

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
 Data File : BE100576.D
 Acq On : 27 Sep 2019 17:08
 Operator : JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 27 18:03:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 27 17:54:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	3235	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	16958	0.40	ng	-0.01
13) Acenaphthene-d10	14.48	164	10938	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	23916	0.40	ng	0.00
27) Chrysene-d12	21.37	240	29893	0.40	ng	0.00
34) Perylene-d12	23.85	264	31962	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.43	112	32235	4.26	ng	0.00
5) Phenol-d6	7.02	99	46147	4.45	ng	0.00
8) Nitrobenzene-d5	9.00	82	43280	4.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	88317	3.48	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	11237	6.35	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	124772	3.20	ng	0.00
25) Fluoranthene-d10	19.24	212	1034788	3.64	ng	0.00
29) Terphenyl-d14	19.83	244	248100	3.50	ng	0.00

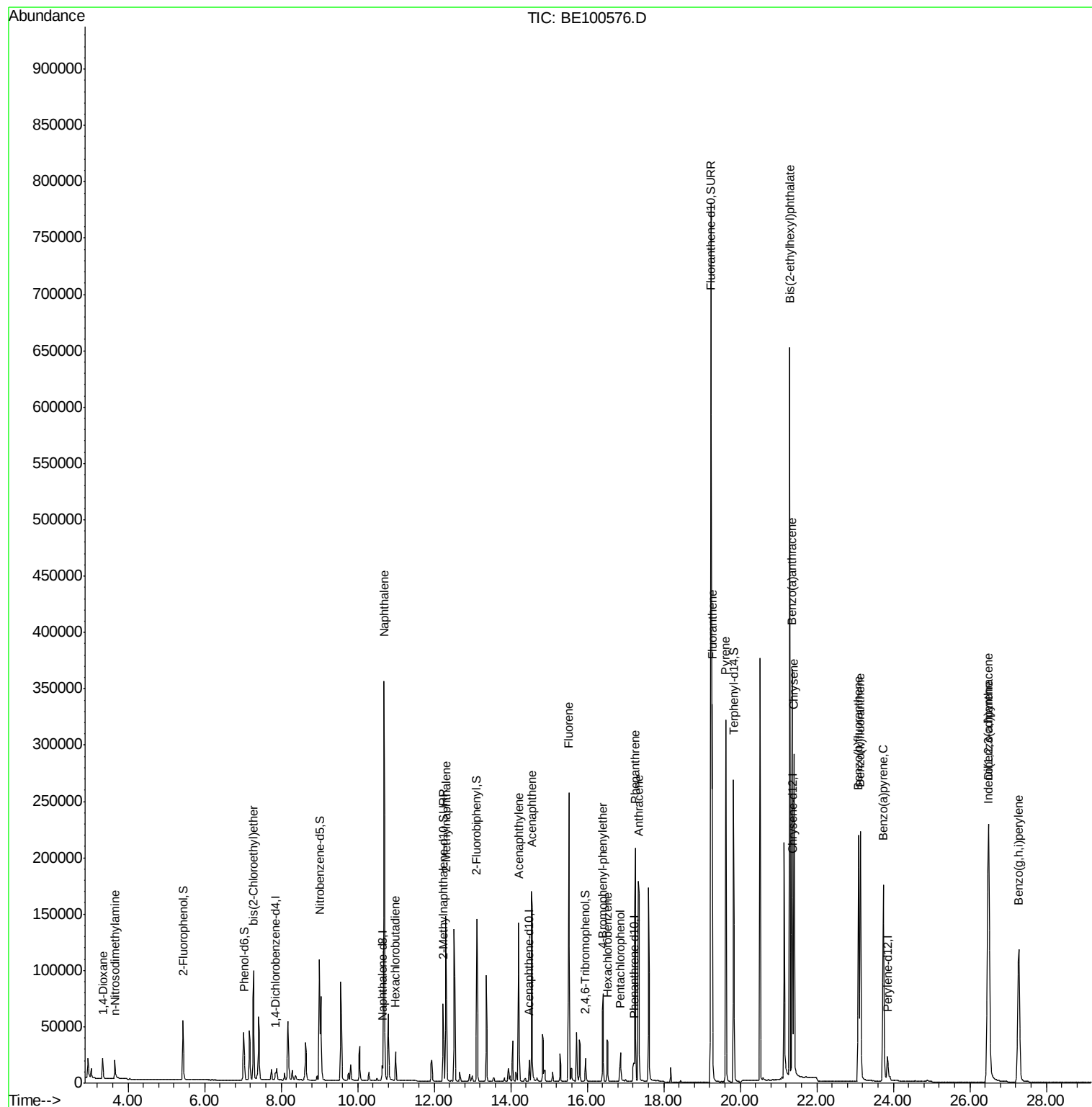
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	15771	3.379	ng	89
3) n-Nitrosodimethylamine	3.65	42	11500	4.200	ng	# 100
6) bis(2-Chloroethyl)ether	7.27	93	38471	3.669	ng	96
9) Naphthalene	10.69	128	576977	3.282	ng	100
10) Hexachlorobutadiene	10.99	225	17203	3.060	ng	99
12) 2-Methylnaphthalene	12.31	142	102831	3.676	ng	98
16) Acenaphthylene	14.21	152	168769	3.747	ng	99
17) Acenaphthene	14.54	154	108049	3.552	ng	95
18) Fluorene	15.51	166	137370	3.611	ng	98
20) 4-Bromophenyl-phenylether	16.41	248	39872	3.548	ng	97
21) Hexachlorobenzene	16.53	284	31742	3.242	ng	98
22) Pentachlorophenol	16.87	266	14168	6.340	ng	92
23) Phenanthrene	17.25	178	229721	3.447	ng	100
24) Anthracene	17.34	178	222867	3.973	ng	100
26) Fluoranthene	19.26	202	289874	3.607	ng	99
28) Pyrene	19.63	202	292983	3.406	ng	99
30) Benzo(a)anthracene	21.35	228	296185	3.710	ng	100
31) Chrysene	21.40	228	296179	3.256	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	696003	8.088	ng	99
33) Indeno(1,2,3-cd)pyrene	26.47	276	359677	3.556	ng	98
35) Benzo(b)fluoranthene	23.09	252	298295	3.449	ng	98
36) Benzo(k)fluoranthene	23.14	252	325646	3.254	ng	# 94
37) Benzo(a)pyrene	23.74	252	284012	3.520	ng	97
38) Dibenzo(a,h)anthracene	26.50	278	300647	3.578	ng	99
39) Benzo(g,h,i)perylene	27.28	276	293231	3.341	ng	98

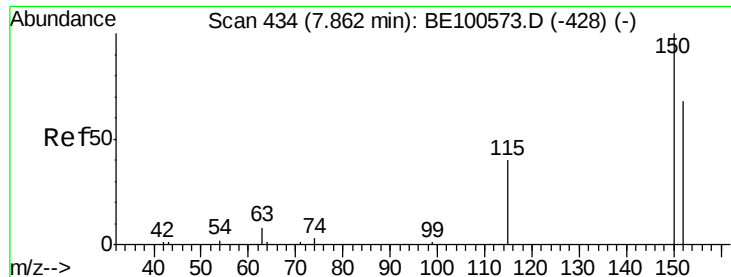
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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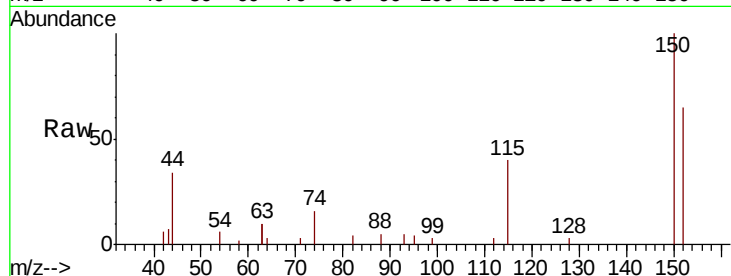


#1

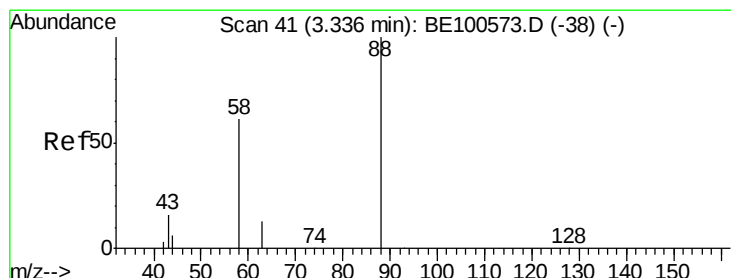
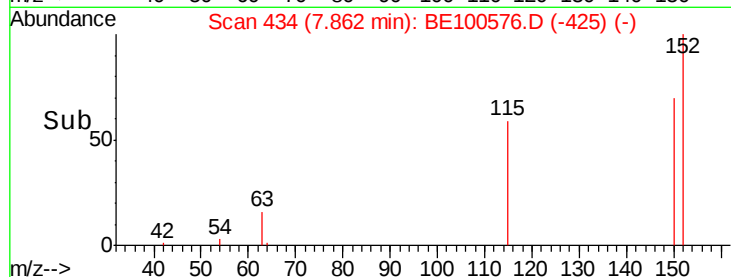
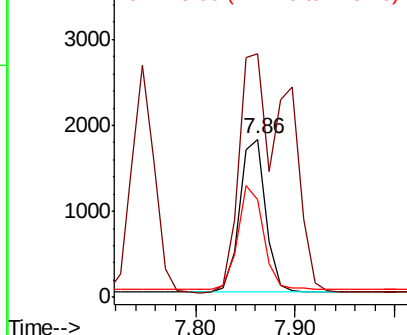
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3235
Ion Ratio Lower Upper
152 100
150 154.1 116.9 175.3
115 62.0 50.2 75.4



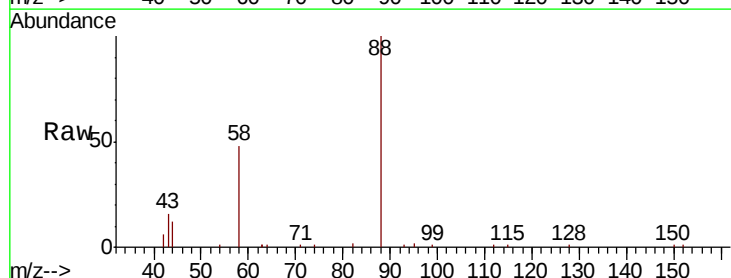
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



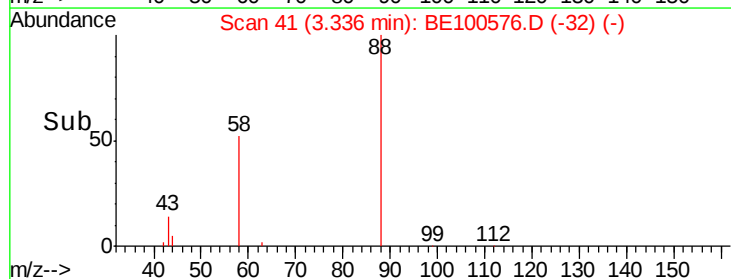
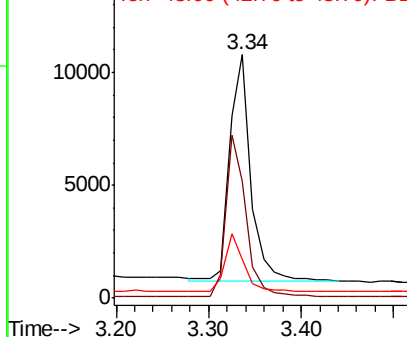
#2

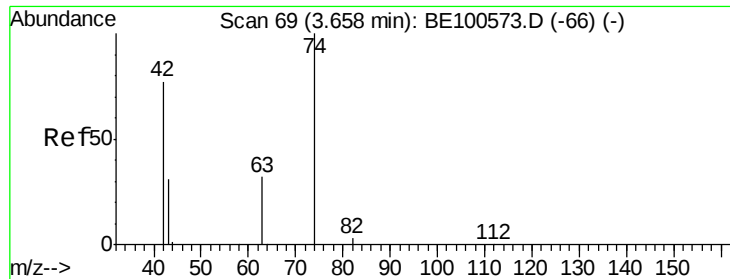
1,4-Dioxane
Concen: 3.379 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion: 88 Resp: 15771
Ion Ratio Lower Upper
88 100
58 68.0 46.4 69.6
43 22.9 16.7 25.1



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: 4.200 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100576.D

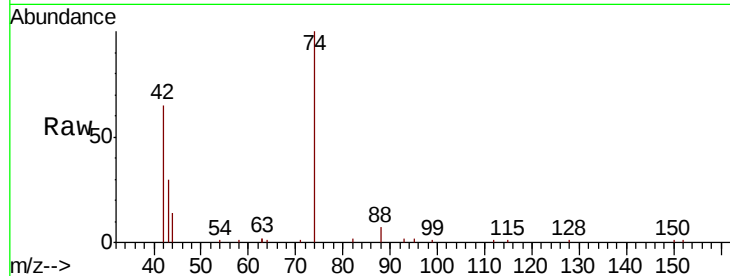
Acq: 27 Sep 2019 17:08

Instrument :

