

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
 Data File : BE100511.D
 Acq On : 18 Sep 2019 17:33
 Operator : HP/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 18 18:32:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 17:04:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	8003	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	38620	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	21159	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	48743	0.40	ng	0.00
27) Chrysene-d12	21.37	240	59990	0.40	ng	0.00
34) Perylene-d12	23.84	264	63111	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	79475	4.07	ng	0.00
5) Phenol-d6	7.02	99	108076	3.88	ng	0.00
8) Nitrobenzene-d5	9.00	82	78244	2.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	206322	3.22	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	18160	1.98	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	258021	3.00	ng	0.00
25) Fluoranthene-d10	19.23	212	2134970	3.20	ng	0.00
29) Terphenyl-d14	19.82	244	475024	3.21	ng	0.00

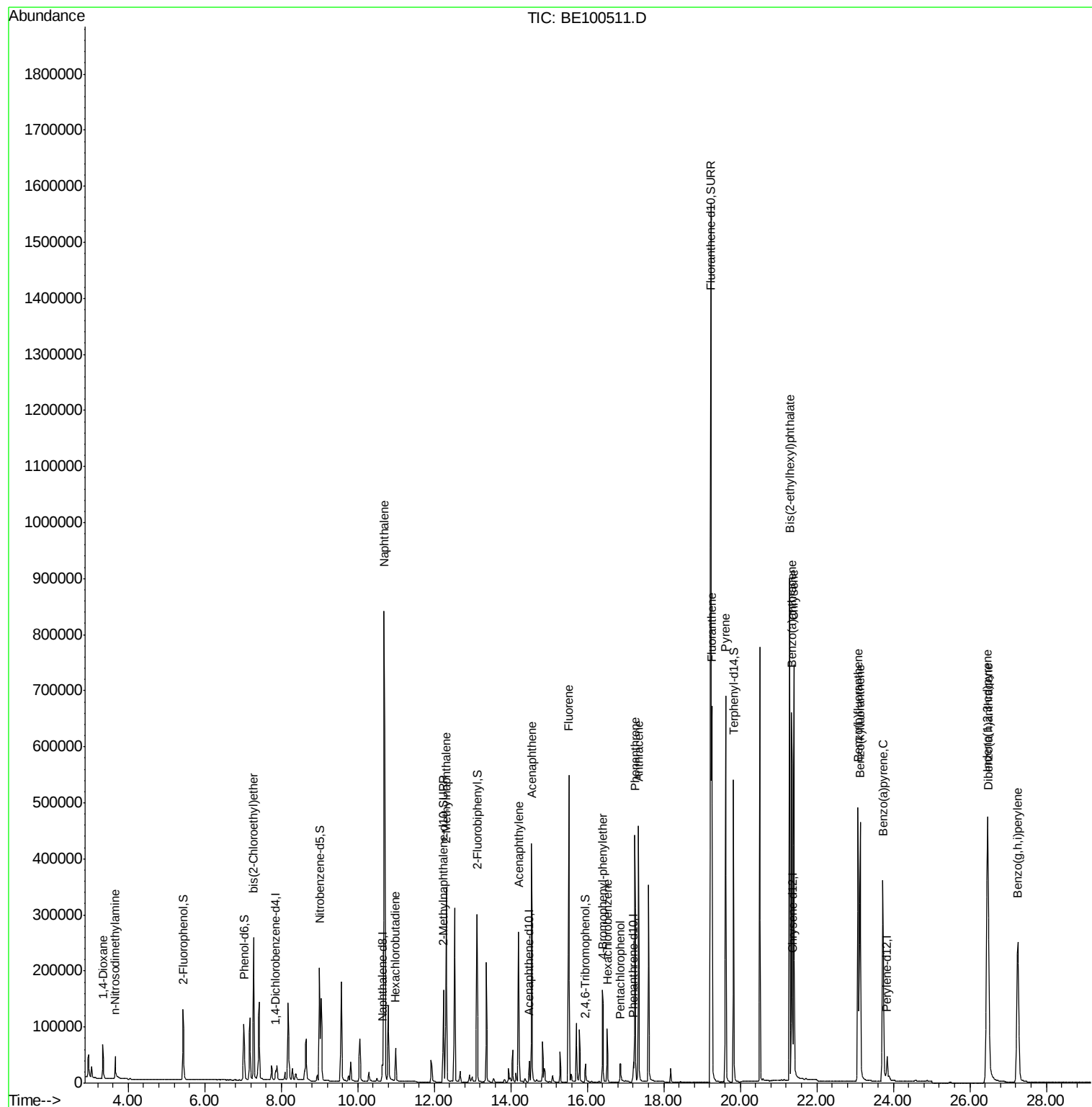
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	41584	3.457	ng	99
3) n-Nitrosodimethylamine	3.65	42	29438	4.019	ng	# 94
6) bis(2-Chloroethyl)ether	7.27	93	98944	4.135	ng	96
9) Naphthalene	10.69	128	1391786	3.751	ng	100
10) Hexachlorobutadiene	10.99	225	42699	2.408	ng	99
12) 2-Methylnaphthalene	12.31	142	238533	3.576	ng	99
16) Acenaphthylene	14.21	152	373808	3.821	ng	100
17) Acenaphthene	14.54	154	229251	3.893	ng	100
18) Fluorene	15.51	166	292096	3.719	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	84156	3.629	ng	97
21) Hexachlorobenzene	16.52	284	66520	2.787	ng	99
22) Pentachlorophenol	16.87	266	23943	2.379	ng	99
23) Phenanthrene	17.24	178	489051	4.094	ng	100
24) Anthracene	17.34	178	466686	4.103	ng	100
26) Fluoranthene	19.26	202	611256	3.553	ng	99
28) Pyrene	19.61	202	617220	3.301	ng	99
30) Benzo(a)anthracene	21.34	228	658309	3.595	ng	99
31) Chrysene	21.40	228	640722	3.543	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	1214747	2.888	ng	# 94
33) Indeno(1,2,3-cd)pyrene	26.46	276	767988	3.896	ng	98
35) Benzo(b)fluoranthene	23.08	252	657803	3.806	ng	98
36) Benzo(k)fluoranthene	23.13	252	709906	3.918	ng	97
37) Benzo(a)pyrene	23.72	252	615613	3.667	ng	98
38) Dibenzo(a,h)anthracene	26.48	278	638166	4.020	ng	98
39) Benzo(g,h,i)perylene	27.25	276	630219	3.881	ng	99

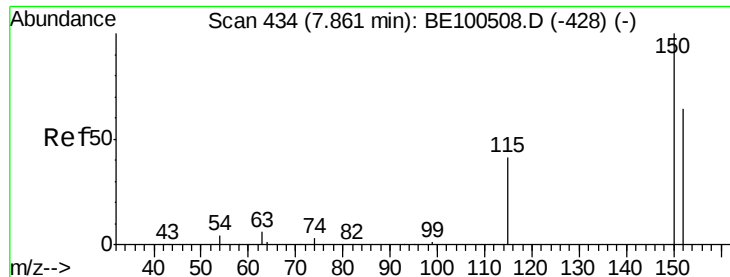
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 18 17:04:18 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

Instrument :

BNA_E

ClientSampled :

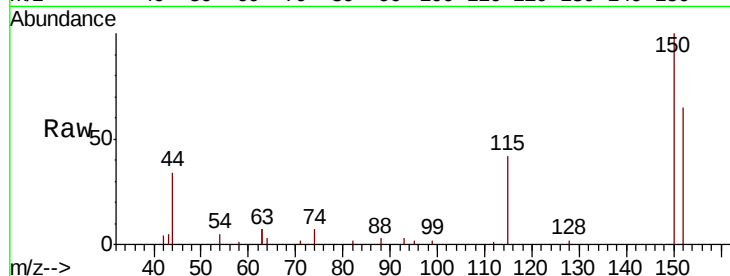
Tot Ion:152 Resp: 8003

Ion Ratio Lower Upper

152 100

150 154.7 124.1 186.1

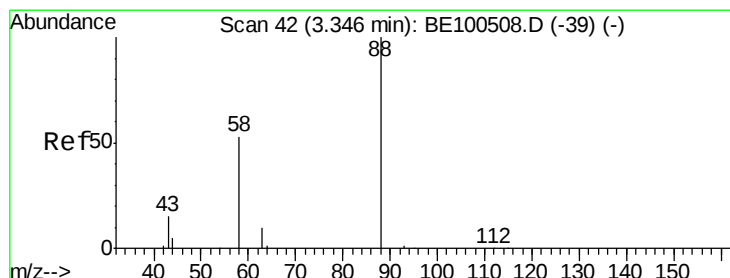
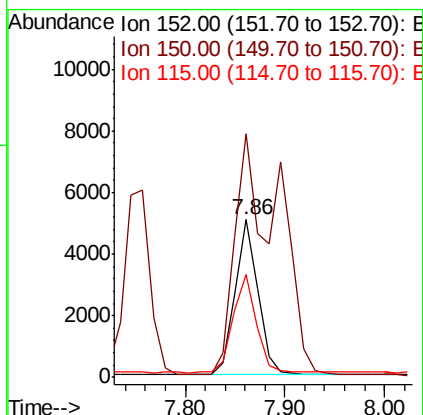
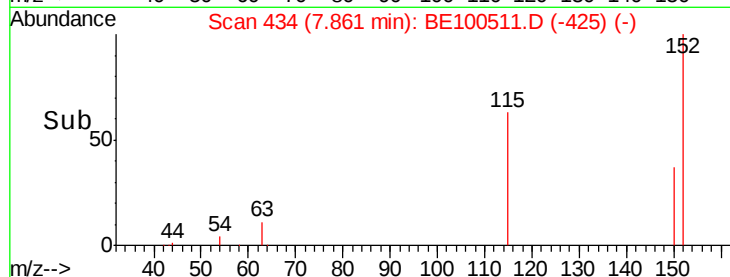
115 65.1 53.0 79.6



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: 3.457 ng

RT: 3.33 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

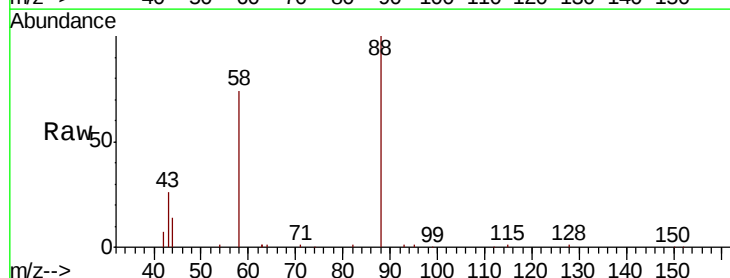
Tgt Ion: 88 Resp: 41584

Ion Ratio Lower Upper

88 100

58 71.6 56.2 84.2

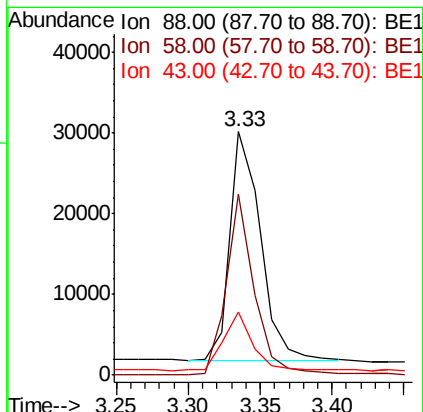
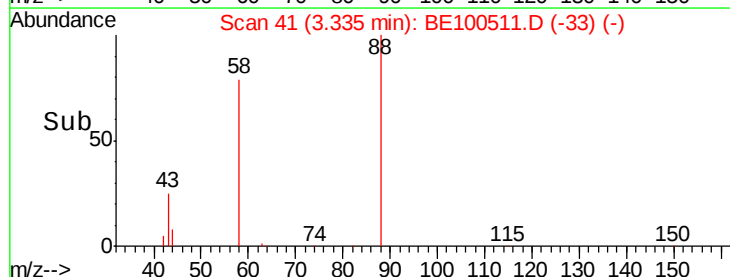
43 23.9 19.2 28.8

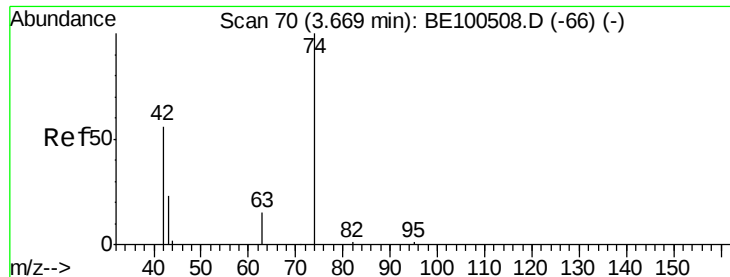


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1



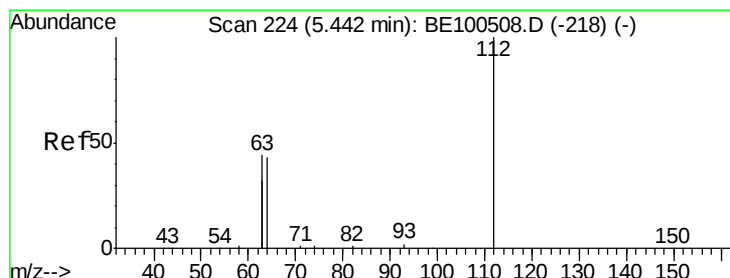
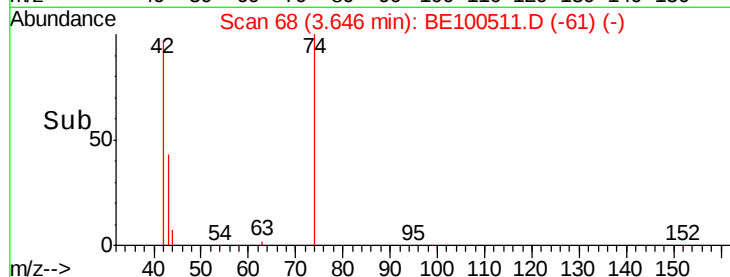
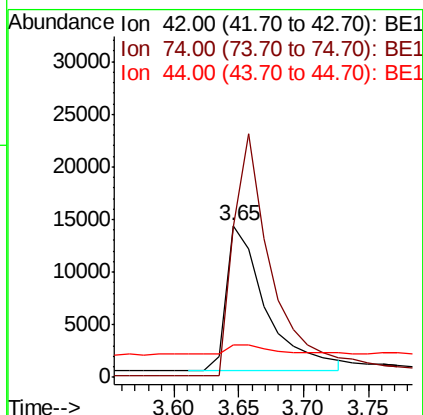
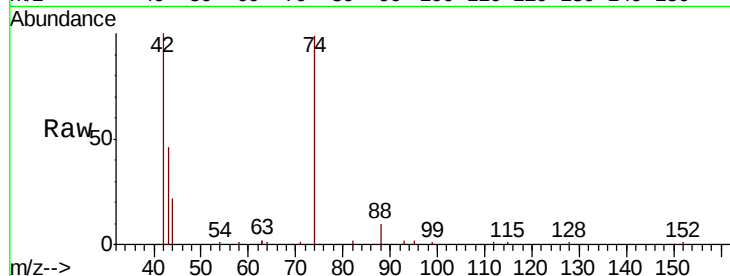


