

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111419\
 Data File : BE100721.D
 Acq On : 14 Nov 2019 15:10
 Operator : JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 14 17:14:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 14 16:59:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	1737	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	7361	0.40	ng	0.00
13) Acenaphthene-d10	14.41	164	4697	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	11431	0.40	ng	0.00
27) Chrysene-d12	21.29	240	14808	0.40	ng	0.00
34) Perylene-d12	23.73	264	16897	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2037	0.38	ng	0.00
5) Phenol-d6	6.94	99	2839	0.38	ng	0.00
8) Nitrobenzene-d5	8.91	82	2385	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	4816	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	142	0.11	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	7162	0.42	ng	0.00
25) Fluoranthene-d10	19.16	212	59460	0.40	ng	0.00
29) Terphenyl-d14	19.75	244	14234	0.44	ng	0.00

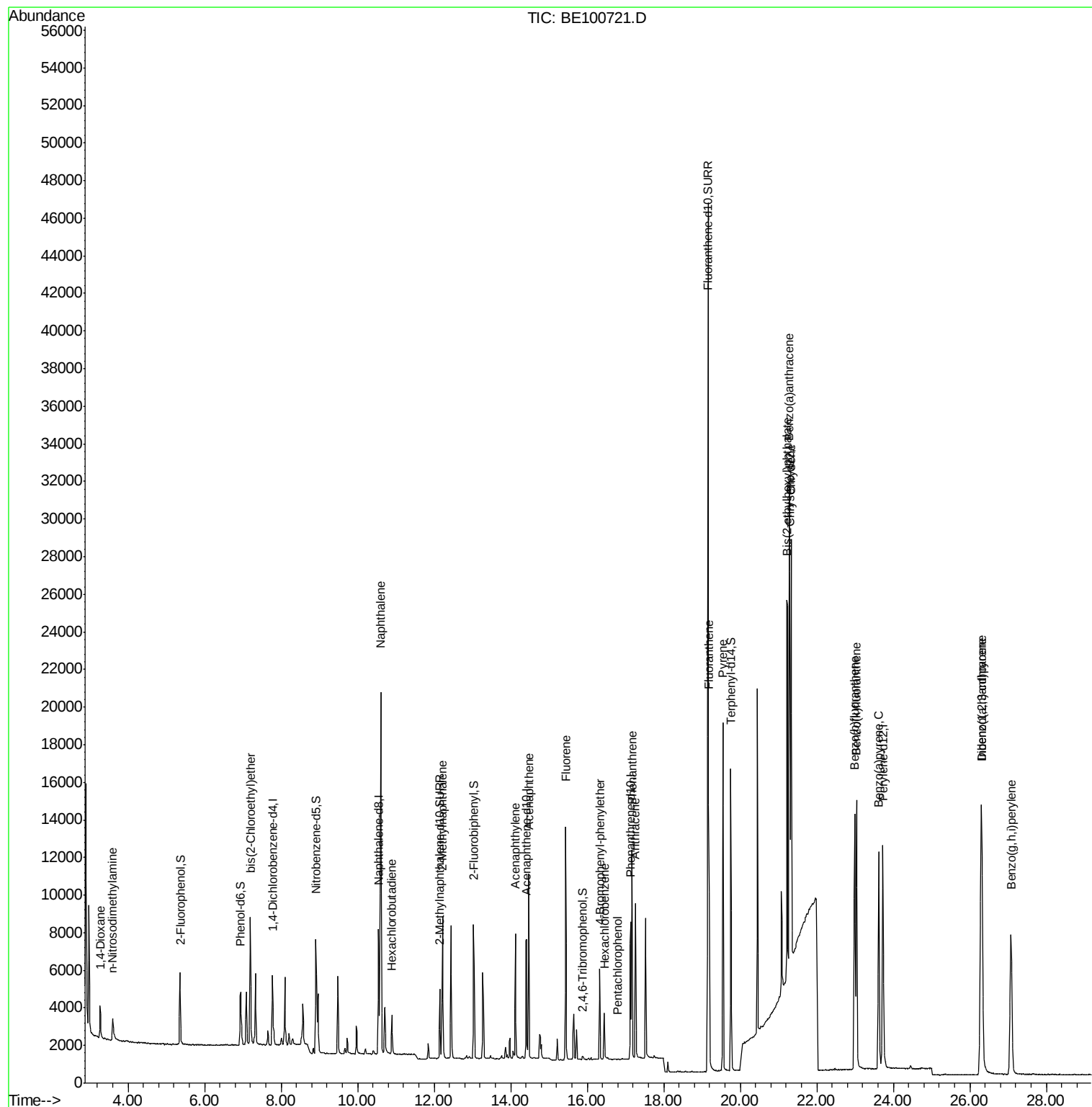
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	1164	0.376	ng	100
3) n-Nitrosodimethylamine	3.59	42	1148	0.350	ng	100
6) bis(2-Chloroethyl)ether	7.20	93	2557	0.412	ng	100
9) Naphthalene	10.60	128	31060	0.401	ng	100
10) Hexachlorobutadiene	10.90	225	1405	0.418	ng	100
12) 2-Methylnaphthalene	12.22	142	5167	0.392	ng	100
16) Acenaphthylene	14.12	152	7409	0.367	ng	100
17) Acenaphthene	14.47	154	4997	0.383	ng	100
18) Fluorene	15.43	166	6828	0.394	ng	100
20) 4-Bromophenyl-phenylether	16.33	248	2395	0.412	ng	100
21) Hexachlorobenzene	16.45	284	2309	0.417	ng	100
22) Pentachlorophenol	16.79	266	6	0.003	ng	100
23) Phenanthrene	17.17	178	12421	0.395	ng	100
24) Anthracene	17.26	178	10629	0.364	ng	100
26) Fluoranthene	19.18	202	16109	0.393	ng	100
28) Pyrene	19.55	202	16514	0.399	ng	100
30) Benzo(a)anthracene	21.28	228	19194	0.397	ng	100
31) Chrysene	21.33	228	19720	0.409	ng	100
32) Bis(2-ethylhexyl)phthalate	21.22	149	30458	0.301	ng	100
33) Indeno(1,2,3-cd)pyrene	26.29	276	23277	0.392	ng	100
35) Benzo(b)fluoranthene	22.99	252	19906	0.404	ng	100
36) Benzo(k)fluoranthene	23.04	252	20706	0.409	ng	100
37) Benzo(a)pyrene	23.62	252	18568	0.405	ng	100
38) Dibenzo(a,h)anthracene	26.31	278	19276	0.407	ng	100
39) Benzo(g,h,i)perylene	27.08	276	19016	0.399	ng	100

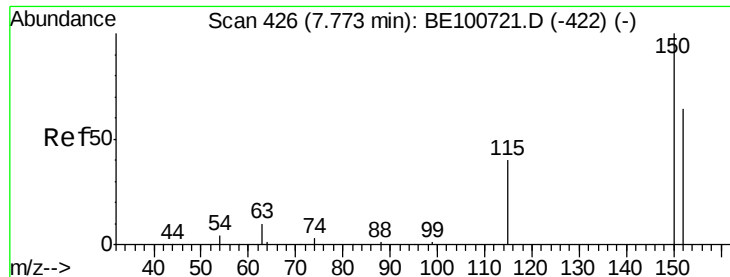
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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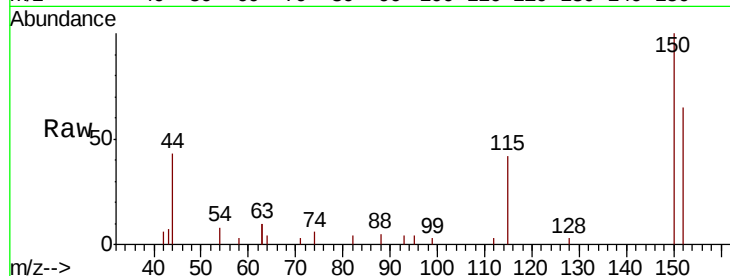


#1

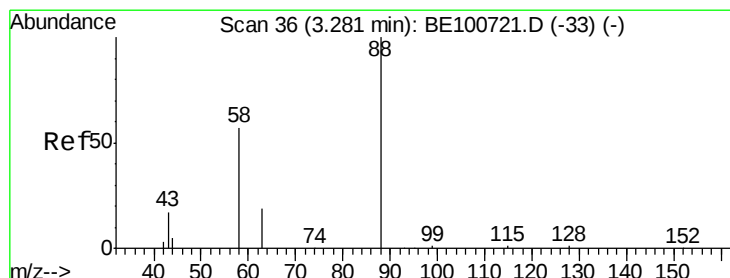
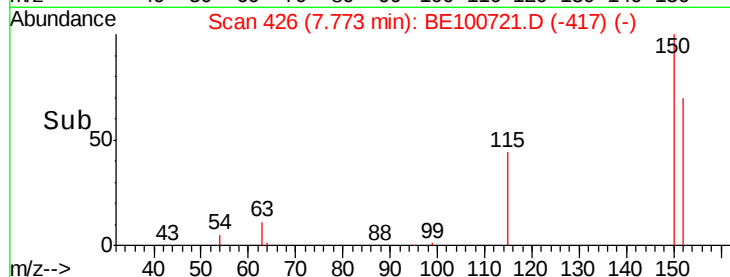
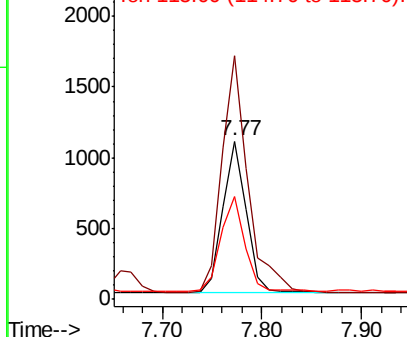
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. 0.00 min
Lab File: BE100721.D
Acq: 14 Nov 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1737
Ion Ratio Lower Upper
152 100
150 154.2 123.4 185.0
115 65.1 52.1 78.1



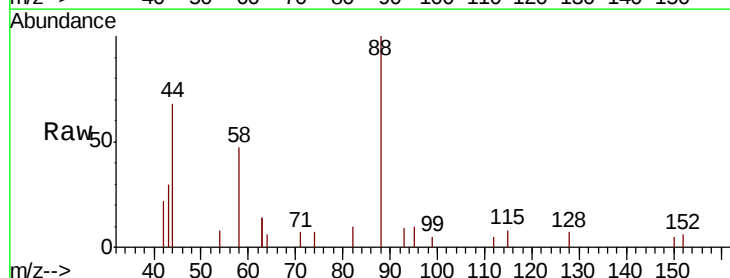
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



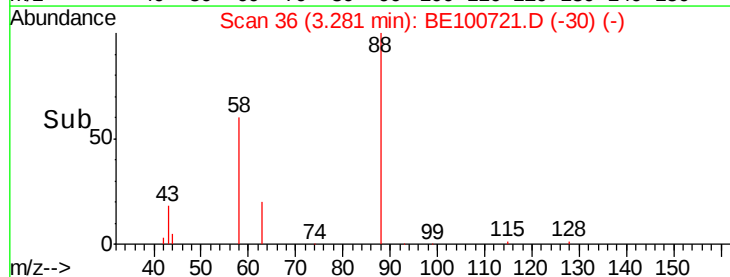
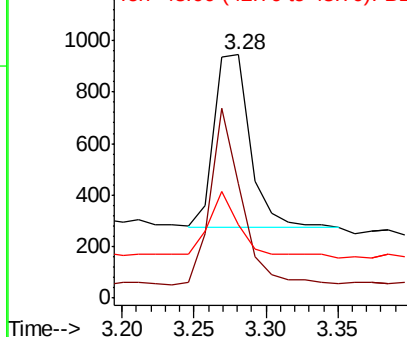
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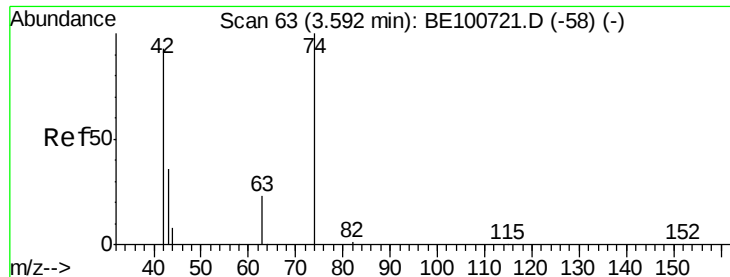
1,4-Dioxane
Concen: 0.376 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE100721.D
Acq: 14 Nov 2019 15:10

Tgt Ion: 88 Resp: 1164
Ion Ratio Lower Upper
88 100
58 87.3 69.8 104.8
43 33.7 27.0 40.4



