

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110719\
 Data File : BE100700.D
 Acq On : 7 Nov 2019 13:57
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 07 16:47:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	4573	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	19556	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	13156	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	33462	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	40345	0.40	ng	0.00
34) Perylene-d12	23.82	264	46317	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.43	112	5579	0.40	ng	0.00
5) Phenol-d6	7.01	99	8718	0.44	ng	0.00
8) Nitrobenzene-d5	8.99	82	6249	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	11927	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1761	0.51	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	20324	0.42	ng	0.00
25) Fluoranthene-d10	19.21	212	160467	0.37	ng	0.00
29) Terphenyl-d14	19.82	244	41034	0.47	ng	0.00

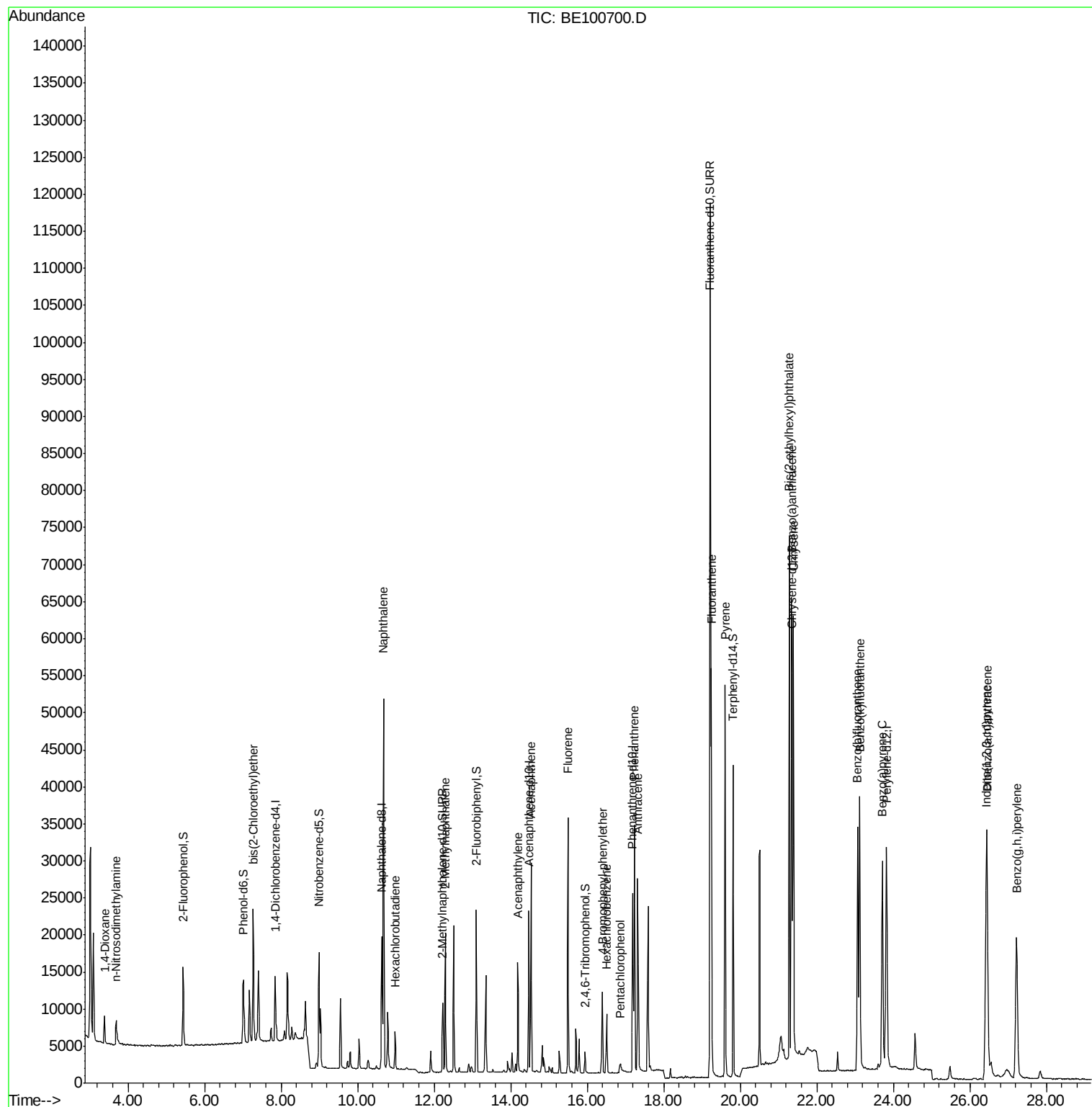
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	2951	0.362	ng	94
3) n-Nitrosodimethylamine	3.68	42	3108	0.360	ng	# 97
6) bis(2-Chloroethyl)ether	7.27	93	6460	0.395	ng	98
9) Naphthalene	10.68	128	81030	0.394	ng	100
10) Hexachlorobutadiene	10.98	225	3568	0.399	ng	98
12) 2-Methylnaphthalene	12.30	142	13712	0.391	ng	99
16) Acenaphthylene	14.18	152	19125	0.338	ng	100
17) Acenaphthene	14.53	154	13868	0.379	ng	97
18) Fluorene	15.50	166	18687	0.385	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	6061	0.356	ng	93
21) Hexachlorobenzene	16.50	284	6161	0.380	ng	99
22) Pentachlorophenol	16.87	266	1129	0.216	ng	97
23) Phenanthrene	17.23	178	37004	0.402	ng	100
24) Anthracene	17.32	178	28979	0.339	ng	99
26) Fluoranthene	19.24	202	47070	0.392	ng	100
28) Pyrene	19.60	202	48633	0.431	ng	100
30) Benzo(a)anthracene	21.34	228	48255	0.367	ng	99
31) Chrysene	21.39	228	49951	0.380	ng	98
32) Bis(2-ethylhexyl)phthalate	21.28	149	74818	0.272	ng	100
33) Indeno(1,2,3-cd)pyrene	26.42	276	54838	0.339	ng	99
35) Benzo(b)fluoranthene	23.07	252	48507	0.359	ng	99
36) Benzo(k)fluoranthene	23.12	252	51513	0.371	ng	98
37) Benzo(a)pyrene	23.71	252	45573	0.363	ng	99
38) Dibenzo(a,h)anthracene	26.45	278	44899	0.346	ng	99
39) Benzo(g,h,i)perylene	27.22	276	48361	0.370	ng	100

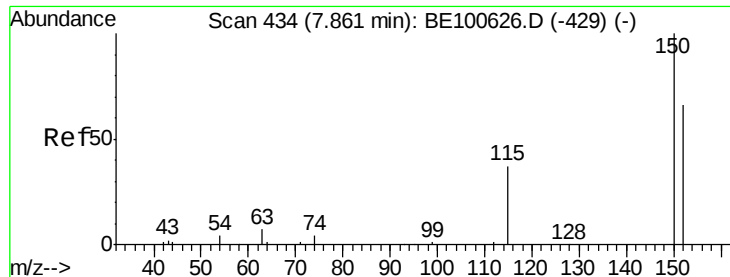
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. 0.00 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

Instrument :

BNA_E

ClientSampleId :

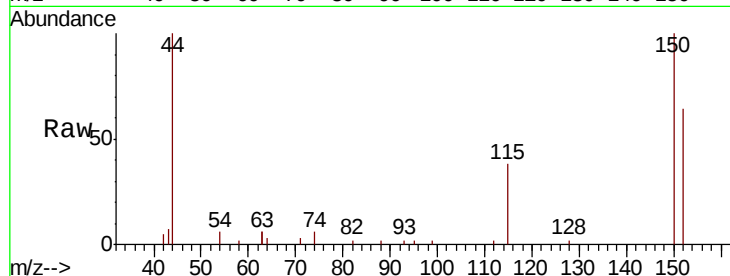
Tot Ion:152 Resp: 4573

Ion Ratio Lower Upper

152 100

150 156.4 123.3 184.9

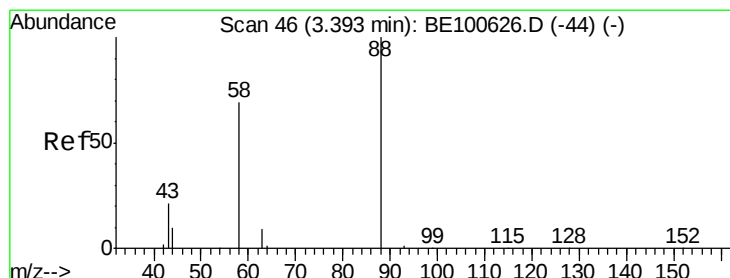
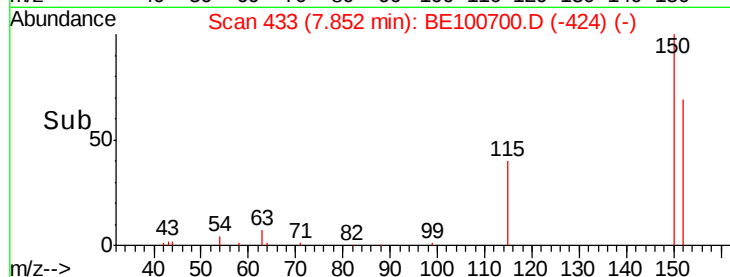
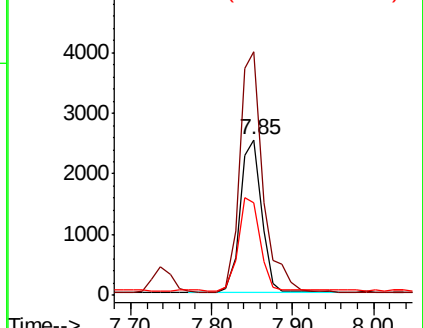
115 59.4 51.9 77.9



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: 0.362 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

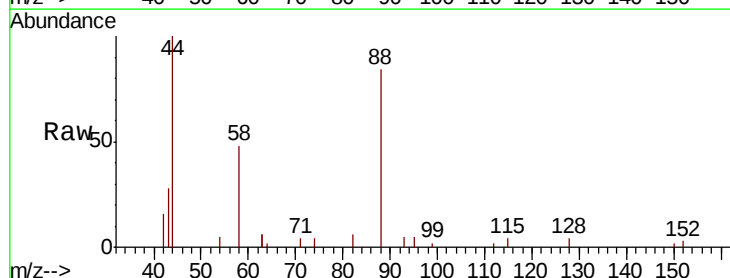
Tgt Ion: 88 Resp: 2951

Ion Ratio Lower Upper

88 100

58 81.4 59.8 89.6

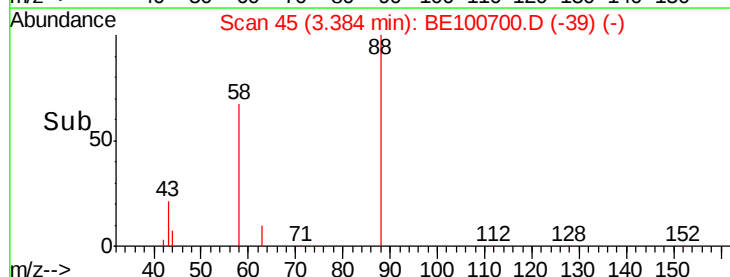
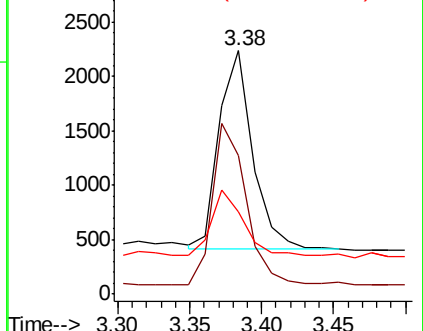
43 30.9 24.6 36.8

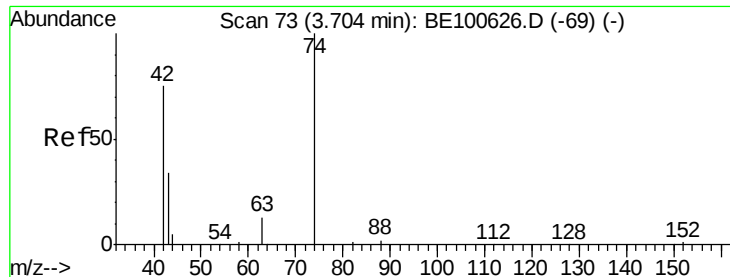


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1



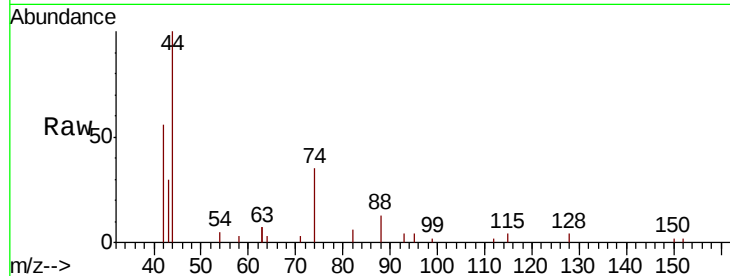


#3

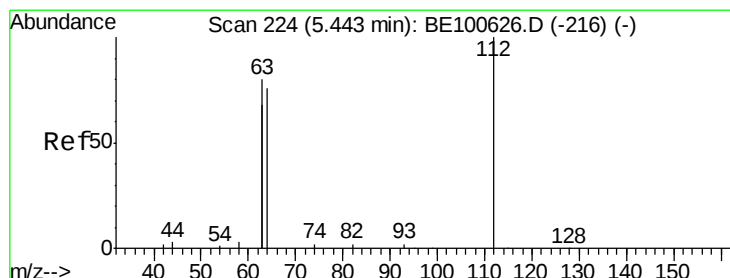
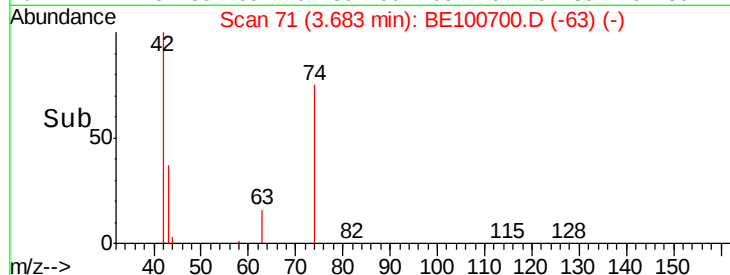
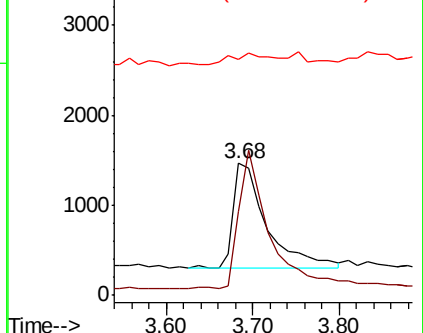
n-Nitrosodimethylamine
 Concen: 0.360 ng
 RT: 3.68 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BE100700.D
 Acq: 7 Nov 2019 13:57