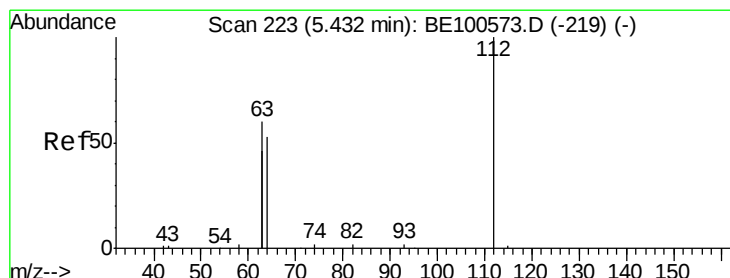
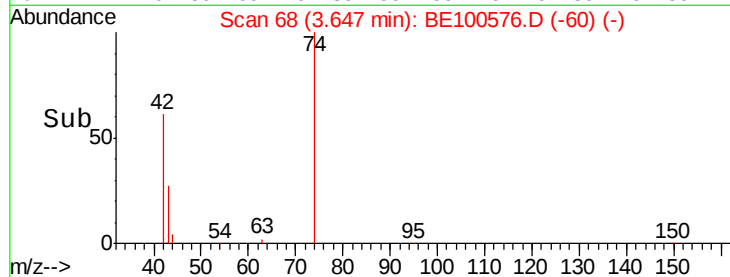
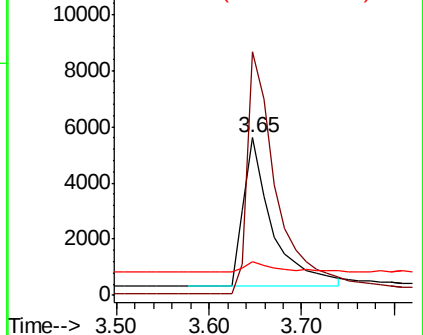
BNA_E

ClientSampled :

Tot Ion:	42	Resp:	11500
Ion	Ratio	Lower	Upper
42	100		
74	165.8	0.0	0.0#
44	8.6	0.0	0.0#



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



#4

2-Fluorophenol

Concen: 4.256 ng

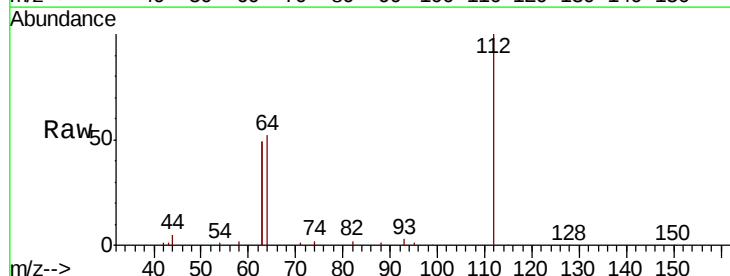
RT: 5.43 min Scan# 223

Delta R.T. 0.00 min

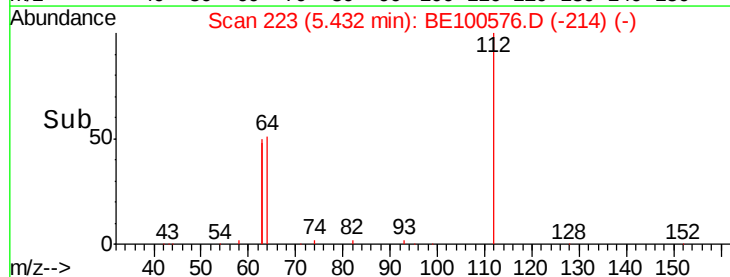
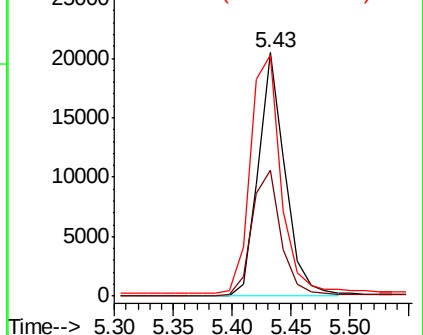
Lab File: BE100576.D

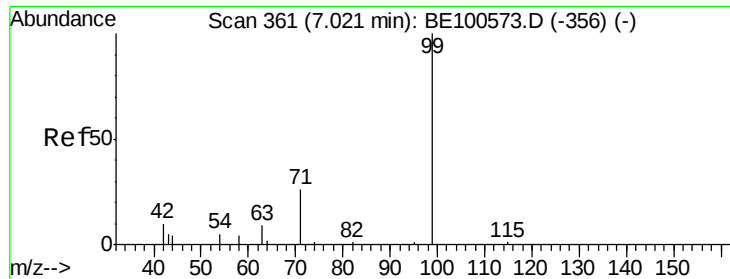
Acq: 27 Sep 2019 17:08

Tgt Ion:	112	Resp:	32235
Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.9	67.3
63	110.7	90.1	135.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 4.451 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

Instrument :

BNA_E

ClientSampleId :

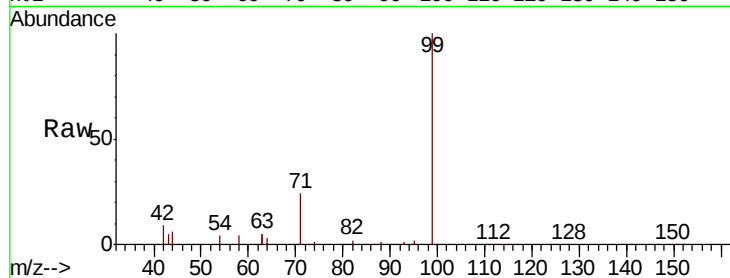
Tot Ion: 99 Resp: 46147

Ion Ratio Lower Upper

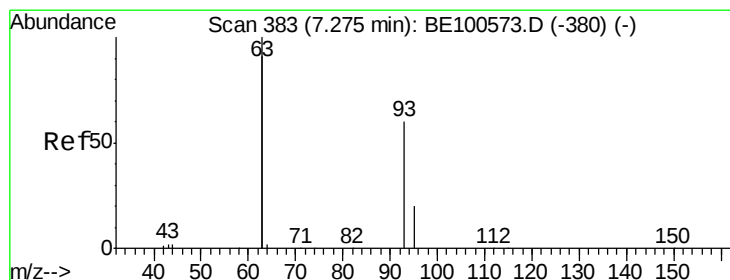
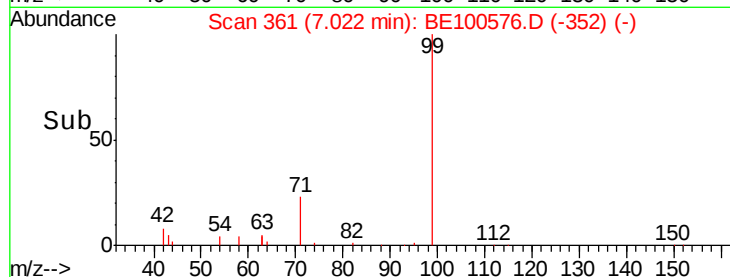
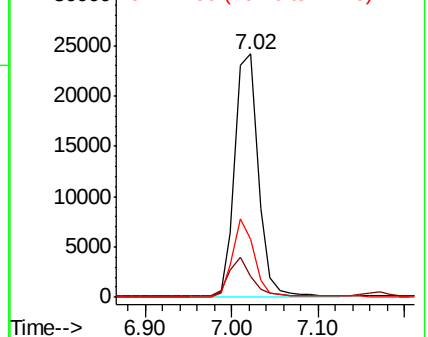
99 100

42 15.1 11.7 17.5

71 28.9 23.6 35.4



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: 3.669 ng

RT: 7.27 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

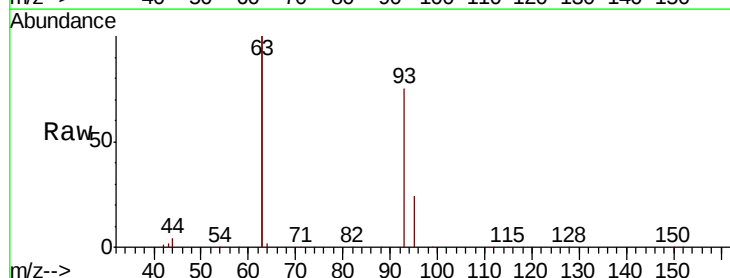
Tgt Ion: 93 Resp: 38471

Ion Ratio Lower Upper

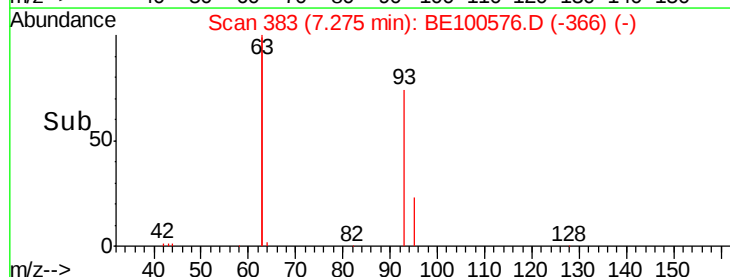
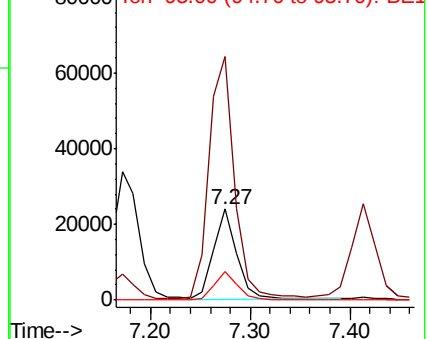
93 100

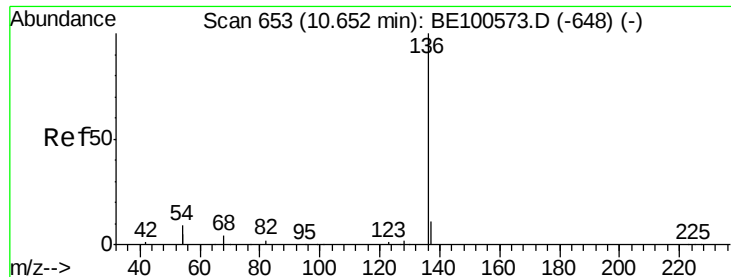
63 292.4 228.3 342.5

95 31.8 24.2 36.4



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: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 16958

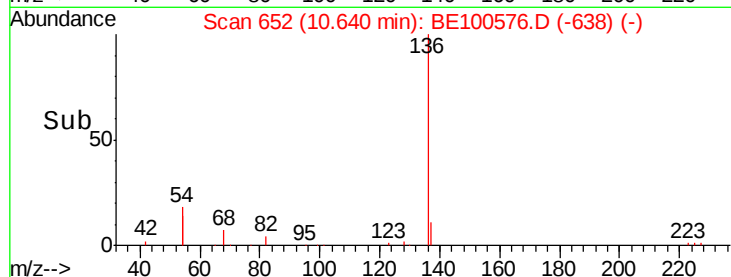
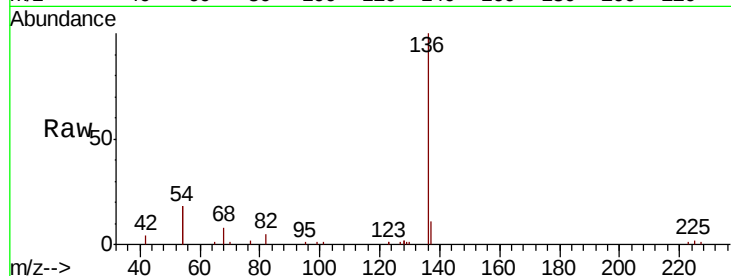
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 35.7 15.0 22.6#

68 8.1 3.7 5.5#

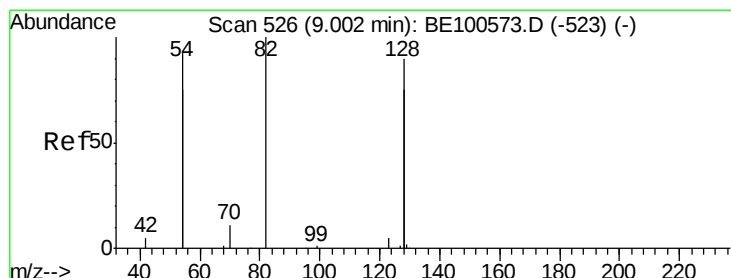
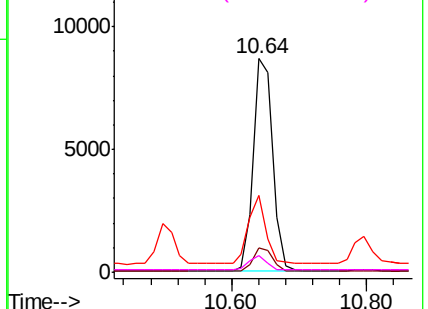


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.428 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

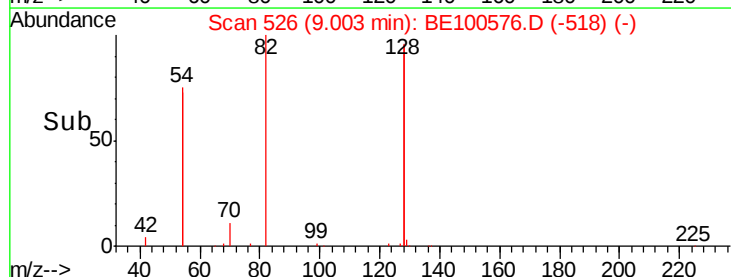
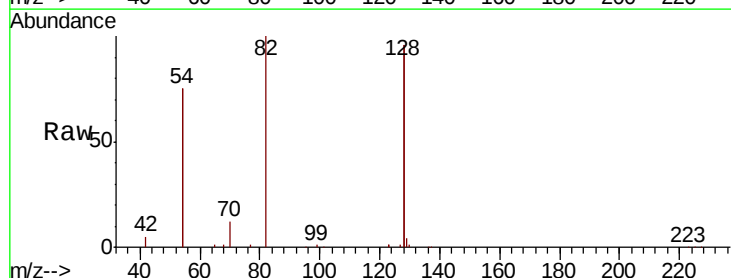
Tgt Ion: 82 Resp: 43280

