

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
 Data File : BE100508.D
 Acq On : 18 Sep 2019 15:42
 Operator : HP/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 18 17:10:38 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	7452	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	33982	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	19574	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	45873	0.40	ng	0.00
27) Chrysene-d12	21.37	240	55502	0.40	ng	0.00
34) Perylene-d12	23.84	264	61530	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	8795	0.48	ng	0.00
5) Phenol-d6	7.02	99	11205	0.43	ng	0.00
8) Nitrobenzene-d5	9.00	82	6754	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	22041	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1394	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	28470	0.36	ng	0.00
25) Fluoranthene-d10	19.23	212	239733	0.38	ng	0.00
29) Terphenyl-d14	19.82	244	52275	0.38	ng	0.00

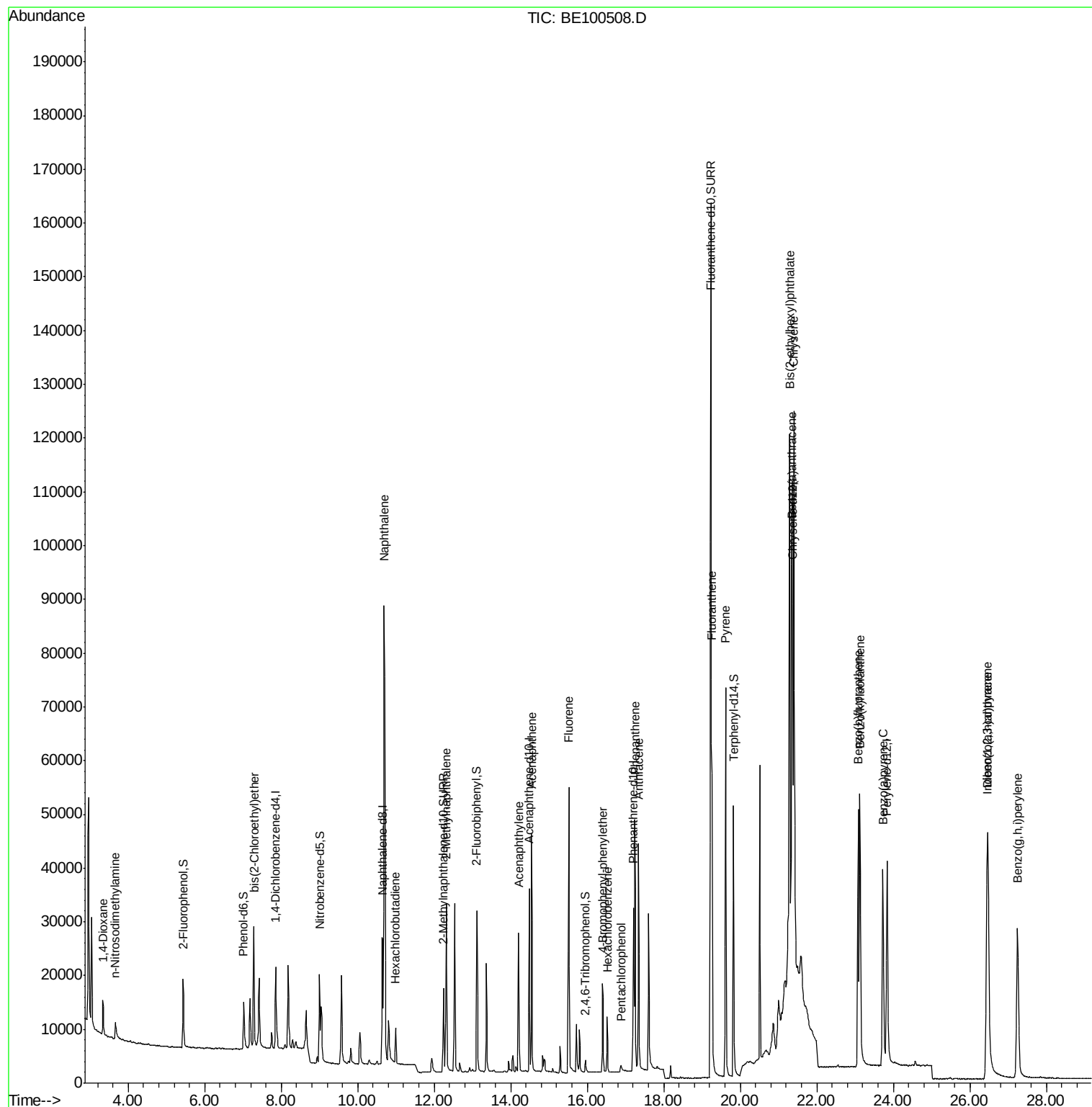
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	5134	0.458	ng	100
3) n-Nitrosodimethylamine	3.67	42	2761	0.405	ng	100
6) bis(2-Chloroethyl)ether	7.29	93	10898	0.489	ng	100
9) Naphthalene	10.69	128	152775	0.468	ng	100
10) Hexachlorobutadiene	10.99	225	4831	0.310	ng	100
12) 2-Methylnaphthalene	12.31	142	24682	0.420	ng	100
16) Acenaphthylene	14.21	152	37534	0.415	ng	100
17) Acenaphthene	14.54	154	23974	0.440	ng	100
18) Fluorene	15.52	166	30825	0.424	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	9042	0.414	ng	100
21) Hexachlorobenzene	16.52	284	7412	0.330	ng	100
22) Pentachlorophenol	16.88	266	1470	0.155	ng	100
23) Phenanthrene	17.24	178	53865	0.479	ng	100
24) Anthracene	17.34	178	46459	0.434	ng	100
26) Fluoranthene	19.26	202	67890	0.419	ng	100
28) Pyrene	19.61	202	69847	0.404	ng	100
30) Benzo(a)anthracene	21.34	228	70426	0.416	ng	100
31) Chrysene	21.40	228	73644	0.440	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	204710	0.526	ng	100
33) Indeno(1,2,3-cd)pyrene	26.45	276	84992	0.466	ng	100
35) Benzo(b)fluoranthene	23.08	252	70939	0.421	ng	100
36) Benzo(k)fluoranthene	23.13	252	81924	0.464	ng	100
37) Benzo(a)pyrene	23.73	252	69597	0.425	ng	100
38) Dibenzo(a,h)anthracene	26.47	278	69307	0.448	ng	100
39) Benzo(g,h,i)perylene	27.25	276	72627	0.459	ng	100

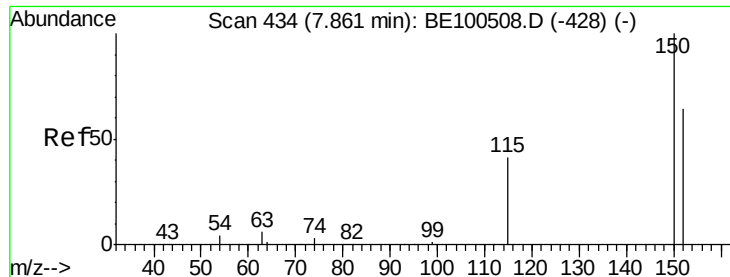
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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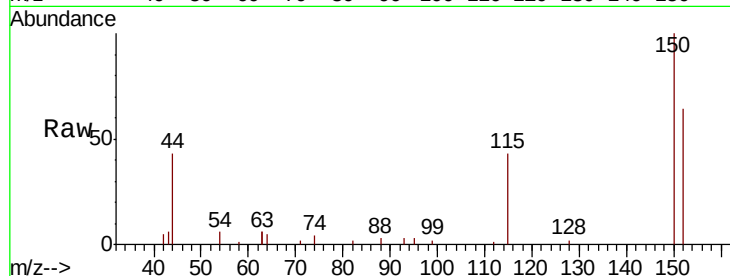


#1

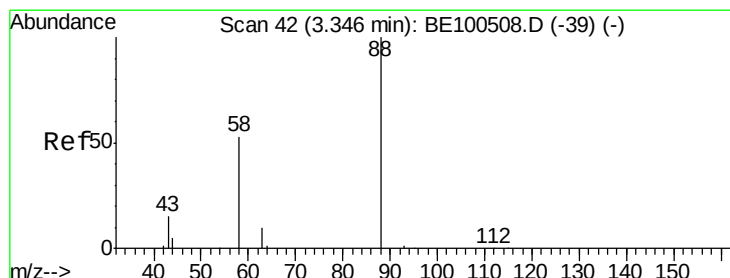
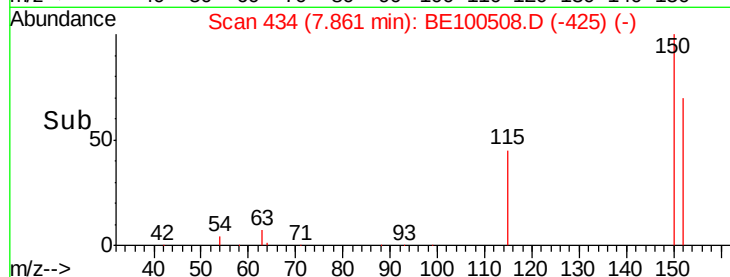
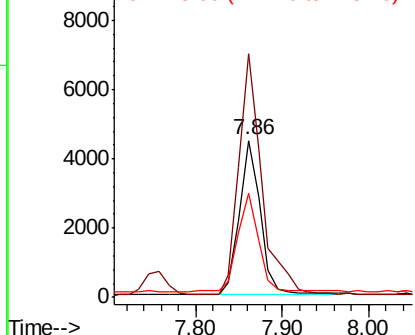
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 7452
Ion Ratio Lower Upper
152 100
150 155.1 124.1 186.1
115 66.3 53.0 79.6



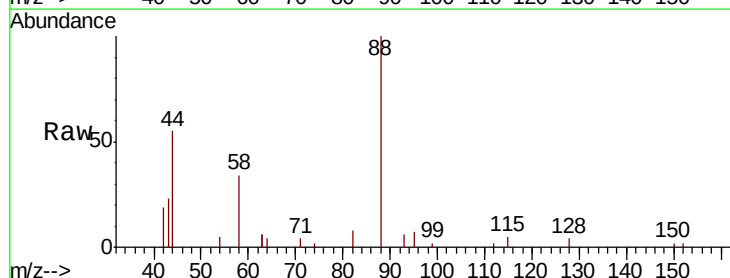
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



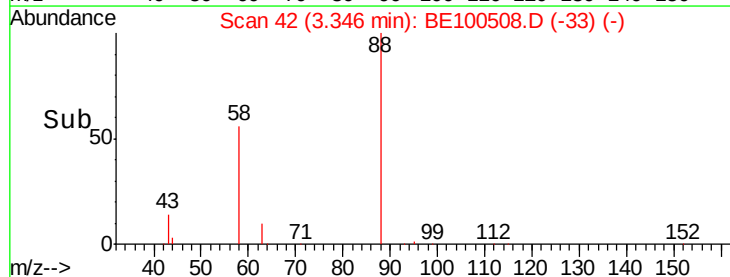
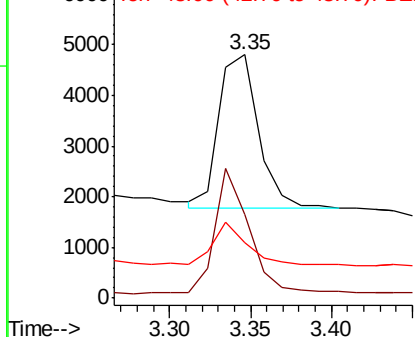
#2

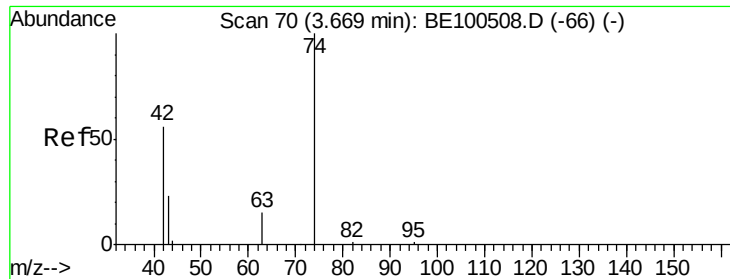
1,4-Dioxane
Concen: 0.458 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion: 88 Resp: 5134
Ion Ratio Lower Upper
88 100
58 70.2 56.2 84.2
43 24.0 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



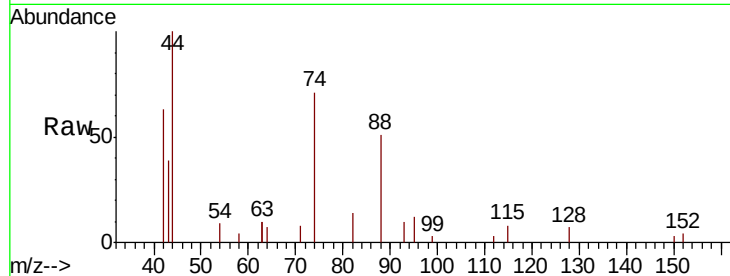


#3

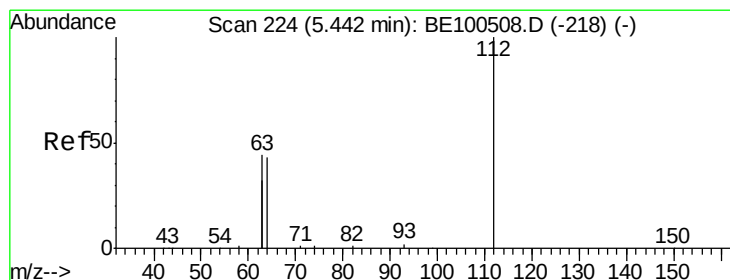
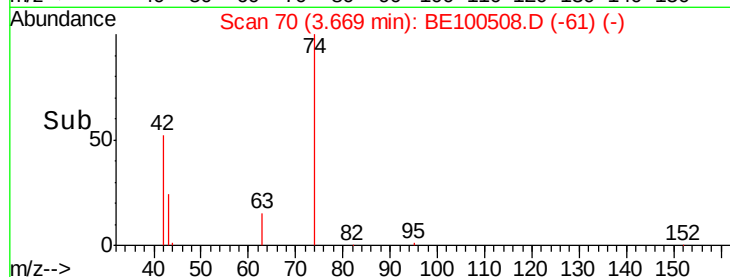
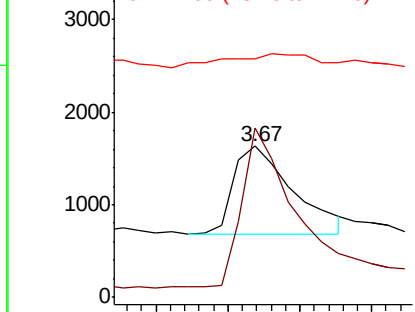
n-Nitrosodimethylamine
 Concen: 0.405 ng
 RT: 3.67 min Scan# 70
 Delta R.T. 0.00 min
 Lab File: BE100508.D
 Acq: 18 Sep 2019 15:42

