

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
 Data File : BE100509.D
 Acq On : 18 Sep 2019 16:18
 Operator : HP/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 18 17:10:51 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	7978	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	37347	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	20184	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	50181	0.40	ng	0.00
27) Chrysene-d12	21.37	240	58796	0.40	ng	0.00
34) Perylene-d12	23.84	264	66066	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	18640	0.96	ng	0.00
5) Phenol-d6	7.02	99	24672	0.89	ng	0.00
8) Nitrobenzene-d5	9.00	82	15656	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	47274	0.76	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	3364	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	60216	0.73	ng	0.00
25) Fluoranthene-d10	19.23	212	510398	0.74	ng	0.00
29) Terphenyl-d14	19.82	244	113758	0.78	ng	0.00

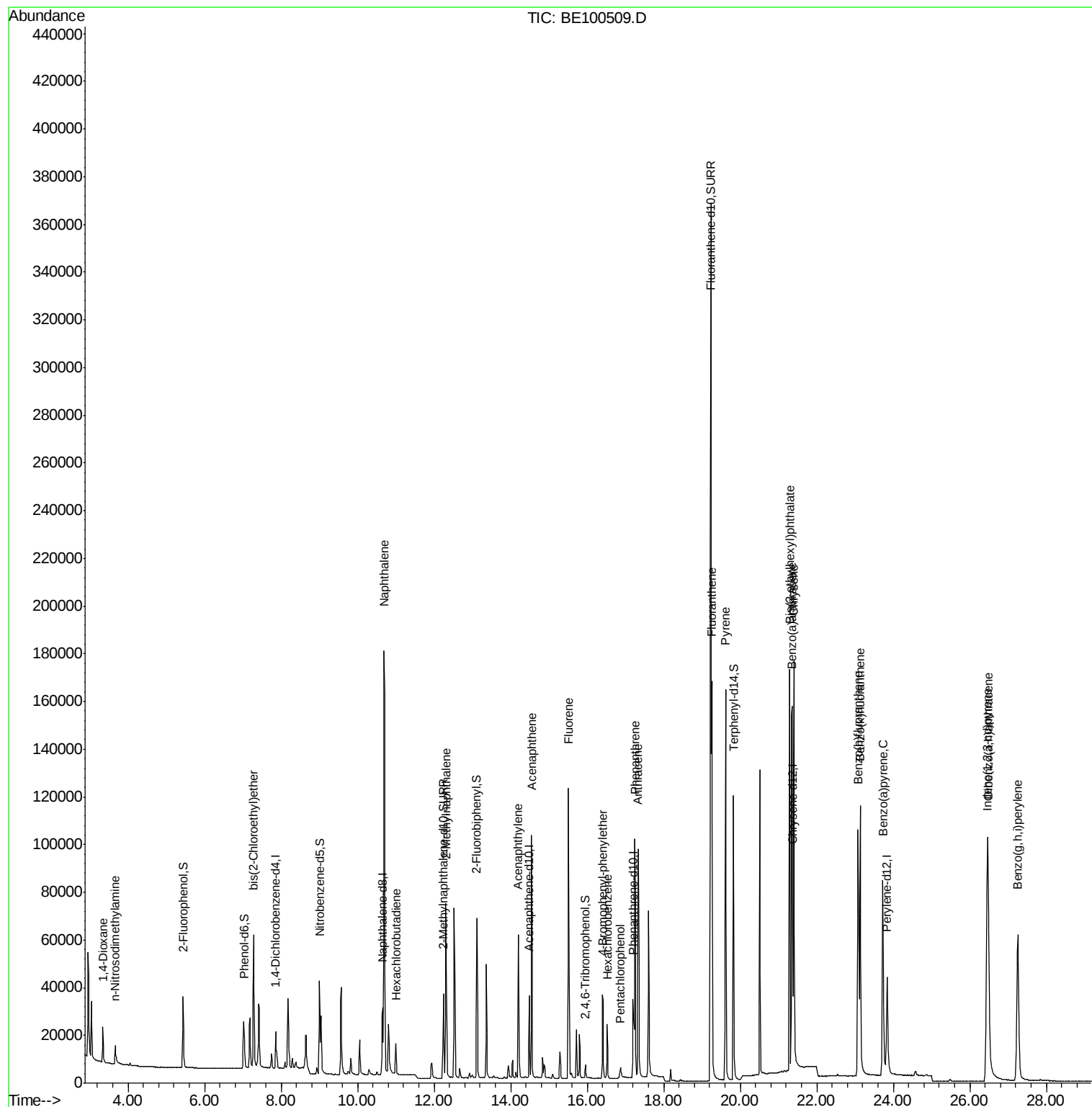
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	10583	0.882	ng	99
3) n-Nitrosodimethylamine	3.66	42	6339	0.868	ng	# 96
6) bis(2-Chloroethyl)ether	7.28	93	22738	0.953	ng	98
9) Naphthalene	10.69	128	323450	0.901	ng	100
10) Hexachlorobutadiene	11.00	225	10078	0.588	ng	99
12) 2-Methylnaphthalene	12.31	142	53415	0.828	ng	98
16) Acenaphthylene	14.20	152	82024	0.879	ng	99
17) Acenaphthene	14.54	154	51879	0.923	ng	100
18) Fluorene	15.51	166	66905	0.893	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	19466	0.815	ng	98
21) Hexachlorobenzene	16.52	284	15898	0.647	ng	99
22) Pentachlorophenol	16.87	266	3805	0.367	ng	98
23) Phenanthrene	17.24	178	114816	0.934	ng	100
24) Anthracene	17.33	178	102130	0.872	ng	100
26) Fluoranthene	19.26	202	146440	0.827	ng	100
28) Pyrene	19.62	202	148710	0.812	ng	100
30) Benzo(a)anthracene	21.34	228	151270	0.843	ng	99
31) Chrysene	21.40	228	154389	0.871	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	235315	0.571	ng	# 94
33) Indeno(1,2,3-cd)pyrene	26.45	276	182931	0.947	ng	98
35) Benzo(b)fluoranthene	23.08	252	157054	0.868	ng	98
36) Benzo(k)fluoranthene	23.13	252	174400	0.919	ng	99
37) Benzo(a)pyrene	23.73	252	148753	0.846	ng	98
38) Dibenzo(a,h)anthracene	26.48	278	150674	0.907	ng	98
39) Benzo(g,h,i)perylene	27.25	276	154740	0.910	ng	100

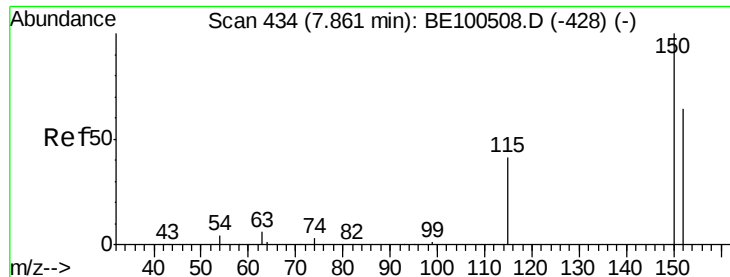
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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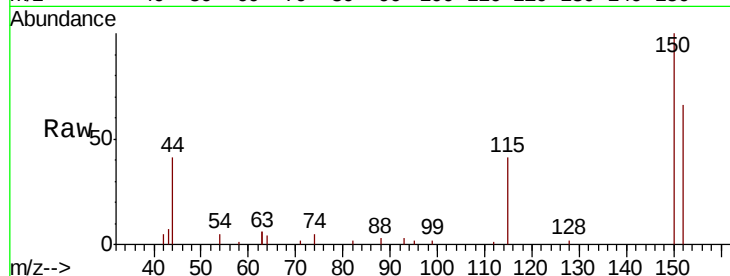


