.08 min Scan# 893
Delta R.T. 0.00 min
Lab File: BE101045.D
Acq: 13 Jan 2020 19:26

Tgt Ion:152 Resp: 11674
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 13.4 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: 0.401 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.01 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

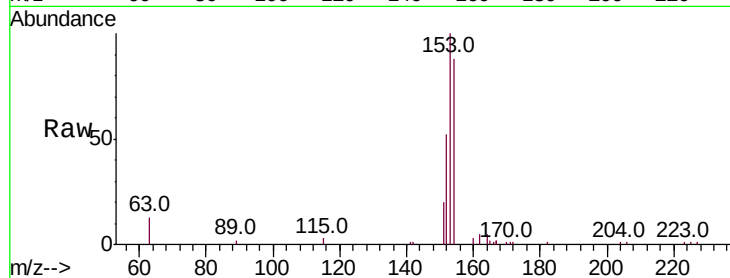
Tot Ion:154 Resp: 10211

Ion Ratio Lower Upper

154 100

153 115.1 93.6 140.4

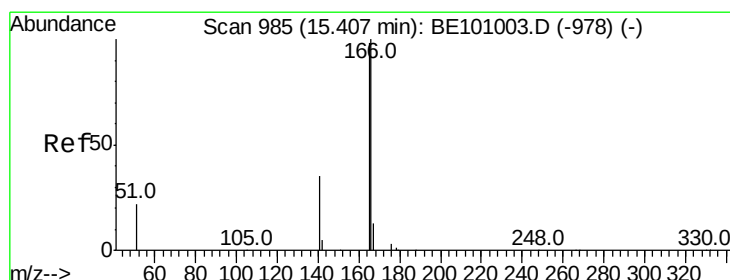
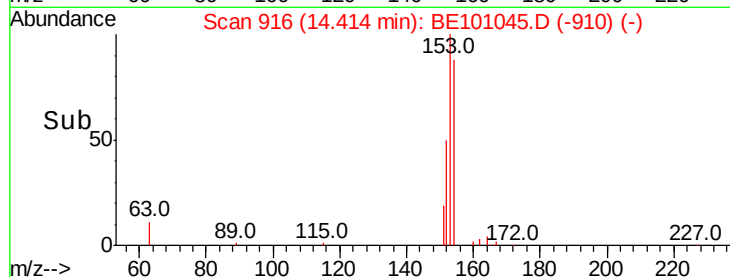
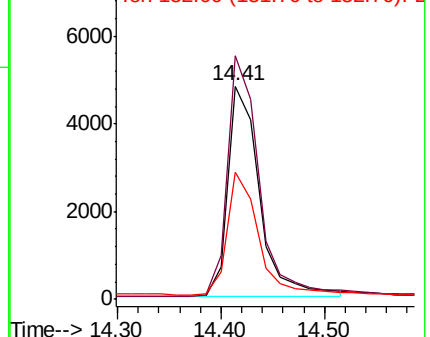
152 56.5 46.3 69.5



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: 0.391 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

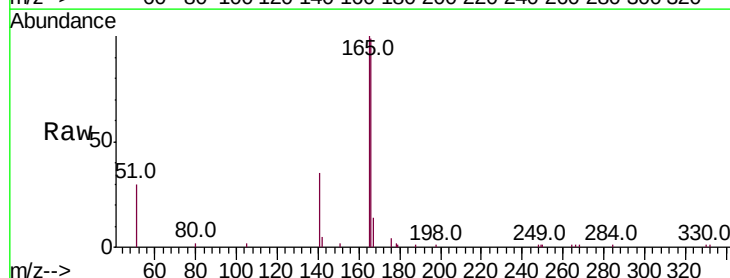
Tgt Ion:166 Resp: 12599

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

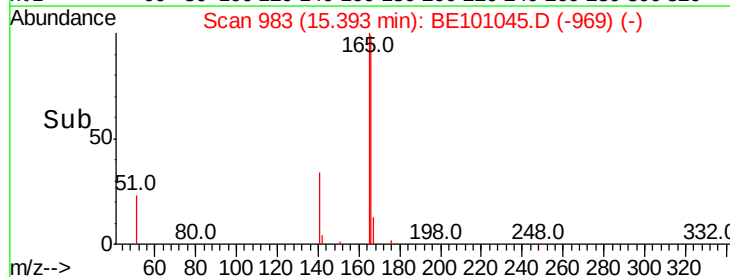
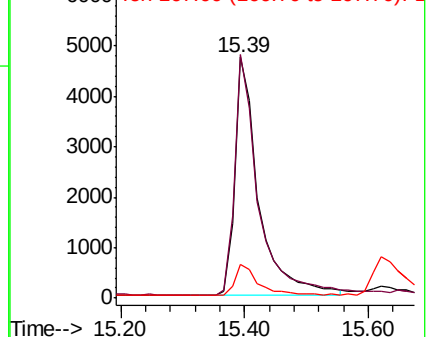
167 13.2 11.0 16.6

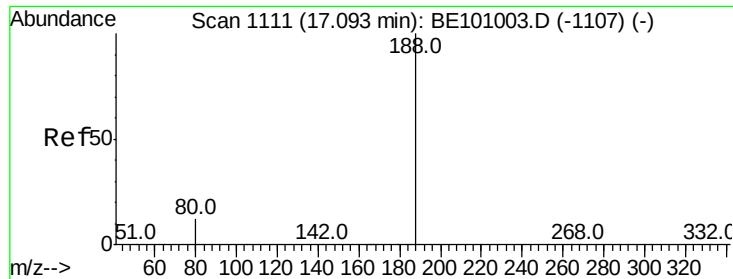


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE101045.D

Acq: 13 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

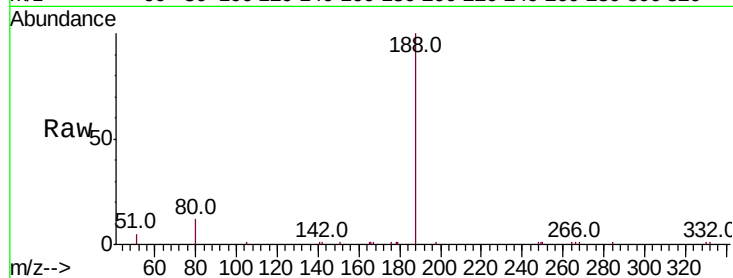
Tot Ion:188 Resp: 19589

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

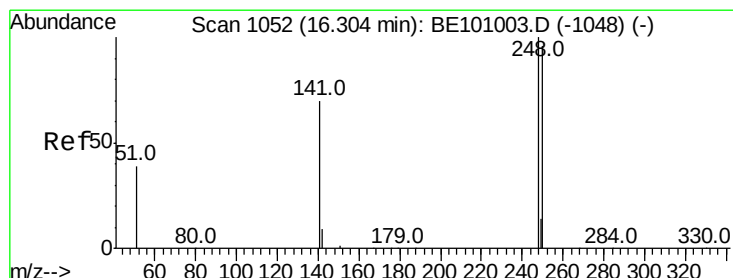
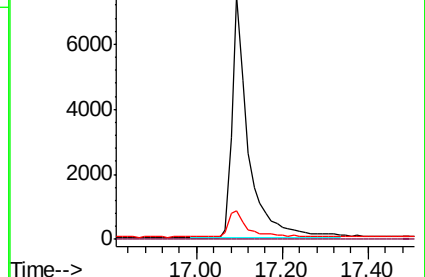
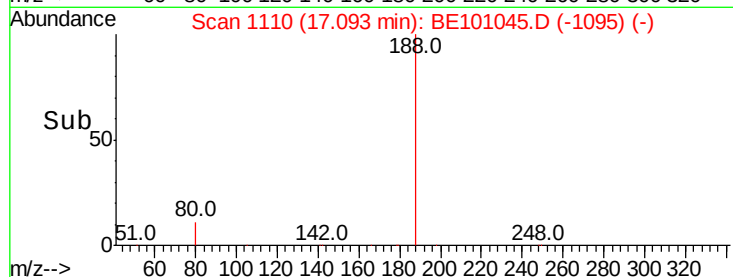
80 11.7 10.8 16.2