Ion Ratio Lower Upper

82 100

128 191.3 137.9 206.9

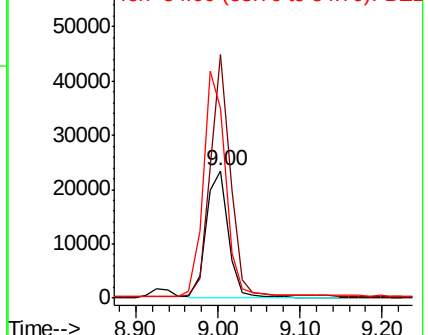
54 149.0 143.0 214.6

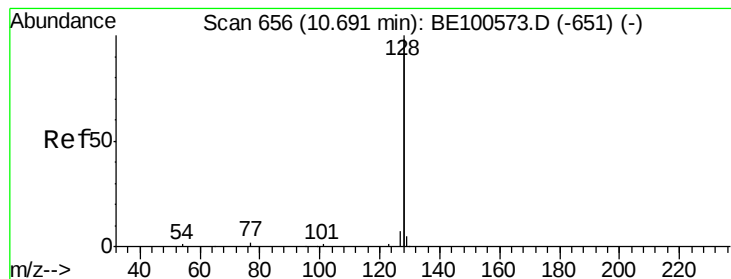


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 3.282 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

Instrument :

BNA_E

ClientSampleId :

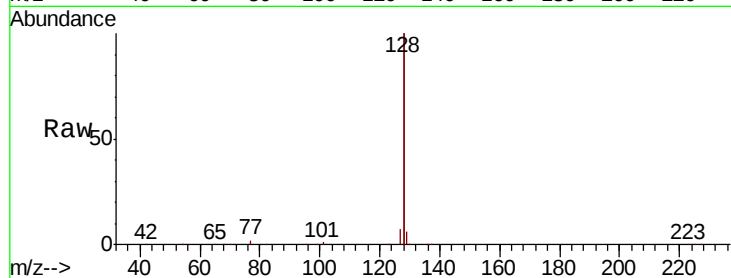
Tot Ion:128 Resp: 576977

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

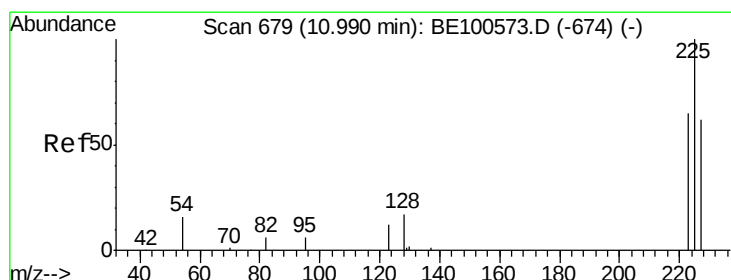
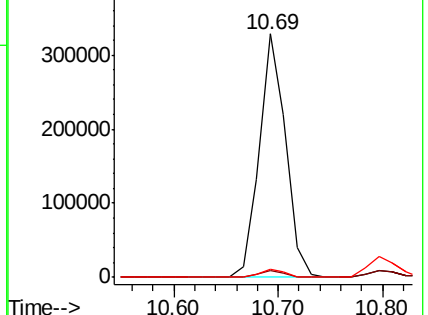
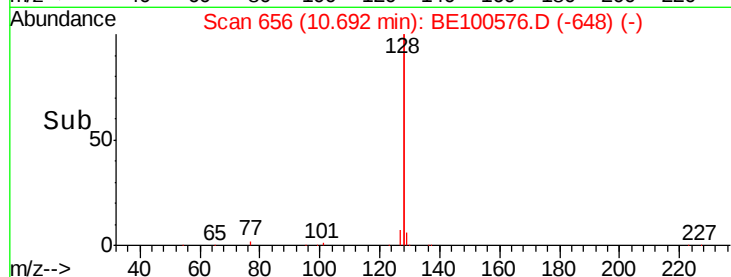
127 3.3 2.8 4.2



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: 3.060 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

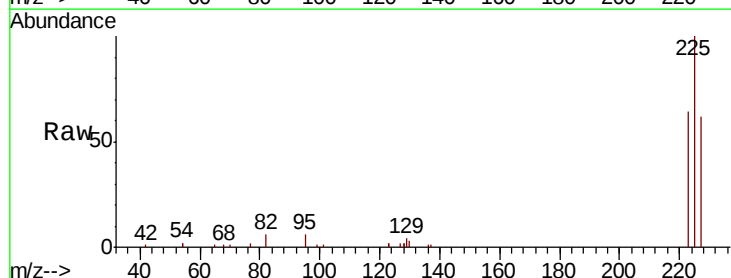
Tgt Ion:225 Resp: 17203

Ion Ratio Lower Upper

225 100

223 63.0 49.4 74.0

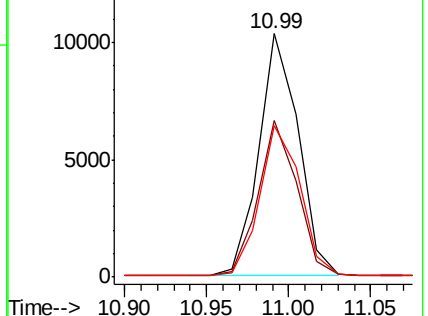
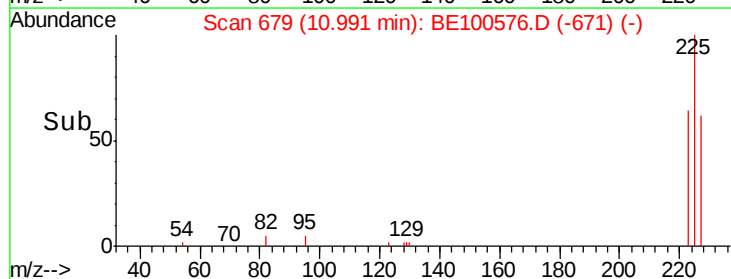
227 63.5 50.3 75.5

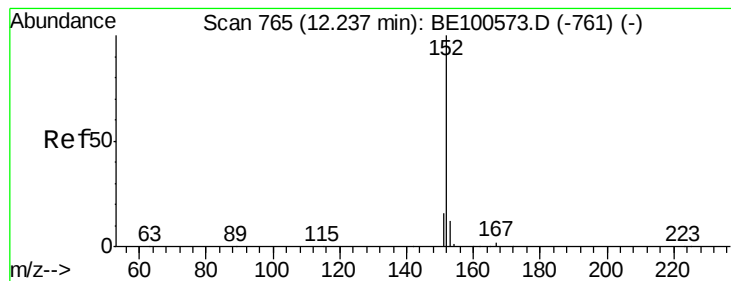


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.482 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

Instrument :

BNA_E

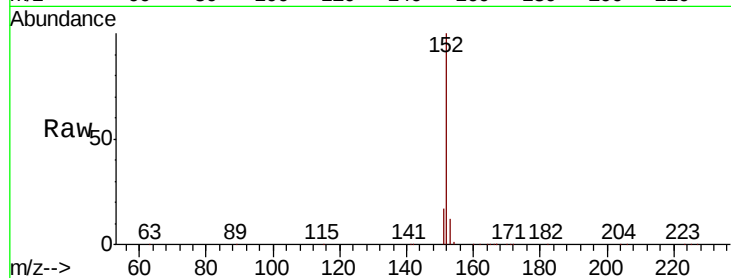
ClientSampleId :

Tot Ion:152 Resp: 88317

Ion Ratio Lower Upper

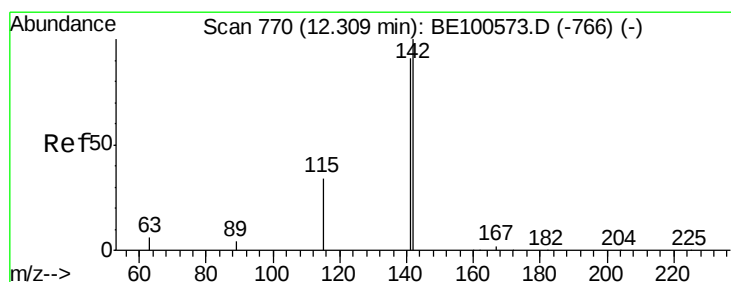
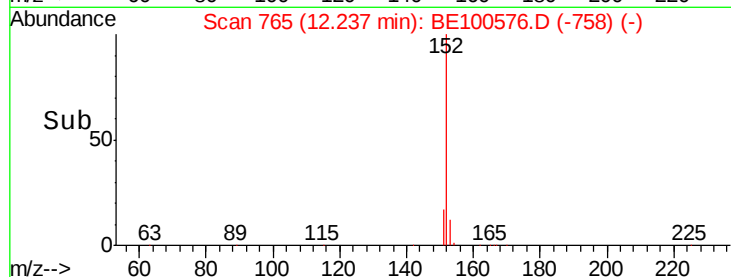
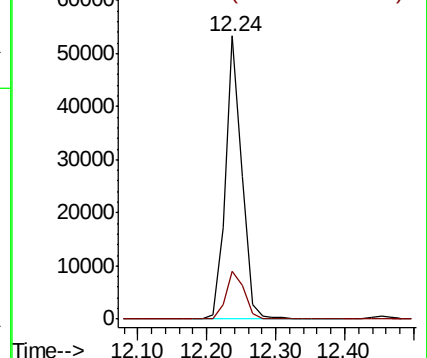
152 100

151 19.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.676 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

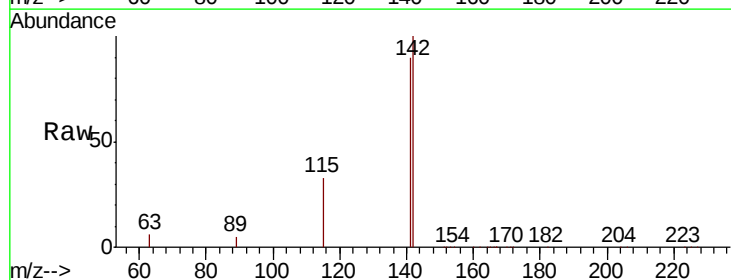
Tgt Ion:142 Resp: 102831

Ion Ratio Lower Upper

142 100

141 90.0 73.2 109.8

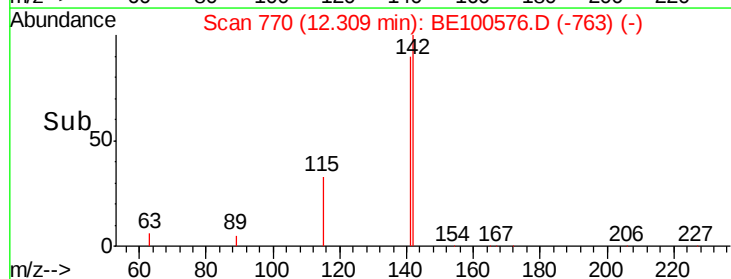
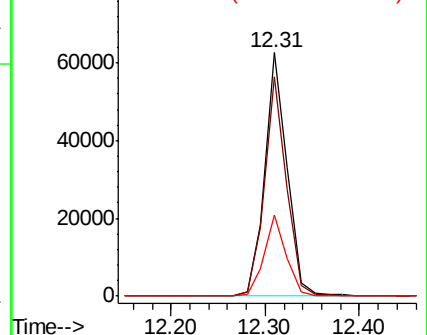
115 33.2 28.2 42.2

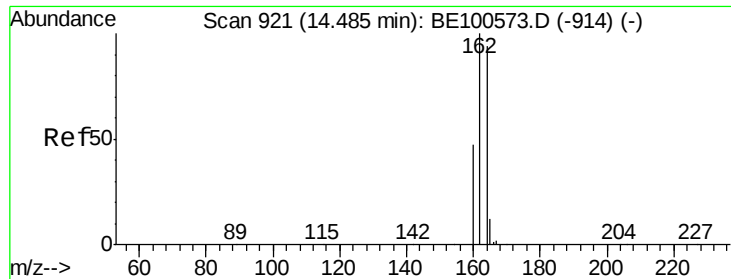


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

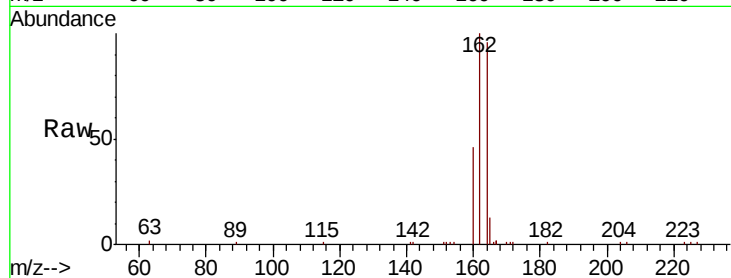




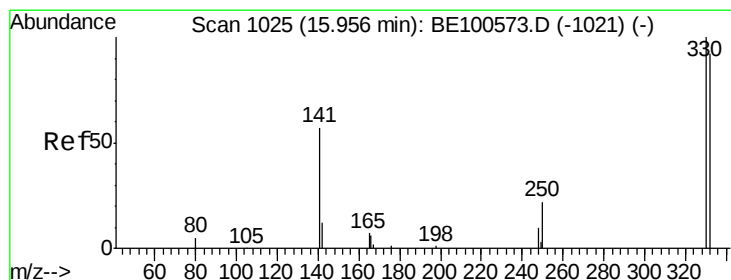
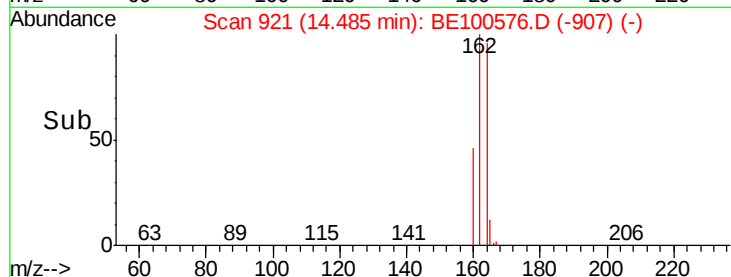
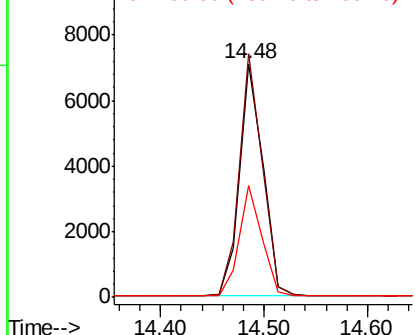
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.48 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BE100576.D
 Acq: 27 Sep 2019 17:08