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 42 Resp: 2761
 Ion Ratio Lower Upper
 42 100
 74 159.0 127.2 190.8
 44 22.8 18.2 27.4



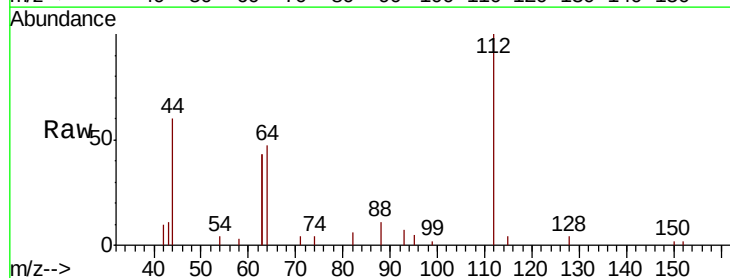
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



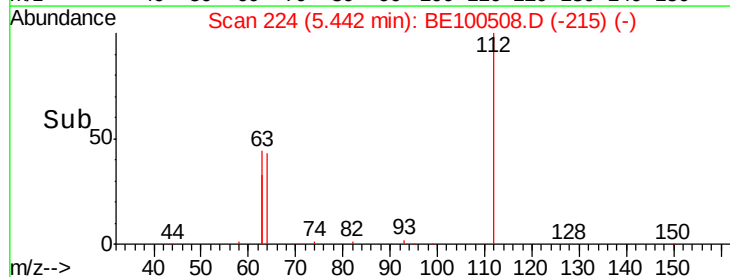
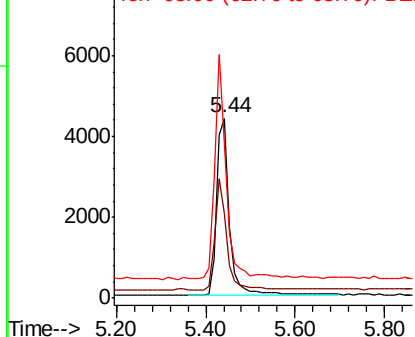
#4

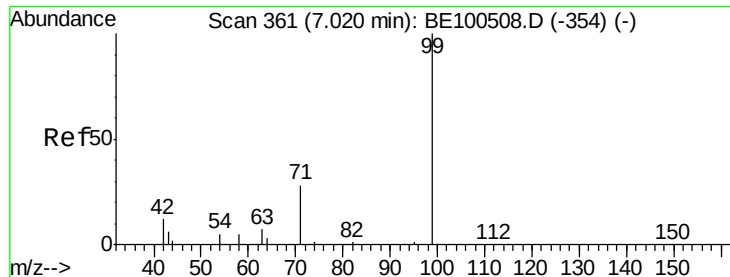
2-Fluorophenol
 Concen: 0.484 ng
 RT: 5.44 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BE100508.D
 Acq: 18 Sep 2019 15:42

Tgt Ion: 112 Resp: 8795
 Ion Ratio Lower Upper
 112 100
 64 57.2 46.2 69.2
 63 109.3 88.2 132.4



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





#5

Phenol-d6

Concen: 0.431 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

Instrument :

BNA_N

ClientSampleId :

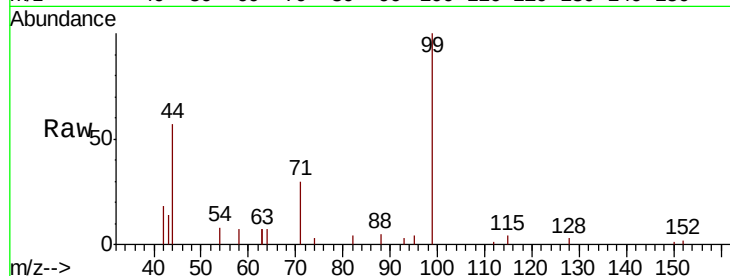
Tot Ion: 99 Resp: 11205

Ion Ratio Lower Upper

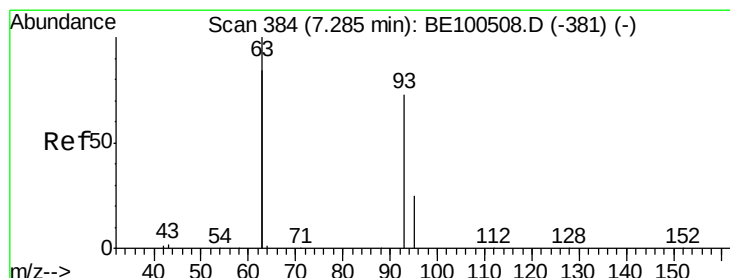
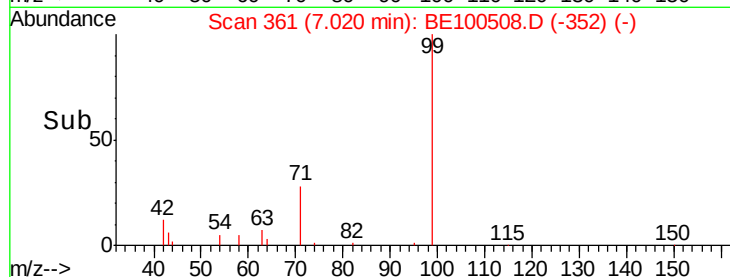
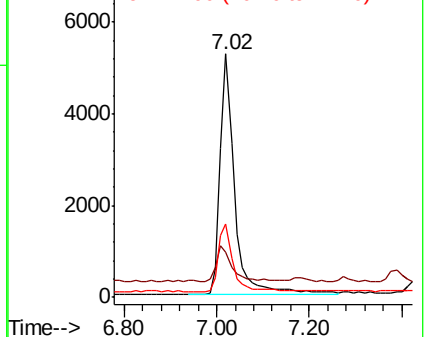
99 100

42 15.0 12.0 18.0

71 28.4 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: 0.489 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

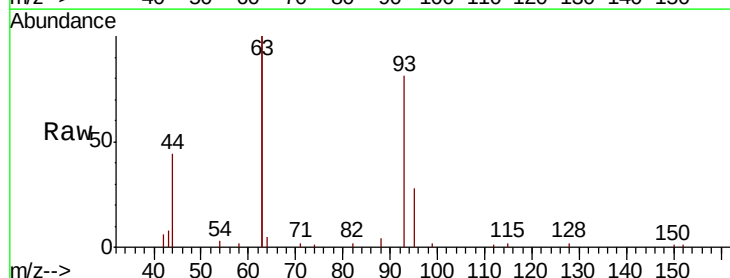
Tgt Ion: 93 Resp: 10898

Ion Ratio Lower Upper

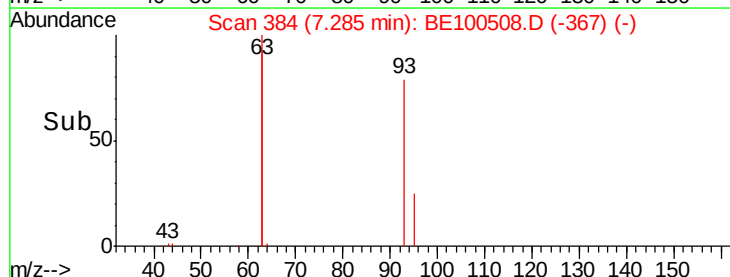
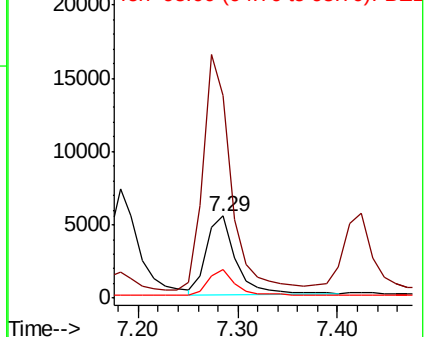
93 100

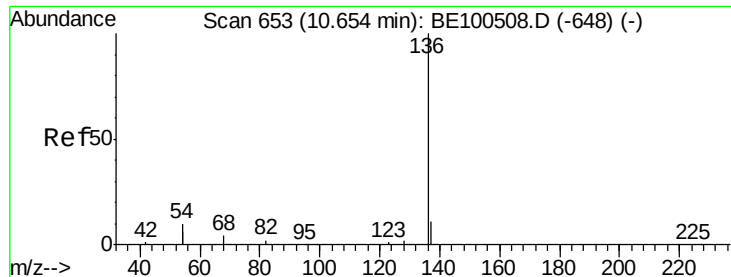
63 285.4 228.3 342.5

95 30.7 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: BE100508.D

Acq: 18 Sep 2019 15:42

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 33982

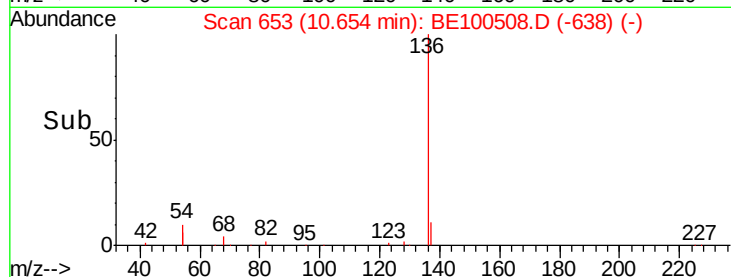
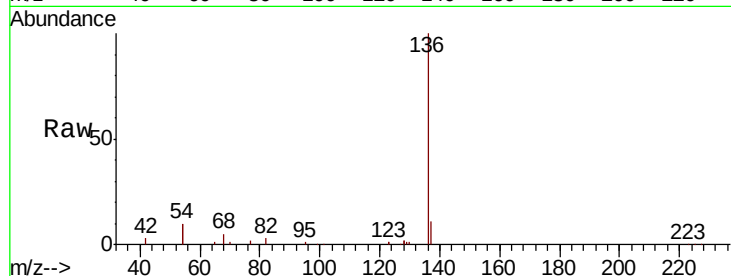
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 19.2 15.4 23.0

68 5.0 4.0 6.0



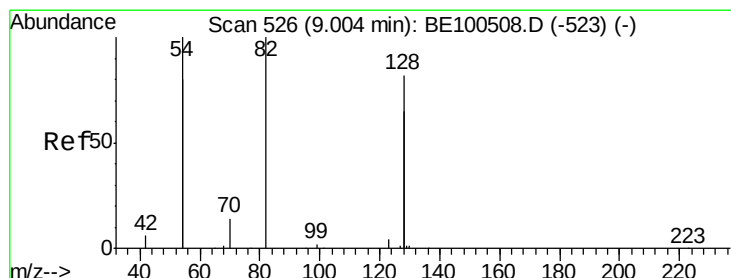
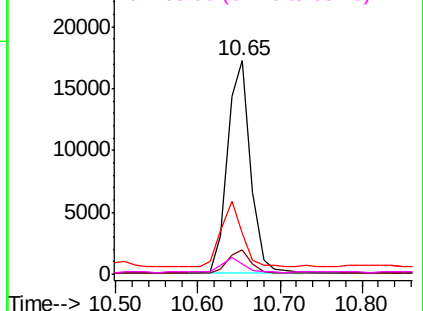
Abundance

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: 0.239 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

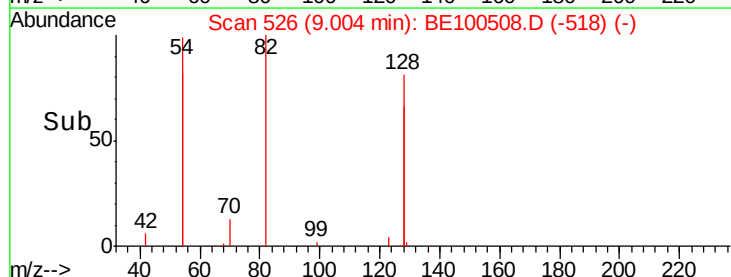
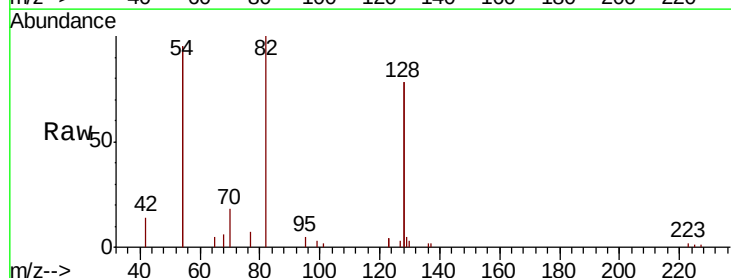
Tgt Ion: 82 Resp: 6754

