

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110719\
 Data File : BE100701.D
 Acq On : 7 Nov 2019 14:54
 Operator : JU
 Sample : PB124588BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 07 16:46:50 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	4569	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	19345	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	12636	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	31518	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	39238	0.40	ng	0.00
34) Perylene-d12	23.82	264	45186	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.44	112	5395	0.38	ng	0.00
5) Phenol-d6	7.01	99	8184	0.41	ng	0.00
8) Nitrobenzene-d5	8.99	82	5915	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	11865	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1671	0.50	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	19553	0.42	ng	0.00
25) Fluoranthene-d10	19.22	212	156030	0.38	ng	0.00
29) Terphenyl-d14	19.82	244	39814	0.46	ng	0.00

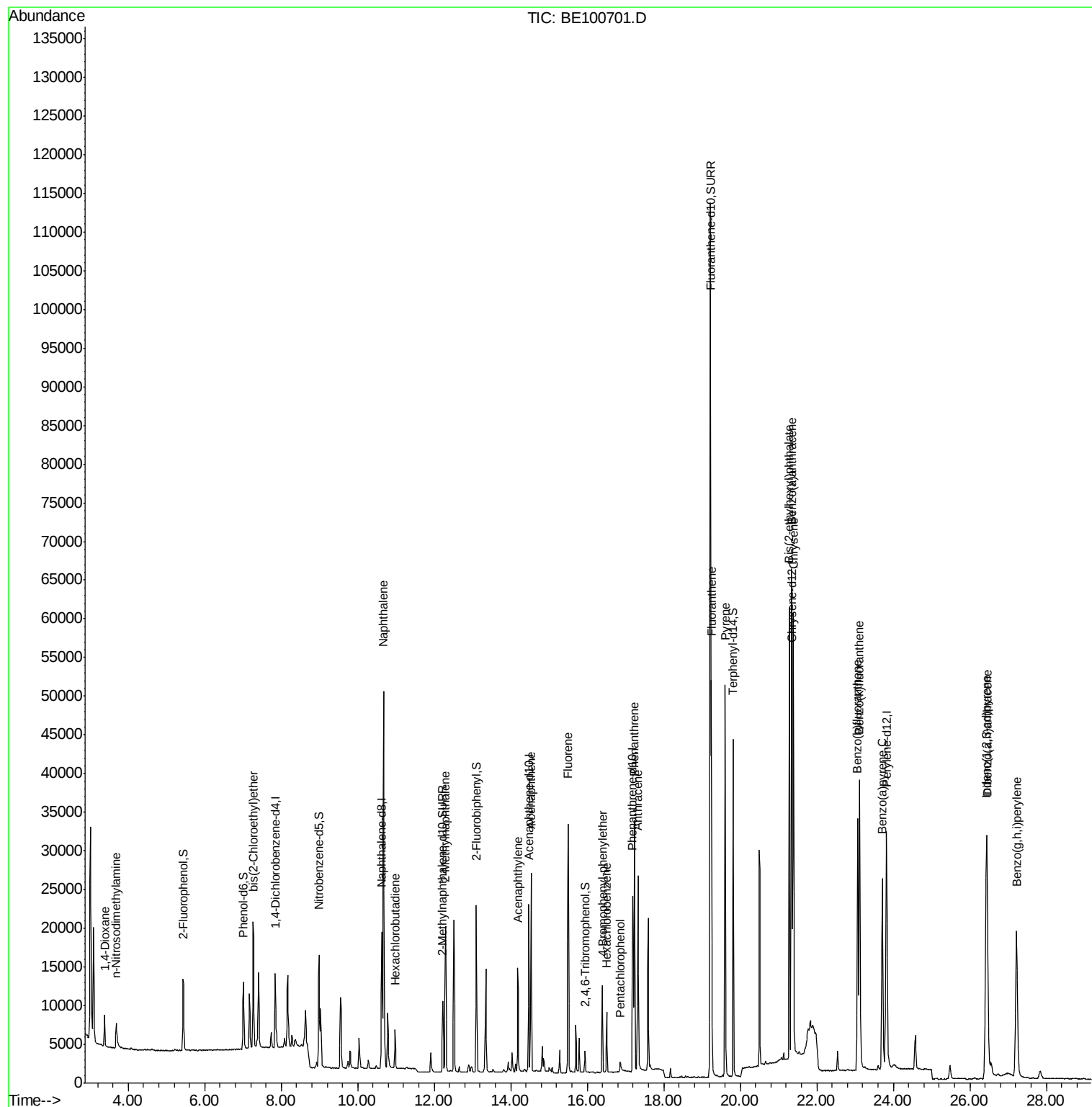
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	3064	0.376	ng	97
3) n-Nitrosodimethylamine	3.69	42	3016	0.350	ng	# 96
6) bis(2-Chloroethyl)ether	7.27	93	6334	0.388	ng	98
9) Naphthalene	10.68	128	78328	0.385	ng	100
10) Hexachlorobutadiene	10.98	225	3438	0.389	ng	99
12) 2-Methylnaphthalene	12.30	142	13391	0.386	ng	100
16) Acenaphthylene	14.18	152	18005	0.331	ng	99
17) Acenaphthene	14.53	154	13123	0.373	ng	98
18) Fluorene	15.50	166	17698	0.379	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	5748	0.358	ng	# 87
21) Hexachlorobenzene	16.51	284	5767	0.377	ng	98
22) Pentachlorophenol	16.85	266	1117	0.227	ng	99
23) Phenanthrene	17.23	178	35241	0.407	ng	100
24) Anthracene	17.32	178	27701	0.344	ng	100
26) Fluoranthene	19.25	202	45740	0.404	ng	99
28) Pyrene	19.60	202	47336	0.432	ng	100
30) Benzo(a)anthracene	21.34	228	46488	0.363	ng	98
31) Chrysene	21.39	228	48676	0.381	ng	98
32) Bis(2-ethylhexyl)phthalate	21.28	149	63410	0.237	ng	100
33) Indeno(1,2,3-cd)pyrene	26.42	276	54630	0.347	ng	99
35) Benzo(b)fluoranthene	23.07	252	47689	0.362	ng	99
36) Benzo(k)fluoranthene	23.12	252	51096	0.377	ng	98
37) Benzo(a)pyrene	23.71	252	42332	0.345	ng	99
38) Dibenzo(a,h)anthracene	26.45	278	44101	0.348	ng	99
39) Benzo(g,h,i)perylene	27.22	276	48032	0.377	ng	99

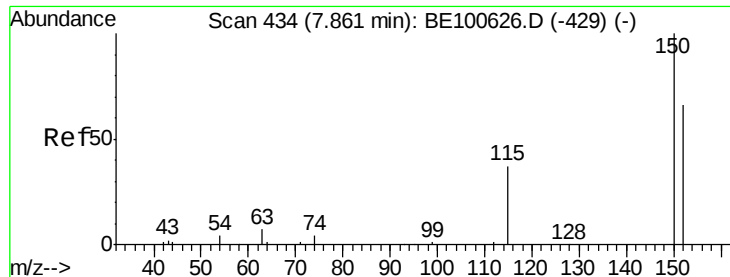
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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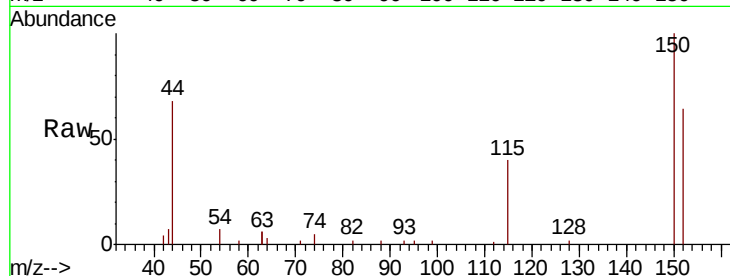


#1

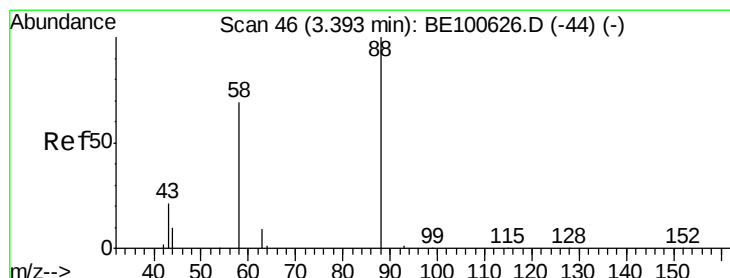
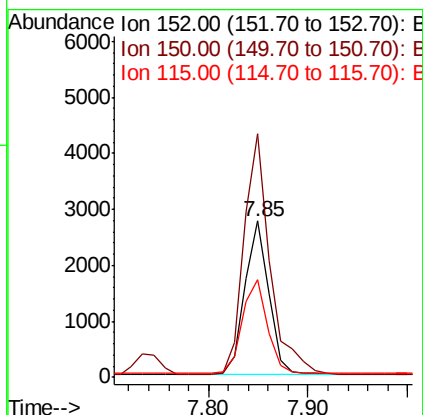
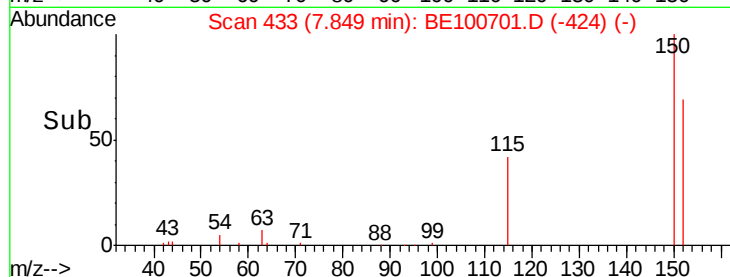
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4569
Ion Ratio Lower Upper
152 100
150 155.7 123.3 184.9
115 62.3 51.9 77.9



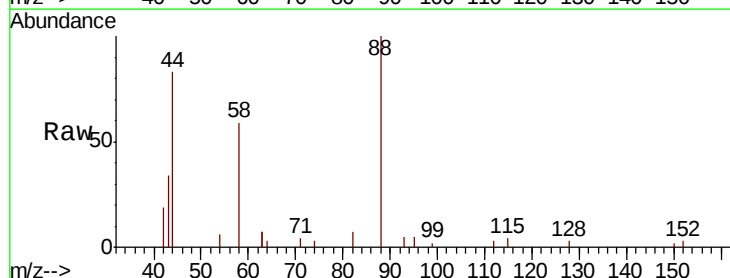
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



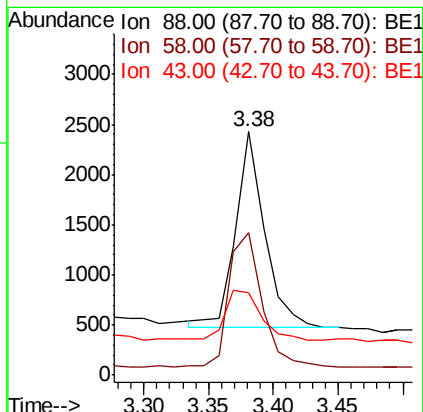
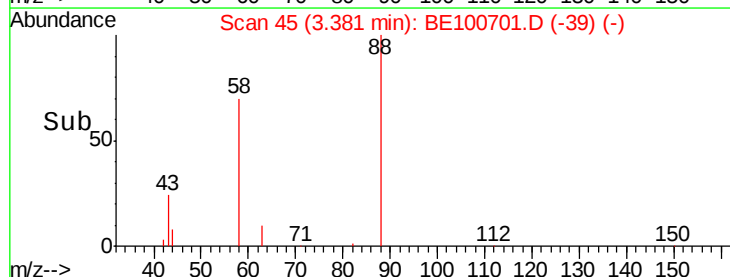
#2

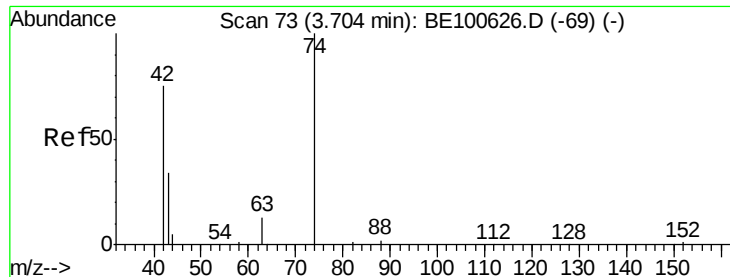
1,4-Dioxane
Concen: 0.376 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion: 88 Resp: 3064
Ion Ratio Lower Upper
88 100
58 76.7 59.8 89.6
43 32.4 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: 0.350 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

Instrument :

BNA_E

ClientSampled :

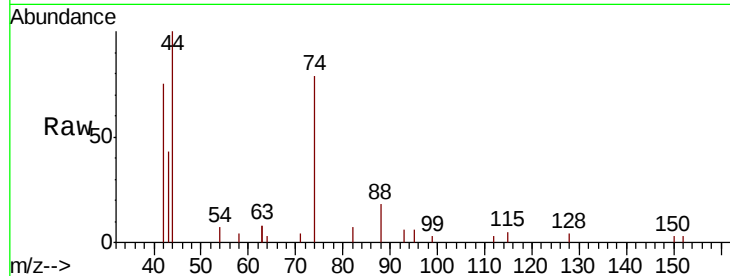
Tot Ion: 42 Resp: 3016

Ion Ratio Lower Upper

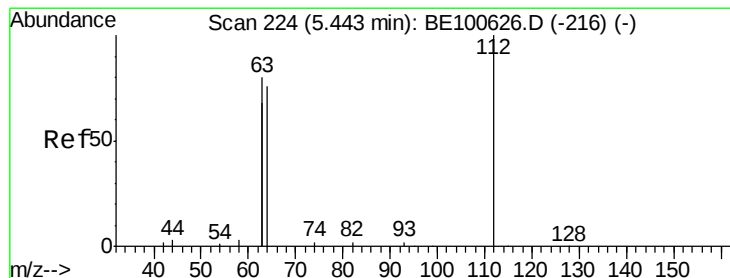
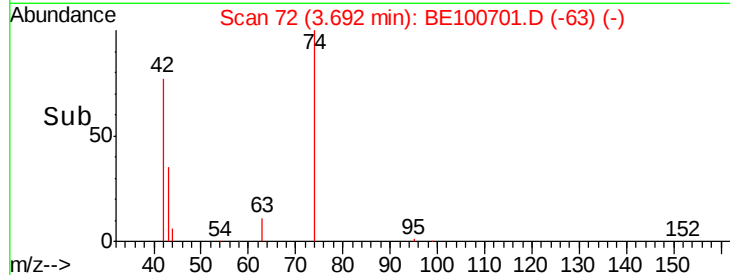
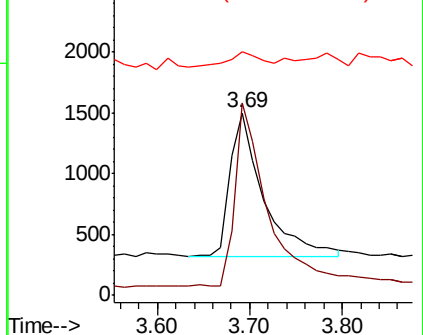
42 100