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: BE101045.D

Acq: 13 Jan 2020 19:26

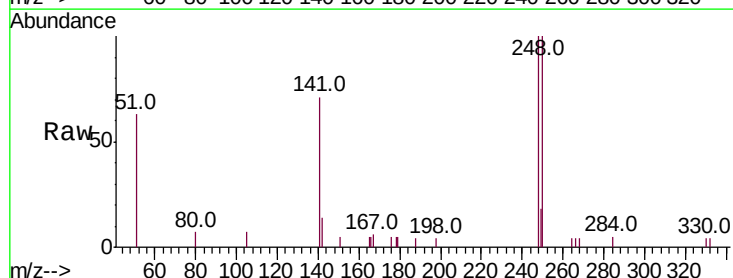
Tgt Ion:248 Resp: 3490

Ion Ratio Lower Upper

248 100

250 100.2 76.6 115.0

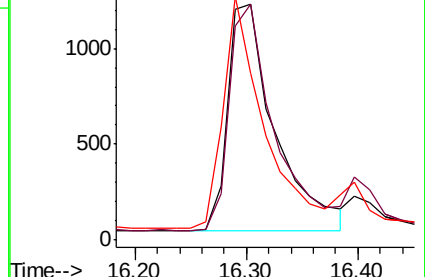
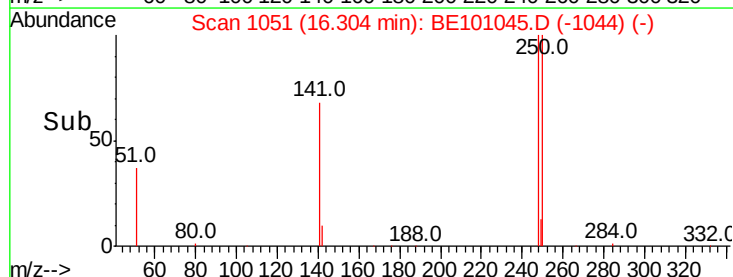
141 70.7 57.7 86.5

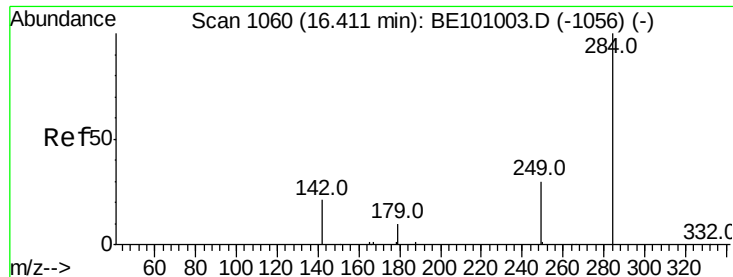


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

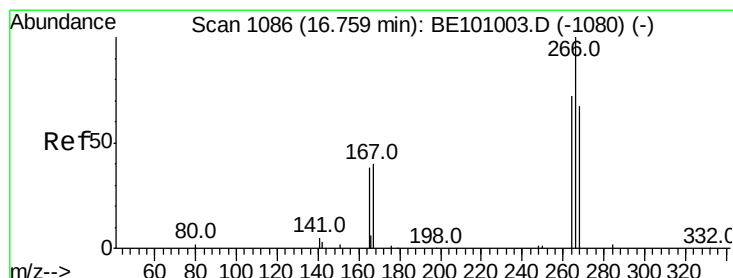
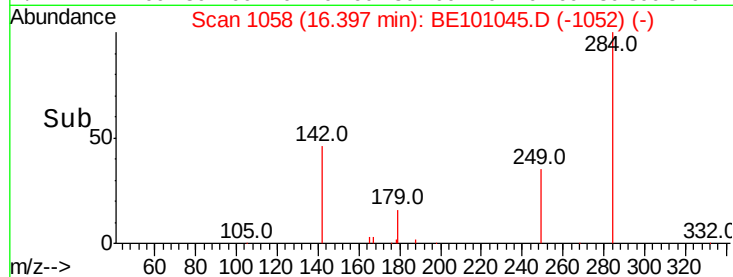
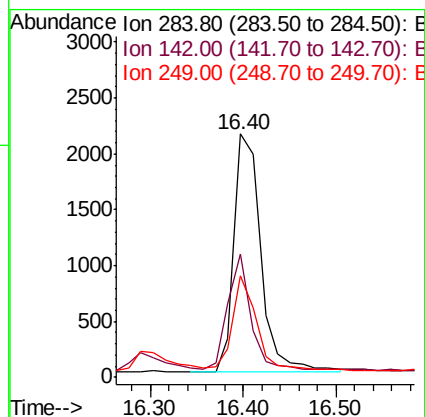
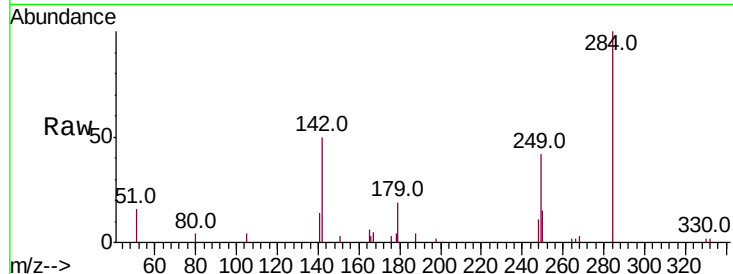




#21
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101045.D
Acq: 13 Jan 2020 19:26

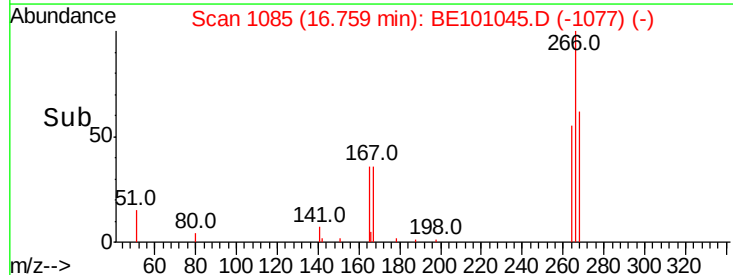
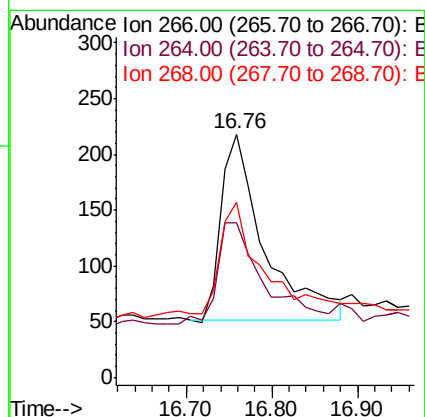
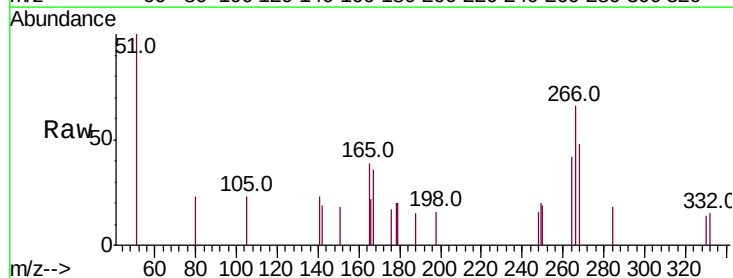
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