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 10938
 Ion Ratio Lower Upper
 164 100
 162 104.1 85.0 127.4
 160 48.0 40.2 60.4

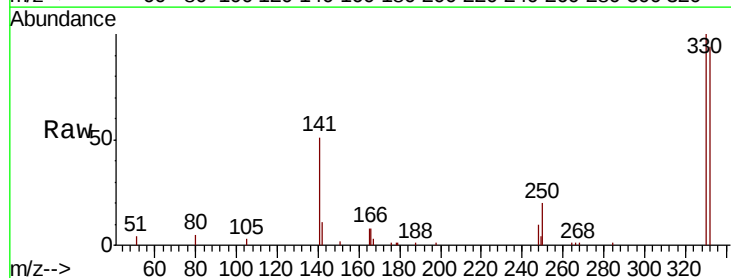


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

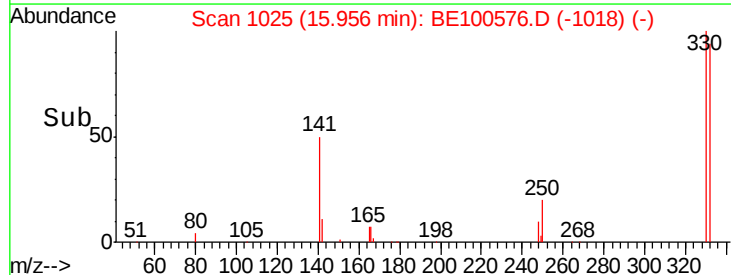
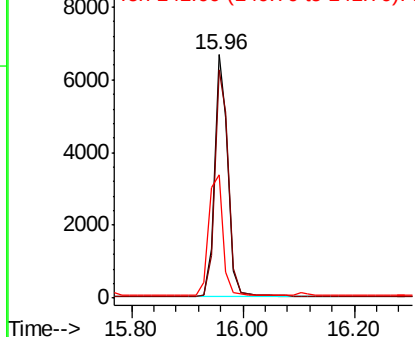


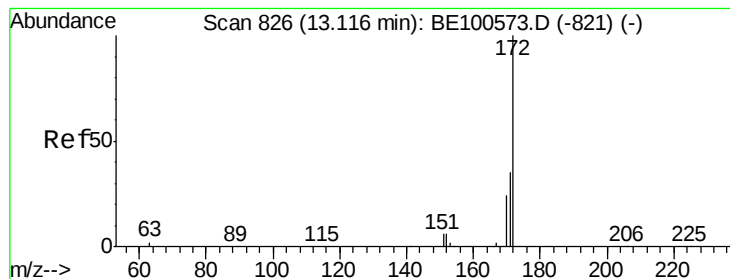
#14
 2,4,6-Tribromophenol
 Concen: 6.352 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BE100576.D
 Acq: 27 Sep 2019 17:08

Tgt Ion:330 Resp: 11237
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.1 117.1
 141 53.4 42.1 63.1



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

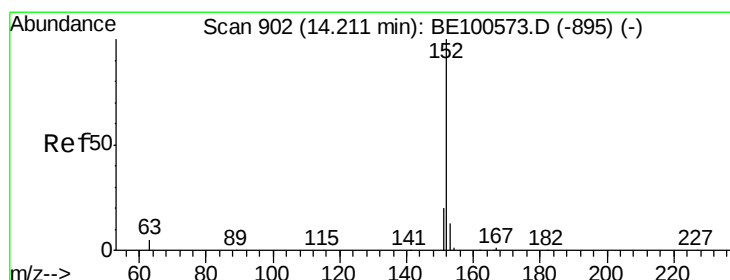
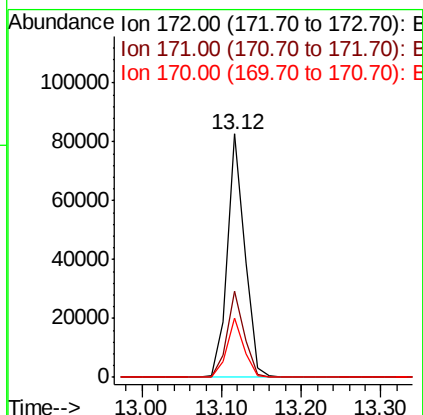
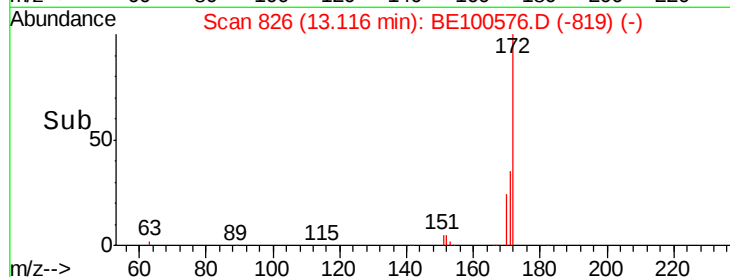
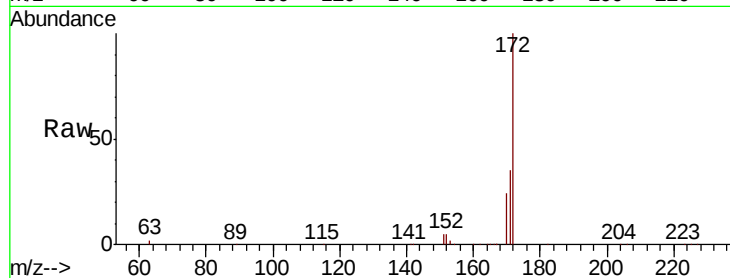




#15
2-Fluorobiphenyl
Concen: 3.196 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

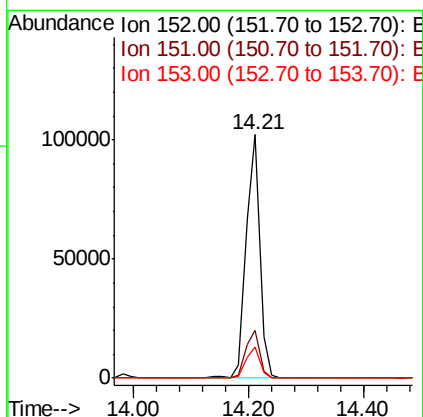
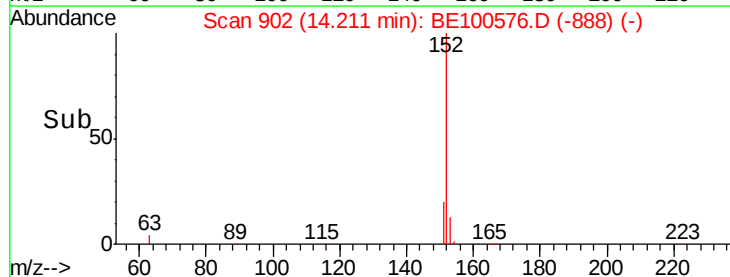
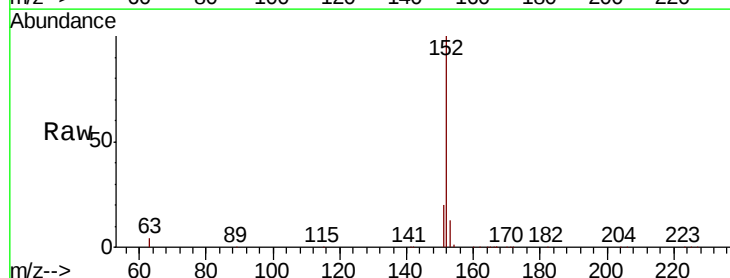
Instrument :
BNA_E
ClientSampleId :

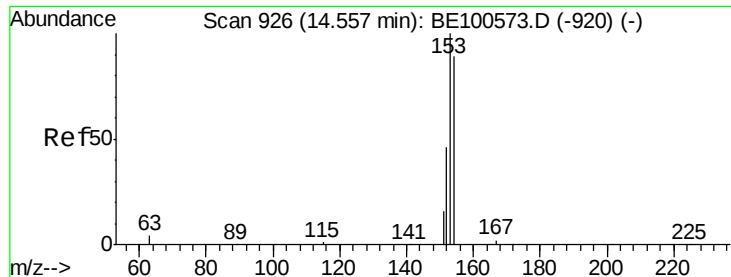
Tot Ion:172 Resp: 124772
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 24.1 19.2 28.8



#16
Acenaphthylene
Concen: 3.747 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:152 Resp: 168769
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 12.9 10.6 16.0

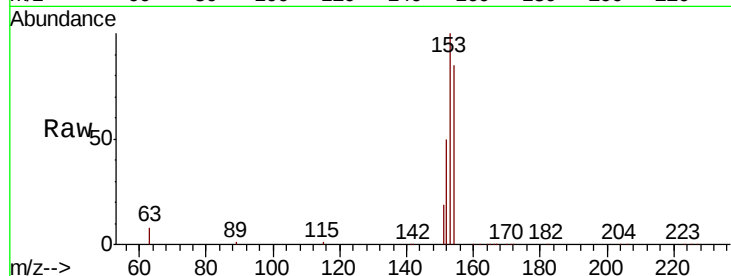




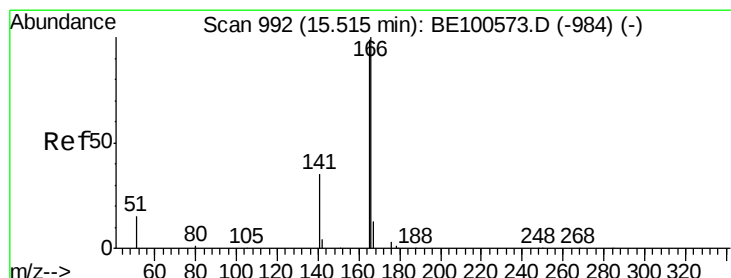
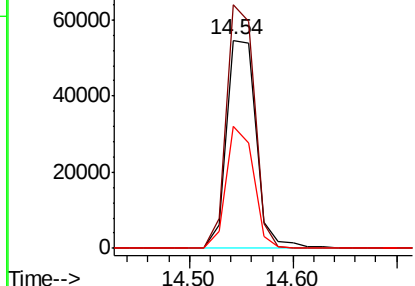
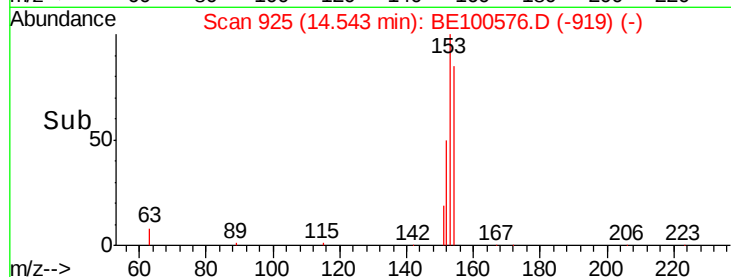
#17
Acenaphthene
Concen: 3.552 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 108049
Ion Ratio Lower Upper
154 100
153 110.6 92.7 139.1
152 54.1 45.6 68.4

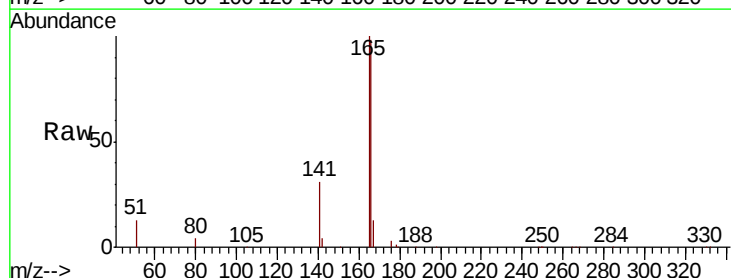


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

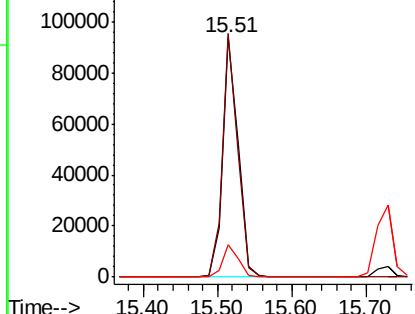
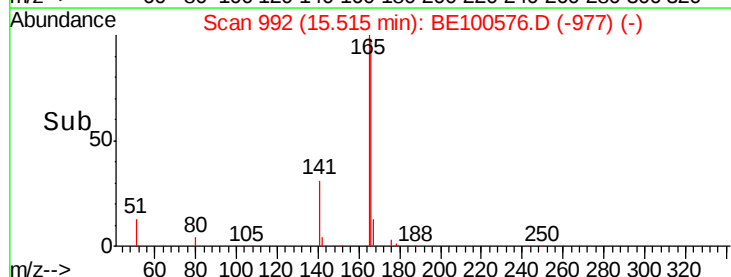


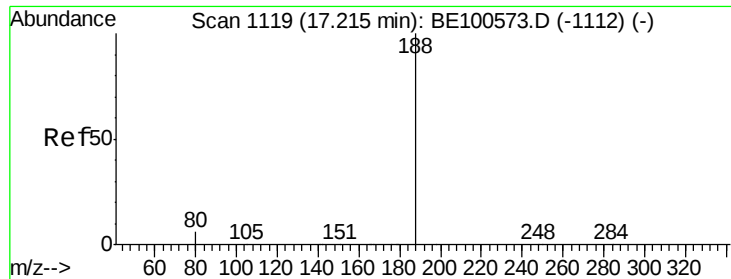
#18
Fluorene
Concen: 3.611 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:166 Resp: 137370
Ion Ratio Lower Upper
166 100
165 99.6 78.0 117.0
167 13.5 10.7 16.1