74 122.3 97.2 145.8

44 9.4 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: 0.382 ng

RT: 5.44 min Scan# 224

Delta R.T. -0.00 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

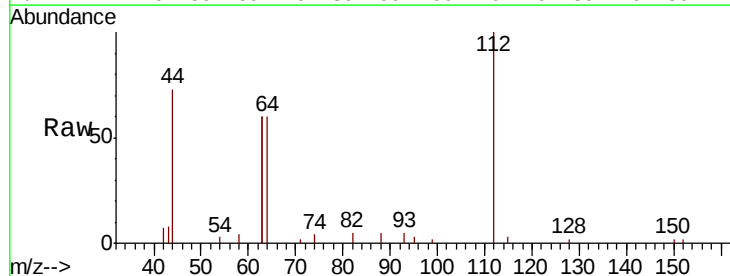
Tgt Ion: 112 Resp: 5395

Ion Ratio Lower Upper

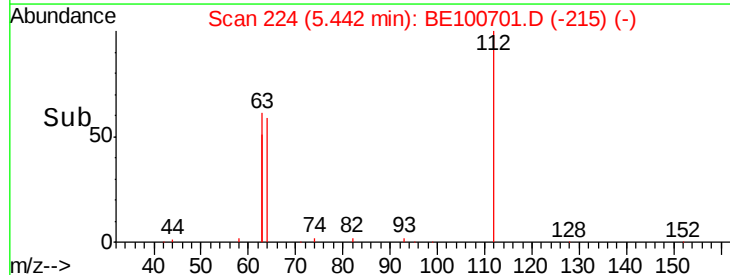
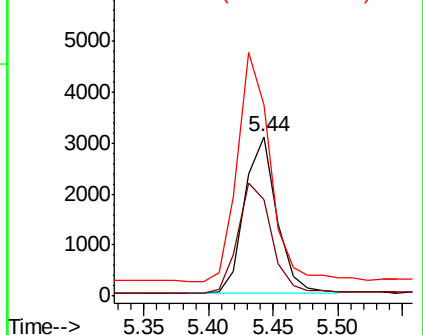
112 100

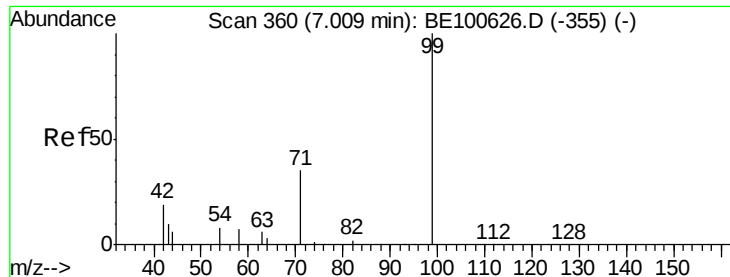
64 72.4 55.4 83.2

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: 0.411 ng

RT: 7.01 min Scan# 360

Delta R.T. -0.00 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

Instrument :

BNA_E

ClientSampleId :

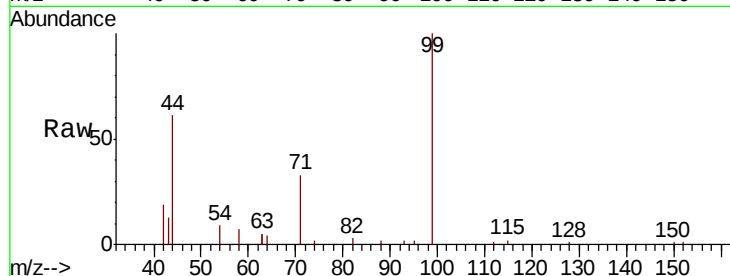
Tot Ion: 99 Resp: 8184

Ion Ratio Lower Upper

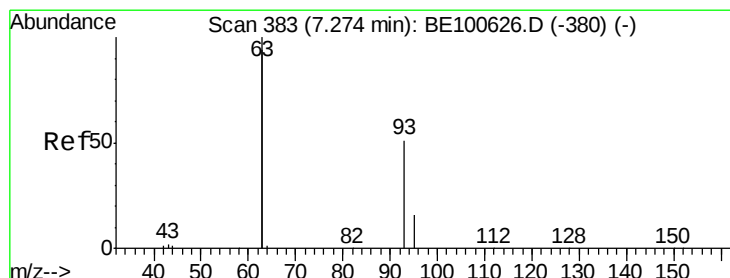
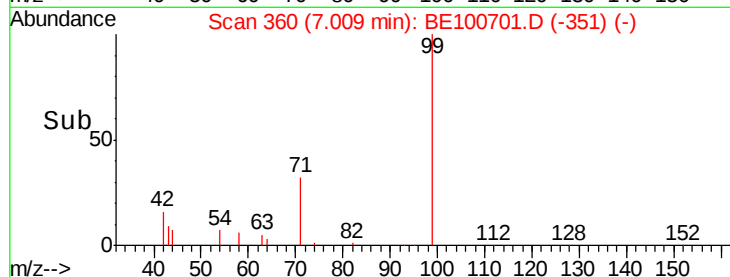
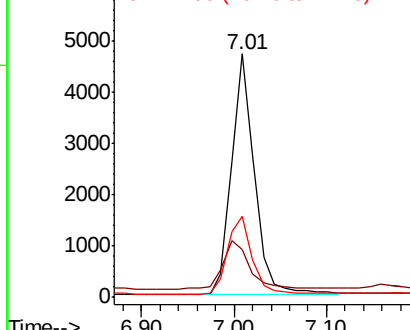
99 100

42 23.9 17.7 26.5

71 35.0 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: 0.388 ng

RT: 7.27 min Scan# 383

Delta R.T. -0.00 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

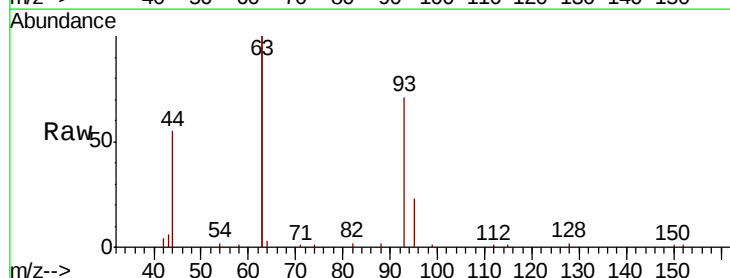
Tgt Ion: 93 Resp: 6334

Ion Ratio Lower Upper

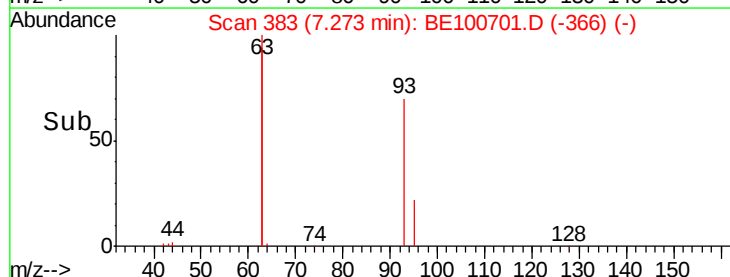
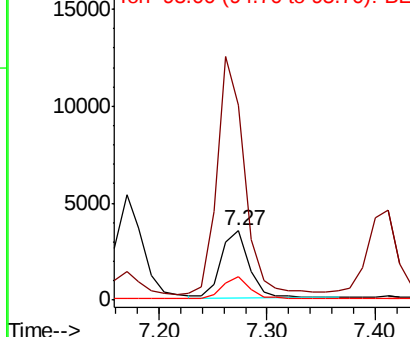
93 100

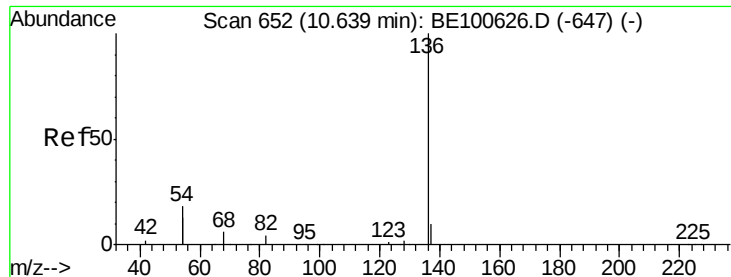
63 339.3 268.8 403.2

95 29.9 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: BE100701.D

Acq: 7 Nov 2019 14:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 19345

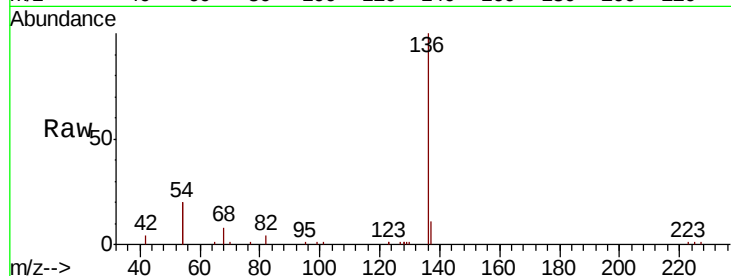
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 39.4 39.4 59.2#

68 8.0 8.0 12.0#

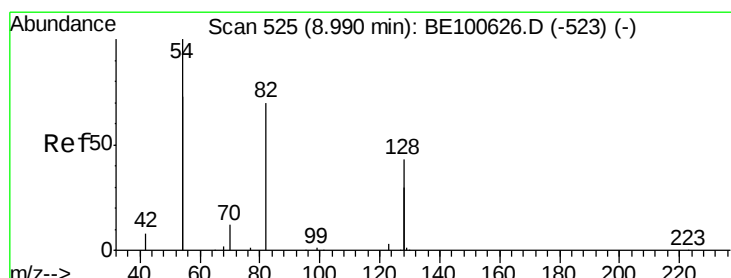
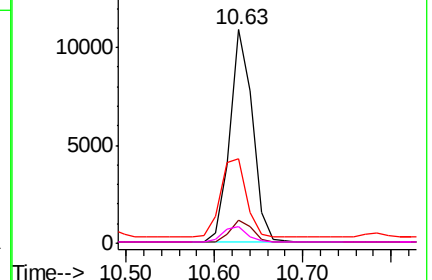
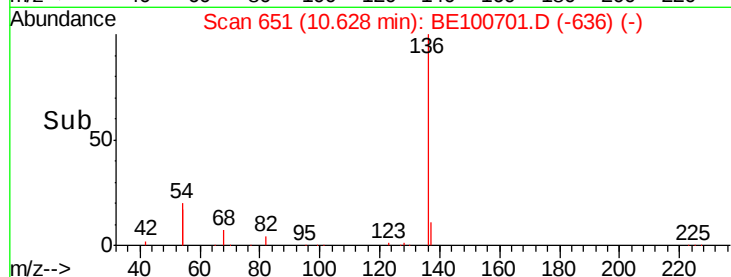


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.493 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

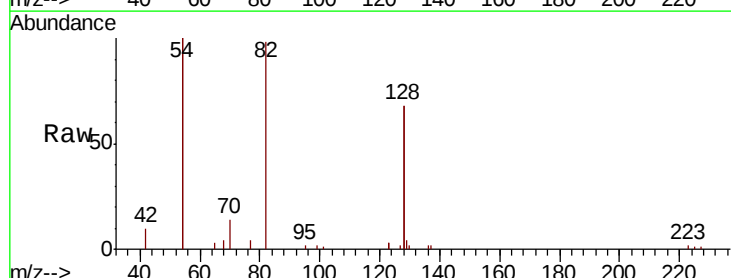
Tgt Ion: 82 Resp: 5915

Ion Ratio Lower Upper

82 100

128 139.9 107.8 161.8

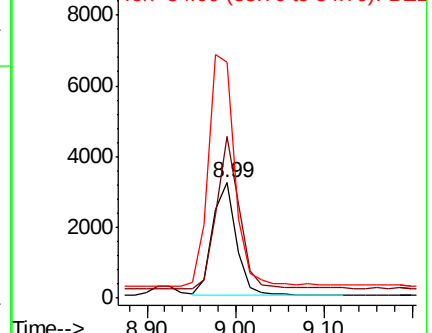
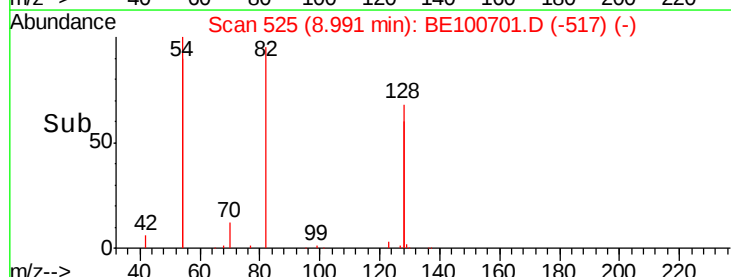
54 204.9 166.1 249.1