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

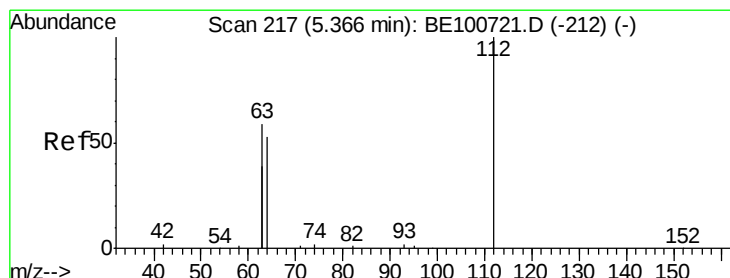
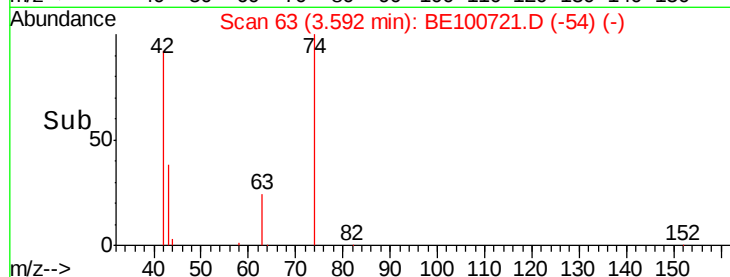
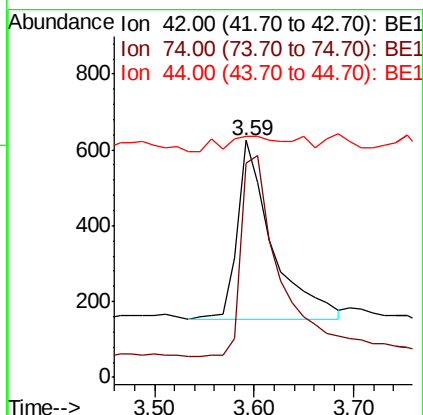
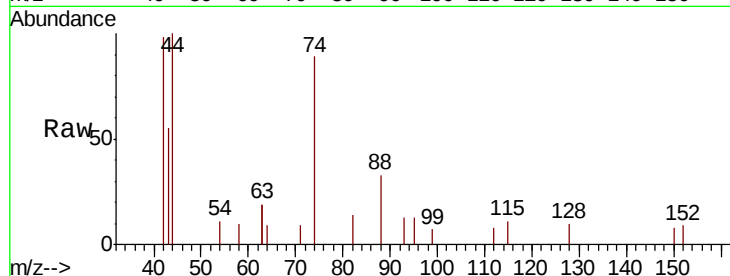




#3
 n-Nitrosodimethylamine
 Concen: 0.350 ng
 RT: 3.59 min Scan# 63
 Delta R.T. 0.00 min
 Lab File: BE100721.D
 Acq: 14 Nov 2019 15:10

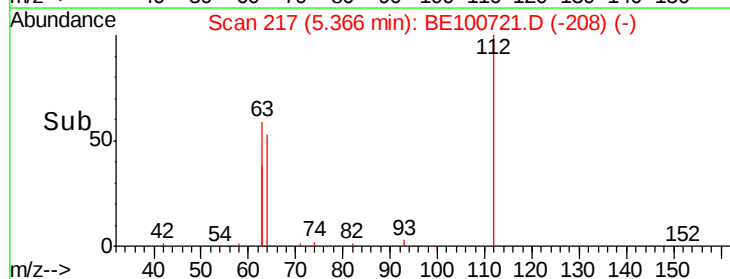
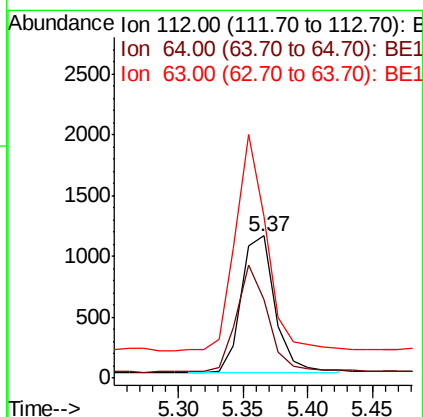
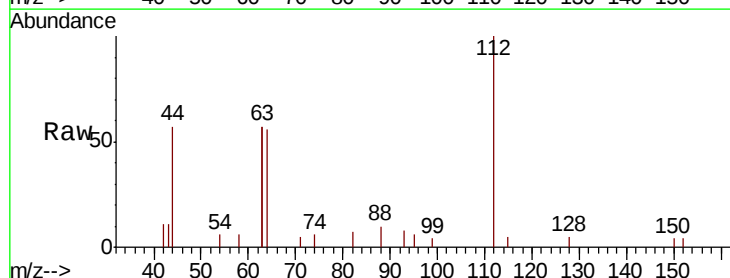
Instrument :
 BNA_E
 ClientSampleId :

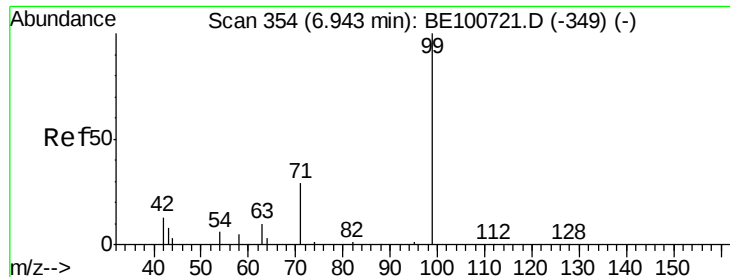
Tot Ion: 42 Resp: 1148
 Ion Ratio Lower Upper
 42 100
 74 124.6 99.7 149.5
 44 14.8 11.8 17.8



#4
 2-Fluorophenol
 Concen: 0.380 ng
 RT: 5.37 min Scan# 217
 Delta R.T. 0.00 min
 Lab File: BE100721.D
 Acq: 14 Nov 2019 15:10

Tgt Ion: 112 Resp: 2037
 Ion Ratio Lower Upper
 112 100
 64 71.6 58.3 87.5
 63 144.2 115.4 173.2





#5

Phenol-d6

Concen: 0.375 ng

RT: 6.94 min Scan# 354

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

Instrument :

BNA_E

ClientSampleId :

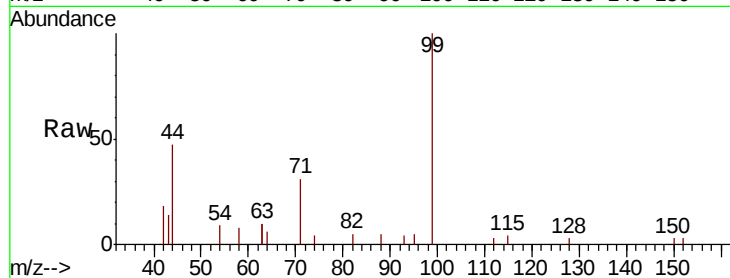
Tot Ion: 99 Resp: 2839

Ion Ratio Lower Upper

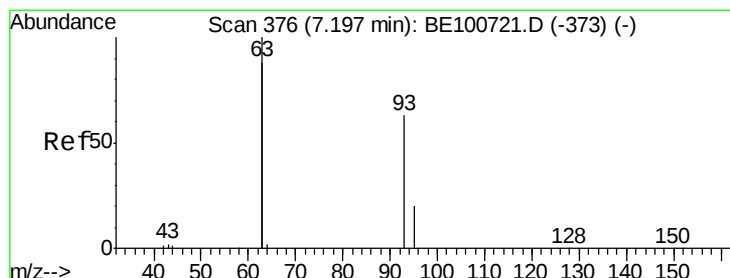
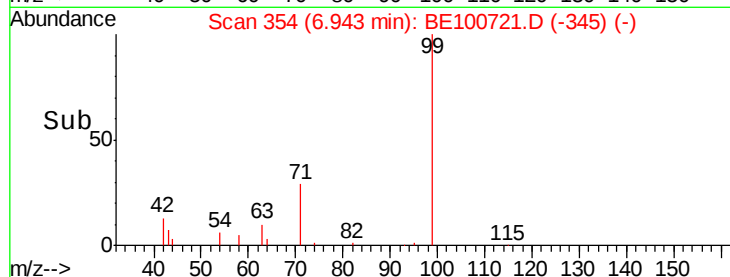
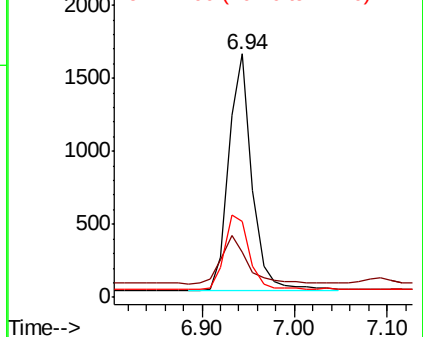
99 100

42 22.2 17.8 26.6

71 34.1 27.3 40.9



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: 0.412 ng

RT: 7.20 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

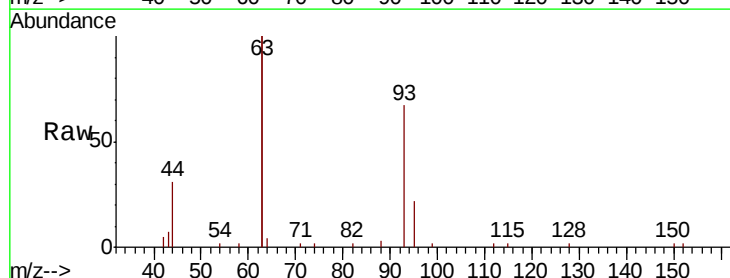
Tgt Ion: 93 Resp: 2557

Ion Ratio Lower Upper

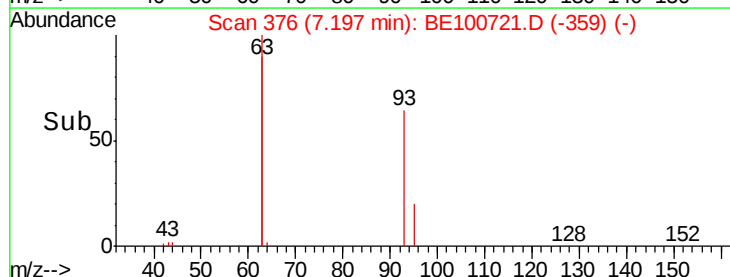
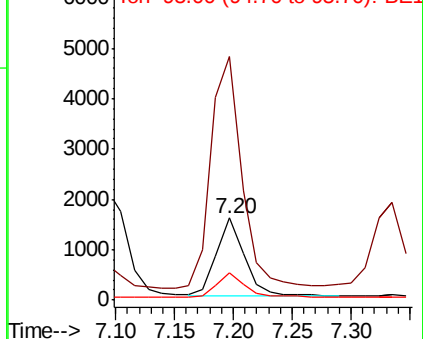
93 100

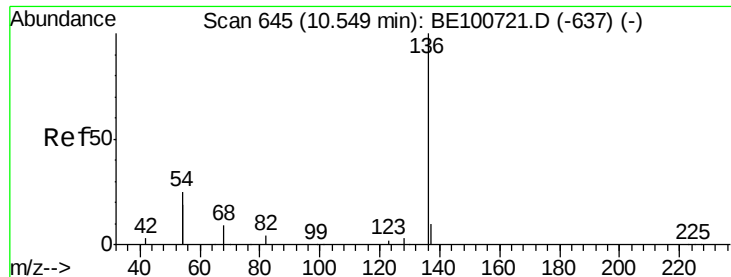
63 325.9 260.7 391.1

95 30.2 24.2 36.2



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: 10.55 min Scan# 645

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 7361

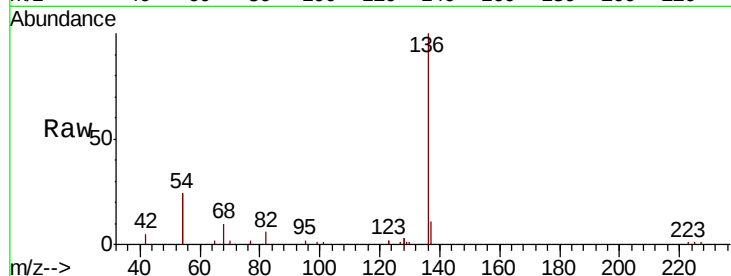
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 48.8 39.0 58.6

68 9.8 7.8 11.8

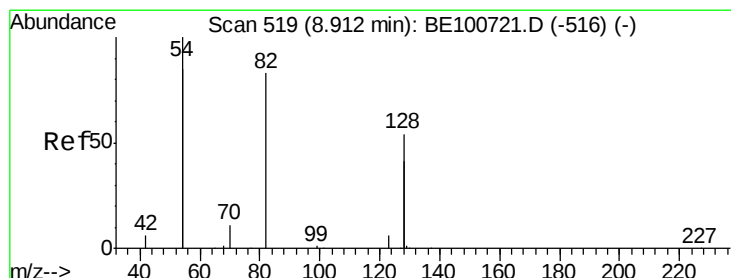
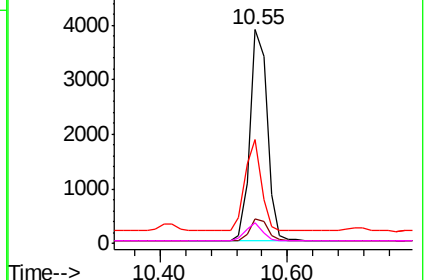
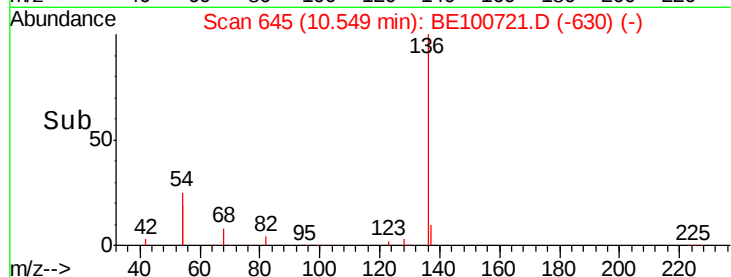


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.523 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

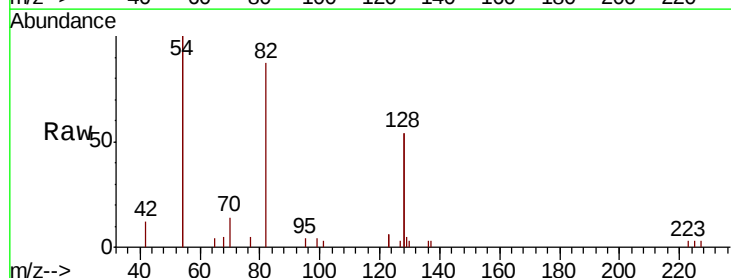
Tgt Ion: 82 Resp: 2385

Ion Ratio Lower Upper

82 100

128 124.5 99.6 149.4

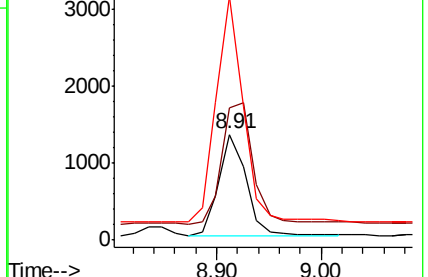
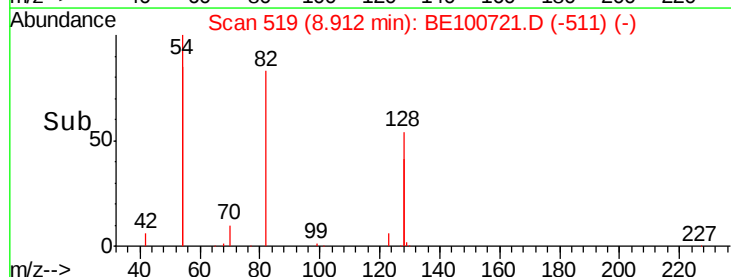
54 229.8 183.8 275.8