Ion Ratio Lower Upper

82 100

128 155.7 124.6 186.8

54 189.8 151.8 227.8

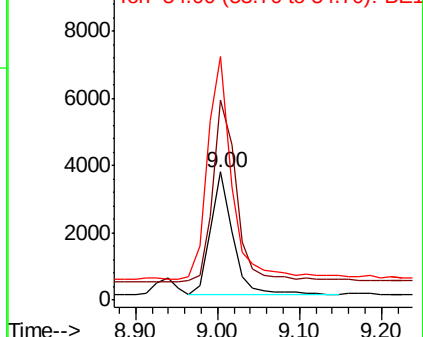


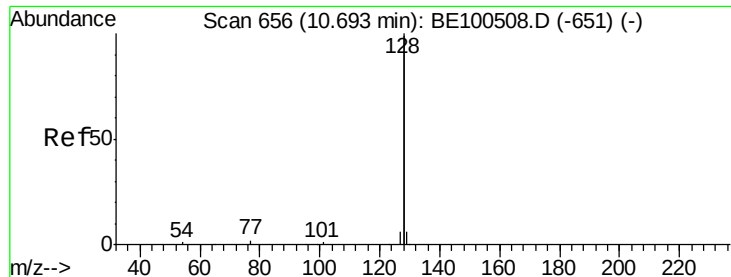
Abundance

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: 0.468 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

Instrument :

BNA_N

ClientSampled :

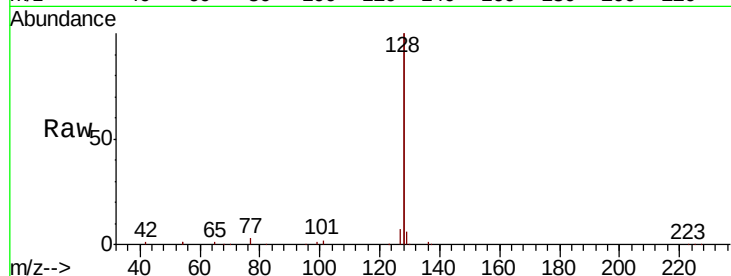
Tot Ion:128 Resp: 152775

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

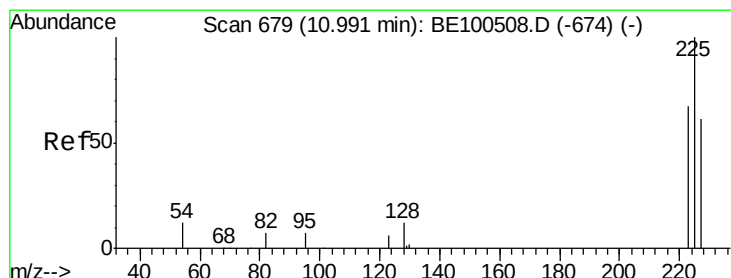
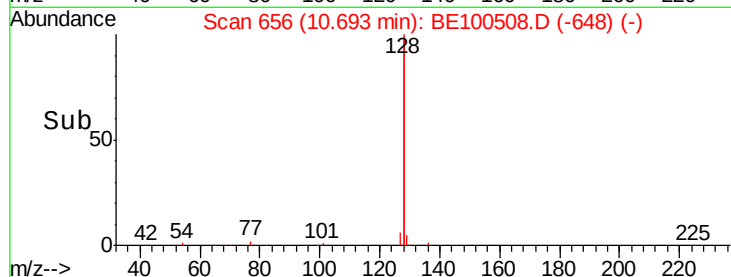
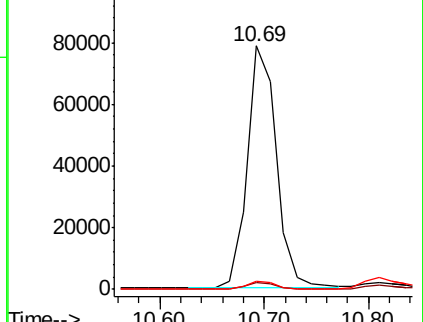
127 3.3 2.6 4.0



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: 0.310 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

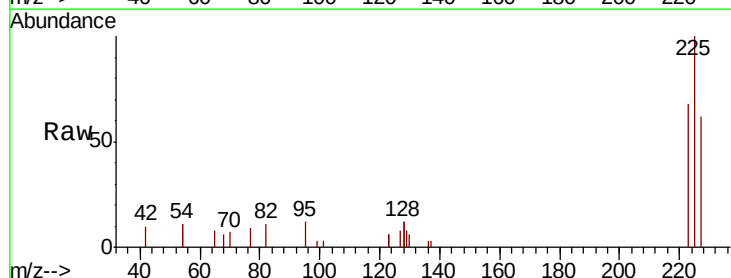
Tgt Ion:225 Resp: 4831

Ion Ratio Lower Upper

225 100

223 63.8 51.0 76.6

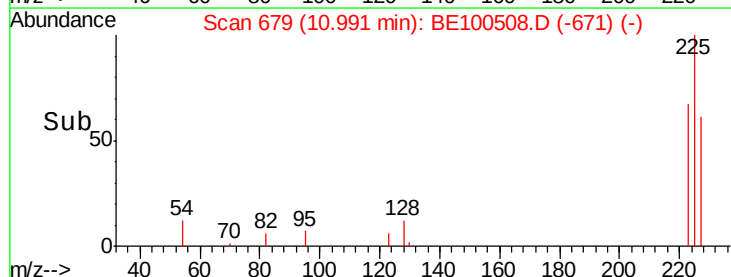
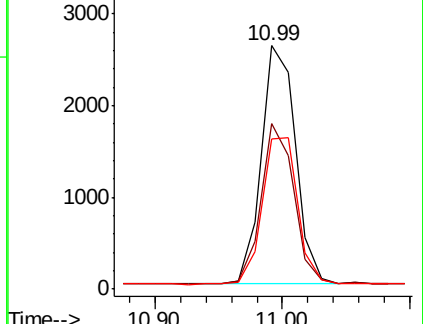
227 64.5 51.6 77.4

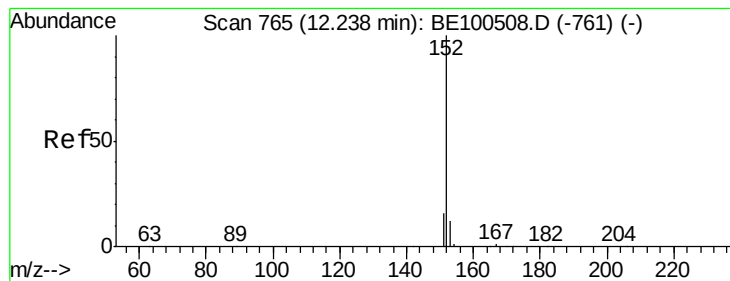


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.392 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

Instrument :

BNA_N

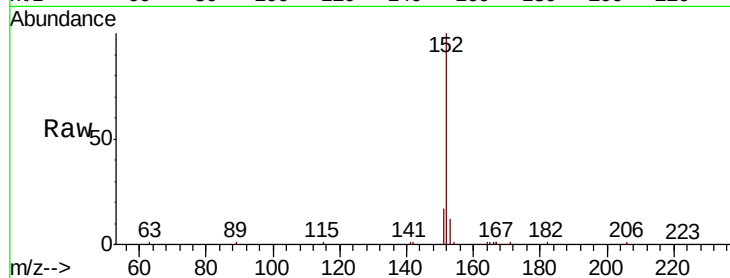
ClientSampled :

Tot Ion:152 Resp: 22041

Ion Ratio Lower Upper

152 100

151 19.0 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

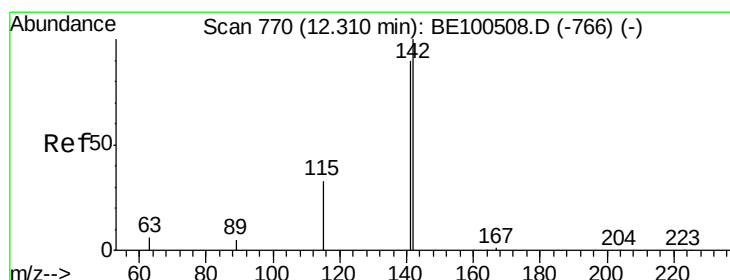
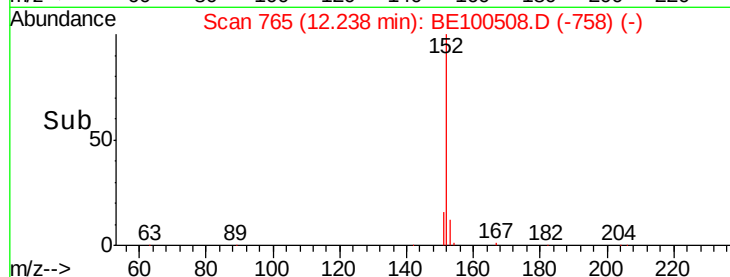
12.24

10000

5000

0

Time--> 12.10 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.420 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

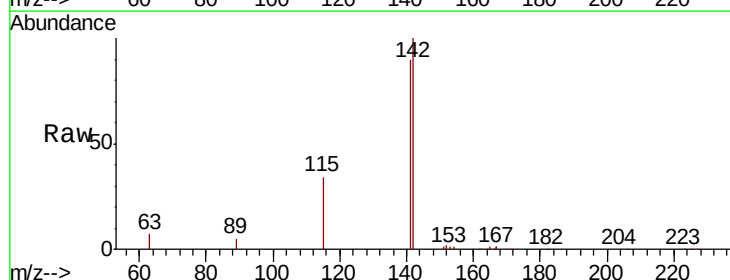
Tgt Ion:142 Resp: 24682

Ion Ratio Lower Upper

142 100

141 90.1 72.1 108.1

115 34.3 27.4 41.2



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

12.31

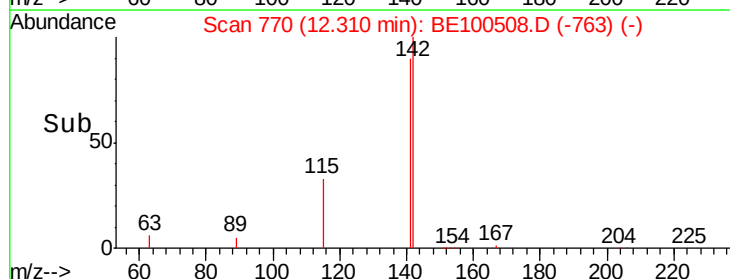
15000

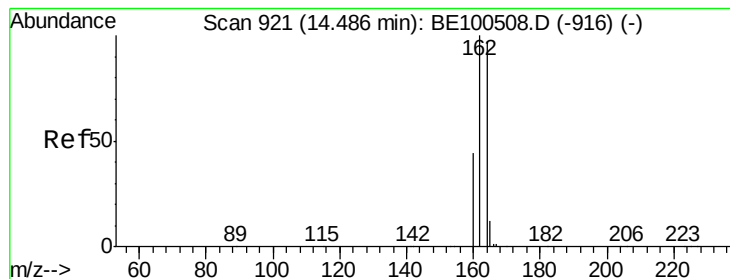
10000

5000

0

Time--> 12.20 12.30 12.40





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

Instrument :

BNA_N

ClientSampleId :

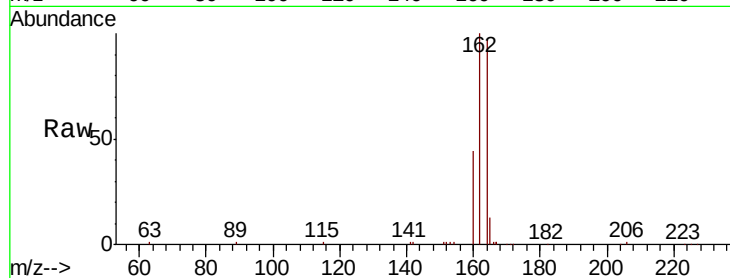
Tot Ion:164 Resp: 19574

Ion Ratio Lower Upper

164 100

162 103.5 82.8 124.2

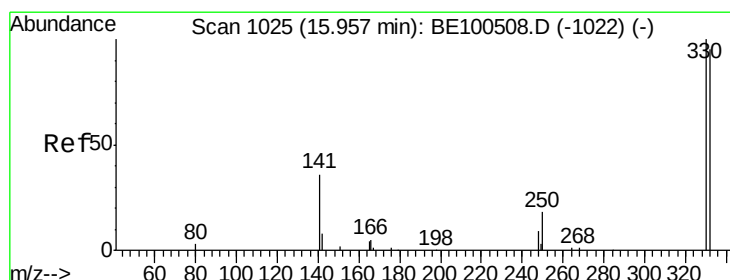
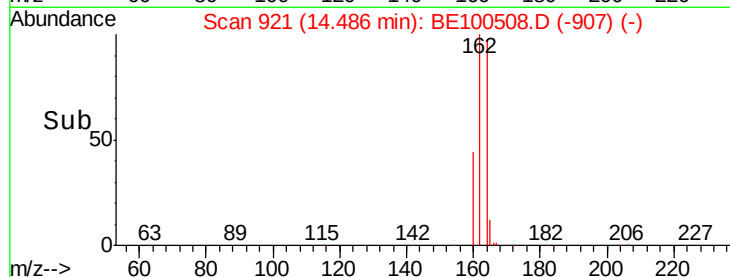
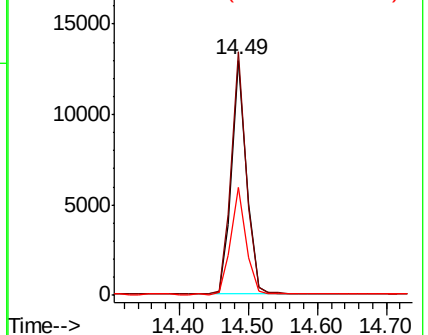
160 46.0 36.8 55.2



