

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
 Data File : BE100575.D
 Acq On : 27 Sep 2019 16:29
 Operator : JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 27 18:04:03 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	3264	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	16722	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	10618	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	24397	0.40	ng	0.00
27) Chrysene-d12	21.37	240	29224	0.40	ng	0.00
34) Perylene-d12	23.85	264	32813	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	15952	2.09	ng	0.00
5) Phenol-d6	7.02	99	22270	2.13	ng	0.00
8) Nitrobenzene-d5	9.00	82	20292	2.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	43353	1.73	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	5168	3.01	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	61019	1.61	ng	0.00
25) Fluoranthene-d10	19.24	212	523722	1.80	ng	0.00
29) Terphenyl-d14	19.83	244	124052	1.79	ng	0.00

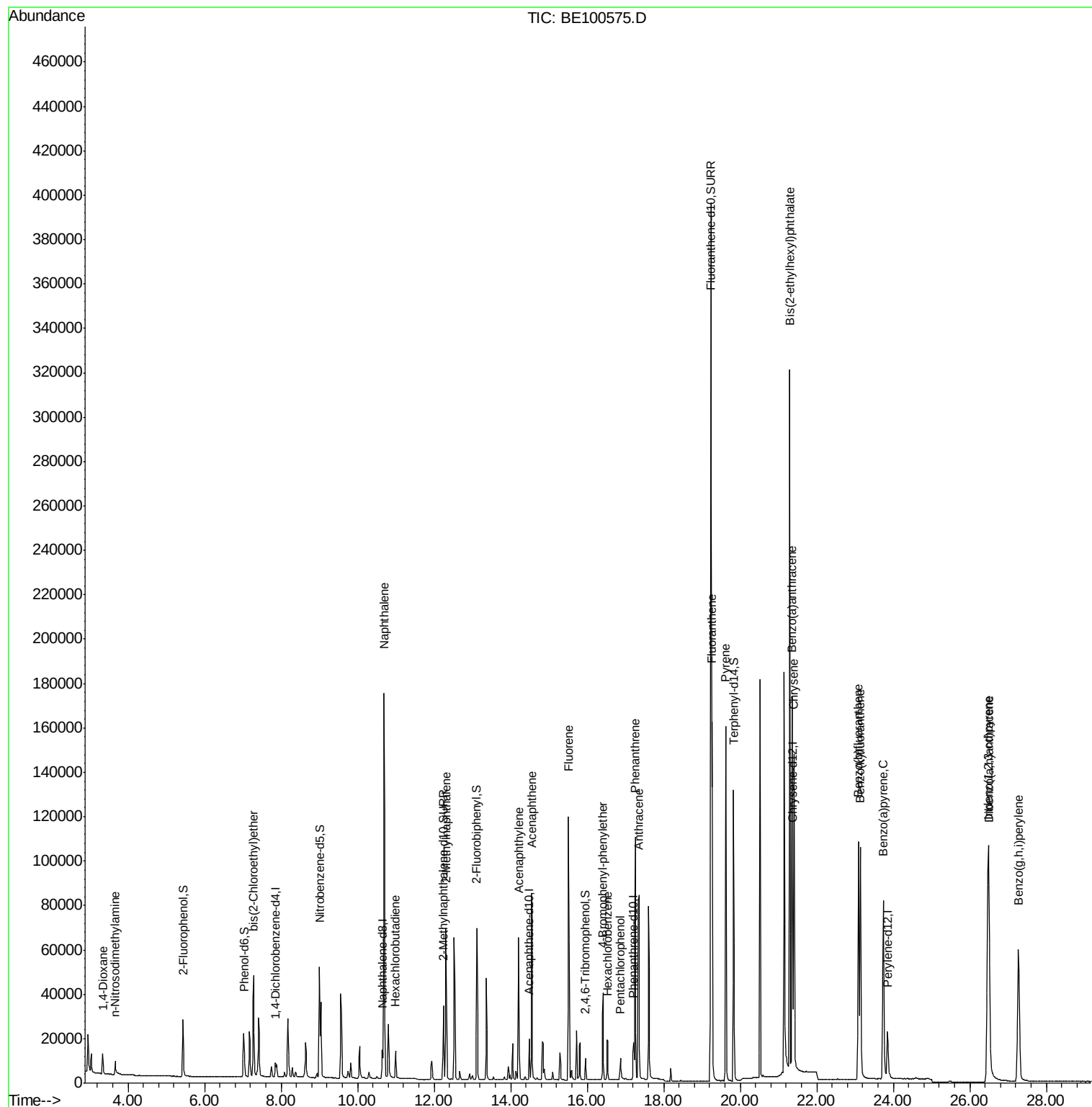
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	8318	1.766	ng	92
3) n-Nitrosodimethylamine	3.65	42	5453	1.974	ng	# 100
6) bis(2-Chloroethyl)ether	7.28	93	18631	1.761	ng	95
9) Naphthalene	10.69	128	284687	1.642	ng	100
10) Hexachlorobutadiene	10.99	225	8577	1.547	ng	98
12) 2-Methylnaphthalene	12.31	142	49455	1.793	ng	98
16) Acenaphthylene	14.21	152	80606	1.844	ng	100
17) Acenaphthene	14.54	154	51194	1.734	ng	98
18) Fluorene	15.51	166	66408	1.798	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	19157	1.671	ng	95
21) Hexachlorobenzene	16.53	284	15447	1.546	ng	97
22) Pentachlorophenol	16.87	266	6018	2.640	ng	91
23) Phenanthrene	17.25	178	114664	1.687	ng	100
24) Anthracene	17.35	178	106677	1.864	ng	100
26) Fluoranthene	19.27	202	146473	1.787	ng	99
28) Pyrene	19.62	202	149156	1.774	ng	100
30) Benzo(a)anthracene	21.35	228	141831	1.817	ng	99
31) Chrysene	21.40	228	146071	1.642	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	344467	4.095	ng	99
33) Indeno(1,2,3-cd)pyrene	26.47	276	178345	1.804	ng	98
35) Benzo(b)fluoranthene	23.09	252	148521	1.673	ng	98
36) Benzo(k)fluoranthene	23.14	252	162149	1.578	ng	# 94
37) Benzo(a)pyrene	23.74	252	141821	1.712	ng	98
38) Dibenzo(a,h)anthracene	26.50	278	148556	1.722	ng	98
39) Benzo(g,h,i)perylene	27.27	276	146599	1.627	ng	98

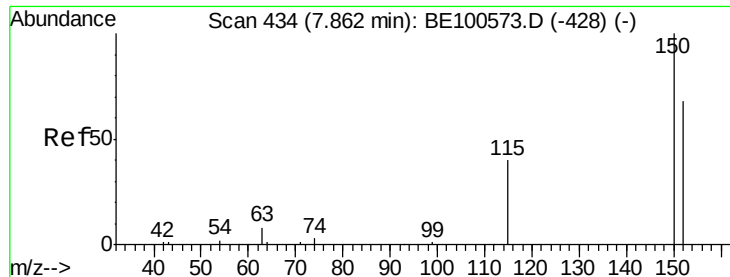
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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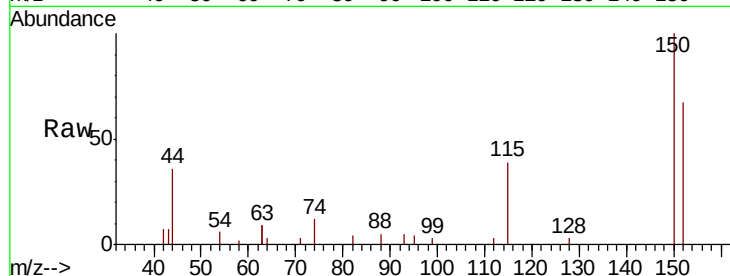


#1

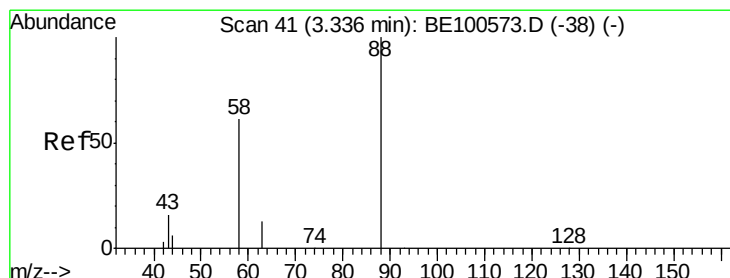
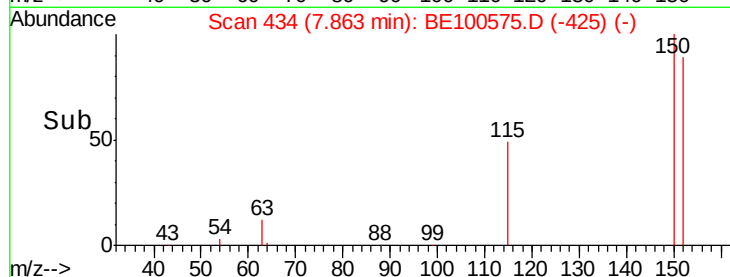
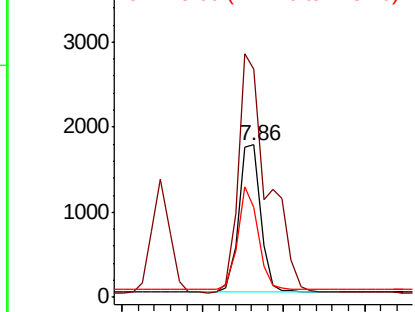
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3264
Ion Ratio Lower Upper
152 100
150 150.3 116.9 175.3
115 58.9 50.2 75.4



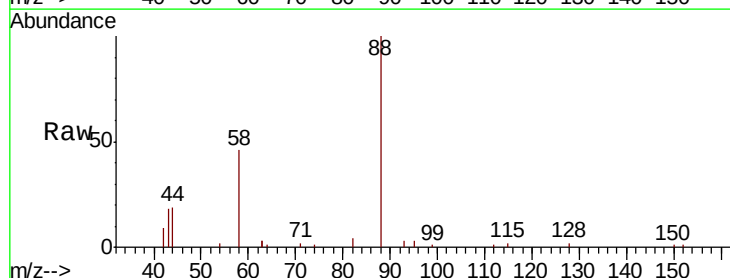
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



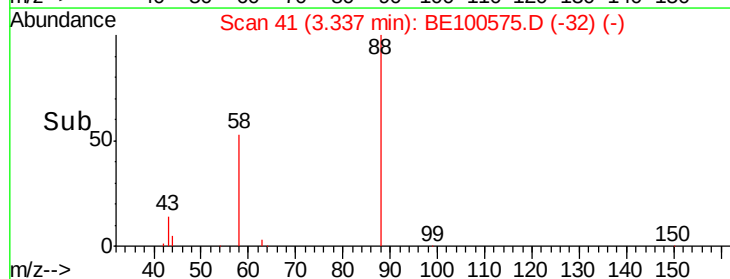
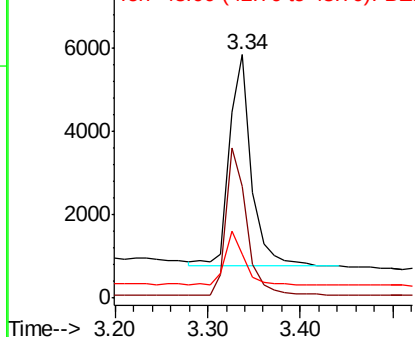
#2

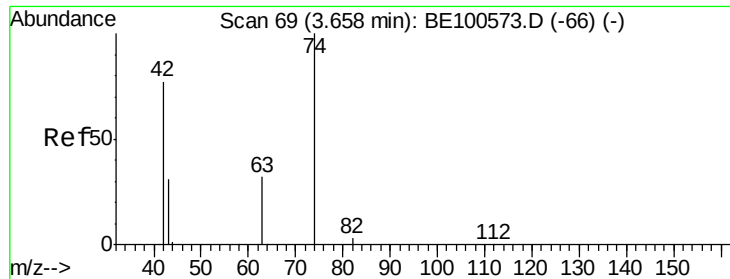
1,4-Dioxane
Concen: 1.766 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion: 88 Resp: 8318
Ion Ratio Lower Upper
88 100
58 65.6 46.4 69.6
43 22.3 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: 1.974 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

Instrument :

BNA_E

ClientSampleId :

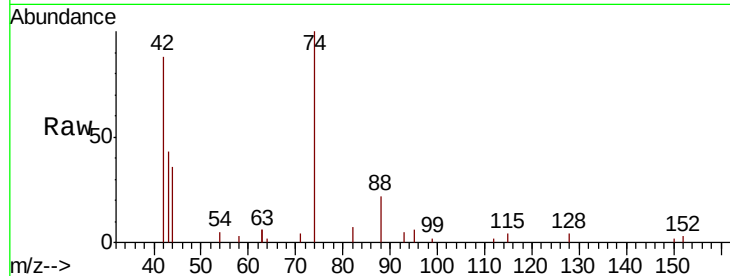
Tot Ion: 42 Resp: 5453

Ion Ratio Lower Upper

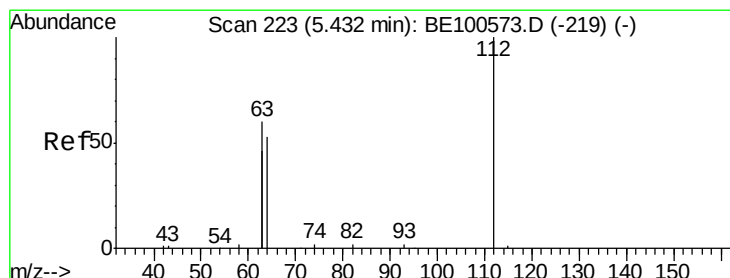
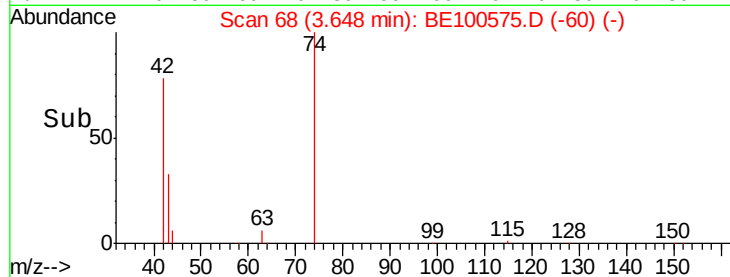
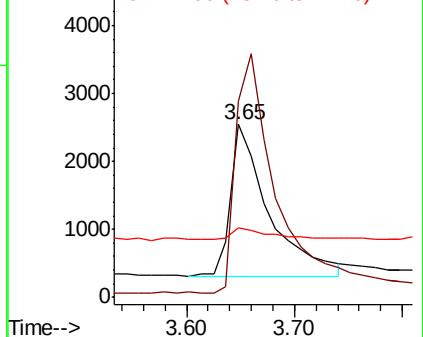
42 100