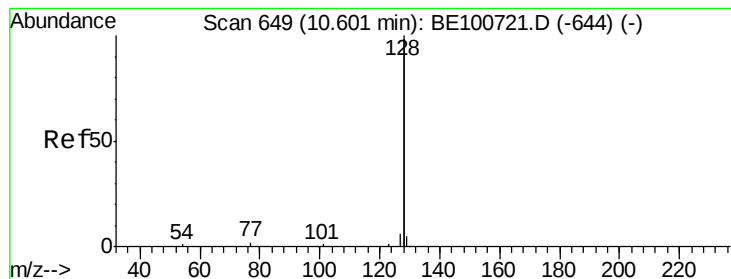


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.401 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

Instrument :

BNA_E

ClientSampleId :

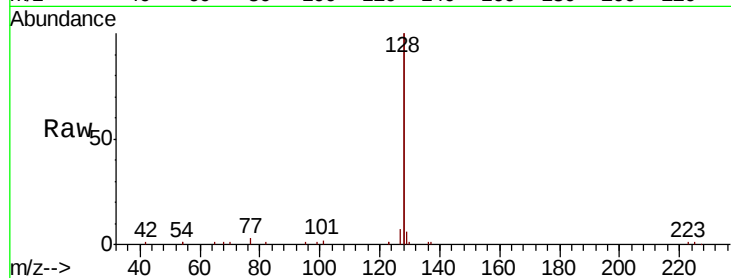
Tot Ion:128 Resp: 31060

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

127 3.4 2.7 4.1

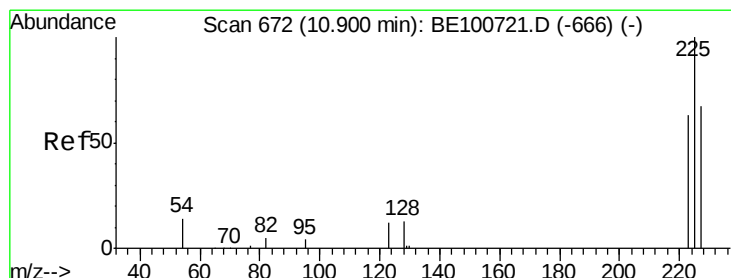
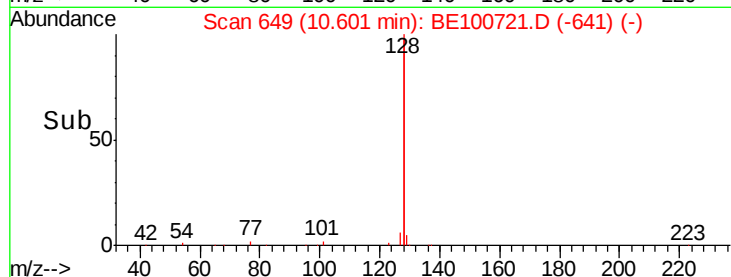
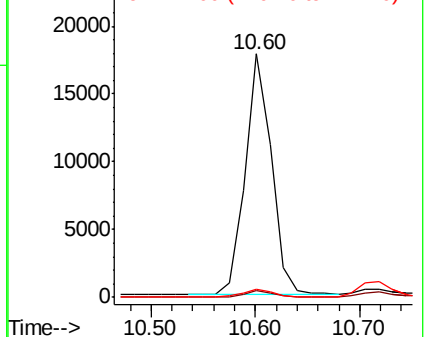


Abundance

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: 0.418 ng

RT: 10.90 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

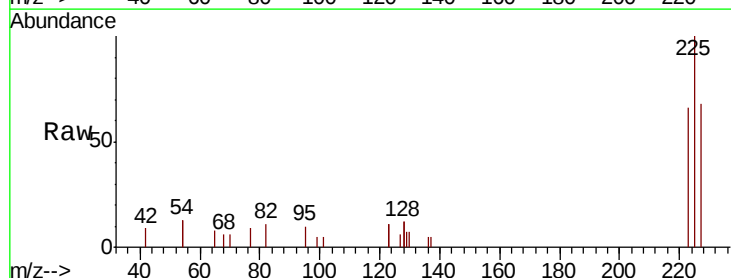
Tgt Ion:225 Resp: 1405

Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

227 66.3 53.0 79.6

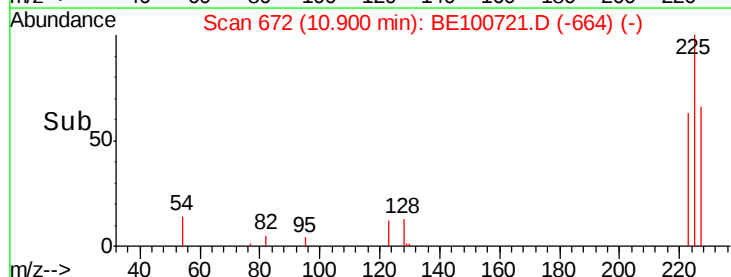
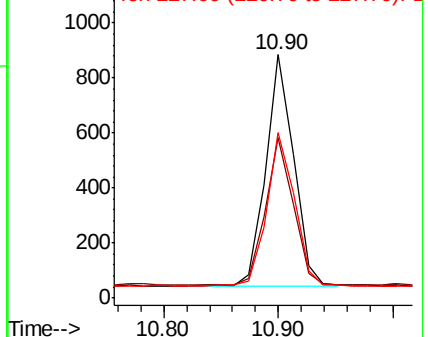


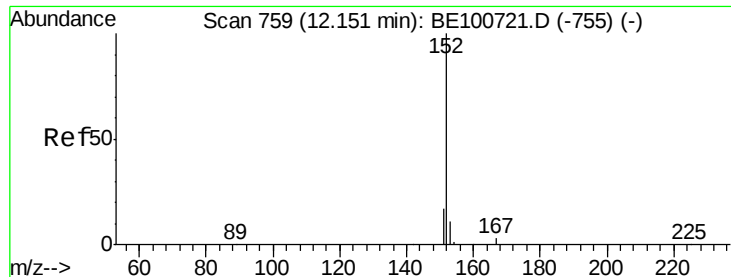
Abundance

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

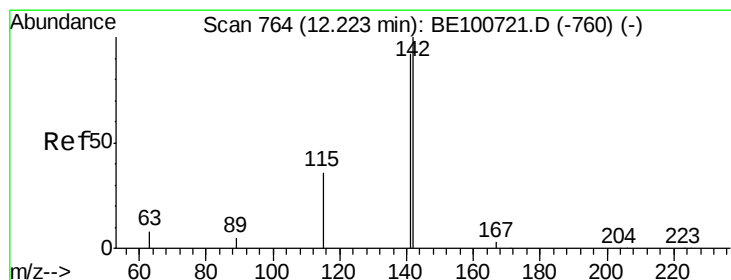
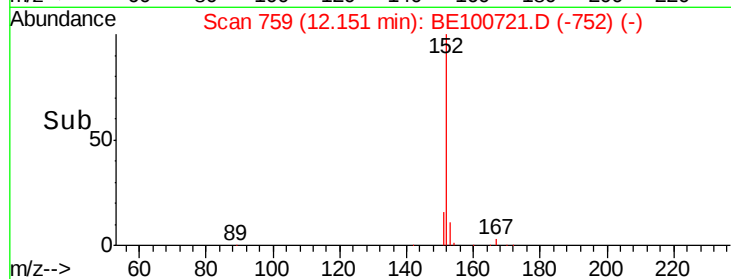
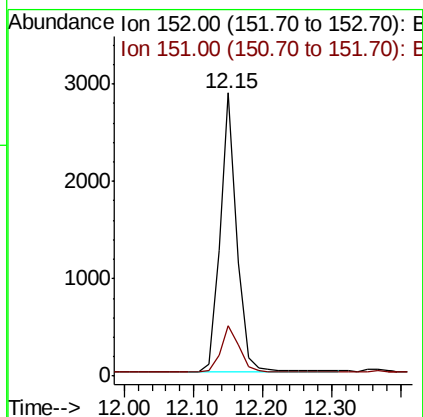
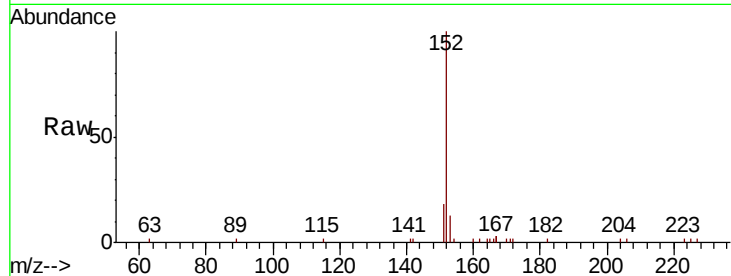




#11
 2-Methylnaphthalene-d10
 Concen: 0.415 ng
 RT: 12.15 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BE100721.D
 Acq: 14 Nov 2019 15:10

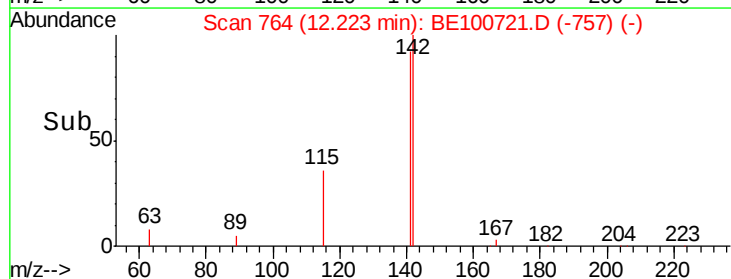
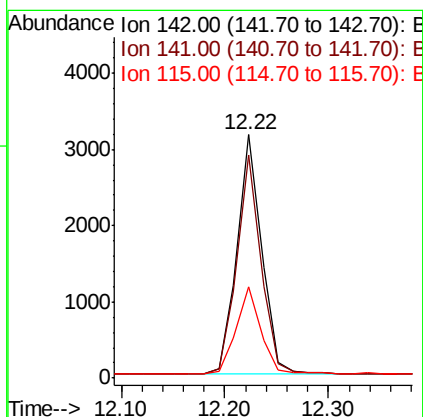
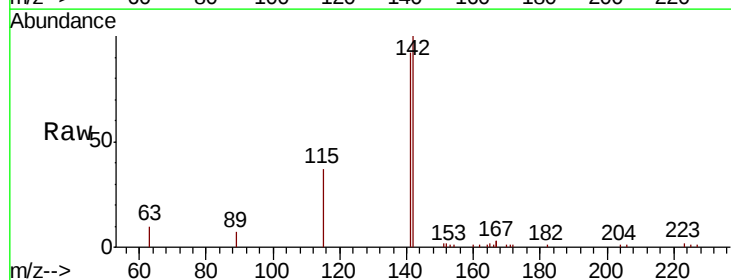
Instrument :
 BNA_E
 ClientSampleId :

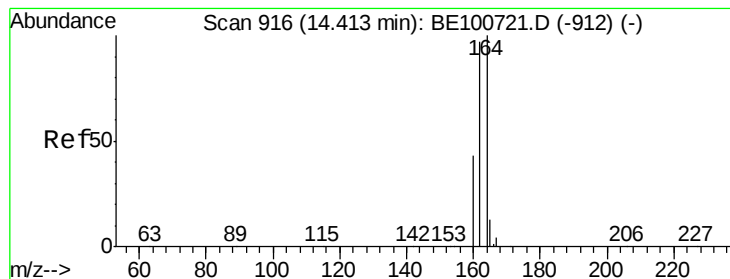
Tot Ion:152 Resp: 4816
 Ion Ratio Lower Upper
 152 100
 151 17.8 14.2 21.4



#12
 2-Methylnaphthalene
 Concen: 0.392 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE100721.D
 Acq: 14 Nov 2019 15:10

Tgt Ion:142 Resp: 5167
 Ion Ratio Lower Upper
 142 100
 141 91.6 73.3 109.9
 115 37.4 29.9 44.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.41 min Scan# 916

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

Instrument :

BNA_E

ClientSampleId :