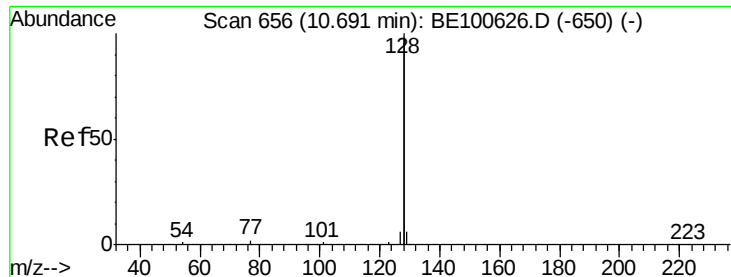


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.385 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

Instrument :

BNA_E

ClientSampleId :

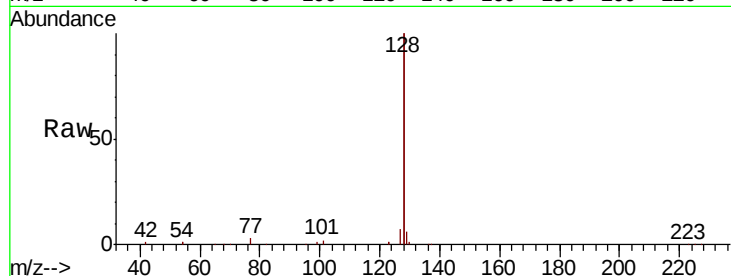
Tot Ion:128 Resp: 78328

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

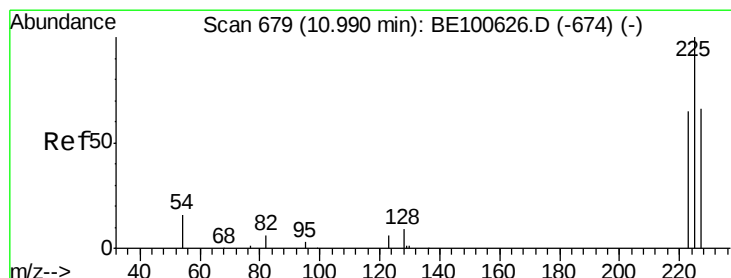
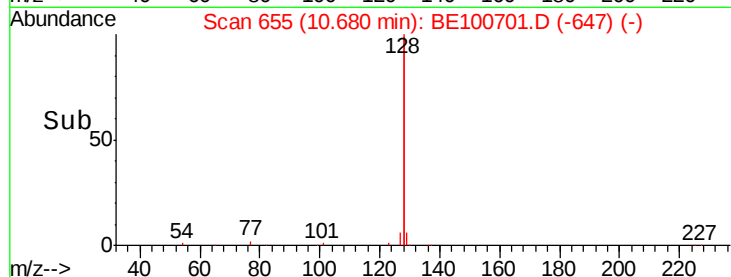
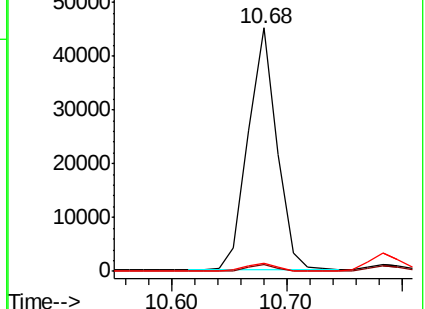
127 3.3 2.7 4.1



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: 0.389 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

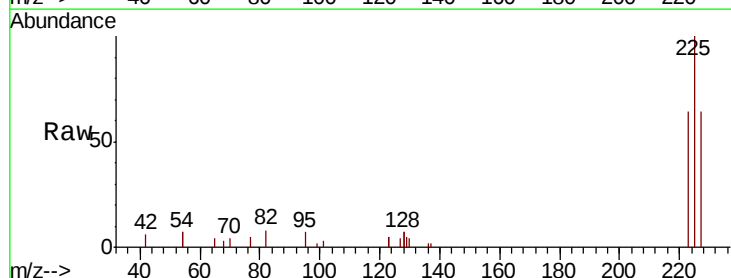
Tgt Ion:225 Resp: 3438

Ion Ratio Lower Upper

225 100

223 62.6 48.6 72.8

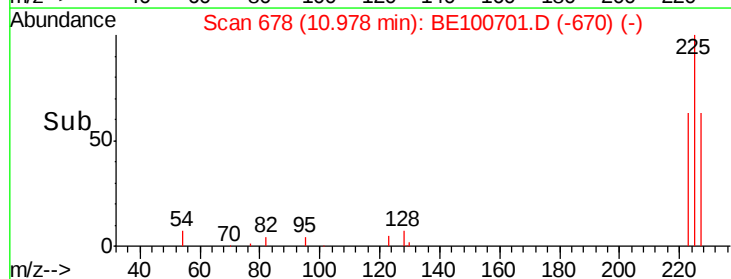
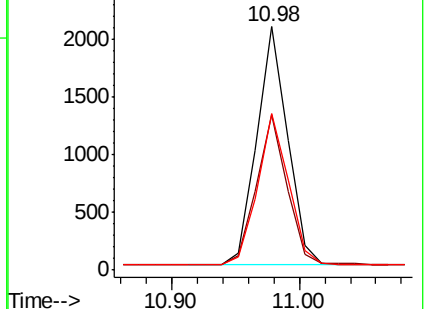
227 64.1 51.6 77.4

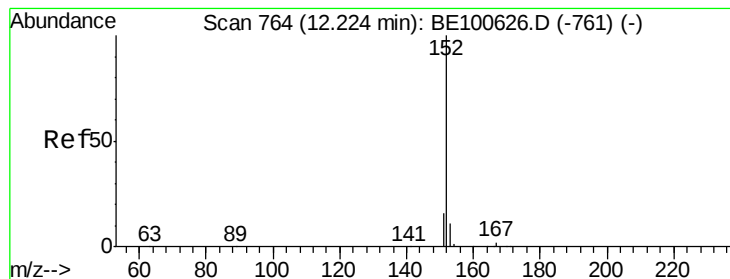


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.389 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

Instrument :

BNA_E

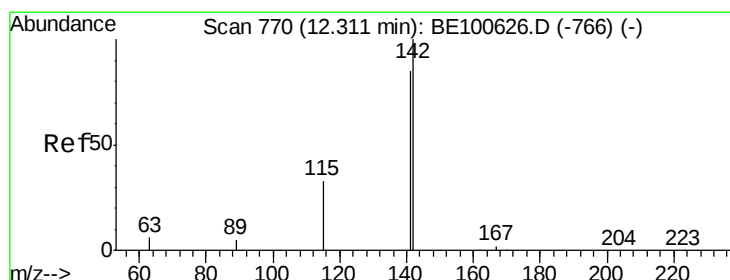
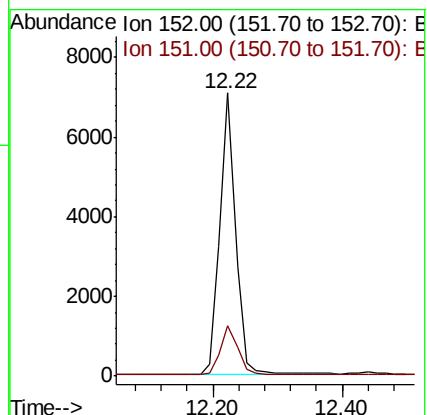
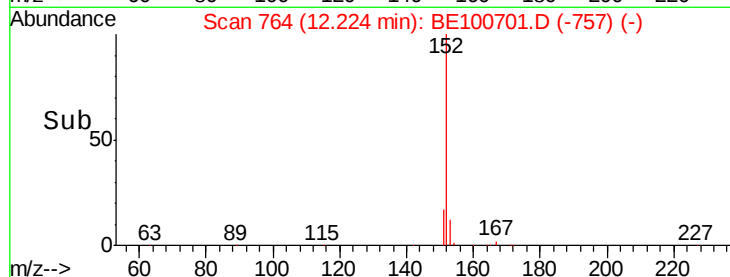
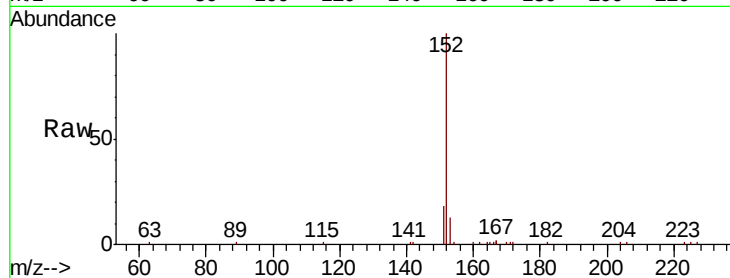
ClientSampleId :

Tot Ion:152 Resp: 11865

Ion Ratio Lower Upper

152 100

151 19.0 14.7 22.1



#12

2-Methylnaphthalene

Concen: 0.386 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

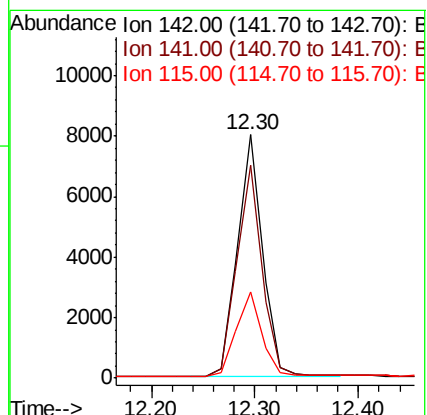
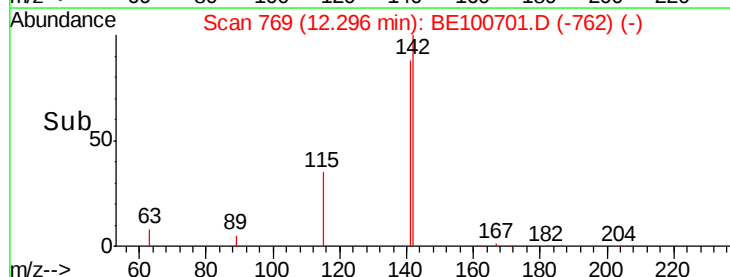
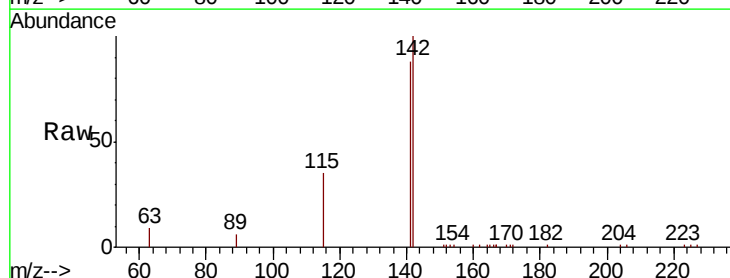
Tgt Ion:142 Resp: 13391

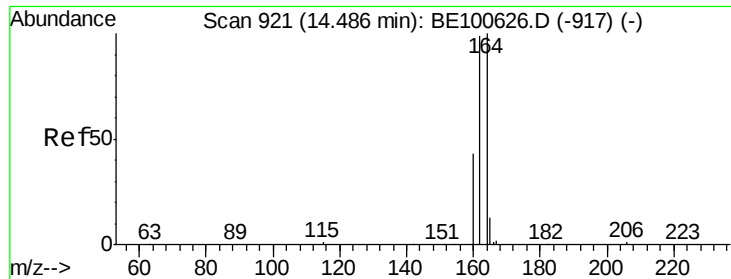
Ion Ratio Lower Upper

142 100

141 87.6 70.1 105.1

115 35.2 28.3 42.5

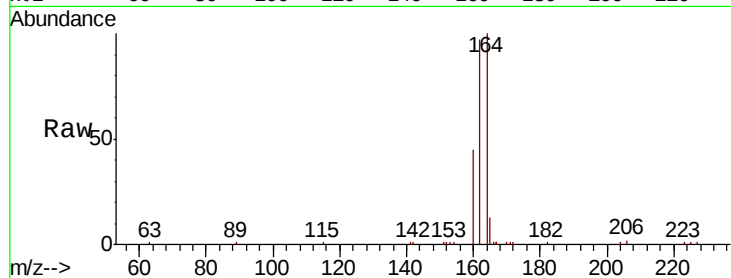




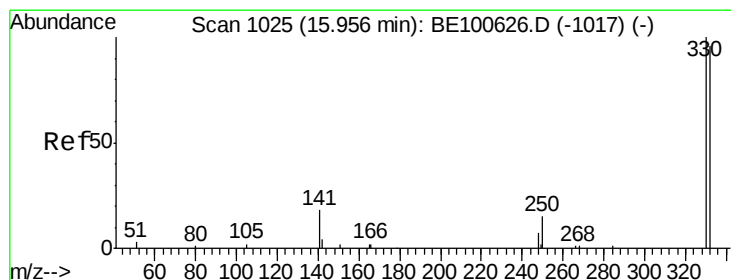
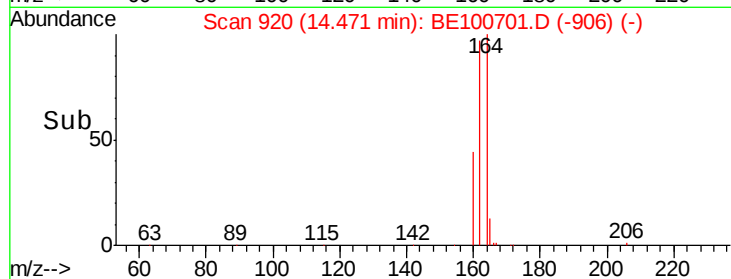
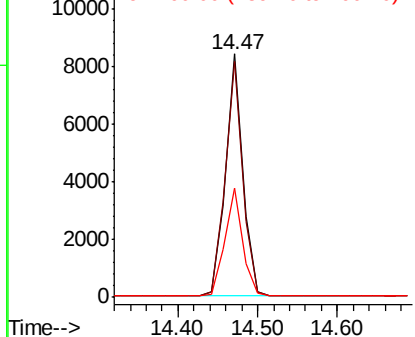
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE100701.D
 Acq: 7 Nov 2019 14:54