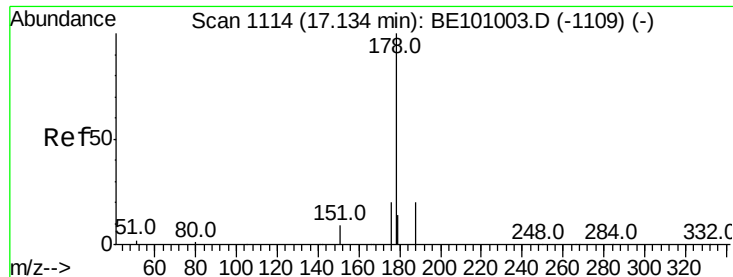
Tot Ion	Ratio	Lower	Upper
284	100		
142	41.3	34.0	51.0
249	33.0	28.2	42.4



#22
Pentachlorophenol
Concen: 0.411 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101045.D
Acq: 13 Jan 2020 19:26

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.8	61.0	91.4
268	72.0	58.5	87.7





#23

Phenanthrene

Concen: 0.387 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

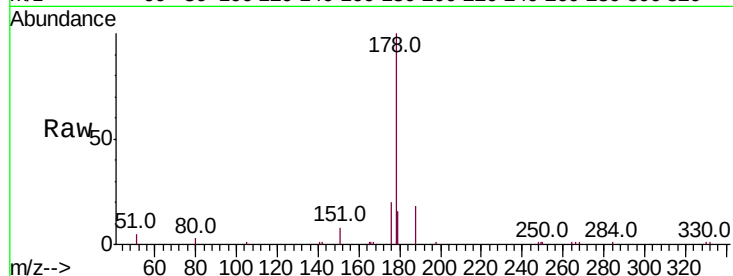
Tot Ion:178 Resp: 20681

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

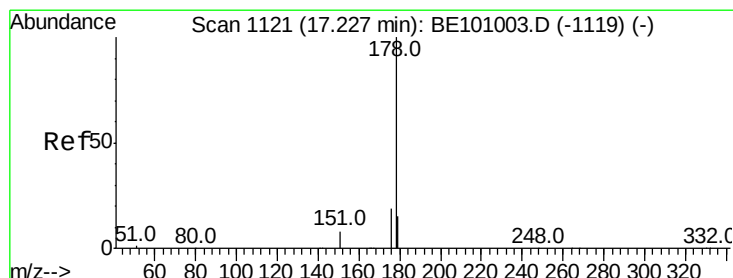
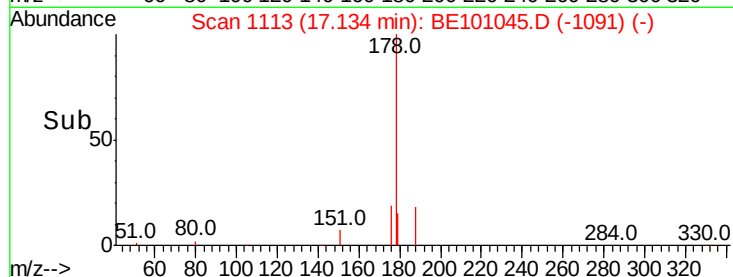
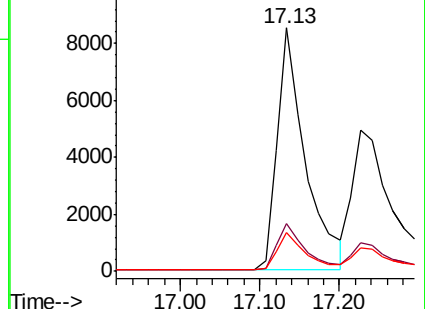
179 15.4 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.361 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

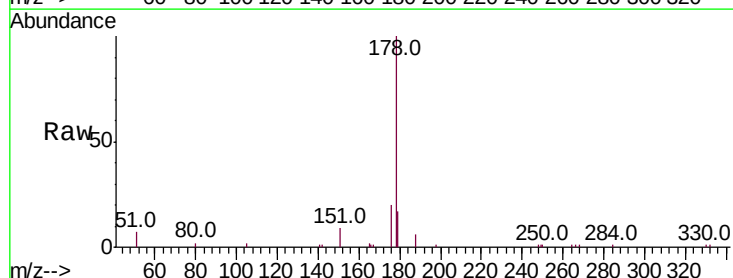
Tgt Ion:178 Resp: 18211

Ion Ratio Lower Upper

178 100

176 18.1 14.8 22.2

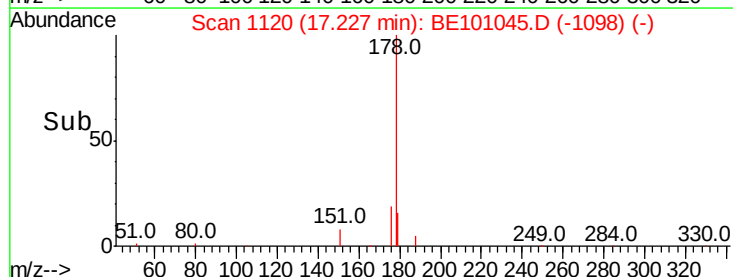
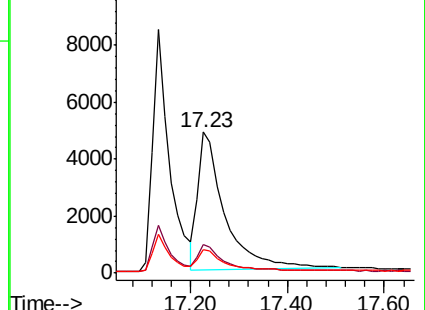
179 16.3 12.4 18.6

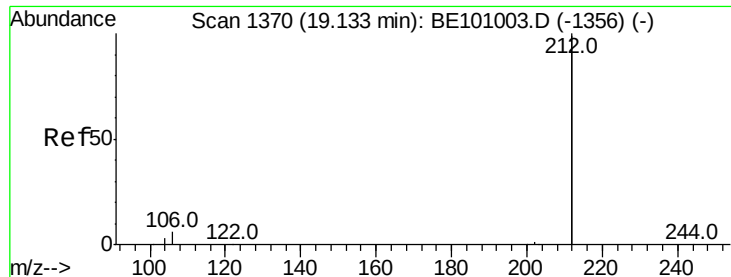


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.365 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