74 166.0 0.0 0.0#

44 7.6 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: 2.088 ng

RT: 5.43 min Scan# 223

Delta R.T. 0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

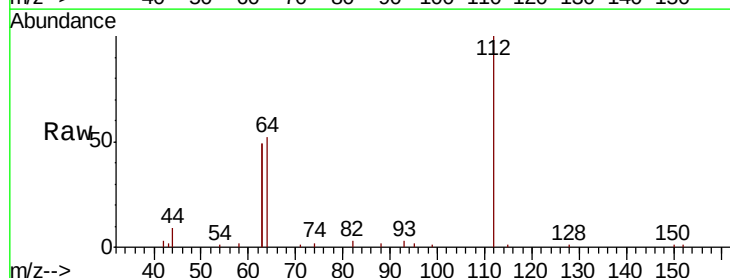
Tgt Ion: 112 Resp: 15952

Ion Ratio Lower Upper

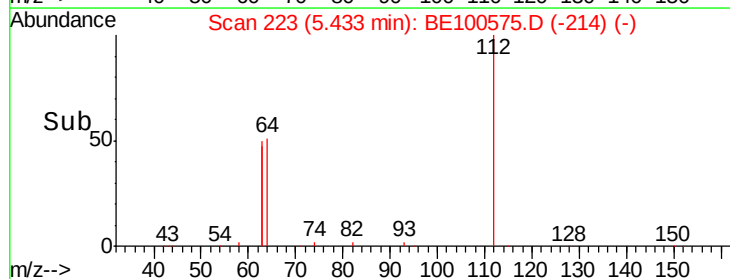
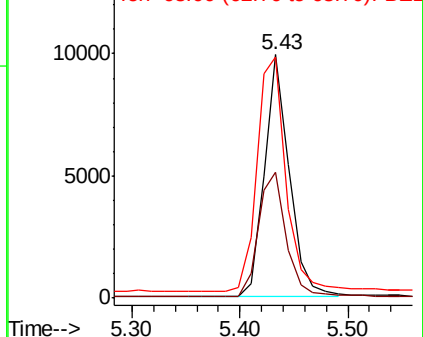
112 100

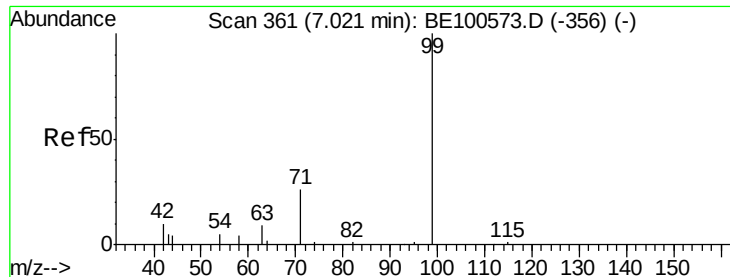
64 57.0 44.9 67.3

63 111.0 90.1 135.1



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: 2.129 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

Instrument :

BNA_E

ClientSampleId :

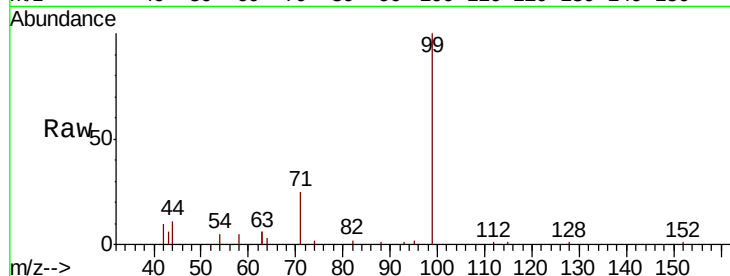
Tot Ion: 99 Resp: 22270

Ion Ratio Lower Upper

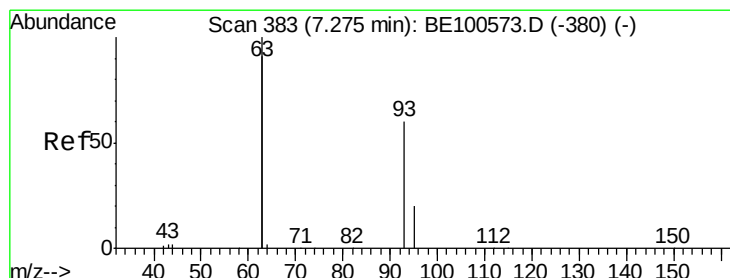
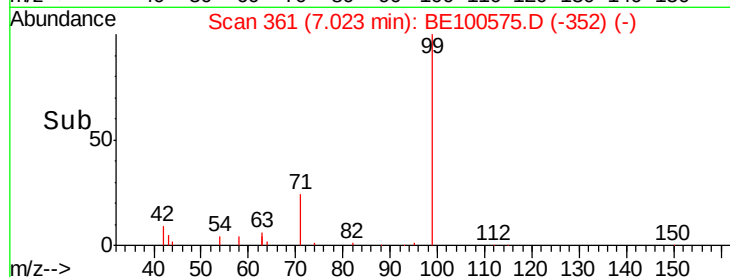
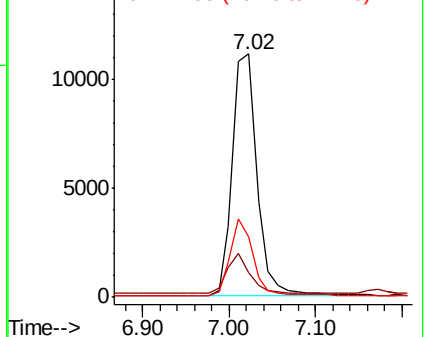
99 100

42 15.5 11.7 17.5

71 29.2 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: 1.761 ng

RT: 7.28 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

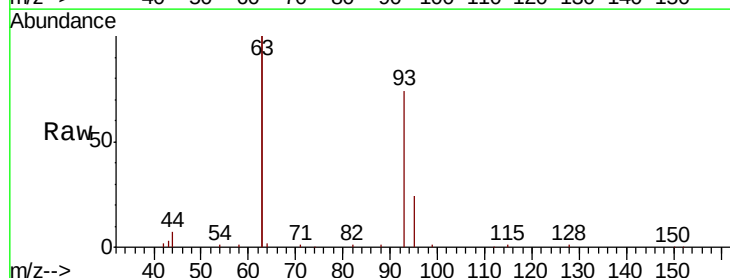
Tgt Ion: 93 Resp: 18631

Ion Ratio Lower Upper

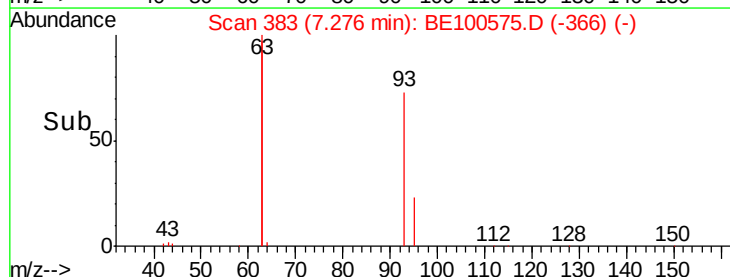
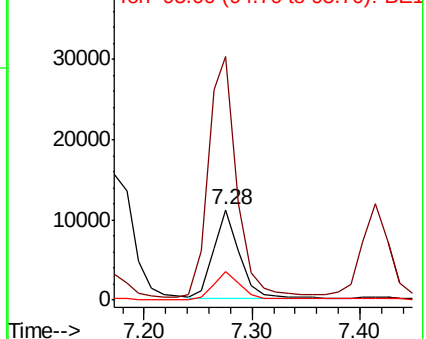
93 100

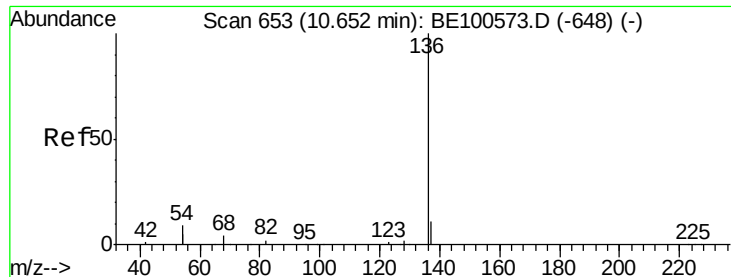
63 294.9 228.3 342.5

95 32.0 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: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 16722

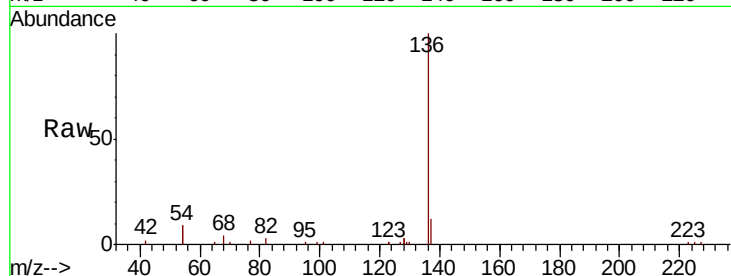
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 17.7 15.0 22.6

68 4.5 3.7 5.5

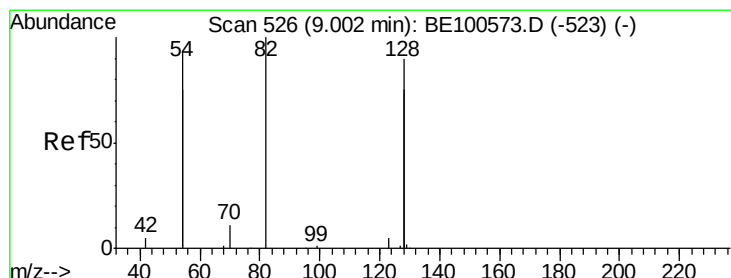
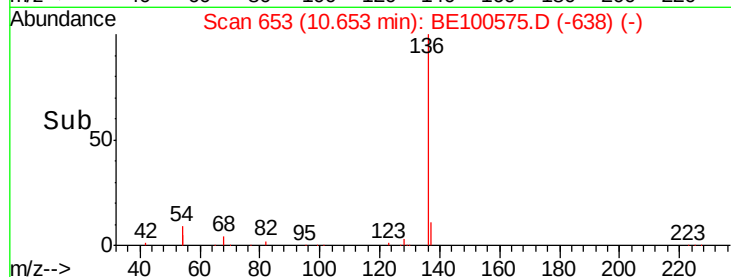
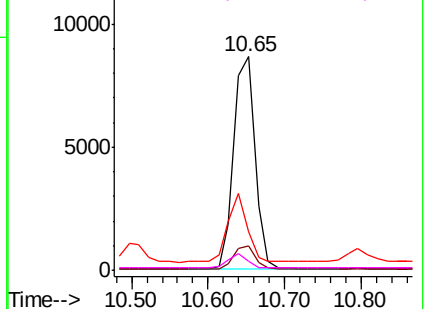


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.105 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

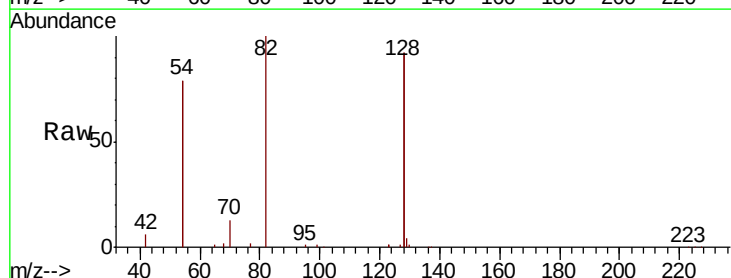
Tgt Ion: 82 Resp: 20292

Ion Ratio Lower Upper

82 100

128 183.6 137.9 206.9

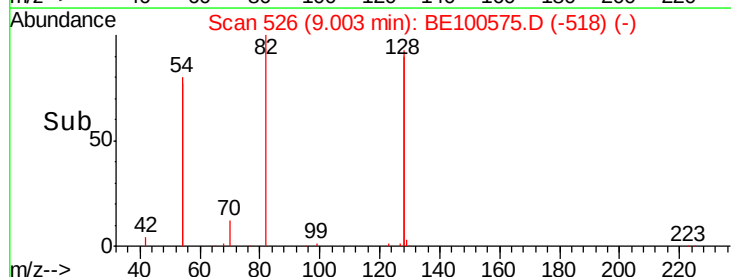
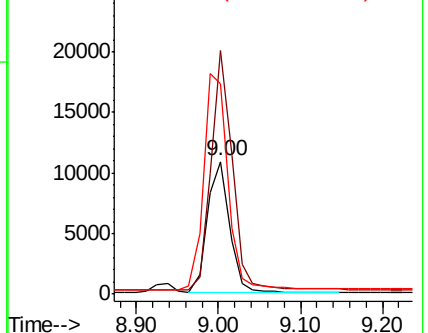
54 158.8 143.0 214.6