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 3108
 Ion Ratio Lower Upper
 42 100
 74 121.0 97.2 145.8
 44 13.1 16.6 24.8#



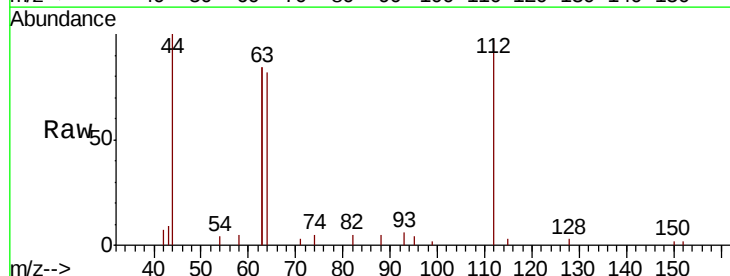
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



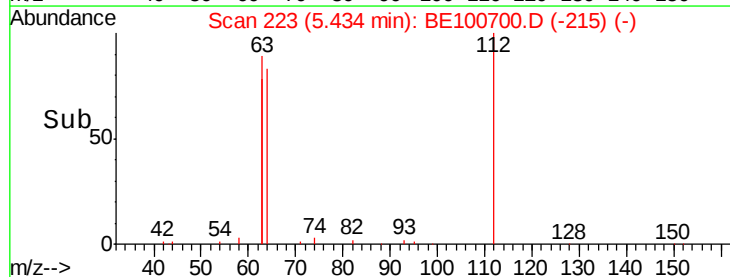
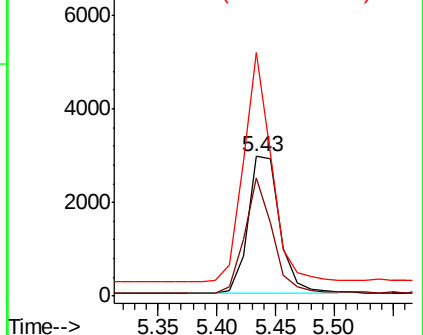
#4

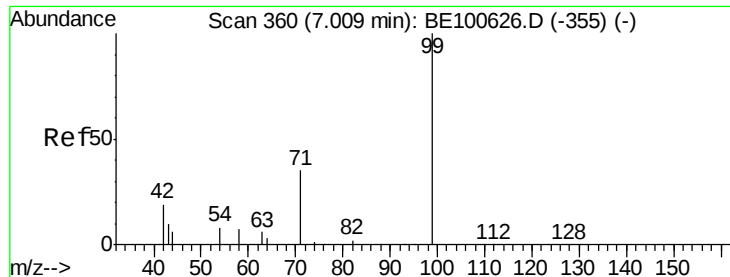
2-Fluorophenol
 Concen: 0.395 ng
 RT: 5.43 min Scan# 223
 Delta R.T. -0.01 min
 Lab File: BE100700.D
 Acq: 7 Nov 2019 13:57

Tgt Ion: 112 Resp: 5579
 Ion Ratio Lower Upper
 112 100
 64 72.0 55.4 83.2
 63 144.9 114.2 171.4



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: 0.438 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

Instrument :

BNA_E

ClientSampleId :

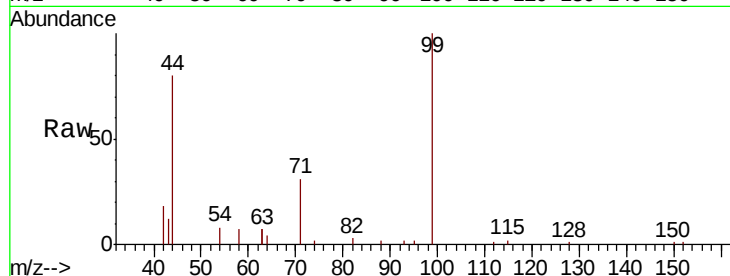
Tot Ion: 99 Resp: 8718

Ion Ratio Lower Upper

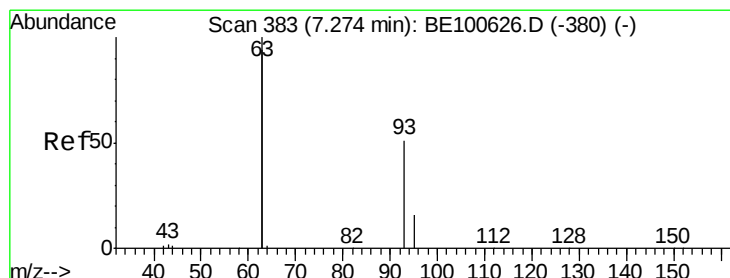
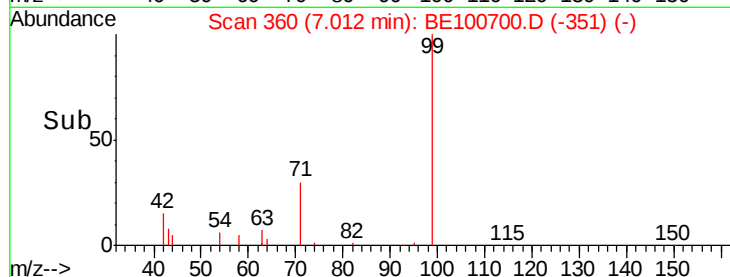
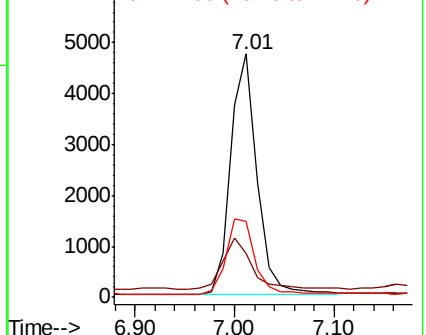
99 100

42 22.1 17.7 26.5

71 34.2 27.4 41.0



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: 0.395 ng

RT: 7.27 min Scan# 382

Delta R.T. -0.01 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

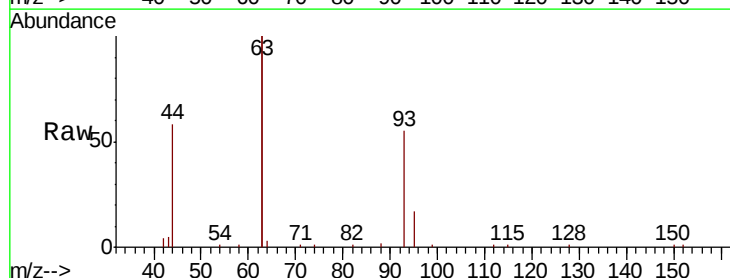
Tgt Ion: 93 Resp: 6460

Ion Ratio Lower Upper

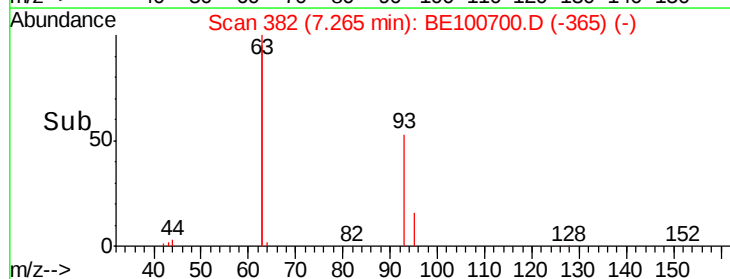
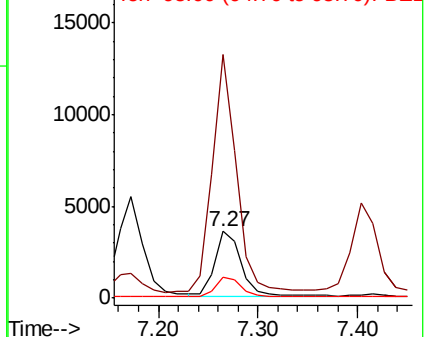
93 100

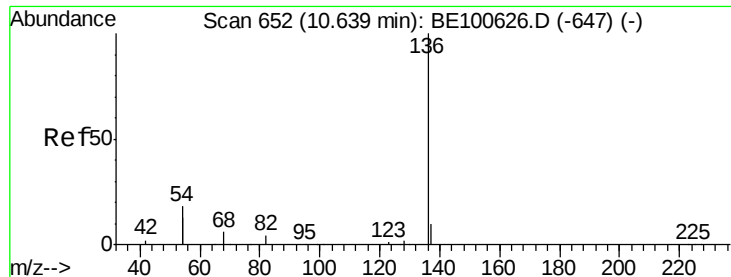
63 332.9 268.8 403.2

95 30.7 25.6 38.4



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: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 19556

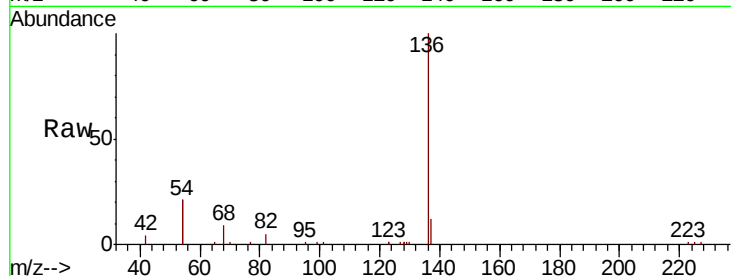
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 42.7 39.4 59.2

68 8.7 8.0 12.0

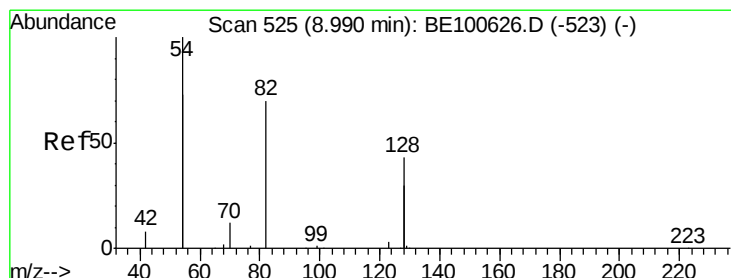
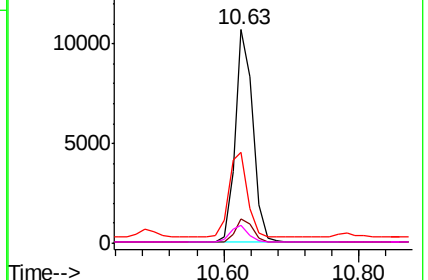
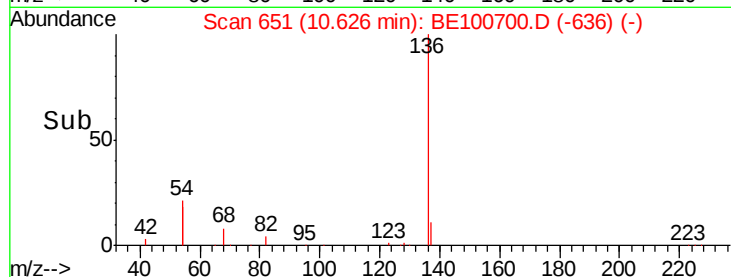


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.516 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

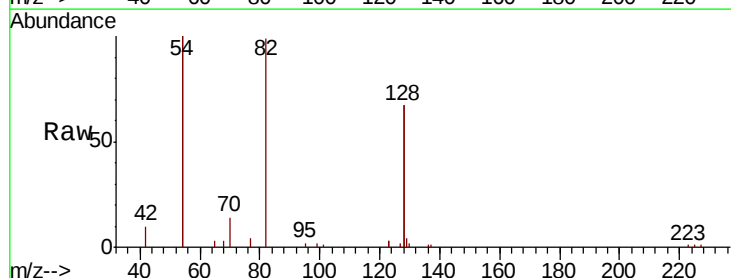
Tgt Ion: 82 Resp: 6249

Ion Ratio Lower Upper

82 100

128 135.1 107.8 161.8

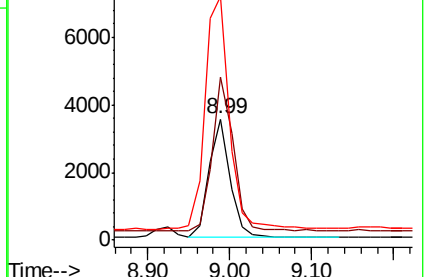
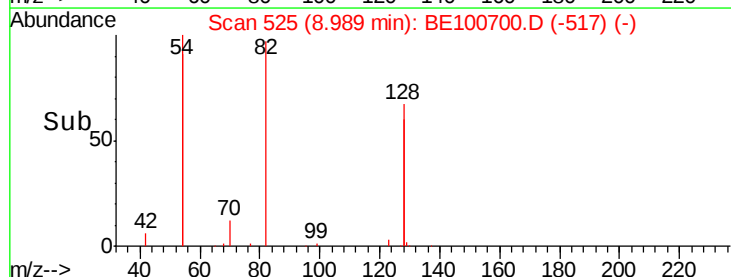
54 201.5 166.1 249.1