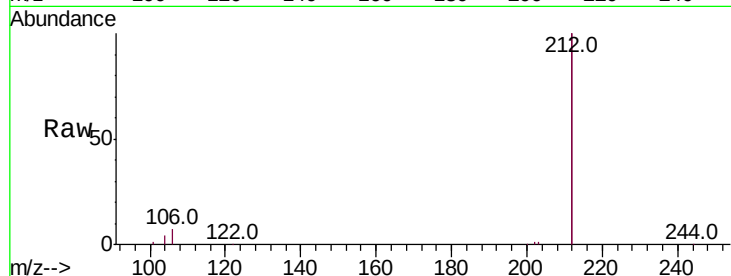
Tot Ion:212 Resp: 99328

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

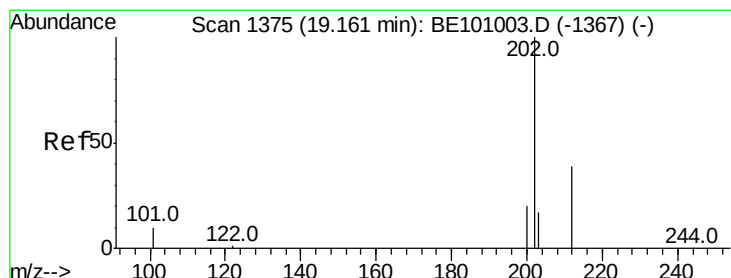
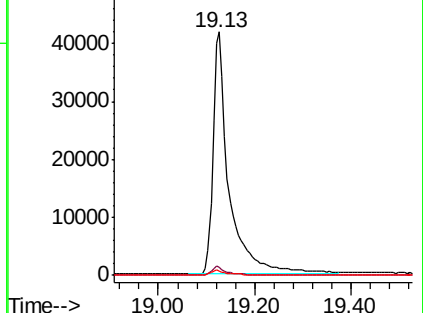
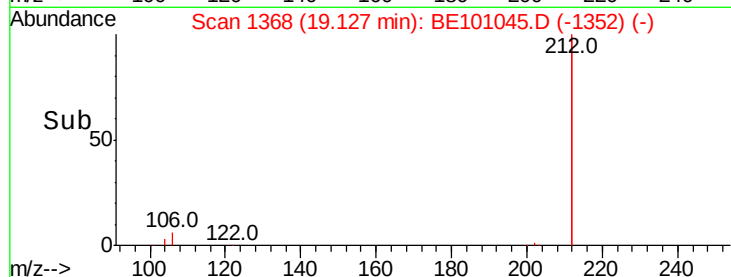
104 1.8 1.4 2.0



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: 0.360 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

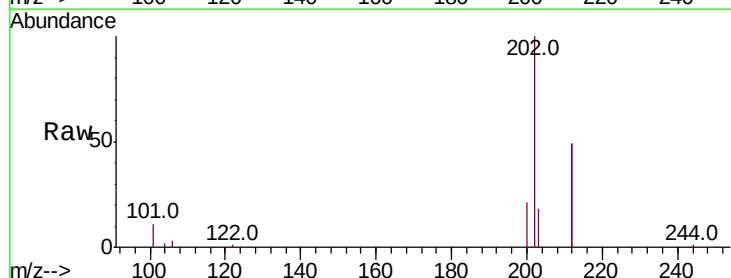
Tgt Ion:202 Resp: 24131

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

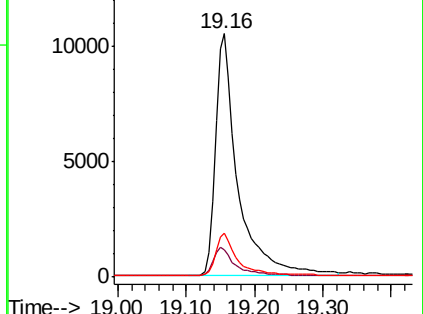
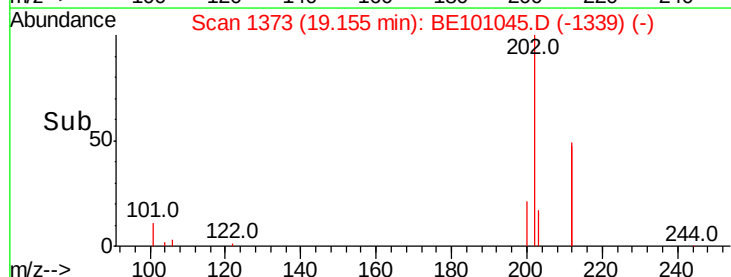
203 16.4 13.8 20.6

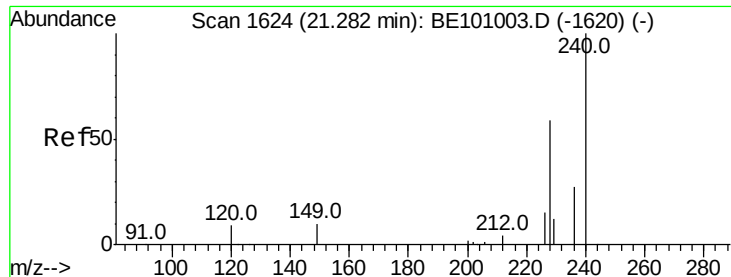


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

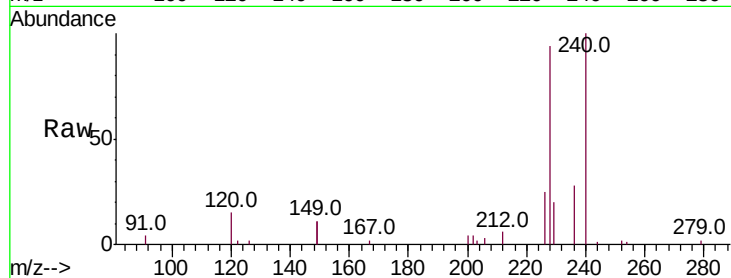
Tot Ion:240 Resp: 16035

Ion Ratio Lower Upper

240 100

120 14.7 8.6 13.0#

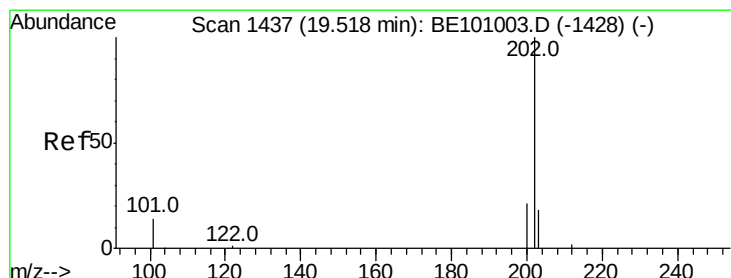
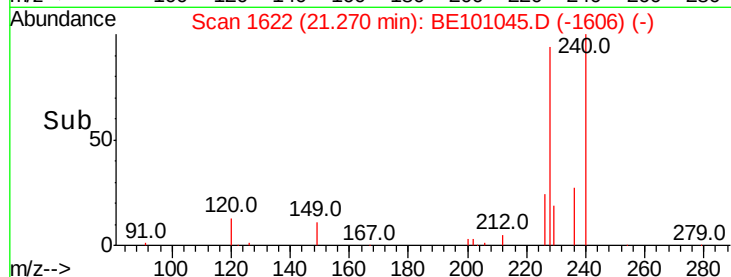
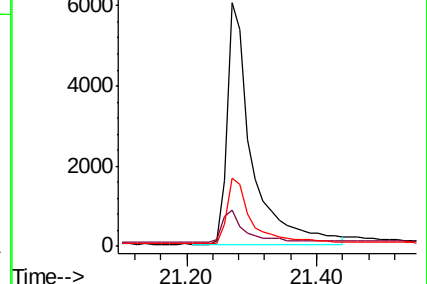
236 28.2 22.2 33.4