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 12636
 Ion Ratio Lower Upper
 164 100
 162 96.9 82.0 123.0
 160 44.6 37.5 56.3

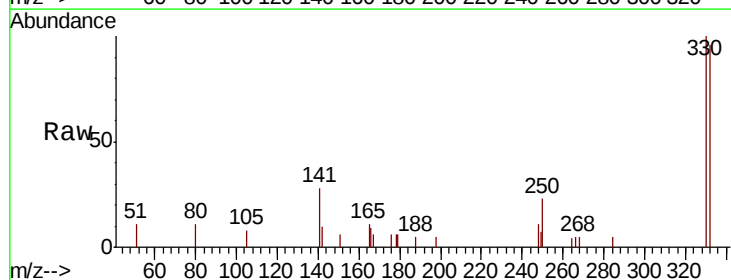


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

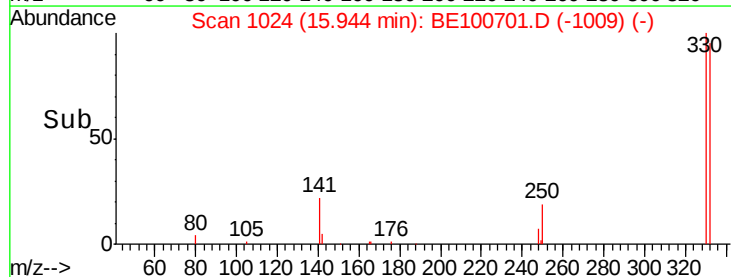
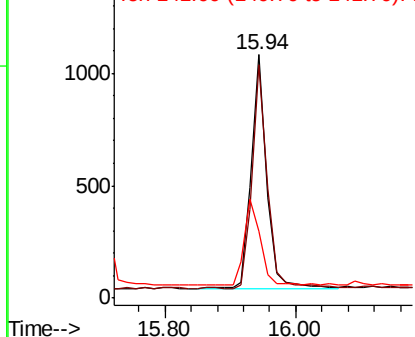


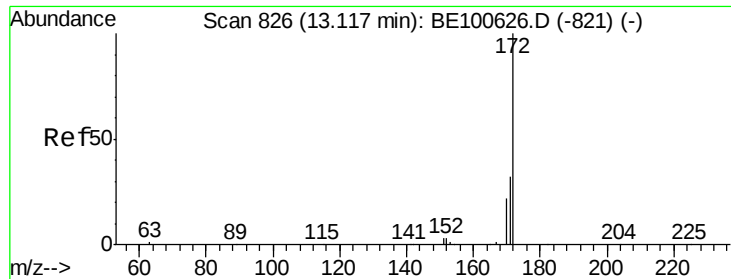
#14
 2,4,6-Tribromophenol
 Concen: 0.500 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE100701.D
 Acq: 7 Nov 2019 14:54

Tgt Ion:330 Resp: 1671
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.9 116.9
 141 38.7 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

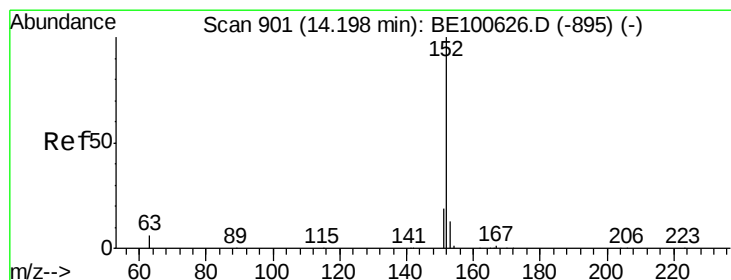
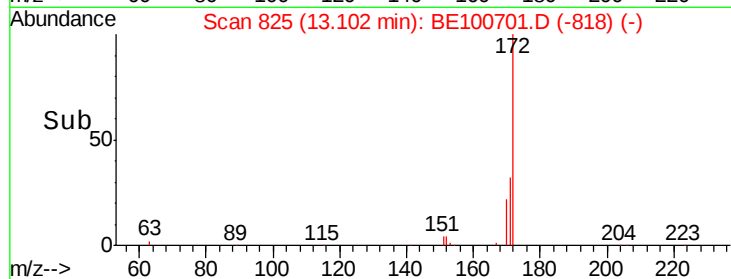
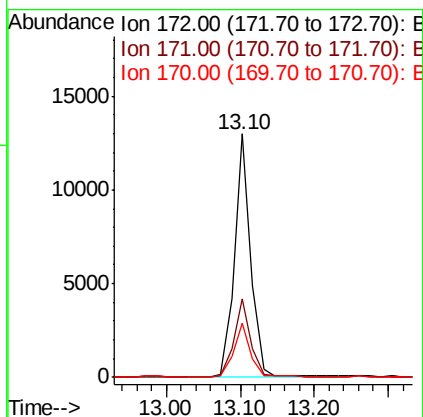
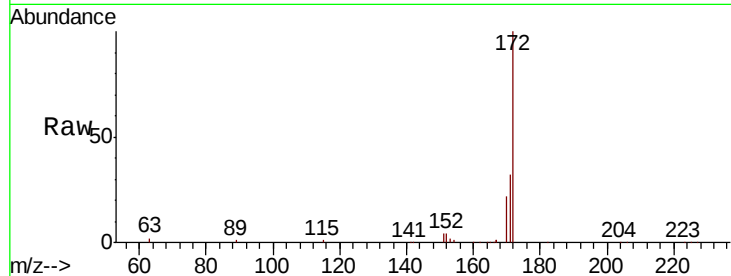




#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

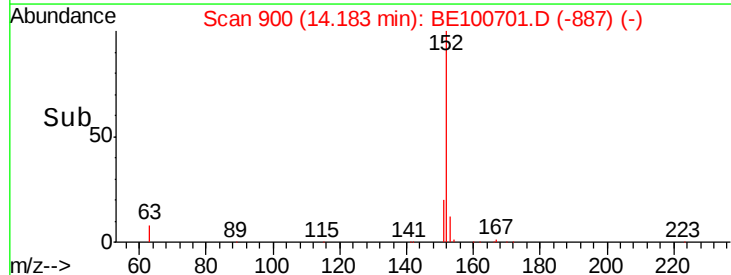
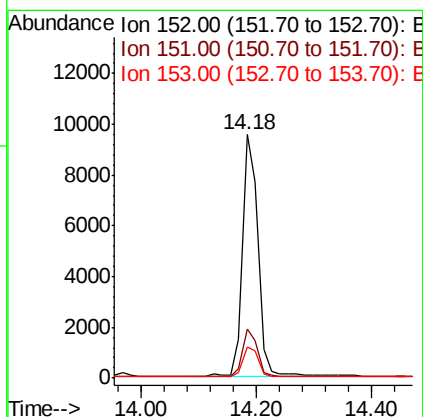
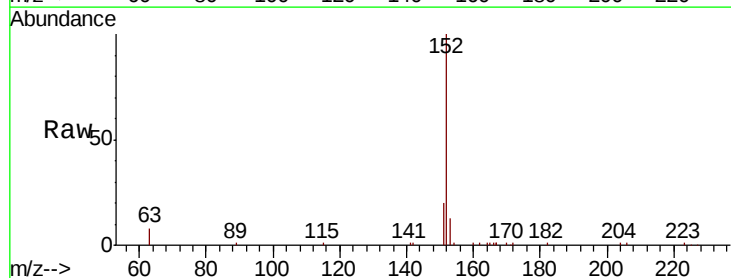
Instrument :
BNA_E
ClientSampleId :

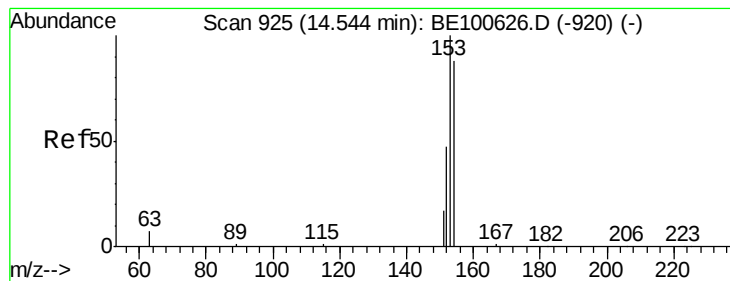
Tot Ion:172 Resp: 19553
Ion Ratio Lower Upper
172 100
171 32.3 26.5 39.7
170 22.3 19.0 28.4



#16
Acenaphthylene
Concen: 0.331 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:152 Resp: 18005
Ion Ratio Lower Upper
152 100
151 19.4 15.2 22.8
153 12.8 10.3 15.5





#17

Acenaphthene

Concen: 0.373 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

Instrument :

BNA_E

ClientSampleId :

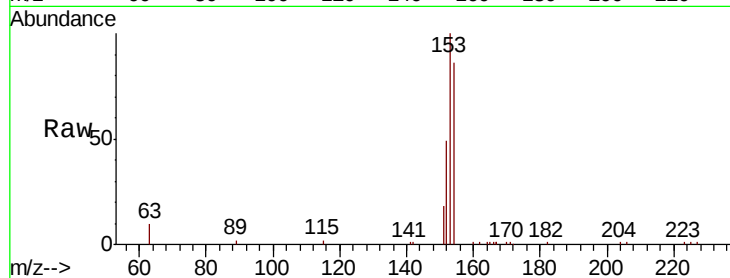
Tot Ion:154 Resp: 13123

Ion Ratio Lower Upper

154 100

153 114.9 89.4 134.2

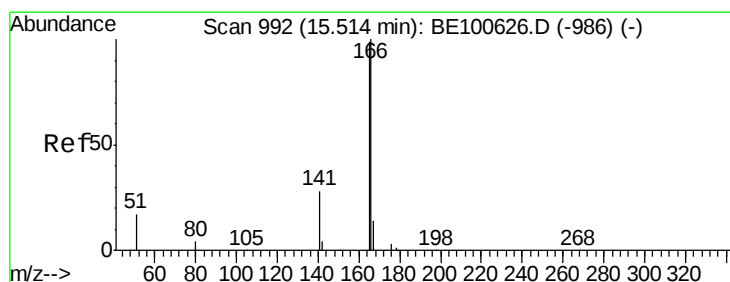
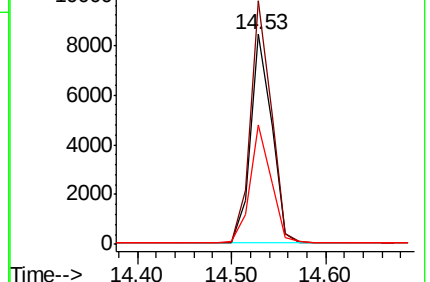
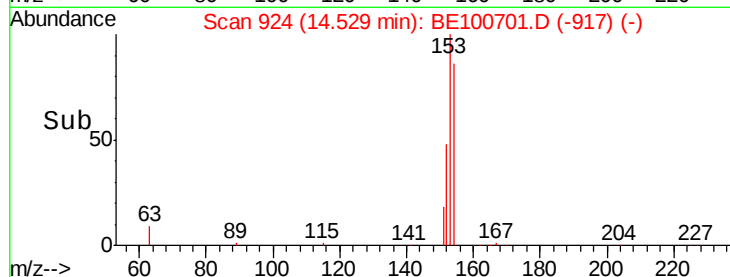
152 55.7 44.1 66.1



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: 0.379 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.00 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

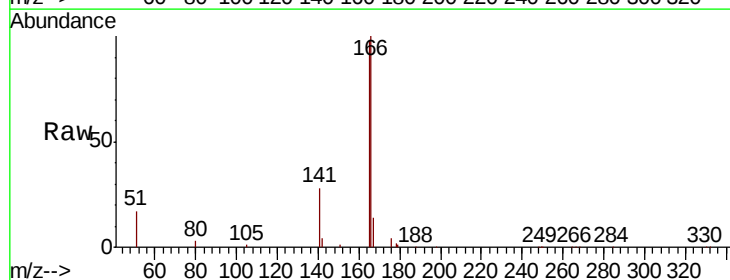
Tgt Ion:166 Resp: 17698

Ion Ratio Lower Upper

166 100

165 99.1 78.6 117.8

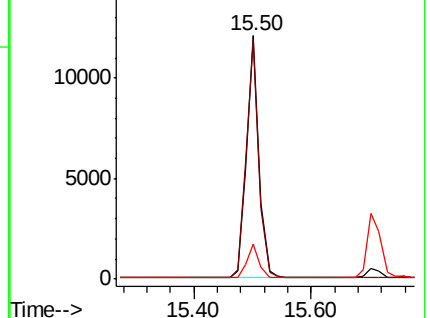
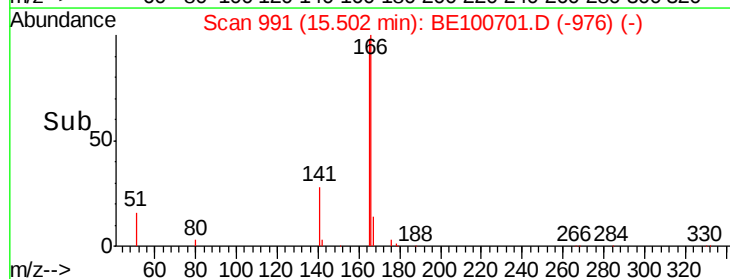
167 13.6 10.9 16.3

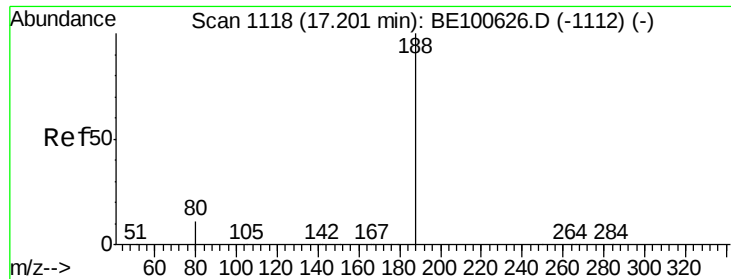


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE100701.D

Acq: 7 Nov 2019 14:54

Instrument :