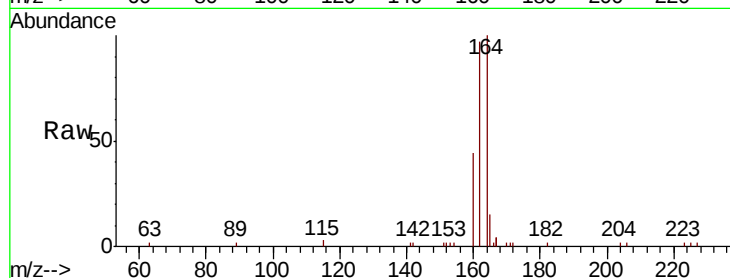
Tot Ion:164 Resp: 4697

Ion Ratio Lower Upper

164 100

162 97.3 77.8 116.8

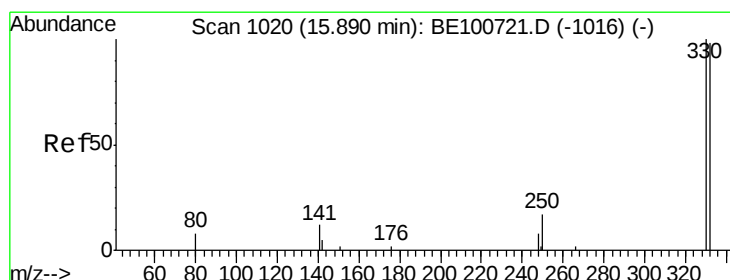
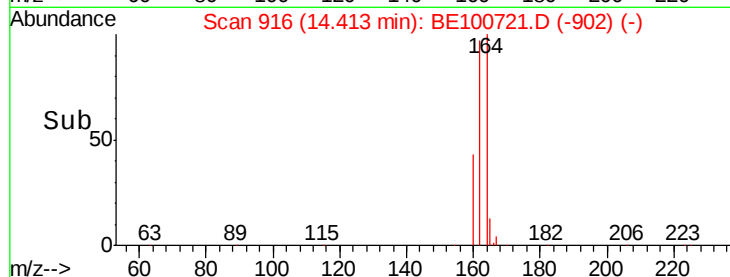
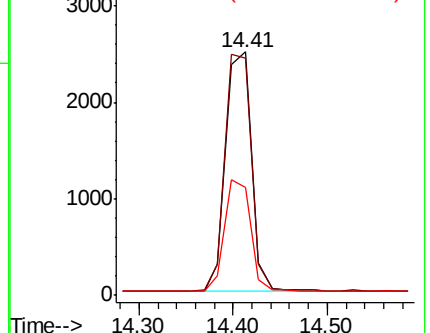
160 44.1 35.3 52.9



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: 0.114 ng

RT: 15.89 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

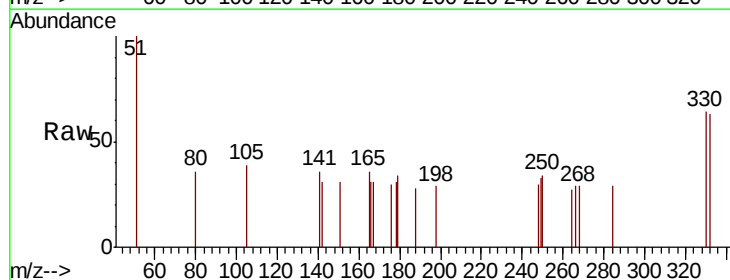
Tgt Ion:330 Resp: 142

Ion Ratio Lower Upper

330 100

332 106.3 85.0 127.6

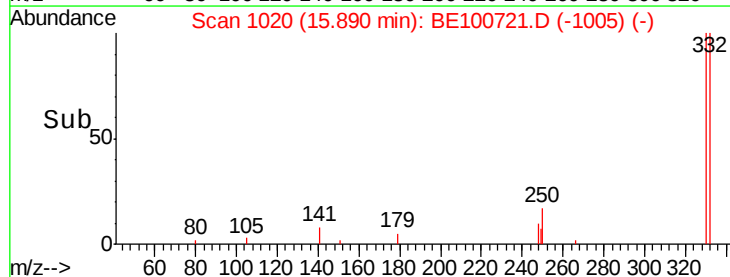
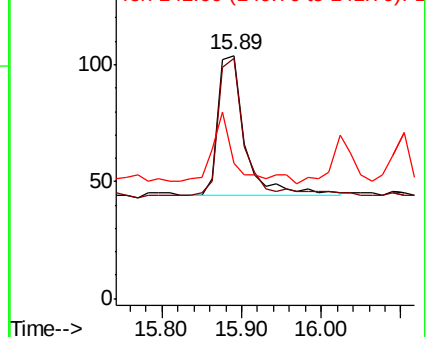
141 35.2 28.2 42.2

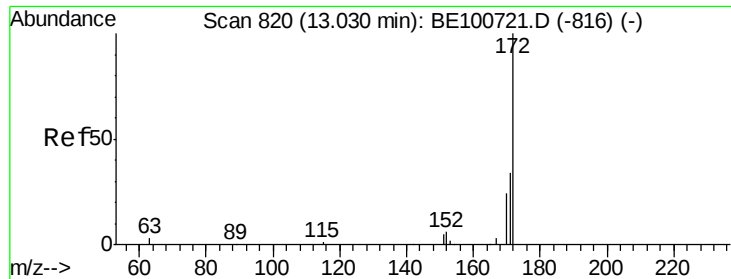


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

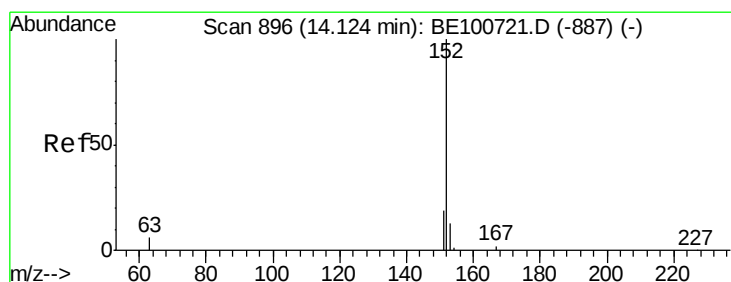
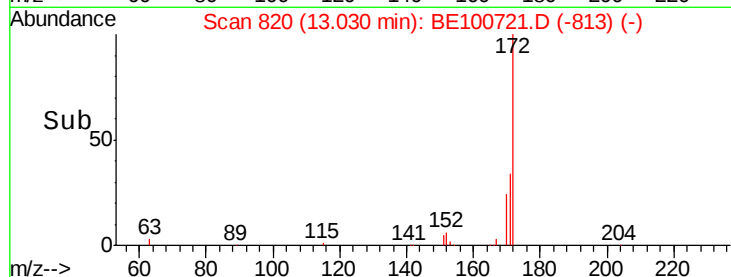
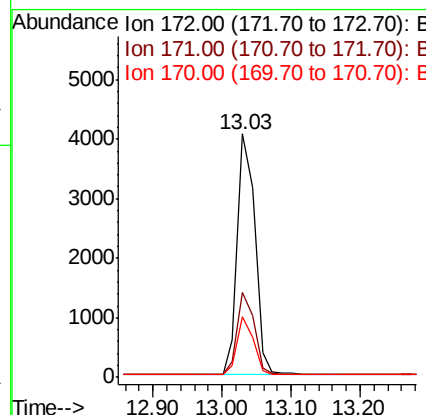
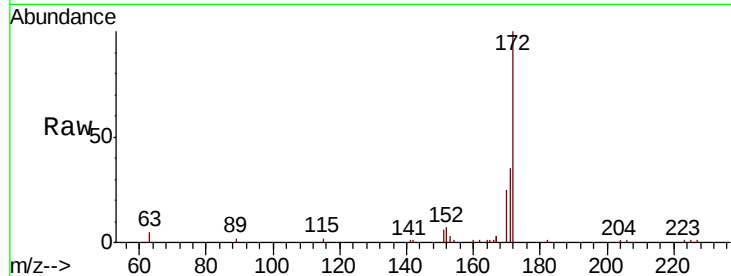




#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100721.D
Acq: 14 Nov 2019 15:10

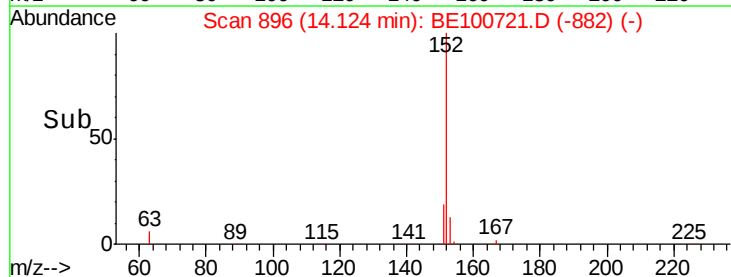
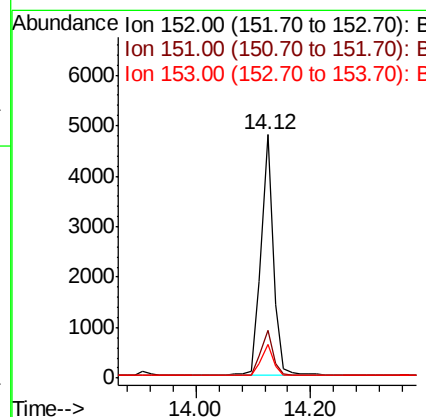
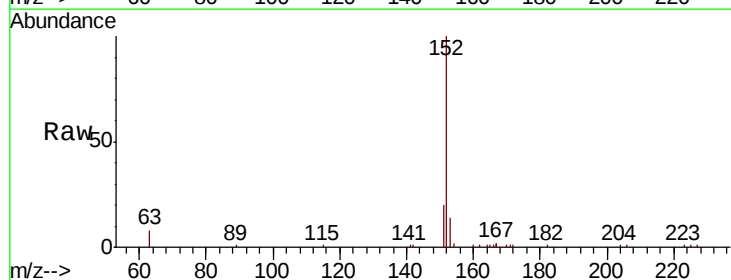
Instrument :
BNA_E
ClientSampled :

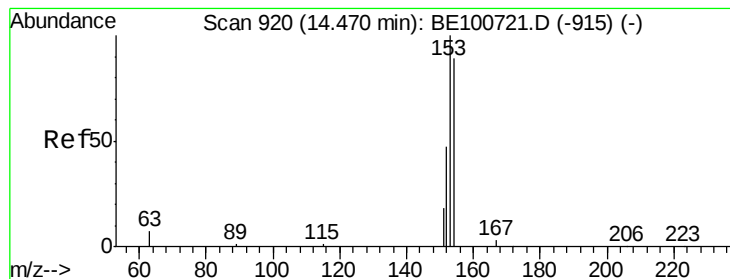
Tot Ion:172 Resp: 7162
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 24.7 19.8 29.6



#16
Acenaphthylene
Concen: 0.367 ng
RT: 14.12 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100721.D
Acq: 14 Nov 2019 15:10

Tgt Ion:152 Resp: 7409
Ion Ratio Lower Upper
152 100
151 18.7 14.9 22.3
153 13.4 10.7 16.1





#17

Acenaphthene

Concen: 0.383 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

Instrument :

BNA_E

ClientSampleId :

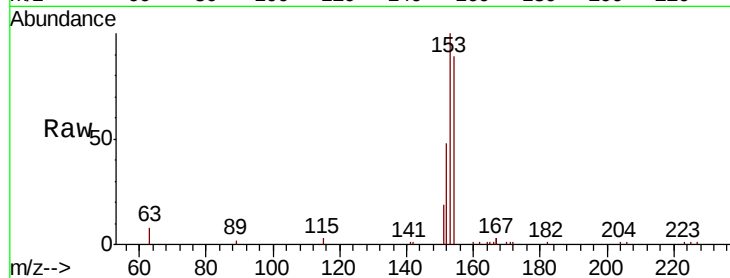
Tot Ion:154 Resp: 4997

Ion Ratio Lower Upper

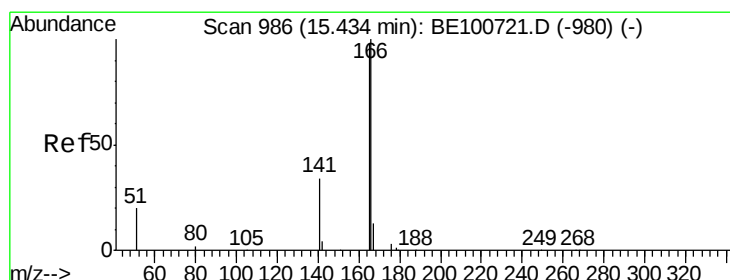
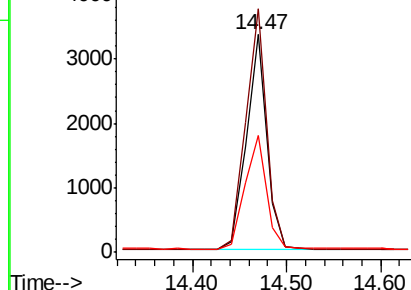
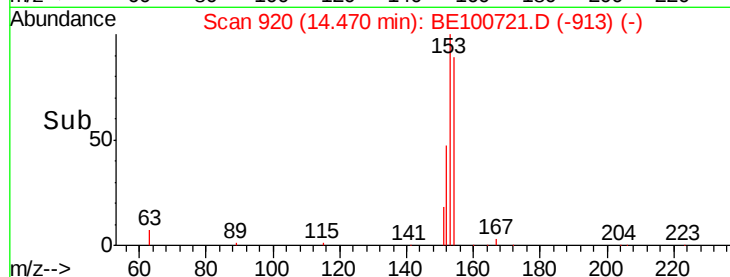
154 100

153 114.9 91.9 137.9

152 56.0 44.8 67.2



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: 0.394 ng

RT: 15.43 min Scan# 986

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

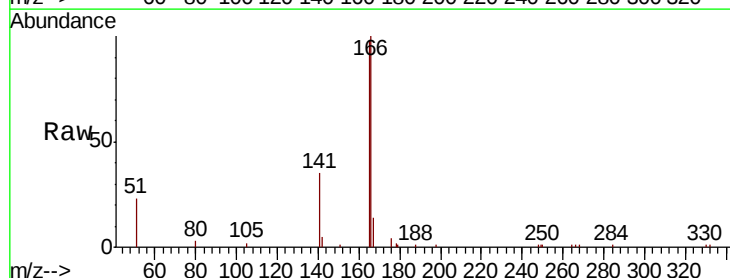
Tgt Ion:166 Resp: 6828

Ion Ratio Lower Upper

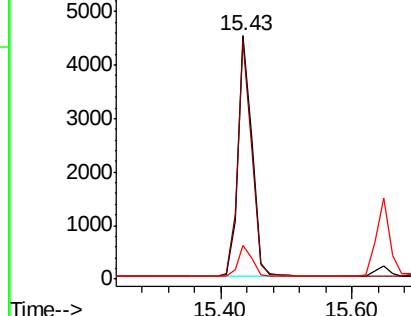
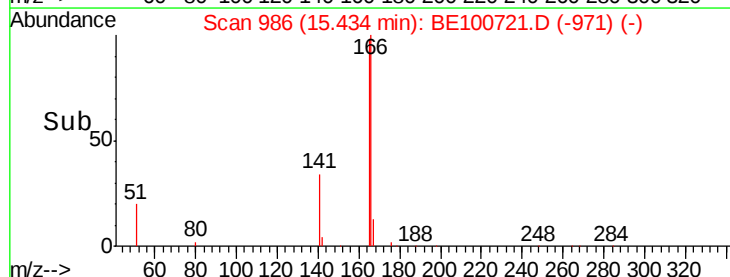
166 100