#3

n-Nitrosodimethylamine
 Concen: 4.019 ng
 RT: 3.65 min Scan# 68
 Delta R.T. -0.02 min
 Lab File: BE100511.D
 Acq: 18 Sep 2019 17:33

Instrument :
 BNA_E
 ClientSampleId :

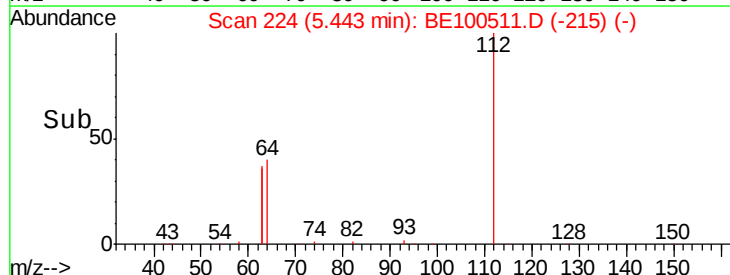
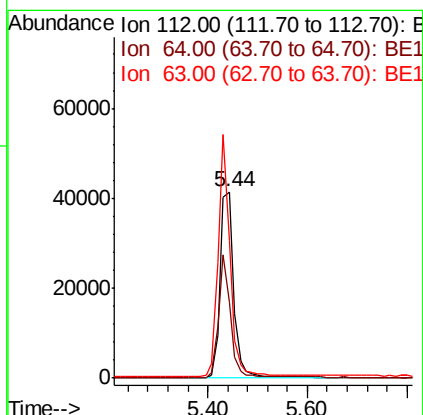
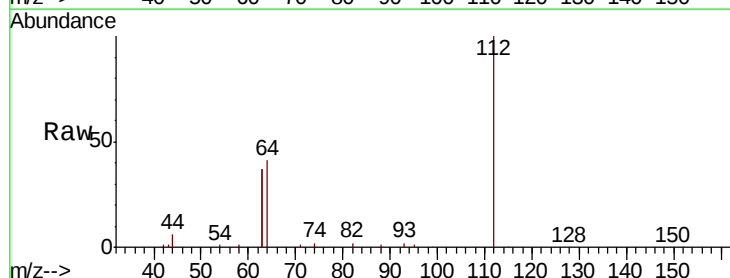
Tot Ion: 42 Resp: 29438
 Ion Ratio Lower Upper
 42 100
 74 162.1 127.2 190.8
 44 7.2 18.2 27.4#

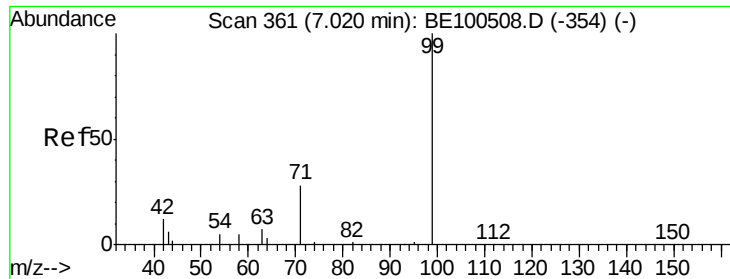


#4

2-Fluorophenol
 Concen: 4.071 ng
 RT: 5.44 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BE100511.D
 Acq: 18 Sep 2019 17:33

Tgt Ion: 112 Resp: 79475
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.2 69.2
 63 111.6 88.2 132.4





#5

Phenol-d6

Concen: 3.875 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.00 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

Instrument :

BNA_E

ClientSampleId :

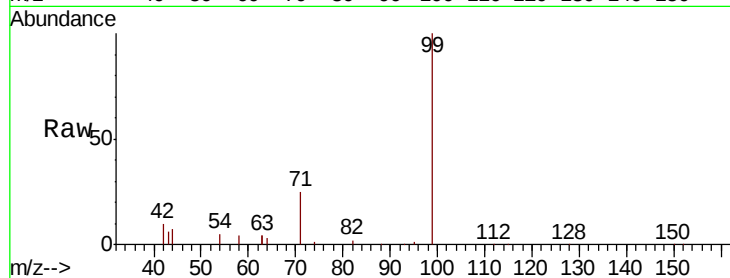
Tot Ion: 99 Resp: 108076

Ion Ratio Lower Upper

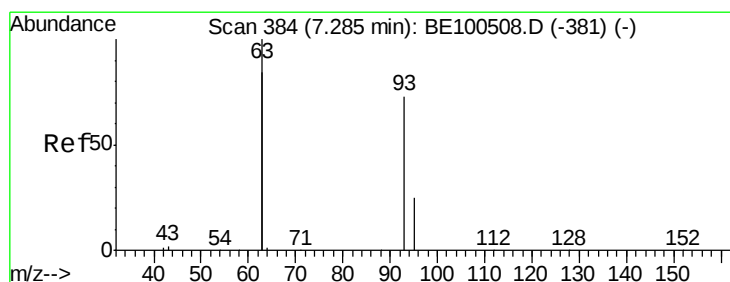
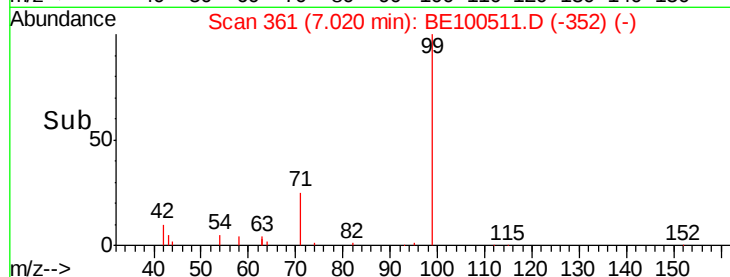
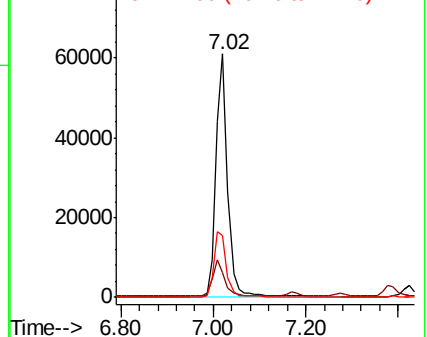
99 100

42 15.4 12.0 18.0

71 29.4 22.7 34.1



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: 4.135 ng

RT: 7.27 min Scan# 383

Delta R.T. -0.01 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

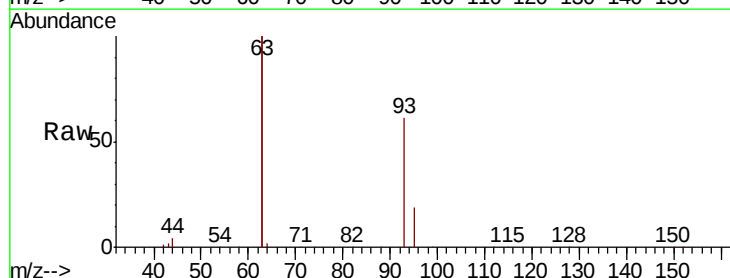
Tgt Ion: 93 Resp: 98944

Ion Ratio Lower Upper

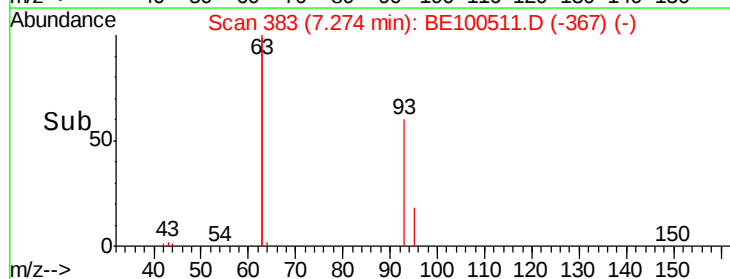
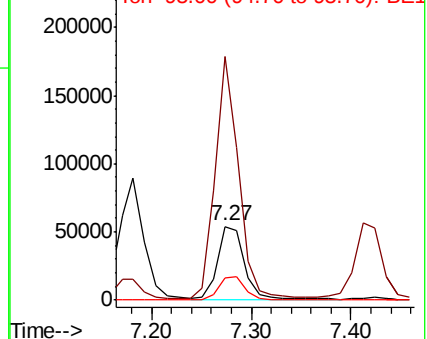
93 100

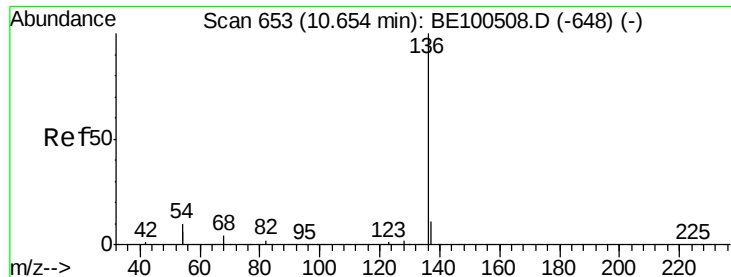
63 292.6 228.3 342.5

95 31.7 24.6 36.8



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: BE100511.D

Acq: 18 Sep 2019 17:33

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 38620

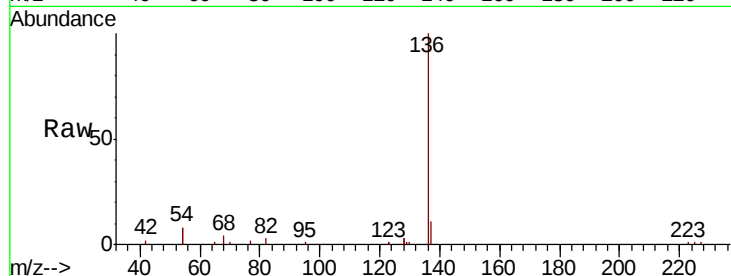
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 16.3 15.4 23.0

68 4.2 4.0 6.0

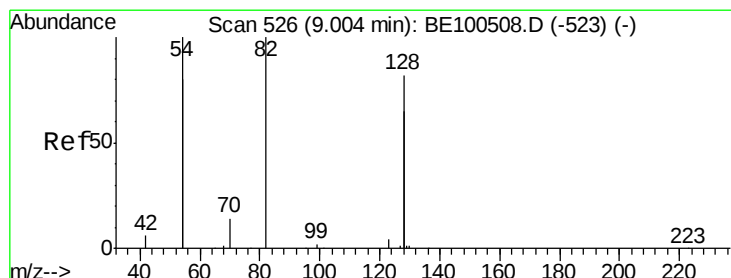
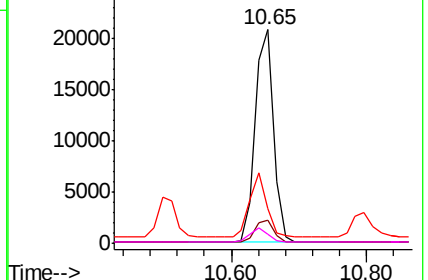
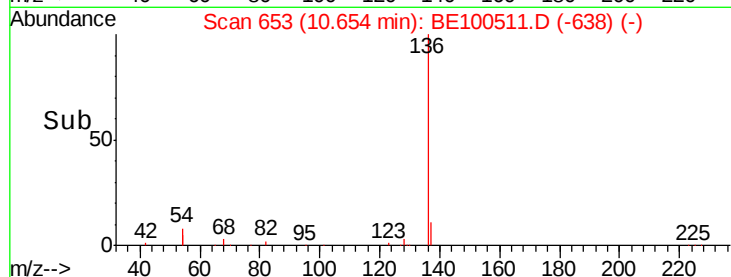


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.437 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.00 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

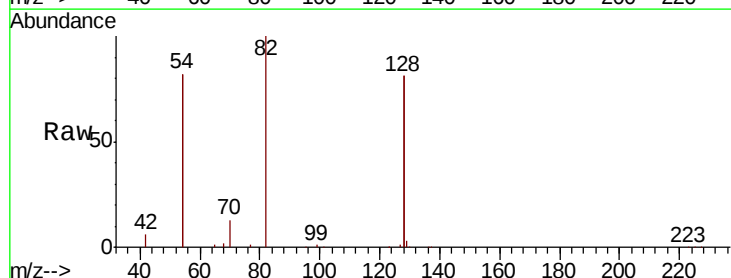
Tgt Ion: 82 Resp: 78244

Ion Ratio Lower Upper

82 100

128 162.0 124.6 186.8

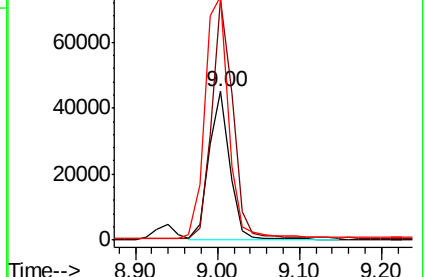
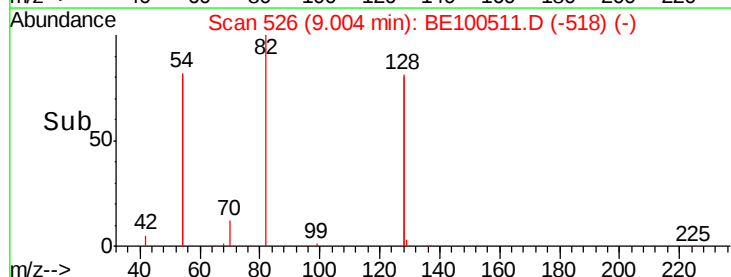
54 163.6 151.8 227.8