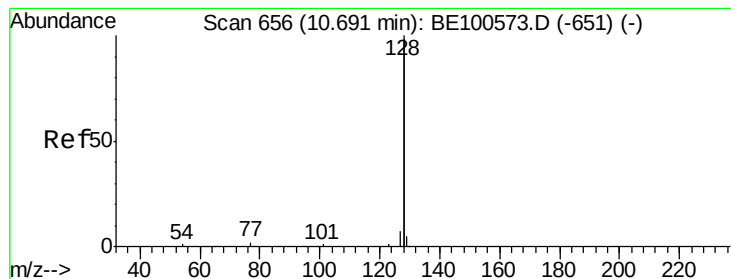


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 1.642 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

Instrument :

BNA_E

ClientSampleId :

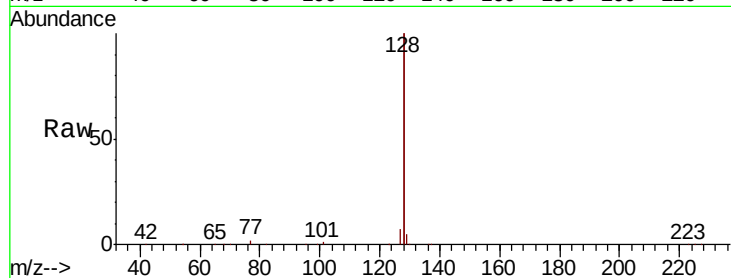
Tot Ion:128 Resp: 284687

Ion Ratio Lower Upper

128 100

129 2.7 2.2 3.4

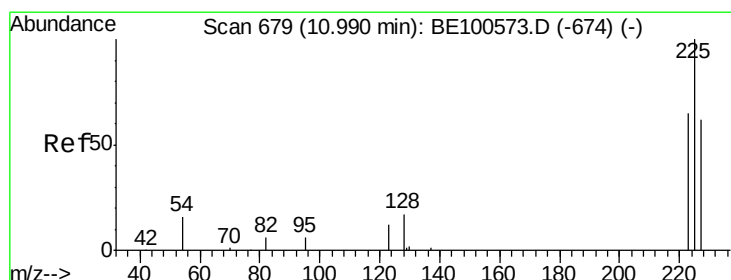
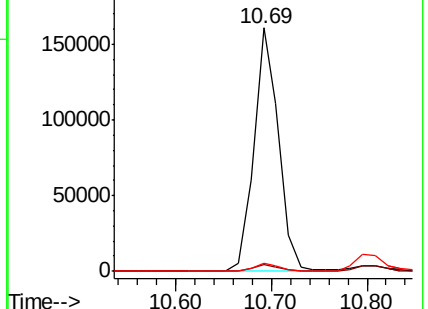
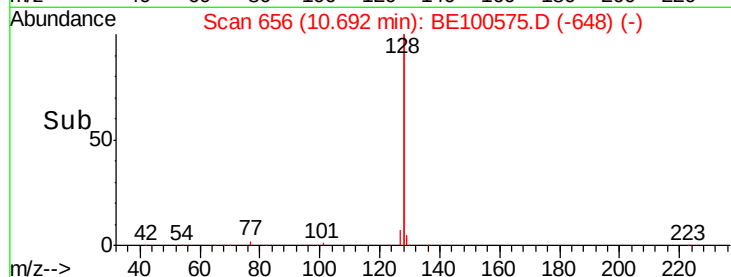
127 3.3 2.8 4.2



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: 1.547 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

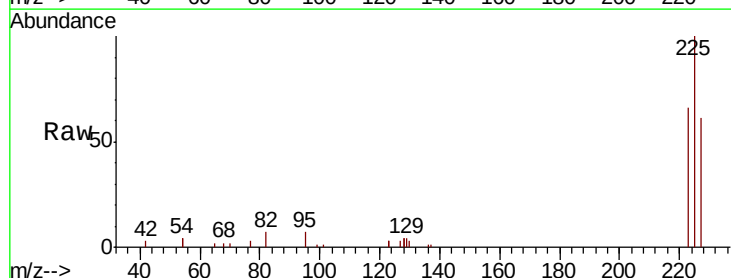
Tgt Ion:225 Resp: 8577

Ion Ratio Lower Upper

225 100

223 63.6 49.4 74.0

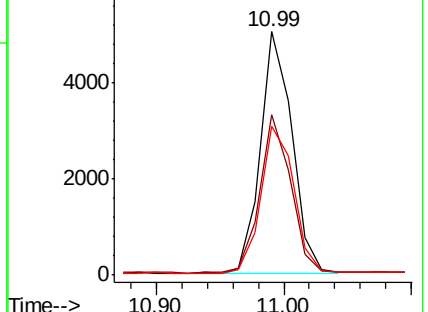
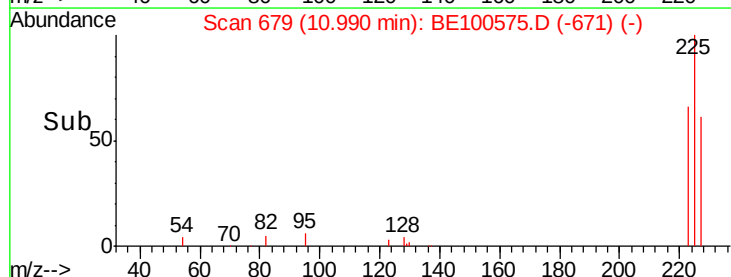
227 63.4 50.3 75.5

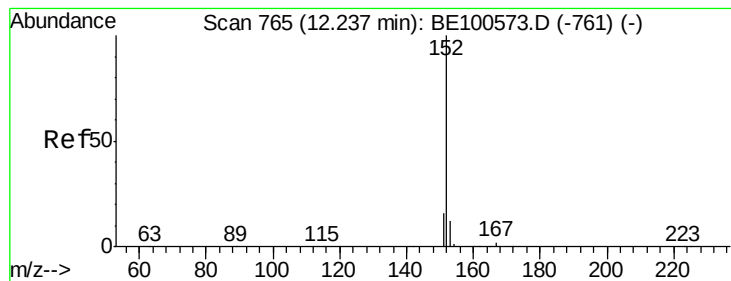


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.734 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

Instrument :

BNA_E

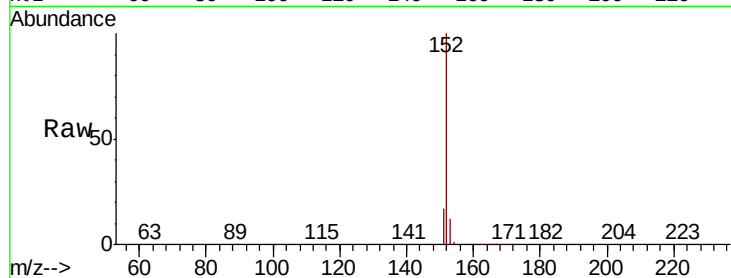
ClientSampleId :

Tot Ion:152 Resp: 43353

Ion Ratio Lower Upper

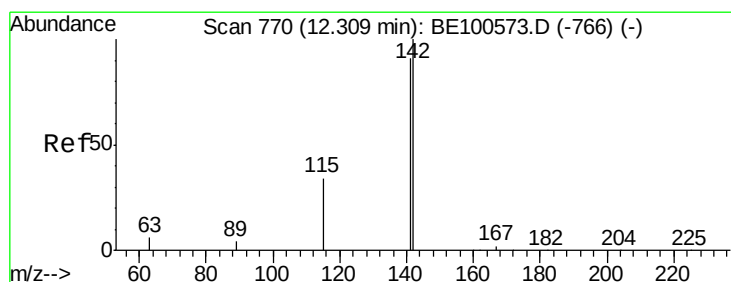
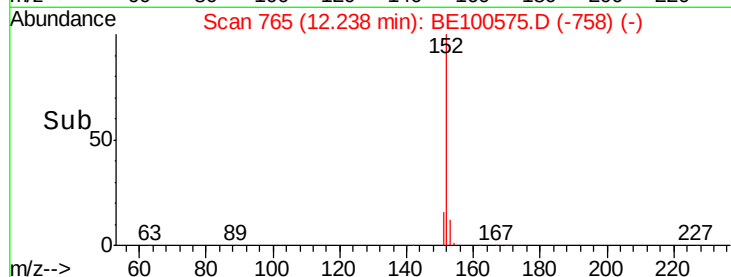
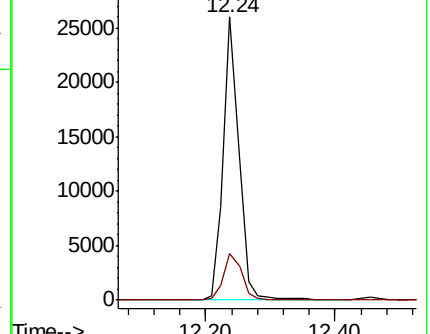
152 100

151 18.9 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: 1.793 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

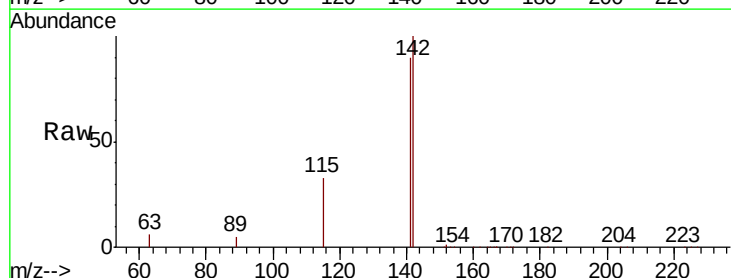
Tgt Ion:142 Resp: 49455

Ion Ratio Lower Upper

142 100

141 90.4 73.2 109.8

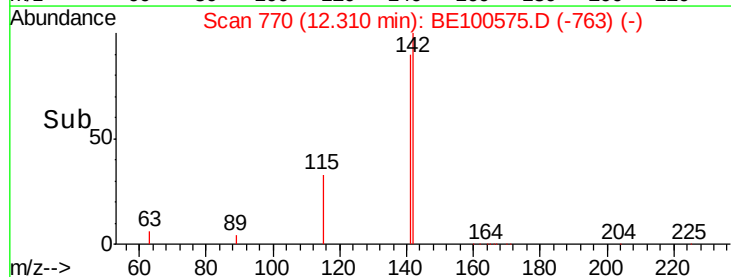
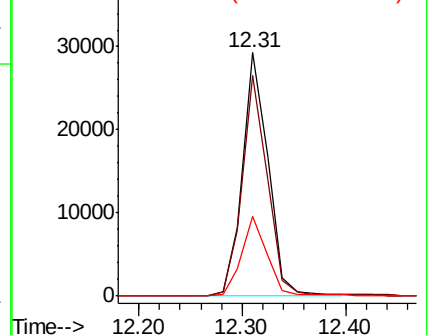
115 33.0 28.2 42.2

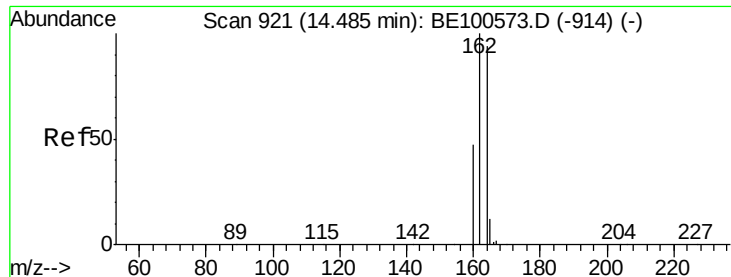


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

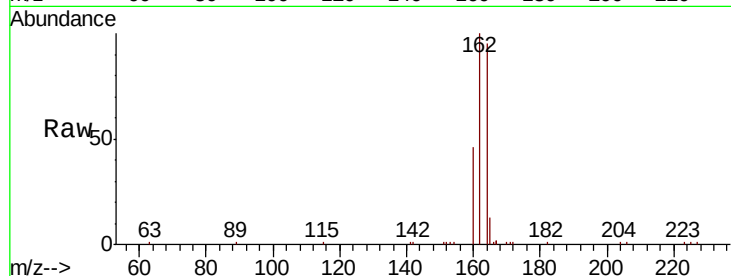




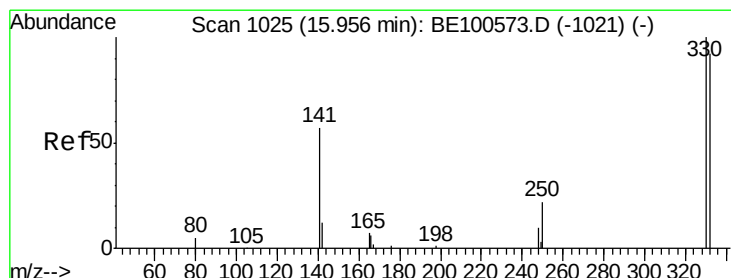
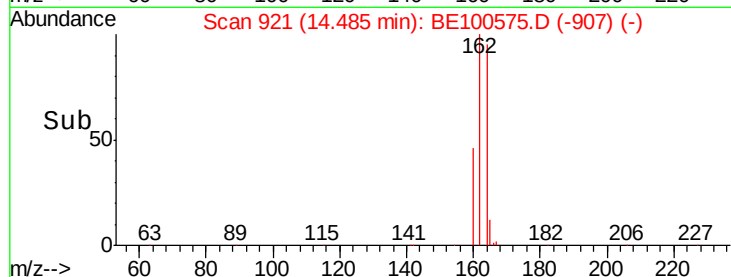
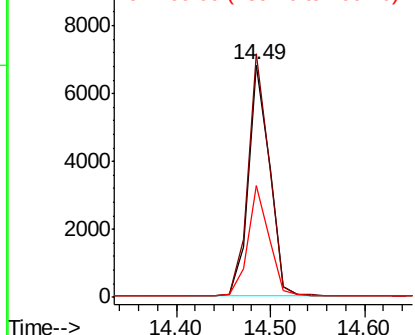
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 10618
Ion Ratio Lower Upper
164 100
162 104.8 85.0 127.4
160 48.4 40.2 60.4