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

Instrument :

BNA_E

ClientSampleId :

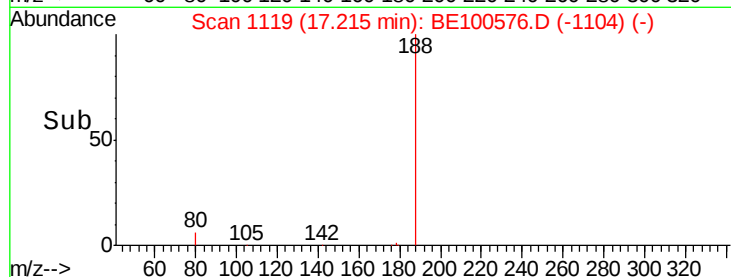
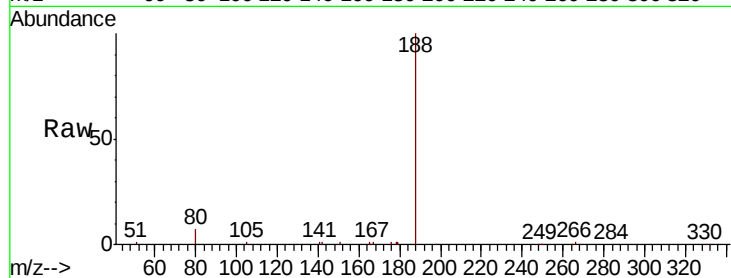
Tot Ion:188 Resp: 23916

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

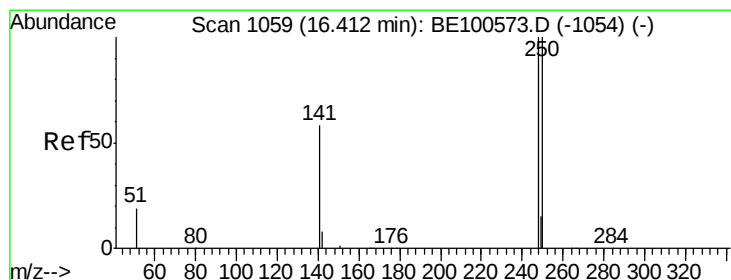
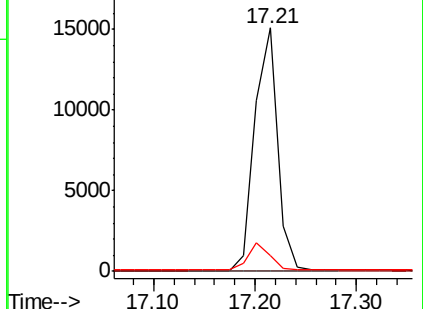
80 6.7 5.6 8.4



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: 3.548 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

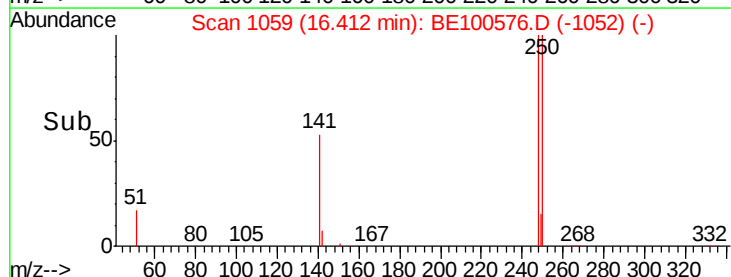
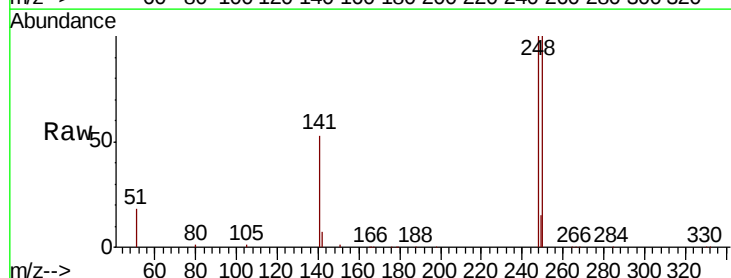
Tgt Ion:248 Resp: 39872

Ion Ratio Lower Upper

248 100

250 100.4 79.9 119.9

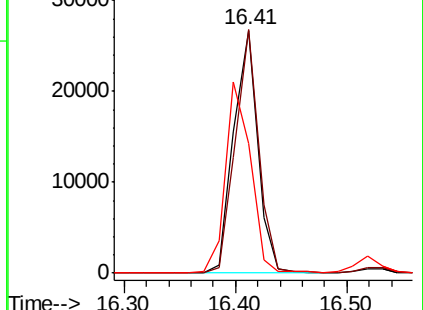
141 53.5 47.7 71.5

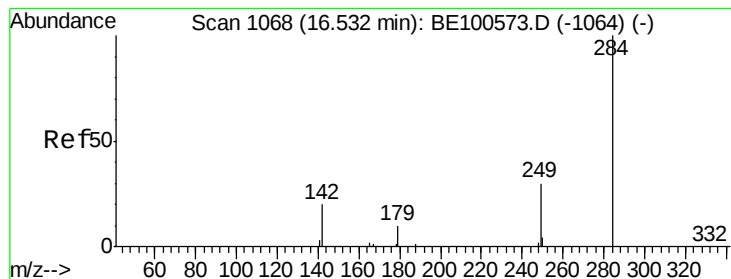


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.242 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

Instrument :

BNA_E

ClientSampleId :

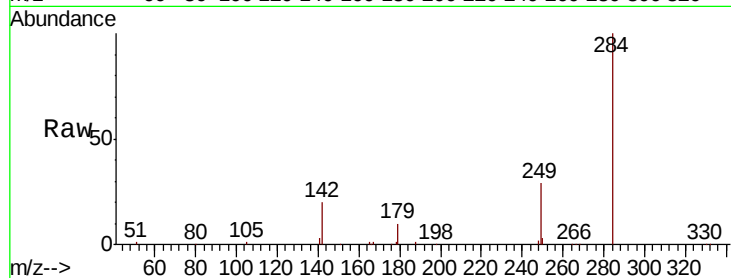
Tot Ion:284 Resp: 31742

Ion Ratio Lower Upper

284 100

142 47.1 37.0 55.4

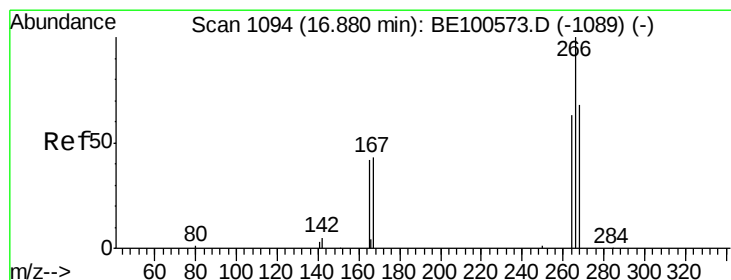
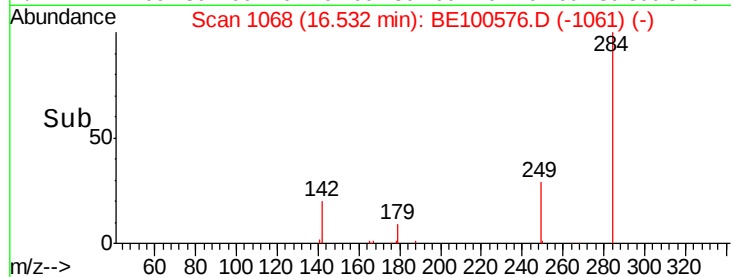
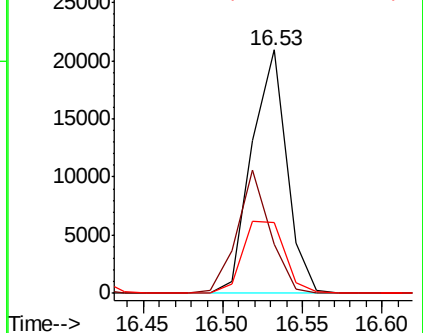
249 34.7 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 6.340 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

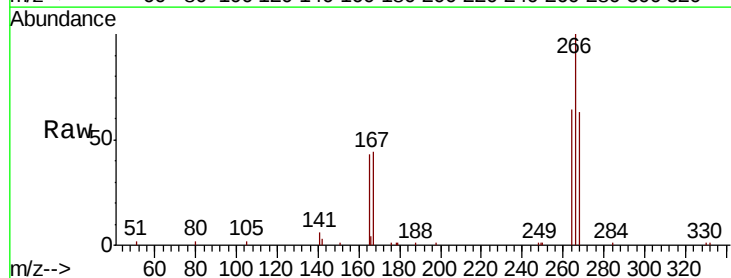
Tgt Ion:266 Resp: 14168

Ion Ratio Lower Upper

266 100

264 64.5 53.5 80.3

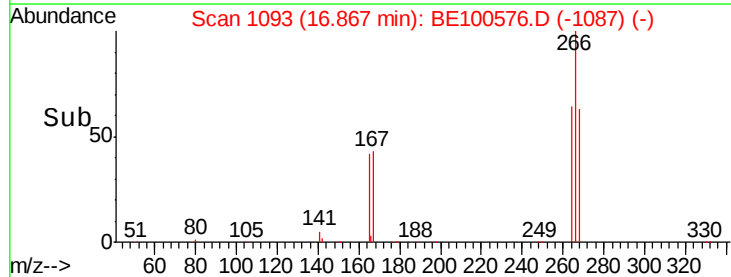
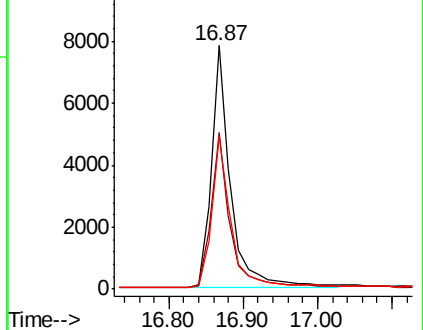
268 62.9 58.3 87.5

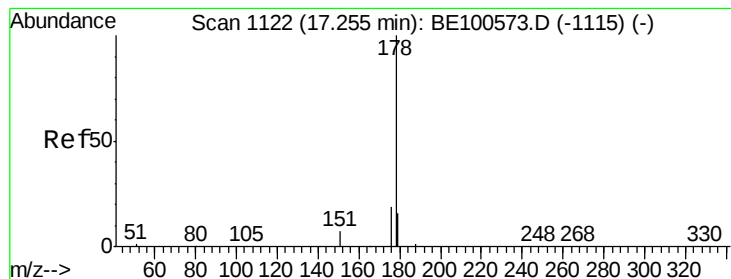


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.447 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

Instrument :

BNA_E

ClientSampleId :

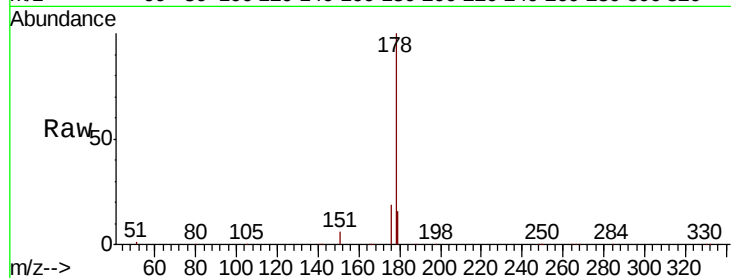
Tot Ion:178 Resp: 229721

Ion Ratio Lower Upper

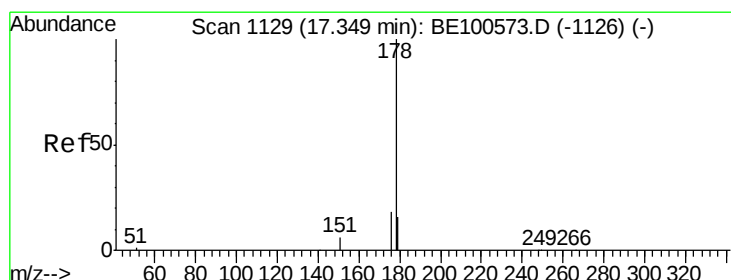
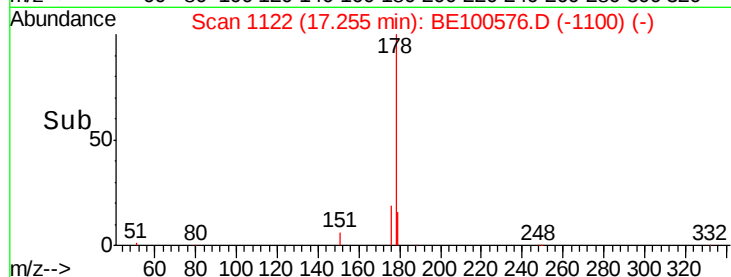
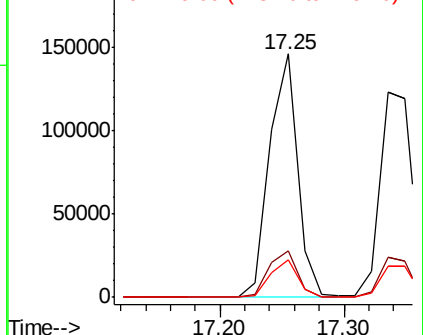
178 100