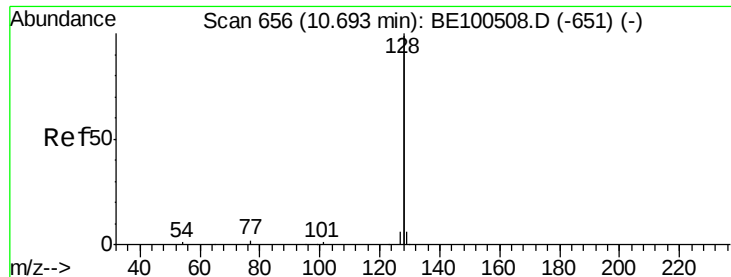


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 3.751 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

Instrument :

BNA_E

ClientSampleId :

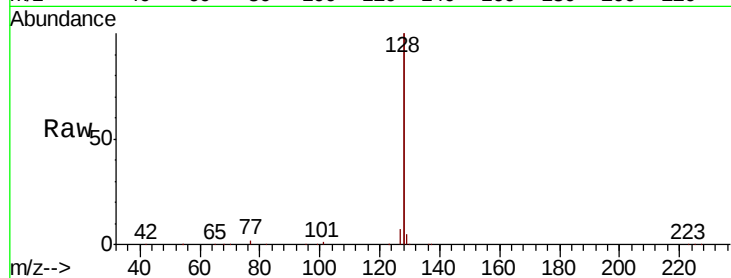
Tot Ion:128 Resp: 1391786

Ion Ratio Lower Upper

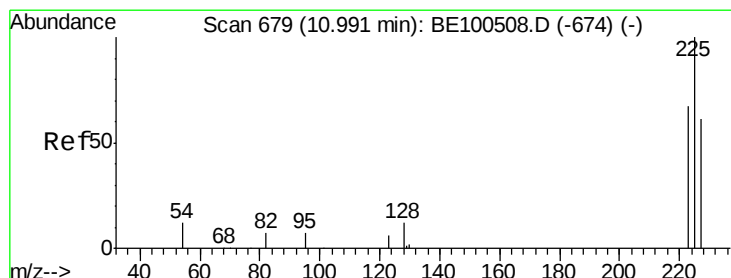
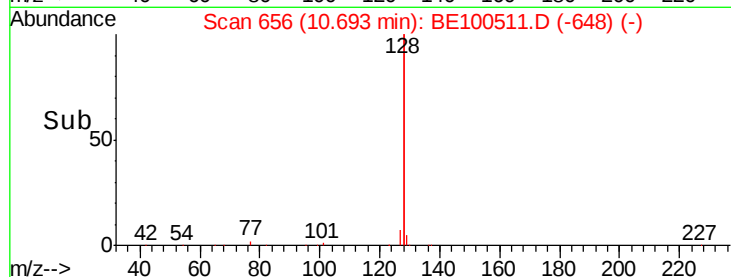
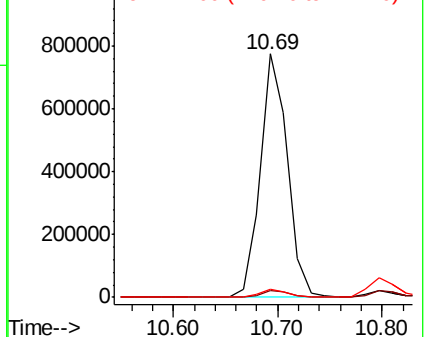
128 100

129 2.7 2.3 3.5

127 3.3 2.6 4.0



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: 2.408 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

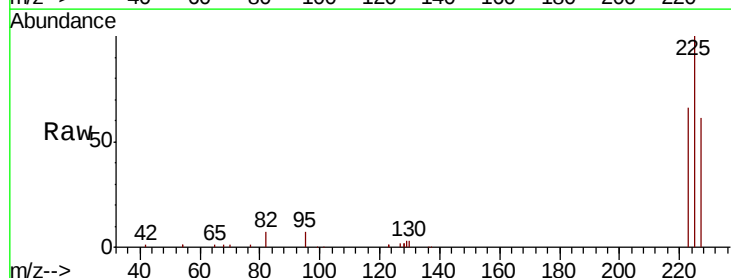
Tgt Ion:225 Resp: 42699

Ion Ratio Lower Upper

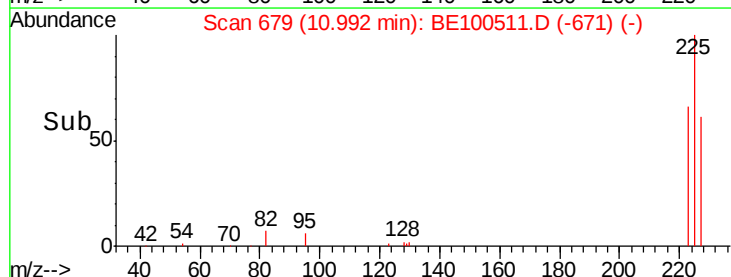
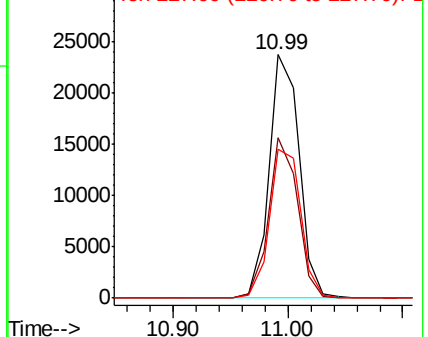
225 100

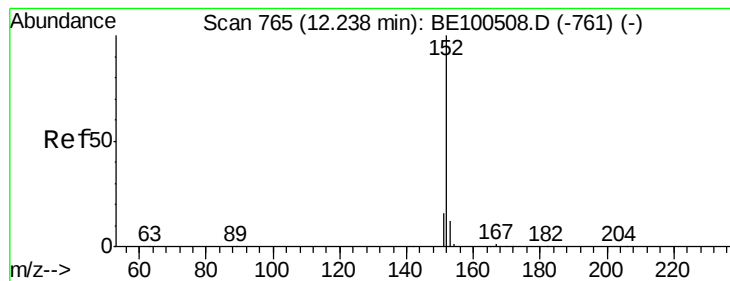
223 63.7 51.0 76.6

227 63.7 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

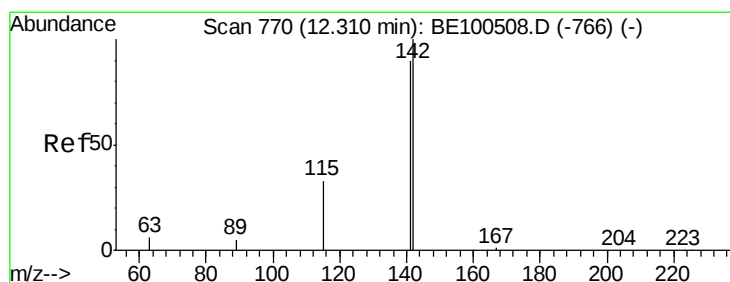
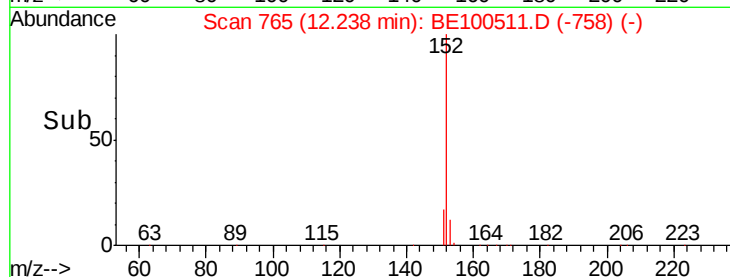
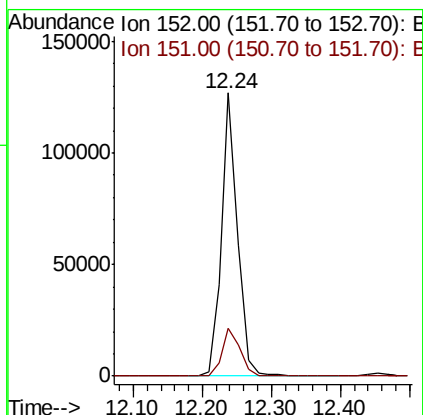
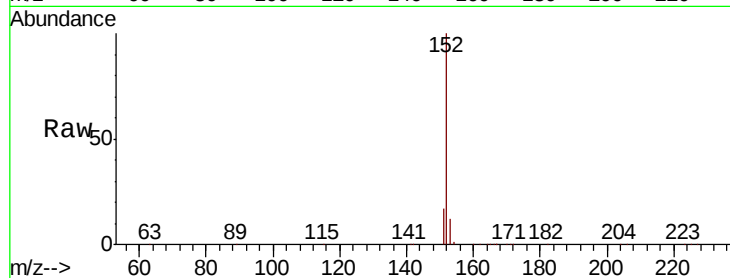




#11
 2-Methylnaphthalene-d10
 Concen: 3.225 ng
 RT: 12.24 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BE100511.D
 Acq: 18 Sep 2019 17:33

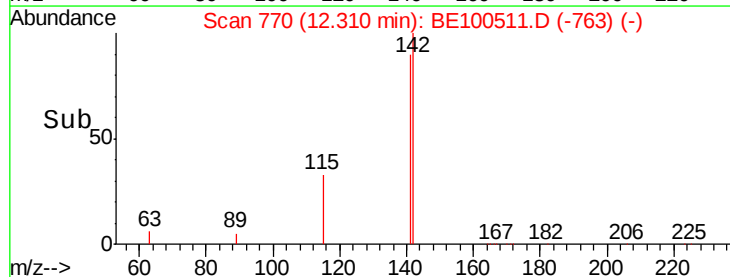
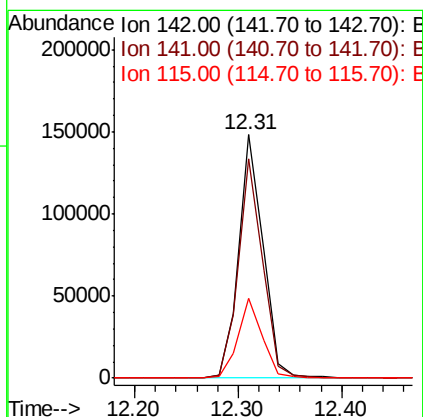
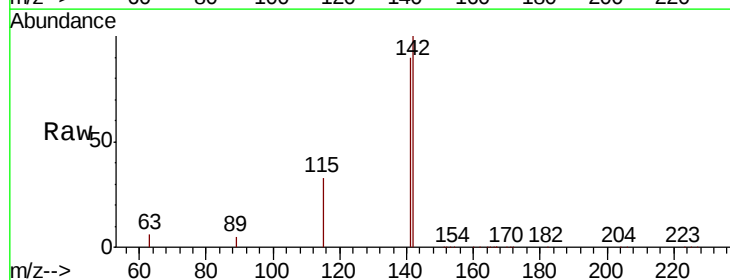
Instrument :
 BNA_E
 ClientSampleId :

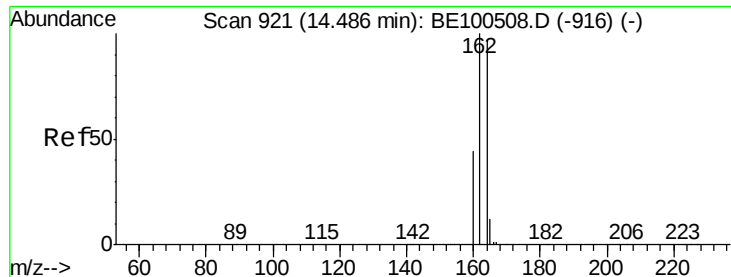
Tot Ion:152 Resp: 206322
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 3.576 ng
 RT: 12.31 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BE100511.D
 Acq: 18 Sep 2019 17:33

Tgt Ion:142 Resp: 238533
 Ion Ratio Lower Upper
 142 100
 141 90.1 72.1 108.1
 115 33.0 27.4 41.2