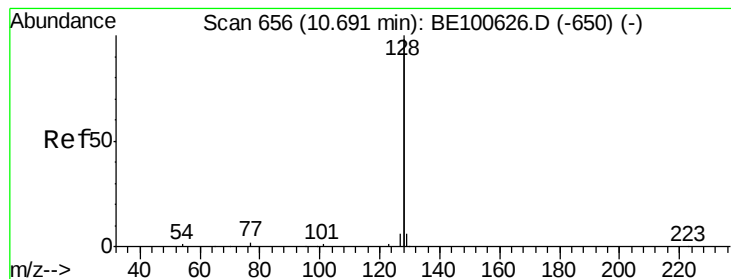


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.394 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

Instrument :

BNA_E

ClientSampleId :

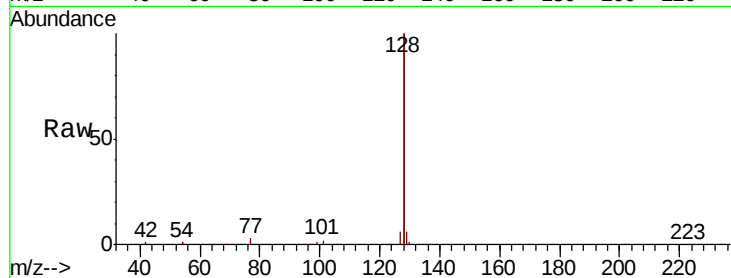
Tot Ion:128 Resp: 81030

Ion Ratio Lower Upper

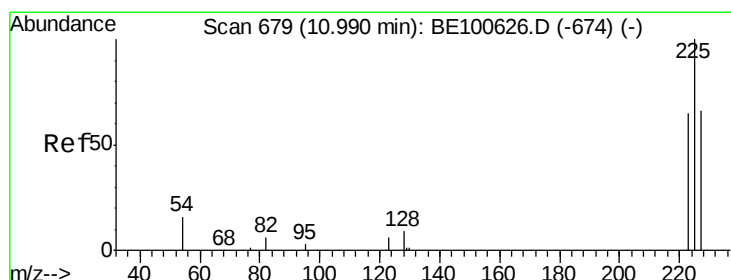
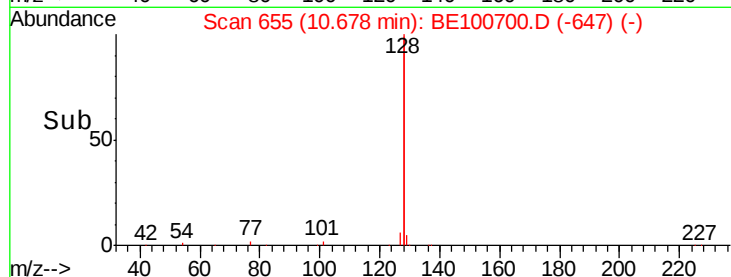
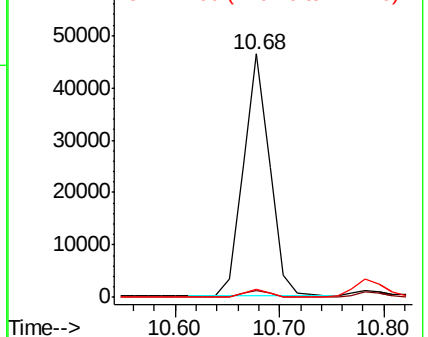
128 100

129 2.8 2.3 3.5

127 3.2 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.399 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

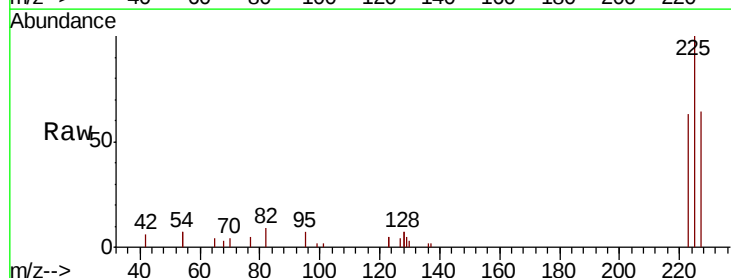
Tgt Ion:225 Resp: 3568

Ion Ratio Lower Upper

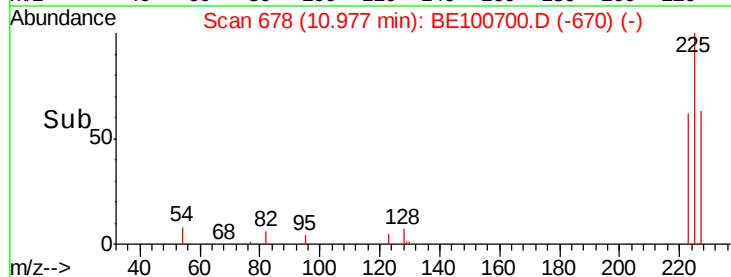
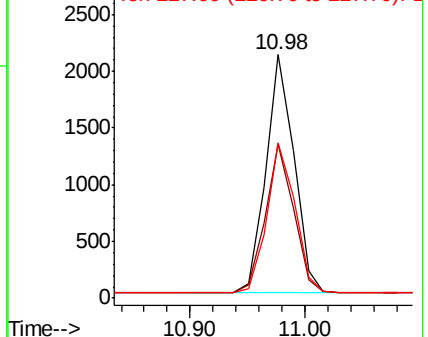
225 100

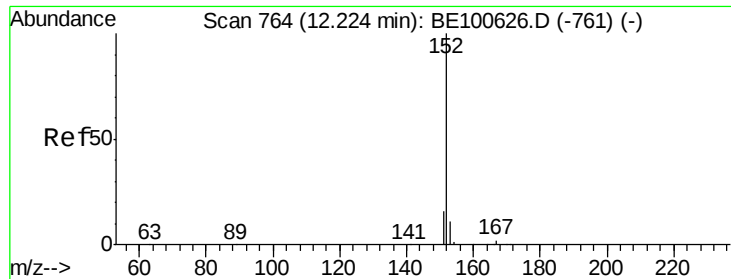
223 62.5 48.6 72.8

227 62.8 51.6 77.4



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

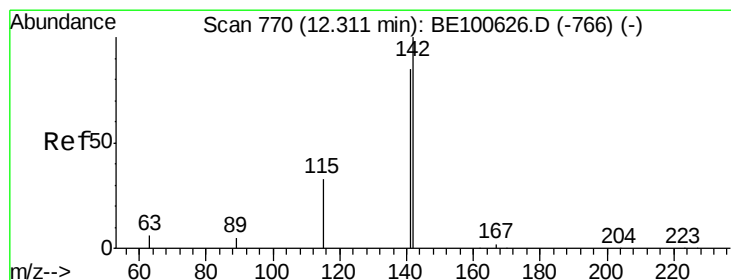
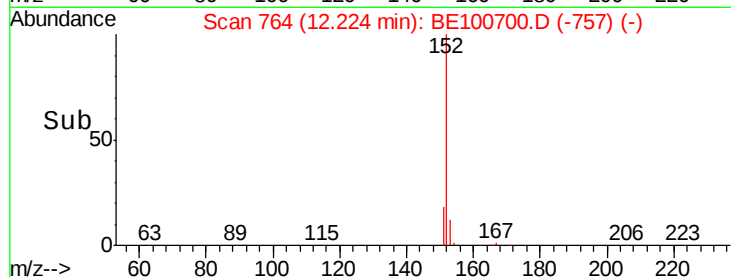
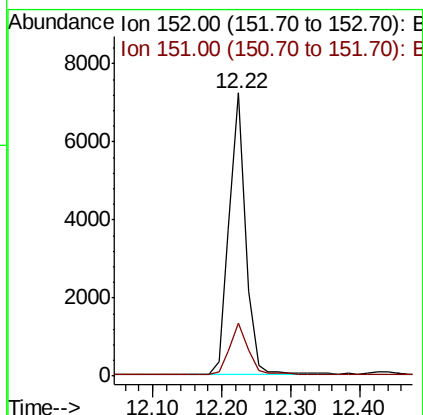
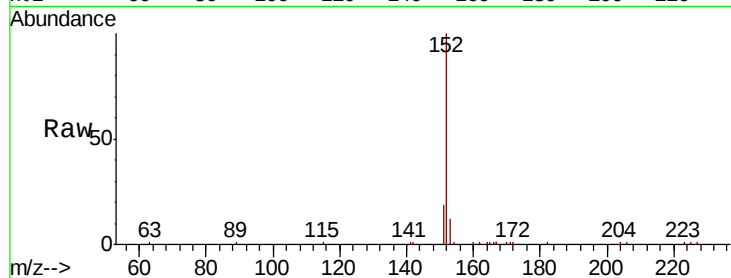




#11
 2-Methylnaphthalene-d10
 Concen: 0.387 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE100700.D
 Acq: 7 Nov 2019 13:57

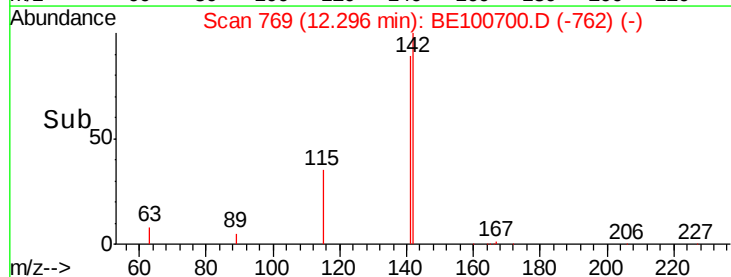
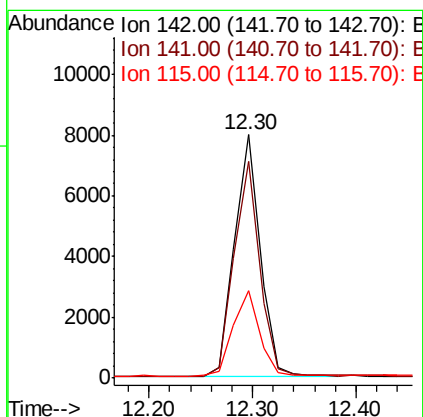
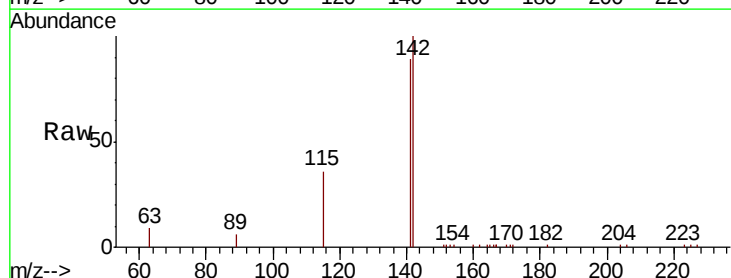
Instrument :
 BNA_E
 ClientSampleId :

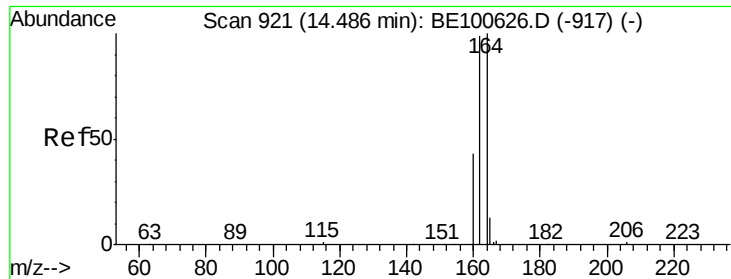
Tot Ion:152 Resp: 11927
 Ion Ratio Lower Upper
 152 100
 151 19.6 14.7 22.1



#12
 2-Methylnaphthalene
 Concen: 0.391 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE100700.D
 Acq: 7 Nov 2019 13:57

Tgt Ion:142 Resp: 13712
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.1 105.1
 115 35.7 28.3 42.5

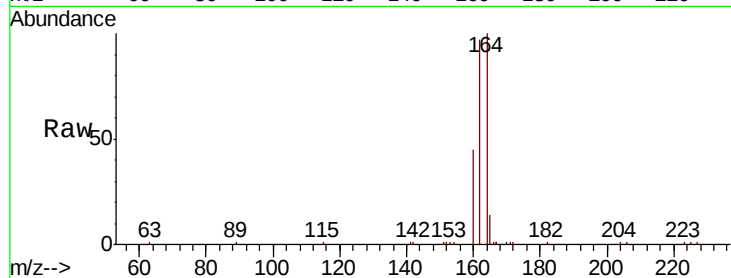




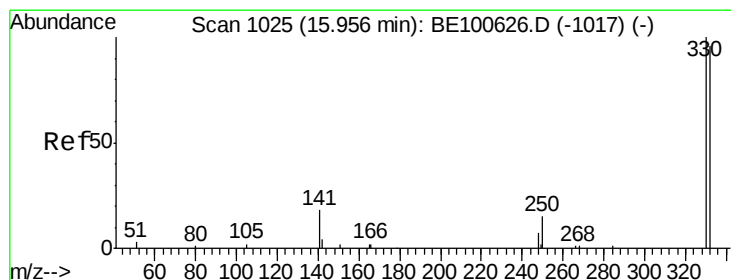
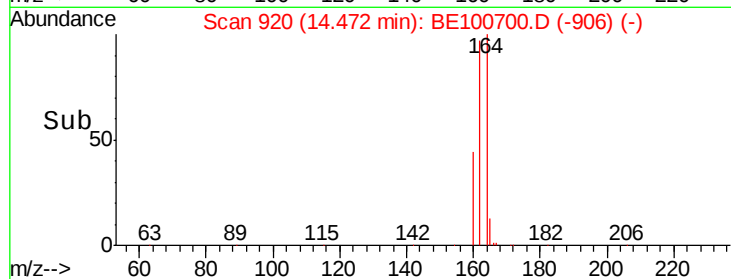
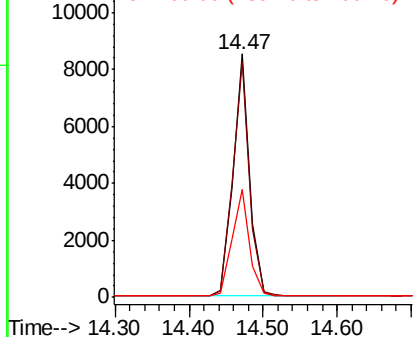
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampled :