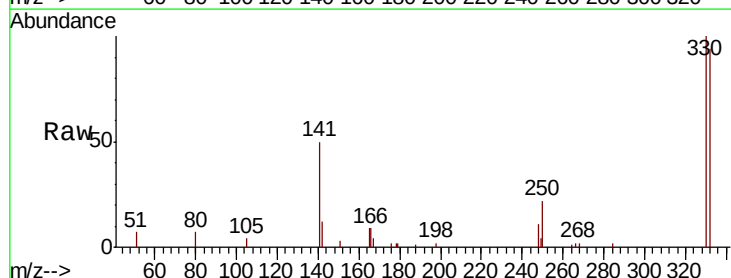


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

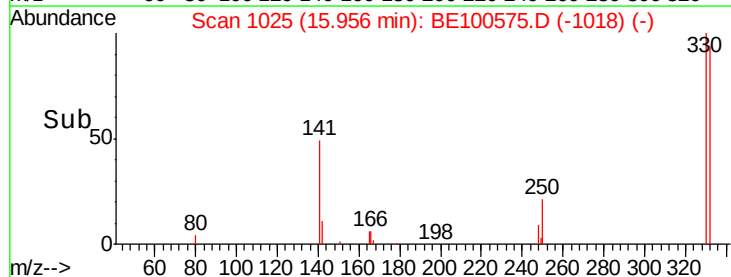
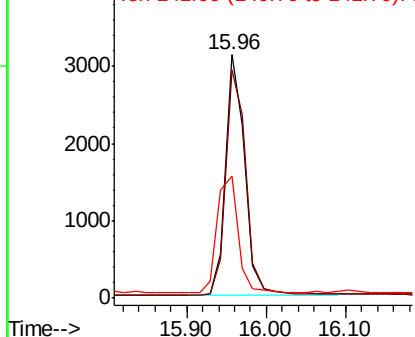


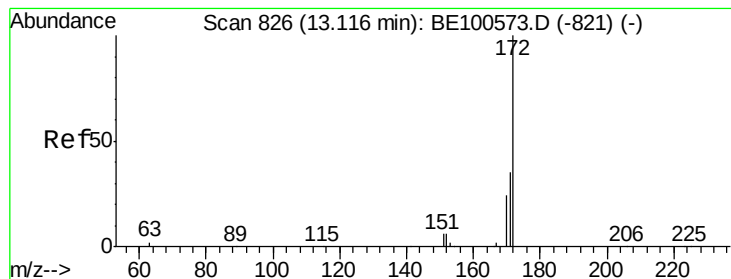
#14
2,4,6-Tribromophenol
Concen: 3.010 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:330 Resp: 5168
Ion Ratio Lower Upper
330 100
332 98.9 78.1 117.1
141 53.6 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

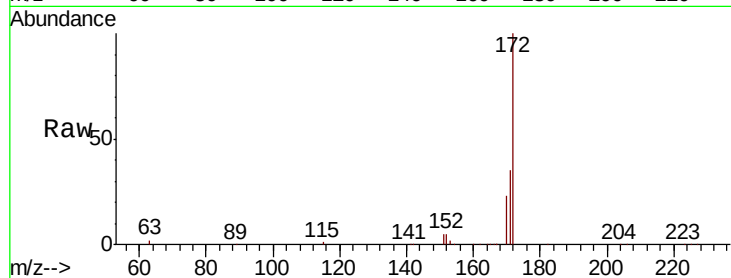




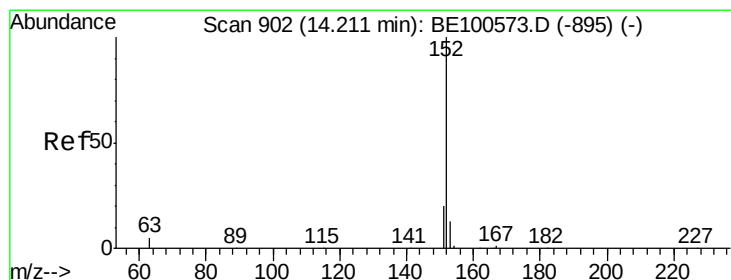
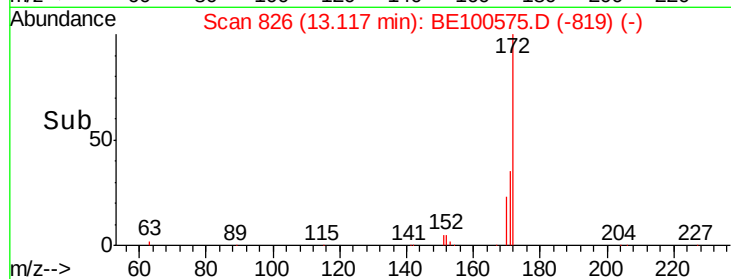
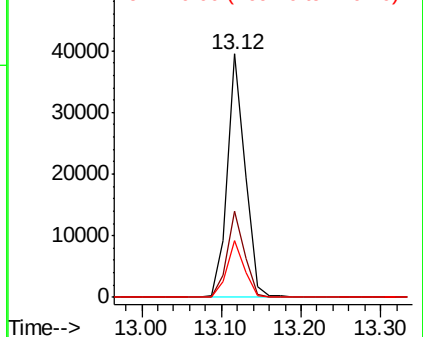
#15
2-Fluorobiphenyl
Concen: 1.610 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 61019
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.3 19.2 28.8

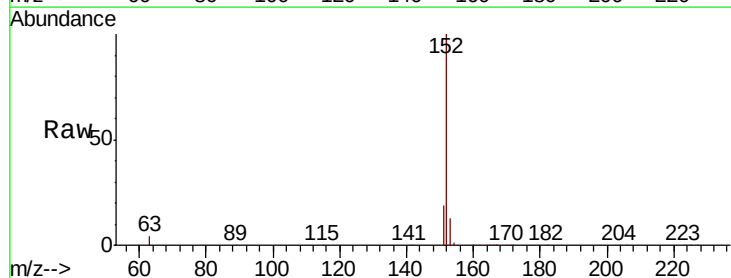


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

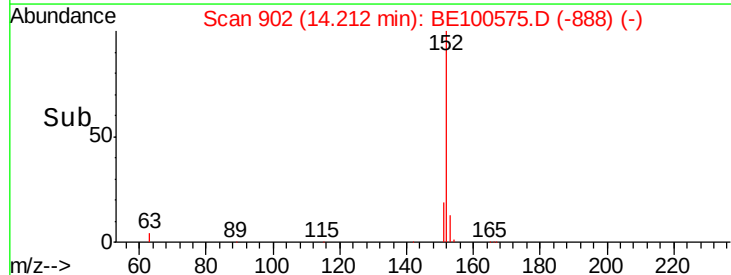
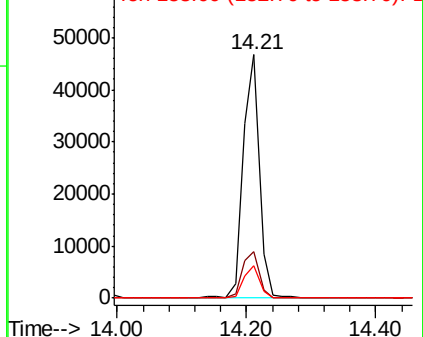


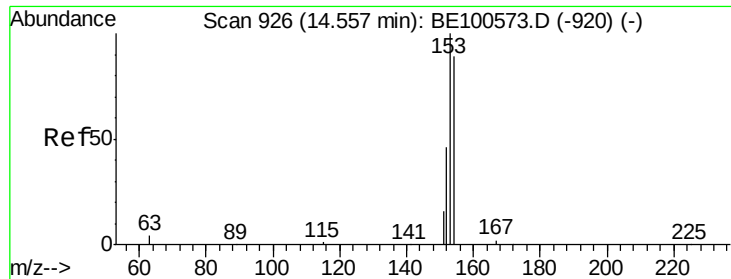
#16
Acenaphthylene
Concen: 1.844 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:152 Resp: 80606
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.0 10.6 16.0



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

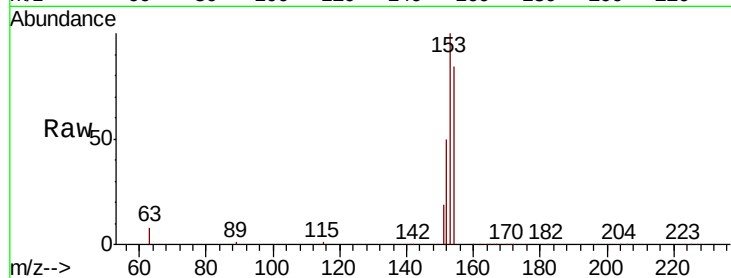




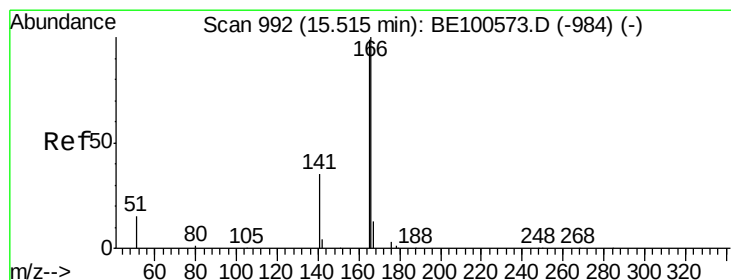
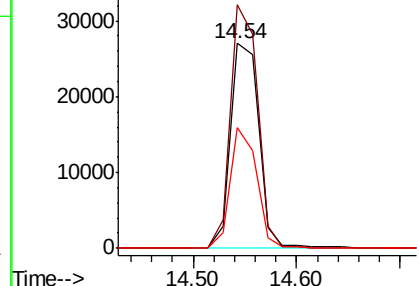
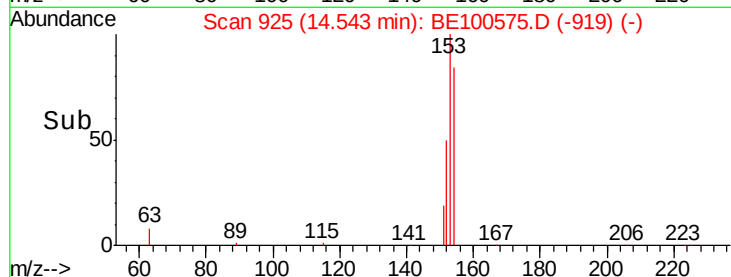
#17
Acenaphthene
Concen: 1.734 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 51194
Ion Ratio Lower Upper
154 100
153 113.4 92.7 139.1
152 54.9 45.6 68.4

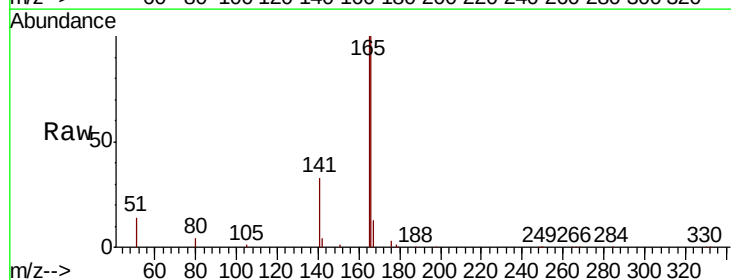


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

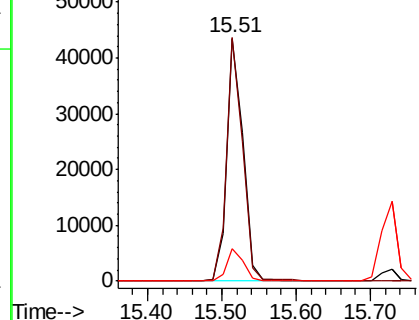
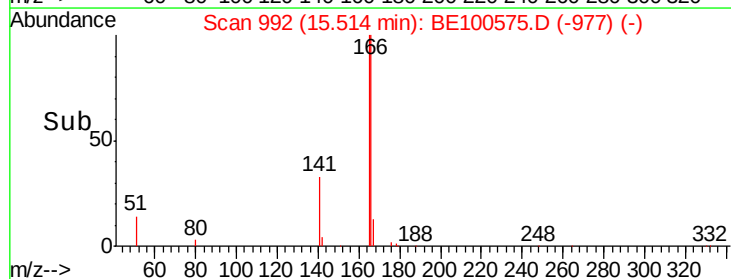


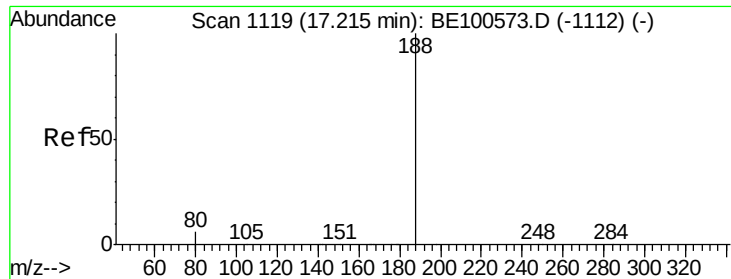
#18
Fluorene
Concen: 1.798 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:166 Resp: 66408
Ion Ratio Lower Upper
166 100
165 99.0 78.0 117.0
167 13.4 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: BE100575.D

Acq: 27 Sep 2019 16:29

Instrument :

BNA_E

ClientSampleId :