BNA_E

ClientSampled :

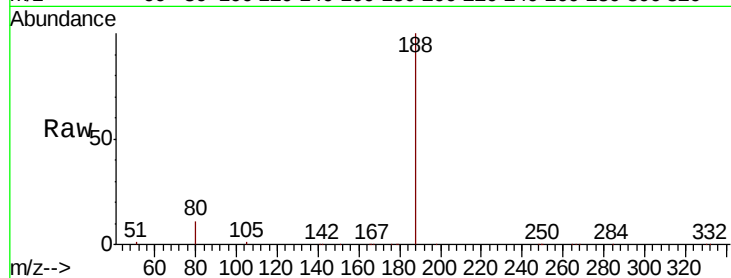
Tot Ion:188 Resp: 31518

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

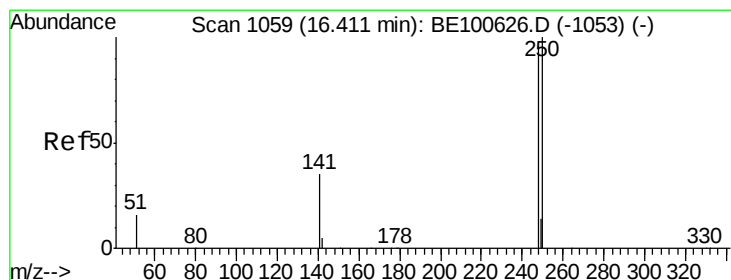
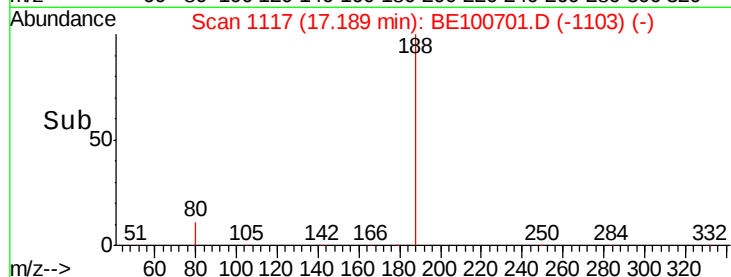
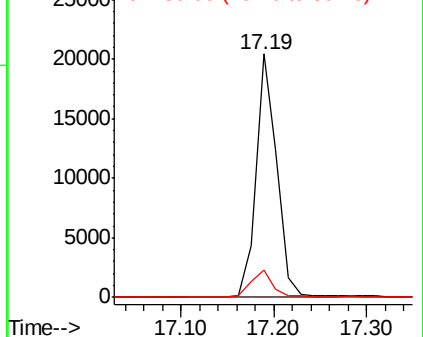
80 11.3 5.4 8.0#



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: 0.358 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

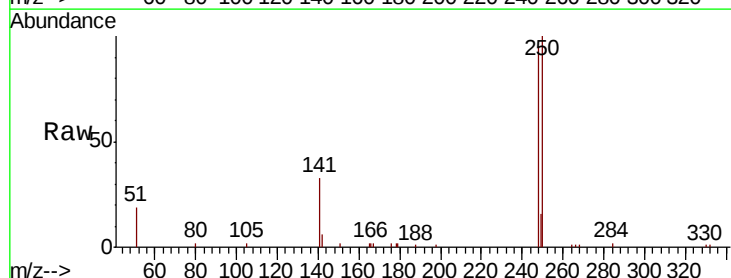
Tgt Ion:248 Resp: 5748

Ion Ratio Lower Upper

248 100

250 105.7 76.3 114.5

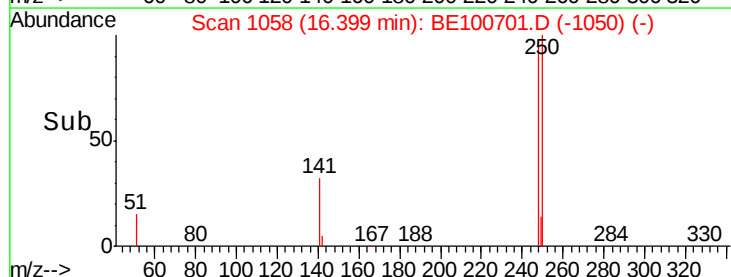
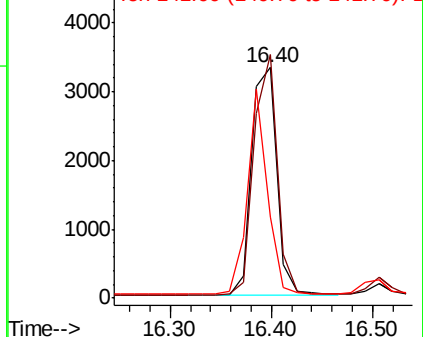
141 35.4 37.3 55.9#

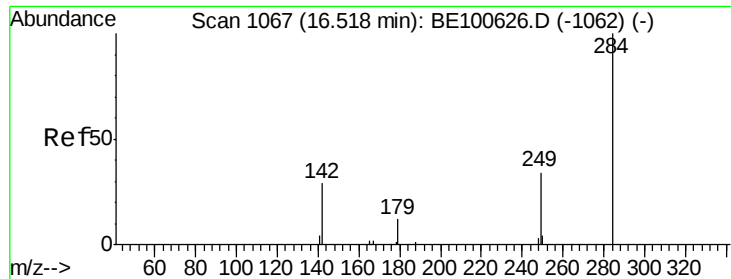


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.377 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

Instrument :

BNA_E

ClientSampled :

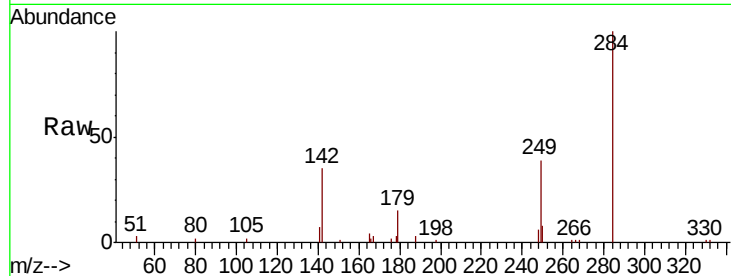
Tot Ion:284 Resp: 5767

Ion Ratio Lower Upper

284 100

142 36.2 28.6 42.8

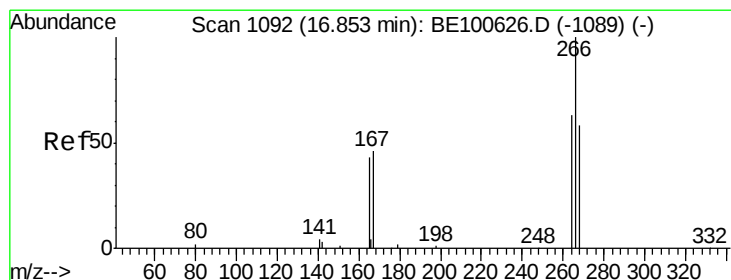
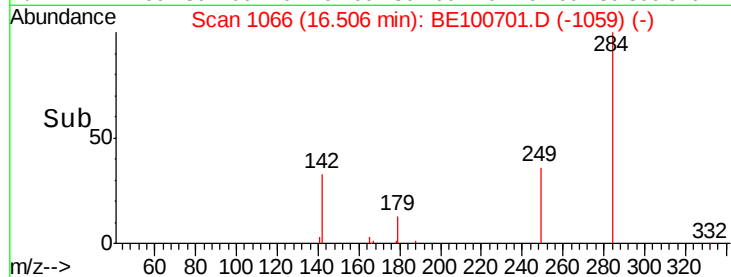
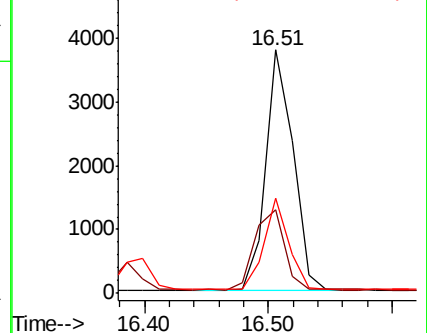
249 34.3 26.3 39.5



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: 0.227 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

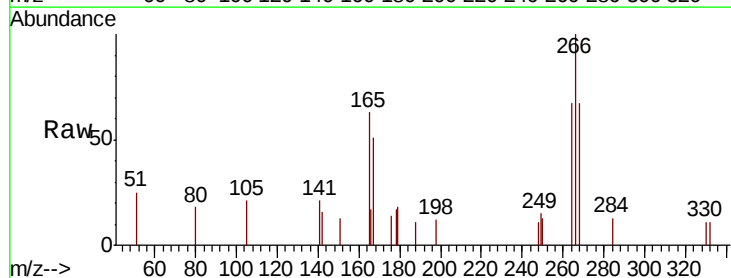
Tgt Ion:266 Resp: 1117

Ion Ratio Lower Upper

266 100

264 67.1 52.2 78.4

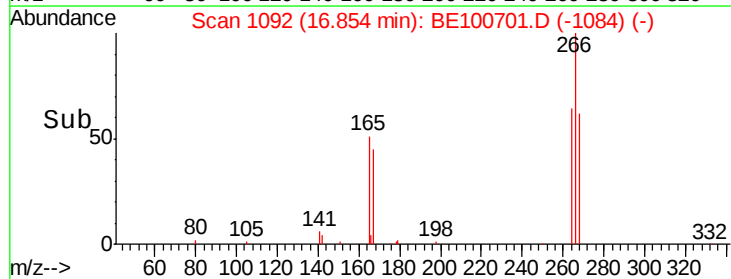
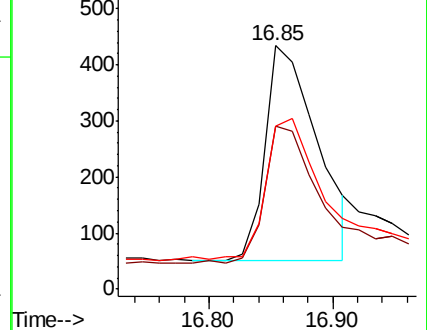
268 66.8 53.1 79.7

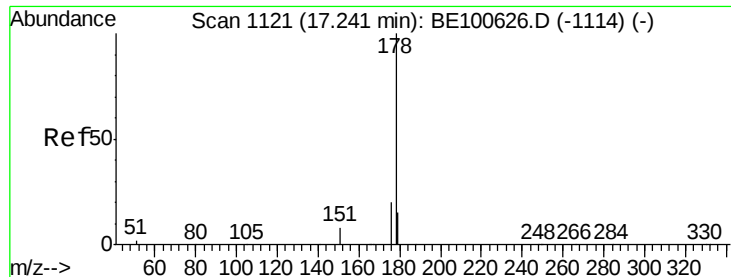


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.407 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

Instrument :

BNA_E

ClientSampleId :

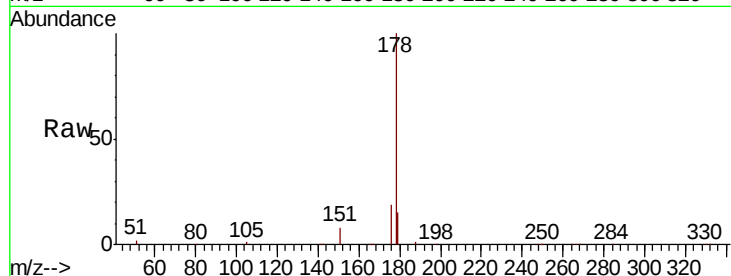
Tot Ion:178 Resp: 35241

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

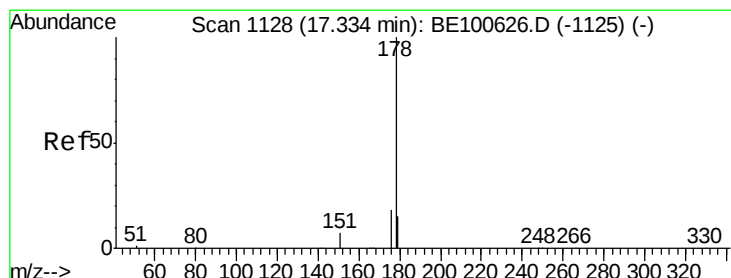
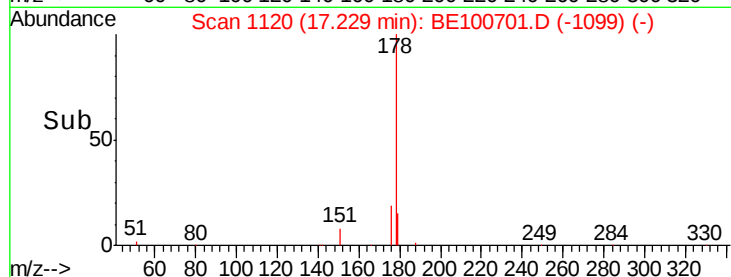
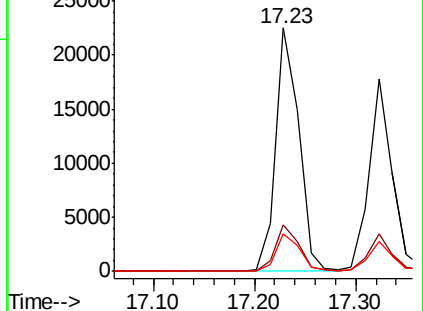
179 15.5 12.1 18.1



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: 0.344 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