#1

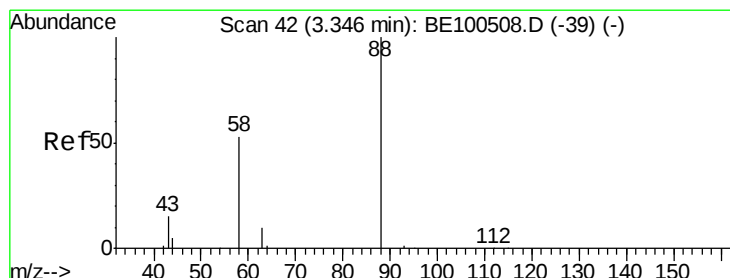
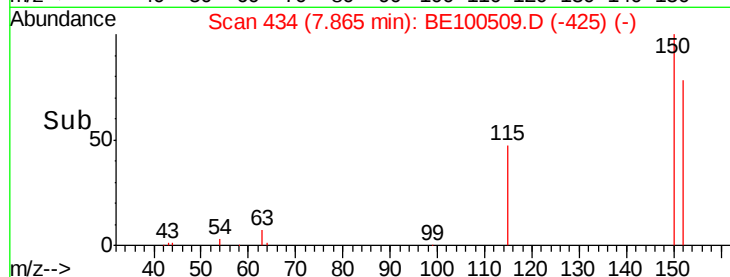
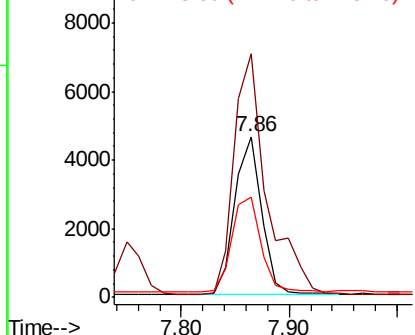
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 7978
Ion Ratio Lower Upper
152 100
150 151.7 124.1 186.1
115 62.5 53.0 79.6



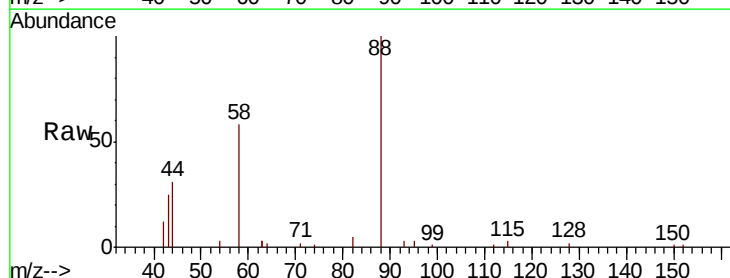
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



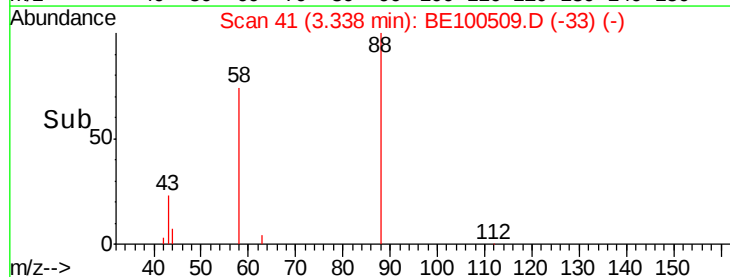
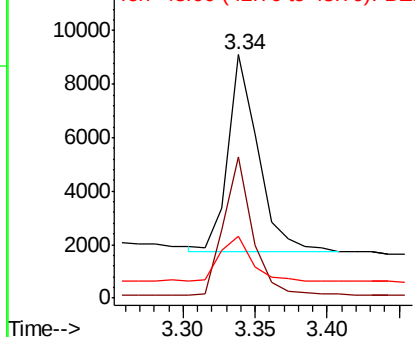
#2

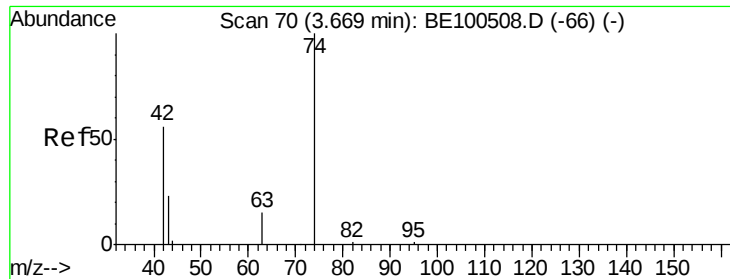
1,4-Dioxane
Concen: 0.882 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion: 88 Resp: 10583
Ion Ratio Lower Upper
88 100
58 69.2 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: 0.868 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

Instrument :

BNA_N

ClientSampleId :

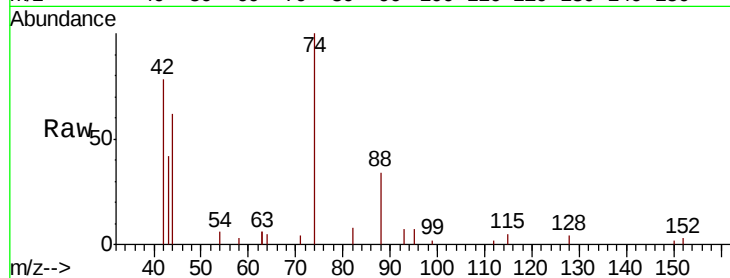
Tot Ion: 42 Resp: 6339

Ion Ratio Lower Upper

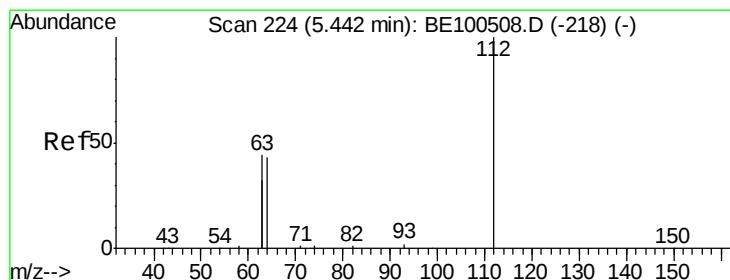
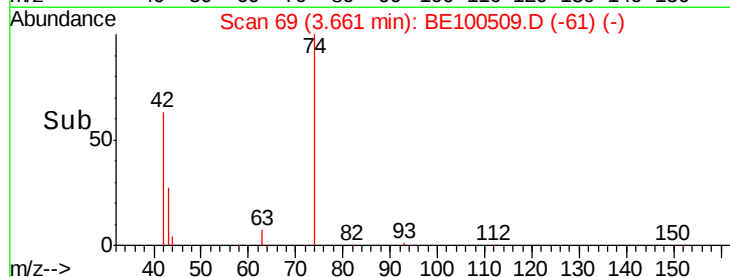
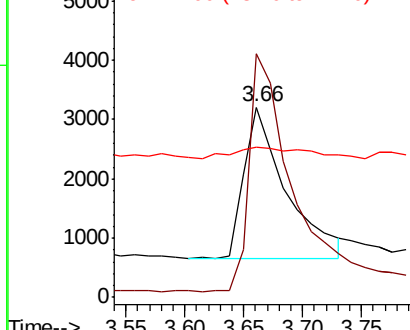
42 100

74 157.1 127.2 190.8

44 12.2 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: 0.958 ng

RT: 5.43 min Scan# 223

Delta R.T. -0.01 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

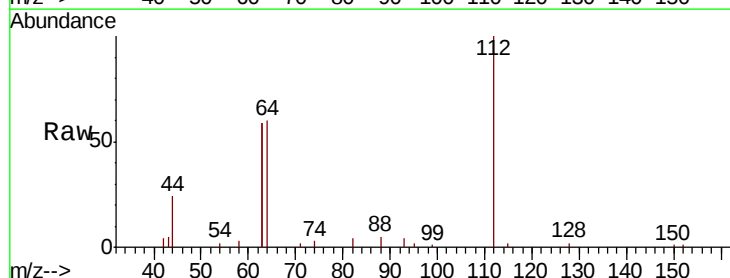
Tgt Ion: 112 Resp: 18640

Ion Ratio Lower Upper

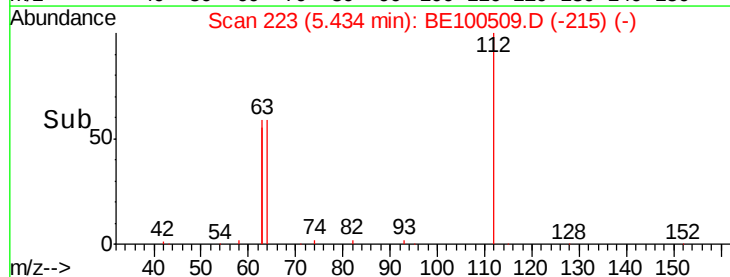
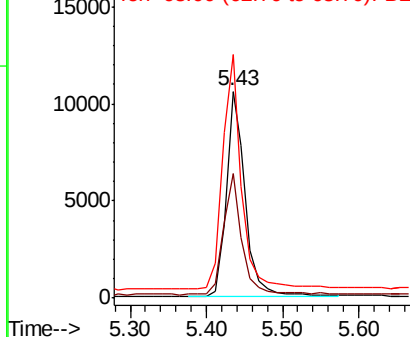
112 100