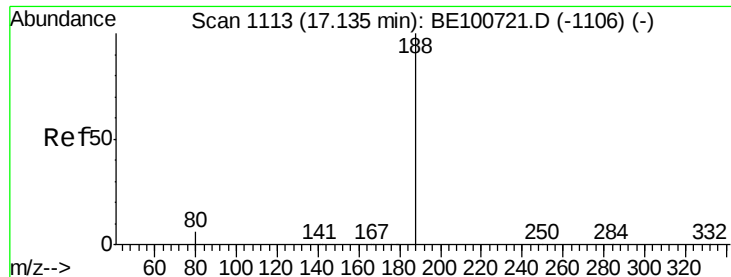
165 97.8 78.2 117.4

167 13.3 10.6 16.0



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: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

Instrument :

BNA_E

ClientSampleId :

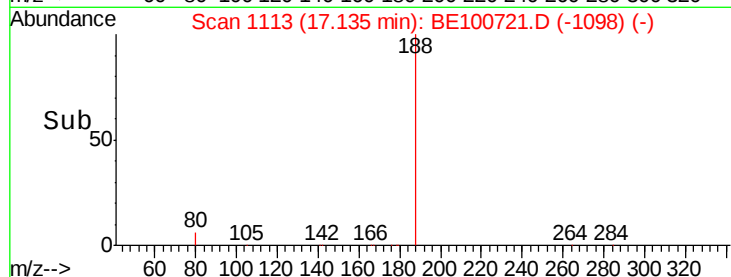
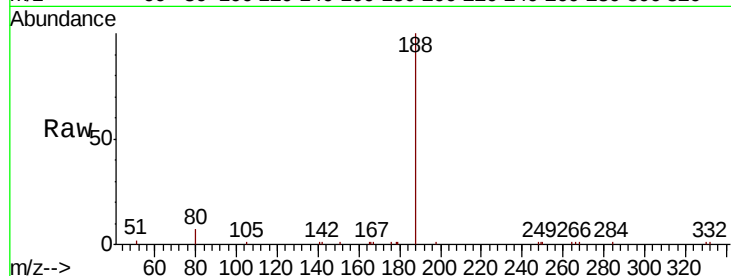
Tot Ion:188 Resp: 11431

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

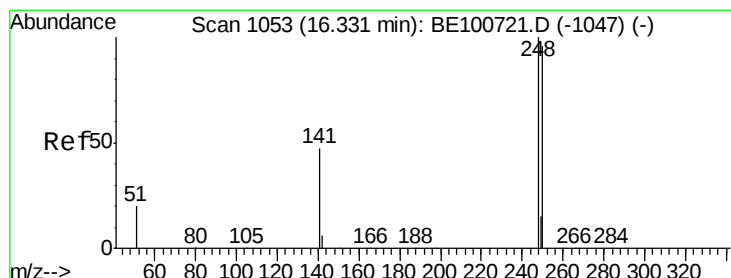
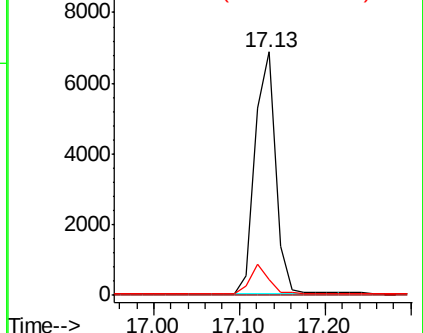
80 6.7 5.4 8.0



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: 0.412 ng

RT: 16.33 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

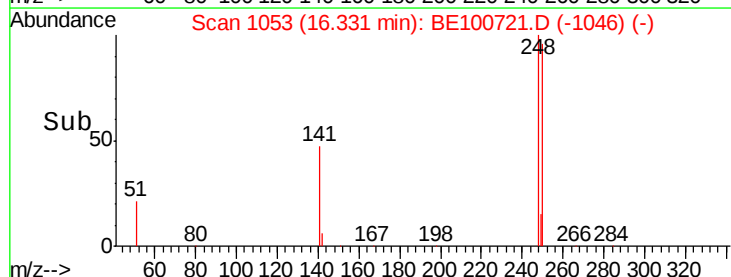
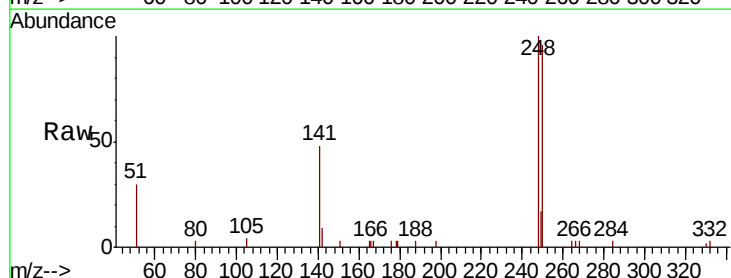
Tgt Ion:248 Resp: 2395

Ion Ratio Lower Upper

248 100

250 96.4 77.1 115.7

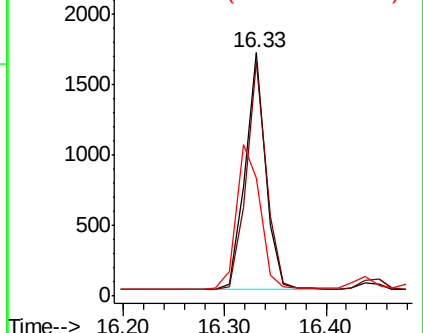
141 48.3 38.6 58.0

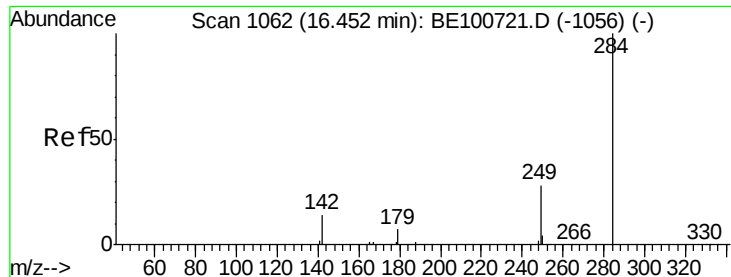


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.417 ng

RT: 16.45 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

Instrument :

BNA_E

ClientSampleId :

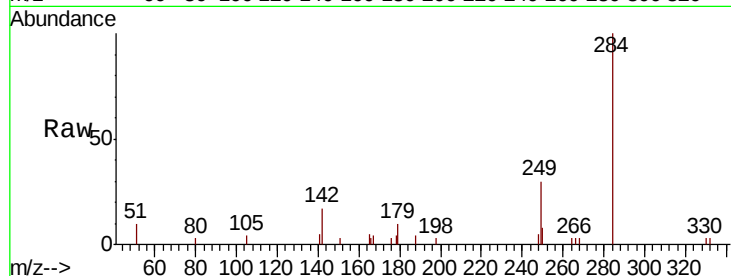
Tot Ion:284 Resp: 2309

Ion Ratio Lower Upper

284 100

142 35.2 28.2 42.2

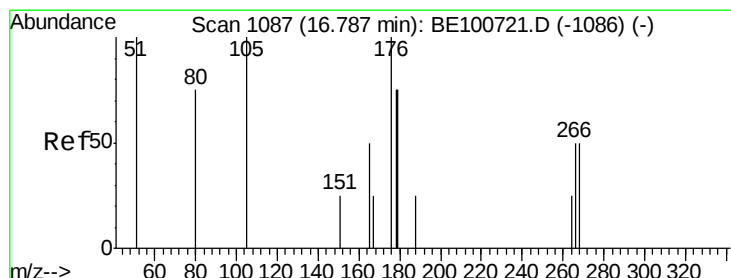
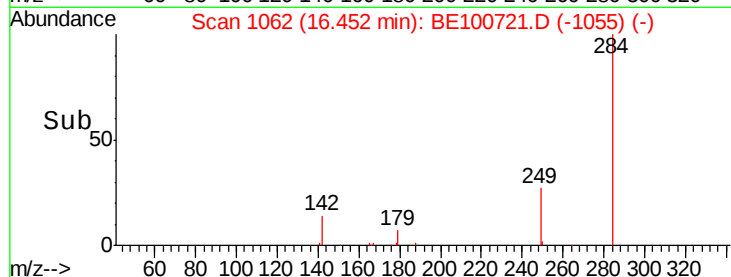
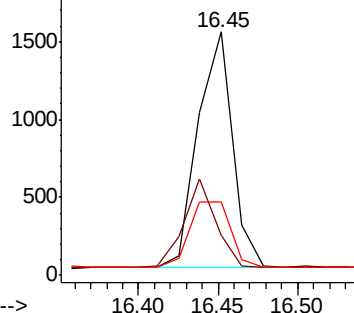
249 33.1 26.5 39.7



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: 0.003 ng

RT: 16.79 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

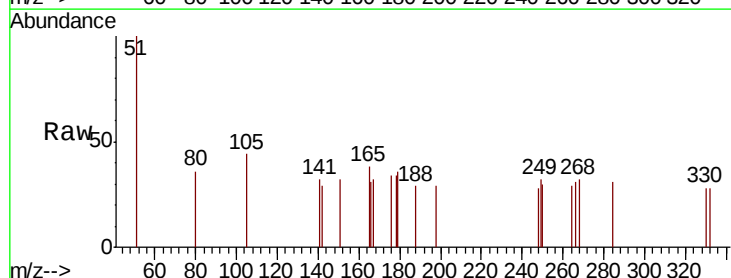
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.8 75.0 112.6

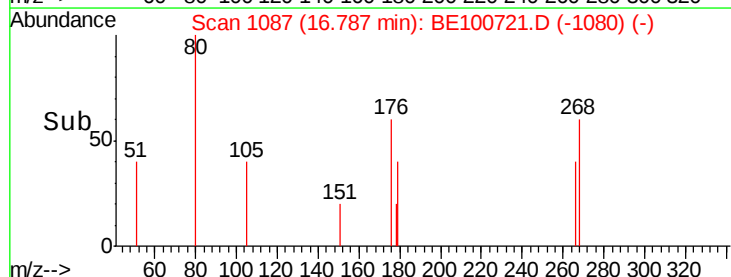
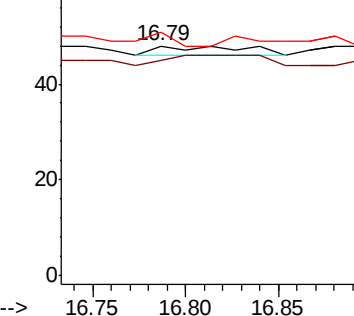
268 106.3 85.0 127.6

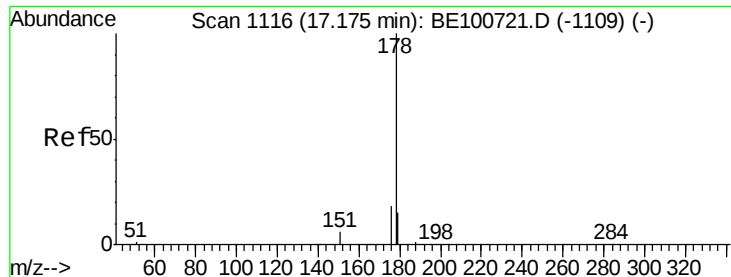


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.395 ng

RT: 17.17 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

Instrument :

BNA_E

ClientSampled :

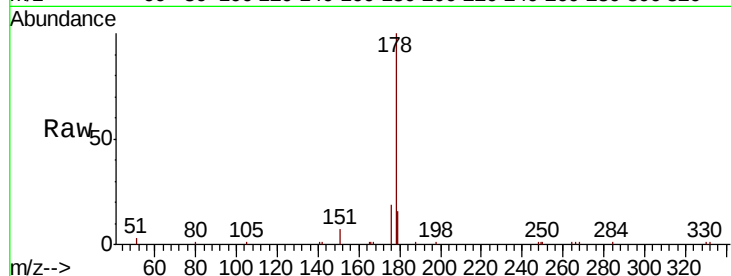
Tot Ion:178 Resp: 12421

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

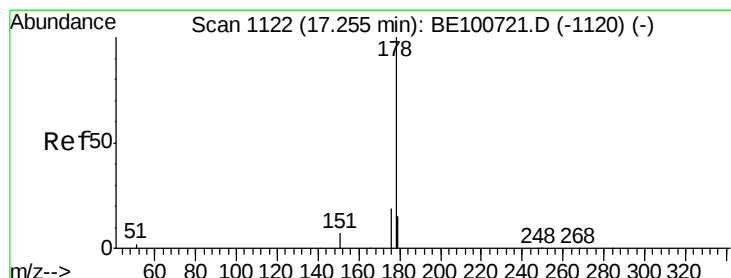
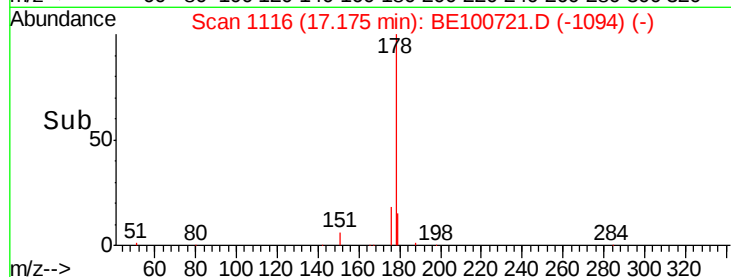
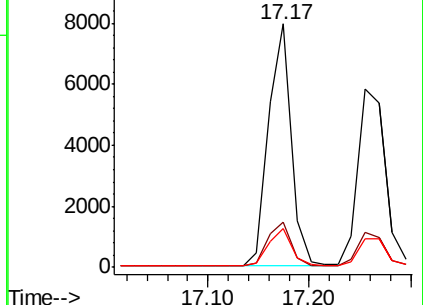
179 15.7 12.6 18.8