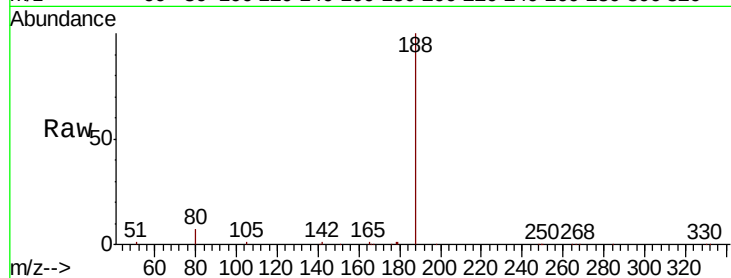
Tot Ion:188 Resp: 24397

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

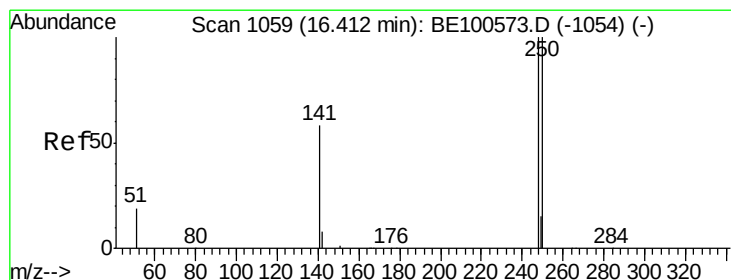
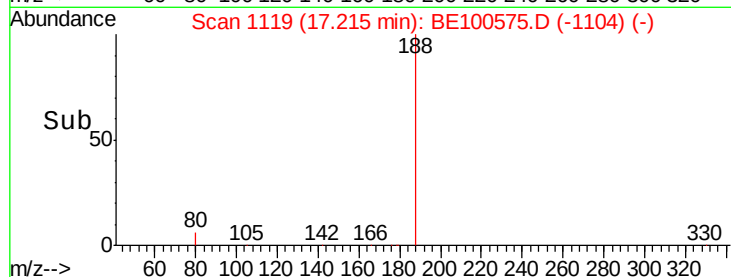
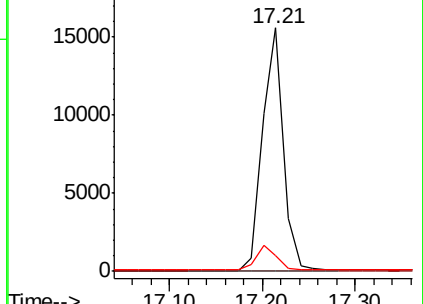
80 6.7 5.6 8.4



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: 1.671 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

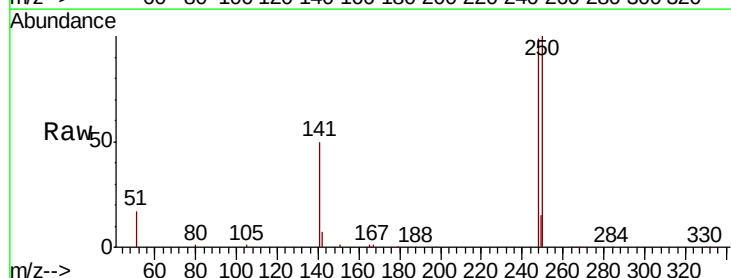
Tgt Ion:248 Resp: 19157

Ion Ratio Lower Upper

248 100

250 100.9 79.9 119.9

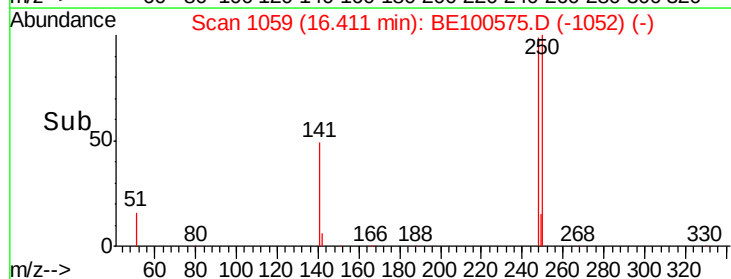
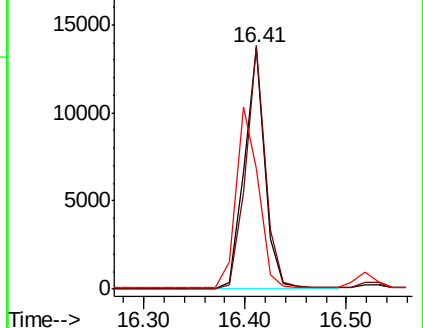
141 50.0 47.7 71.5

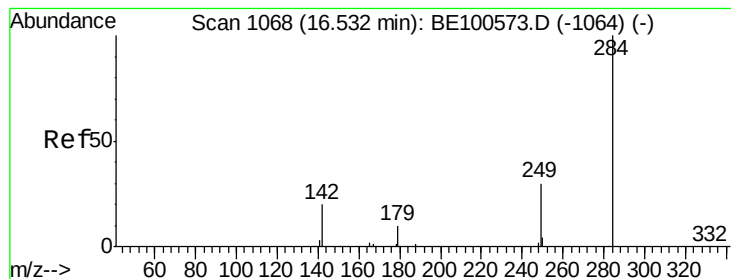


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.546 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

Instrument :

BNA_E

ClientSampled :

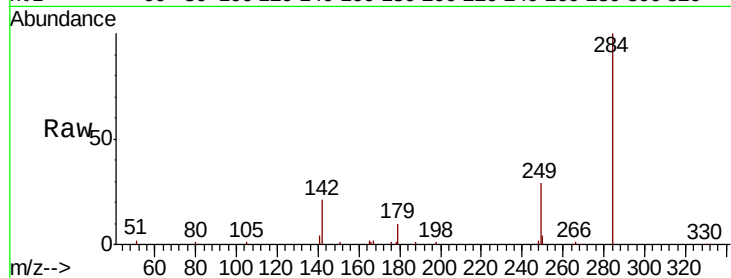
Tot Ion:284 Resp: 15447

Ion Ratio Lower Upper

284 100

142 48.5 37.0 55.4

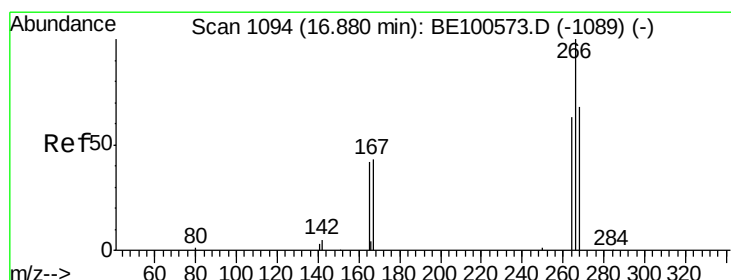
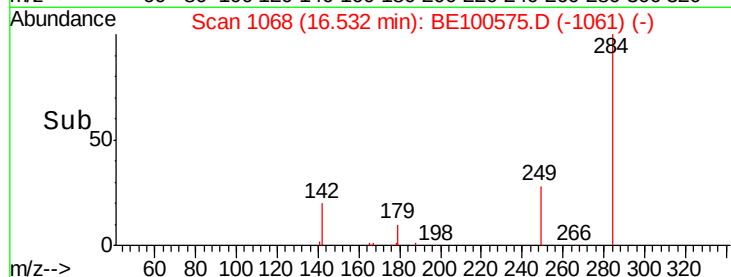
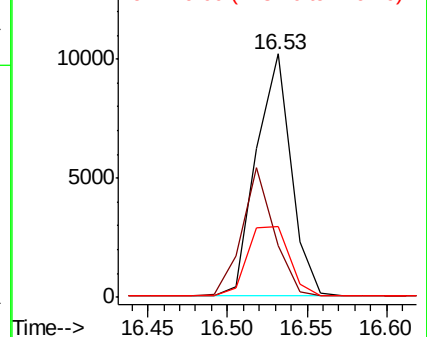
249 34.5 27.0 40.4



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: 2.640 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

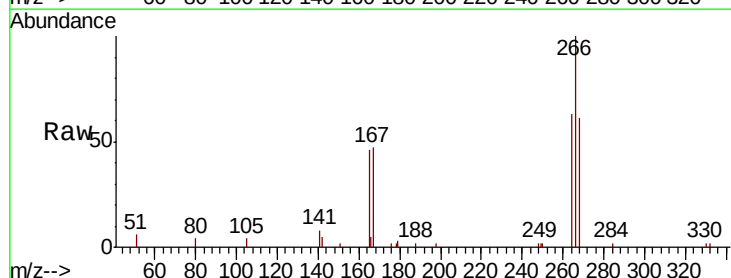
Tgt Ion:266 Resp: 6018

Ion Ratio Lower Upper

266 100

264 63.2 53.5 80.3

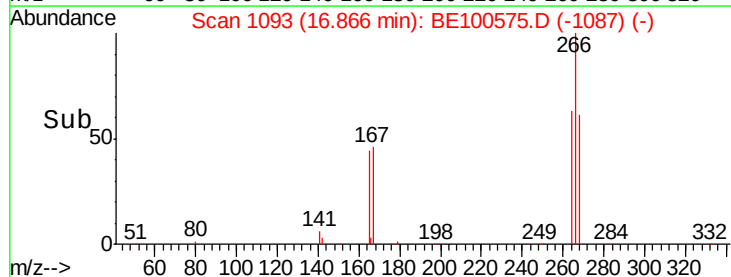
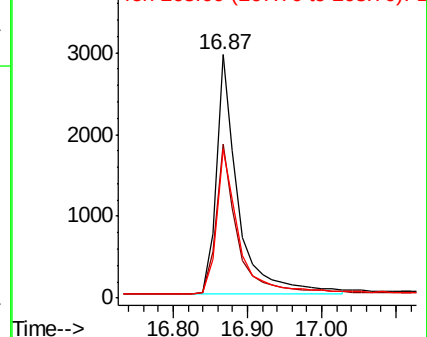
268 61.4 58.3 87.5

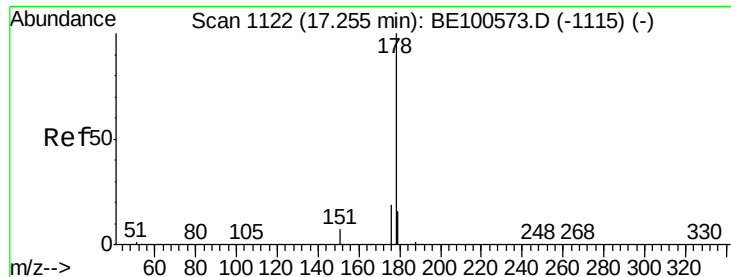


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.687 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

Instrument :

BNA_E

ClientSampleId :

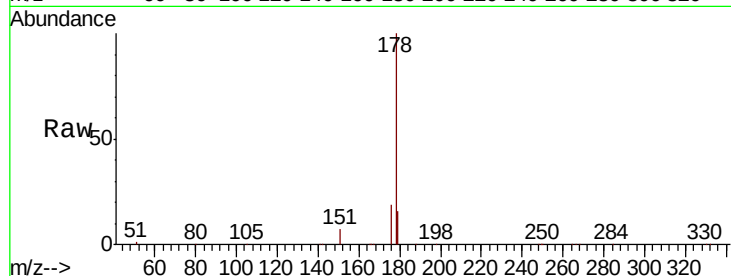
Tot Ion:178 Resp: 114664

Ion Ratio Lower Upper

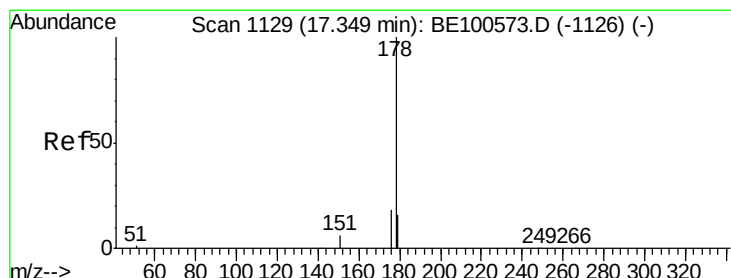
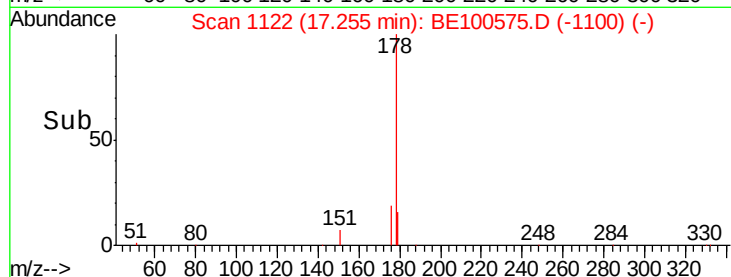
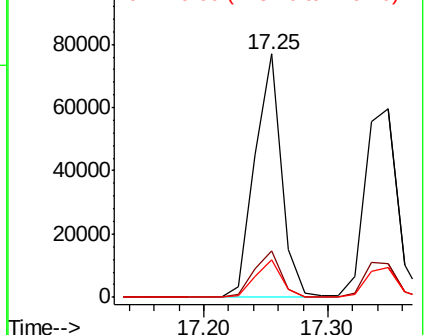
178 100

176 19.3 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: 1.864 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