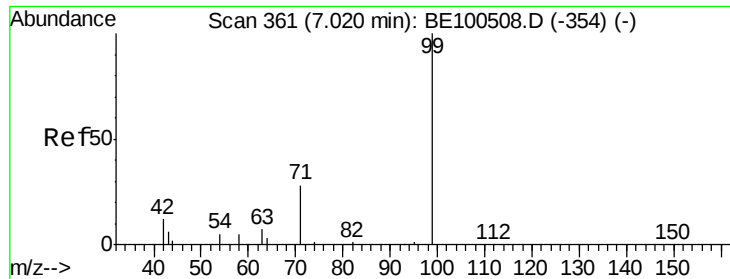
64 57.4 46.2 69.2

63 115.9 88.2 132.4



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





#5

Phenol-d6

Concen: 0.887 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.00 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

Instrument :

BNA_N

ClientSampleId :

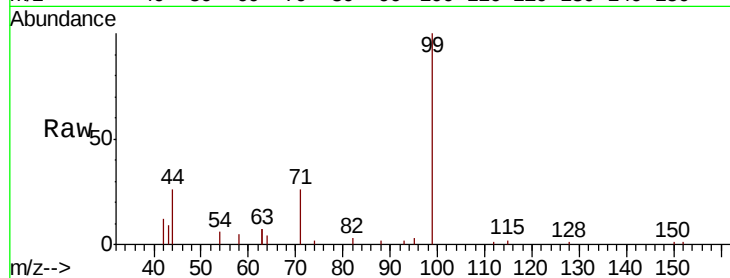
Tot Ion: 99 Resp: 24672

Ion Ratio Lower Upper

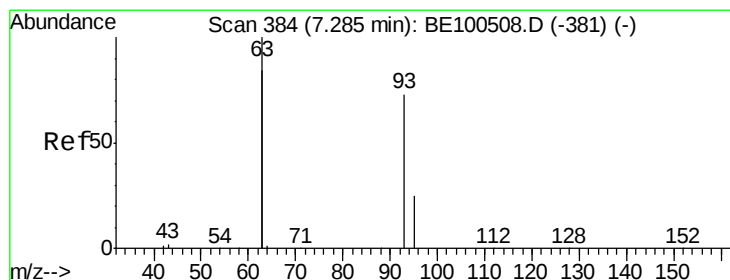
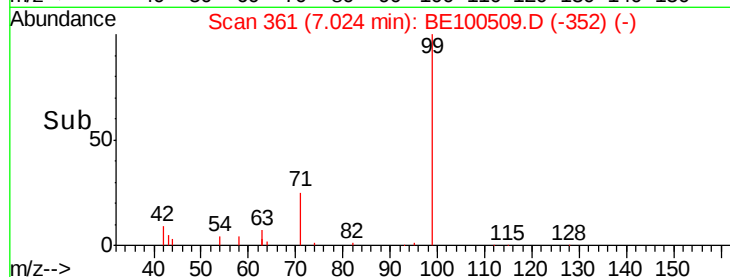
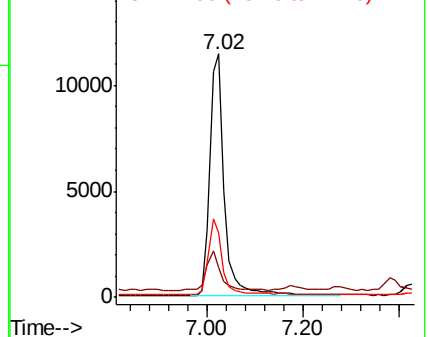
99 100

42 15.1 12.0 18.0

71 30.2 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: 0.953 ng

RT: 7.28 min Scan# 383

Delta R.T. -0.01 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

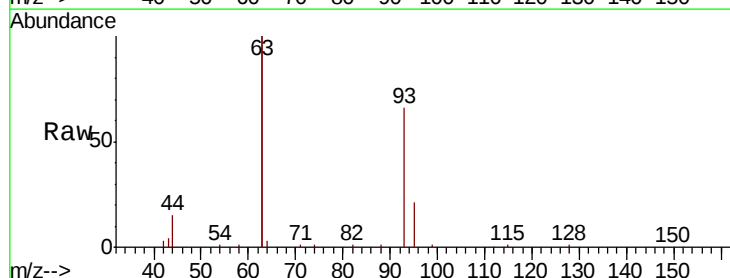
Tgt Ion: 93 Resp: 22738

Ion Ratio Lower Upper

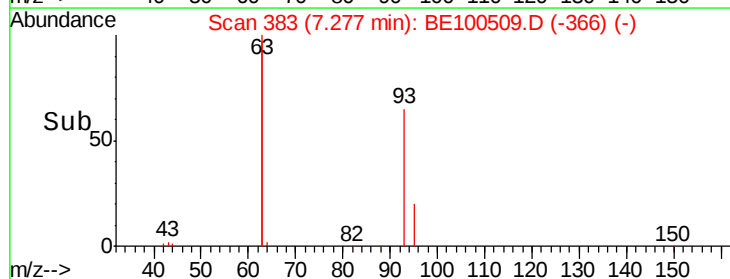
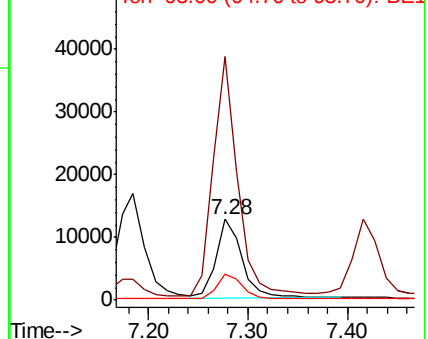
93 100

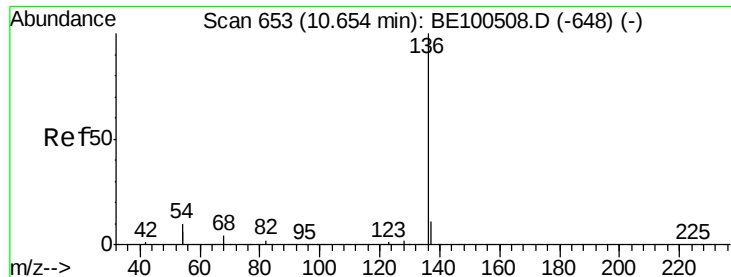
63 288.5 228.3 342.5

95 31.4 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: BE100509.D

Acq: 18 Sep 2019 16:18

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 37347

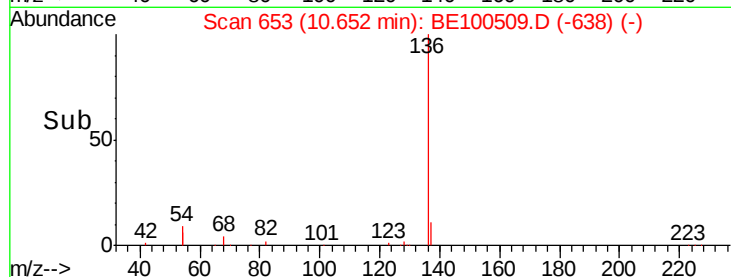
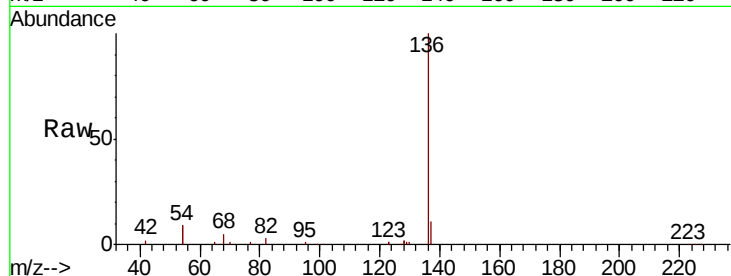
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 18.4 15.4 23.0

68 4.7 4.0 6.0

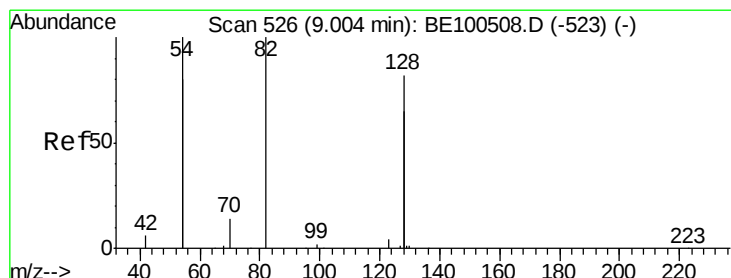
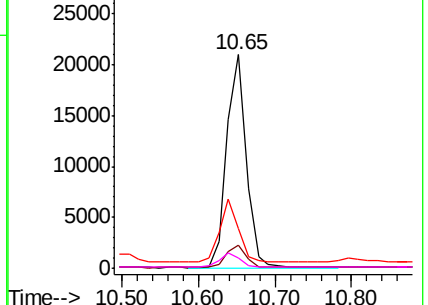