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: 0.164 ng

RT: 15.96 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

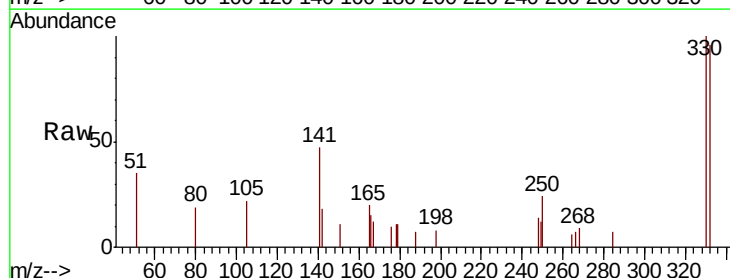
Tgt Ion:330 Resp: 1394

Ion Ratio Lower Upper

330 100

332 100.2 80.2 120.2

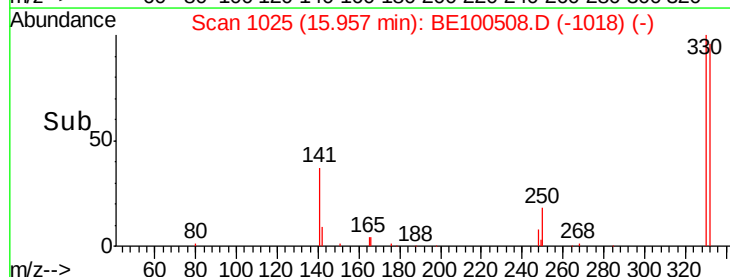
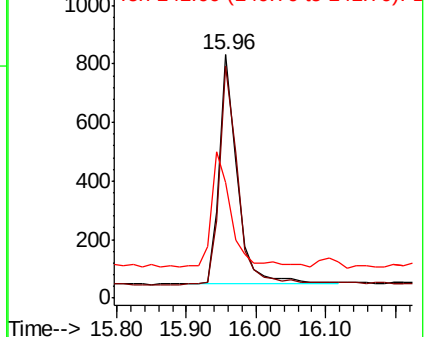
141 54.6 43.7 65.5

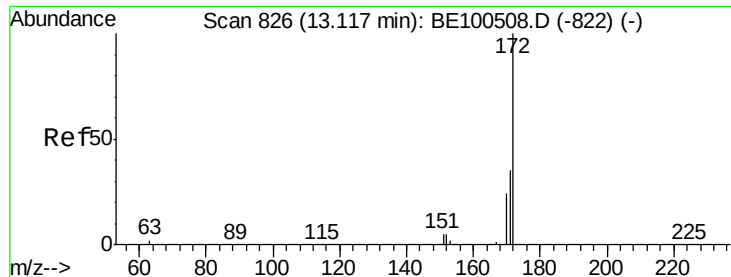


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

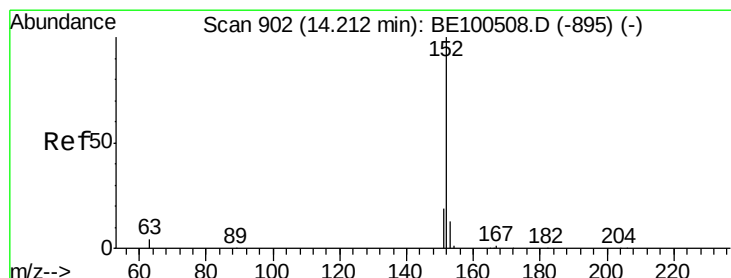
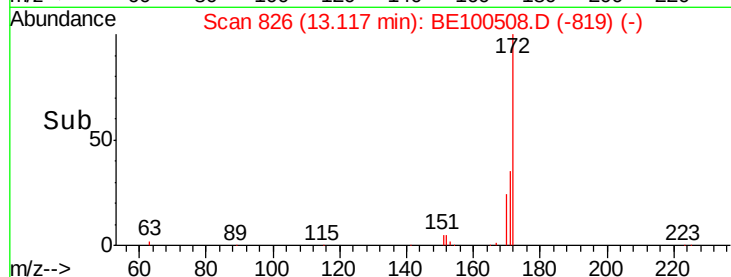
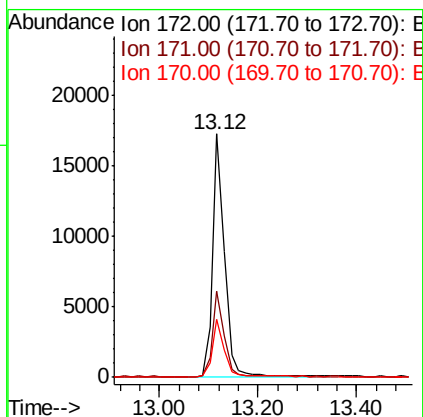
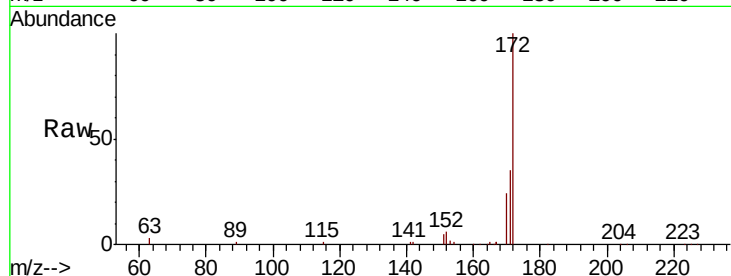




#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

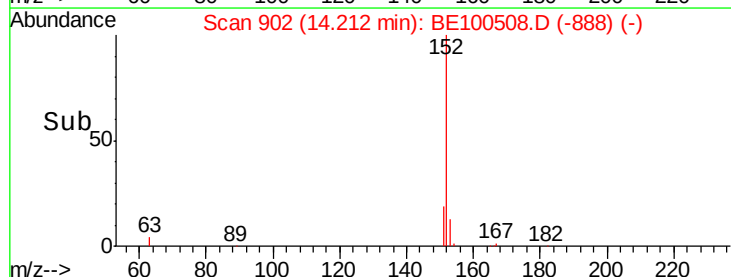
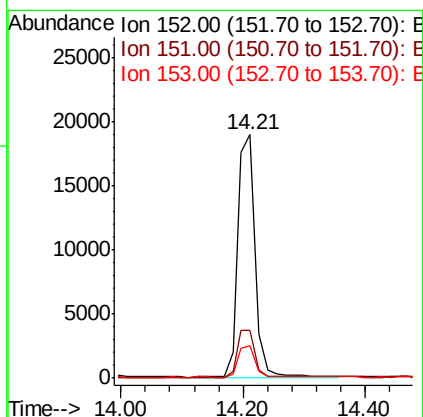
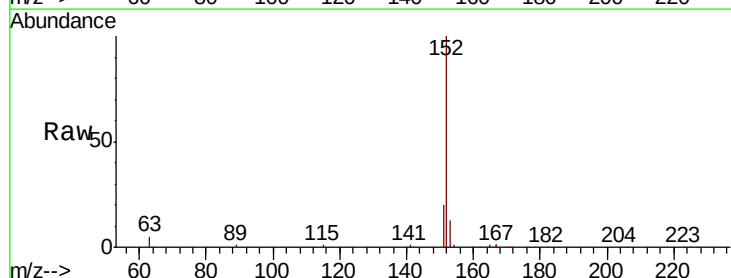
Instrument :
BNA_N
ClientSampleId :

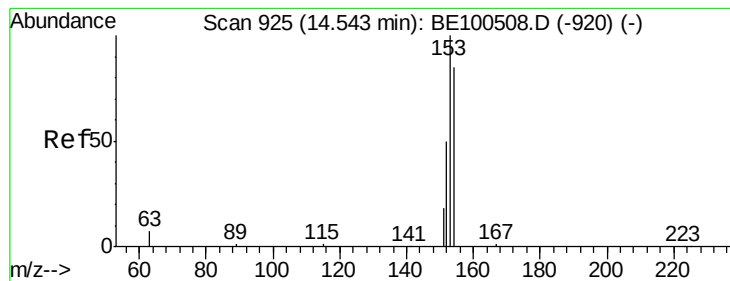
Tot Ion:172 Resp: 28470
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.0 19.2 28.8



#16
Acenaphthylene
Concen: 0.415 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:152 Resp: 37534
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 12.7 10.2 15.2





#17

Acenaphthene

Concen: 0.440 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

Instrument :

BNA_N

ClientSampleId :

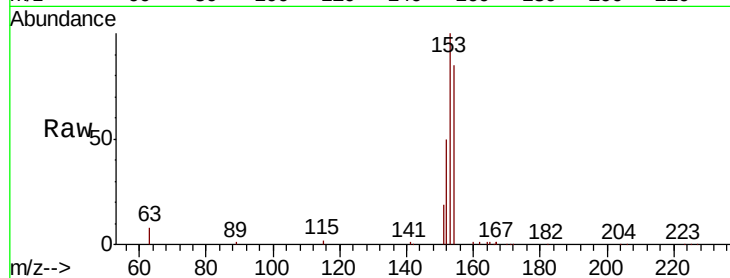
Tot Ion:154 Resp: 23974

Ion Ratio Lower Upper

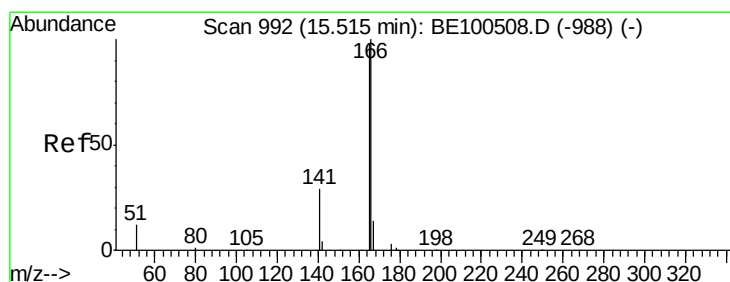
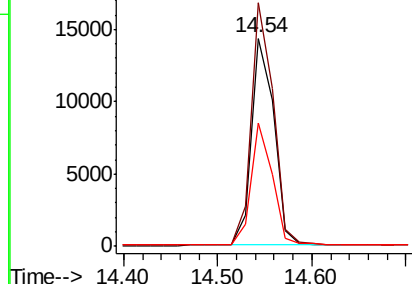
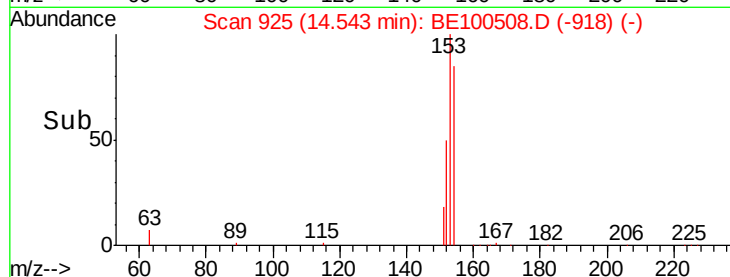
154 100

153 114.4 91.5 137.3

152 56.1 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: 0.424 ng

RT: 15.52 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

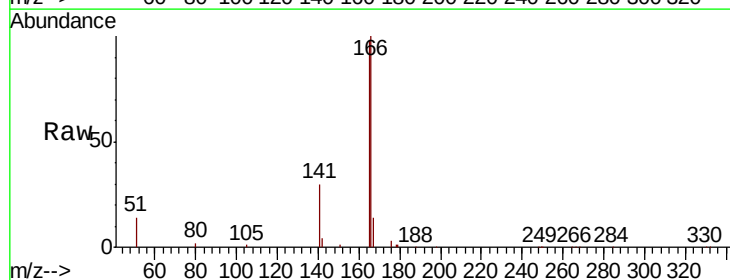
Tgt Ion:166 Resp: 30825

Ion Ratio Lower Upper

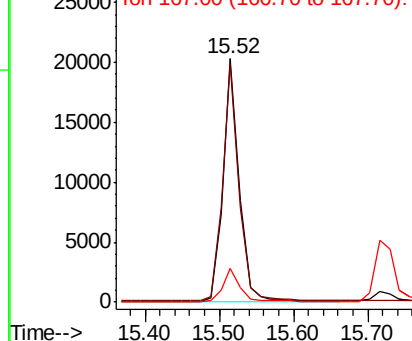
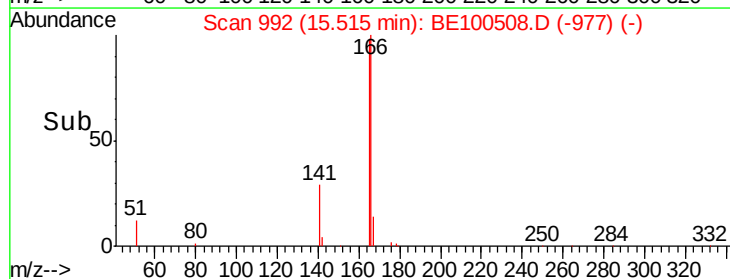
166 100

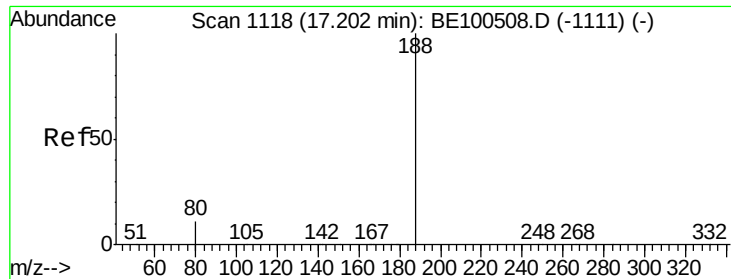
165 98.6 78.9 118.3

167 13.6 10.9 16.3



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

Instrument :

BNA_N

ClientSampleId :