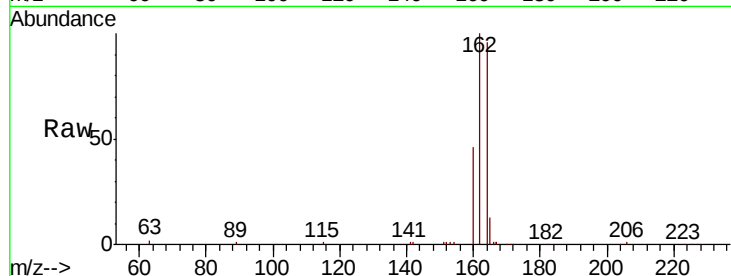




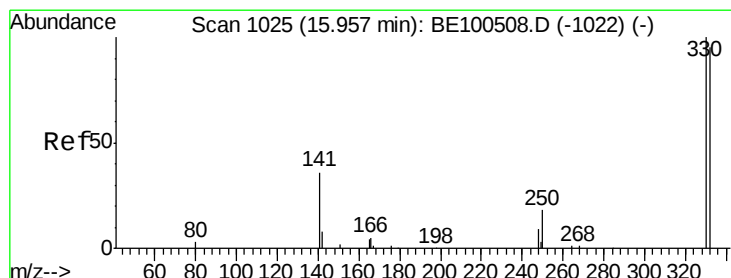
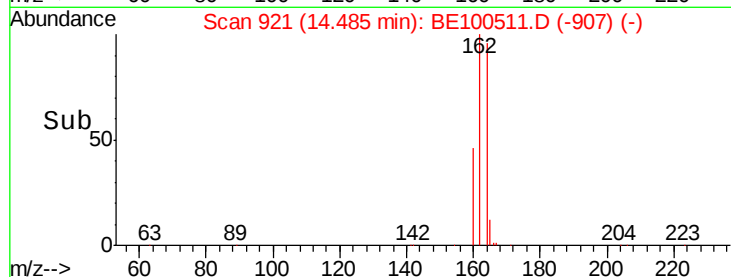
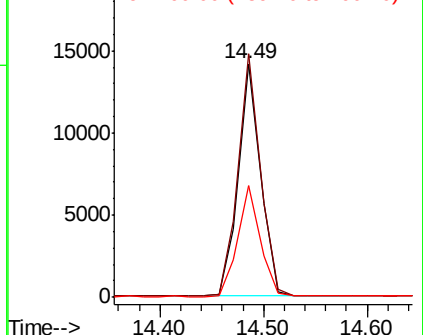
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 21159
Ion Ratio Lower Upper
164 100
162 104.1 82.8 124.2
160 47.7 36.8 55.2

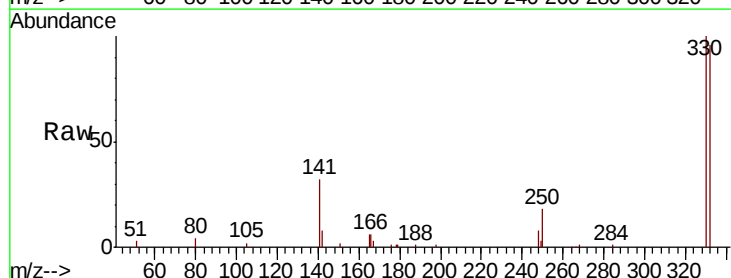


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

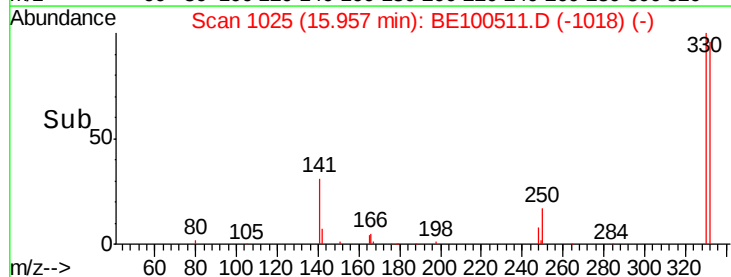
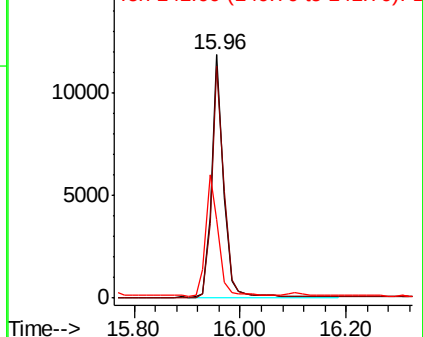


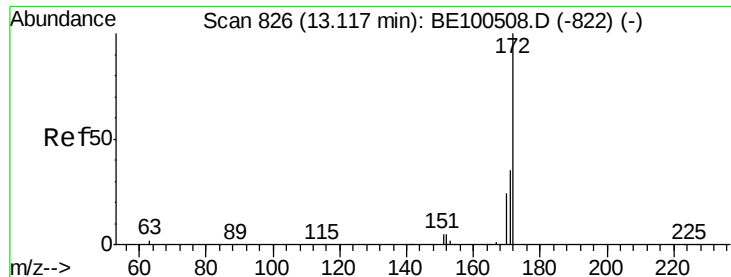
#14
2,4,6-Tribromophenol
Concen: 1.979 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:330 Resp: 18160
Ion Ratio Lower Upper
330 100
332 97.5 80.2 120.2
141 53.6 43.7 65.5



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

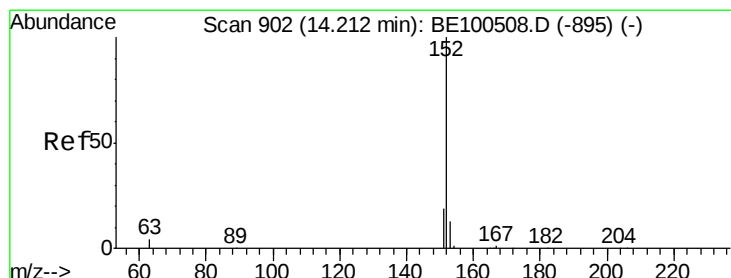
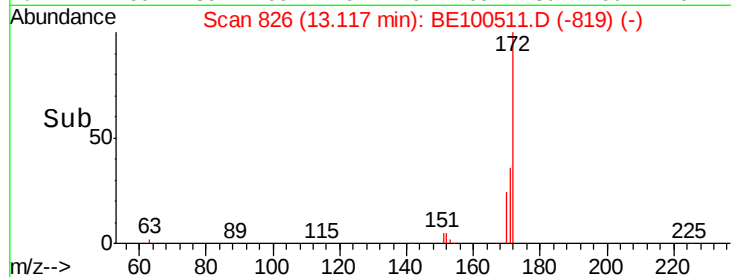
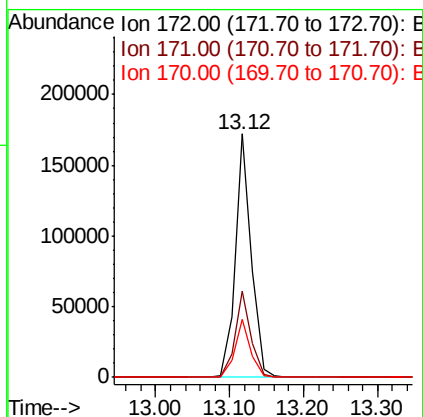
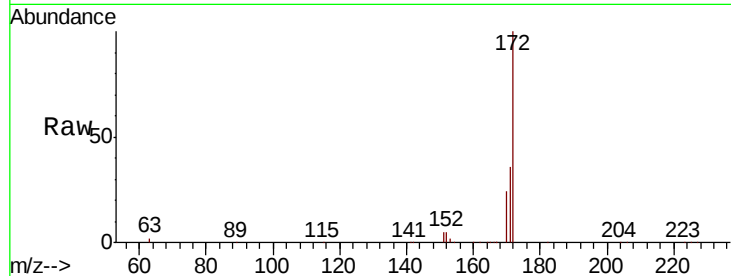




#15
2-Fluorobiphenyl
Concen: 2.999 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

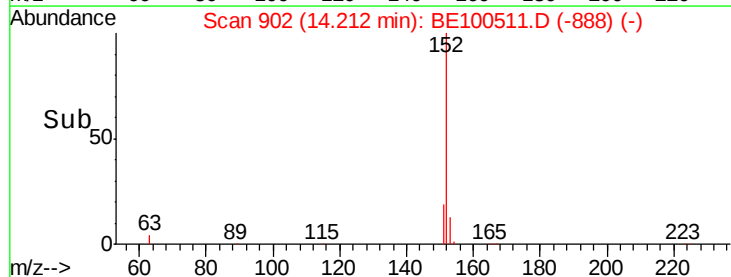
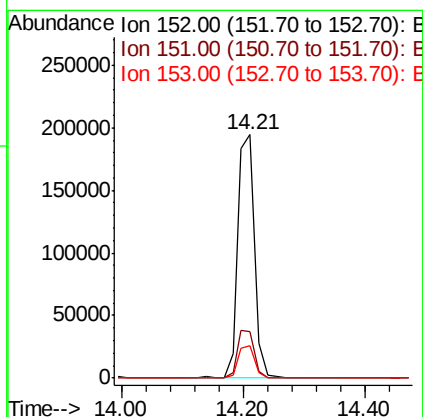
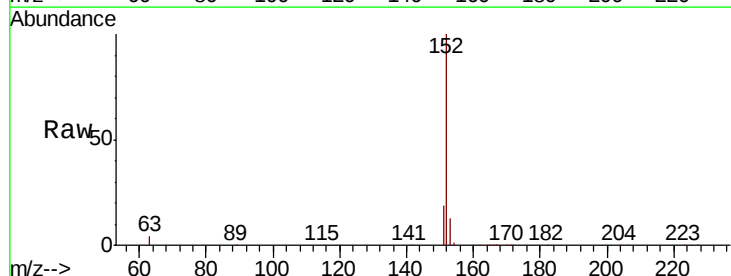
Instrument :
BNA_E
ClientSampleId :

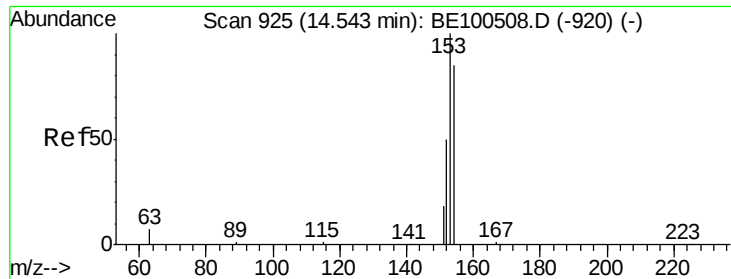
Tot Ion:172 Resp: 258021
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.8 19.2 28.8



#16
Acenaphthylene
Concen: 3.821 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:152 Resp: 373808
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.1 10.2 15.2

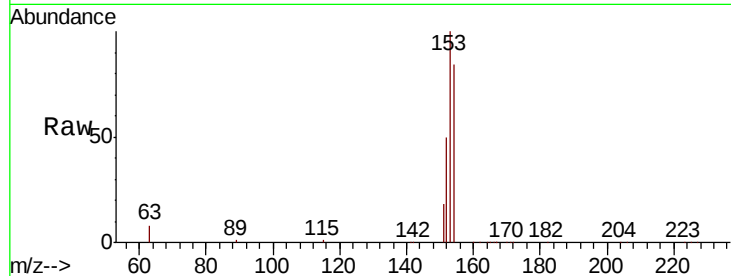




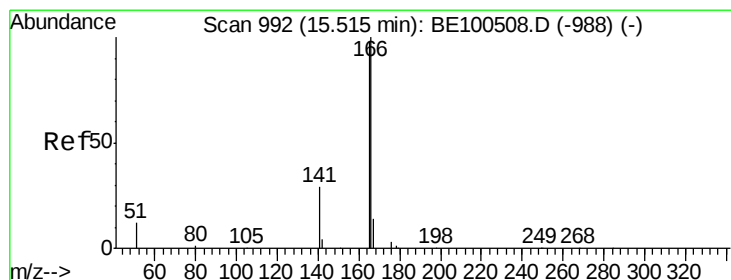
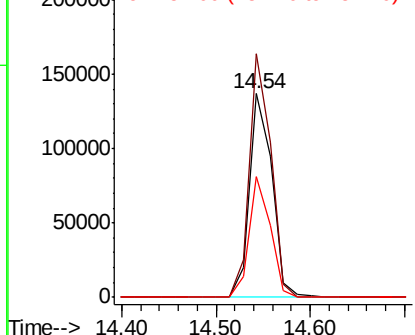
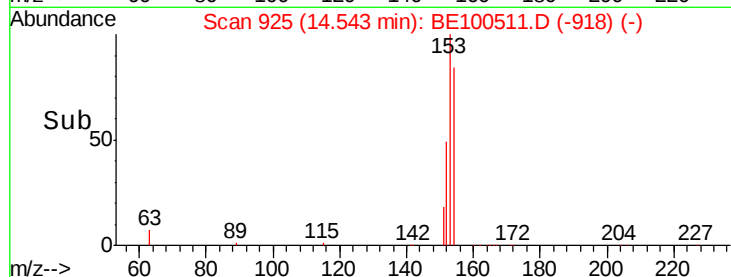
#17
Acenaphthene
Concen: 3.893 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.5	137.3
152	55.9	44.9	67.3

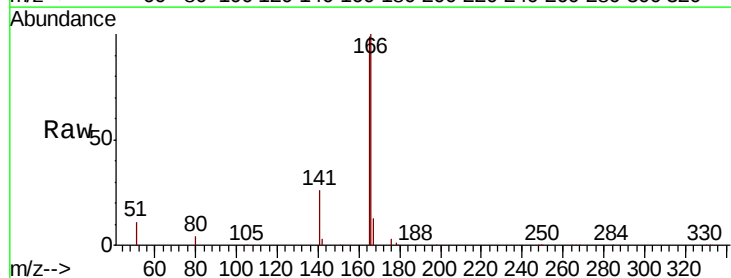


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

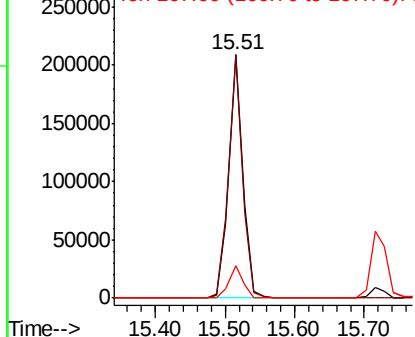
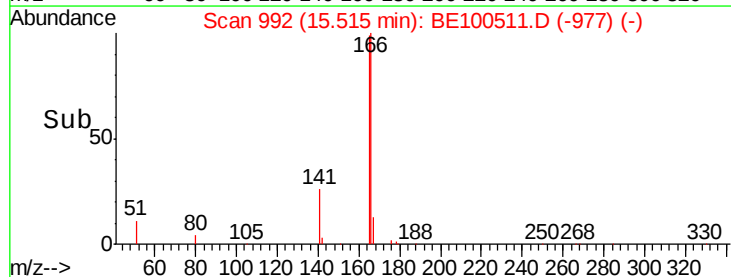