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: 0.407 ng

RT: 19.52 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

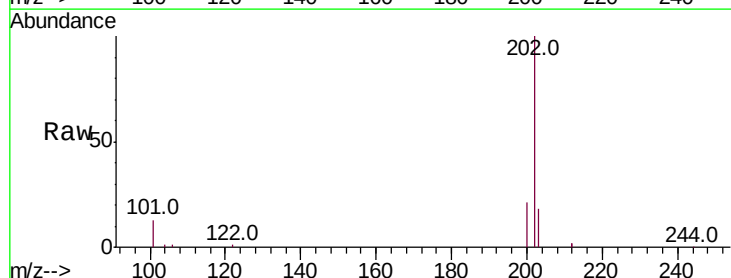
Tgt Ion:202 Resp: 24317

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

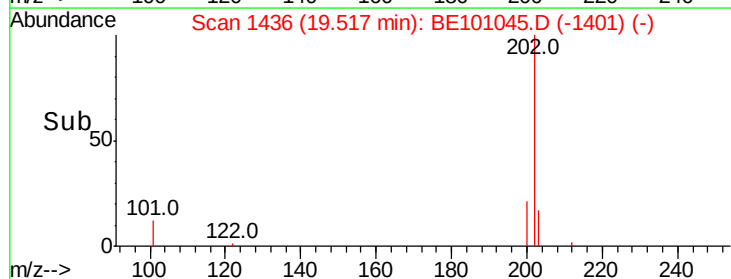
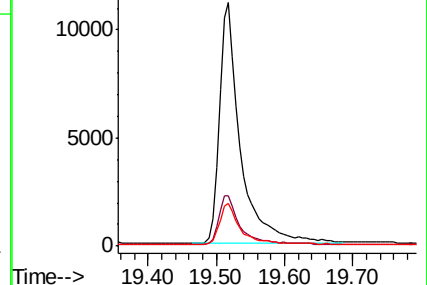
203 17.5 13.8 20.6

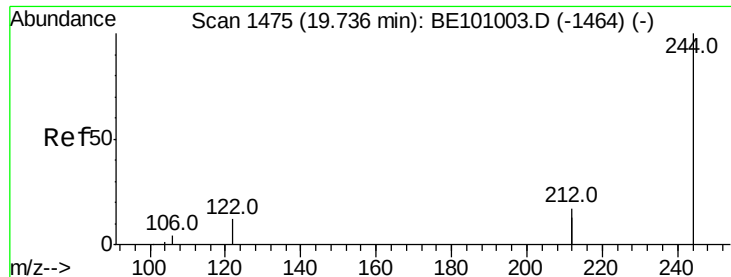


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.401 ng

RT: 19.74 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

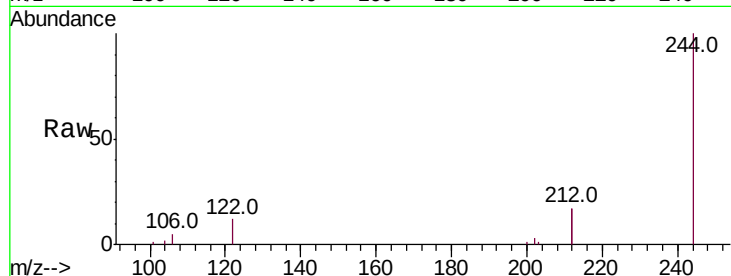
Tot Ion:244 Resp: 15787

Ion Ratio Lower Upper

244 100

212 33.3 27.2 40.8

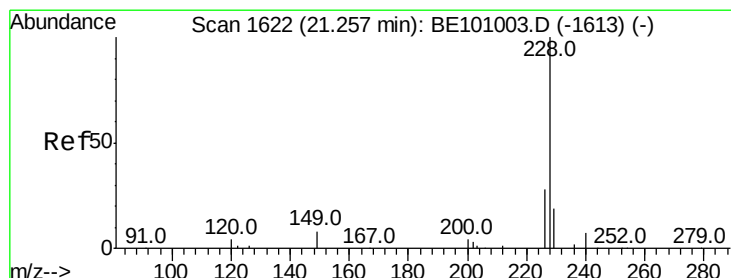
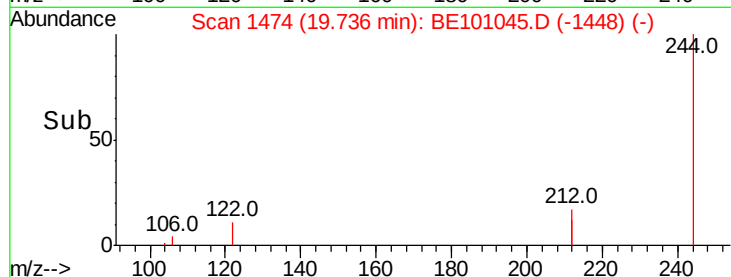
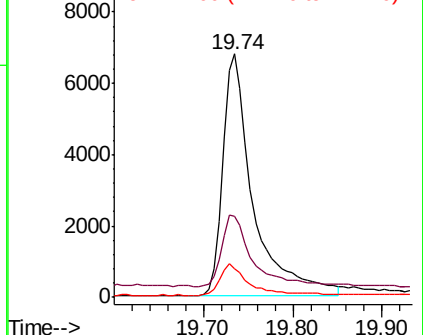
122 11.9 9.8 14.8



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: 0.346 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

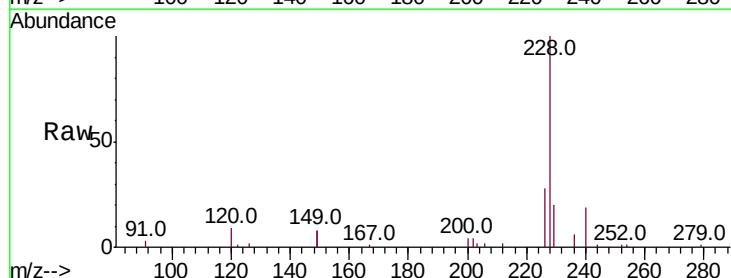
Tgt Ion:228 Resp: 15843

Ion Ratio Lower Upper

228 100

226 28.1 22.7 34.1

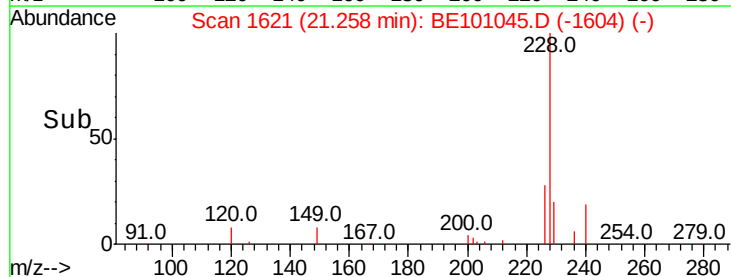
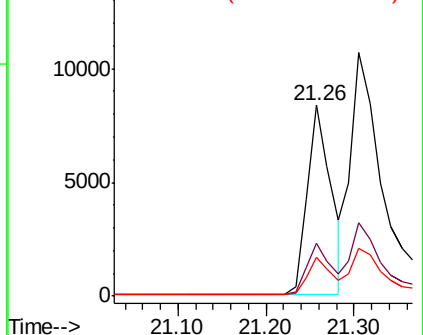
229 20.2 15.5 23.3

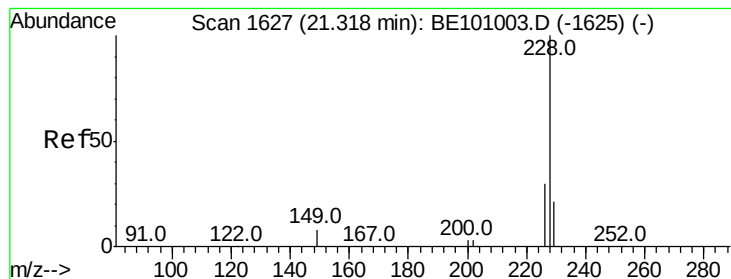


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.432 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