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.504 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.00 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

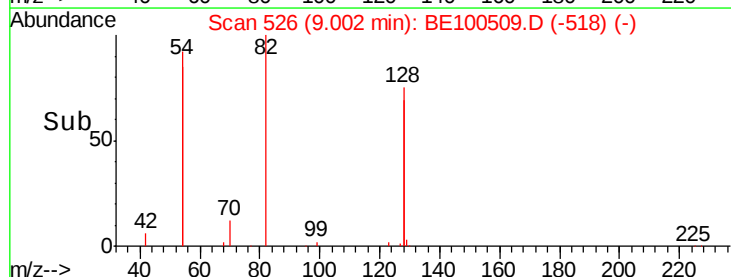
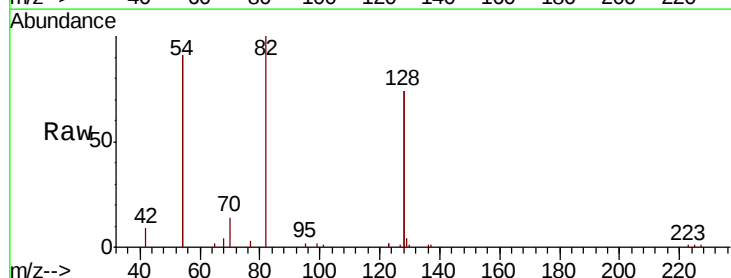
Tgt Ion: 82 Resp: 15656

Ion Ratio Lower Upper

82 100

128 147.5 124.6 186.8

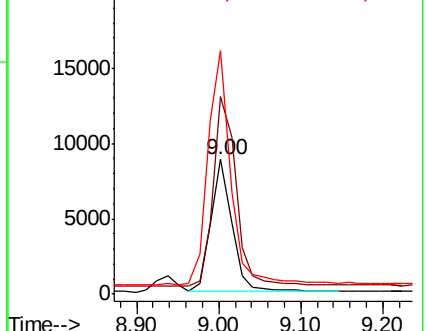
54 181.2 151.8 227.8

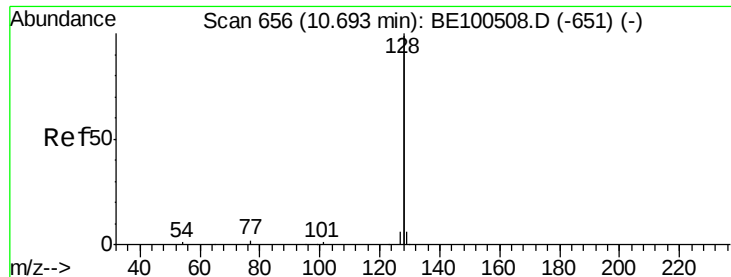


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.901 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

Instrument :

BNA_N

ClientSampleId :

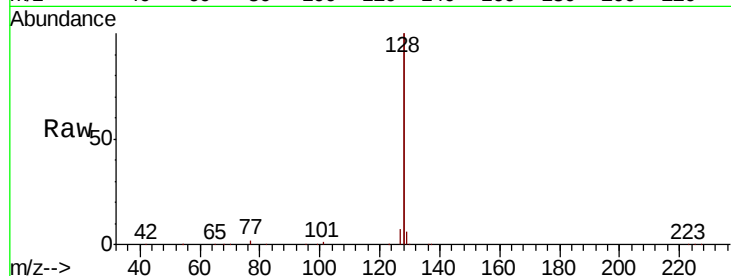
Tot Ion:128 Resp: 323450

Ion Ratio Lower Upper

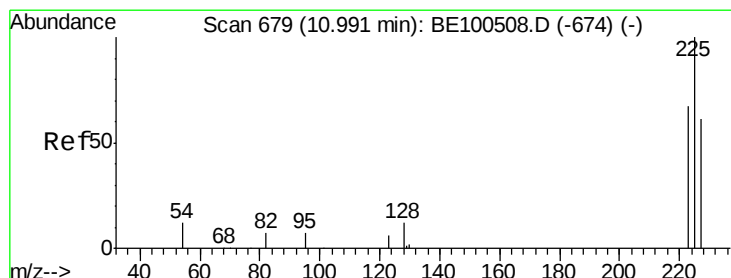
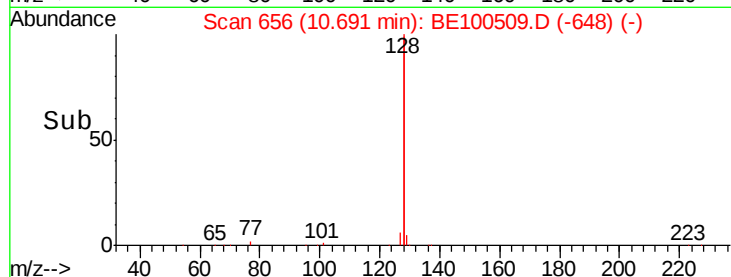
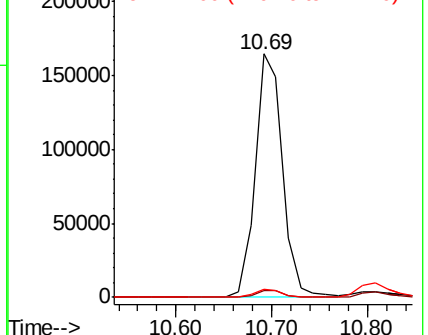
128 100

129 2.8 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: 0.588 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.01 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

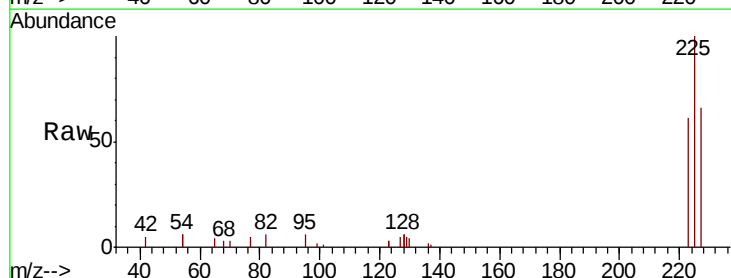
Tgt Ion:225 Resp: 10078

Ion Ratio Lower Upper

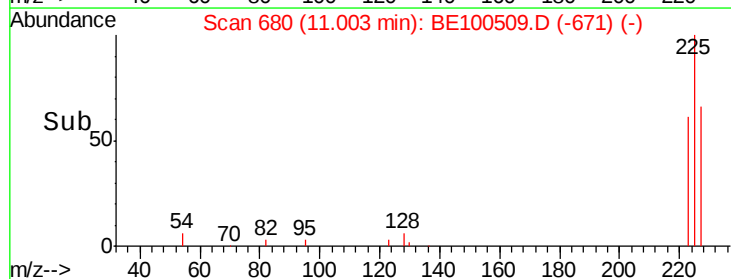
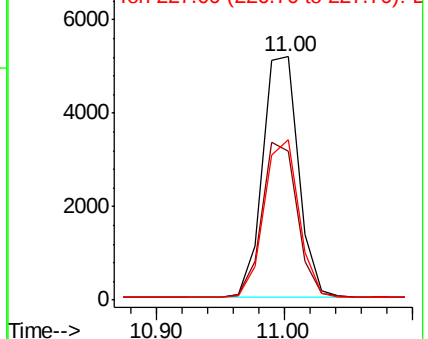
225 100