176 19.4 15.4 23.0

179 15.3 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 3.973 ng

RT: 17.34 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

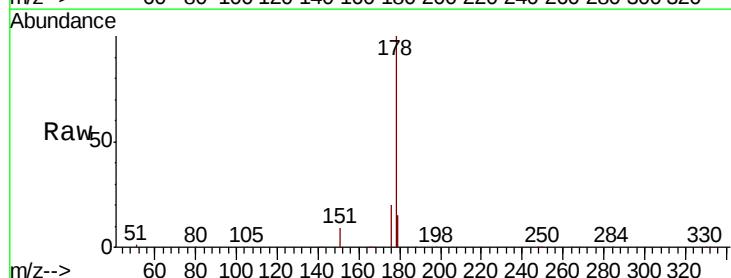
Tgt Ion:178 Resp: 222867

Ion Ratio Lower Upper

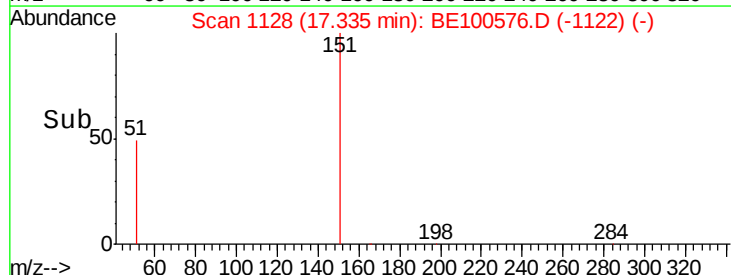
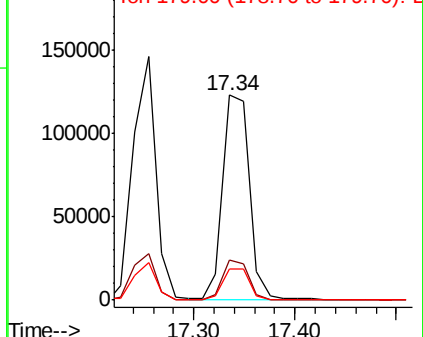
178 100

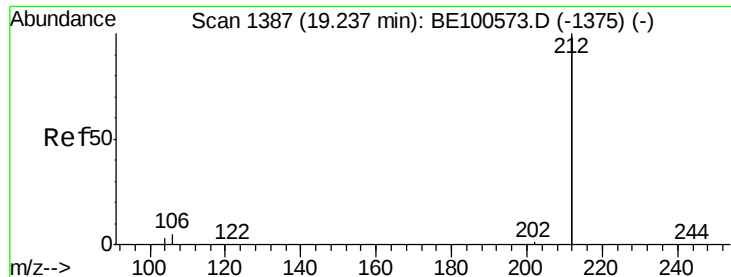
176 18.8 14.9 22.3

179 15.4 12.3 18.5



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: 3.638 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

Instrument :

BNA_E

ClientSampleId :

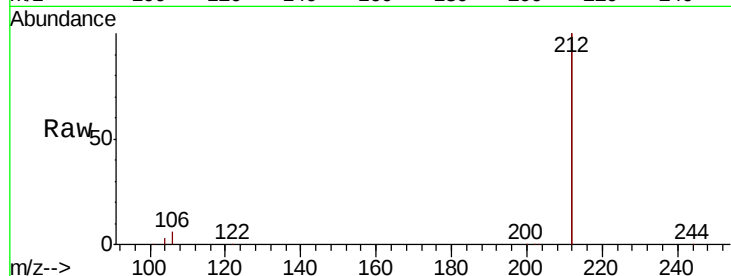
Tot Ion:212 Resp: 1034788

Ion Ratio Lower Upper

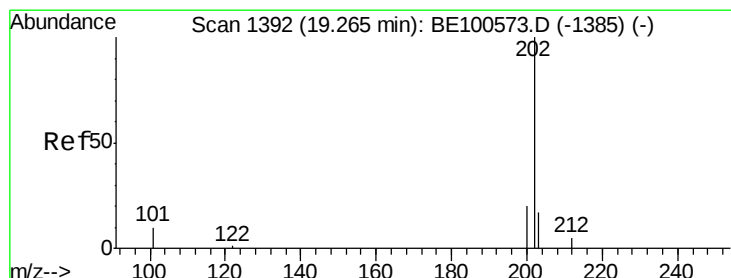
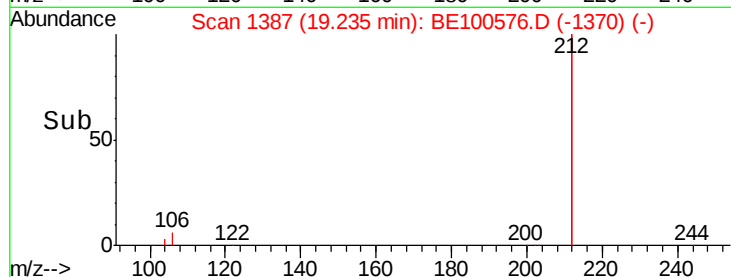
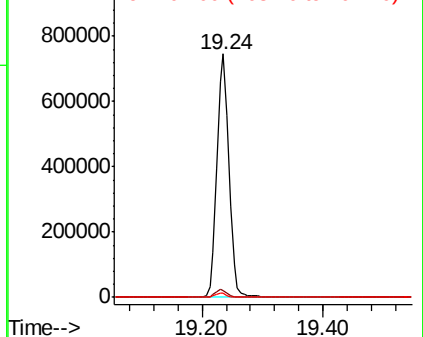
212 100

106 3.1 2.5 3.7

104 1.7 1.4 2.0



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



#26

Fluoranthene

Concen: 3.607 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

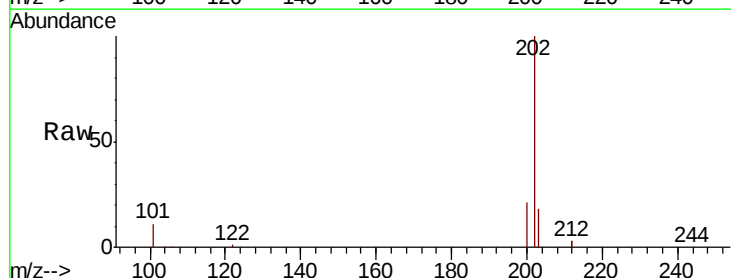
Tgt Ion:202 Resp: 289874

Ion Ratio Lower Upper

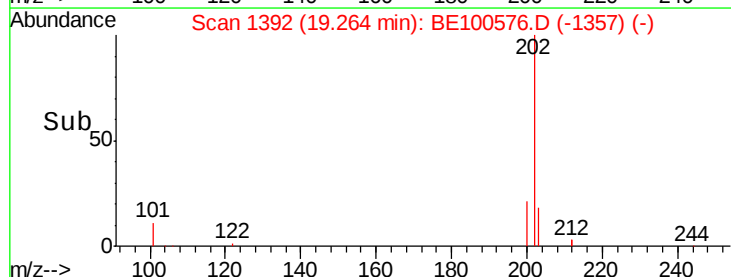
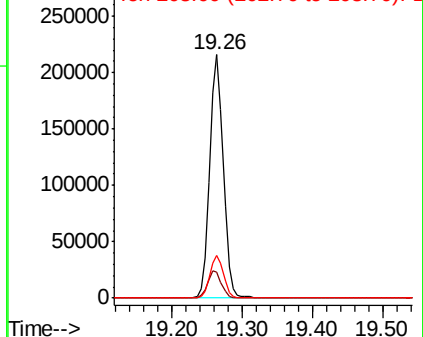
202 100

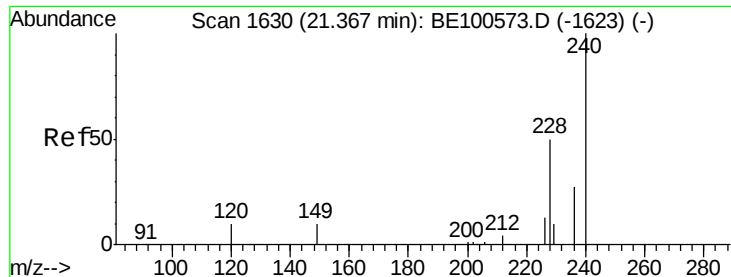
101 11.5 9.0 13.4

203 17.6 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: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

Instrument :

BNA_E

ClientSampleId :

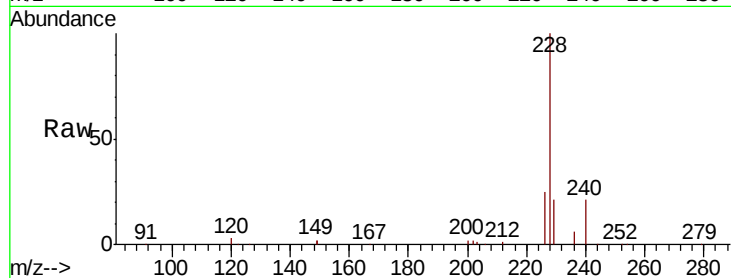
Tot Ion:240 Resp: 29893

Ion Ratio Lower Upper

240 100

120 12.4 8.7 13.1

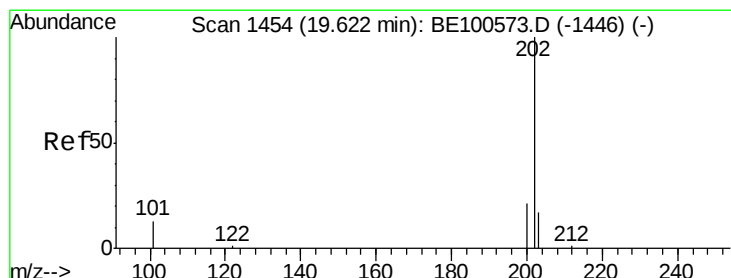
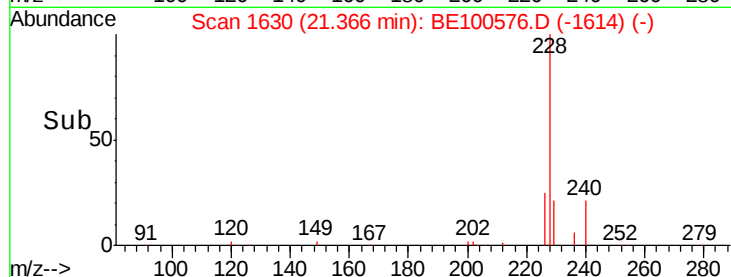
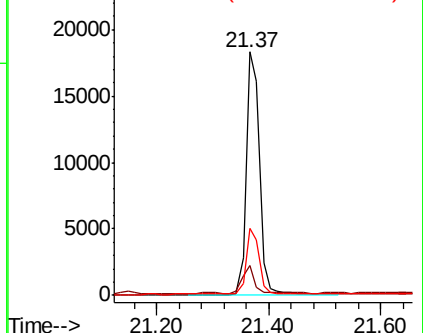
236 27.8 21.8 32.8



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: 3.406 ng

RT: 19.63 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

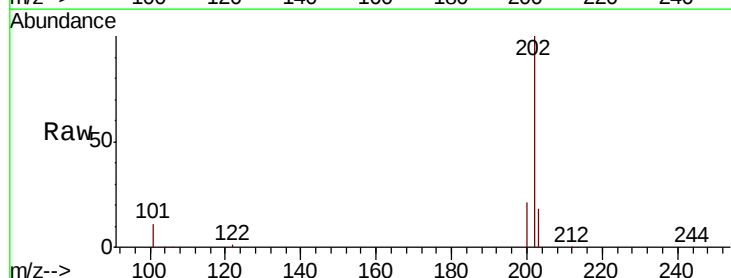
Tgt Ion:202 Resp: 292983

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

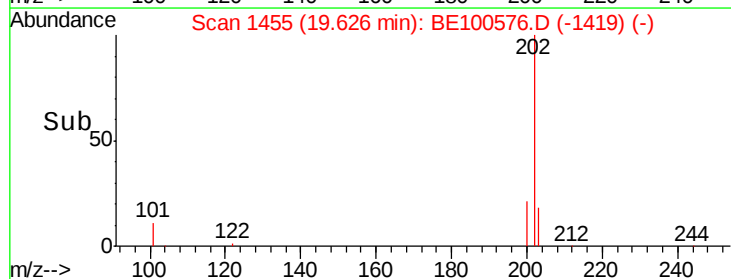
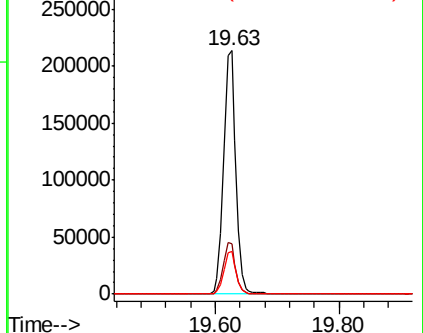
203 17.6 14.2 21.2

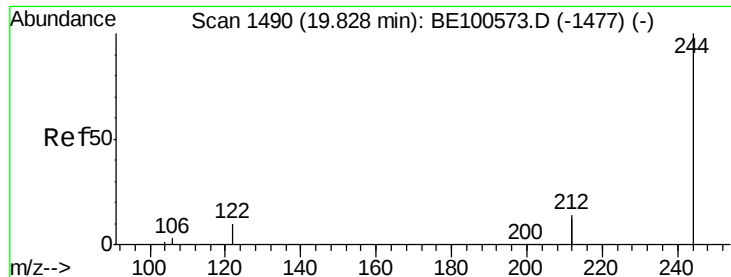


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.504 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

Instrument :

BNA_E

ClientSampleId :