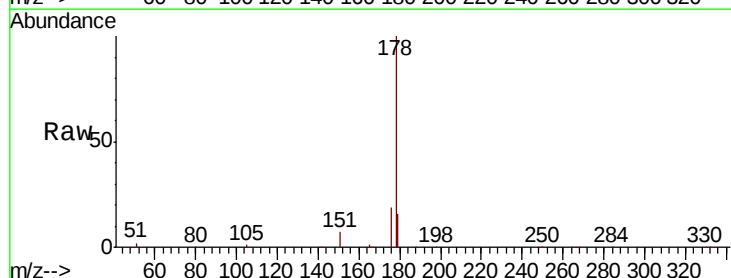
Tgt Ion:178 Resp: 27701

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

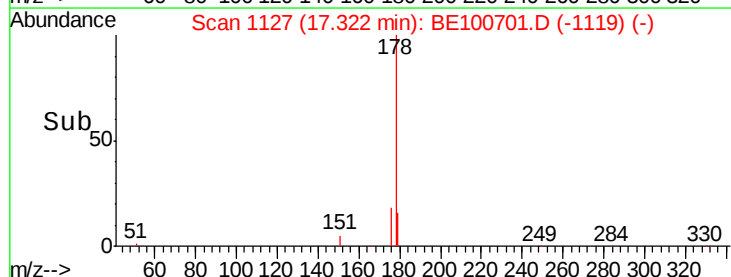
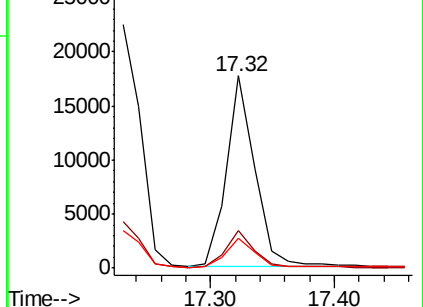
179 15.9 12.5 18.7

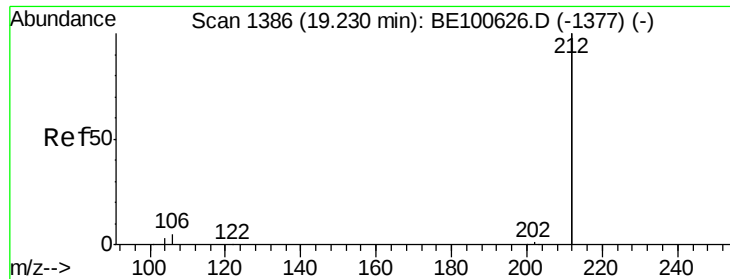


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

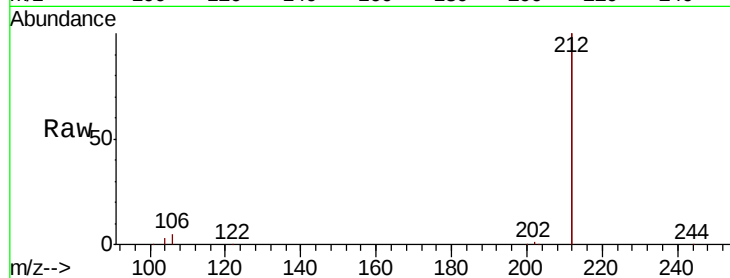




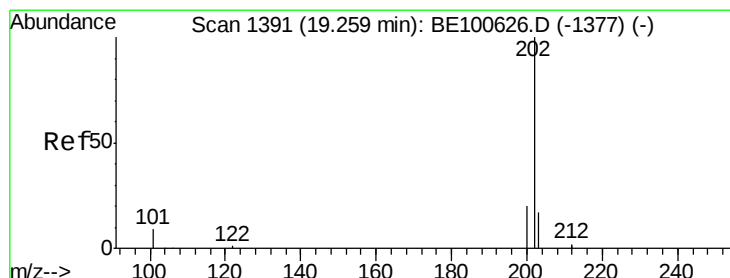
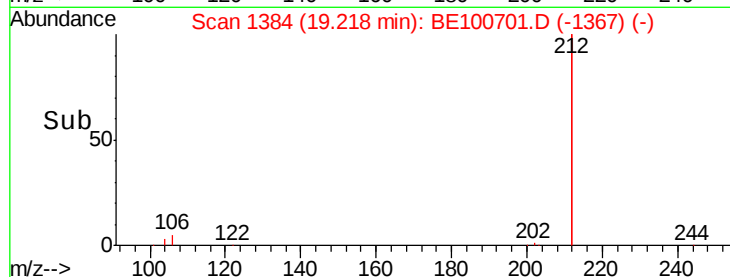
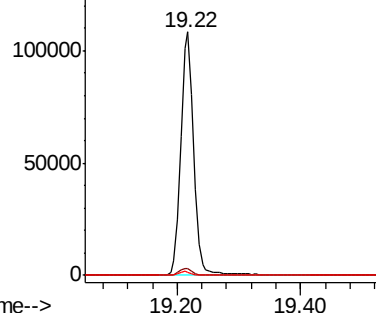
#25
 Fluoranthene-d10
 Concen: 0.384 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BE100701.D
 Acq: 7 Nov 2019 14:54

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 156030
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.3 3.5
 104 1.6 1.3 1.9

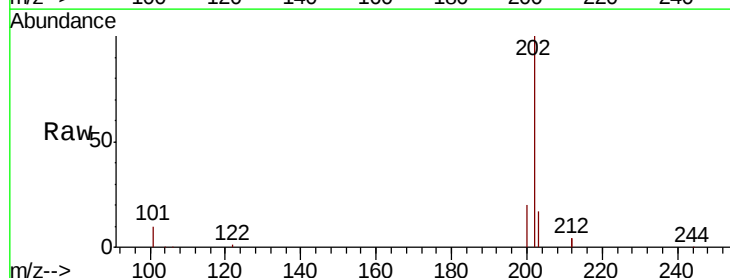


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

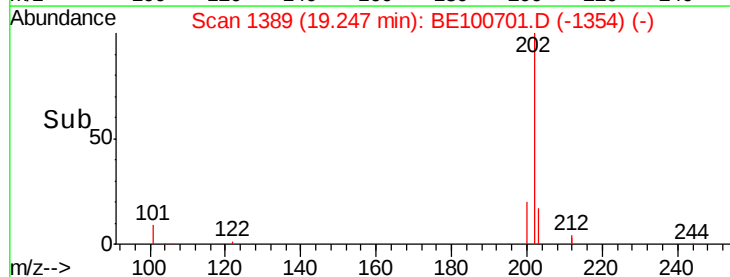
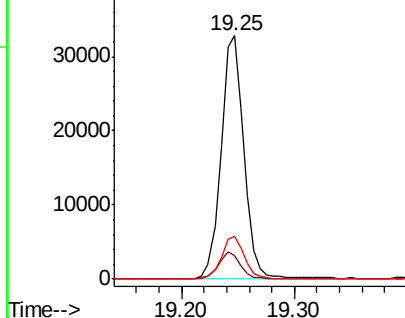


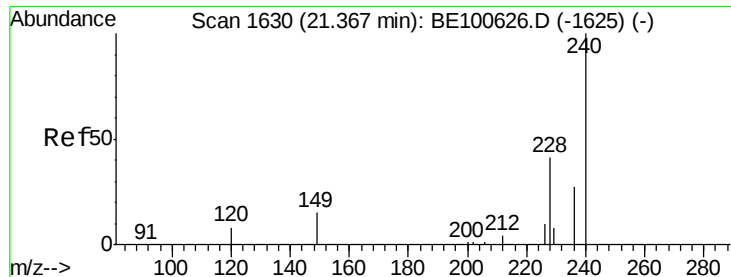
#26
 Fluoranthene
 Concen: 0.404 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BE100701.D
 Acq: 7 Nov 2019 14:54

Tgt Ion:202 Resp: 45740
 Ion Ratio Lower Upper
 202 100
 101 10.7 8.5 12.7
 203 17.0 13.8 20.8



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

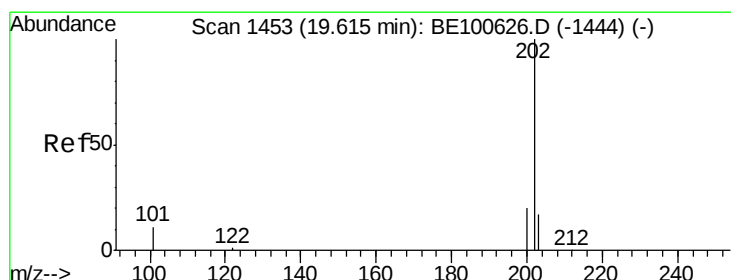
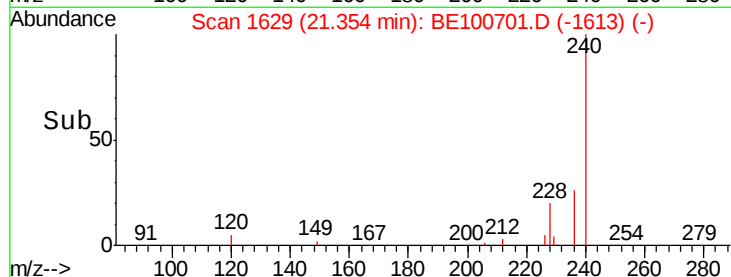
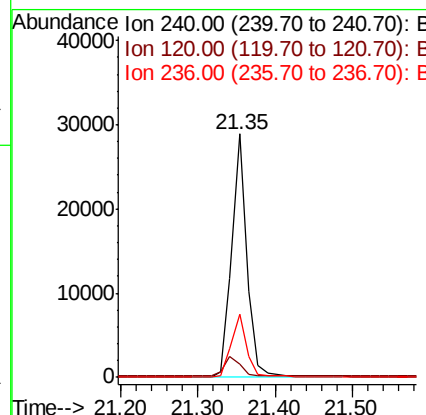
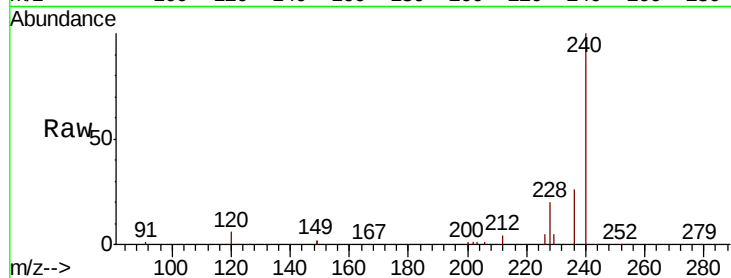




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

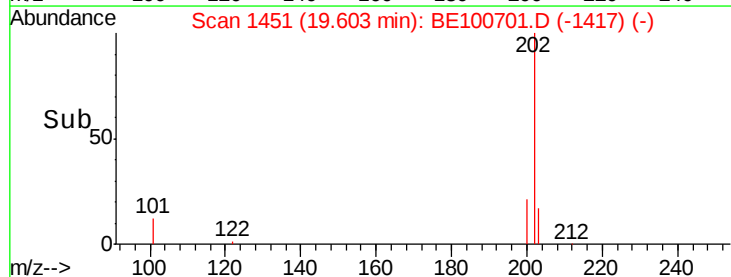
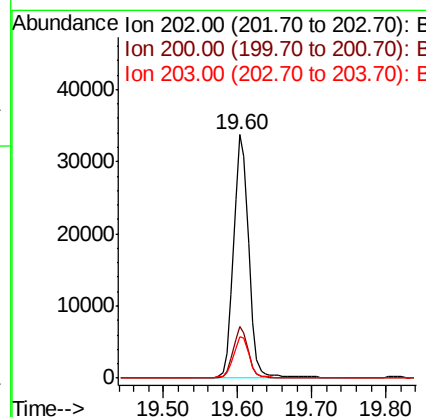
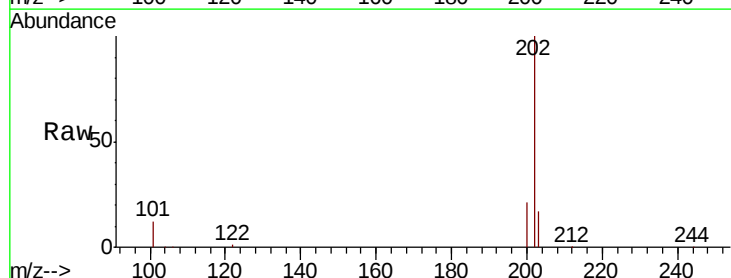
Instrument :
BNA_E
ClientSampleId :

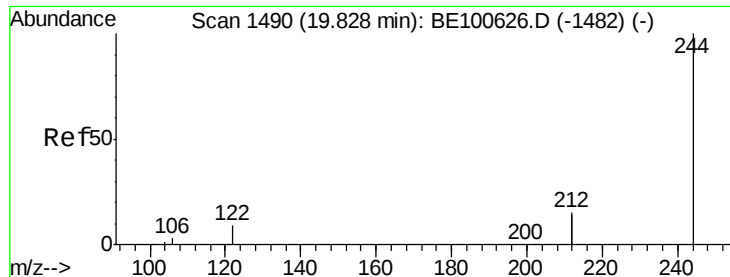
Tot Ion:240 Resp: 39238
Ion Ratio Lower Upper
240 100
120 5.5 7.6 11.4#
236 26.1 22.1 33.1



#28
Pyrene
Concen: 0.432 ng
RT: 19.60 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:202 Resp: 47336
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.5 14.0 21.0





#29

Terphenyl-d14

Concen: 0.464 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

Instrument :

BNA_E

ClientSampled :