Tot Ion:164 Resp: 13156
Ion Ratio Lower Upper
164 100
162 96.7 82.0 123.0
160 44.5 37.5 56.3

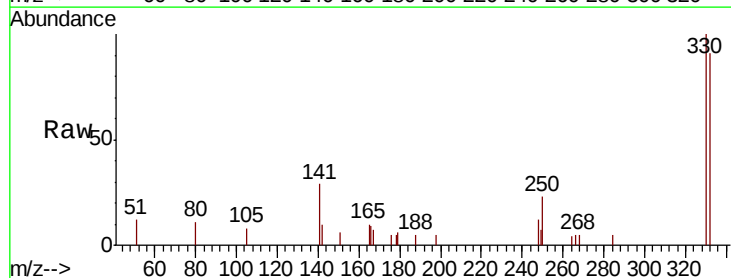


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

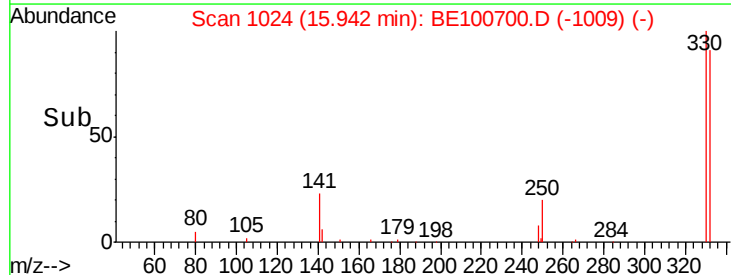
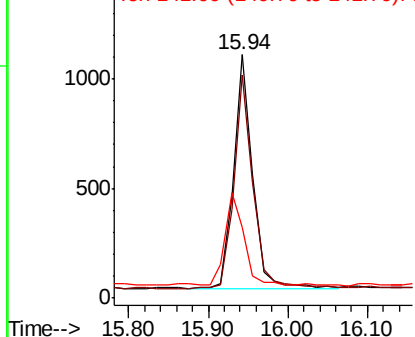


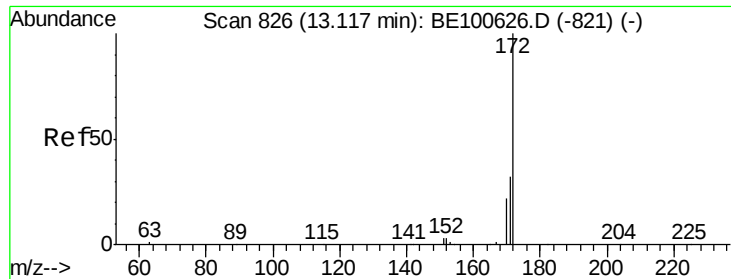
#14
2,4,6-Tribromophenol
Concen: 0.507 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:330 Resp: 1761
Ion Ratio Lower Upper
330 100
332 92.2 77.9 116.9
141 37.6 33.0 49.6



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

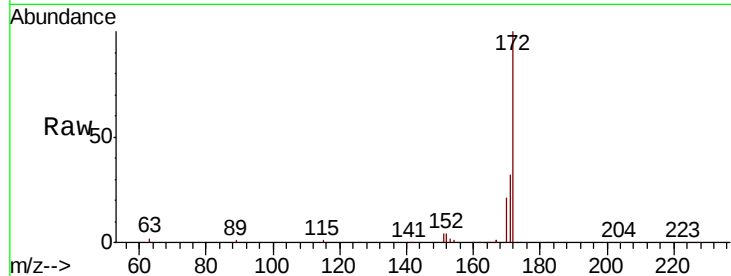




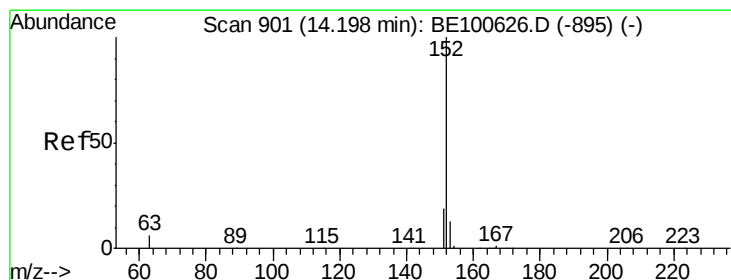
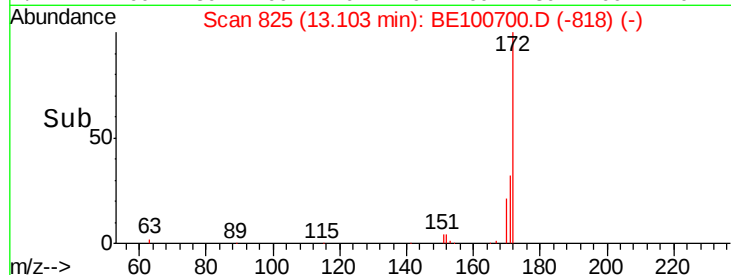
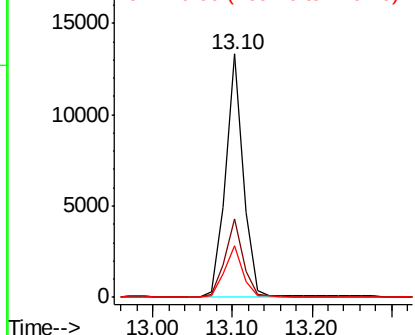
#15
2-Fluorobiphenyl
Concen: 0.424 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 20324
Ion Ratio Lower Upper
172 100
171 32.4 26.5 39.7
170 21.4 19.0 28.4

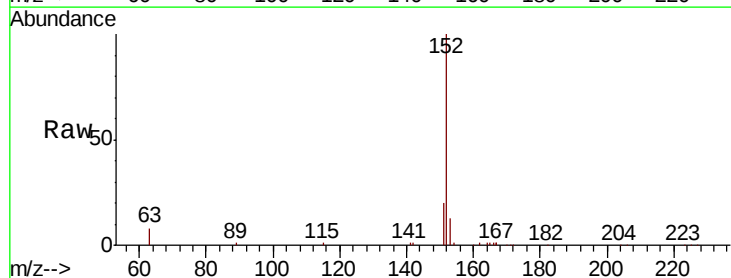


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

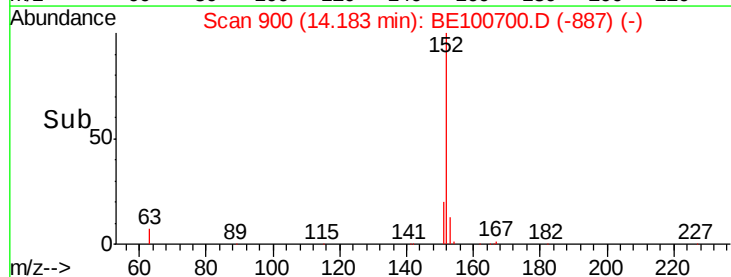
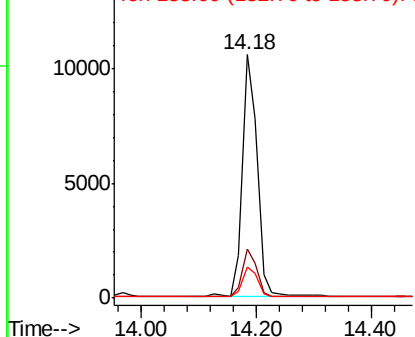


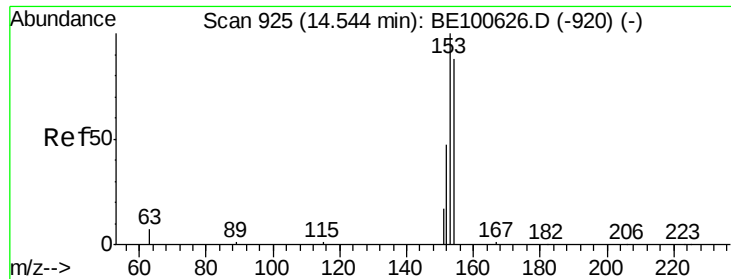
#16
Acenaphthylene
Concen: 0.338 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:152 Resp: 19125
Ion Ratio Lower Upper
152 100
151 19.2 15.2 22.8
153 12.9 10.3 15.5



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

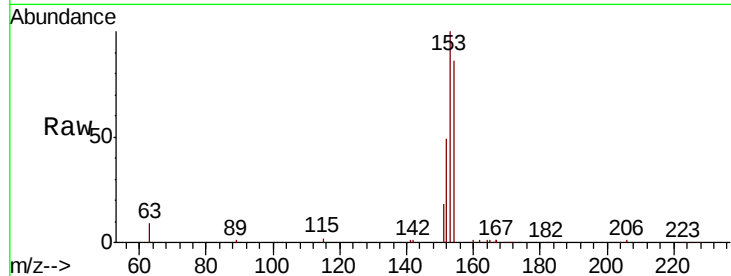




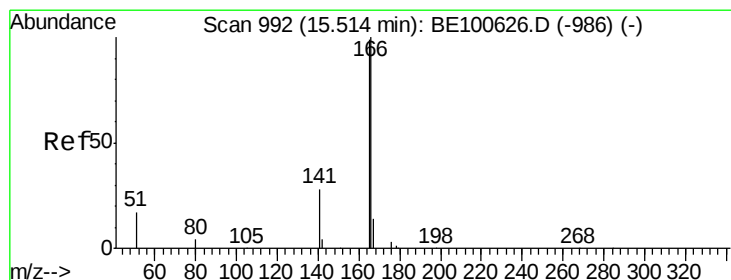
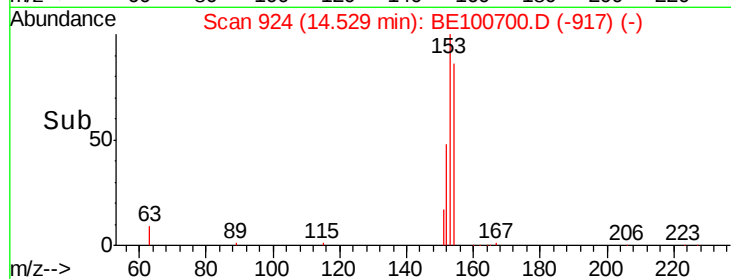
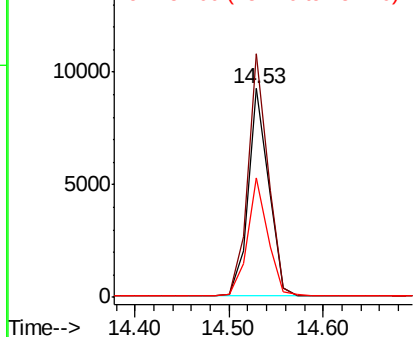
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 13868
Ion Ratio Lower Upper
154 100
153 115.9 89.4 134.2
152 56.5 44.1 66.1

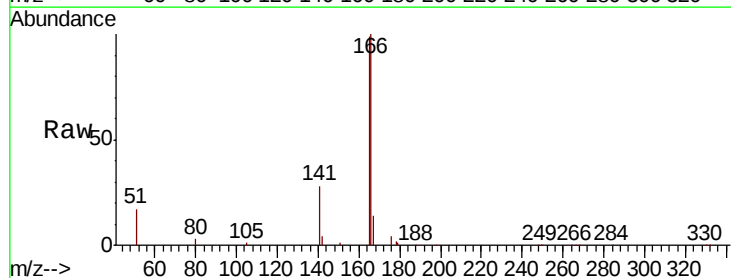


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

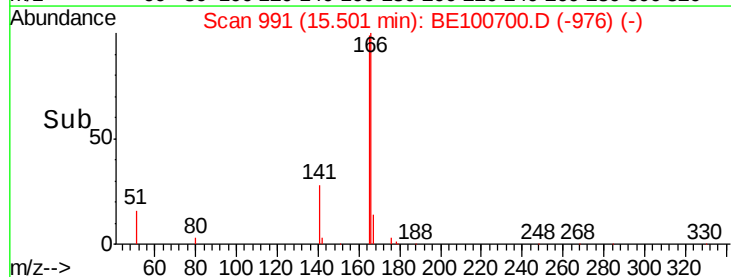
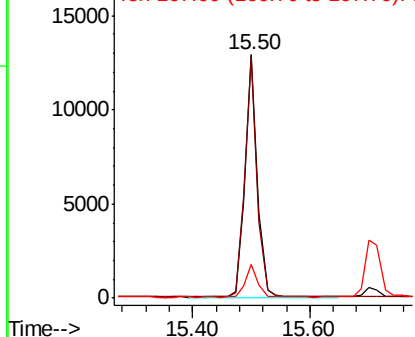