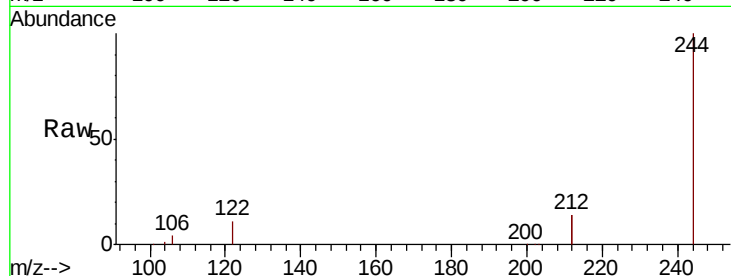
Tot Ion:244 Resp: 248100

Ion Ratio Lower Upper

244 100

212 27.6 21.8 32.8

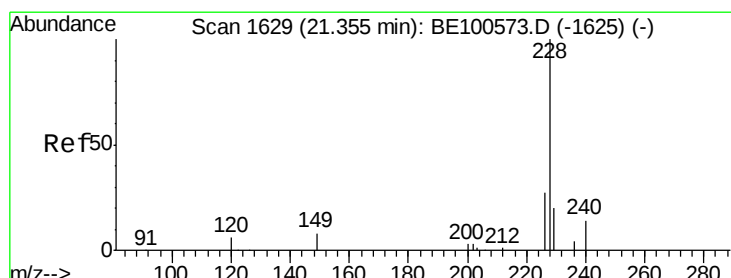
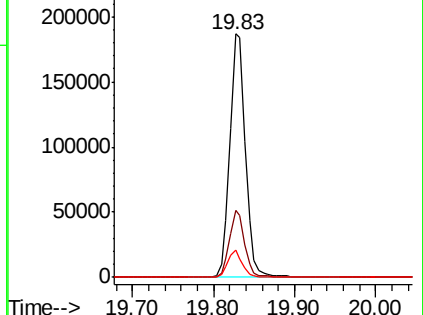
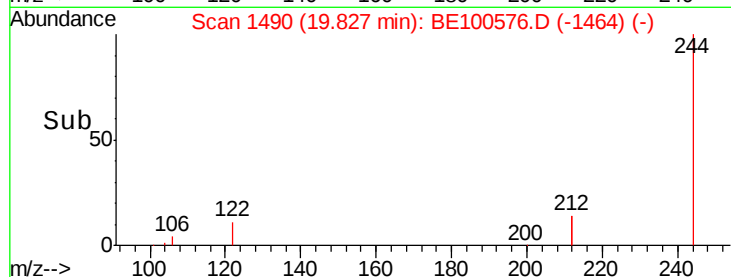
122 11.1 8.2 12.4



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: 3.710 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

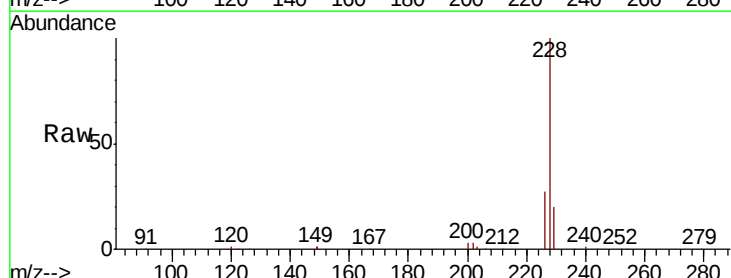
Tgt Ion:228 Resp: 296185

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

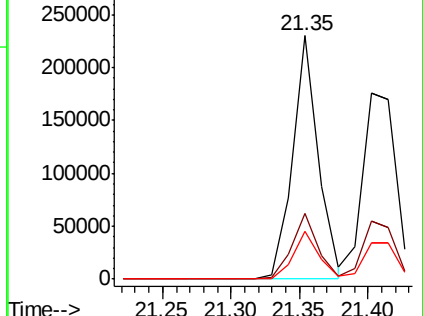
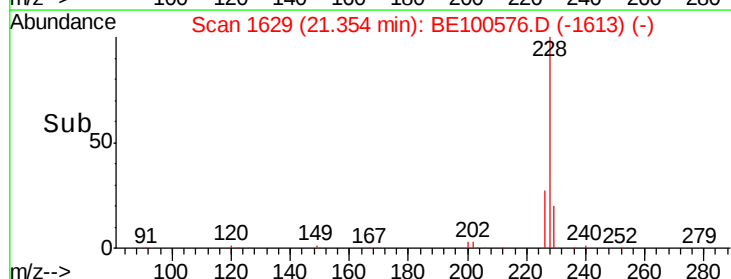
229 19.6 16.1 24.1

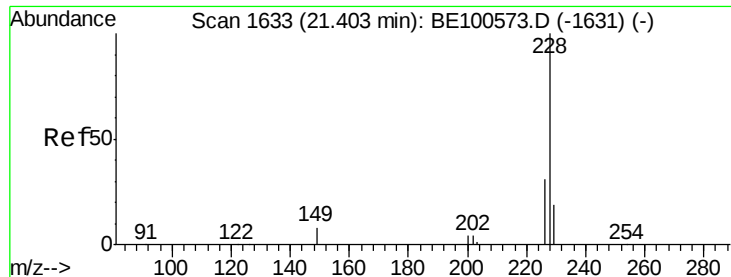


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.256 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

Instrument :

BNA_E

ClientSampleId :

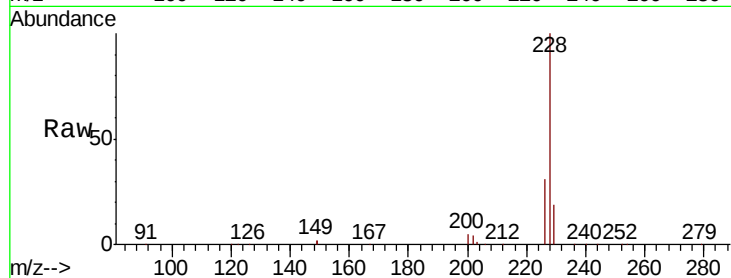
Tot Ion:228 Resp: 296179

Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

229 19.2 15.6 23.4

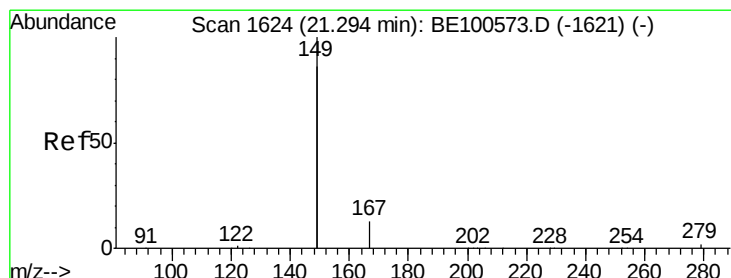
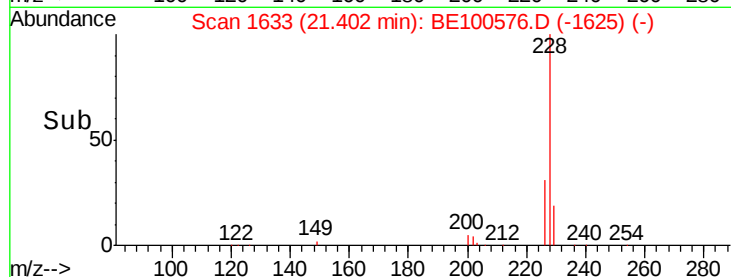
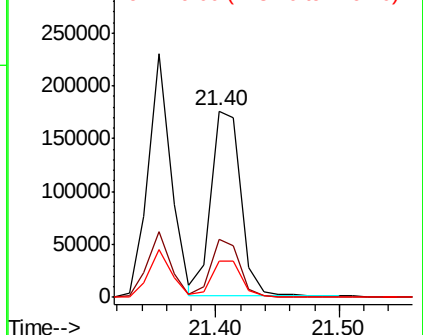


Abundance

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: 8.088 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

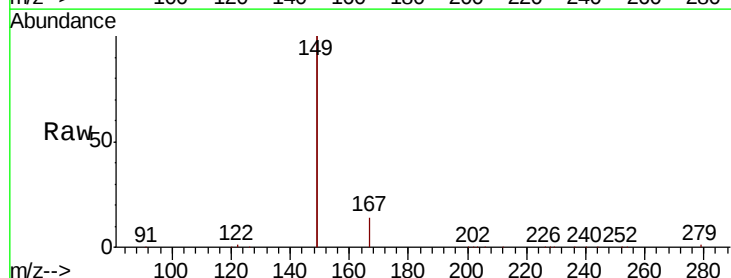
Tgt Ion:149 Resp: 696003

Ion Ratio Lower Upper

149 100

167 6.6 5.0 7.6

279 1.1 0.8 1.2

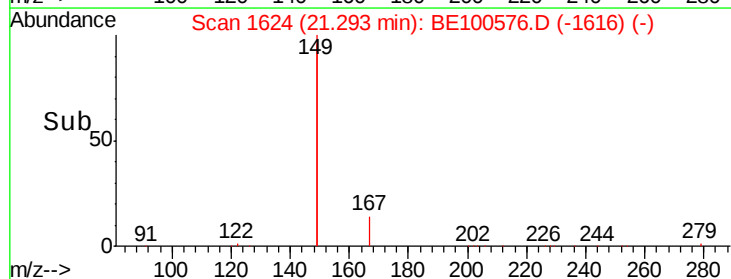
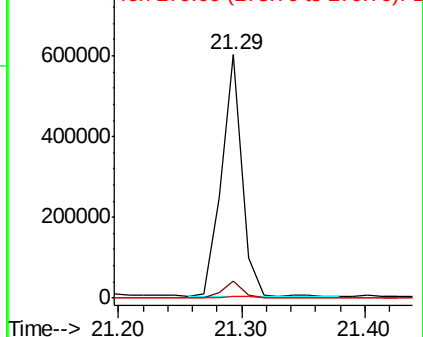


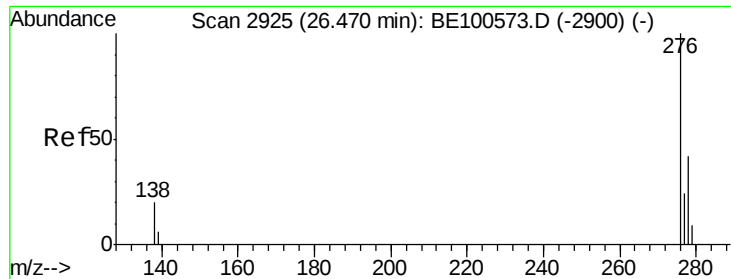
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

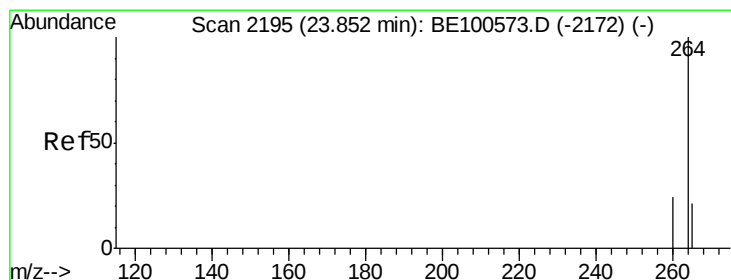
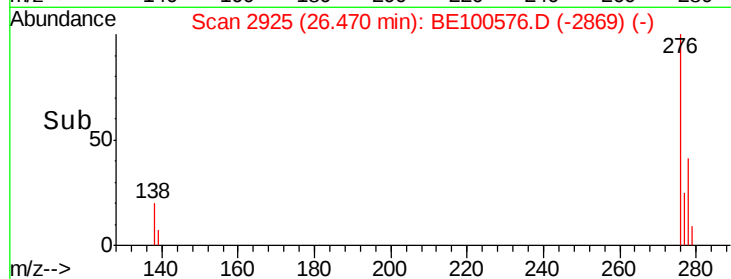
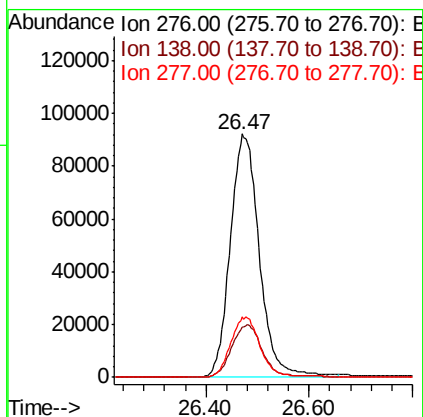
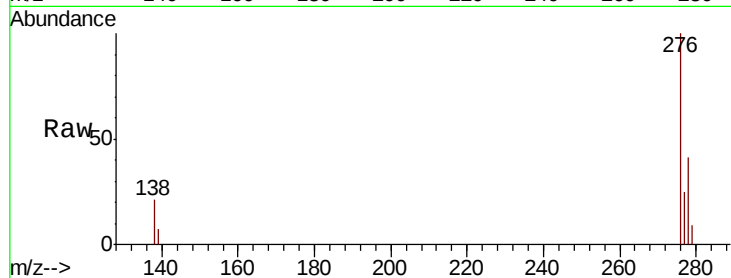




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.556 ng
 RT: 26.47 min Scan# 2925
 Delta R.T. 0.00 min
 Lab File: BE100576.D
 Acq: 27 Sep 2019 17:08

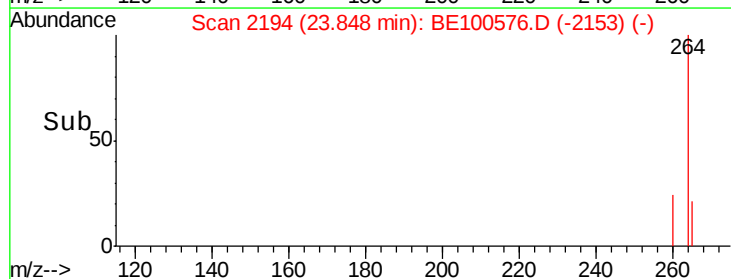
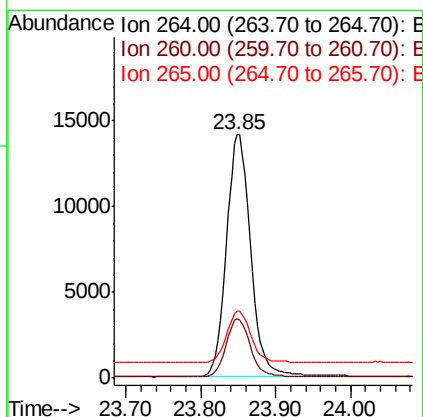
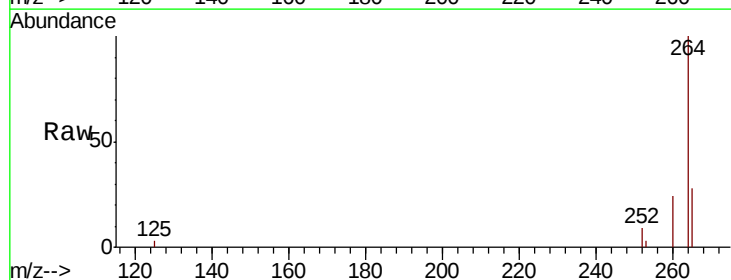
Instrument :
 BNA_E
 ClientSampleId :