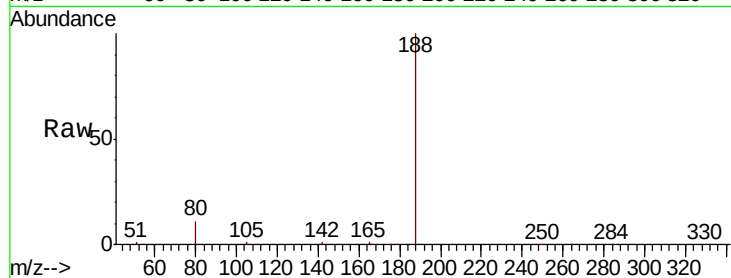
Tot Ion:188 Resp: 45873

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

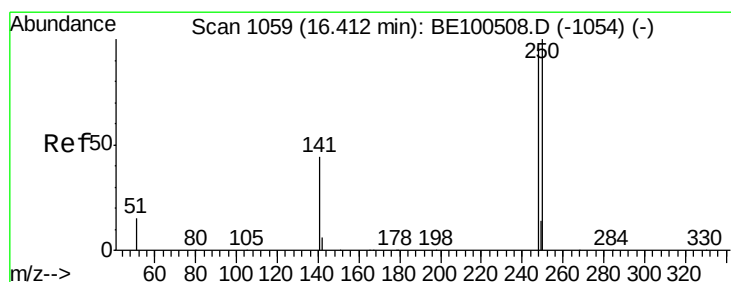
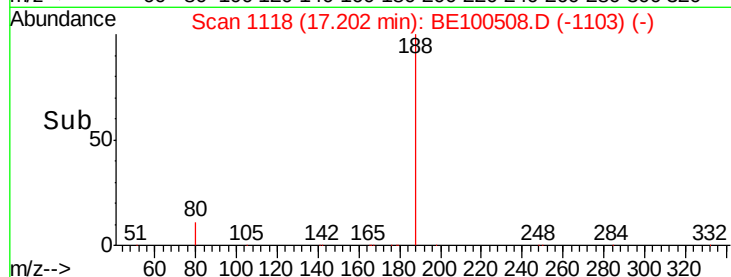
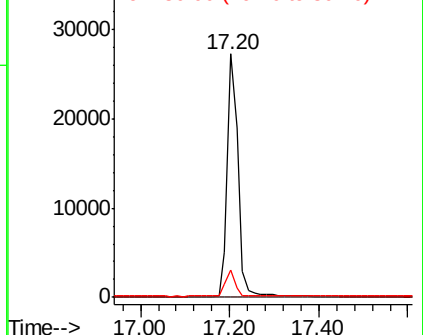
80 11.3 9.0 13.6



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: 0.414 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

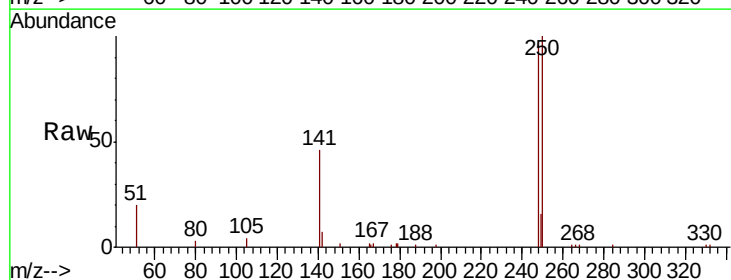
Tgt Ion:248 Resp: 9042

Ion Ratio Lower Upper

248 100

250 103.7 83.0 124.4

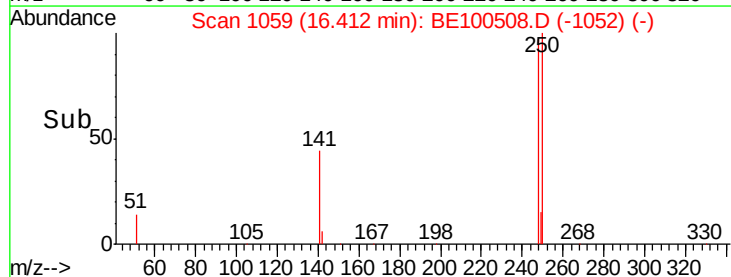
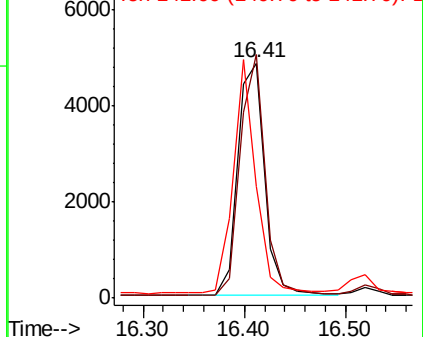
141 47.5 38.0 57.0

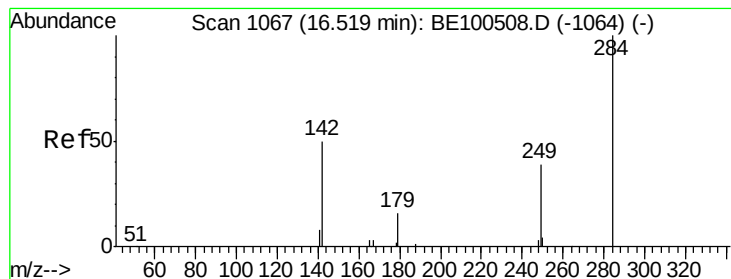


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.330 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

Instrument :

BNA_N

ClientSampleId :

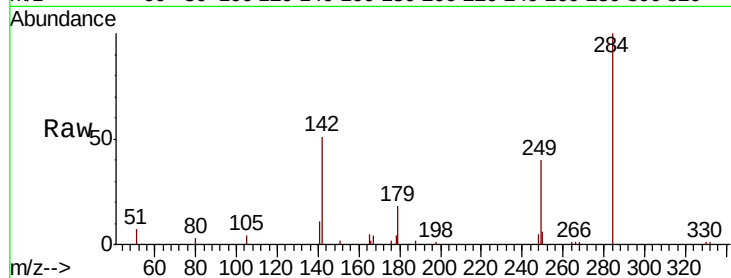
Tot Ion:284 Resp: 7412

Ion Ratio Lower Upper

284 100

142 47.9 38.2 57.4

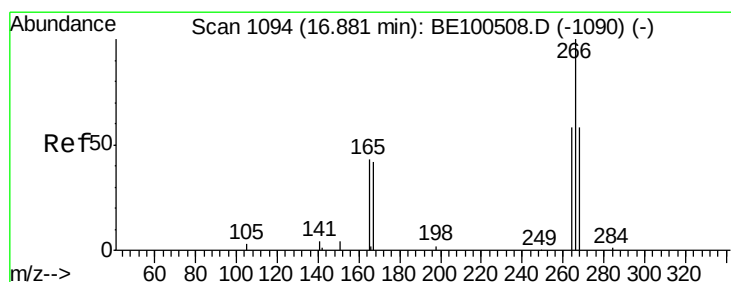
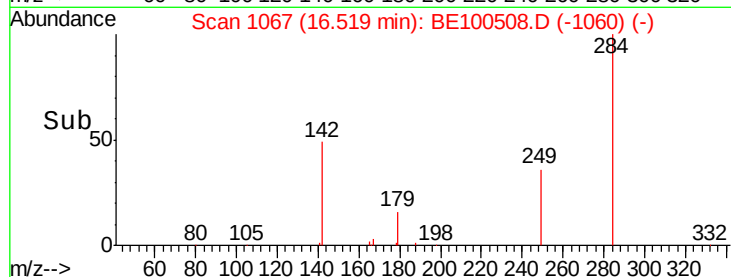
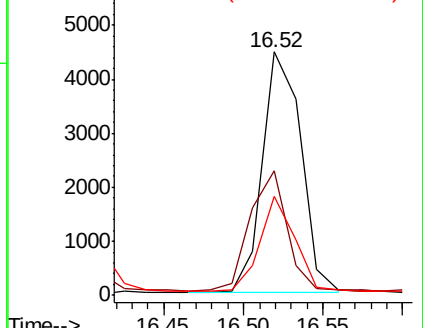
249 36.0 28.8 43.2



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: 0.155 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

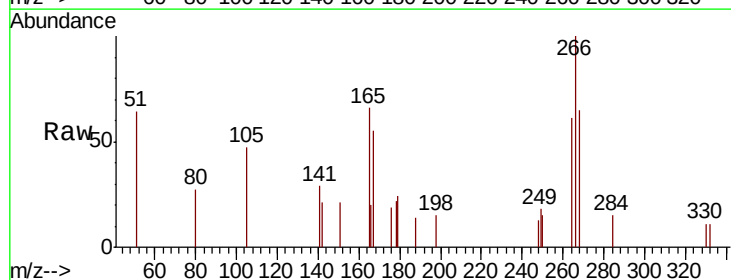
Tgt Ion:266 Resp: 1470

Ion Ratio Lower Upper

266 100

264 60.8 48.6 73.0

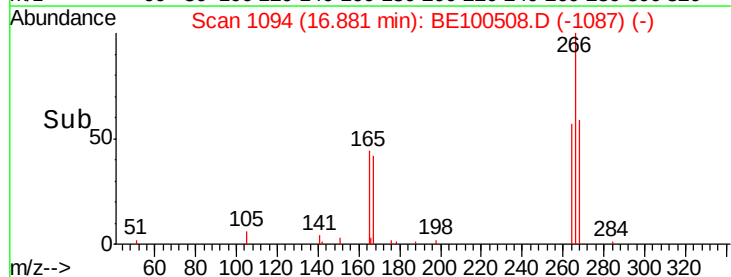
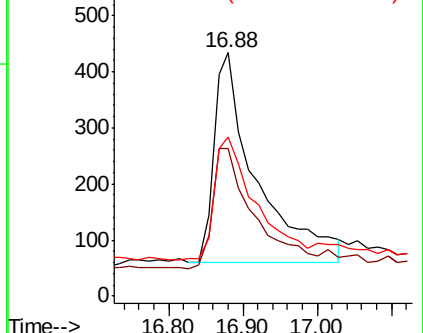
268 65.4 52.3 78.5

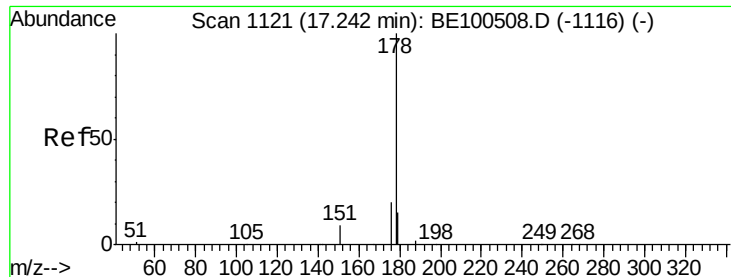


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

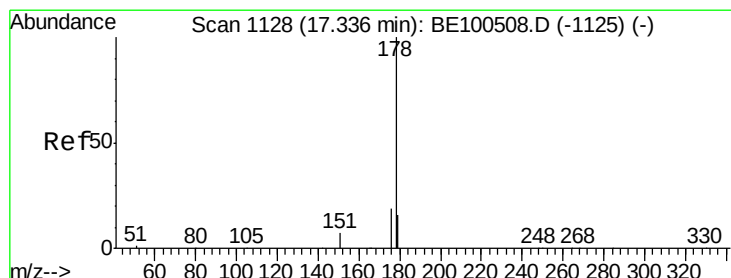
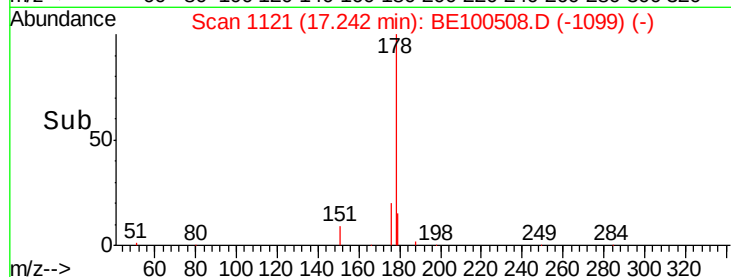
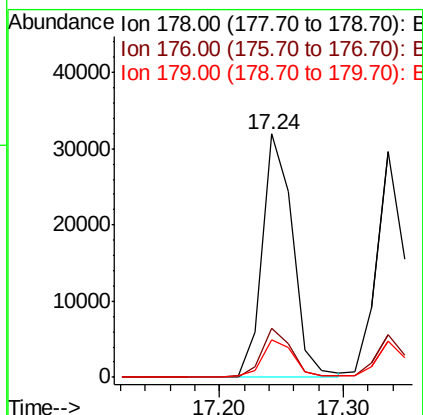
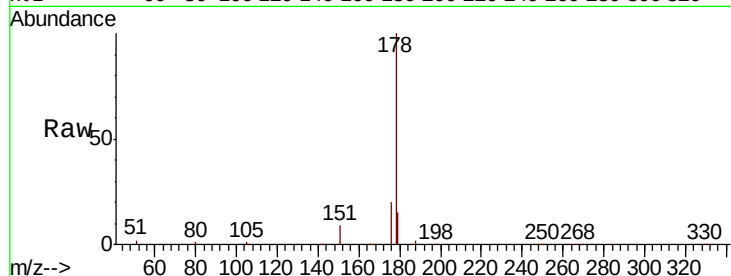




#23
Phenanthrene
Concen: 0.479 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