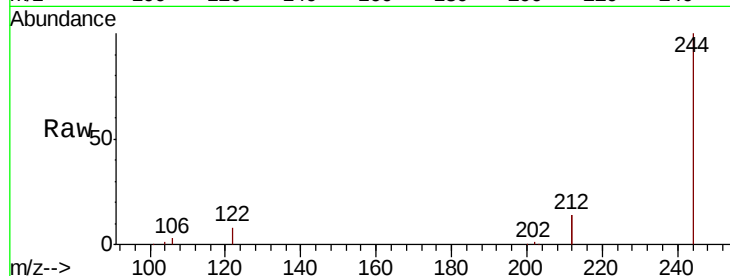
Tot Ion:244 Resp: 39814

Ion Ratio Lower Upper

244 100

212 28.2 23.7 35.5

122 8.0 7.9 11.9

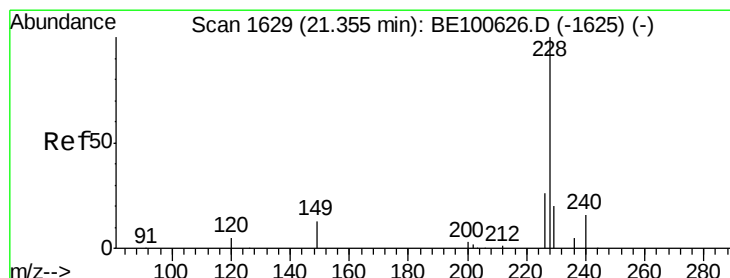
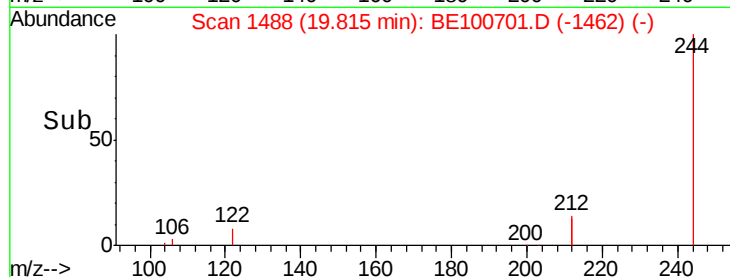
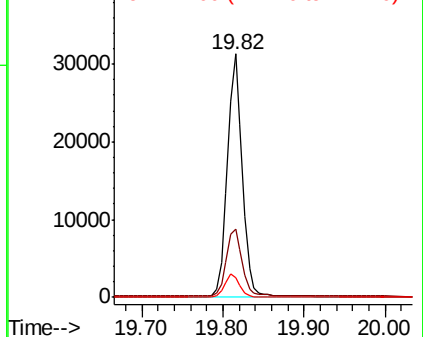


Abundance

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: 0.363 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

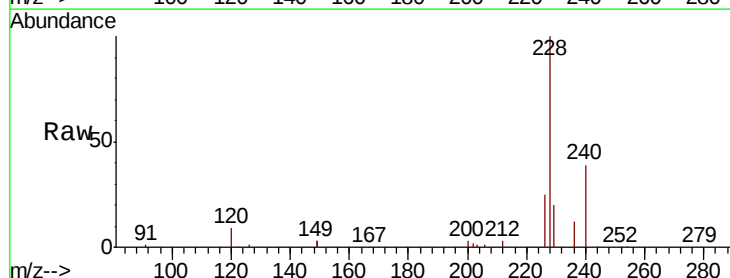
Tgt Ion:228 Resp: 46488

Ion Ratio Lower Upper

228 100

226 25.4 21.4 32.0

229 20.2 16.0 24.0

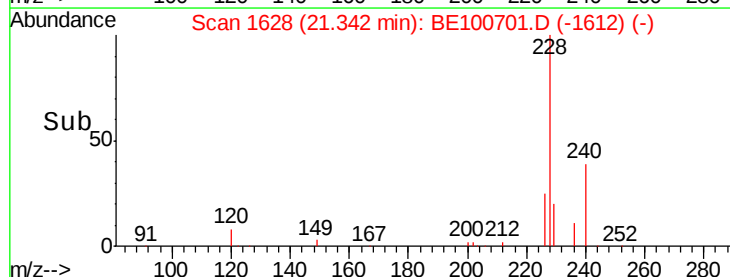
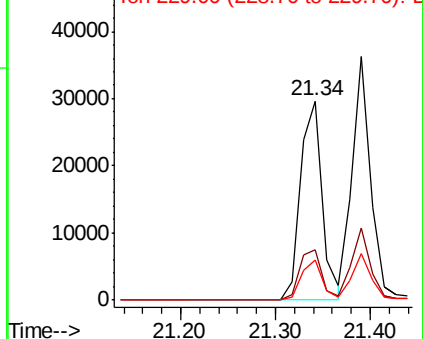


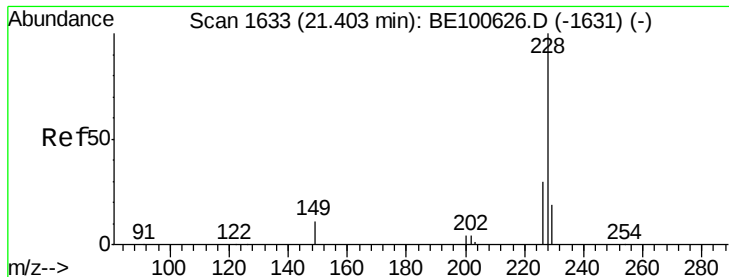
Abundance

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: 0.381 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

Instrument :

BNA_E

ClientSampled :

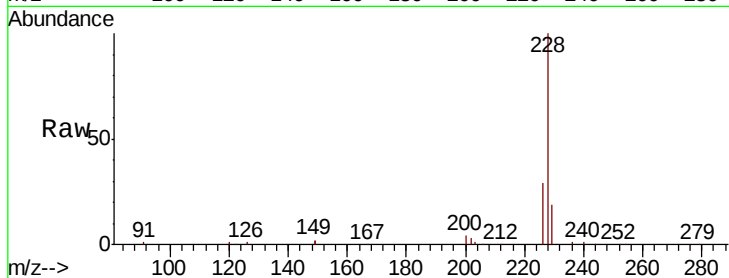
Tot Ion:228 Resp: 48676

Ion Ratio Lower Upper

228 100

226 29.4 24.6 37.0

229 19.2 15.8 23.8

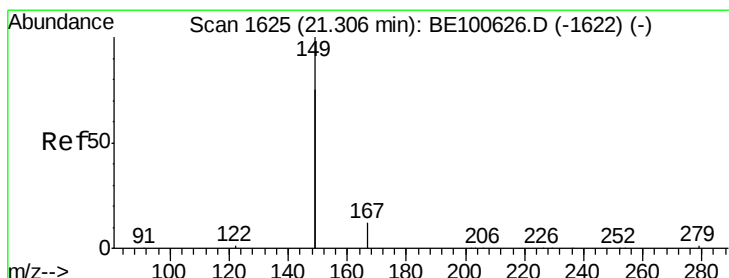
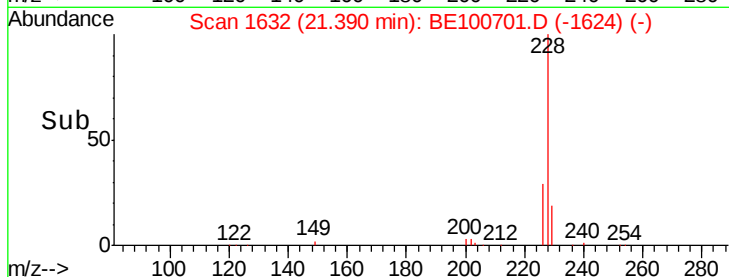
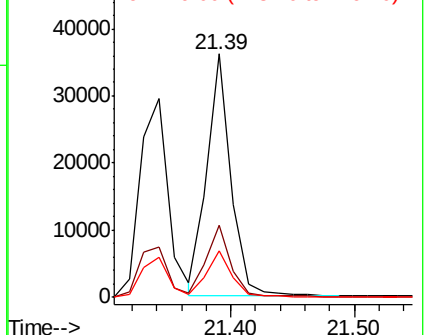


Abundance

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: 0.237 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

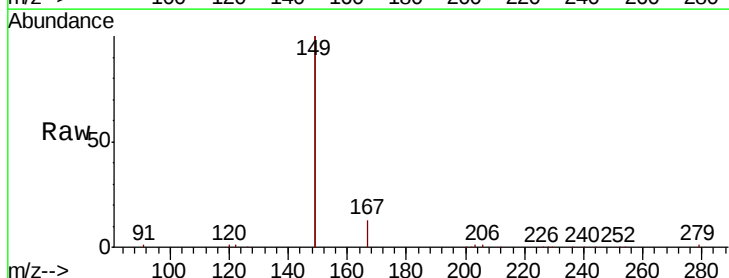
Tgt Ion:149 Resp: 63410

Ion Ratio Lower Upper

149 100

167 6.9 5.5 8.3

279 1.0 0.9 1.3

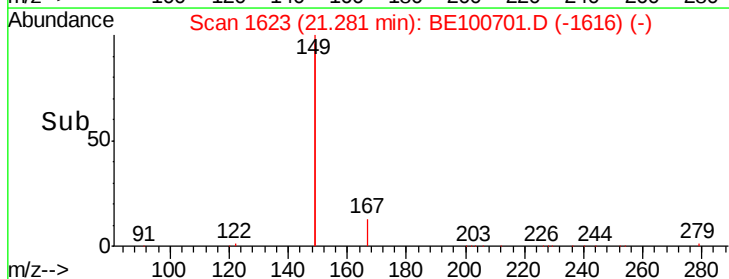
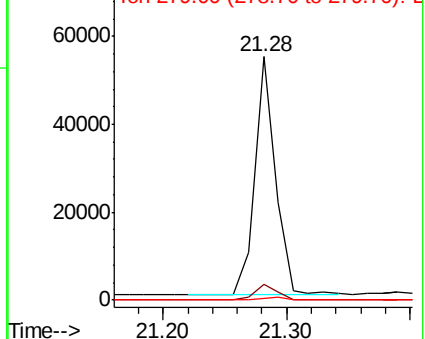


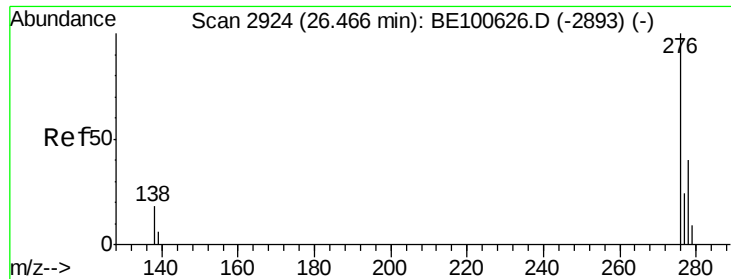
Abundance

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

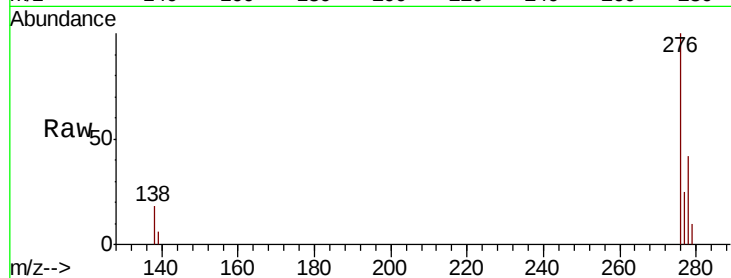




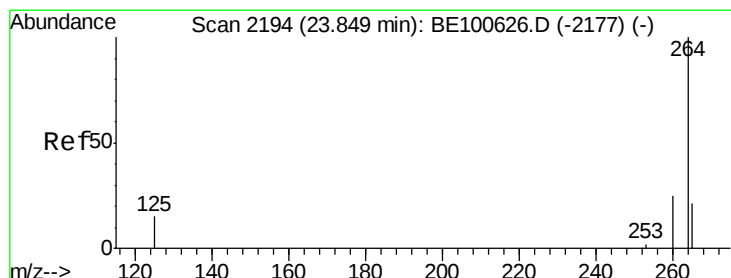
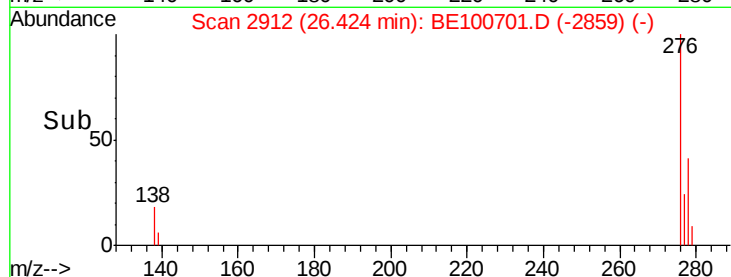
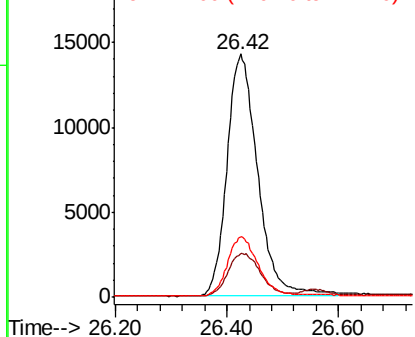
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng
RT: 26.42 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 54630
Ion Ratio Lower Upper
276 100
138 18.5 15.3 22.9
277 24.5 19.4 29.2

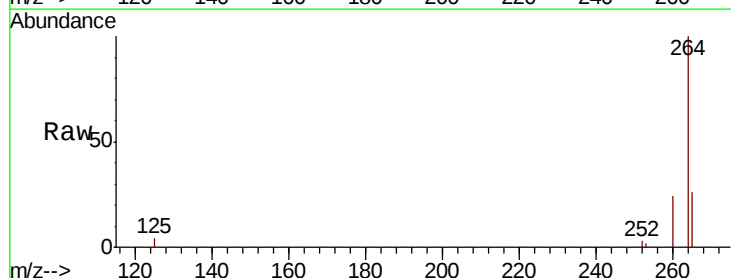


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

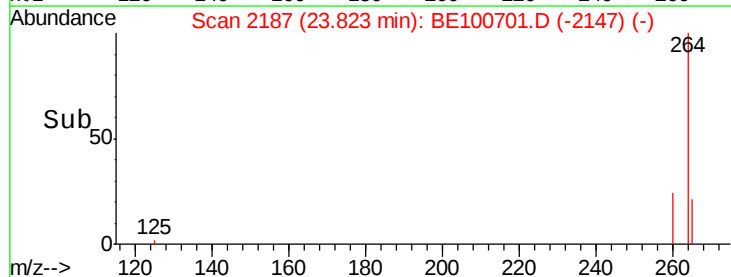
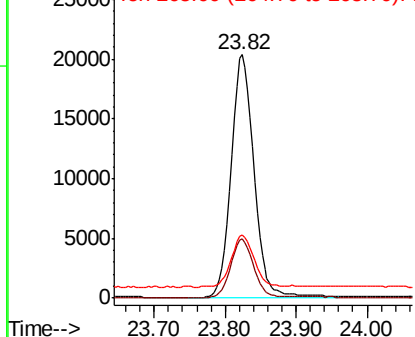