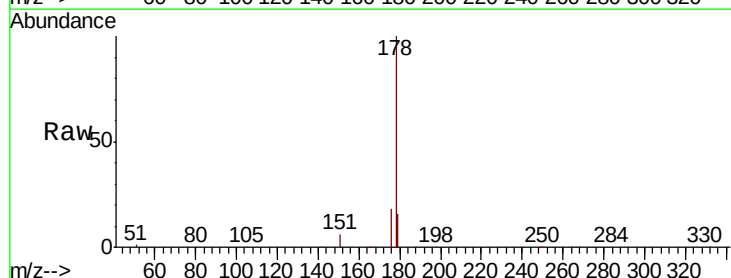
Tgt Ion:178 Resp: 106677

Ion Ratio Lower Upper

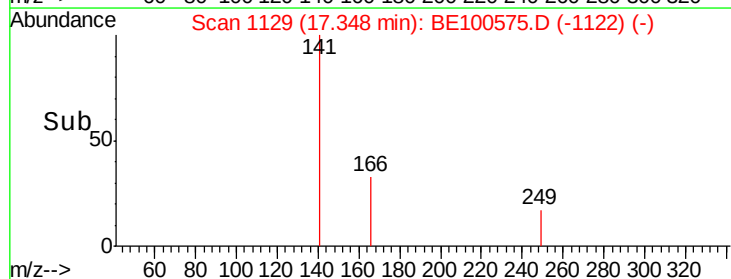
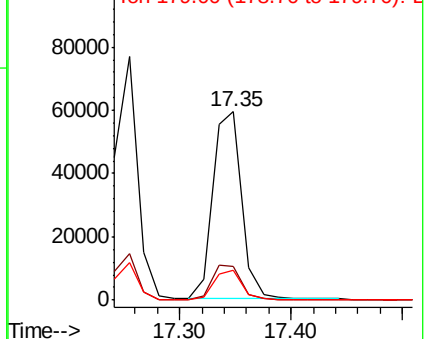
178 100

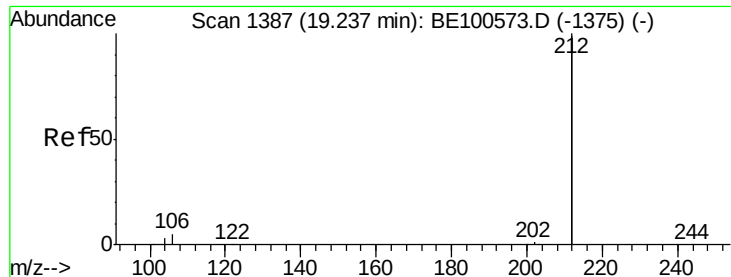
176 18.7 14.9 22.3

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: 1.805 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

Instrument :

BNA_E

ClientSampleId :

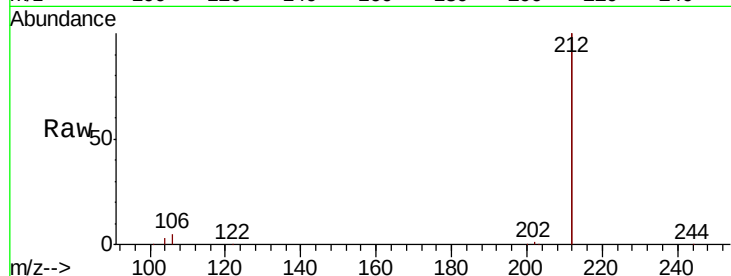
Tot Ion:212 Resp: 523722

Ion Ratio Lower Upper

212 100

106 3.1 2.5 3.7

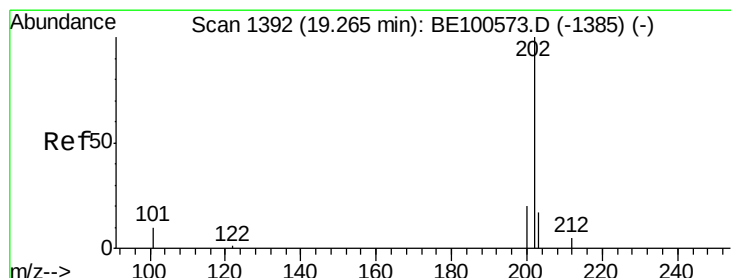
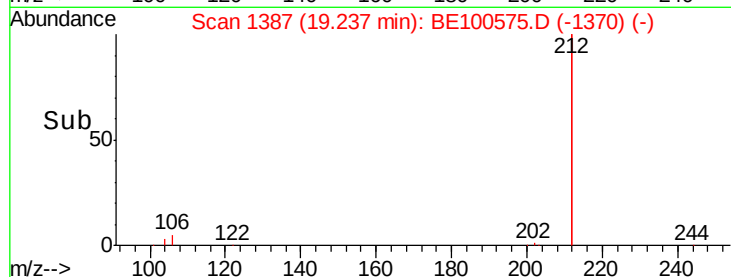
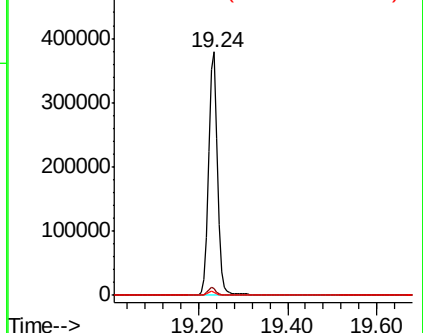
104 1.7 1.4 2.0



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: 1.787 ng

RT: 19.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

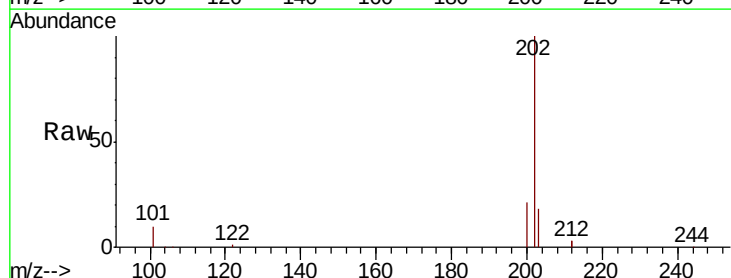
Tgt Ion:202 Resp: 146473

Ion Ratio Lower Upper

202 100

101 11.4 9.0 13.4

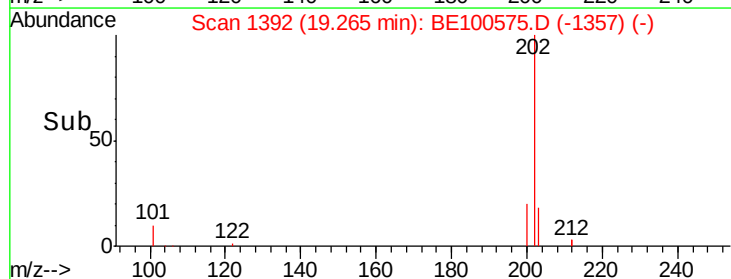
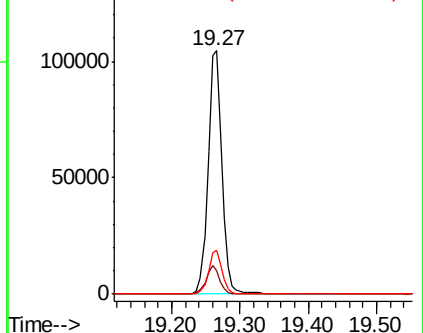
203 17.5 13.6 20.4

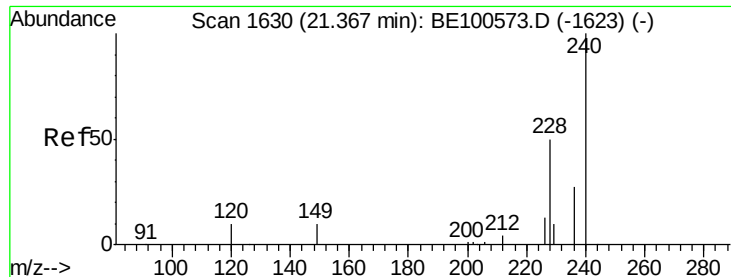


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE100575.D

Acq: 27 Sep 2019 16:29

Instrument :

BNA_E

ClientSampleId :

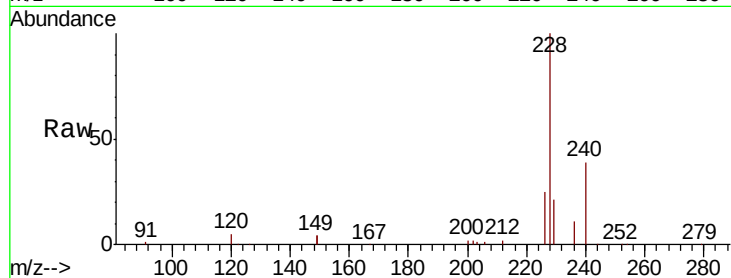
Tot Ion:240 Resp: 29224

Ion Ratio Lower Upper

240 100

120 12.6 8.7 13.1

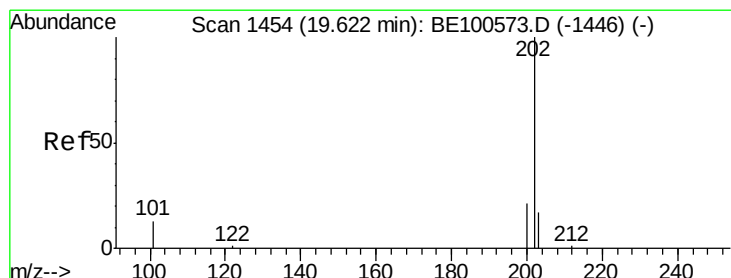
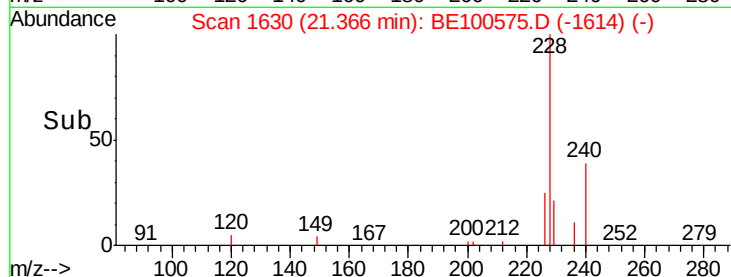
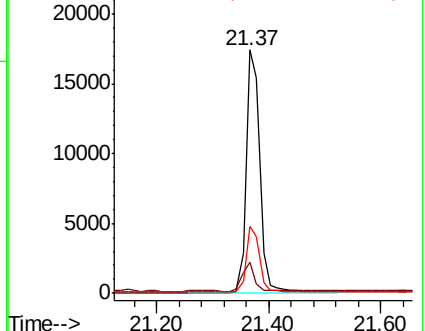
236 27.4 21.8 32.8



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: 1.774 ng

RT: 19.62 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

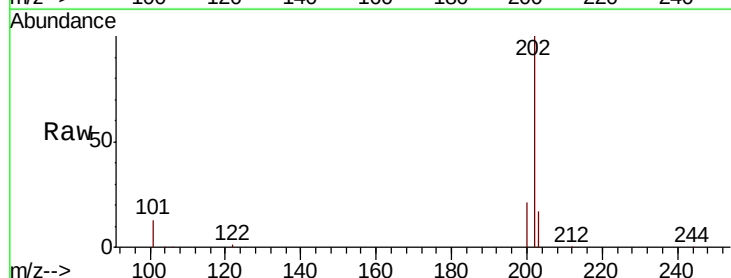
Tgt Ion:202 Resp: 149156

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

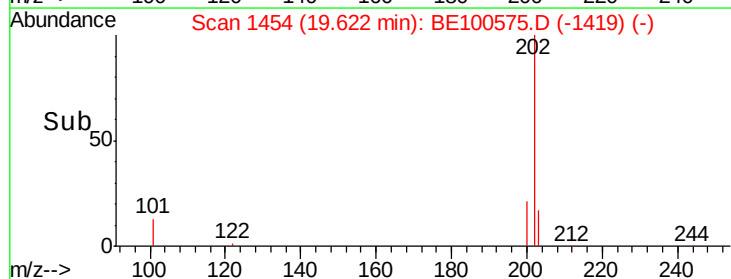
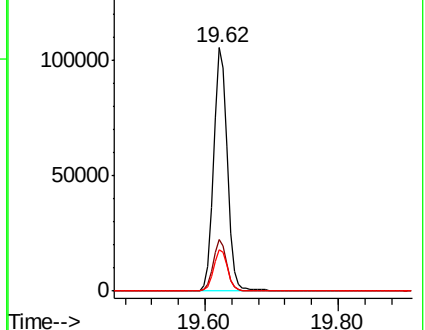
203 17.5 14.2 21.2

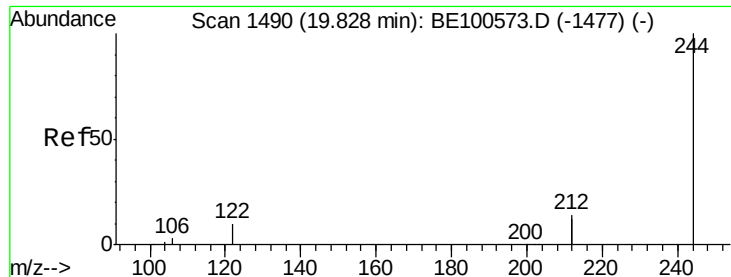


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.792 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

Instrument :

BNA_E

ClientSampleId :