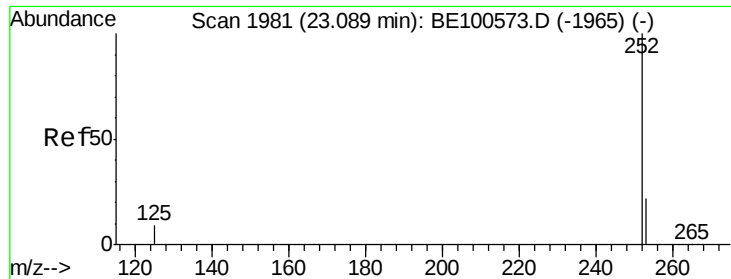
Tot Ion:276 Resp: 359677
 Ion Ratio Lower Upper
 276 100
 138 22.6 18.6 27.8
 277 25.1 19.4 29.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.85 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BE100576.D
 Acq: 27 Sep 2019 17:08

Tgt Ion:264 Resp: 31962
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.7 29.5
 265 27.7 22.2 33.4

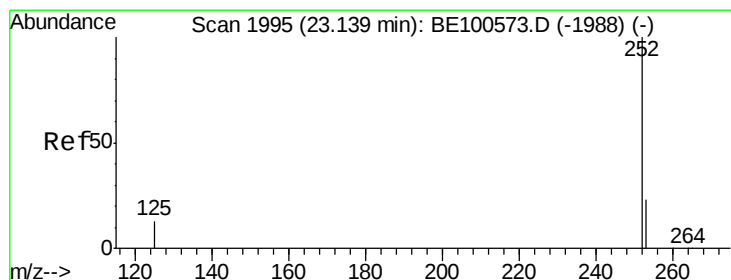
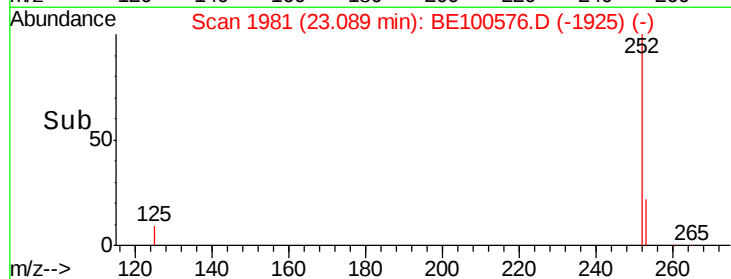
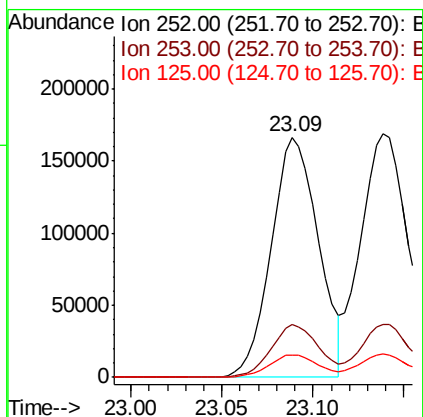
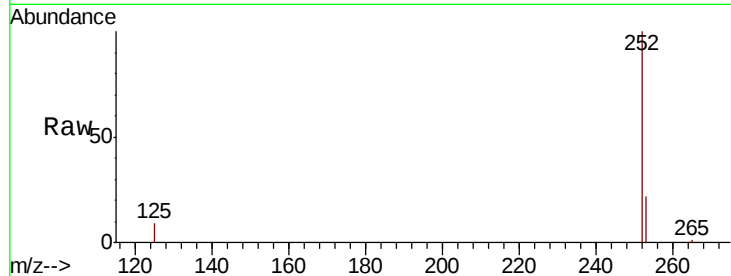




#35
Benzo(b)fluoranthene
Concen: 3.449 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

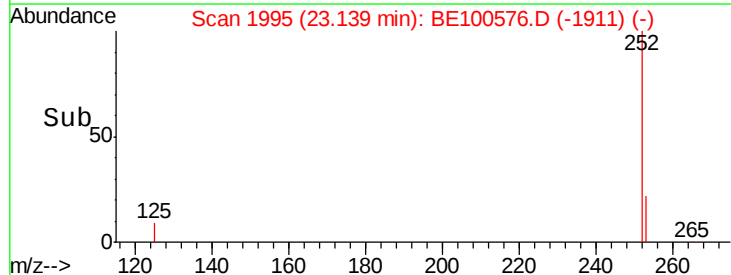
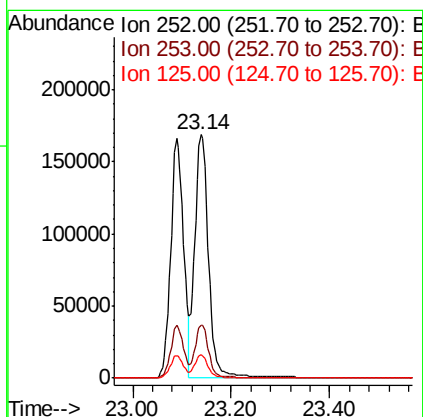
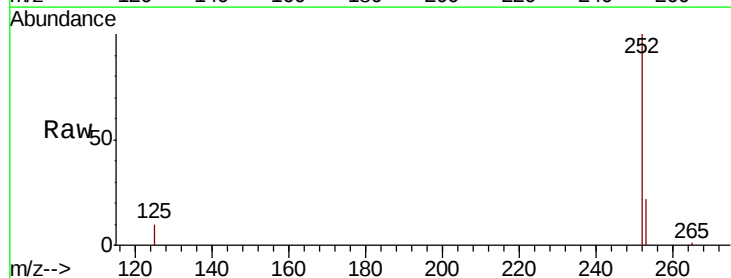
Instrument :
BNA_E
ClientSampleId :

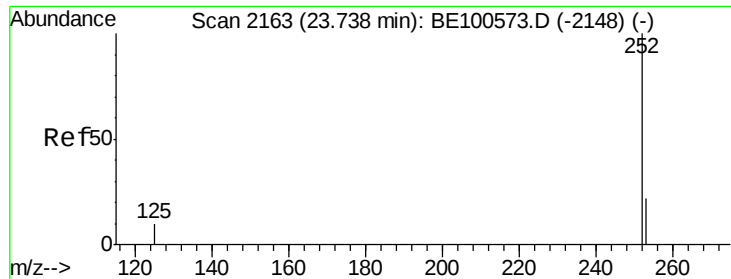
Tot Ion:252 Resp: 298295
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 9.5 8.7 13.1



#36
Benzo(k)fluoranthene
Concen: 3.254 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:252 Resp: 325646
Ion Ratio Lower Upper
252 100
253 21.9 18.6 28.0
125 9.6 11.4 17.2#





#37

Benzo(a)pyrene

Concen: 3.520 ng

RT: 23.74 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

Instrument :

BNA_E

ClientSampleId :

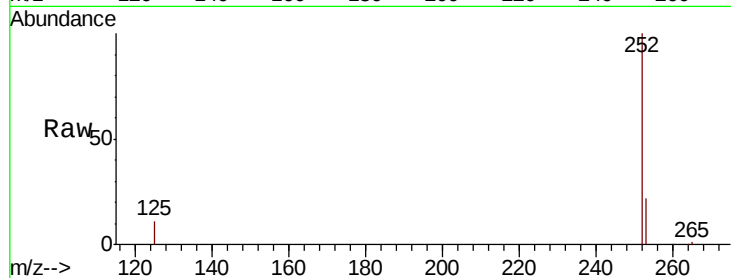
Tot Ion:252 Resp: 284012

Ion Ratio Lower Upper

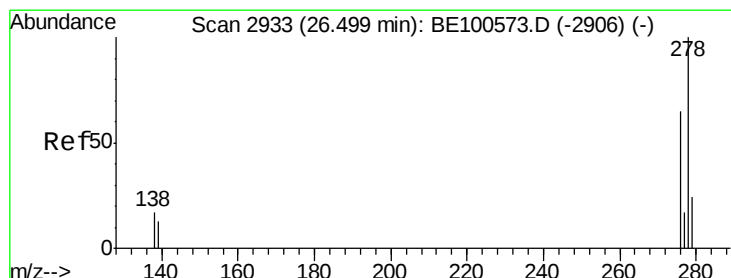
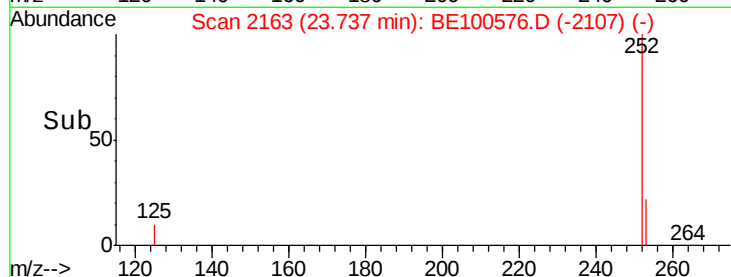
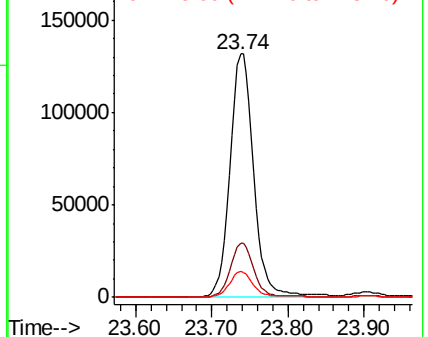
252 100

253 22.0 18.2 27.4

125 10.5 9.8 14.6



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



#38

Dibenzo(a,h)anthracene

Concen: 3.578 ng

RT: 26.50 min Scan# 2932

Delta R.T. -0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

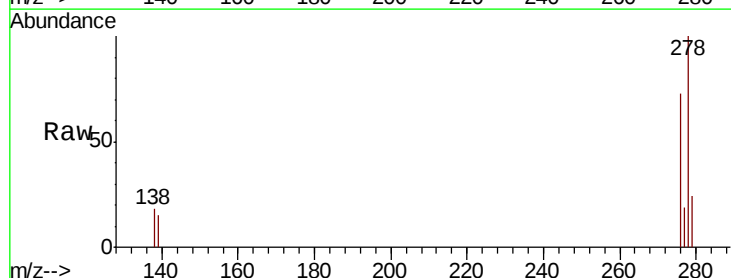
Tgt Ion:278 Resp: 300647

Ion Ratio Lower Upper

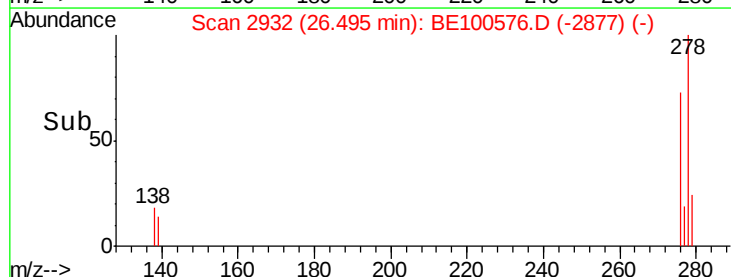
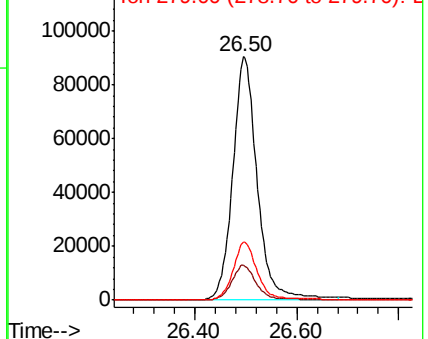
278 100

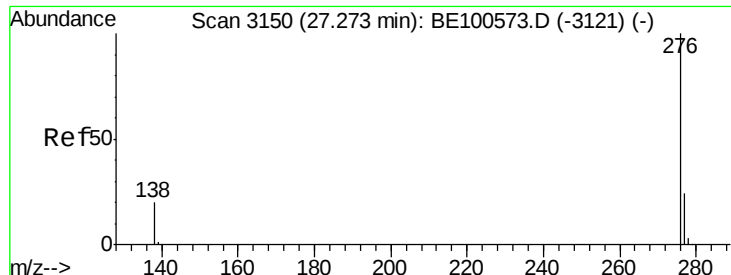
139 14.5 11.7 17.5

279 23.9 19.9 29.9



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: 3.341 ng

RT: 27.28 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BE100576.D

Acq: 27 Sep 2019 17:08

Instrument :

BNA_E

ClientSampleId :

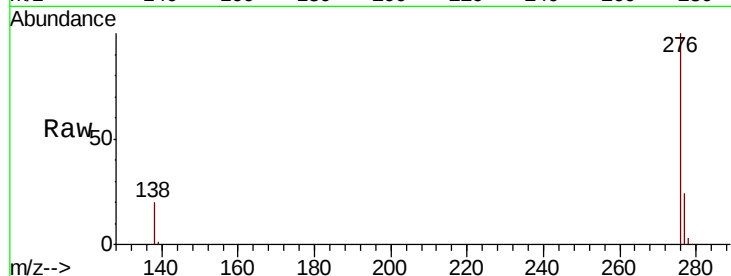
Tot Ion: 276 Resp: 293231

Ion Ratio Lower Upper

276 100

277 24.2 19.7 29.5

138 19.6 17.0 25.4



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