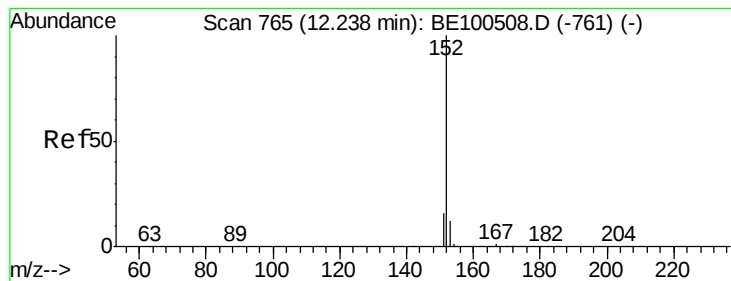
223 62.8 51.0 76.6

227 63.6 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

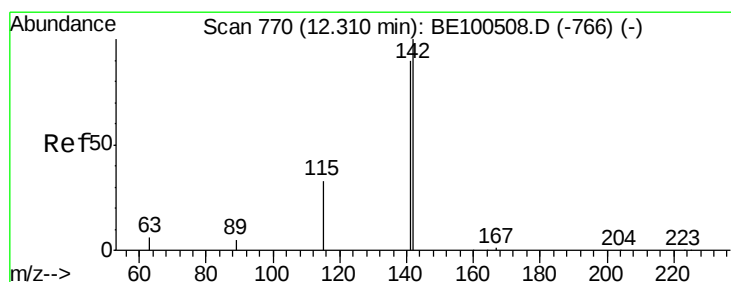
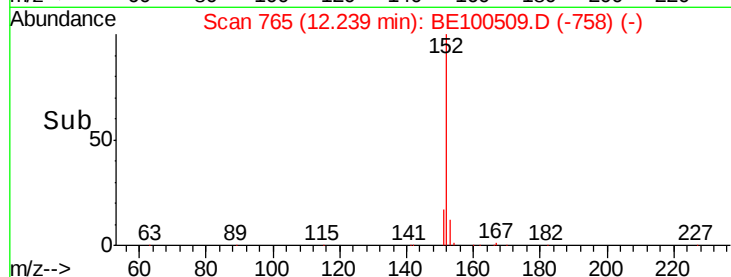
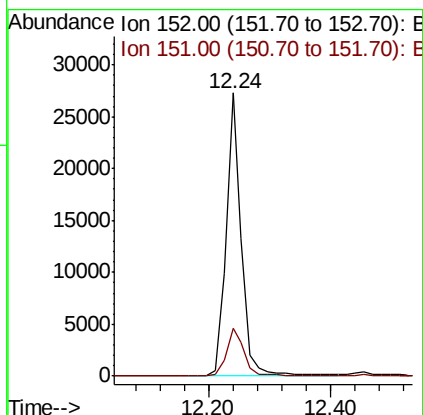
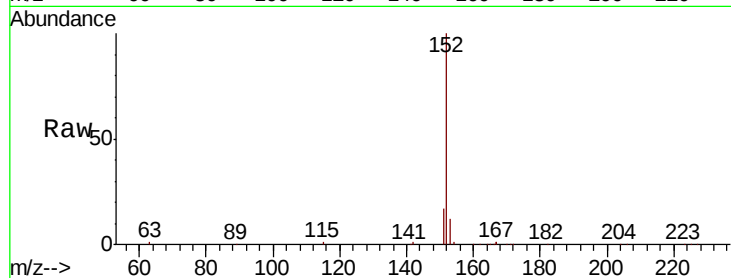




#11
 2-Methylnaphthalene-d10
 Concen: 0.764 ng
 RT: 12.24 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BE100509.D
 Acq: 18 Sep 2019 16:18

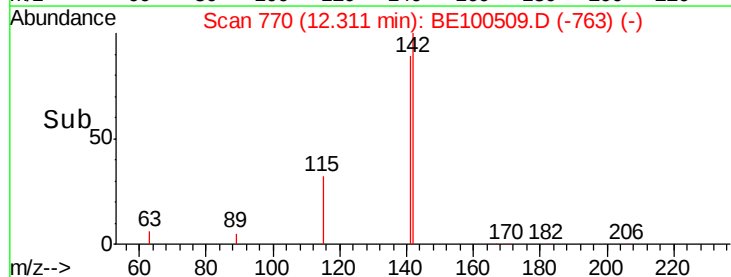
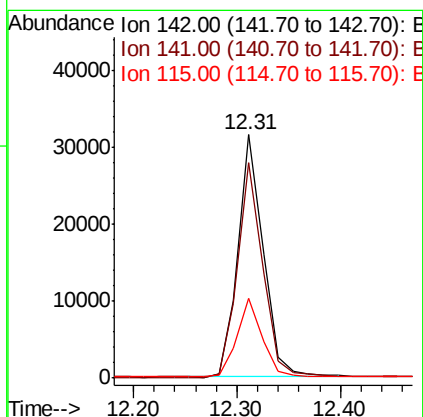
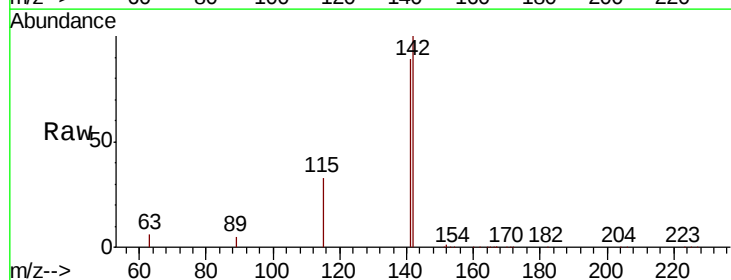
Instrument :
 BNA_N
 ClientSampleId :

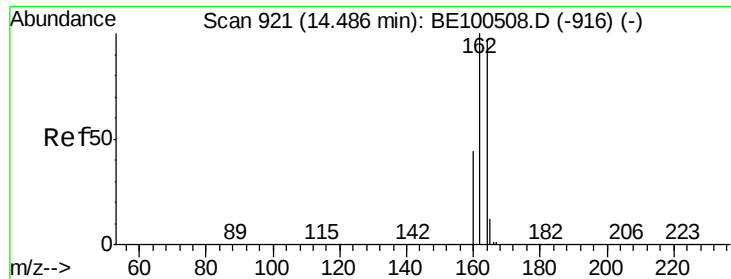
Tot Ion:152 Resp: 47274
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.828 ng
 RT: 12.31 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BE100509.D
 Acq: 18 Sep 2019 16:18

Tgt Ion:142 Resp: 53415
 Ion Ratio Lower Upper
 142 100
 141 88.7 72.1 108.1
 115 32.5 27.4 41.2

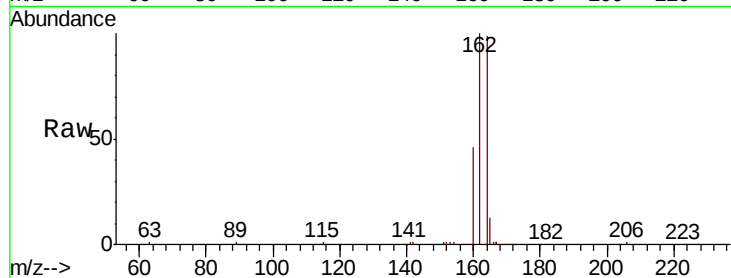




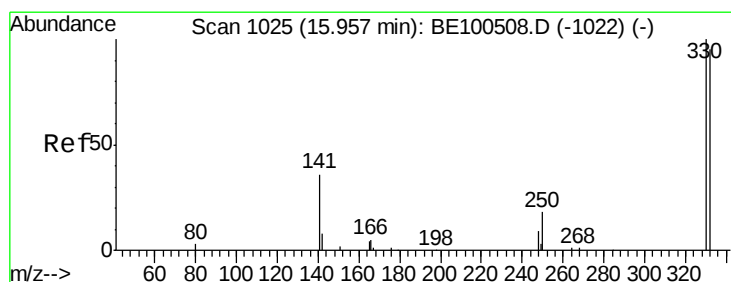
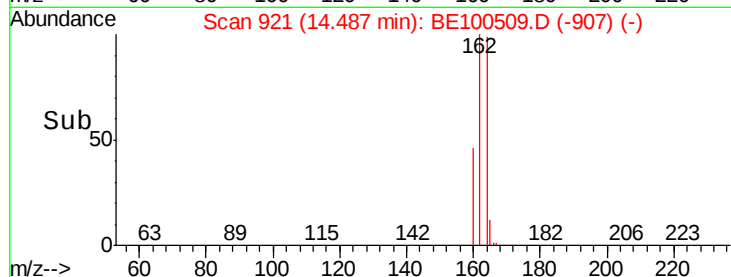
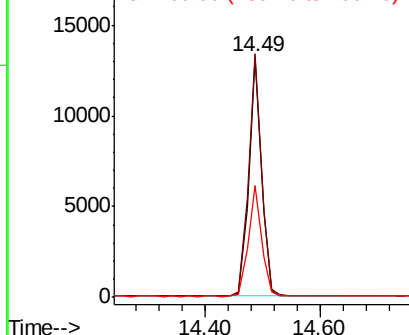
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 20184
Ion Ratio Lower Upper
164 100
162 101.3 82.8 124.2
160 46.4 36.8 55.2