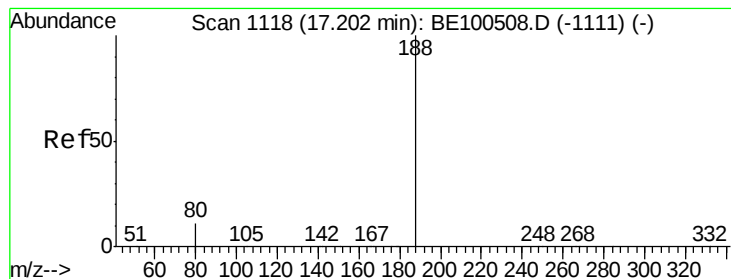
#18
Fluorene
Concen: 3.719 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.9	118.3
167	13.4	10.9	16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

Instrument :

BNA_E

ClientSampleId :

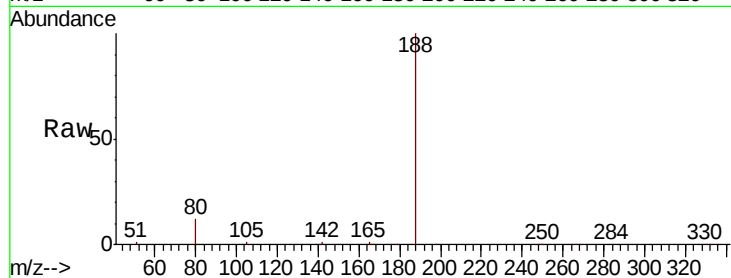
Tot Ion:188 Resp: 48743

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

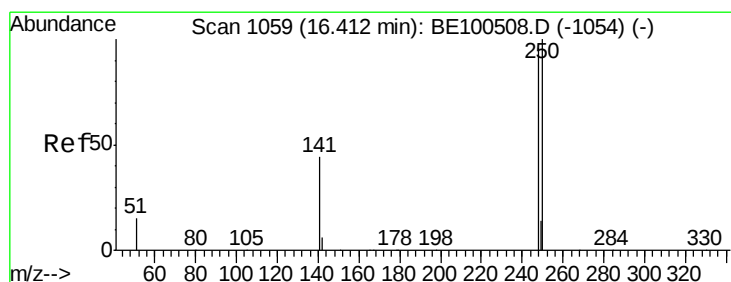
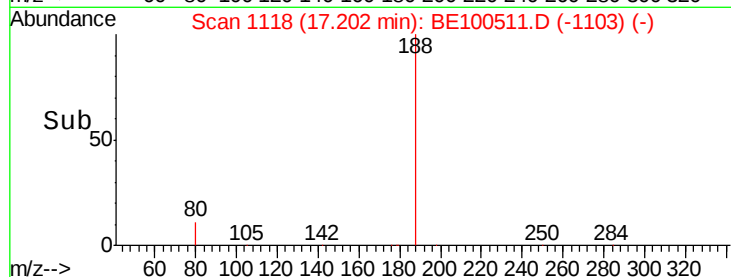
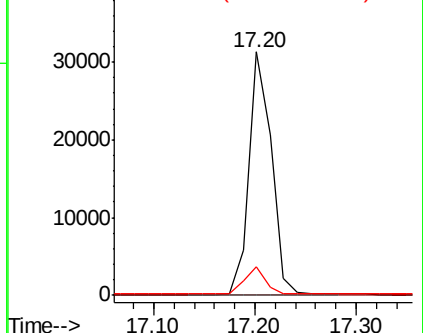
80 11.5 9.0 13.6



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: 3.629 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

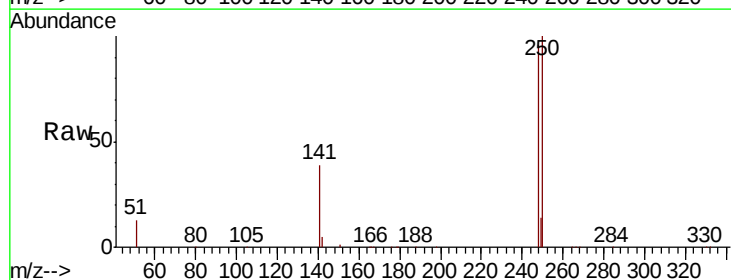
Tgt Ion:248 Resp: 84156

Ion Ratio Lower Upper

248 100

250 104.3 83.0 124.4

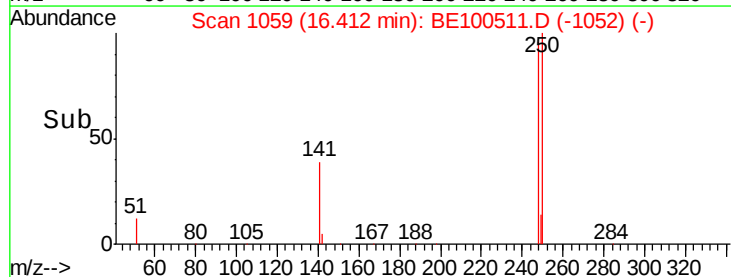
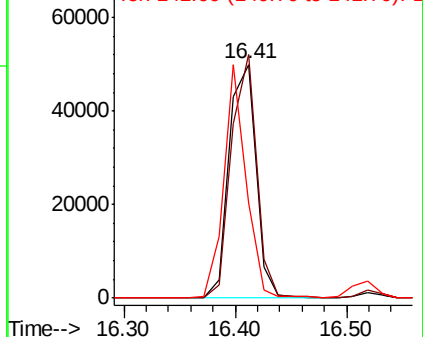
141 41.0 38.0 57.0

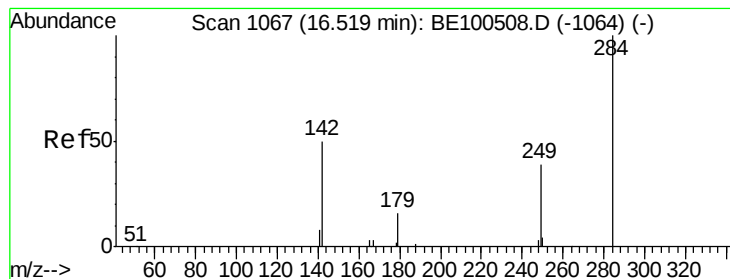


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 2.787 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

Instrument :

BNA_E

ClientSampleId :

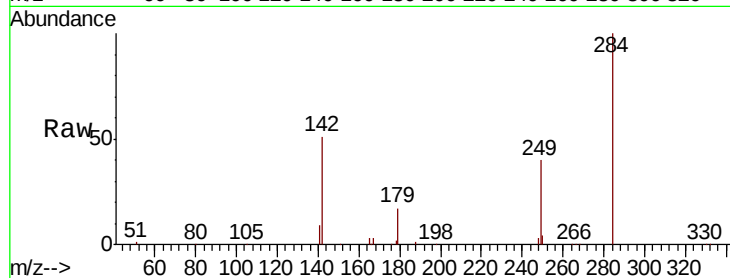
Tot Ion:284 Resp: 66520

Ion Ratio Lower Upper

284 100

142 48.4 38.2 57.4

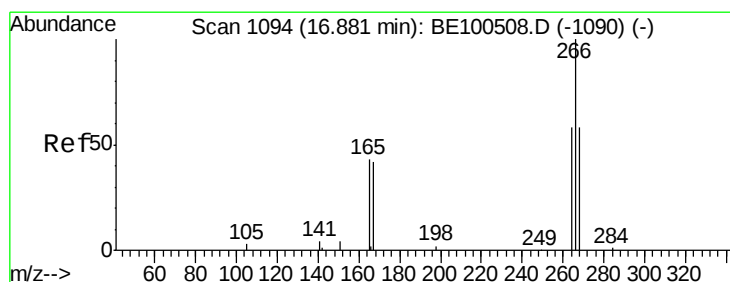
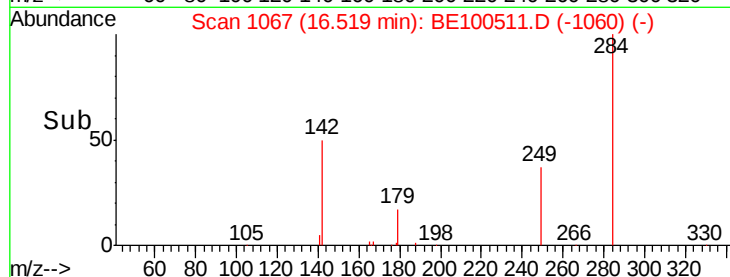
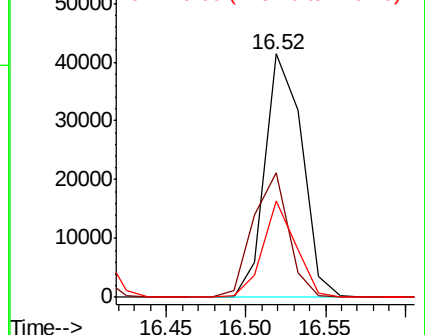
249 34.9 28.8 43.2



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: 2.379 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

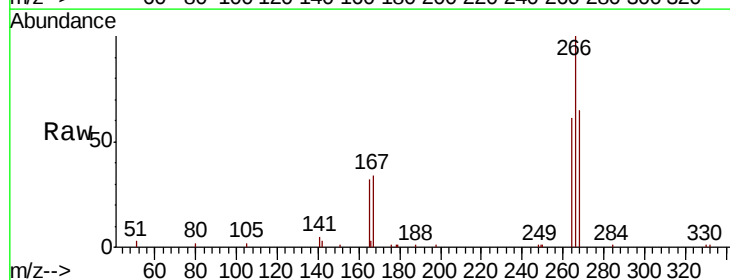
Tgt Ion:266 Resp: 23943

Ion Ratio Lower Upper

266 100

264 60.6 48.6 73.0

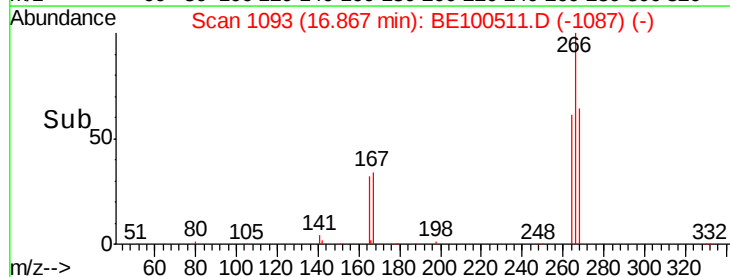
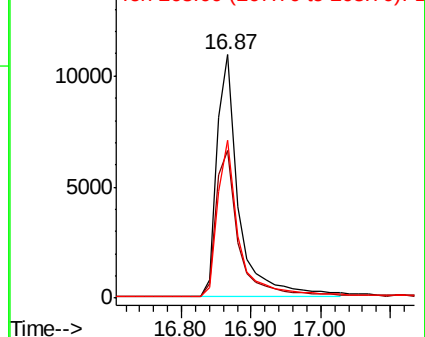
268 64.7 52.3 78.5

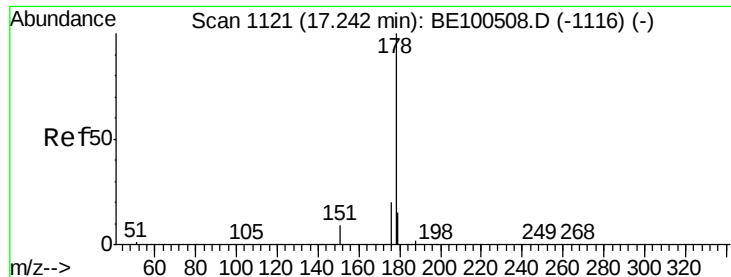


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 4.094 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

Instrument :

BNA_E

ClientSampleId :

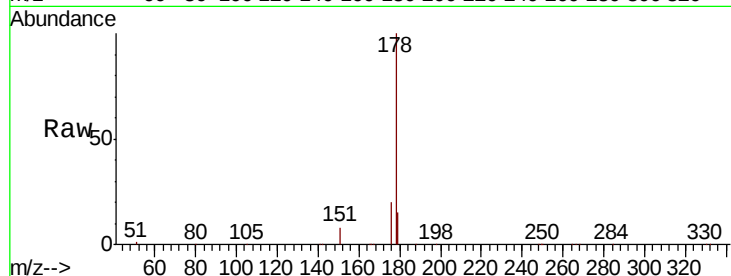
Tot Ion:178 Resp: 489051

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

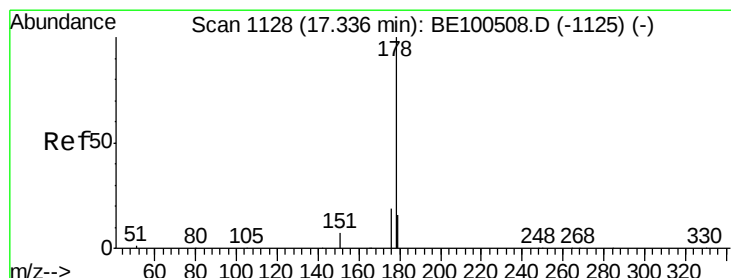
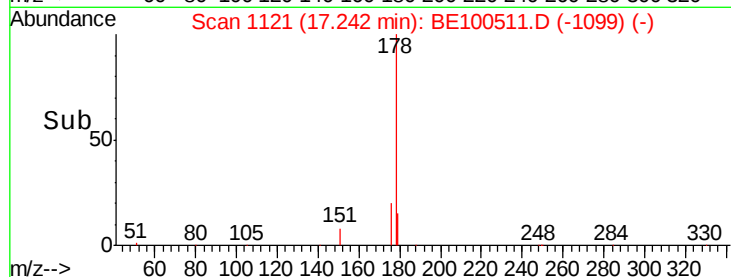
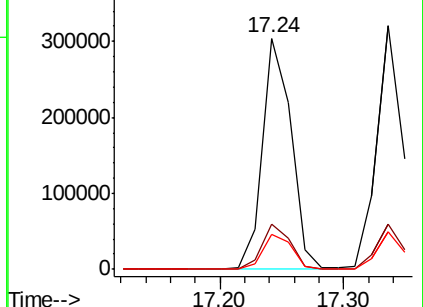
179 15.4 12.4 18.6