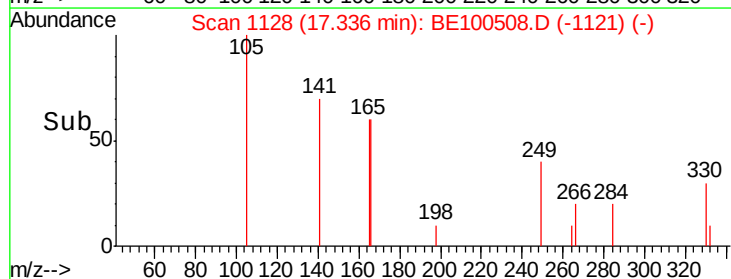
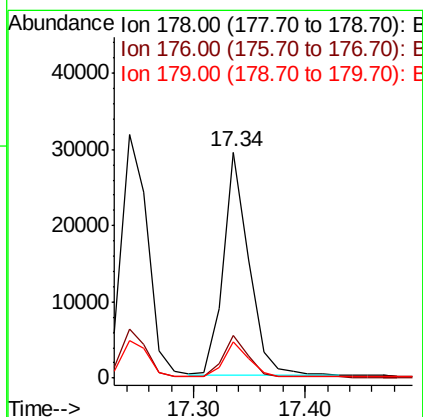
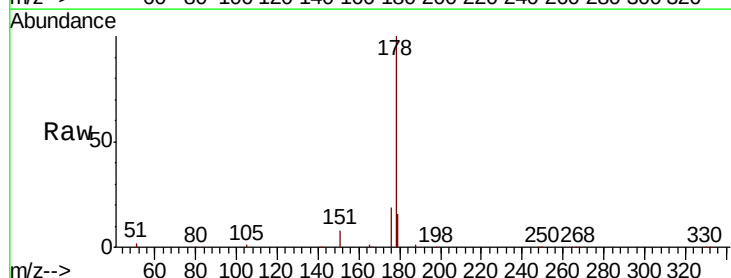
Instrument :
BNA_N
ClientSampleId :

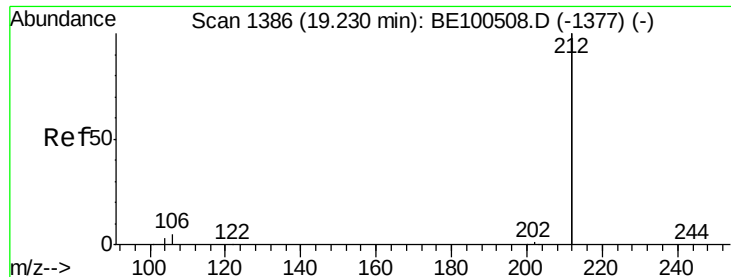
Tot Ion:178 Resp: 53865
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.5 12.4 18.6



#24
Anthracene
Concen: 0.434 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:178 Resp: 46459
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.5 12.4 18.6





#25

Fluoranthene-d10

Concen: 0.382 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

Instrument :

BNA_N

ClientSampleId :

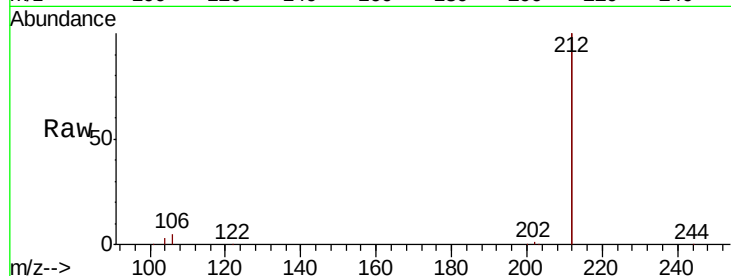
Tot Ion:212 Resp: 239733

Ion Ratio Lower Upper

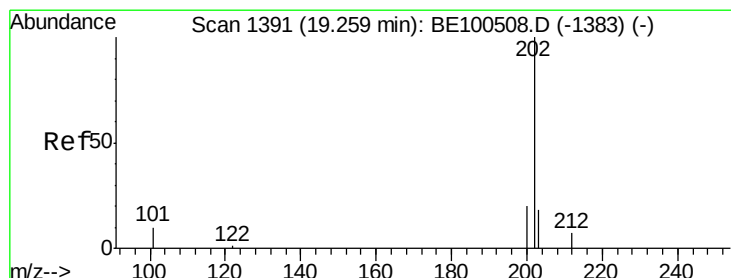
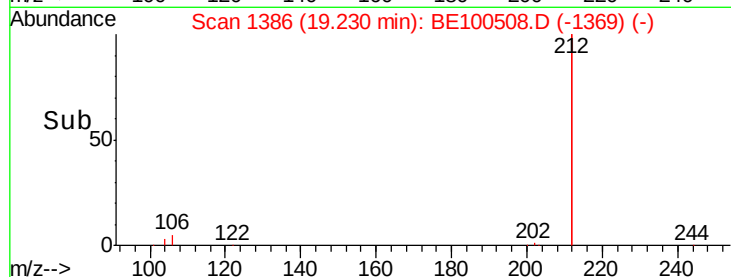
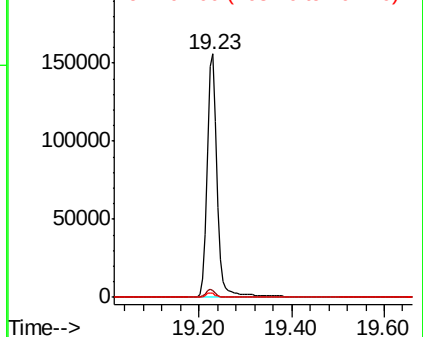
212 100

106 3.0 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: 0.419 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

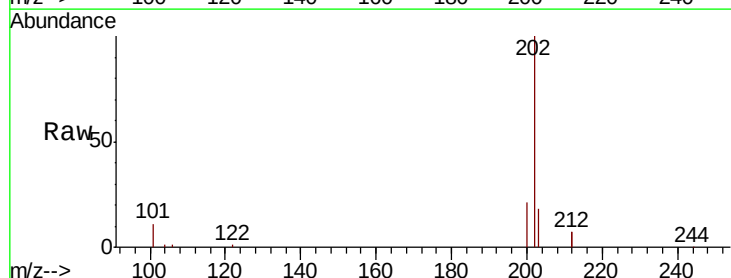
Tgt Ion:202 Resp: 67890

Ion Ratio Lower Upper

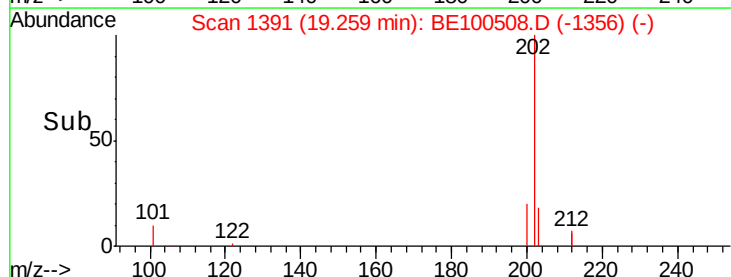
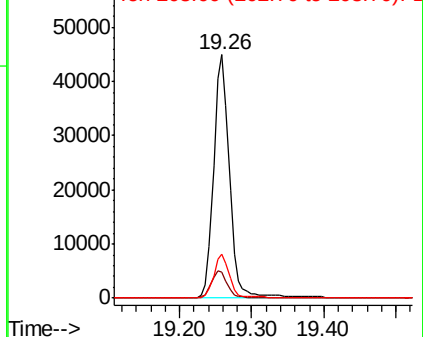
202 100

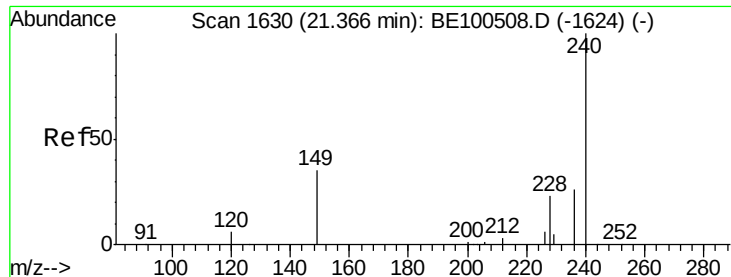
101 11.0 8.8 13.2

203 17.3 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

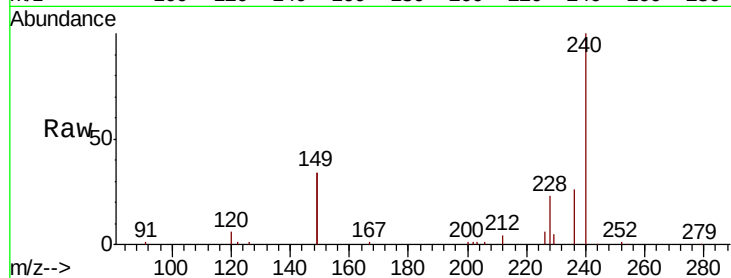




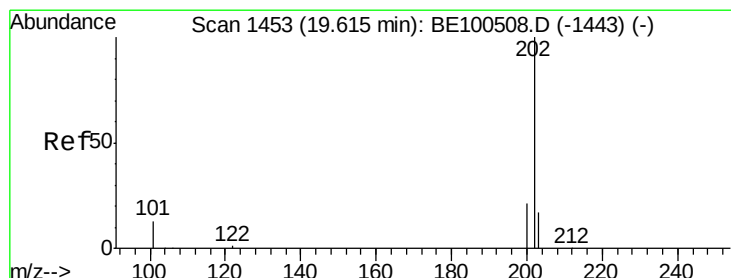
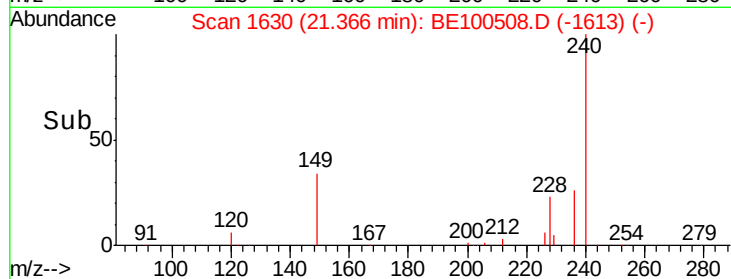
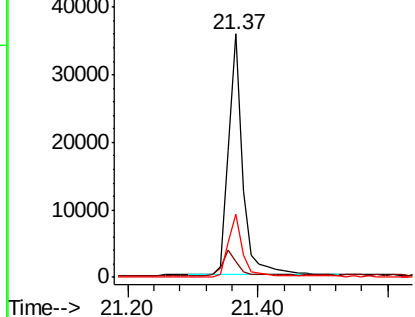
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 55502
Ion Ratio Lower Upper
240 100
120 6.4 5.1 7.7
236 26.1 20.9 31.3

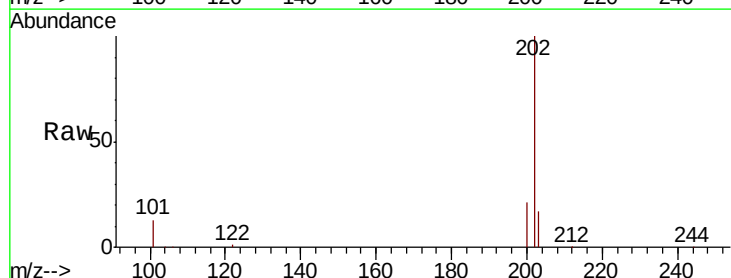


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

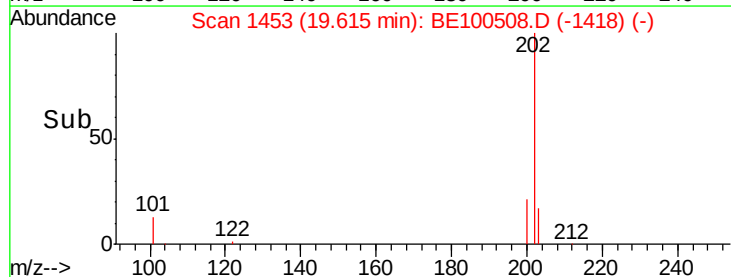
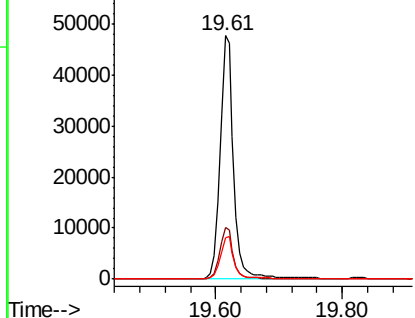


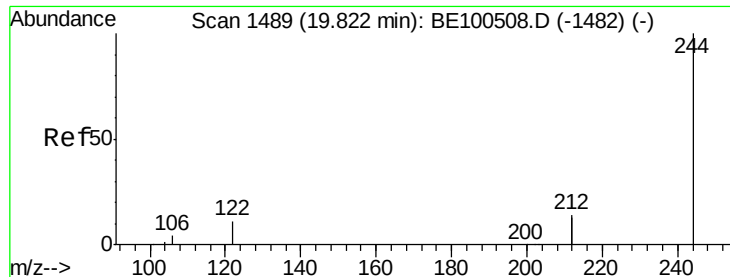
#28
Pyrene
Concen: 0.404 ng
RT: 19.61 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:202 Resp: 69847
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 17.4 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.381 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

Instrument :

BNA_N

ClientSampleId :