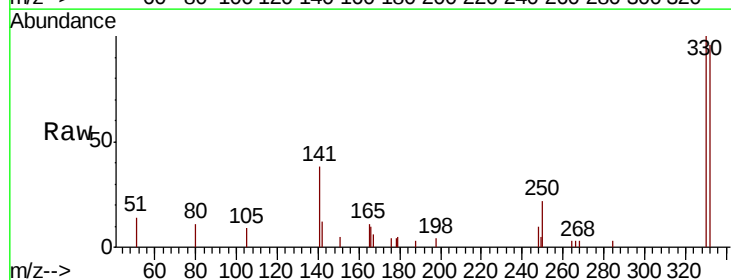


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

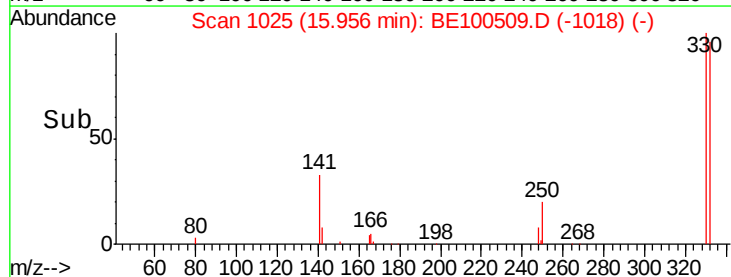
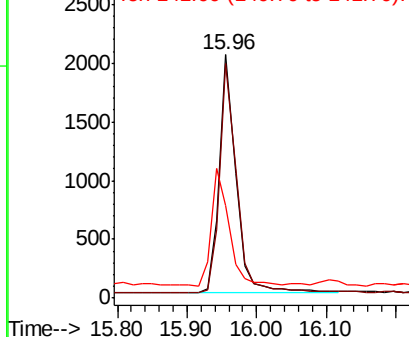


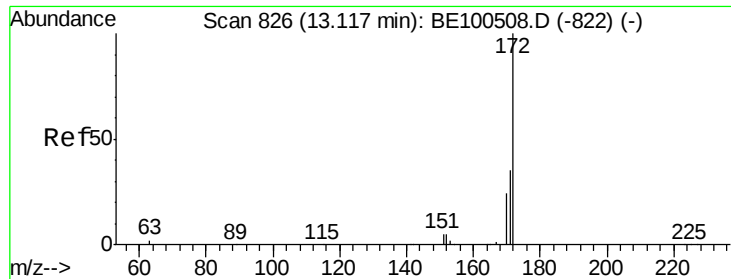
#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:330 Resp: 3364
Ion Ratio Lower Upper
330 100
332 98.2 80.2 120.2
141 51.5 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

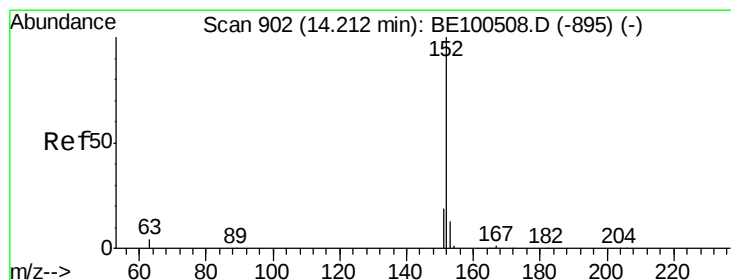
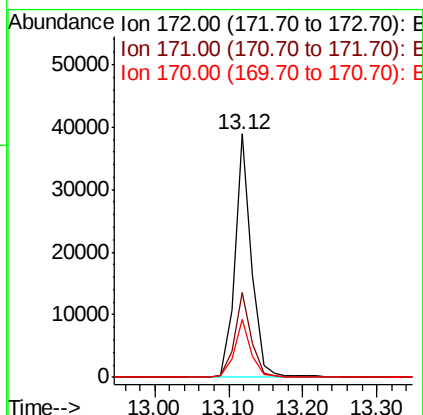
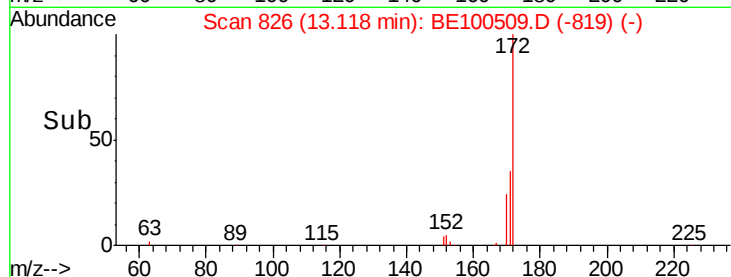
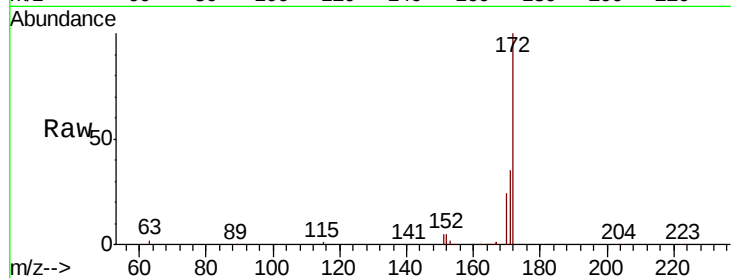




#15
2-Fluorobiphenyl
Concen: 0.734 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

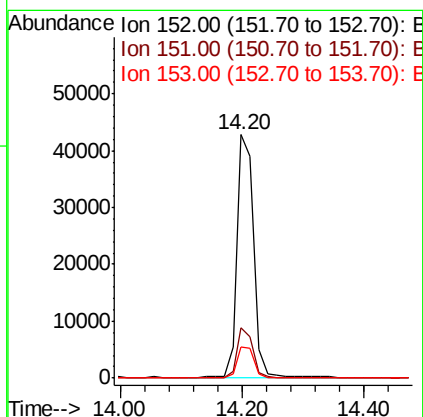
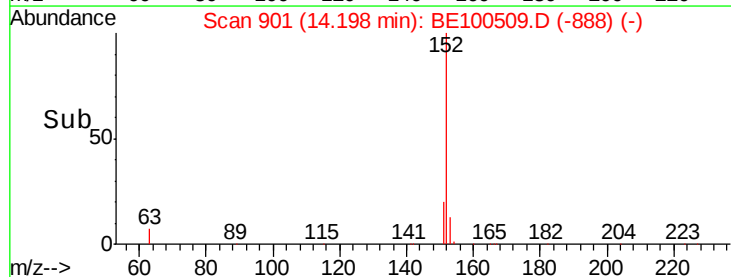
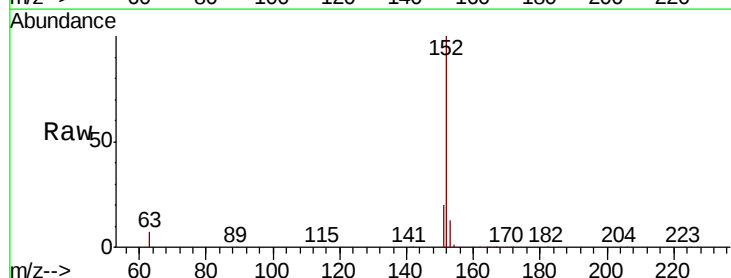
Instrument :
BNA_N
ClientSampleId :

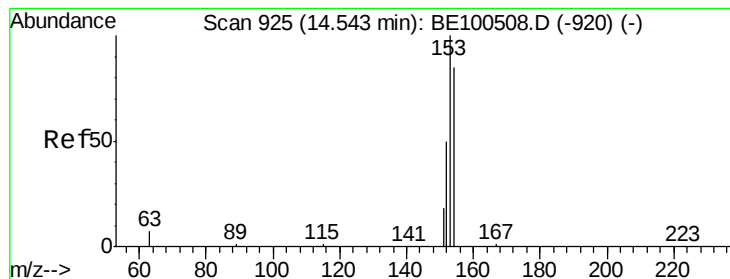
Tot Ion:172 Resp: 60216
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.7 19.2 28.8



#16
Acenaphthylene
Concen: 0.879 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:152 Resp: 82024
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 13.1 10.2 15.2





#17

Acenaphthene

Concen: 0.923 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

Instrument :

BNA_N

ClientSampled :