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: 4.103 ng

RT: 17.34 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

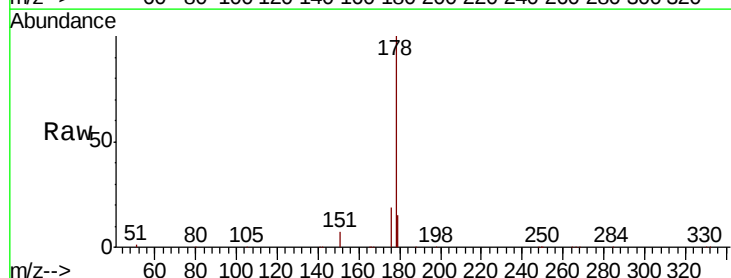
Tgt Ion:178 Resp: 466686

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

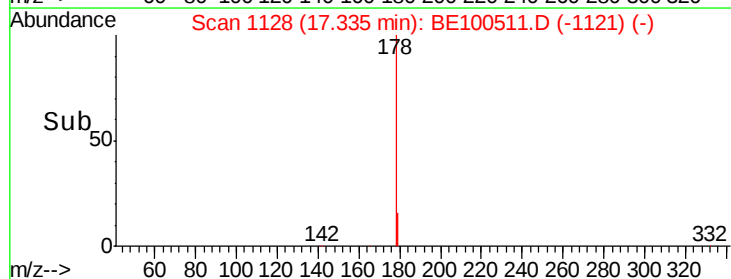
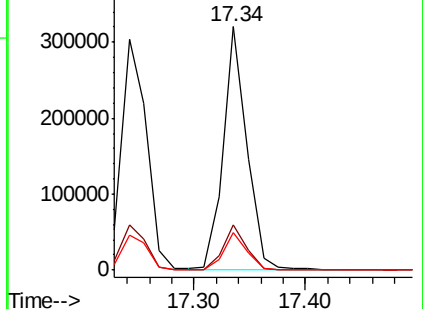
179 15.3 12.4 18.6

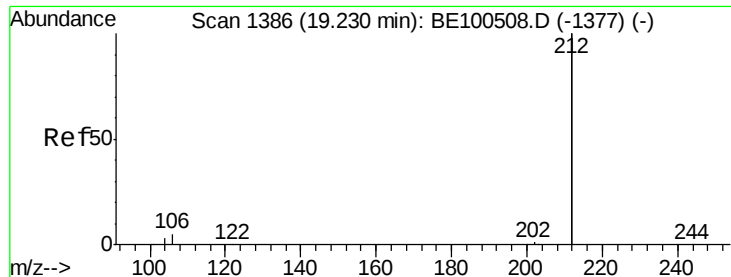


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.198 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

Instrument :

BNA_E

ClientSampleId :

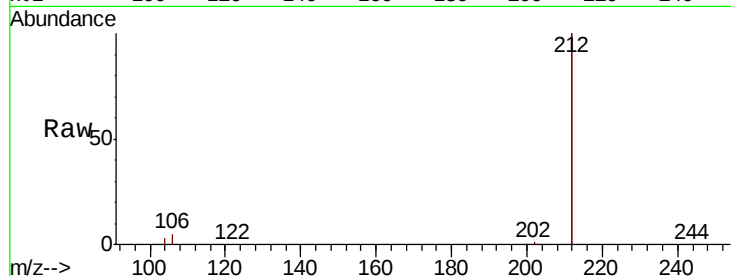
Tot Ion:212 Resp: 2134970

Ion Ratio Lower Upper

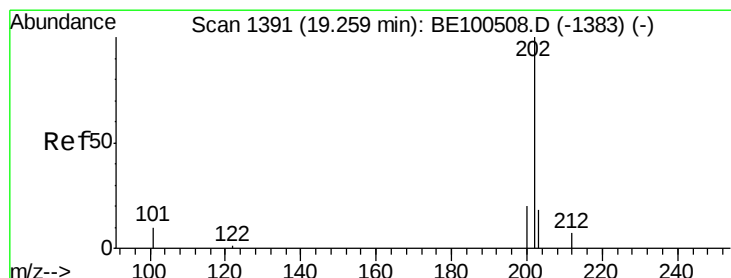
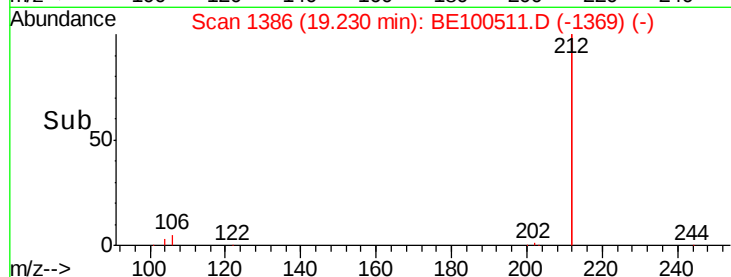
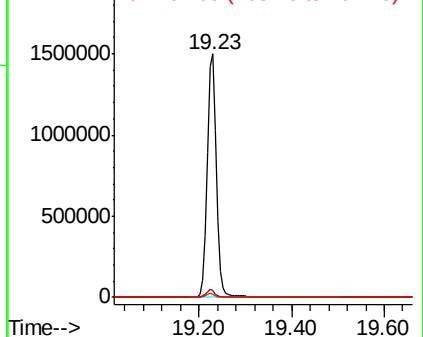
212 100

106 3.1 2.4 3.6

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: 3.553 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

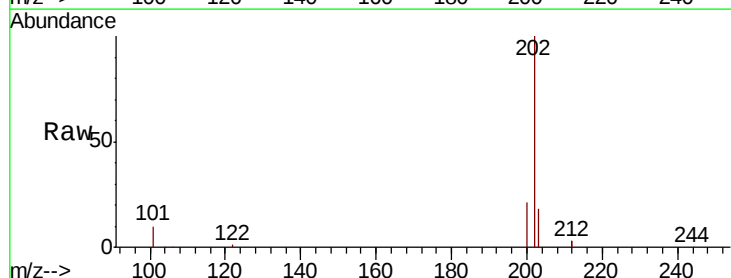
Tgt Ion:202 Resp: 611256

Ion Ratio Lower Upper

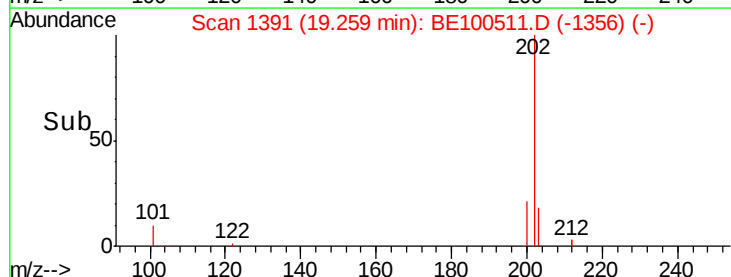
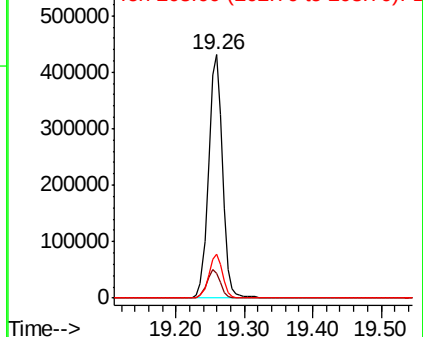
202 100

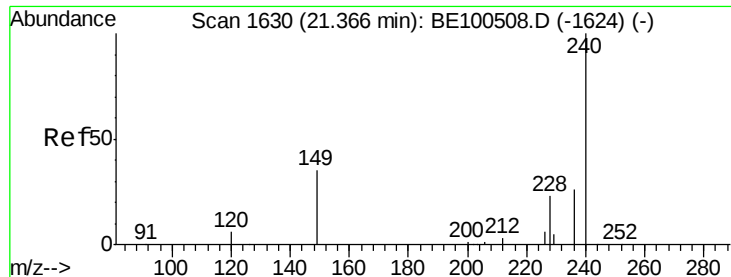
101 11.5 8.8 13.2

203 17.7 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

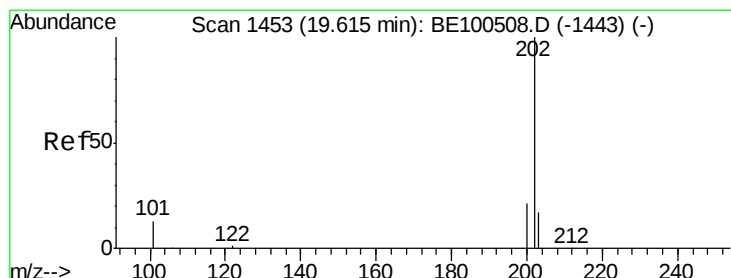
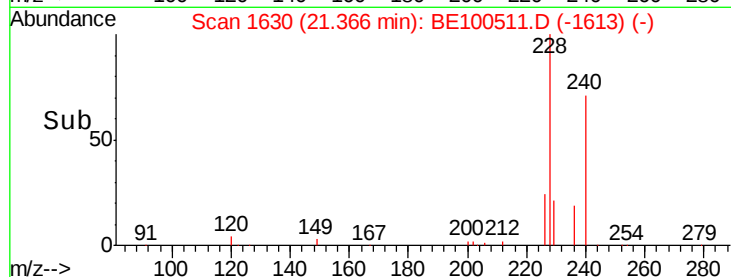
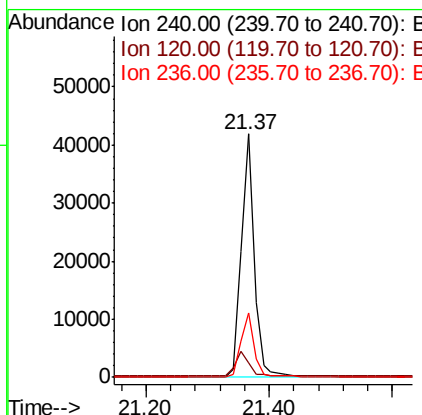
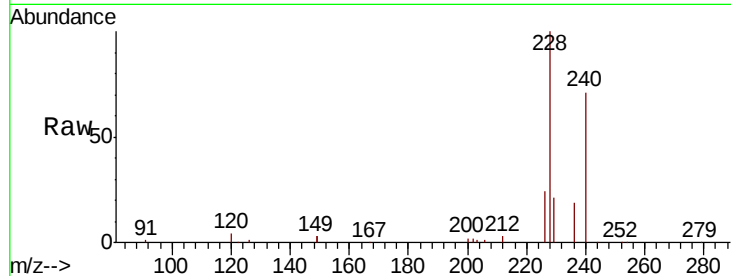




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

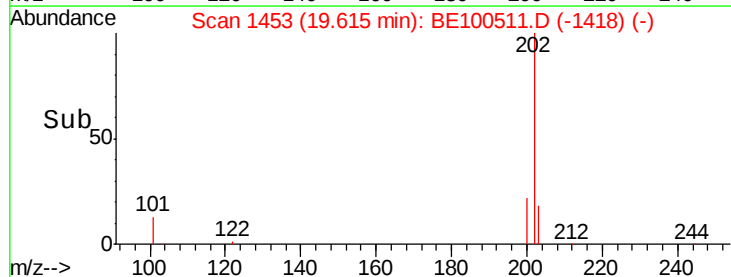
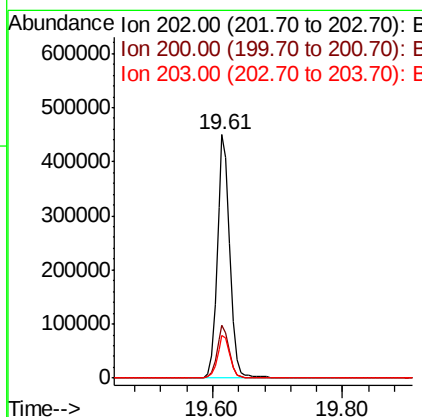
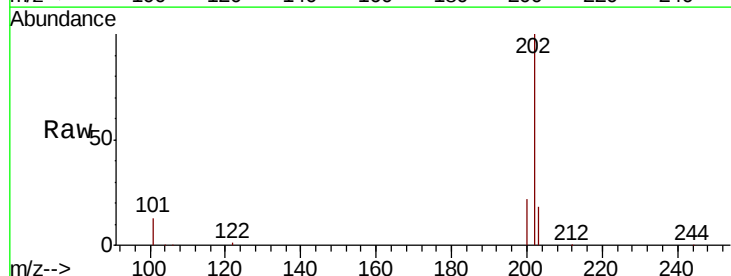
Instrument :
BNA_E
ClientSampled :

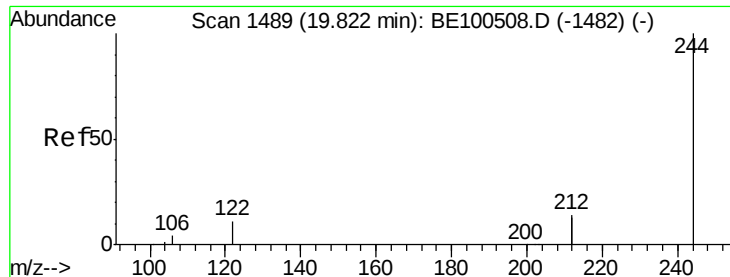
Tot Ion:240 Resp: 59990
Ion Ratio Lower Upper
240 100
120 6.0 5.1 7.7
236 26.4 20.9 31.3



#28
Pyrene
Concen: 3.301 ng
RT: 19.61 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:202 Resp: 617220
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 17.7 13.9 20.9