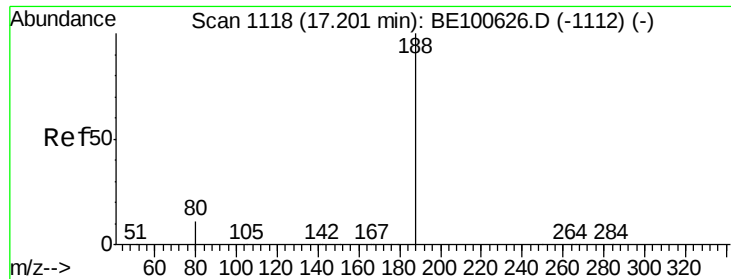
#18
Fluorene
Concen: 0.385 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:166 Resp: 18687
Ion Ratio Lower Upper
166 100
165 98.9 78.6 117.8
167 13.4 10.9 16.3



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: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

Instrument :

BNA_E

ClientSampled :

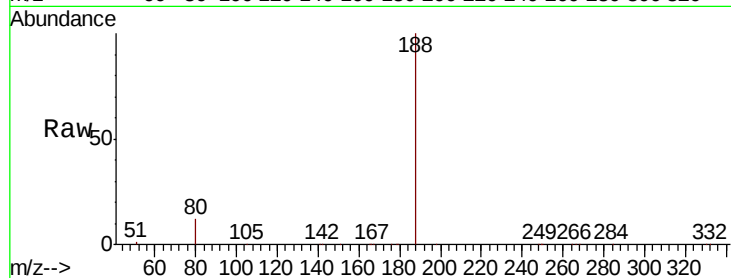
Tot Ion:188 Resp: 33462

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

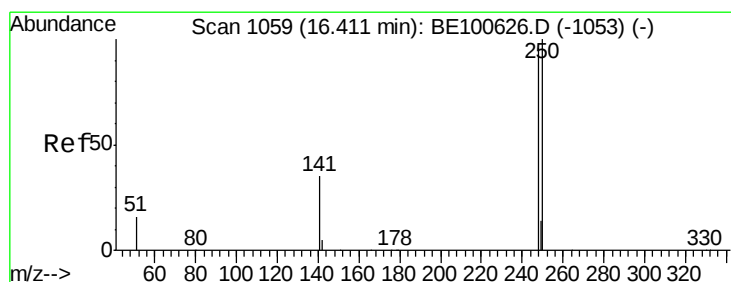
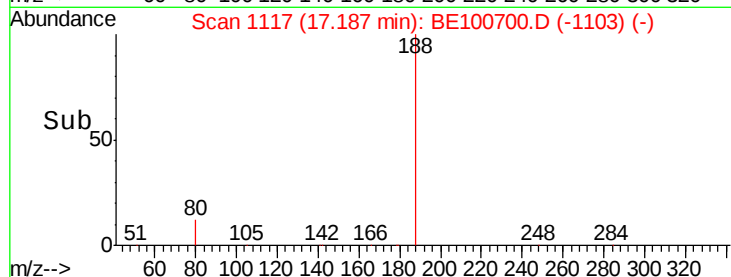
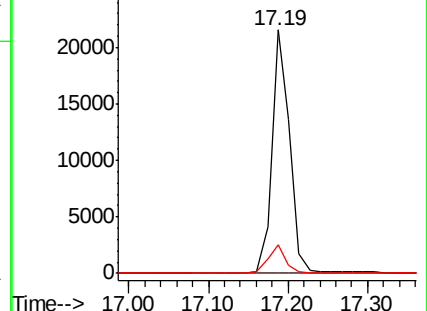
80 11.9 5.4 8.0#



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: 0.356 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

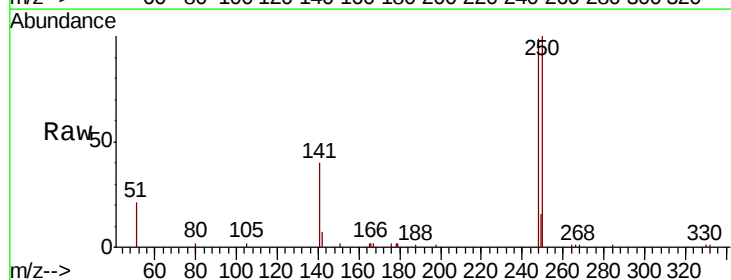
Tgt Ion:248 Resp: 6061

Ion Ratio Lower Upper

248 100

250 101.3 76.3 114.5

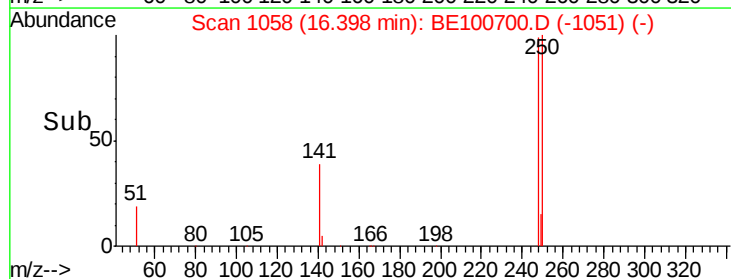
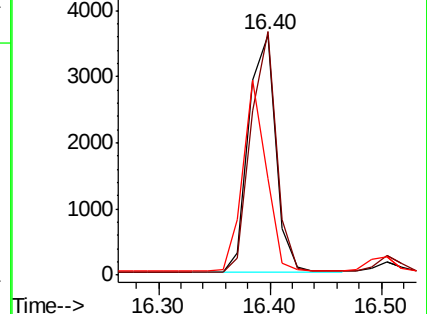
141 40.1 37.3 55.9

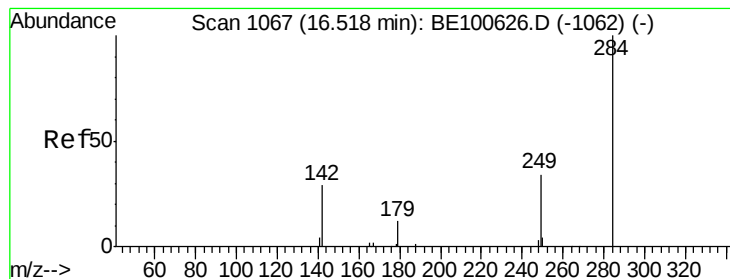


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.380 ng

RT: 16.50 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

Instrument :

BNA_E

ClientSampleId :

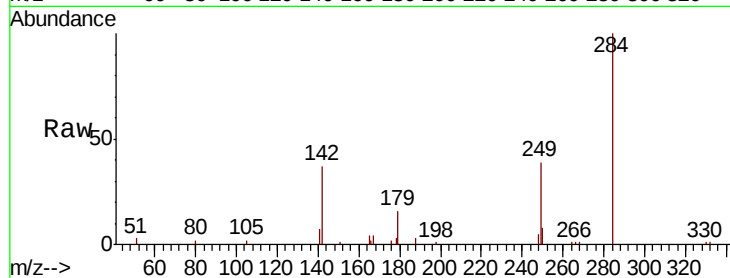
Tot Ion:284 Resp: 6161

Ion Ratio Lower Upper

284 100

142 34.4 28.6 42.8

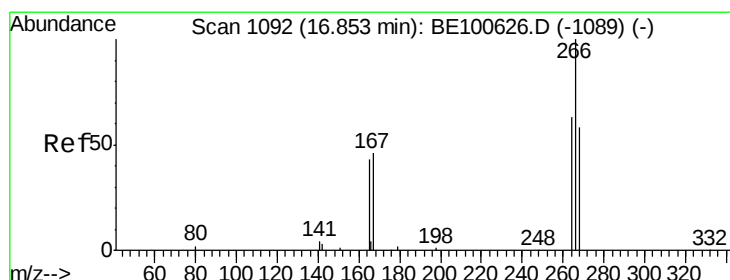
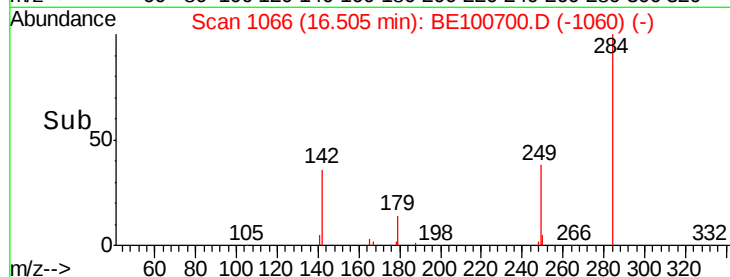
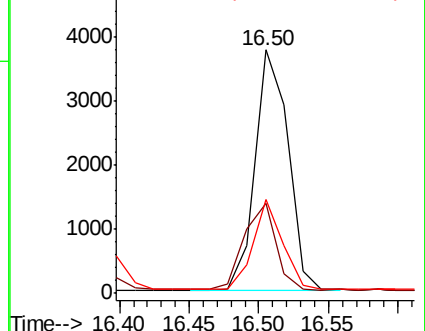
249 33.3 26.3 39.5



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: 0.216 ng

RT: 16.87 min Scan# 1093

Delta R.T. 0.01 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

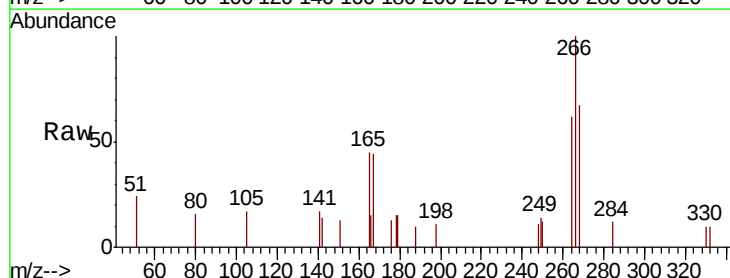
Tgt Ion:266 Resp: 1129

Ion Ratio Lower Upper

266 100

264 61.9 52.2 78.4

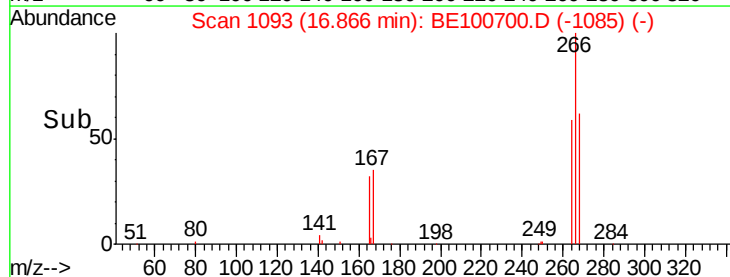
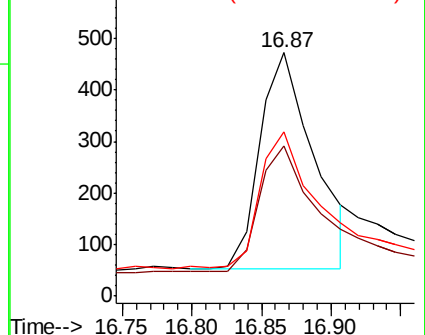
268 67.4 53.1 79.7

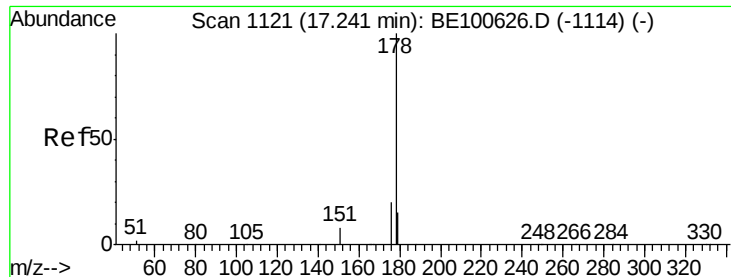


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.402 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

Instrument :

BNA_E

ClientSampleId :

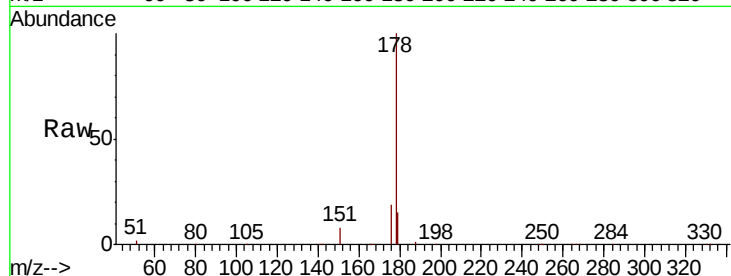
Tot Ion:178 Resp: 37004

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

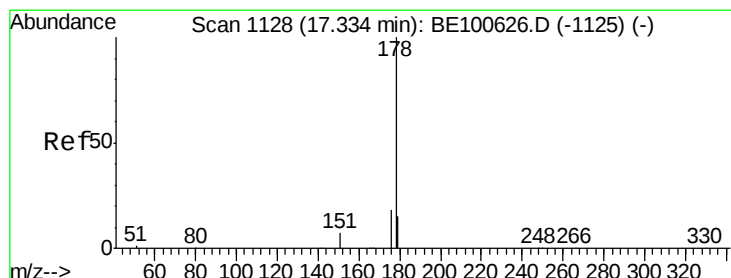
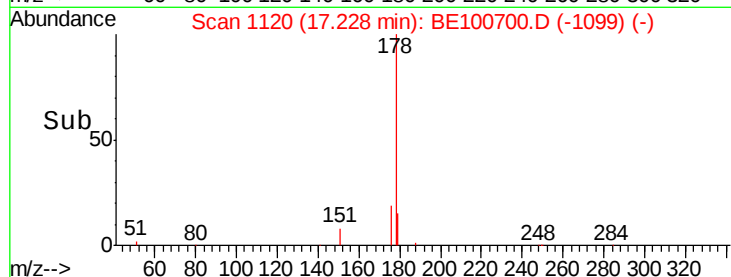
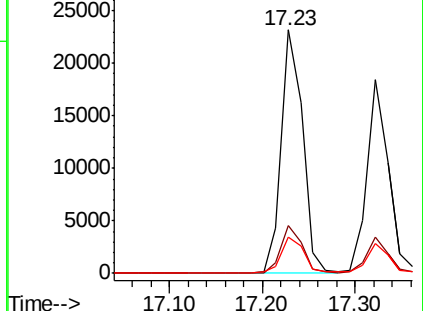
179 15.3 12.1 18.1