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: 0.364 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

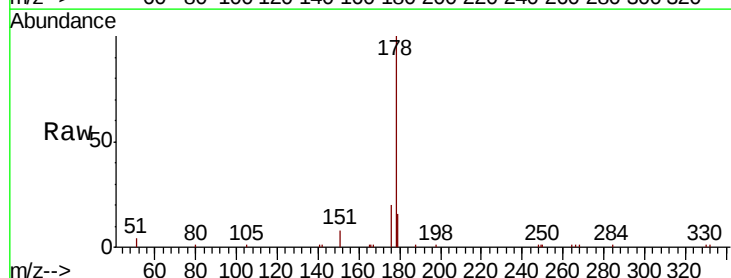
Tgt Ion:178 Resp: 10629

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

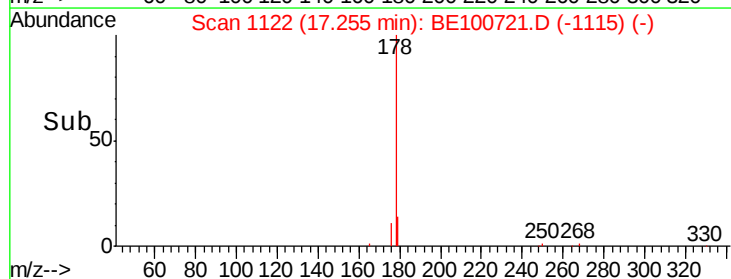
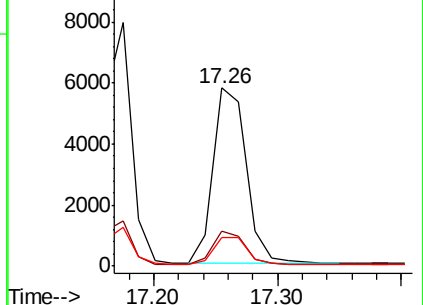
179 15.7 12.6 18.8

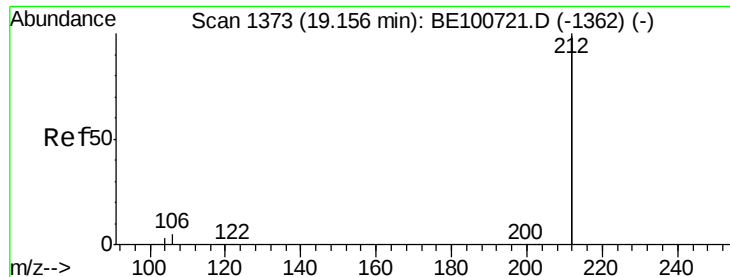


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.403 ng

RT: 19.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

Instrument :

BNA_E

ClientSampleId :

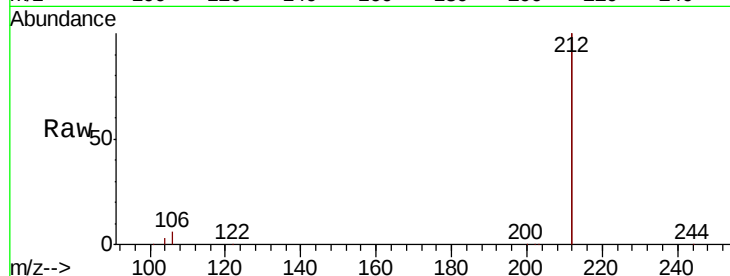
Tot Ion:212 Resp: 59460

Ion Ratio Lower Upper

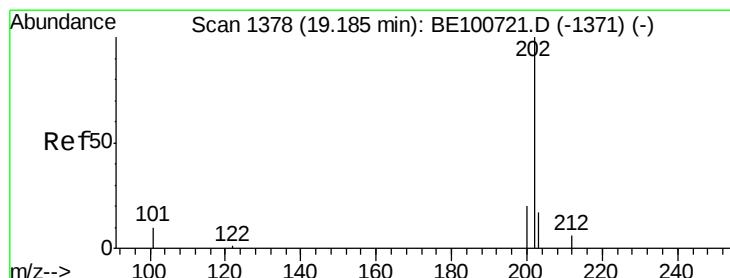
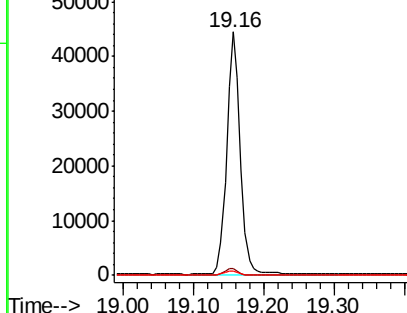
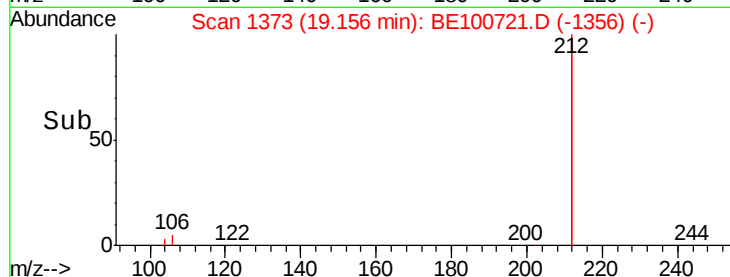
212 100

106 2.8 2.2 3.4

104 1.5 1.2 1.8



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: 0.393 ng

RT: 19.18 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

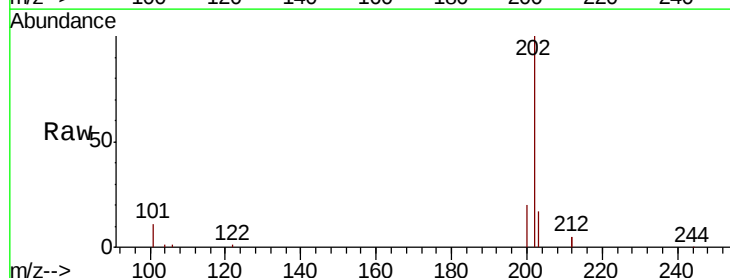
Tgt Ion:202 Resp: 16109

Ion Ratio Lower Upper

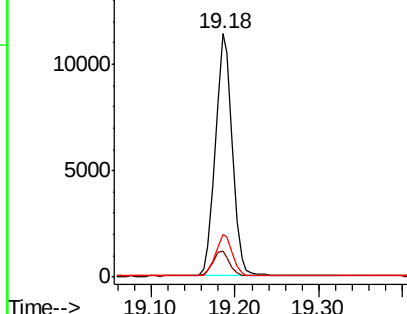
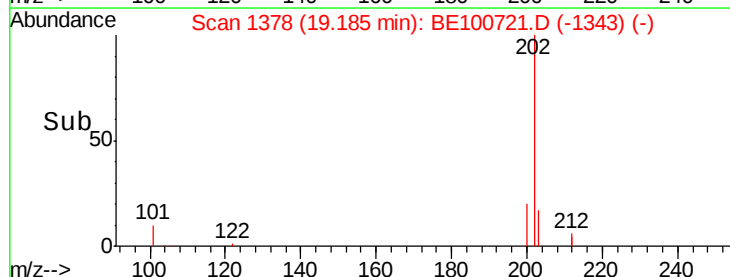
202 100

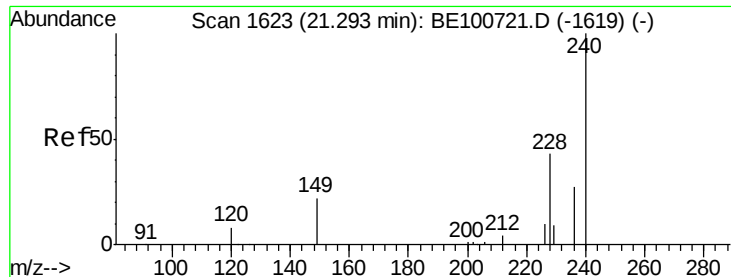
101 10.7 8.6 12.8

203 17.0 13.6 20.4



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

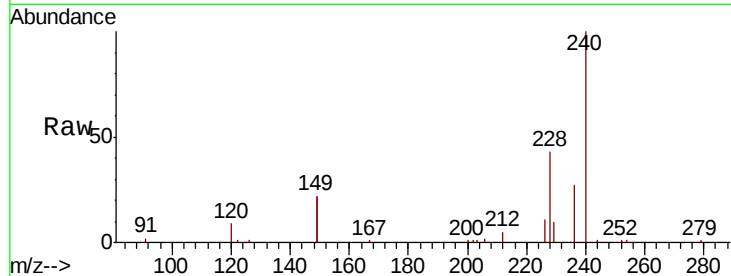




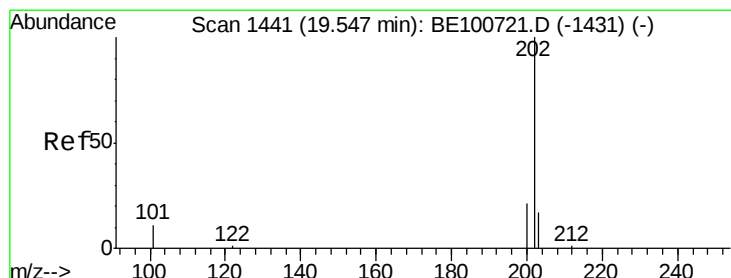
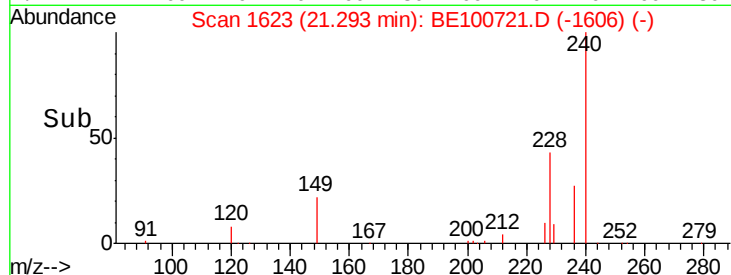
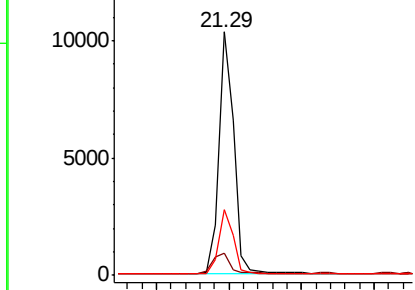
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100721.D
Acq: 14 Nov 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 14808
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 27.2 21.8 32.6

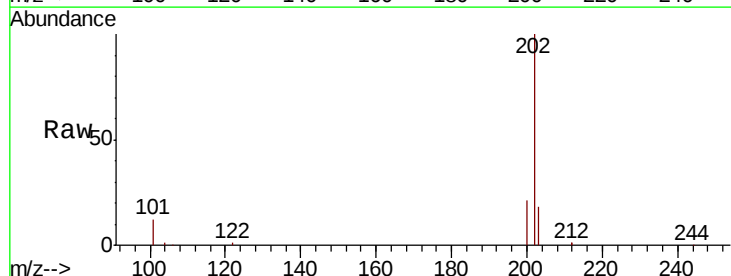


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

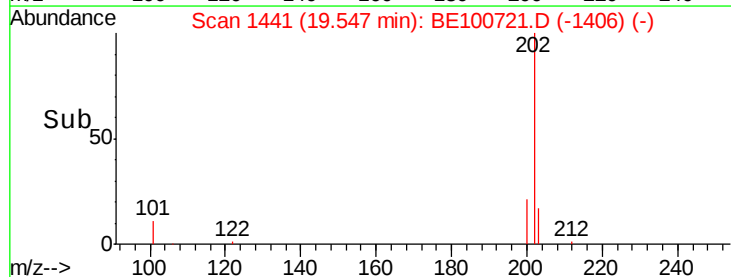
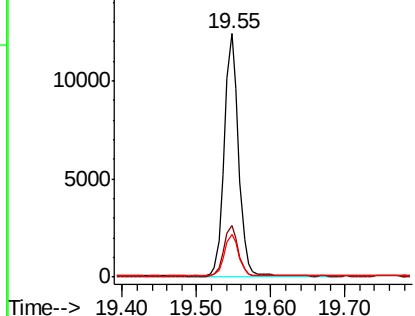


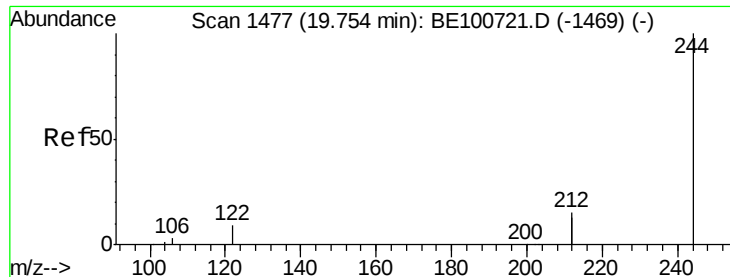
#28
Pyrene
Concen: 0.399 ng
RT: 19.55 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BE100721.D
Acq: 14 Nov 2019 15:10

Tgt Ion:202 Resp: 16514
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.5 14.0 21.0



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: 0.440 ng

RT: 19.75 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

Instrument :

BNA_E

ClientSampleId :