#29

Terphenyl-d14

Concen: 3.207 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

Instrument :

BNA_E

ClientSampleId :

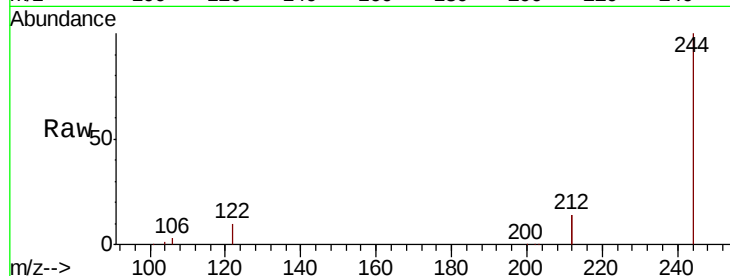
Tot Ion:244 Resp: 475024

Ion Ratio Lower Upper

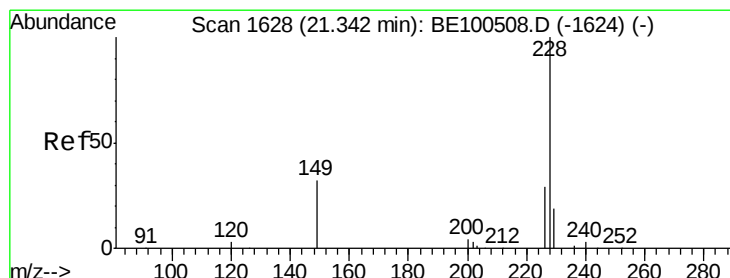
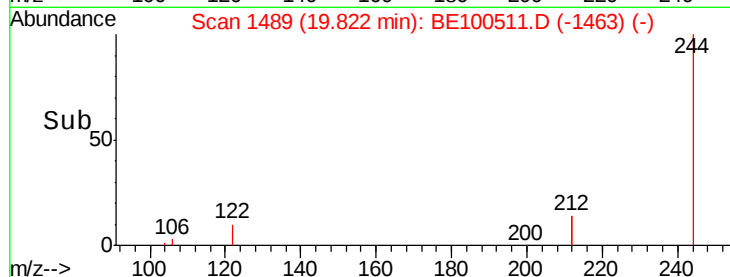
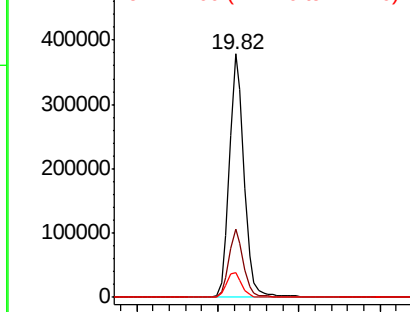
244 100

212 27.9 22.8 34.2

122 10.2 9.0 13.4



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: 3.595 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

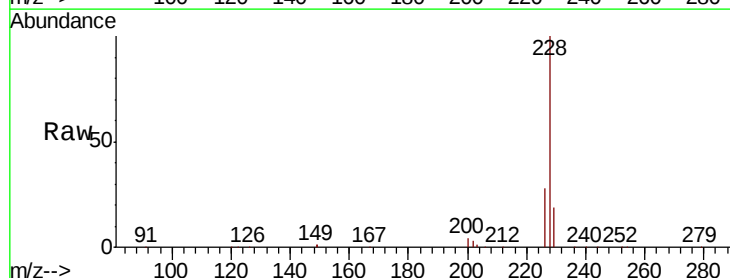
Tgt Ion:228 Resp: 658309

Ion Ratio Lower Upper

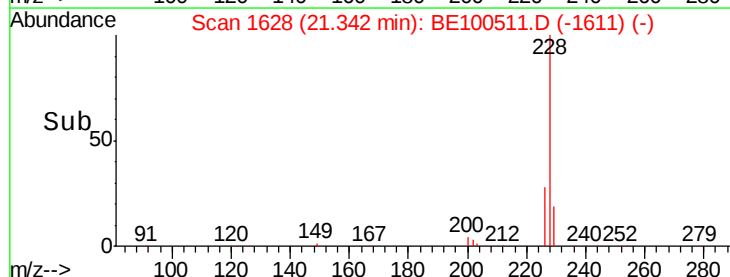
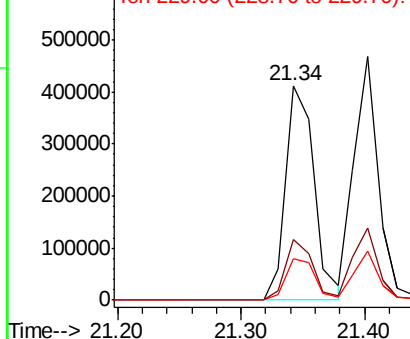
228 100

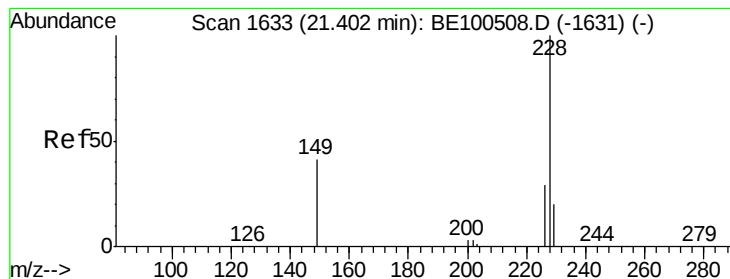
226 28.2 23.1 34.7

229 19.3 15.3 22.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.543 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

Instrument :

BNA_E

ClientSampleId :

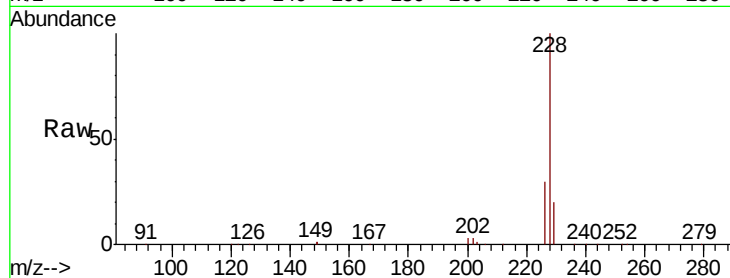
Tot Ion:228 Resp: 640722

Ion Ratio Lower Upper

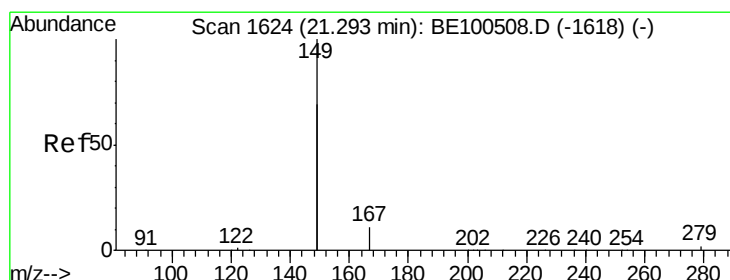
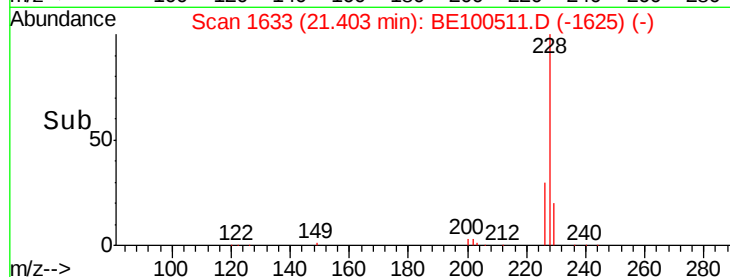
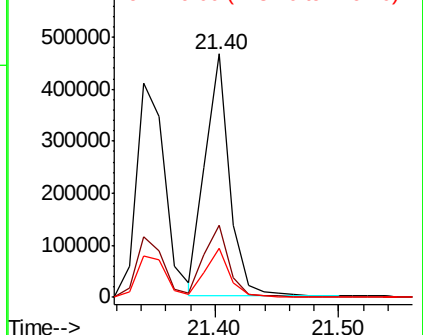
228 100

226 29.6 23.1 34.7

229 20.0 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: 2.888 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

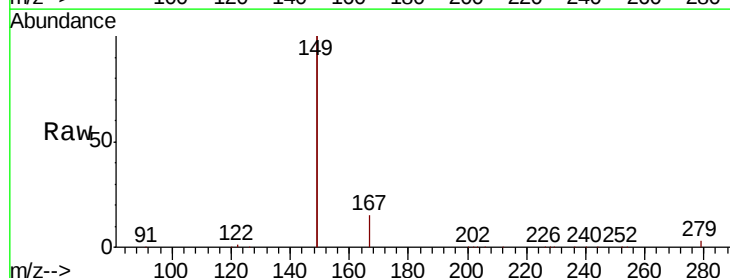
Tgt Ion:149 Resp: 1214747

Ion Ratio Lower Upper

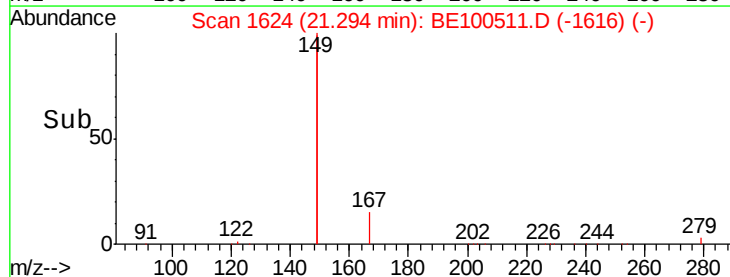
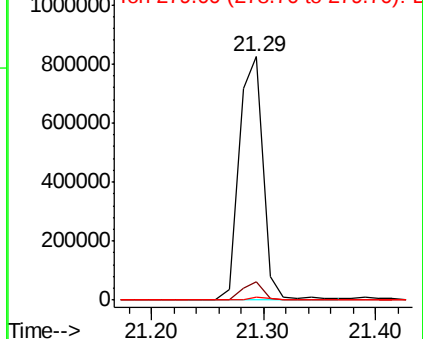
149 100

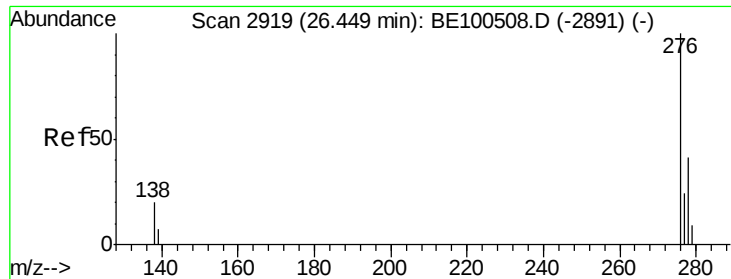
167 6.6 3.5 5.3#

279 1.1 0.6 0.8#



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

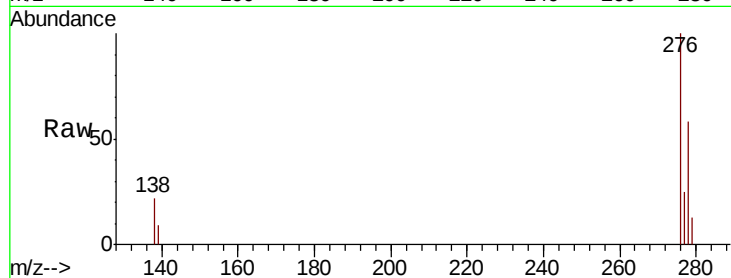




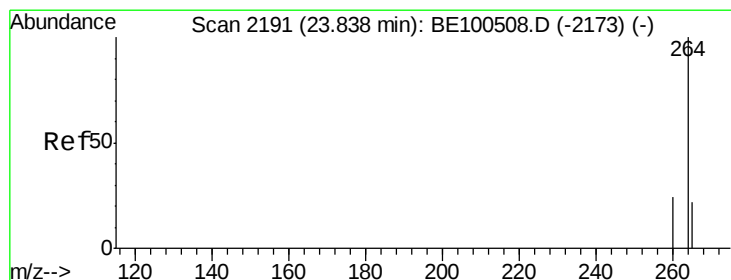
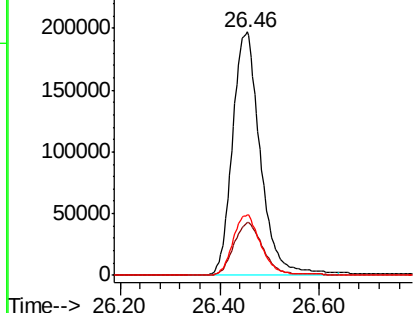
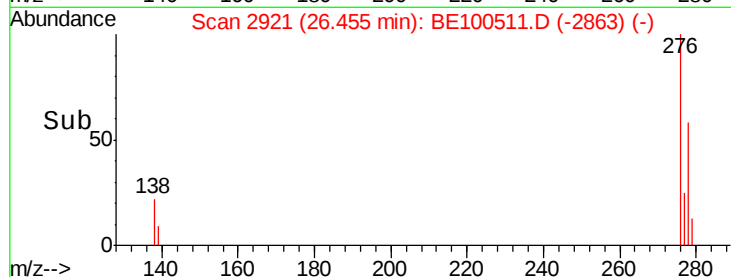
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.896 ng
RT: 26.46 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 767988
Ion Ratio Lower Upper
276 100
138 22.9 17.8 26.8
277 25.2 19.0 28.6