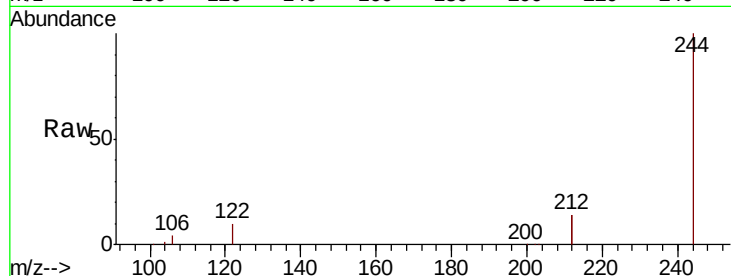
Tot Ion:244 Resp: 124052

Ion Ratio Lower Upper

244 100

212 27.0 21.8 32.8

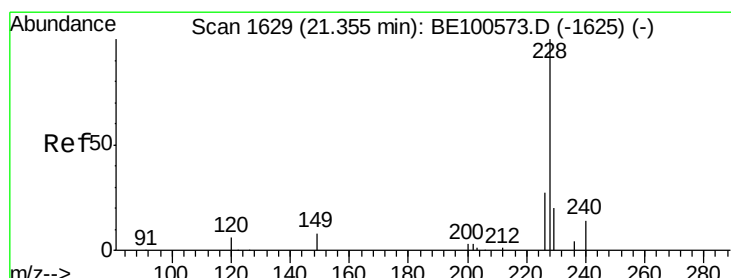
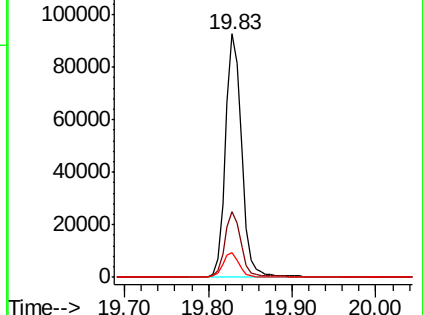
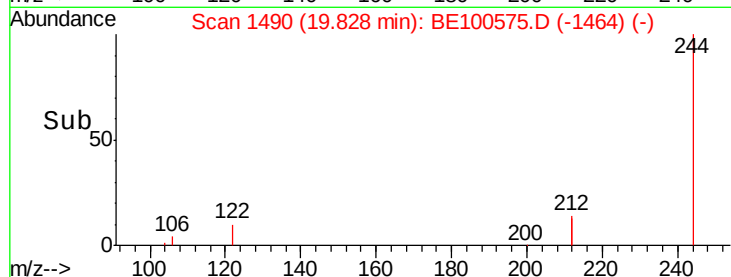
122 10.2 8.2 12.4



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: 1.817 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

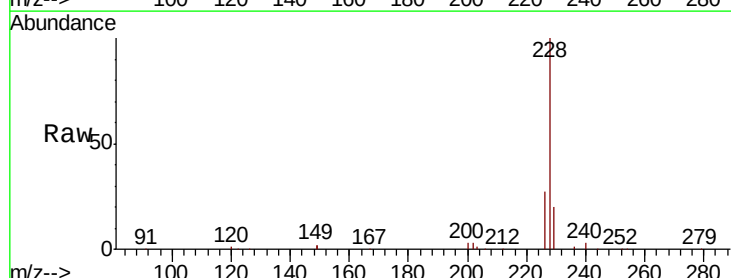
Tgt Ion:228 Resp: 141831

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

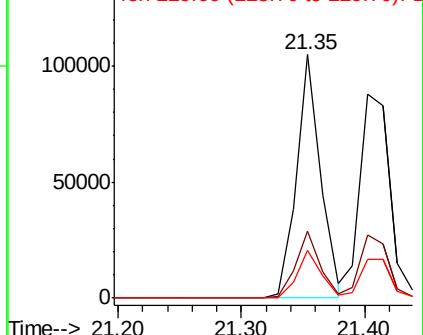
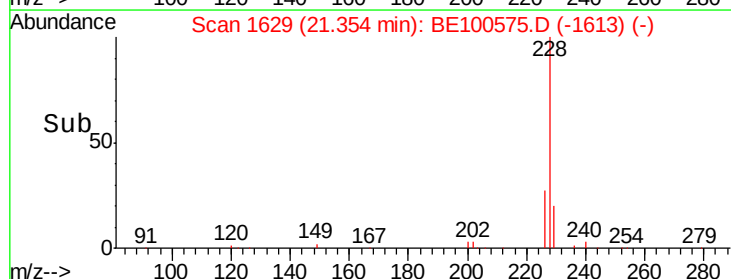
229 19.6 16.1 24.1

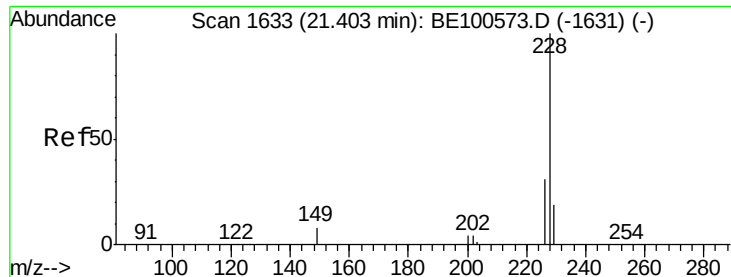


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.642 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

Instrument :

BNA_E

ClientSampleId :

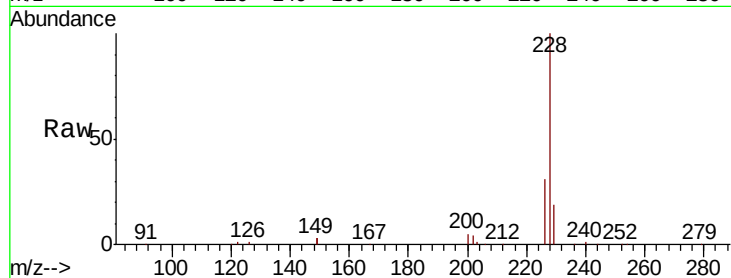
Tot Ion:228 Resp: 146071

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

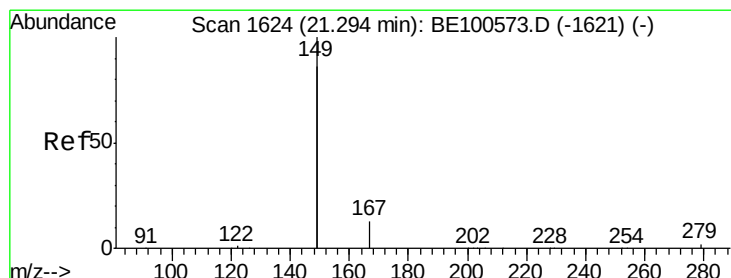
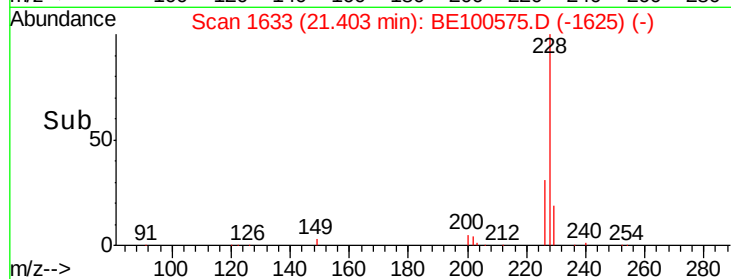
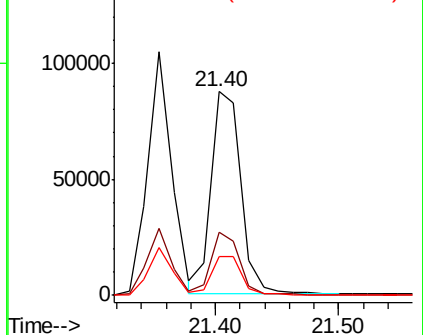
229 19.2 15.6 23.4



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: 4.095 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

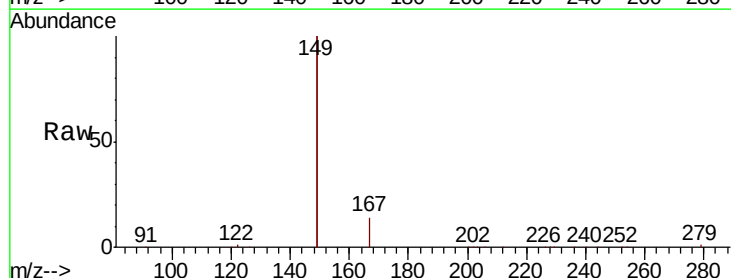
Tgt Ion:149 Resp: 344467

Ion Ratio Lower Upper

149 100

167 6.6 5.0 7.6

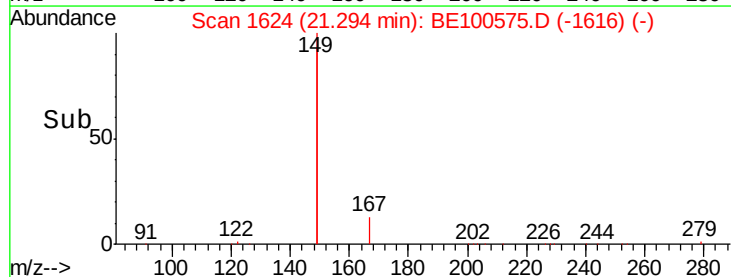
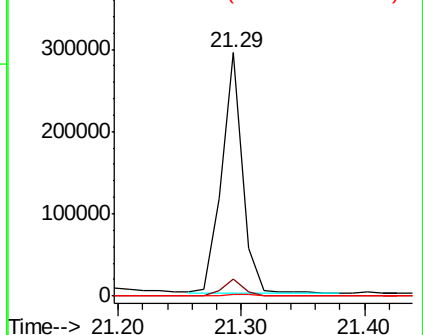
279 1.0 0.8 1.2

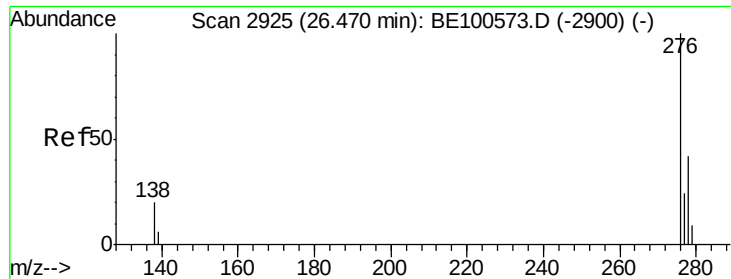


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

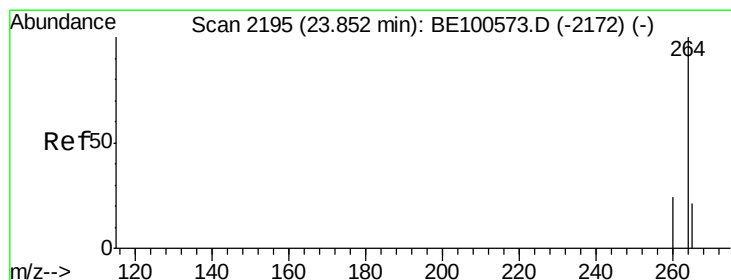
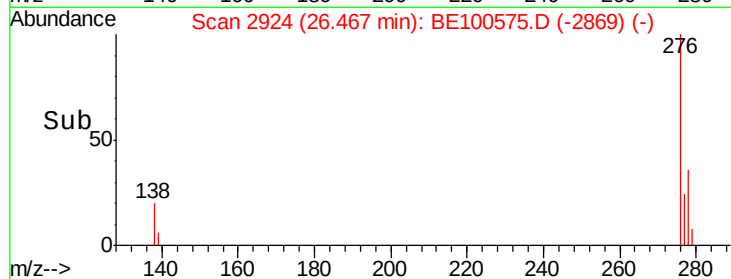
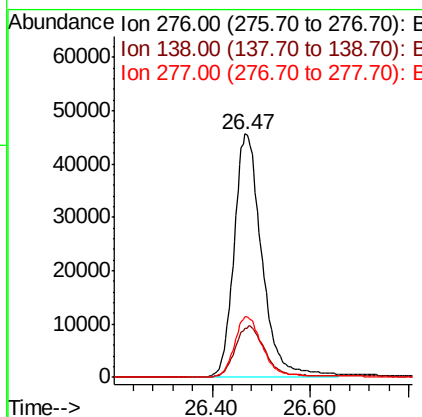
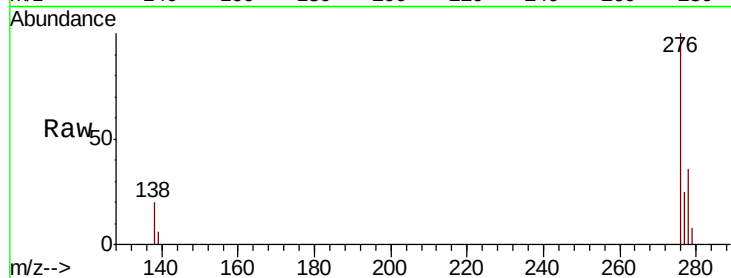




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.804 ng
 RT: 26.47 min Scan# 2924
 Delta R.T. -0.00 min
 Lab File: BE100575.D
 Acq: 27 Sep 2019 16:29

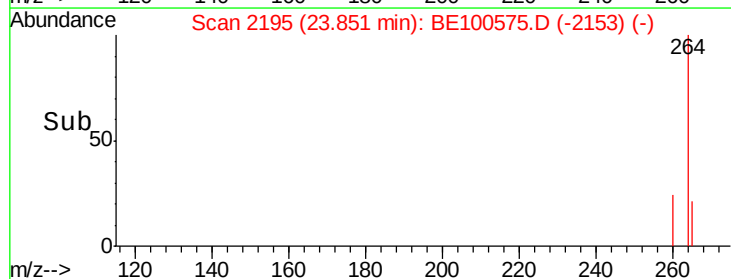
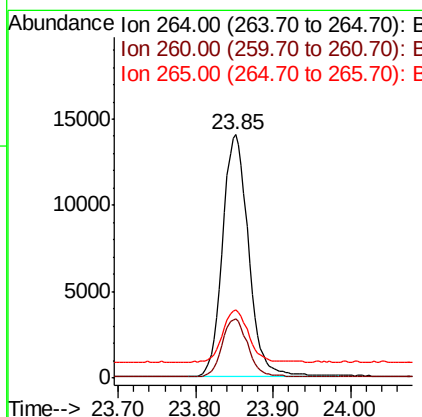
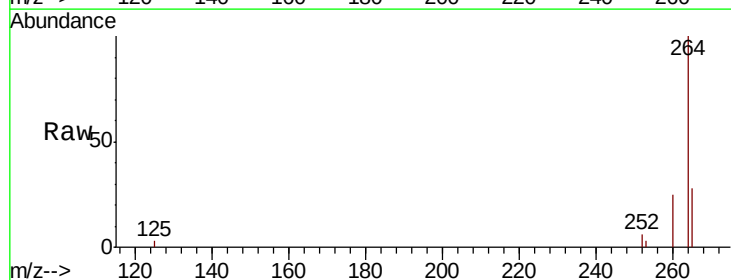
Instrument :
 BNA_E
 ClientSampleId :