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: 0.339 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

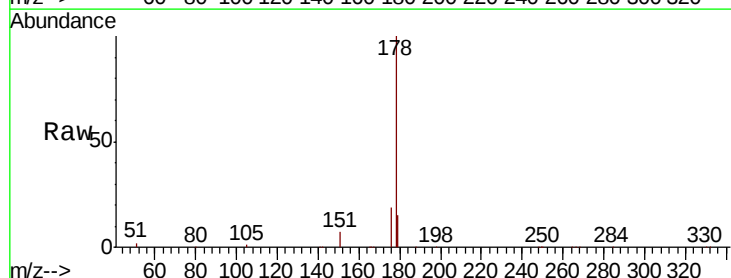
Tgt Ion:178 Resp: 28979

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

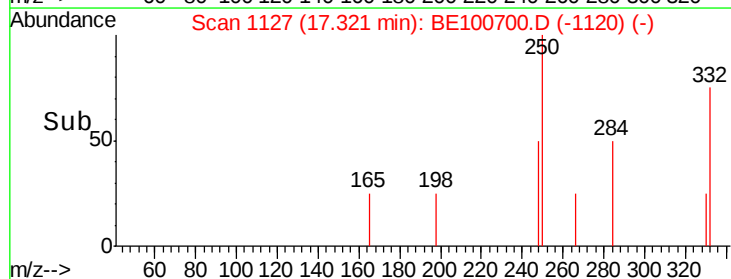
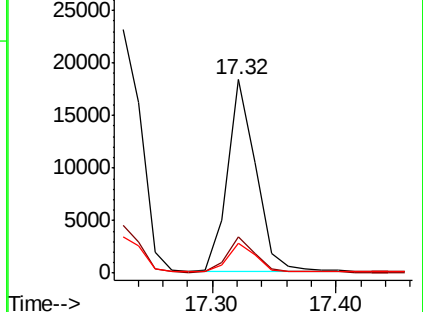
179 15.1 12.5 18.7

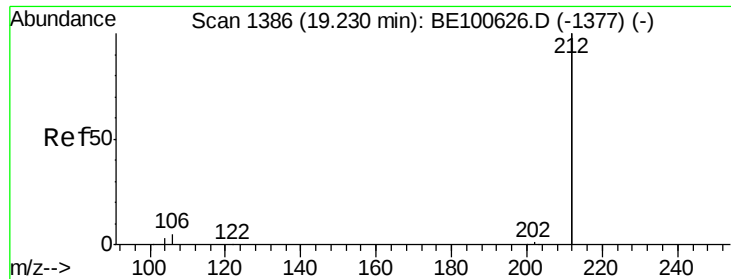


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

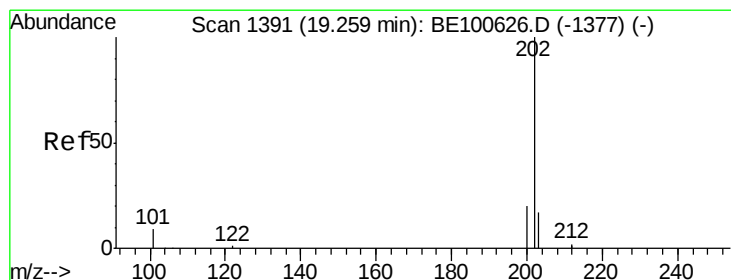
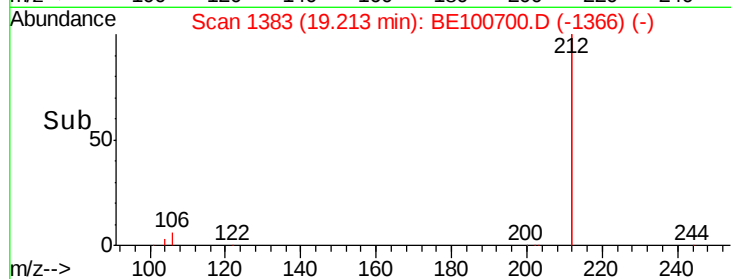
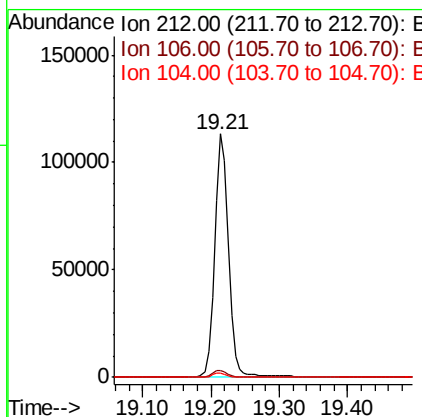
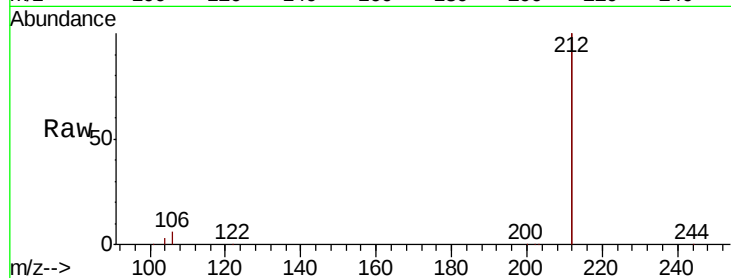




#25
 Fluoranthene-d10
 Concen: 0.372 ng
 RT: 19.21 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BE100700.D
 Acq: 7 Nov 2019 13:57

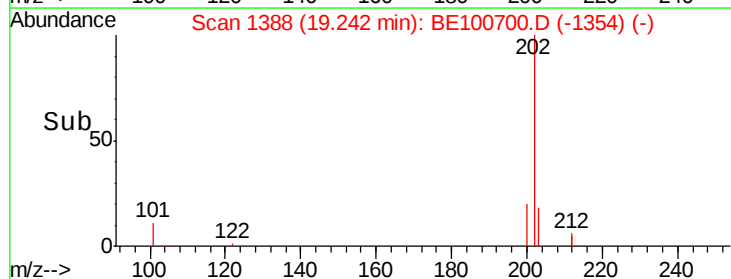
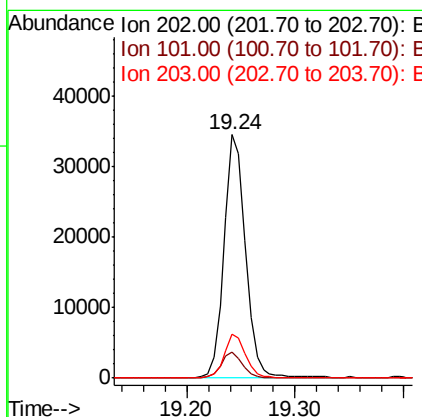
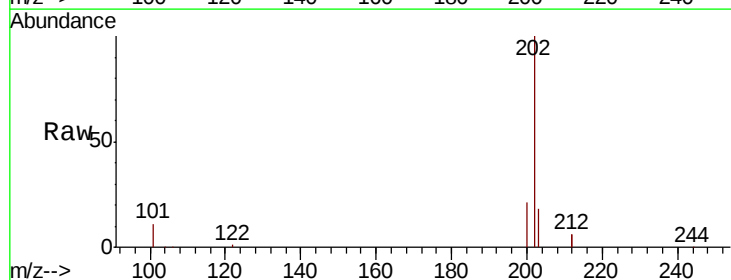
Instrument :
 BNA_E
 ClientSampleId :

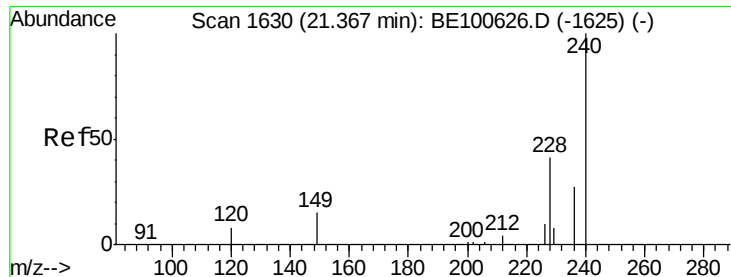
Tot Ion:212 Resp: 160467
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.3 3.5
 104 1.6 1.3 1.9



#26
 Fluoranthene
 Concen: 0.392 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE100700.D
 Acq: 7 Nov 2019 13:57

Tgt Ion:202 Resp: 47070
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.5 12.7
 203 17.4 13.8 20.8

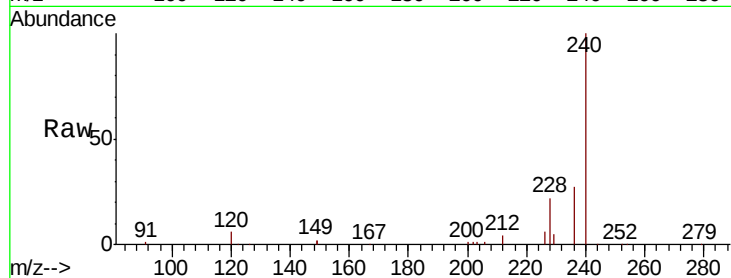




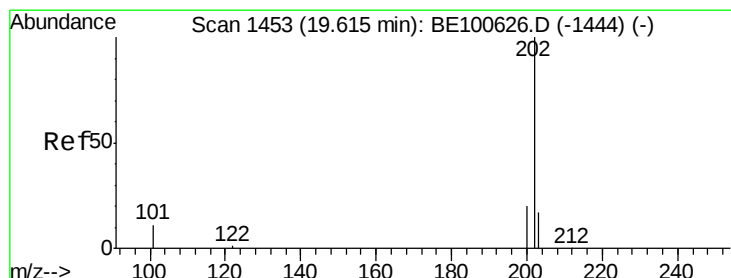
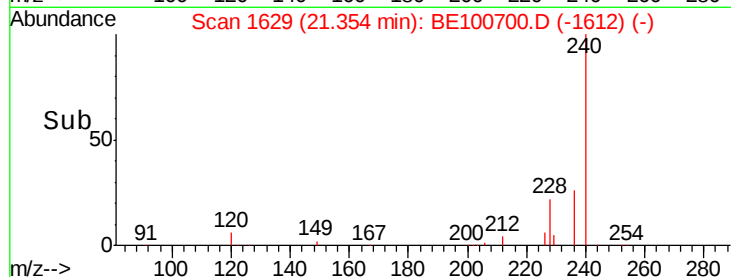
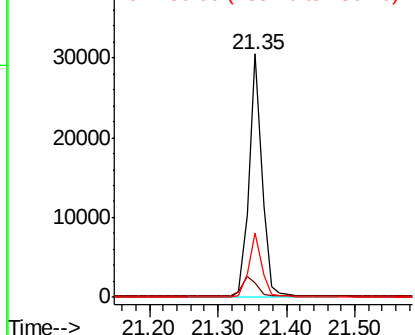
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 40345
Ion Ratio Lower Upper
240 100
120 6.0 7.6 11.4#
236 26.6 22.1 33.1

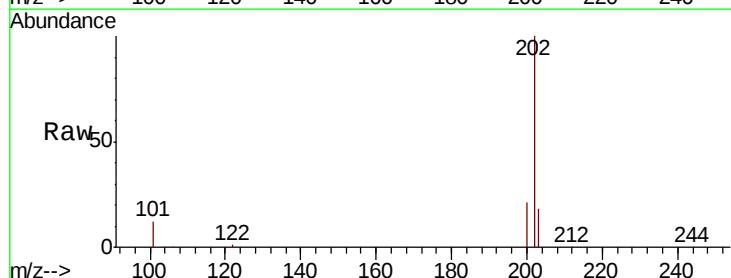


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

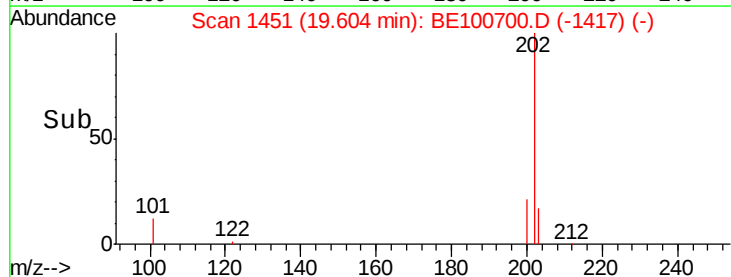
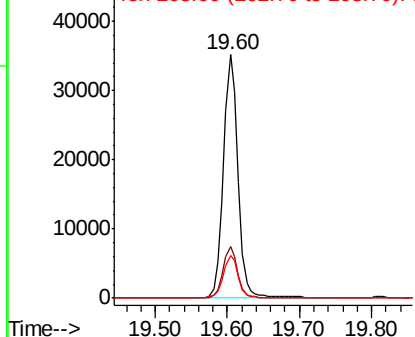


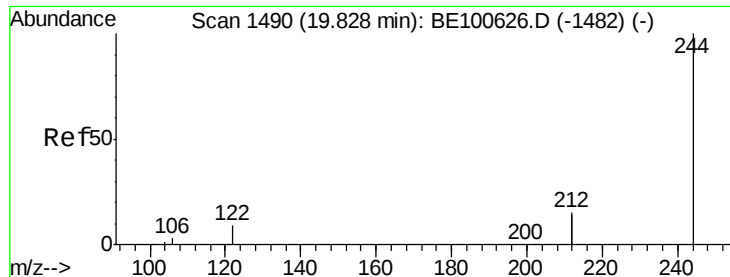
#28
Pyrene
Concen: 0.431 ng
RT: 19.60 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:202 Resp: 48633
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.6 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: 0.465 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

Instrument :

BNA_E

ClientSampleId :