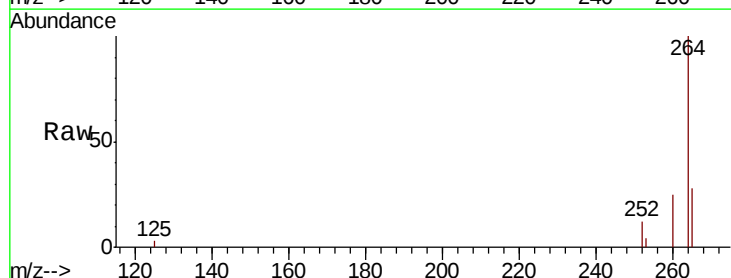


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

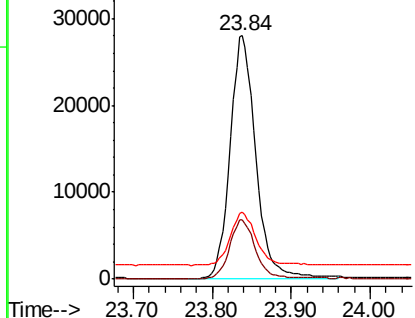
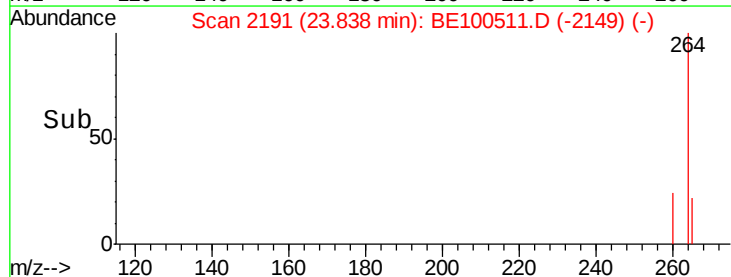


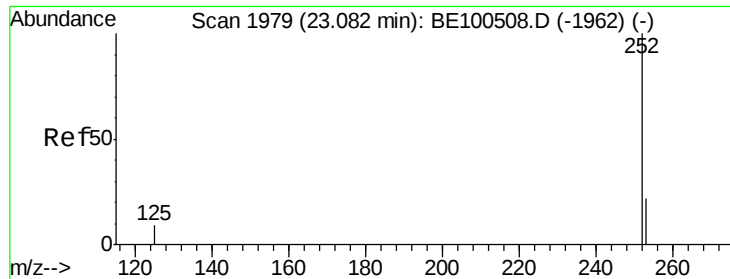
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:264 Resp: 63111
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.0
265 27.7 23.0 34.4



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

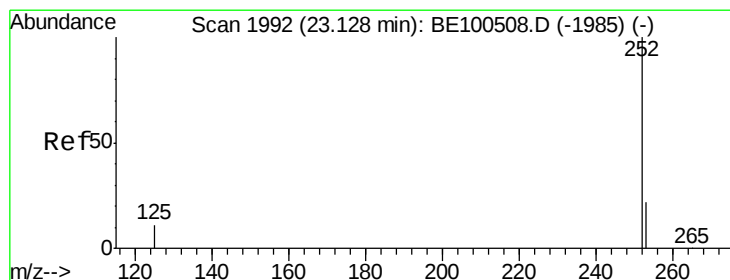
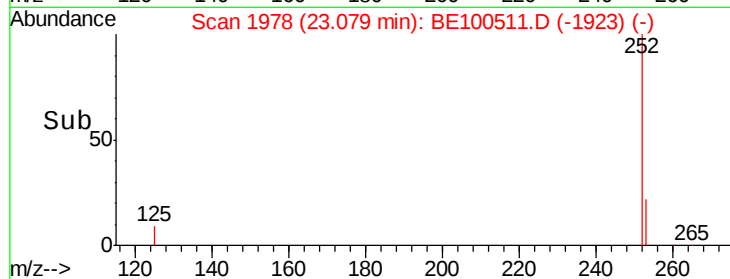
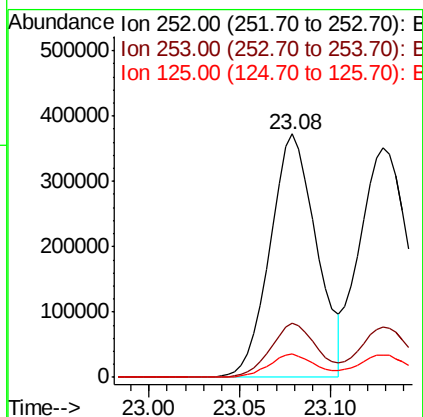
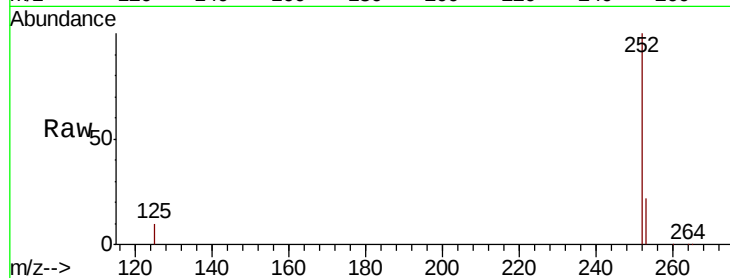




#35
Benzo(b)fluoranthene
Concen: 3.806 ng
RT: 23.08 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

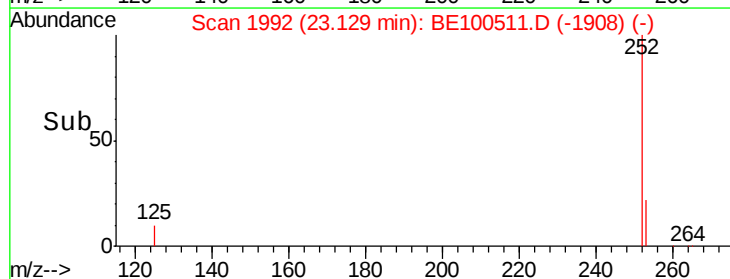
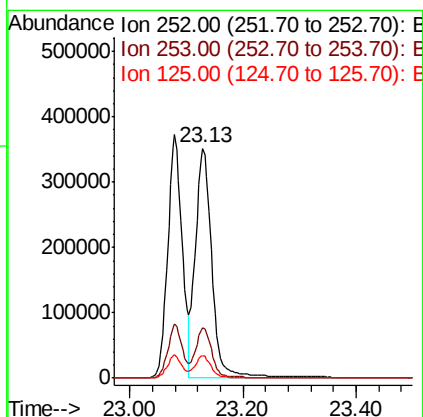
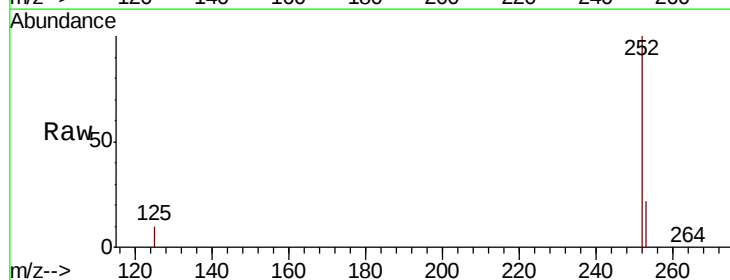
Instrument :
BNA_E
ClientSampleId :

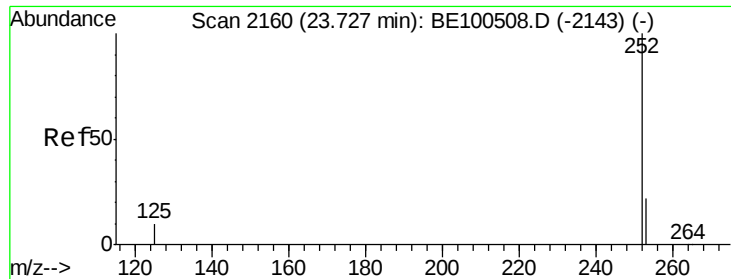
Tot Ion:252 Resp: 657803
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 9.5 8.6 13.0



#36
Benzo(k)fluoranthene
Concen: 3.918 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:252 Resp: 709906
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 9.8 9.3 13.9





#37

Benzo(a)pyrene

Concen: 3.667 ng

RT: 23.72 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

Instrument :

BNA_E

ClientSampleId :

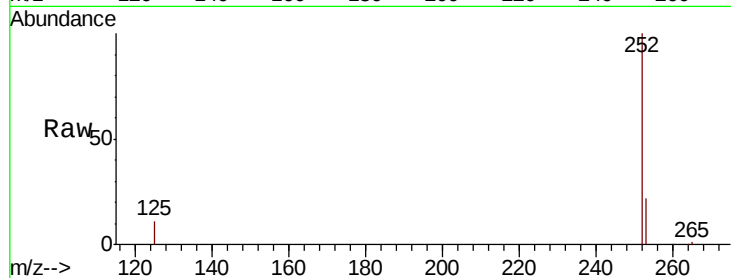
Tot Ion:252 Resp: 615613

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

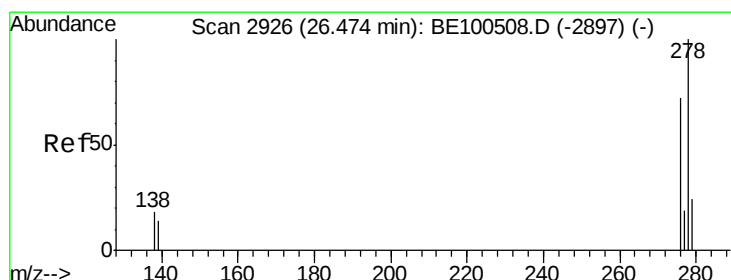
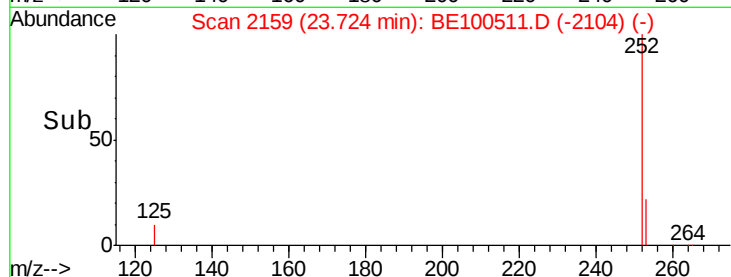
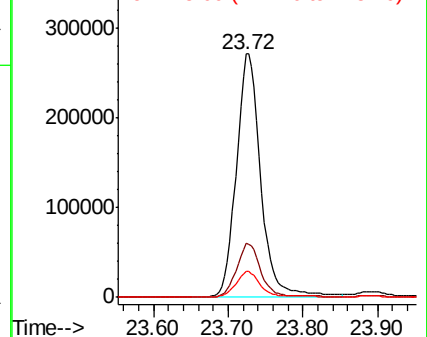
125 10.5 9.7 14.5



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: 4.020 ng

RT: 26.48 min Scan# 2928

Delta R.T. 0.01 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

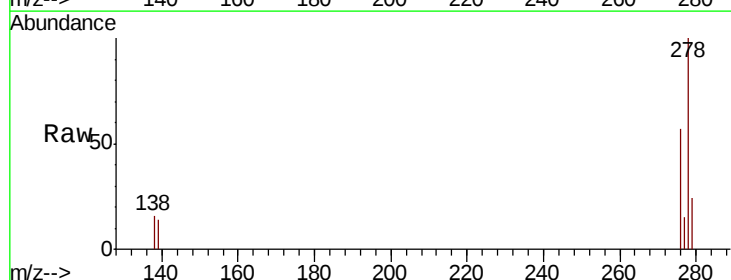
Tgt Ion:278 Resp: 638166

Ion Ratio Lower Upper

278 100

139 14.2 12.1 18.1

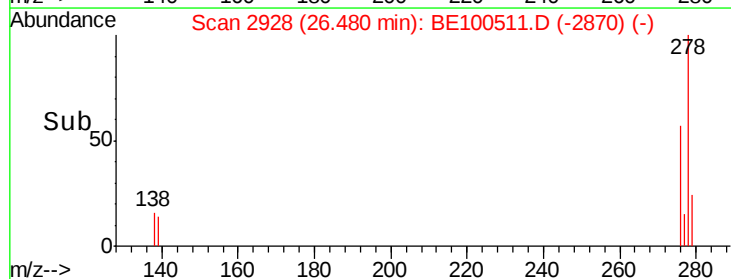
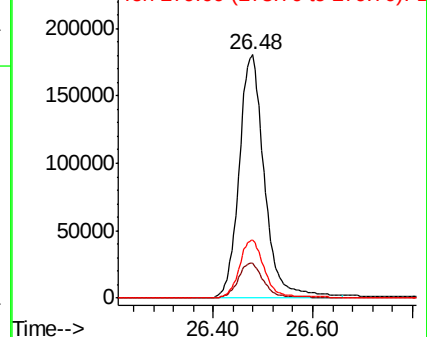
279 23.8 19.8 29.6

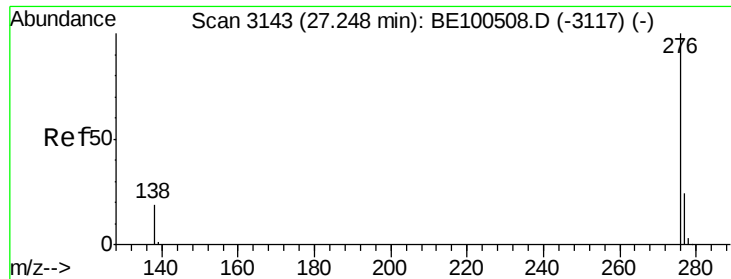


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.881 ng

RT: 27.25 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BE100511.D

Acq: 18 Sep 2019 17:33

Instrument :

BNA_E

ClientSampleId :

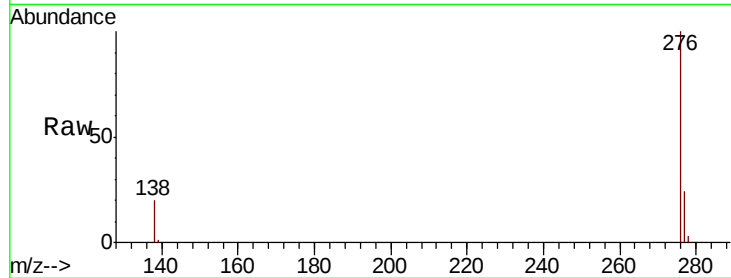
Tot Ion: 276 Resp: 630219

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 19.7 16.0 24.0



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