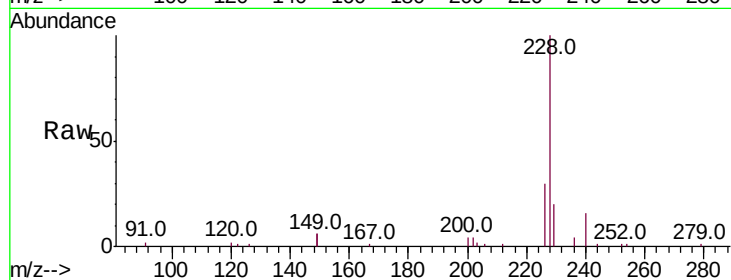
Tot Ion:228 Resp: 29373

Ion Ratio Lower Upper

228 100

226 30.0 23.5 35.3

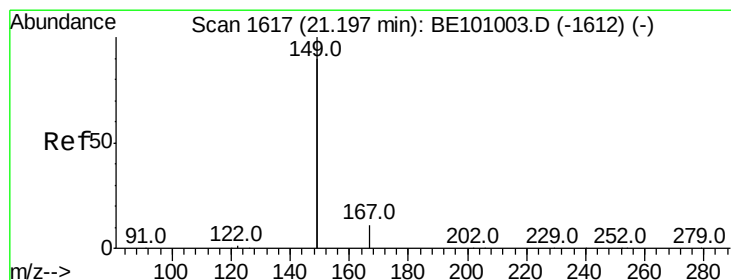
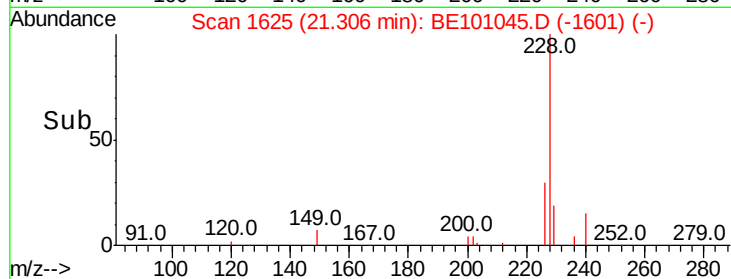
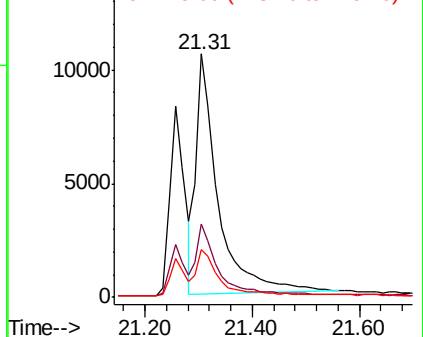
229 19.8 16.7 25.1



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: 0.299 ng

RT: 21.20 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

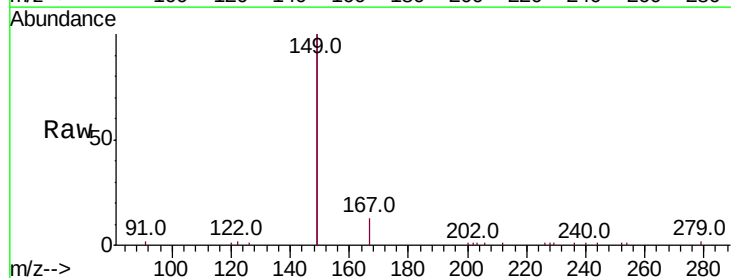
Tgt Ion:149 Resp: 22783

Ion Ratio Lower Upper

149 100

167 6.4 5.2 7.8

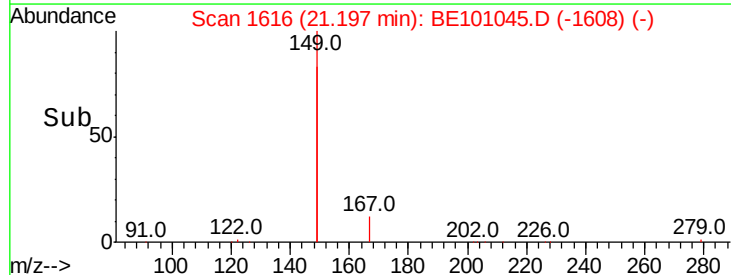
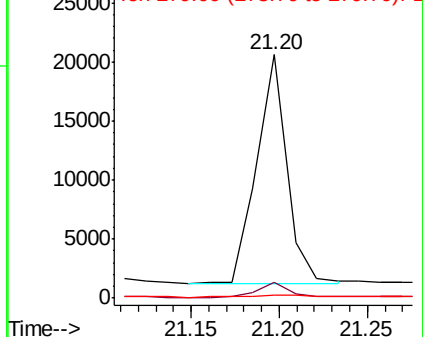
279 1.1 0.8 1.2

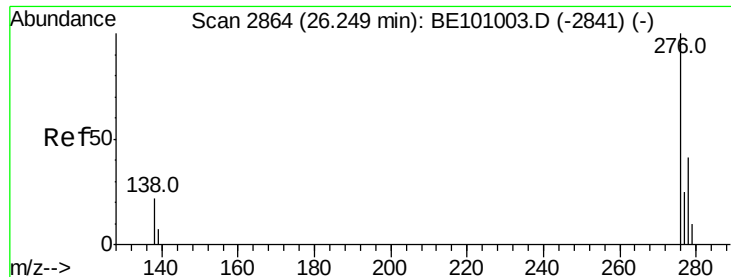


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.418 ng

RT: 26.23 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

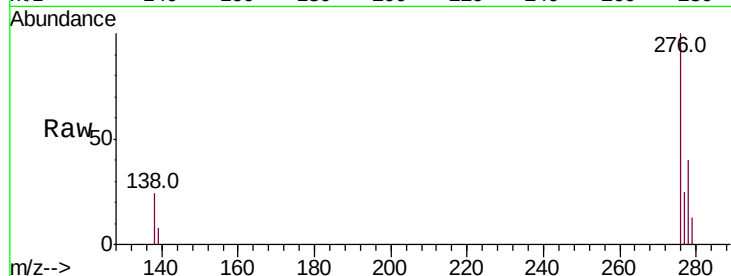
Tot Ion:276 Resp: 22470

Ion Ratio Lower Upper

276 100

138 23.8 16.1 24.1

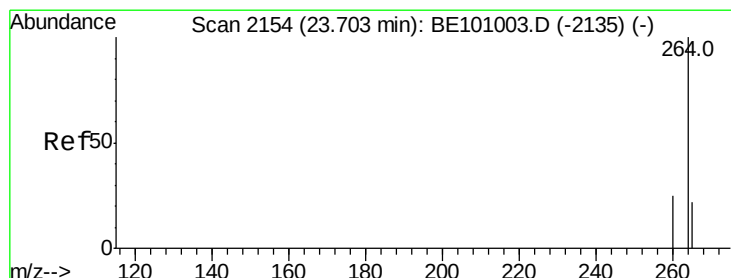
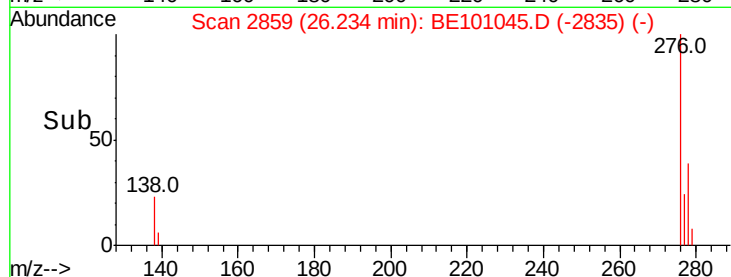
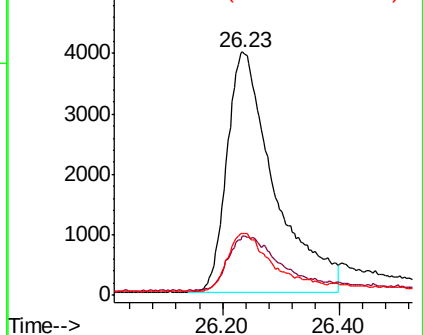
277 22.4 18.1 27.1