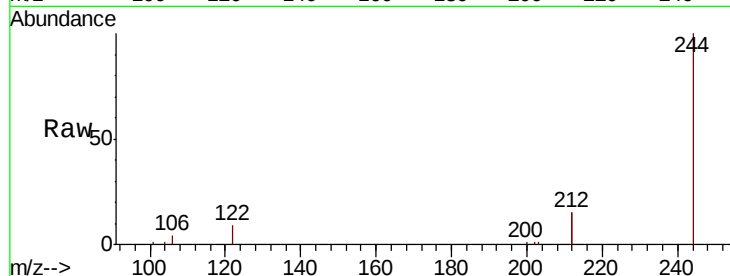
Tot Ion:244 Resp: 14234

Ion Ratio Lower Upper

244 100

212 30.4 24.3 36.5

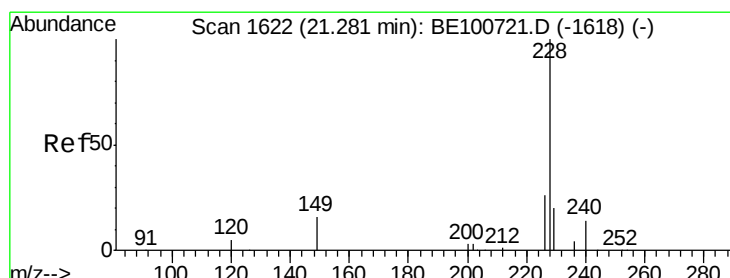
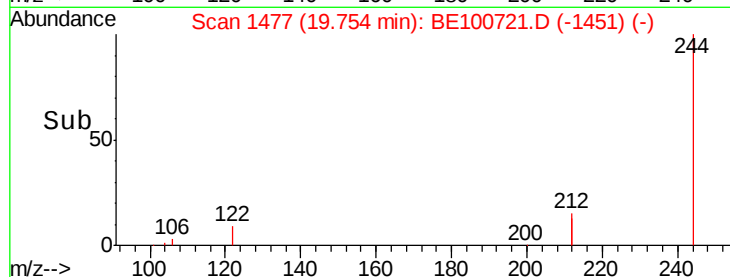
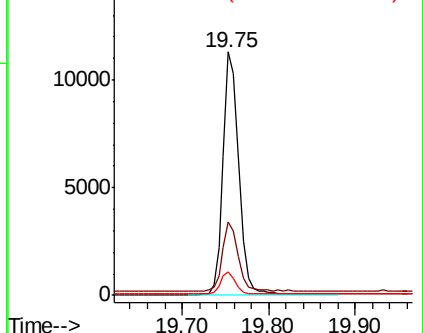
122 9.5 7.6 11.4



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: 0.397 ng

RT: 21.28 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

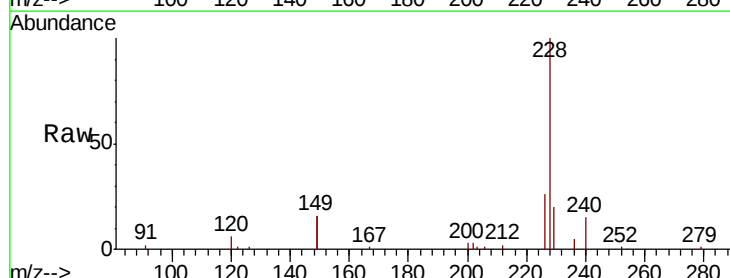
Tgt Ion:228 Resp: 19194

Ion Ratio Lower Upper

228 100

226 26.4 21.1 31.7

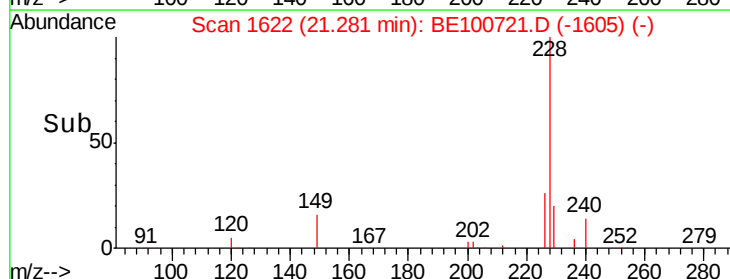
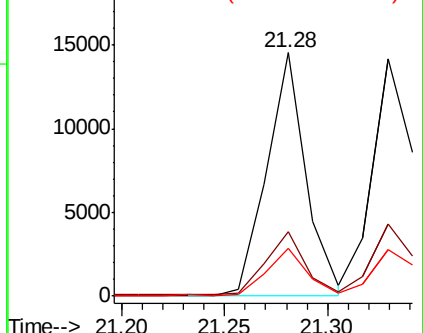
229 19.9 15.9 23.9

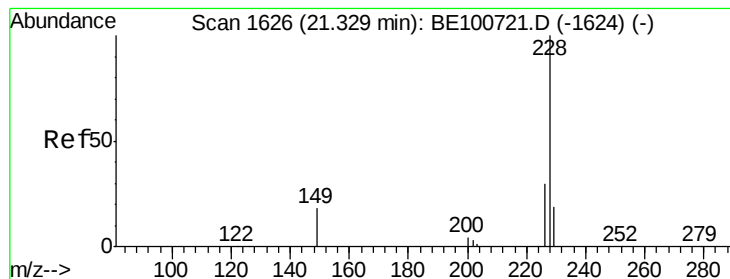


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.409 ng

RT: 21.33 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

Instrument :

BNA_E

ClientSampleId :

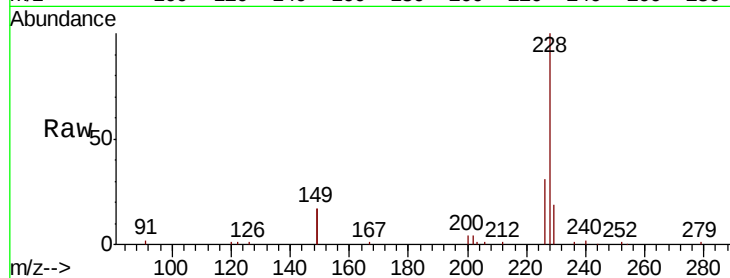
Tot Ion:228 Resp: 19720

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 19.4 15.5 23.3

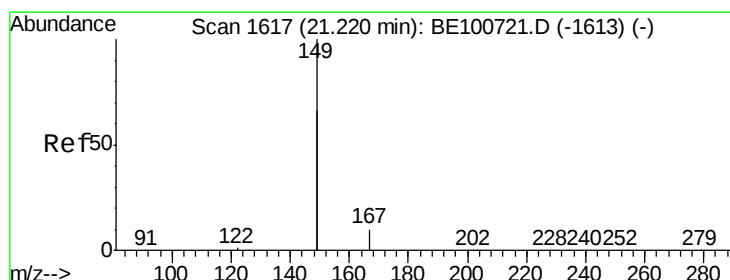
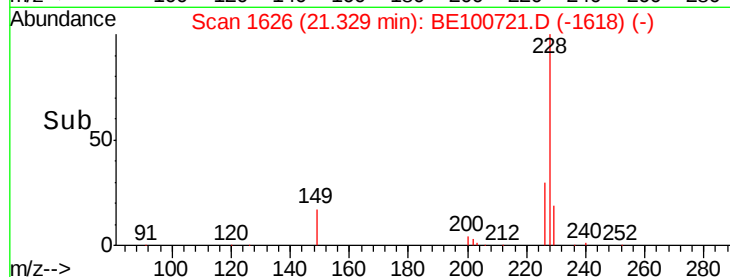
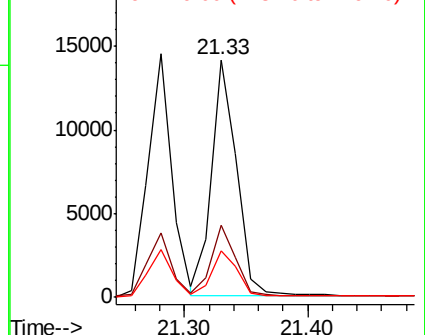


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.301 ng

RT: 21.22 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

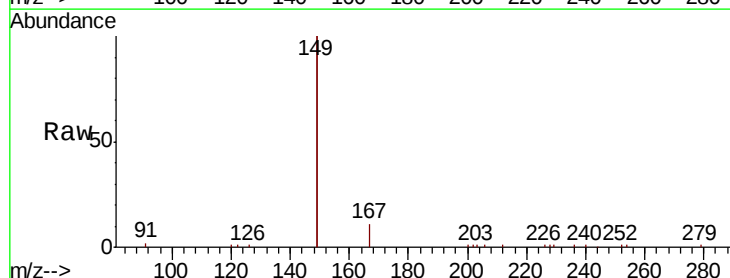
Tgt Ion:149 Resp: 30458

Ion Ratio Lower Upper

149 100

167 6.5 5.2 7.8

279 1.2 0.9 1.3

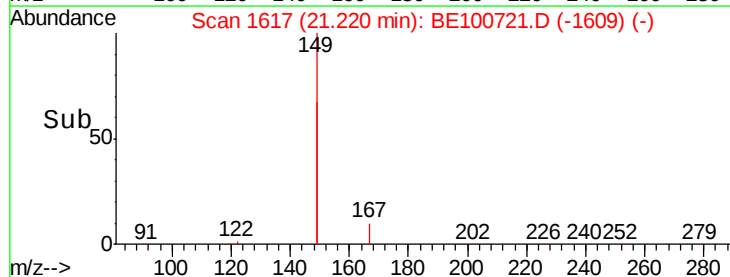
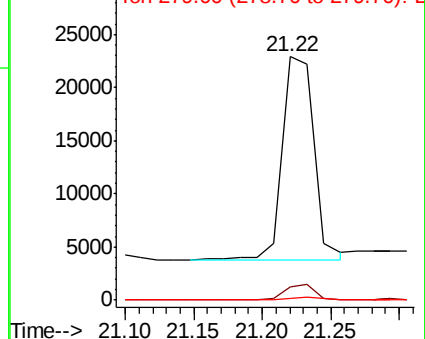


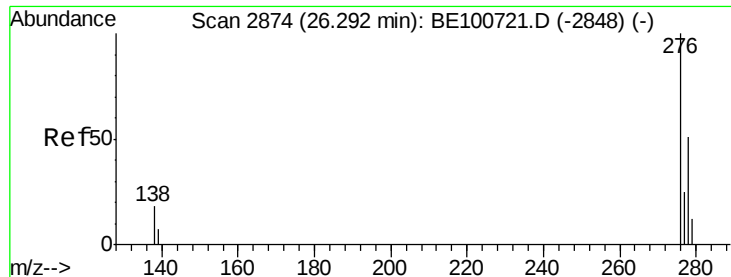
Abundance

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: 0.392 ng

RT: 26.29 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

Instrument :

BNA_E

ClientSampleId :

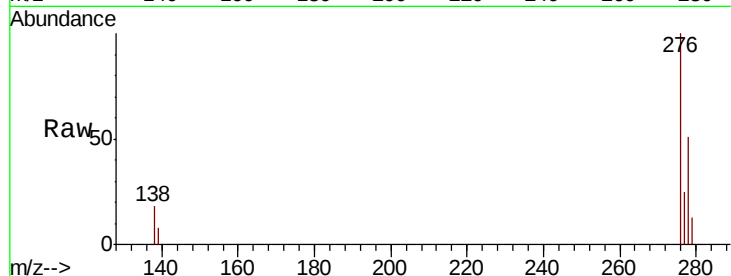
Tot Ion:276 Resp: 23277

Ion Ratio Lower Upper

276 100

138 18.5 14.8 22.2

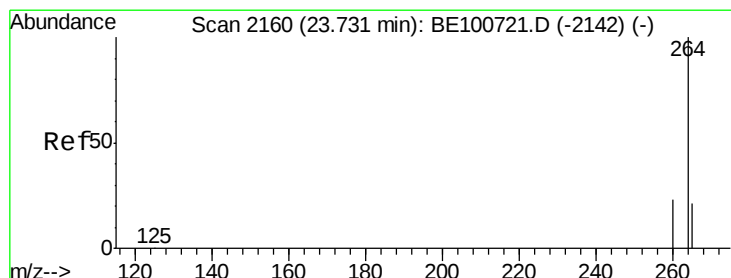
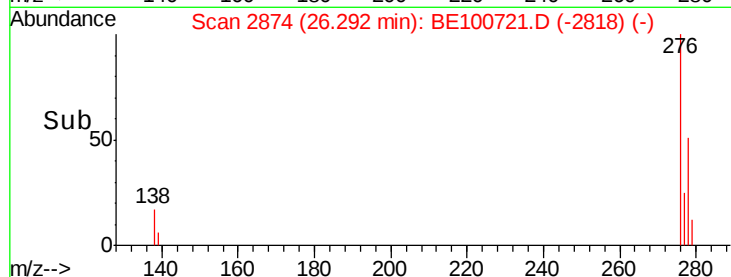
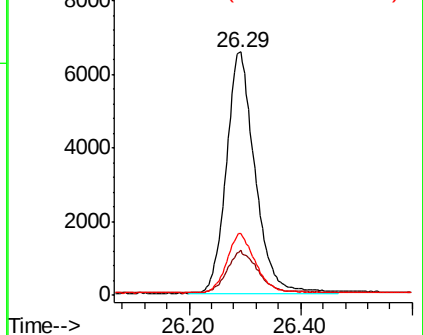
277 24.5 19.6 29.4



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: 23.73 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