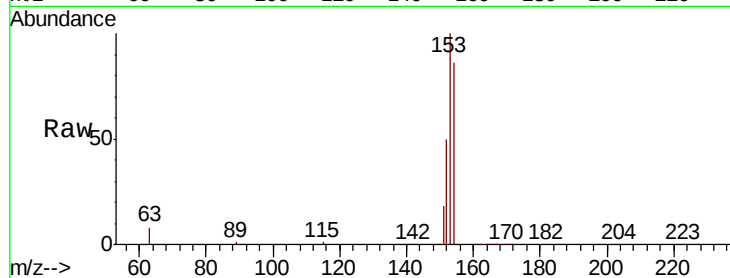
Tot Ion:154 Resp: 51879

Ion Ratio Lower Upper

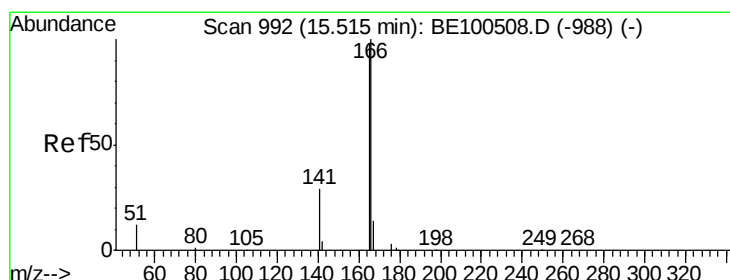
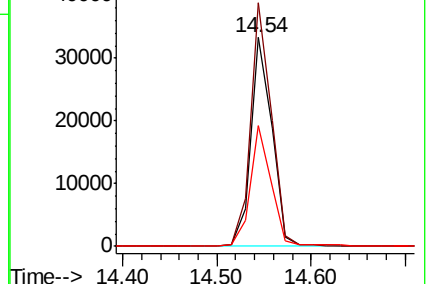
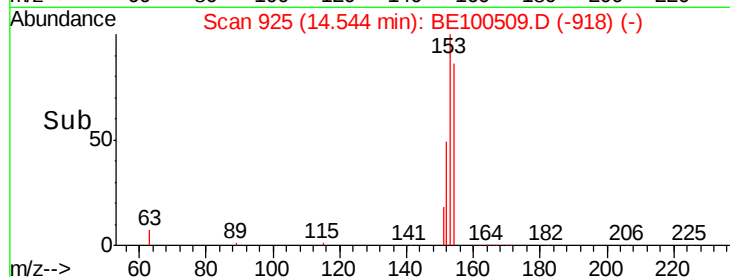
154 100

153 114.4 91.5 137.3

152 56.3 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: 0.893 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

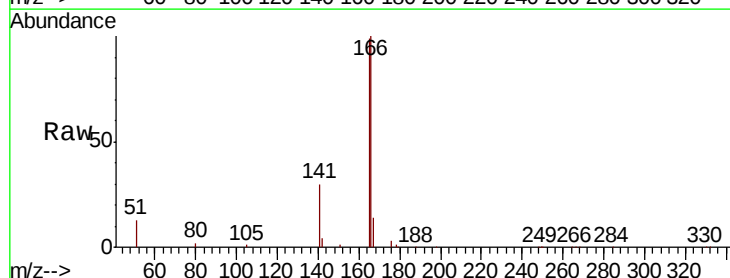
Tgt Ion:166 Resp: 66905

Ion Ratio Lower Upper

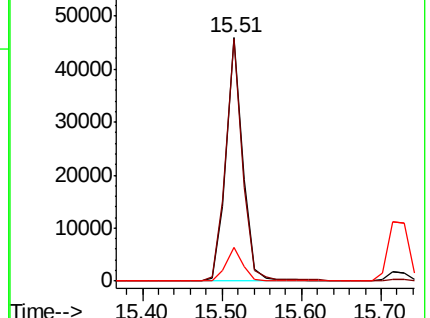
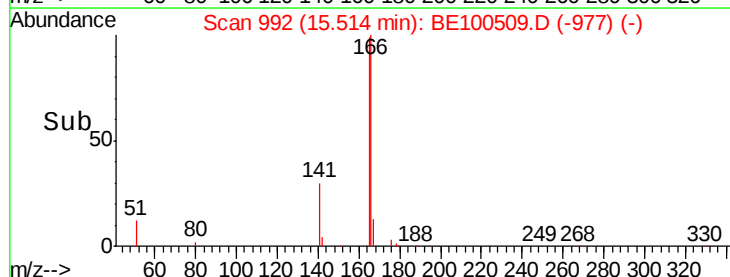
166 100

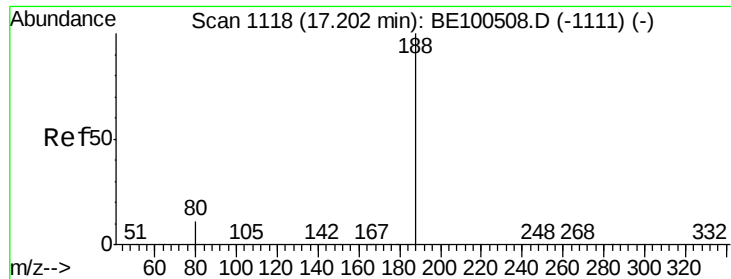
165 99.1 78.9 118.3

167 13.5 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: BE100509.D

Acq: 18 Sep 2019 16:18

Instrument :

BNA_N

ClientSampleId :

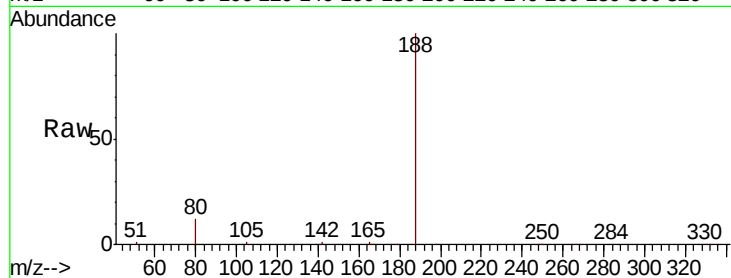
Tot Ion:188 Resp: 50181

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

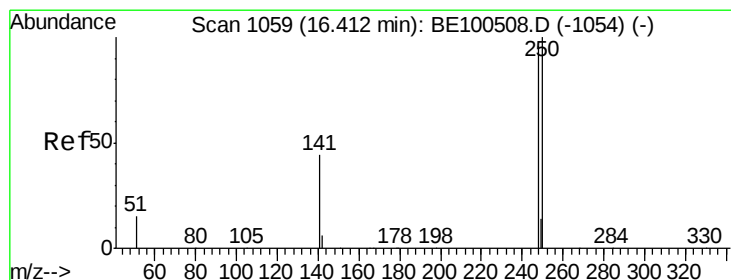
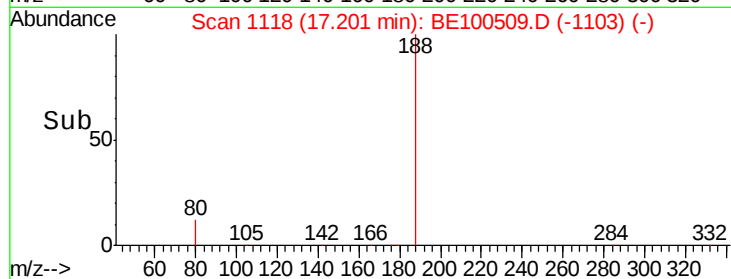
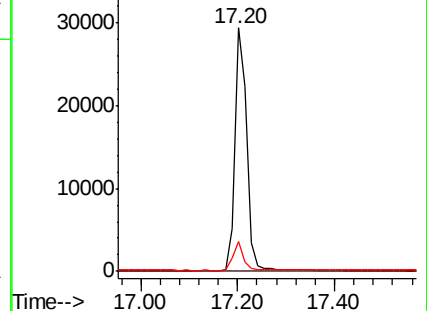
80 12.3 9.0 13.6



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: 0.815 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

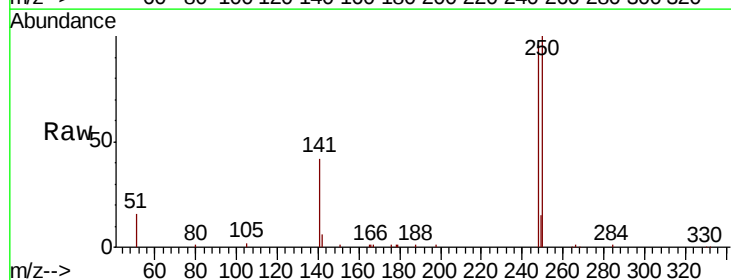
Tgt Ion:248 Resp: 19466

Ion Ratio Lower Upper

248 100

250 104.7 83.0 124.4

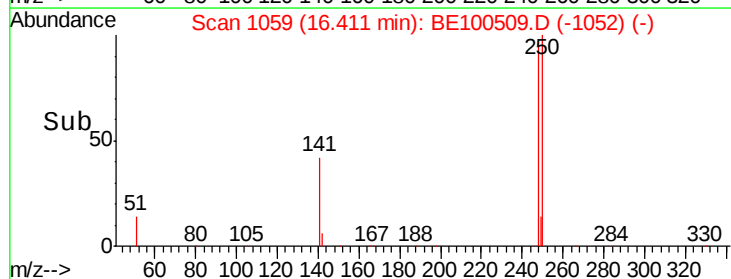
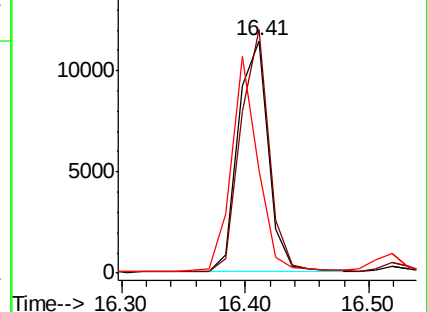
141 44.2 38.0 57.0