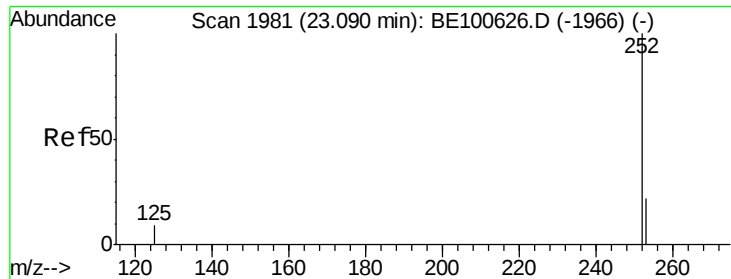
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.82 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:264 Resp: 45186
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 25.9 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

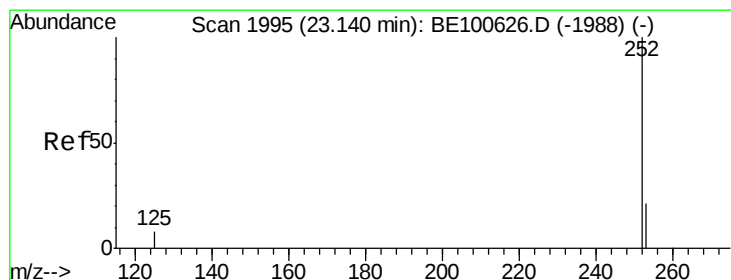
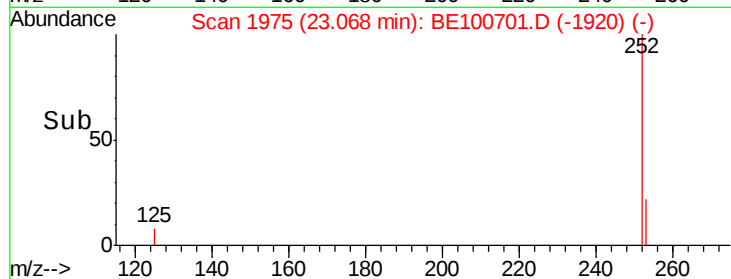
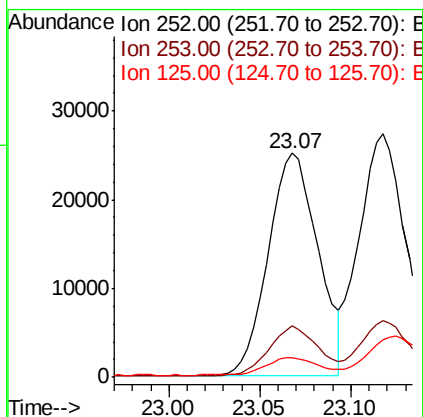
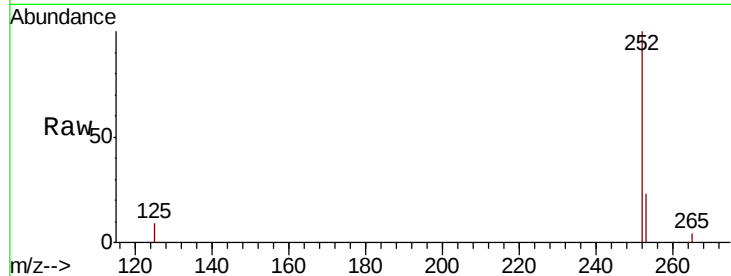




#35
Benzo(b)fluoranthene
Concen: 0.362 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

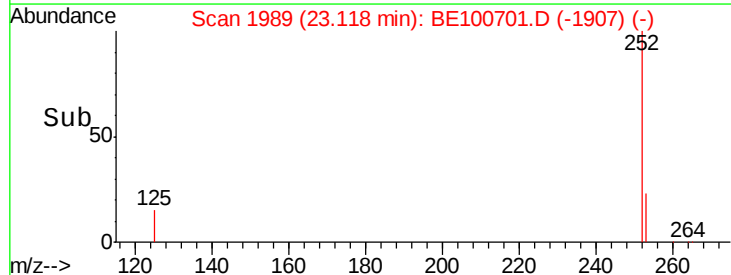
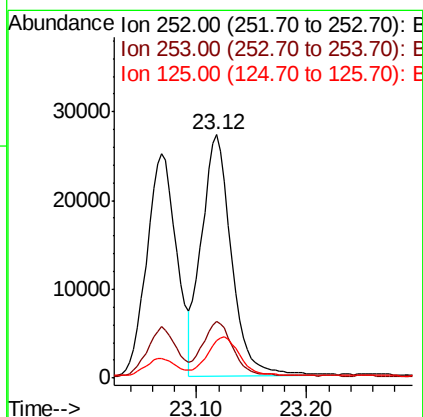
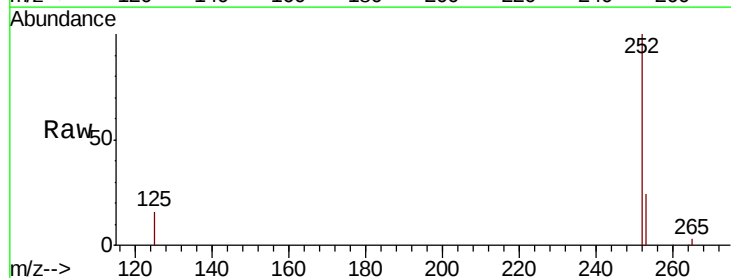
Instrument :
BNA_E
ClientSampleId :

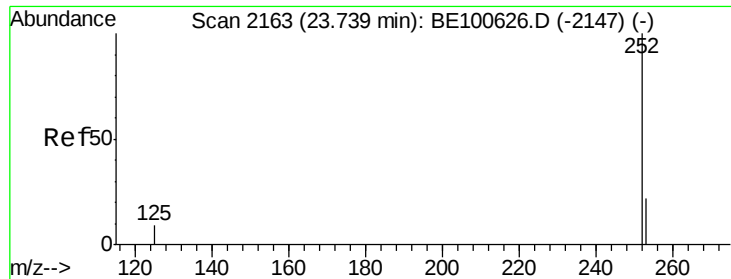
Tot Ion:252 Resp: 47689
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 9.0 7.6 11.4



#36
Benzo(k)fluoranthene
Concen: 0.377 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:252 Resp: 51096
Ion Ratio Lower Upper
252 100
253 23.5 18.4 27.6
125 15.6 11.6 17.4





#37

Benzo(a)pyrene

Concen: 0.345 ng

RT: 23.71 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

Instrument :

BNA_E

ClientSampleId :

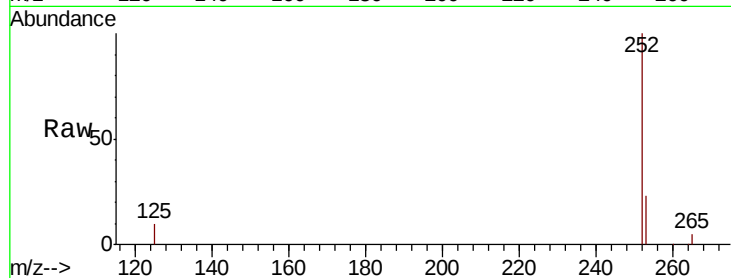
Tot Ion:252 Resp: 42332

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

125 9.9 8.2 12.4

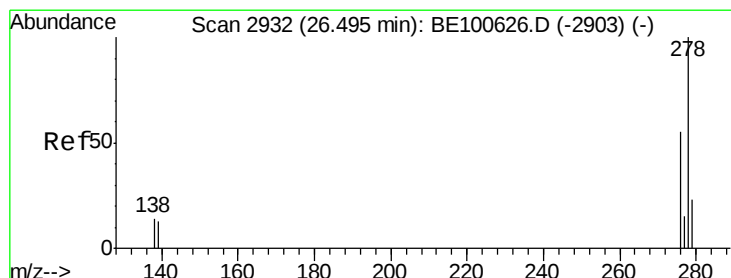
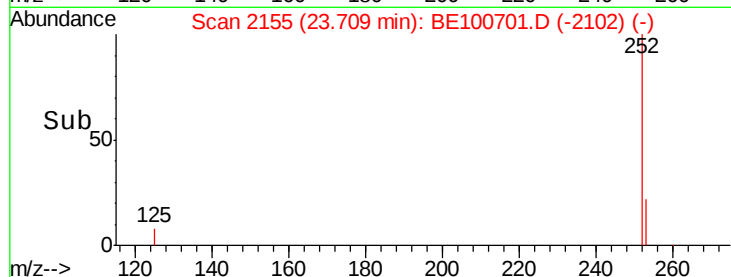
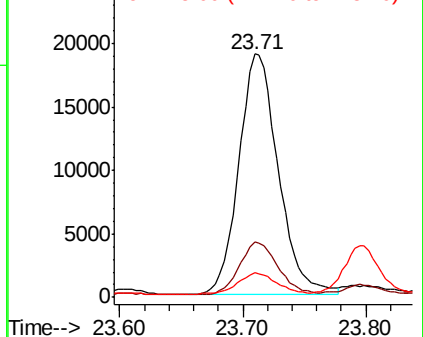


Abundance

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: 0.348 ng

RT: 26.45 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

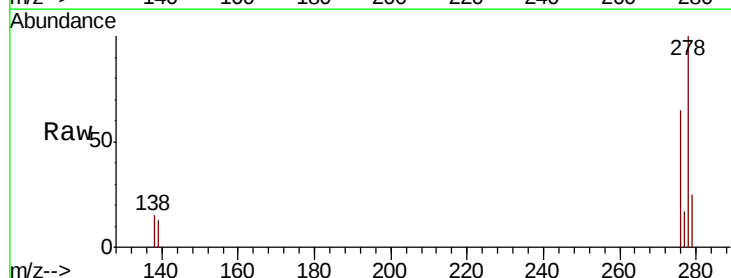
Tgt Ion:278 Resp: 44101

Ion Ratio Lower Upper

278 100

139 12.9 10.9 16.3

279 24.6 19.4 29.2

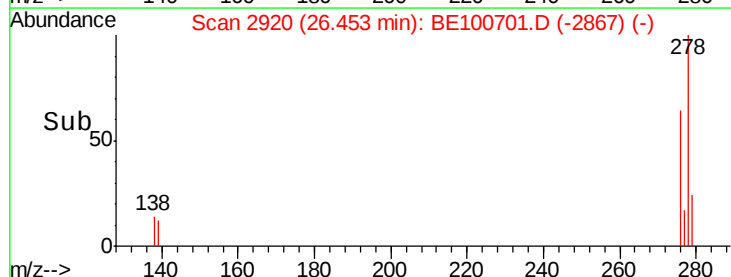
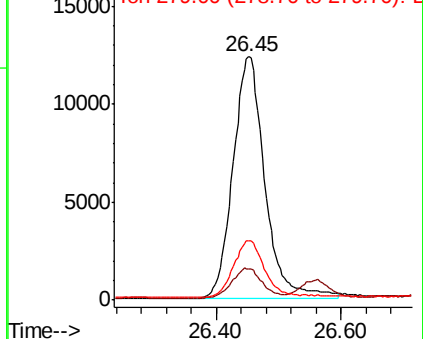


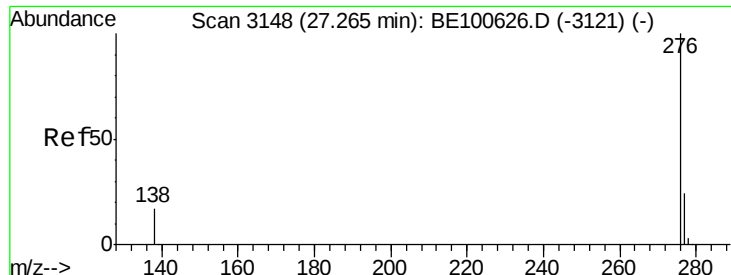
Abundance

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: 0.377 ng

RT: 27.22 min Scan# 3134

Delta R.T. -0.02 min

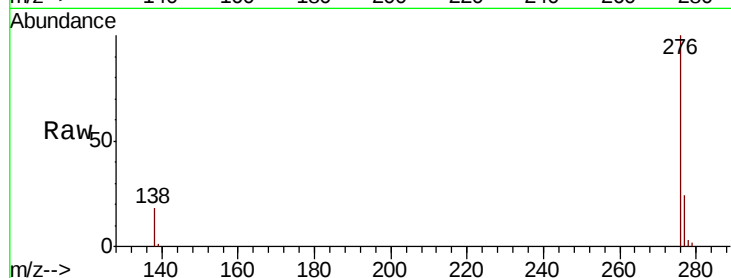
Lab File: BE100701.D

Acq: 7 Nov 2019 14:54

Instrument :

BNA_E

ClientSampleId :



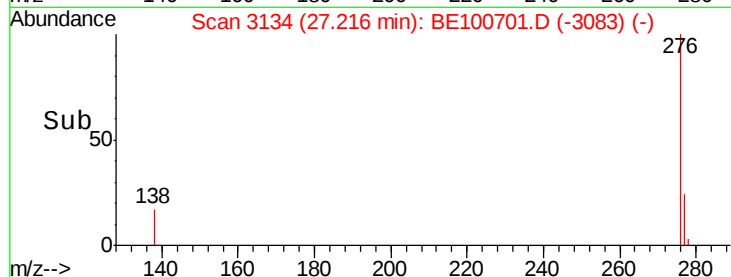
Tot Ion: 276 Resp: 48032

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.0

138 17.5 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