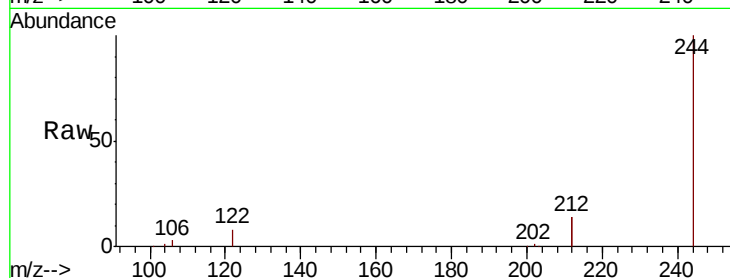
Tot Ion:244 Resp: 41034

Ion Ratio Lower Upper

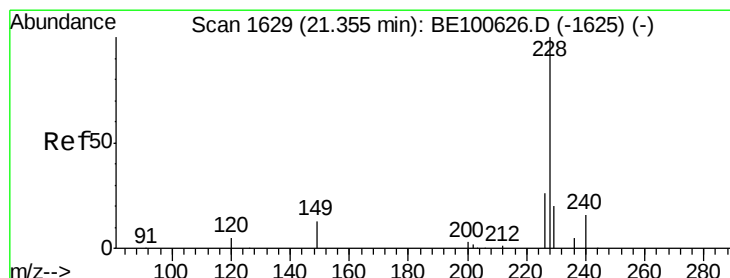
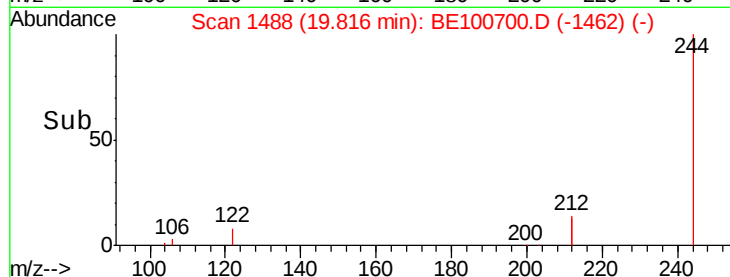
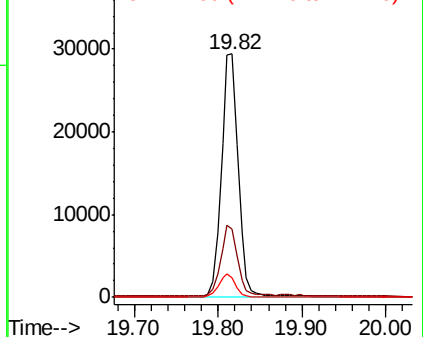
244 100

212 28.2 23.7 35.5

122 8.1 7.9 11.9



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: 0.367 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

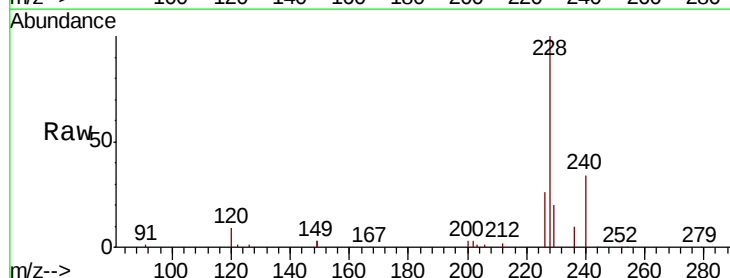
Tgt Ion:228 Resp: 48255

Ion Ratio Lower Upper

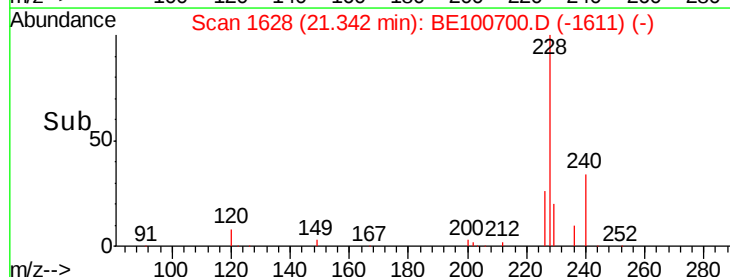
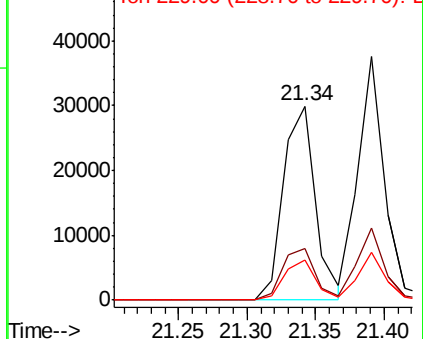
228 100

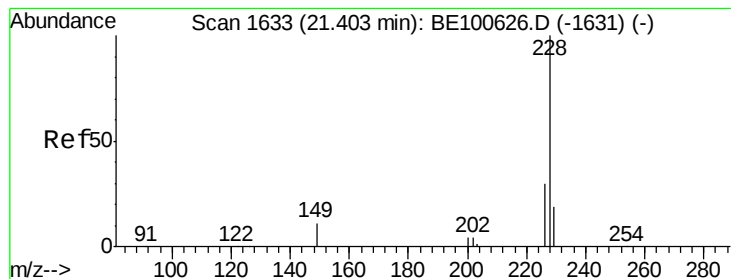
226 26.3 21.4 32.0

229 20.4 16.0 24.0



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: 0.380 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

Instrument :

BNA_E

ClientSampleId :

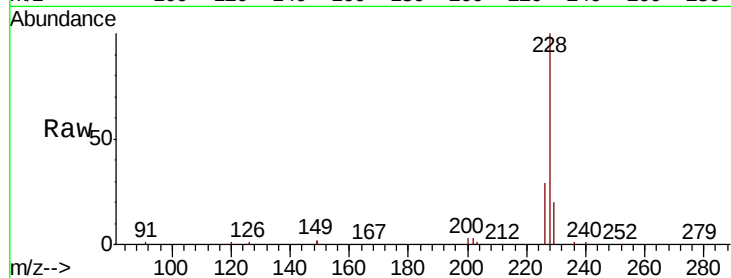
Tot Ion:228 Resp: 49951

Ion Ratio Lower Upper

228 100

226 29.4 24.6 37.0

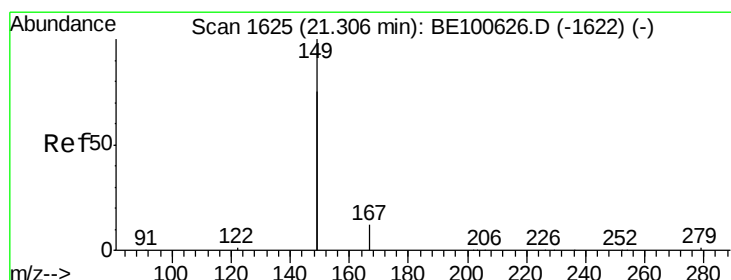
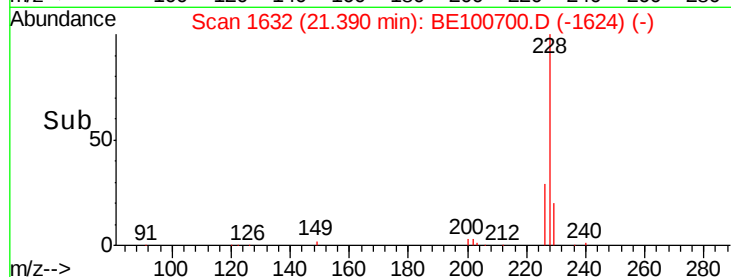
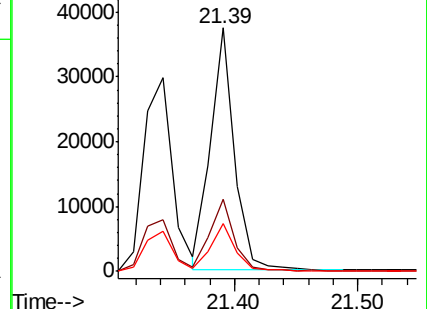
229 19.8 15.8 23.8



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: 0.272 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

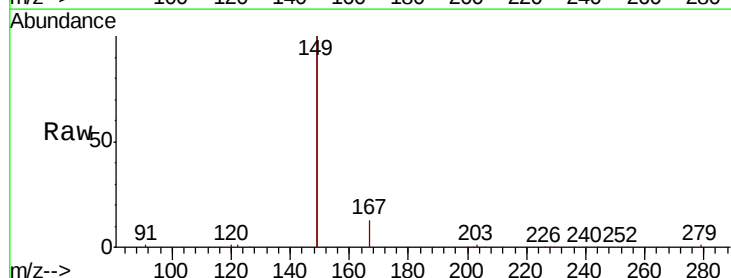
Tgt Ion:149 Resp: 74818

Ion Ratio Lower Upper

149 100

167 6.9 5.5 8.3

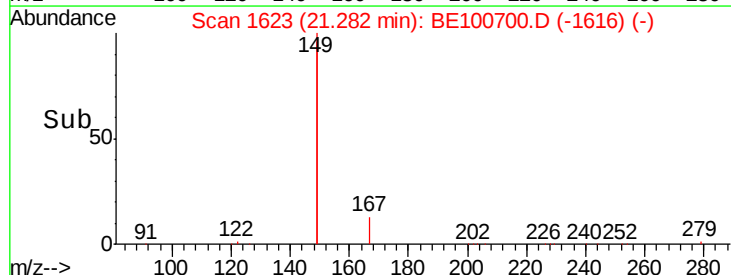
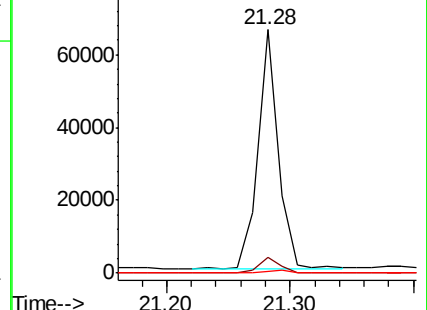
279 1.0 0.9 1.3

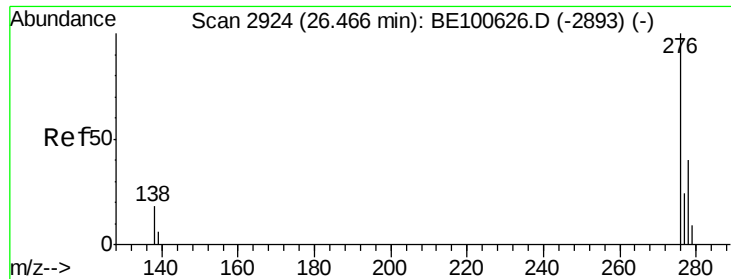


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

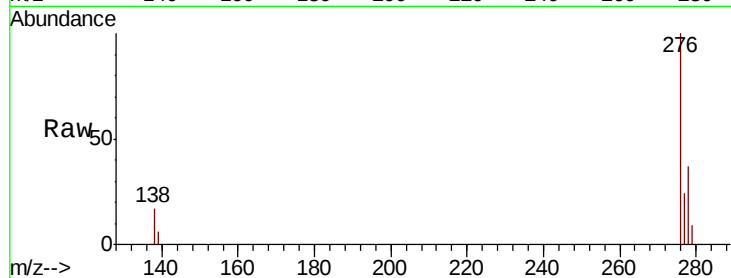




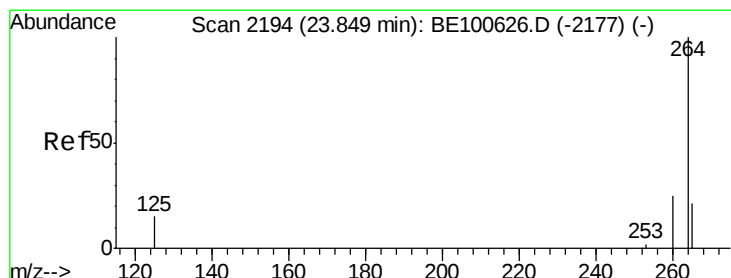
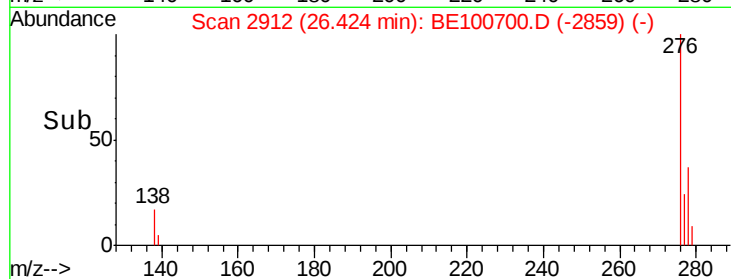
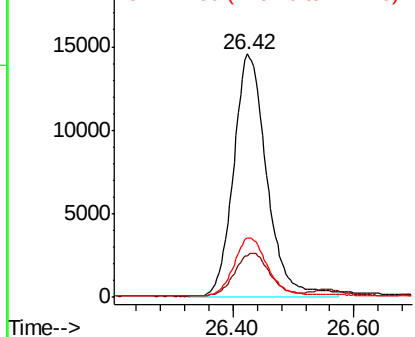
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng
RT: 26.42 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 54838
Ion Ratio Lower Upper
276 100
138 18.8 15.3 22.9
277 24.5 19.4 29.2