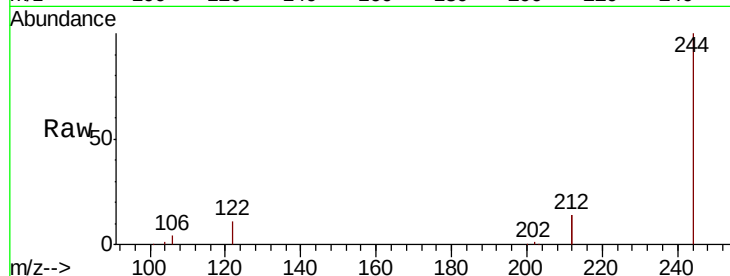
Tot Ion:244 Resp: 52275

Ion Ratio Lower Upper

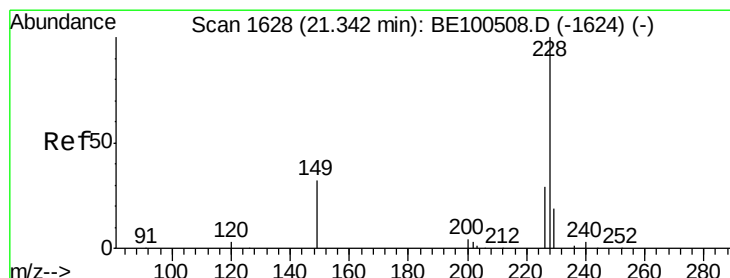
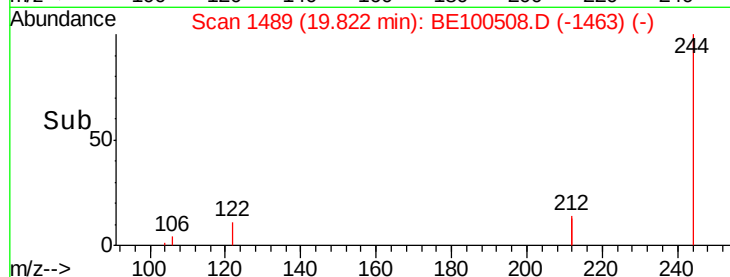
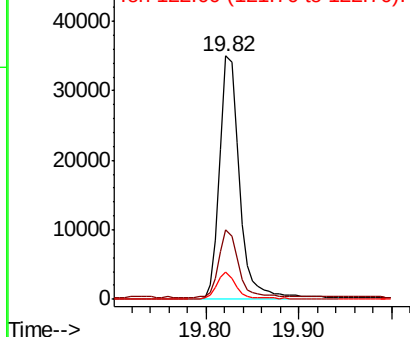
244 100

212 28.5 22.8 34.2

122 11.2 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: 0.416 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

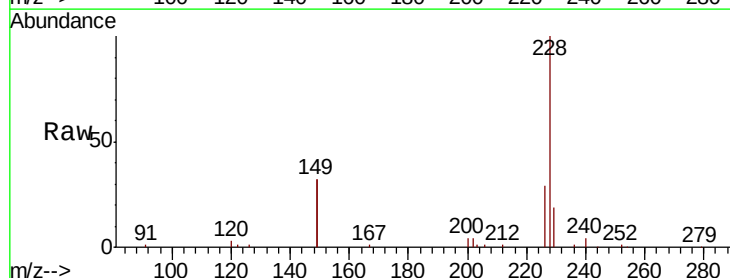
Tgt Ion:228 Resp: 70426

Ion Ratio Lower Upper

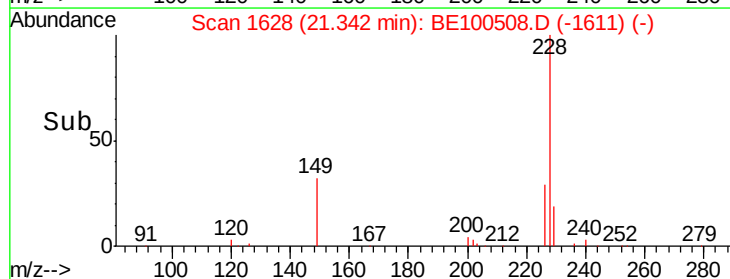
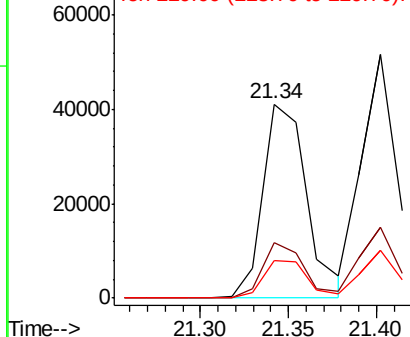
228 100

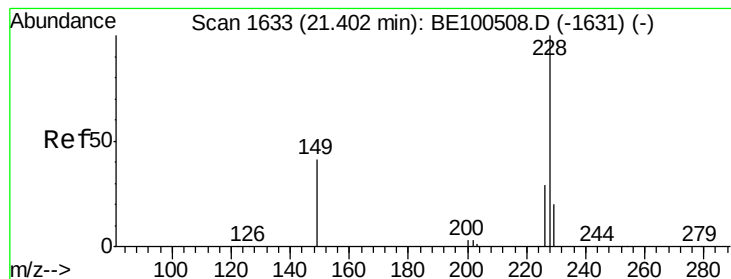
226 28.9 23.1 34.7

229 19.1 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: 0.440 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

Instrument :

BNA_N

ClientSampleId :

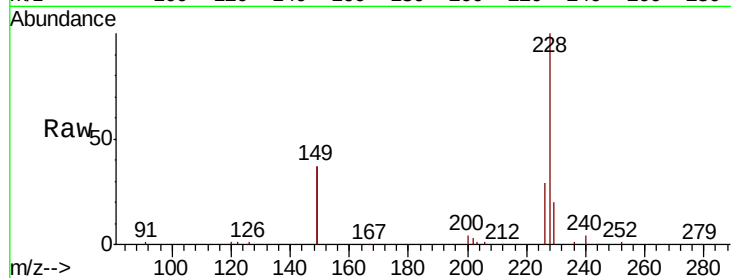
Tot Ion:228 Resp: 73644

Ion Ratio Lower Upper

228 100

226 28.9 23.1 34.7

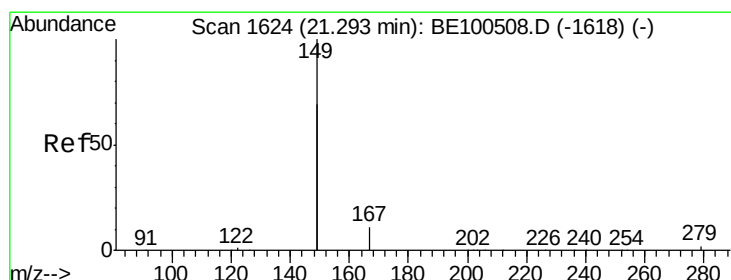
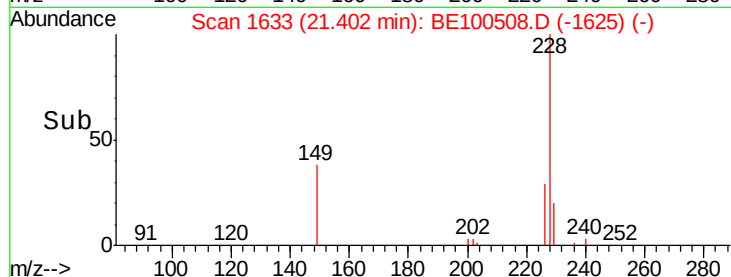
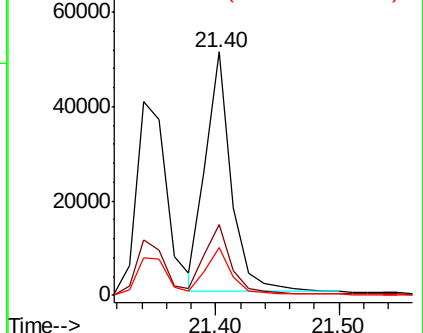
229 19.8 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.526 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

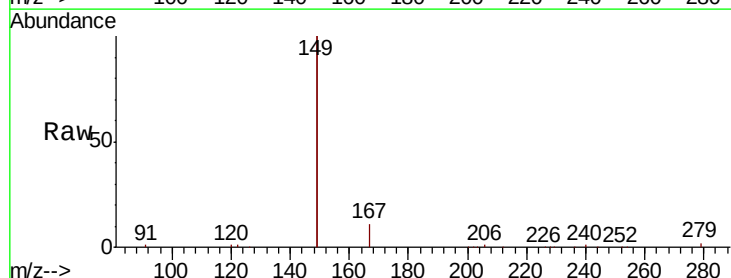
Tgt Ion:149 Resp: 204710

Ion Ratio Lower Upper

149 100

167 4.4 3.5 5.3

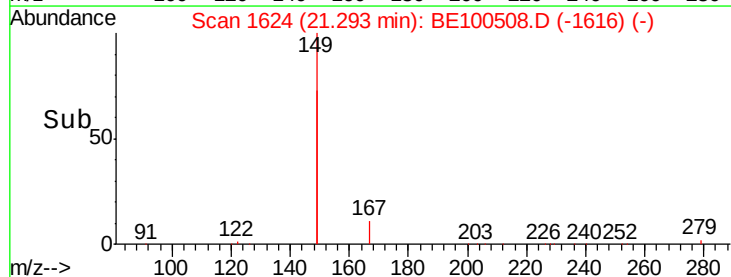
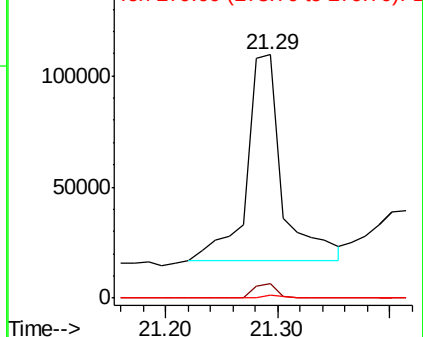
279 0.7 0.6 0.8

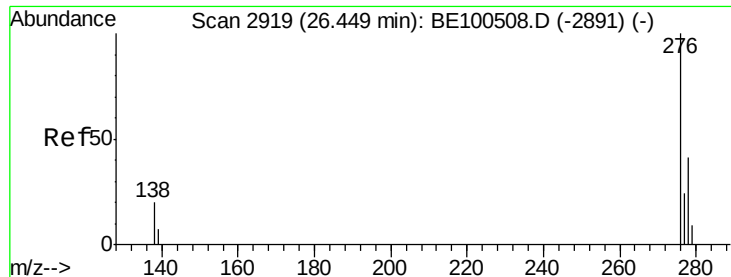


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.466 ng

RT: 26.45 min Scan# 2919

Delta R.T. 0.00 min

Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

Instrument :

BNA_N

ClientSampleId :

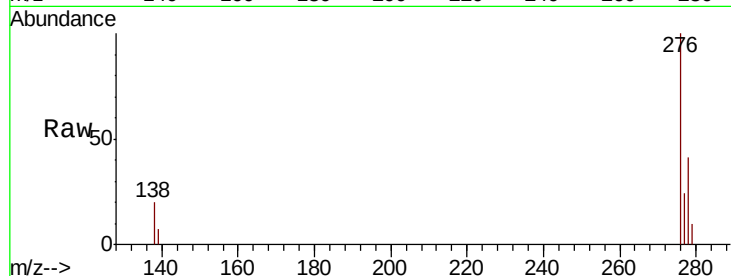
Tot Ion:276 Resp: 84992

Ion Ratio Lower Upper

276 100

138 22.3 17.8 26.8

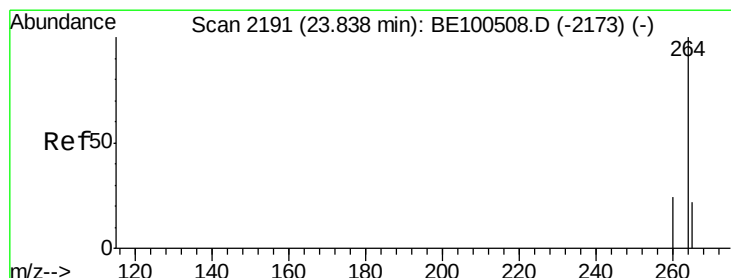
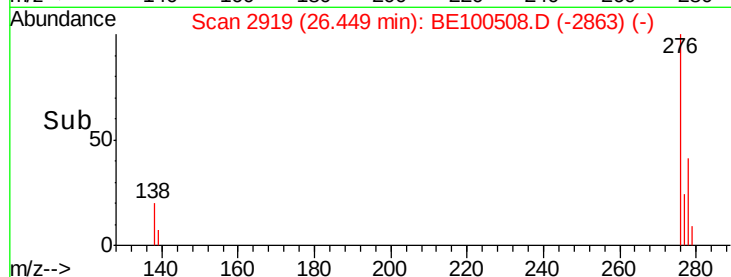
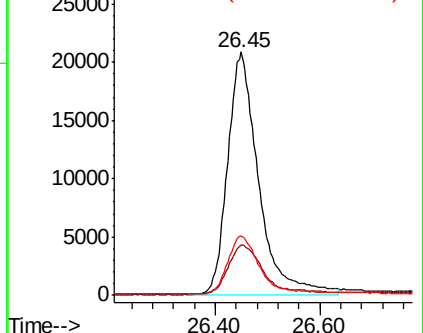
277 23.9 19.0 28.6



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: BE100508.D

Acq: 18 Sep 2019 15:42

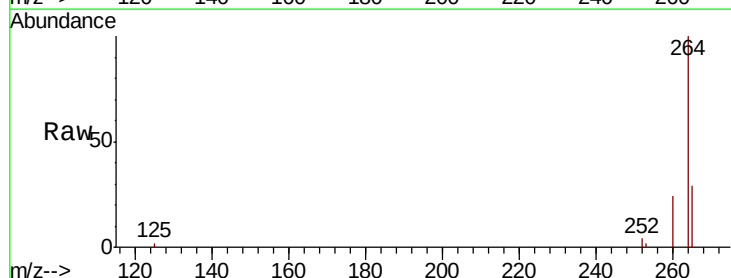
Tgt Ion:264 Resp: 61530

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

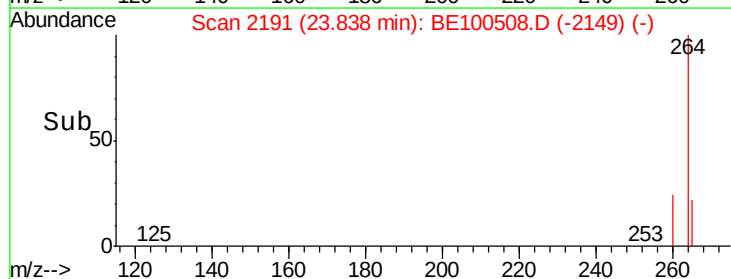
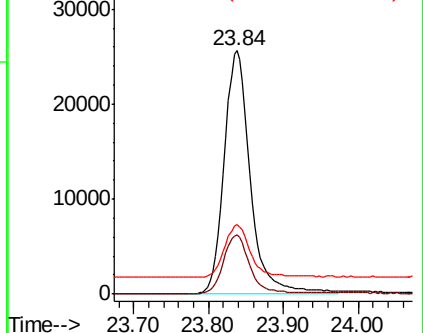
265 28.7 23.0 34.4