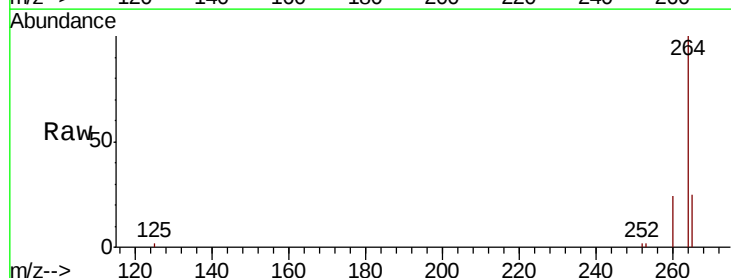
Tgt Ion:264 Resp: 16897

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

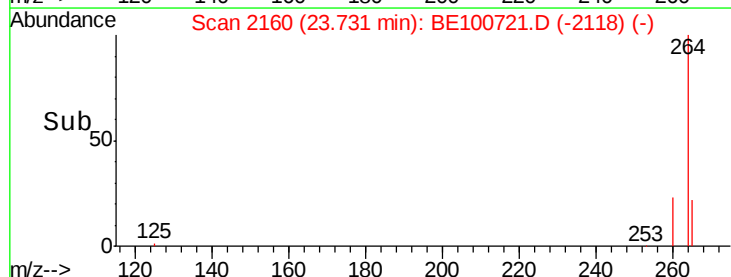
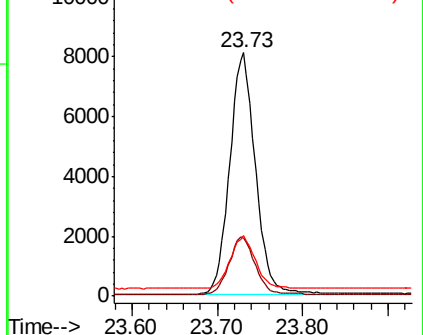
265 24.6 19.7 29.5

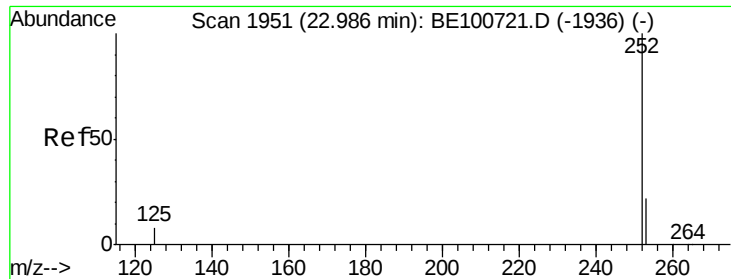


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.404 ng

RT: 22.99 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

Instrument :

BNA_E

ClientSampled :

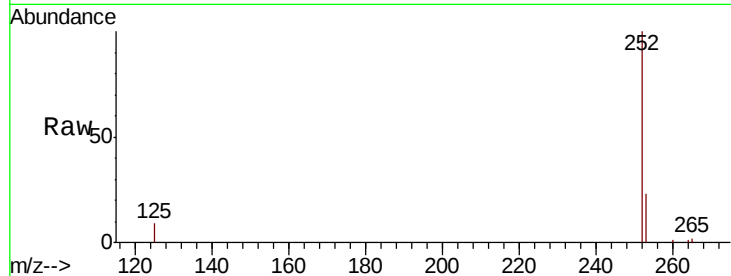
Tot Ion:252 Resp: 19906

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

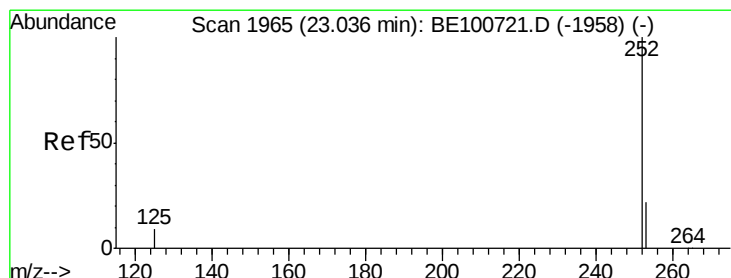
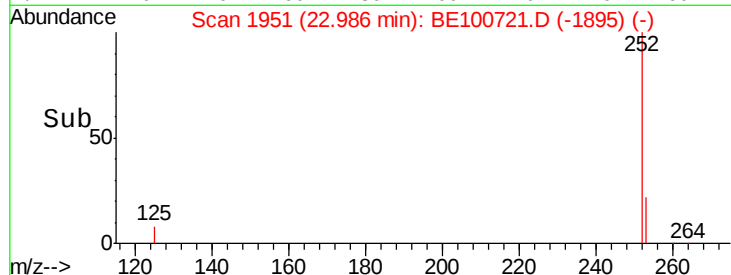
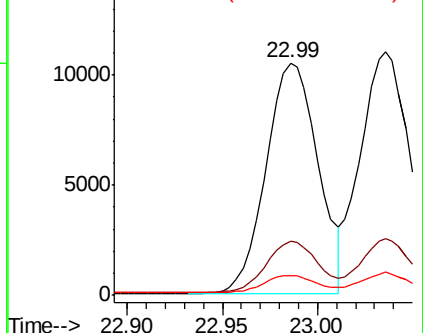
125 8.7 7.0 10.4



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: 0.409 ng

RT: 23.04 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

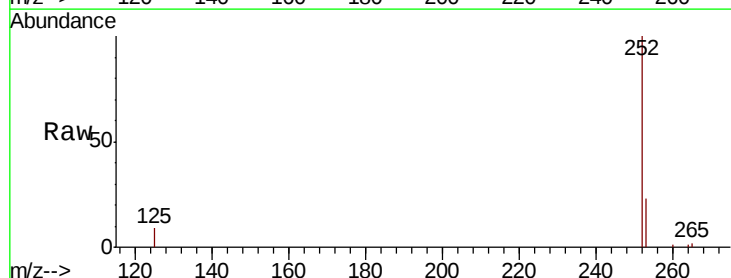
Tgt Ion:252 Resp: 20706

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

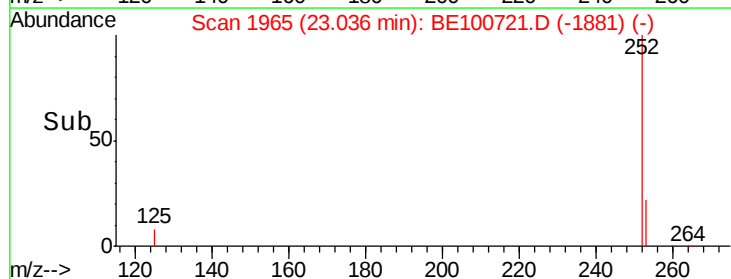
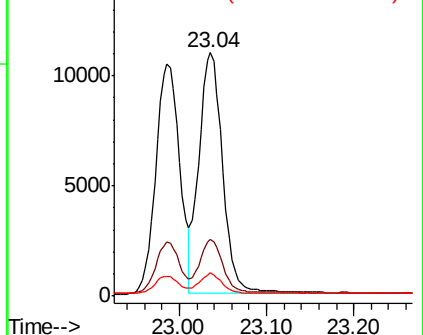
125 9.5 7.6 11.4

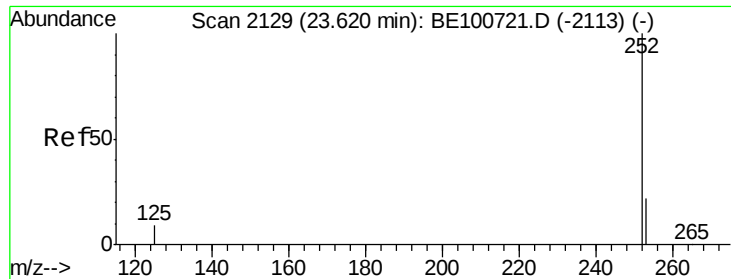


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

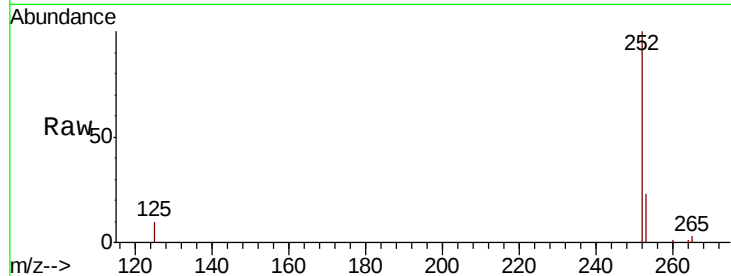




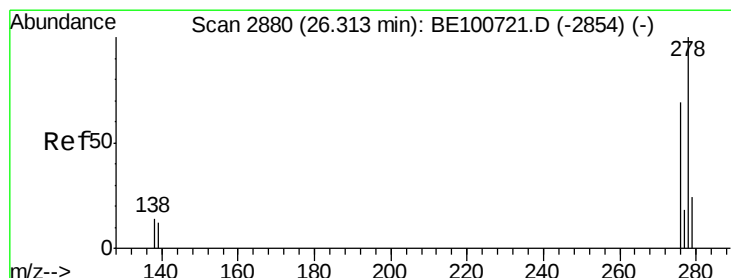
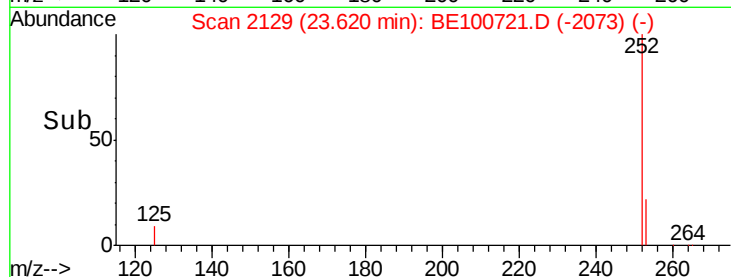
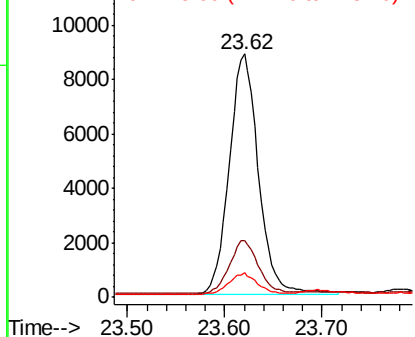
#37
Benzo(a)pyrene
Concen: 0.405 ng
RT: 23.62 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BE100721.D
Acq: 14 Nov 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 18568
Ion Ratio Lower Upper
252 100
253 23.3 18.6 28.0
125 9.9 7.9 11.9

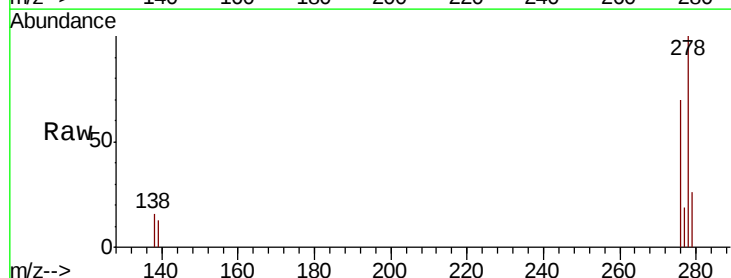


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

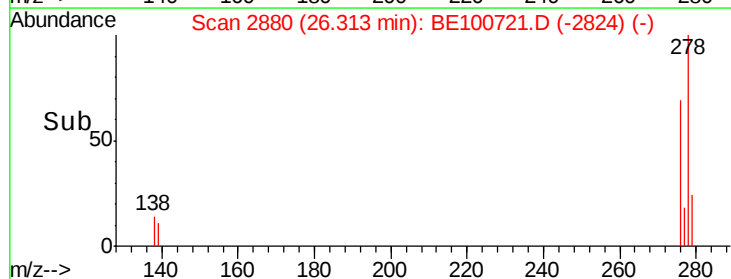
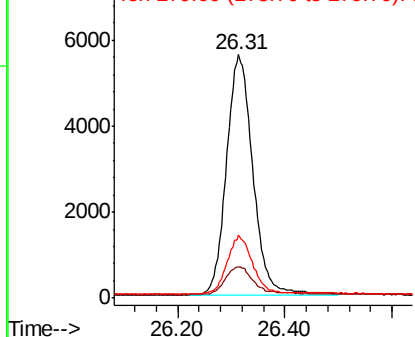


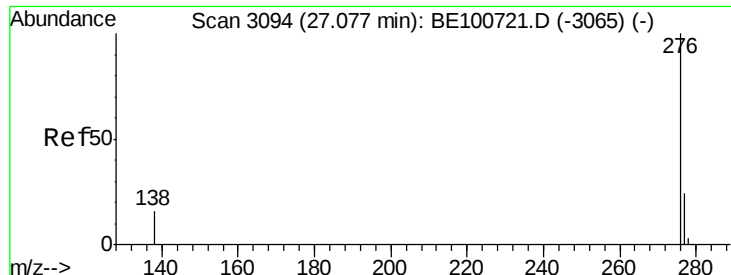
#38
Dibenzo(a,h)anthracene
Concen: 0.407 ng
RT: 26.31 min Scan# 2880
Delta R.T. 0.00 min
Lab File: BE100721.D
Acq: 14 Nov 2019 15:10

Tgt Ion:278 Resp: 19276
Ion Ratio Lower Upper
278 100
139 12.9 10.3 15.5
279 25.8 20.6 31.0



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: 0.399 ng

RT: 27.08 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BE100721.D

Acq: 14 Nov 2019 15:10

Instrument :

BNA_E

ClientSampleId :

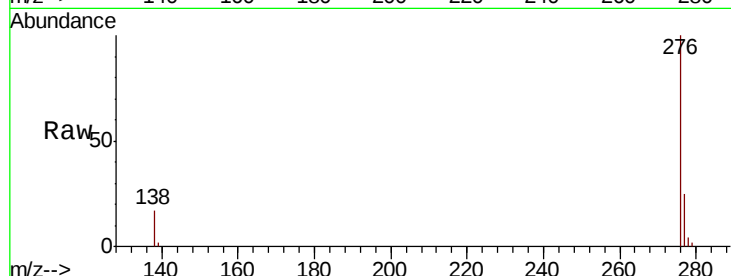
Tot Ion: 276 Resp: 19016

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.6

138 17.0 13.6 20.4



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