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: 23.70 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

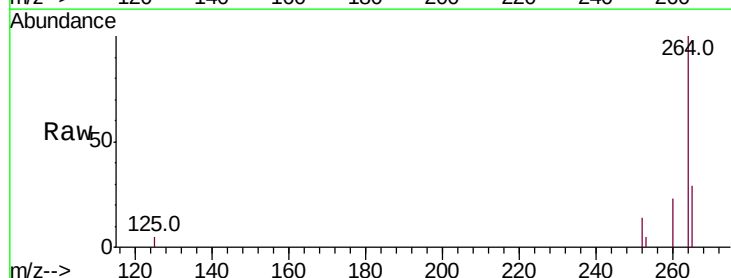
Tgt Ion:264 Resp: 18332

Ion Ratio Lower Upper

264 100

260 22.8 20.3 30.5

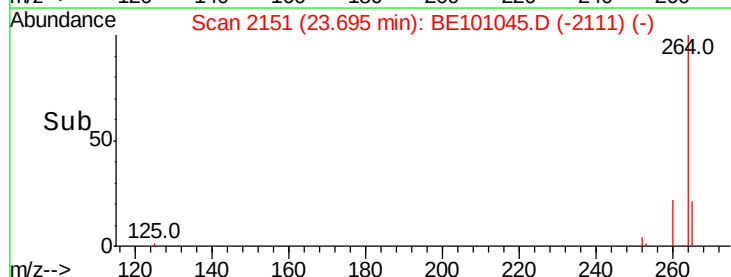
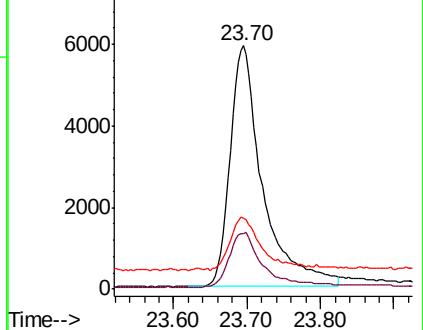
265 29.3 27.0 40.4

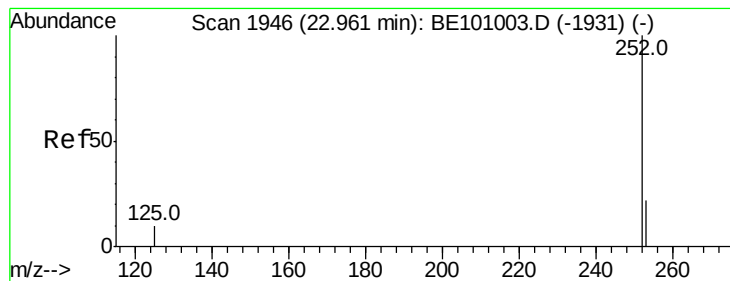


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.336 ng

RT: 22.95 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

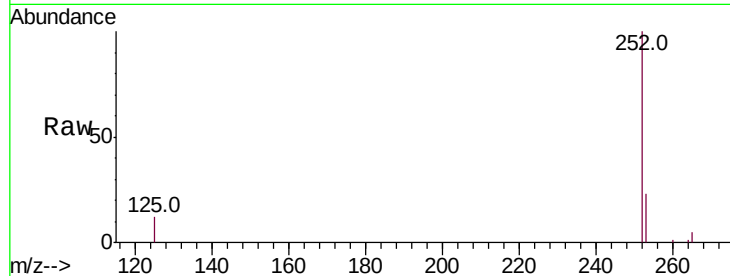
Tot Ion:252 Resp: 17293

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

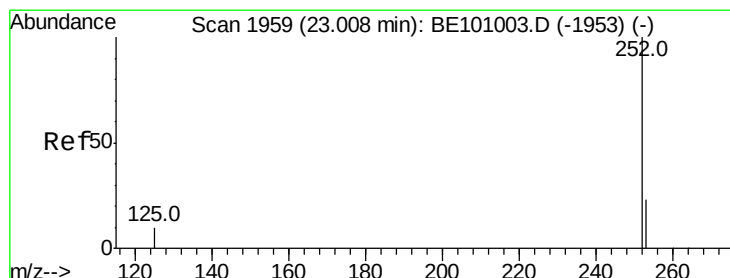
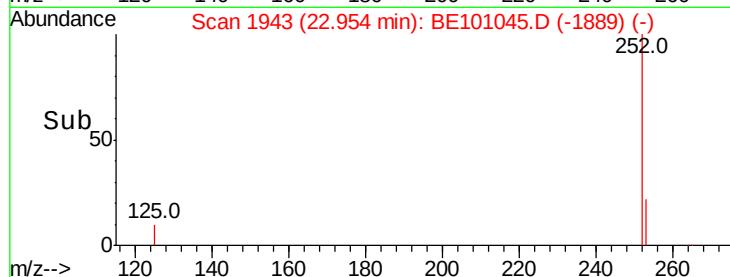
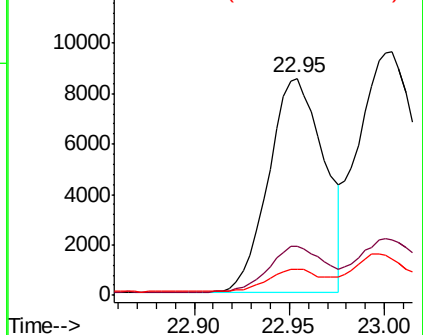
125 11.9 9.5 14.3



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: 0.355 ng

RT: 23.00 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

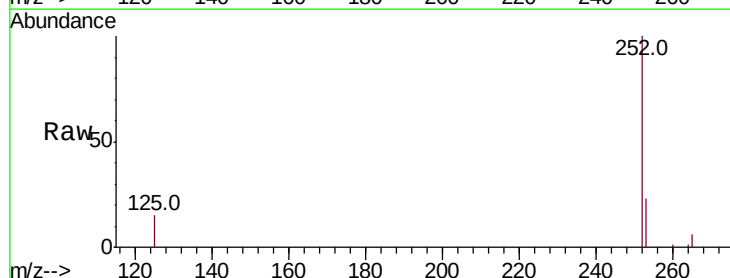
Tgt Ion:252 Resp: 26414

Ion Ratio Lower Upper

252 100

253 23.0 18.9 28.3

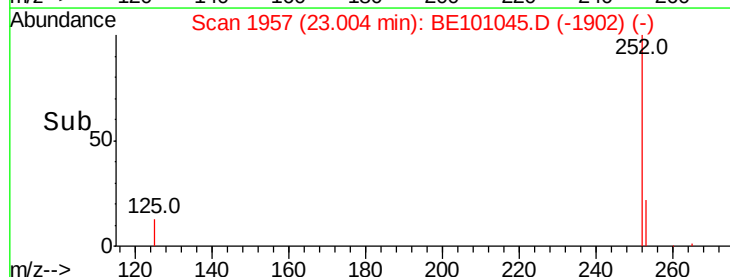
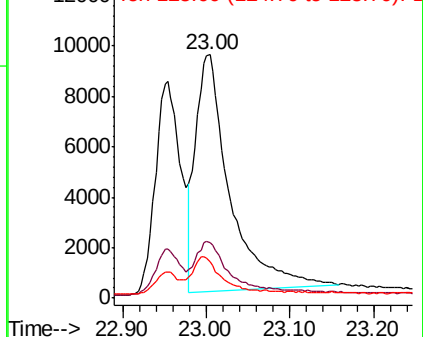
125 15.0 10.1 15.1