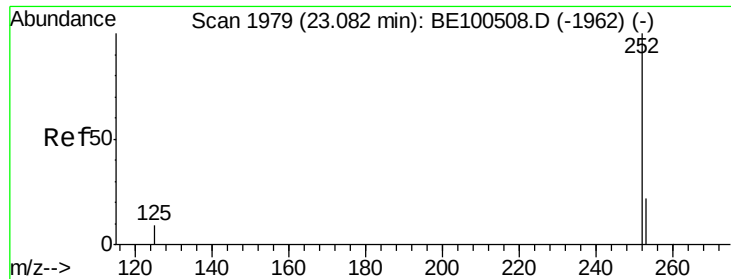


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

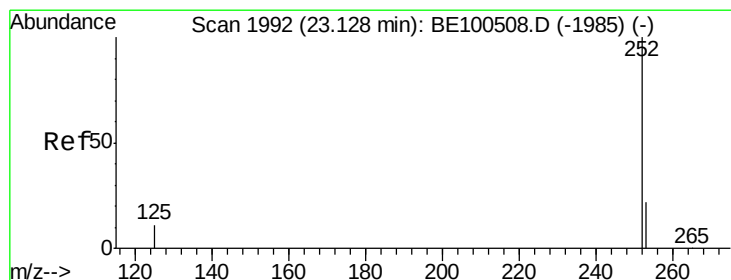
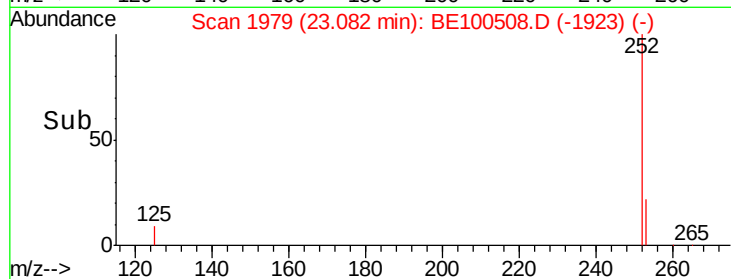
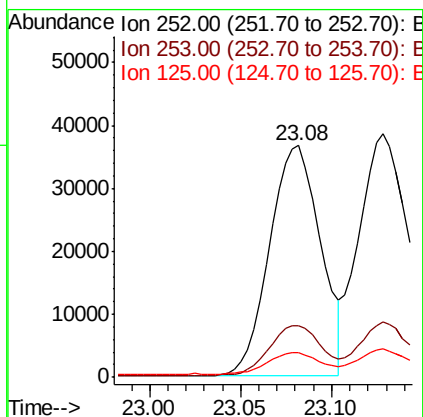
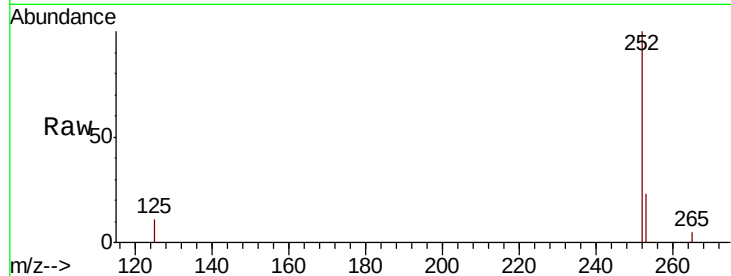




#35
Benzo(b)fluoranthene
Concen: 0.421 ng
RT: 23.08 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

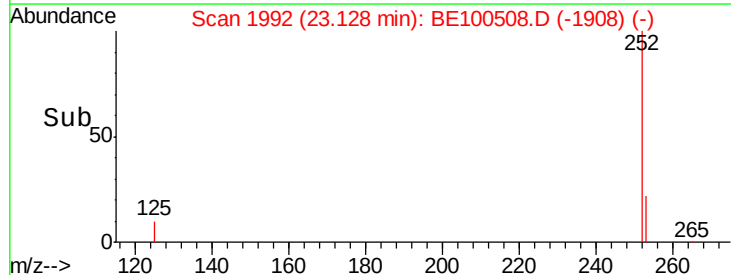
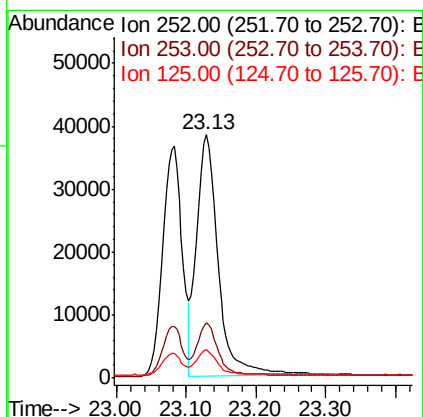
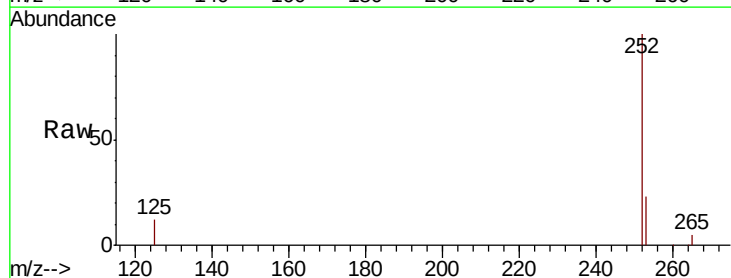
Instrument :
BNA_N
ClientSampleId :

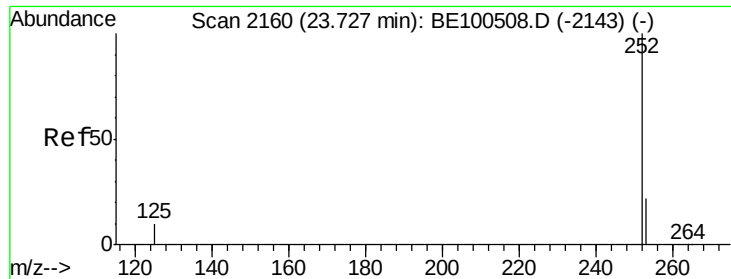
Tot Ion:252 Resp: 70939
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 10.8 8.6 13.0



#36
Benzo(k)fluoranthene
Concen: 0.464 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:252 Resp: 81924
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 11.6 9.3 13.9

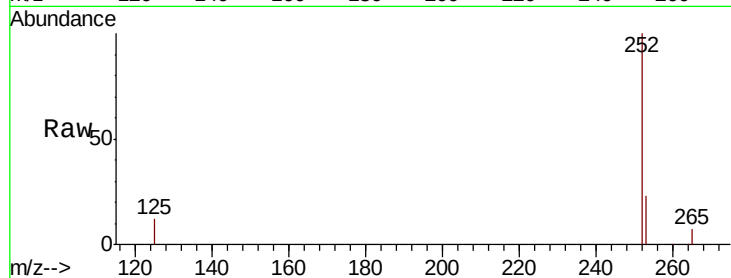




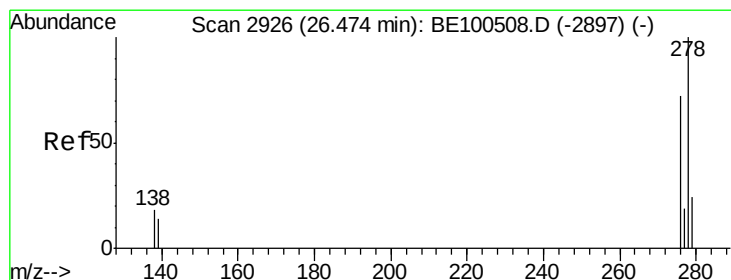
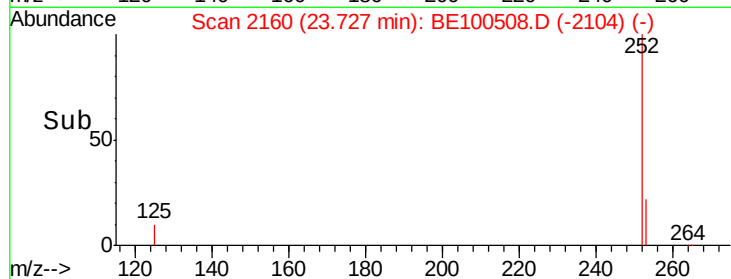
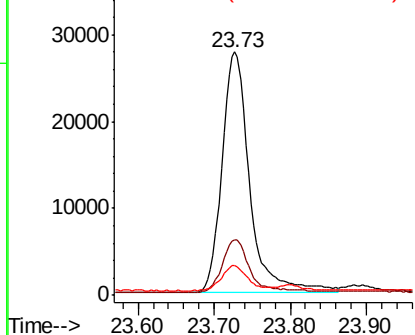
#37
Benzo(a)pyrene
Concen: 0.425 ng
RT: 23.73 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 69597
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 12.1 9.7 14.5

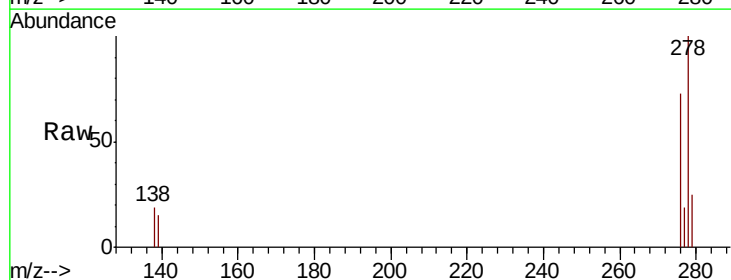


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

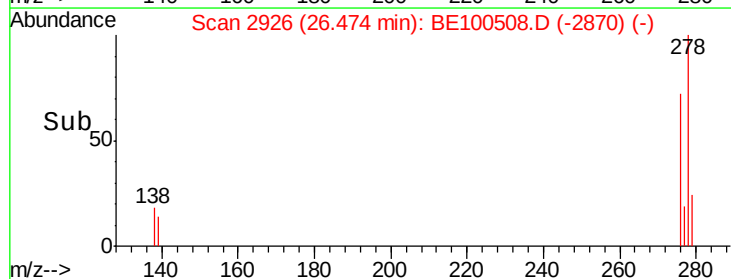
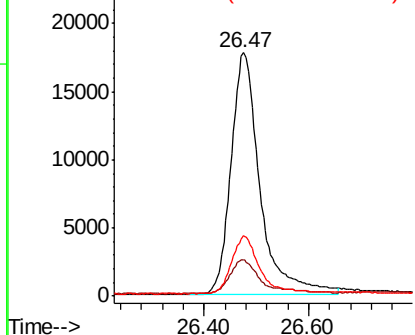


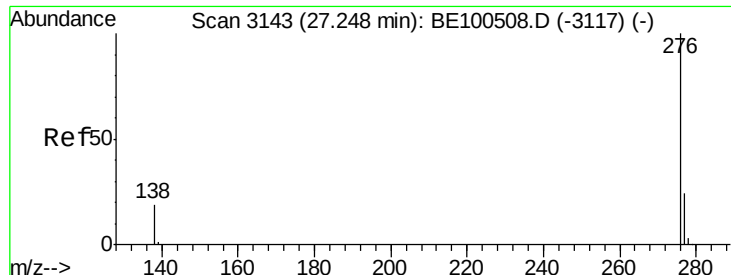
#38
Dibenzo(a,h)anthracene
Concen: 0.448 ng
RT: 26.47 min Scan# 2926
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:278 Resp: 69307
Ion Ratio Lower Upper
278 100
139 15.1 12.1 18.1
279 24.7 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: 0.459 ng

RT: 27.25 min Scan# 3143

Delta R.T. 0.00 min

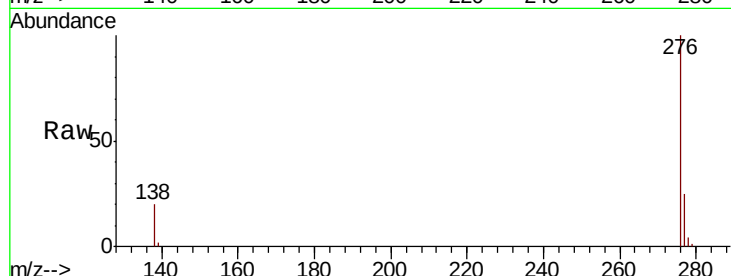
Lab File: BE100508.D

Acq: 18 Sep 2019 15:42

Instrument :

BNA_N

ClientSampleId :



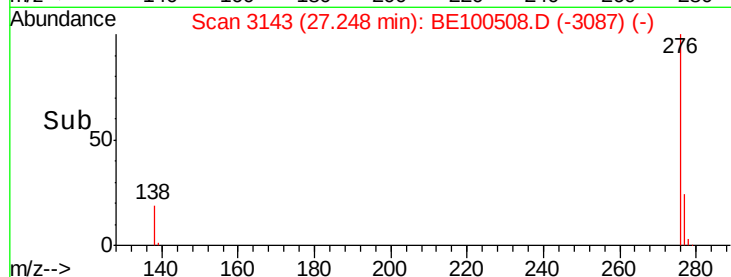
Tot Ion: 276 Resp: 72627

Ion Ratio Lower Upper

276 100

277 24.5 19.6 29.4

138 20.0 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