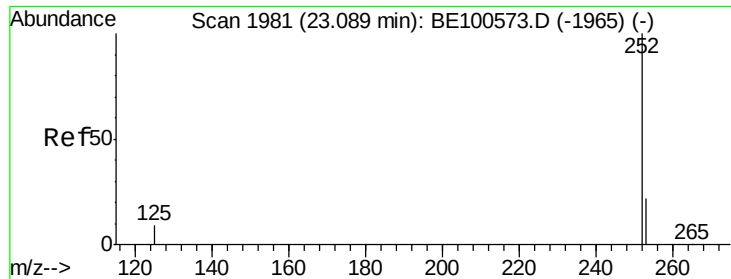
Tot Ion:276 Resp: 178345
 Ion Ratio Lower Upper
 276 100
 138 22.4 18.6 27.8
 277 25.1 19.4 29.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.85 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: BE100575.D
 Acq: 27 Sep 2019 16:29

Tgt Ion:264 Resp: 32813
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.7 29.5
 265 27.8 22.2 33.4

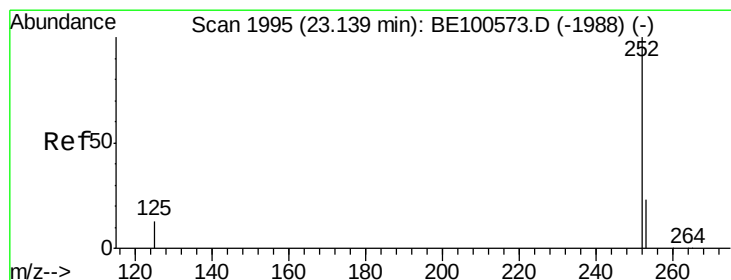
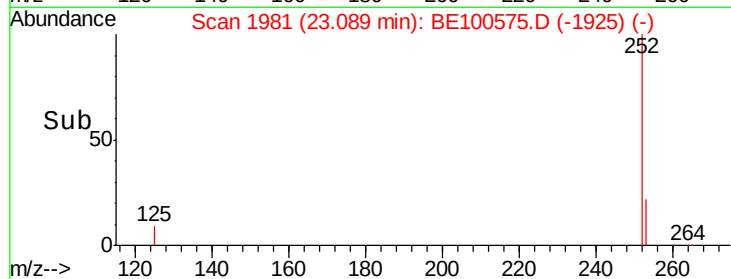
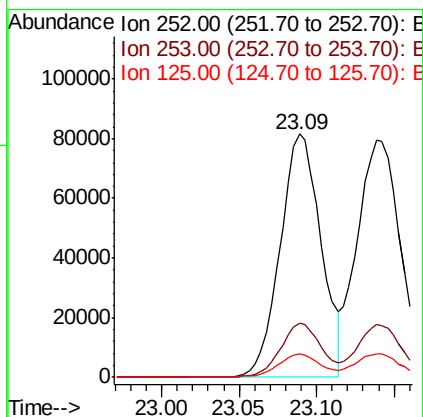
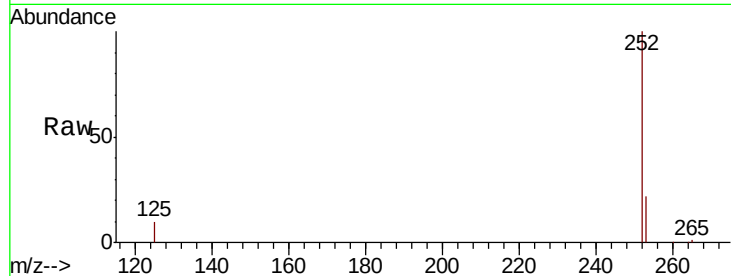




#35
Benzo(b)fluoranthene
Concen: 1.673 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

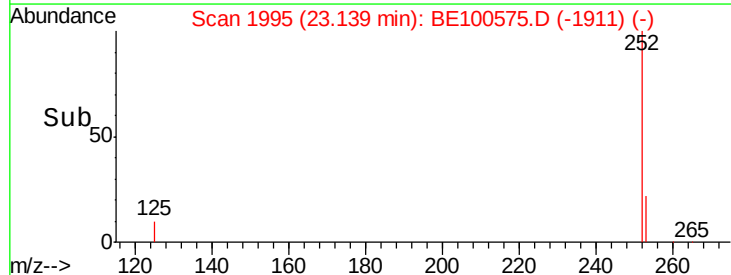
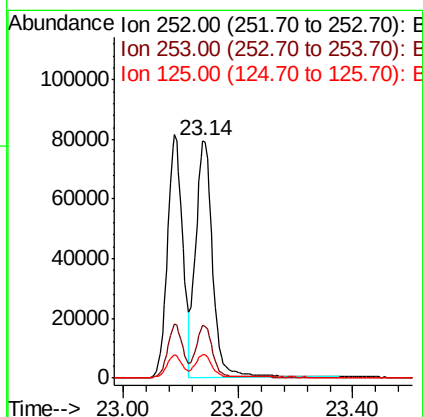
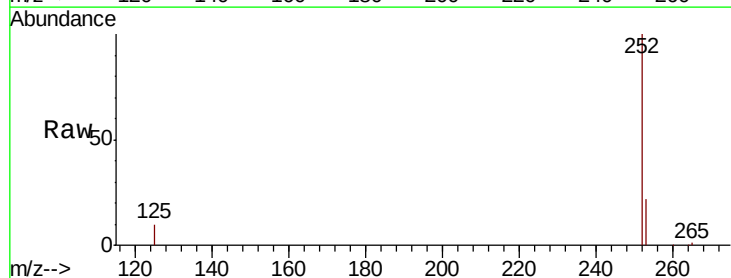
Instrument :
BNA_E
ClientSampleId :

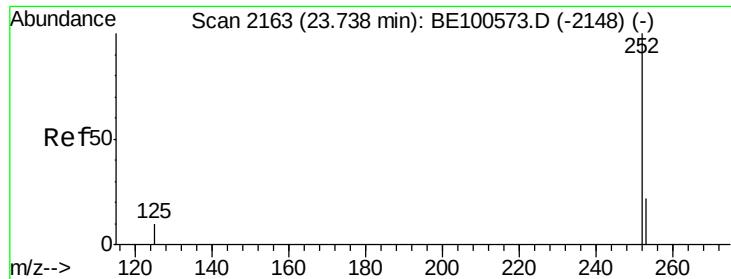
Tot Ion:252 Resp: 148521
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.8 8.7 13.1



#36
Benzo(k)fluoranthene
Concen: 1.578 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:252 Resp: 162149
Ion Ratio Lower Upper
252 100
253 22.1 18.6 28.0
125 10.0 11.4 17.2#





#37

Benzo(a)pyrene

Concen: 1.712 ng

RT: 23.74 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

Instrument :

BNA_E

ClientSampleId :

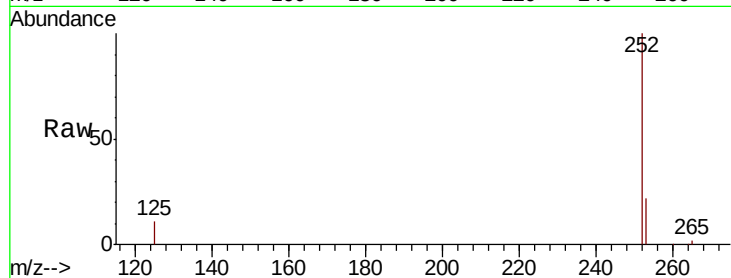
Tot Ion:252 Resp: 141821

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

125 10.7 9.8 14.6

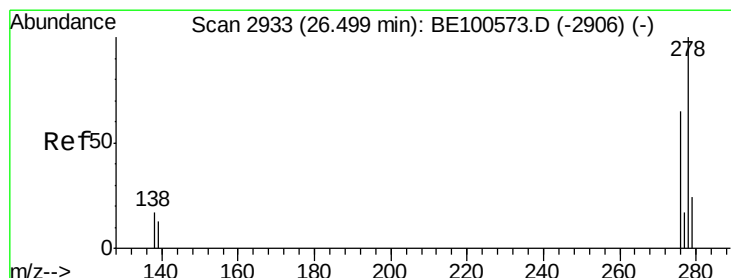
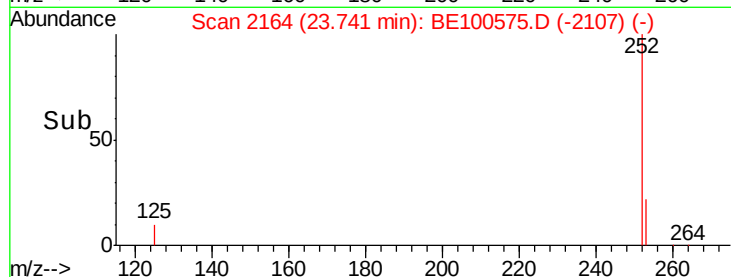
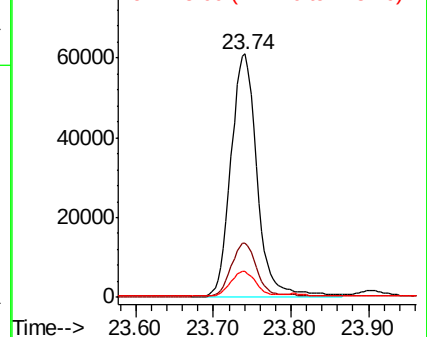


Abundance

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: 1.722 ng

RT: 26.50 min Scan# 2934

Delta R.T. 0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

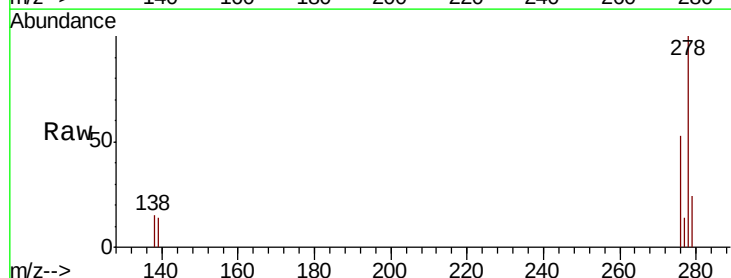
Tgt Ion:278 Resp: 148556

Ion Ratio Lower Upper

278 100

139 13.9 11.7 17.5

279 24.0 19.9 29.9

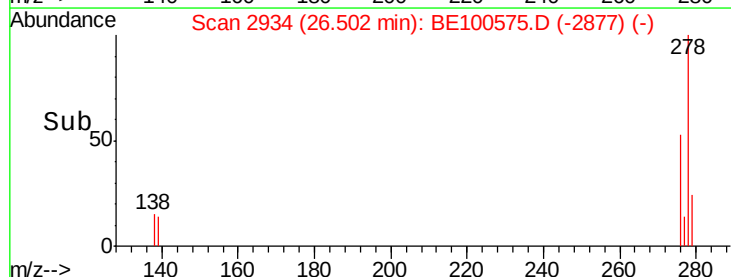
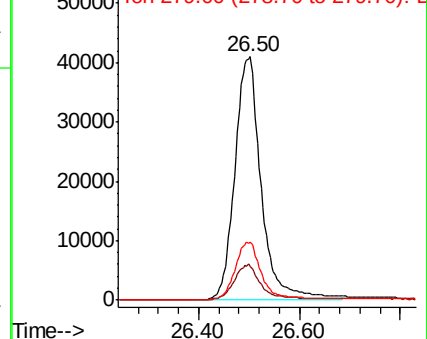


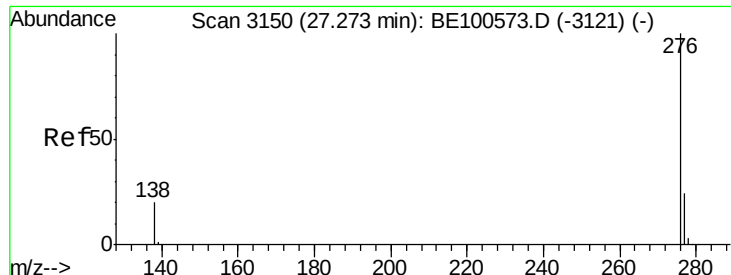
Abundance

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: 1.627 ng

RT: 27.27 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BE100575.D

Acq: 27 Sep 2019 16:29

Instrument :

BNA_E

ClientSampleId :

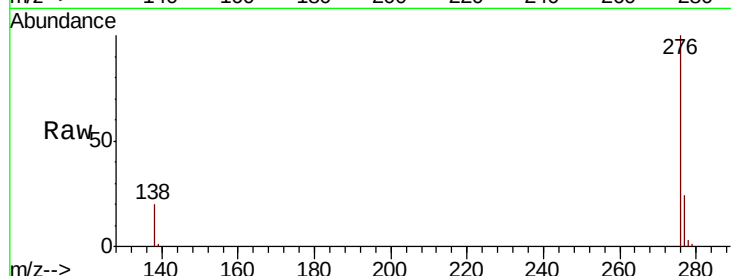
Tot Ion: 276 Resp: 146599

Ion Ratio Lower Upper

276 100

277 23.8 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