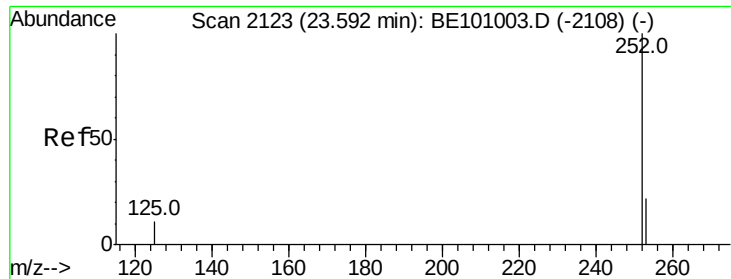


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

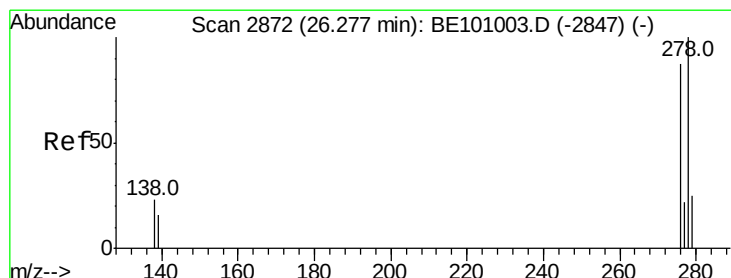
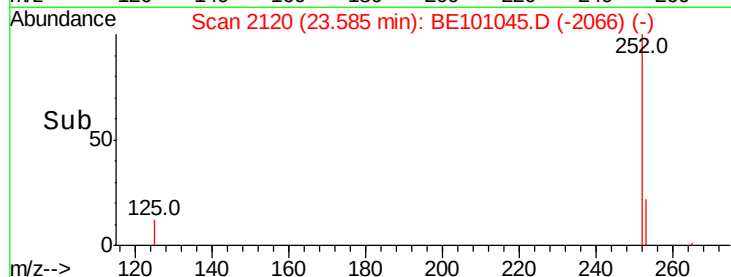
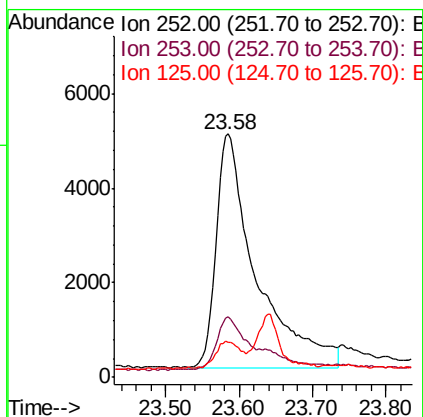
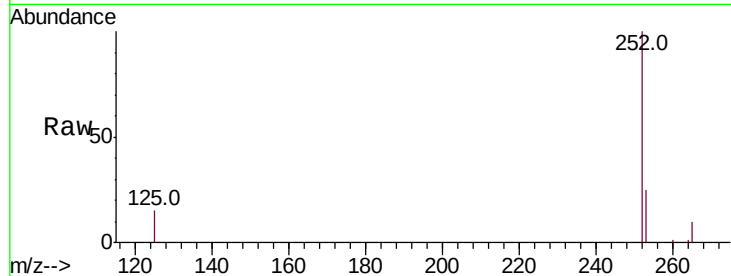




#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.58 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE101045.D
Acq: 13 Jan 2020 19:26

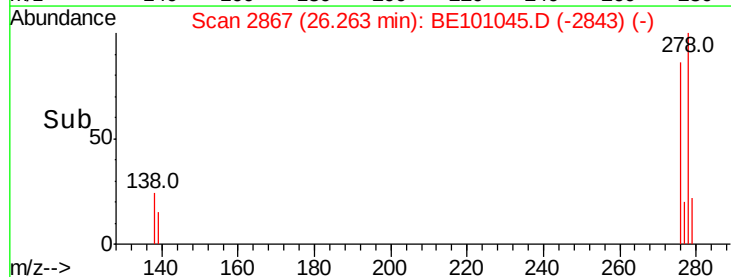
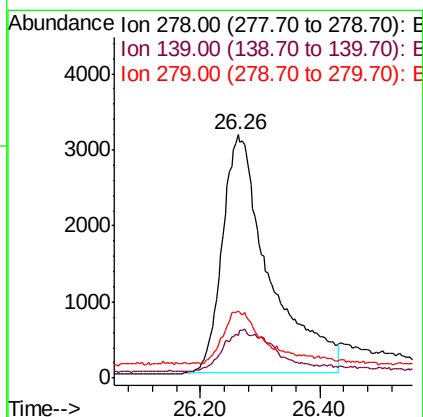
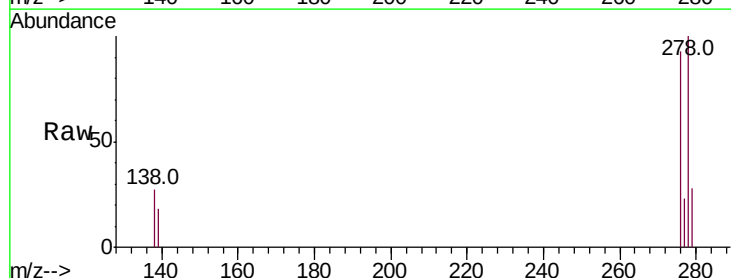
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

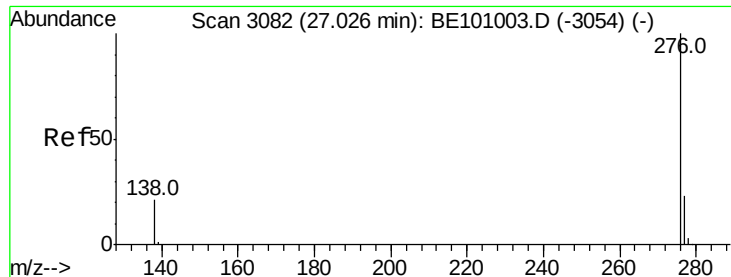
Tot Ion:252 Resp: 18905
Ion Ratio Lower Upper
252 100
253 24.7 19.4 29.2
125 14.6 11.8 17.6



#38
Dibenzo(a,h)anthracene
Concen: 0.375 ng
RT: 26.26 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BE101045.D
Acq: 13 Jan 2020 19:26

Tgt Ion:278 Resp: 17139
Ion Ratio Lower Upper
278 100
139 17.6 15.0 22.4
279 27.7 22.6 33.8





#39

Benzo(a,h,i)perylene

Concen: 0.380 ng

RT: 27.00 min Scan# 3074

Delta R.T. -0.02 min

Lab File: BE101045.D

Acq: 13 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

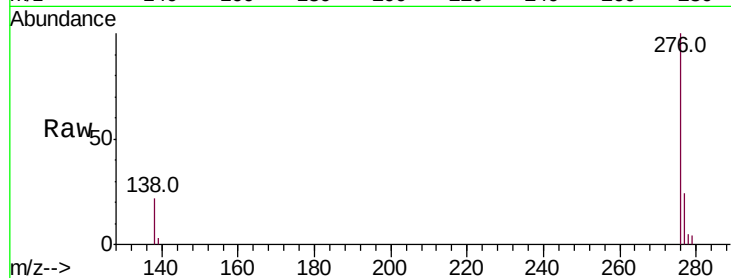
Tot Ion:276 Resp: 21384

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.2

138 21.6 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