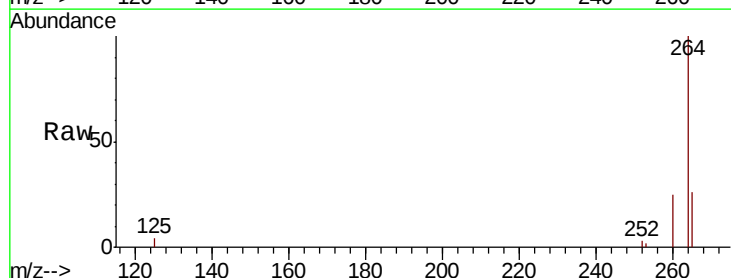


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

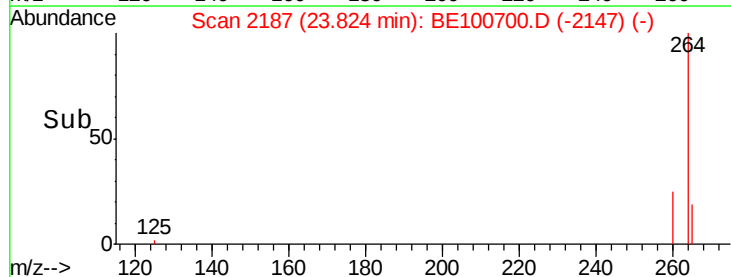
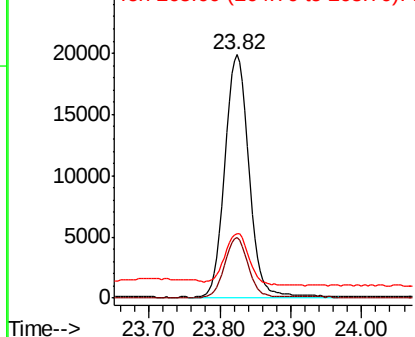


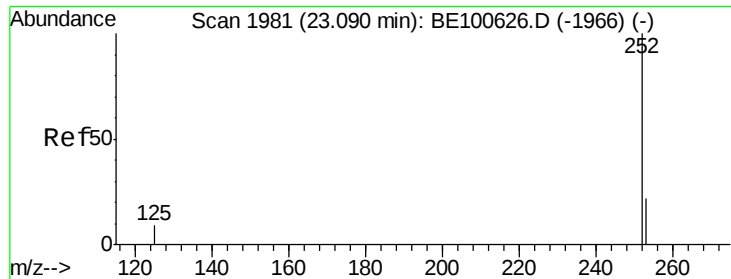
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.82 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:264 Resp: 46317
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 26.3 21.7 32.5



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: 0.359 ng

RT: 23.07 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

Instrument :

BNA_E

ClientSampleId :

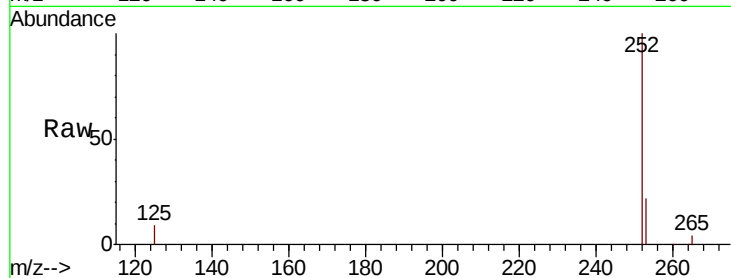
Tot Ion:252 Resp: 48507

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

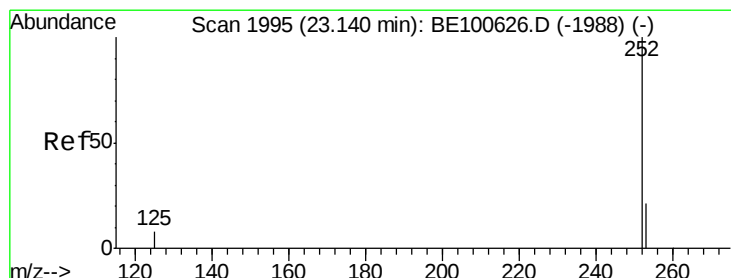
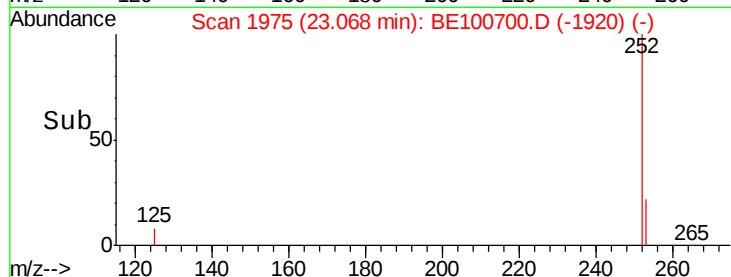
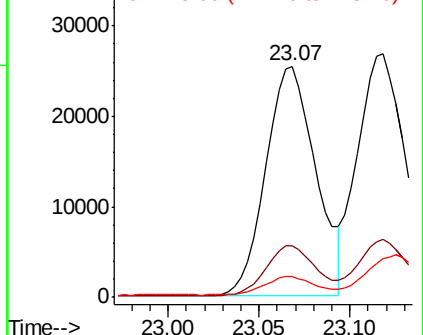
125 8.9 7.6 11.4



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



#36

Benzo(k)fluoranthene

Concen: 0.371 ng

RT: 23.12 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

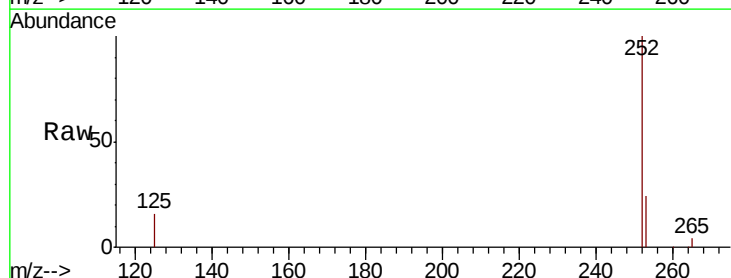
Tgt Ion:252 Resp: 51513

Ion Ratio Lower Upper

252 100

253 23.8 18.4 27.6

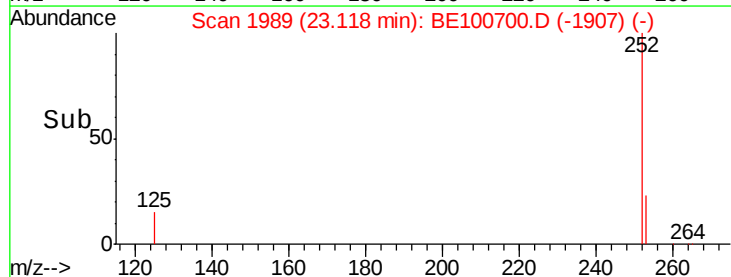
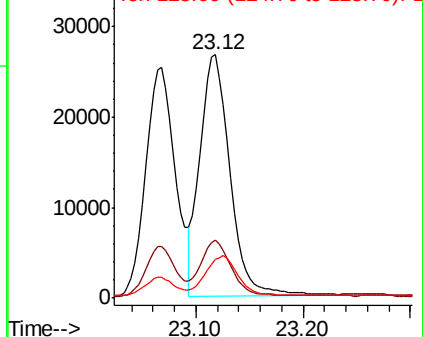
125 16.0 11.6 17.4

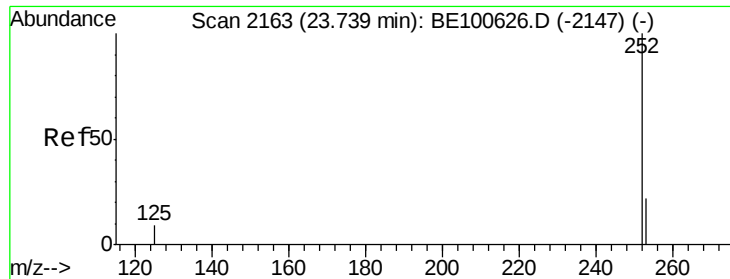


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.363 ng

RT: 23.71 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

Instrument :

BNA_E

ClientSampled :

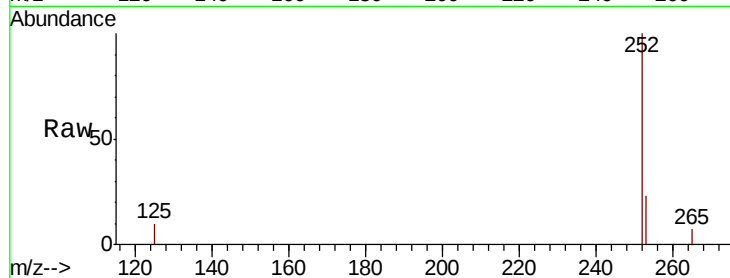
Tot Ion:252 Resp: 45573

Ion Ratio Lower Upper

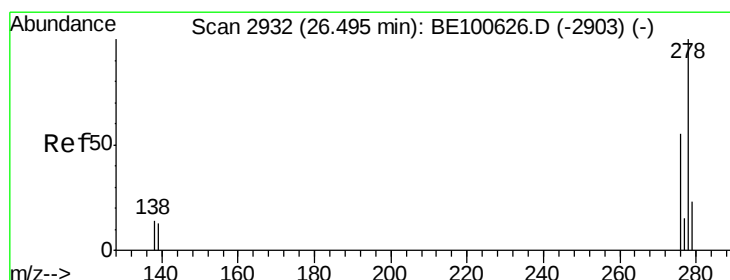
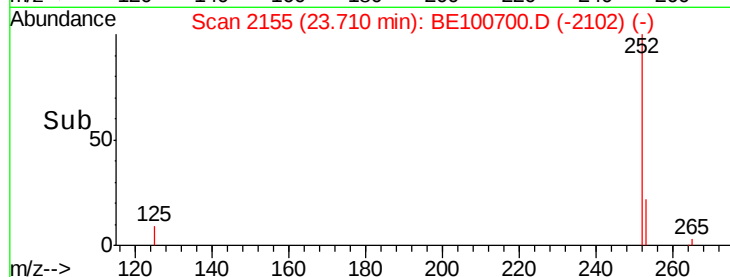
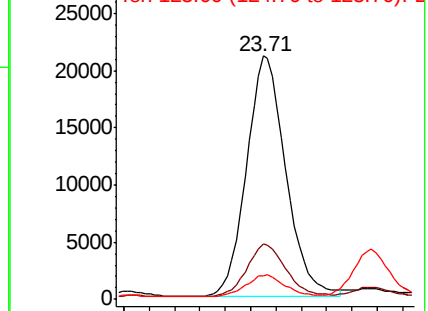
252 100

253 22.6 18.4 27.6

125 9.9 8.2 12.4



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



#38

Dibenzo(a,h)anthracene

Concen: 0.346 ng

RT: 26.45 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

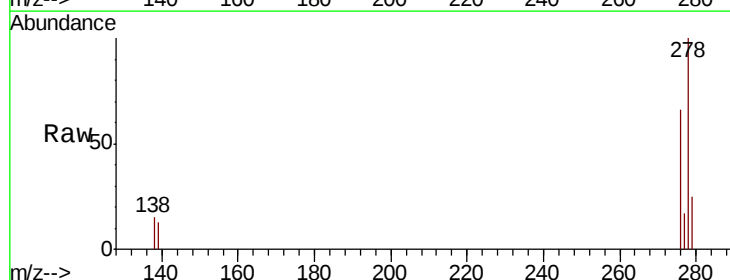
Tgt Ion:278 Resp: 44899

Ion Ratio Lower Upper

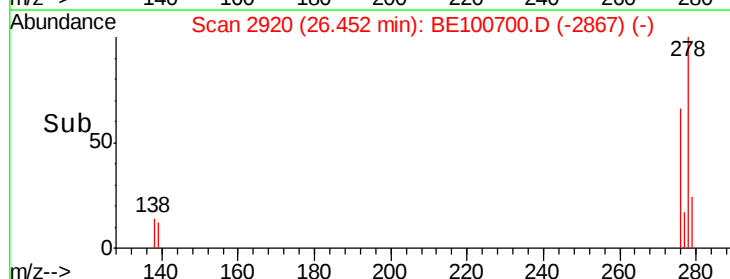
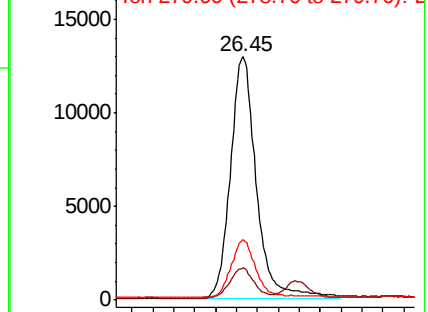
278 100

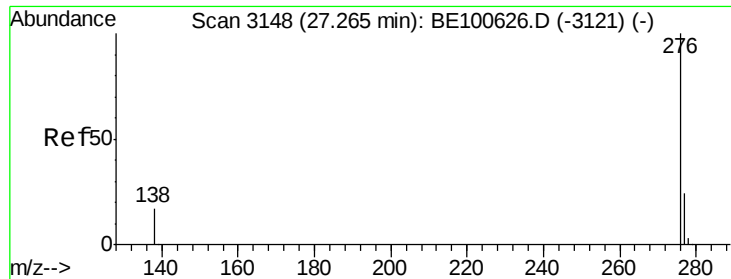
139 13.3 10.9 16.3

279 24.7 19.4 29.2



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: 0.370 ng

RT: 27.22 min Scan# 3136

Delta R.T. -0.01 min

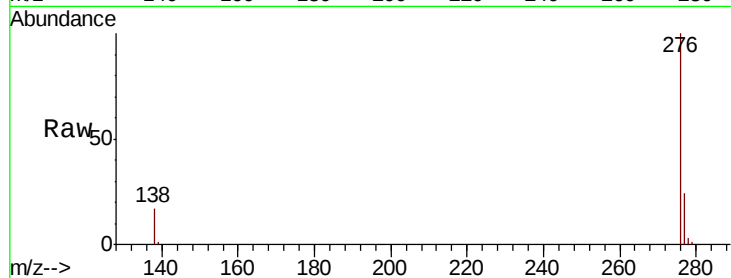
Lab File: BE100700.D

Acq: 7 Nov 2019 13:57

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 48361

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.0

138 16.7 13.6 20.4