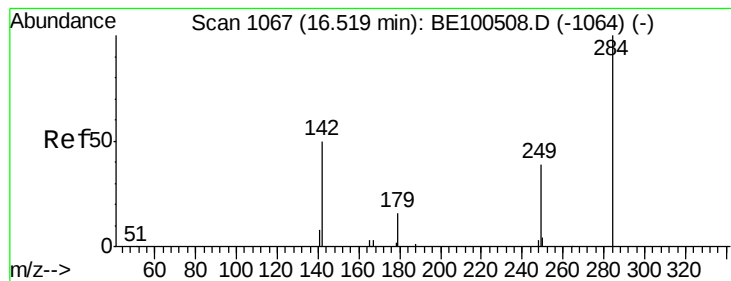


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.647 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

Instrument :

BNA_N

ClientSampleId :

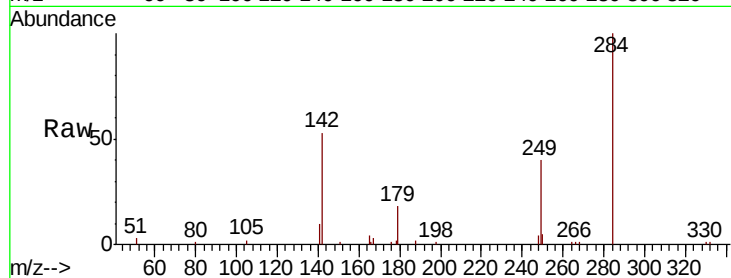
Tot Ion:284 Resp: 15898

Ion Ratio Lower Upper

284 100

142 47.8 38.2 57.4

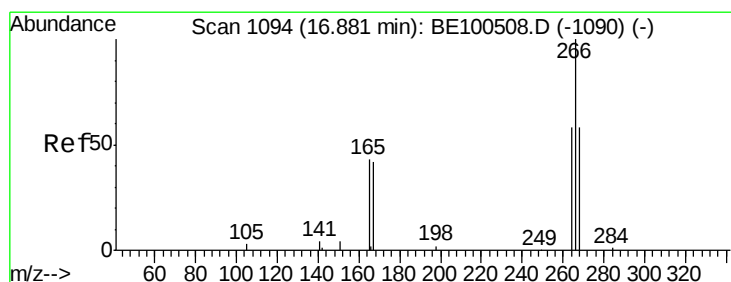
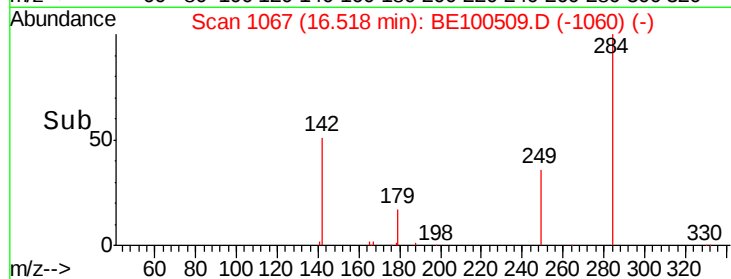
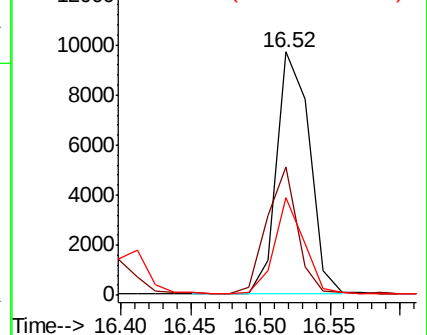
249 34.9 28.8 43.2



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: 0.367 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

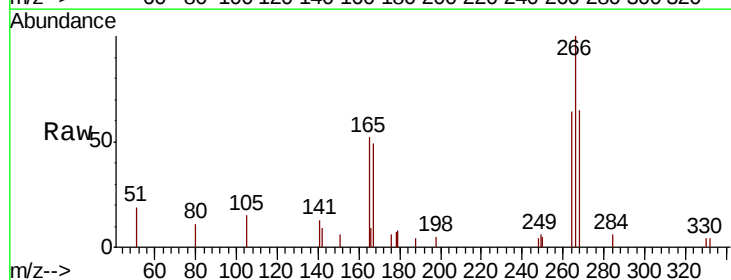
Tgt Ion:266 Resp: 3805

Ion Ratio Lower Upper

266 100

264 64.4 48.6 73.0

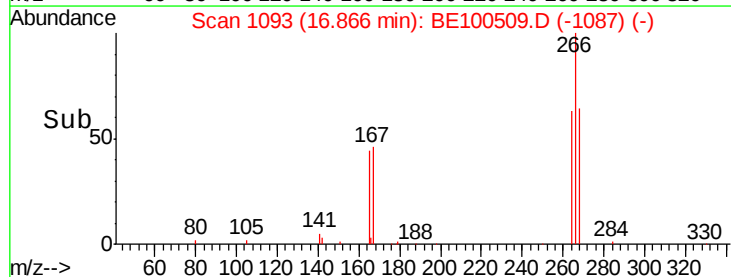
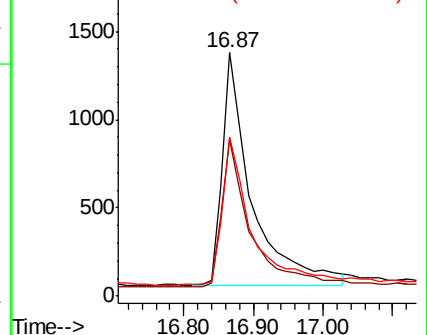
268 65.4 52.3 78.5

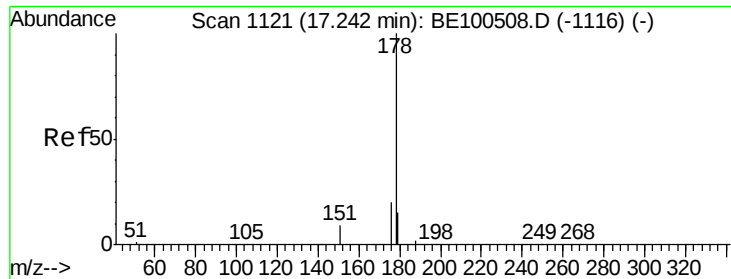


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

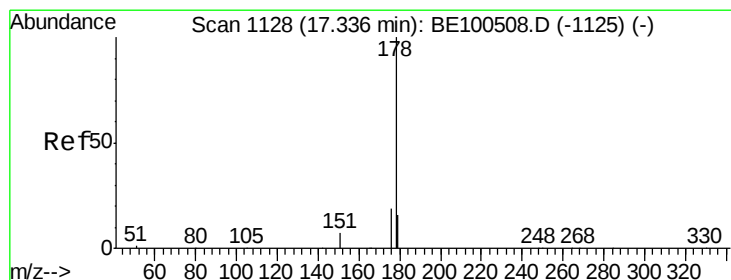
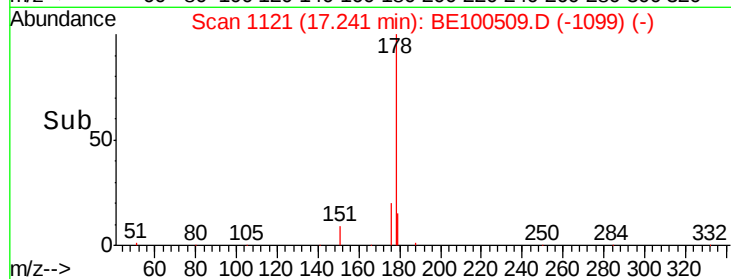
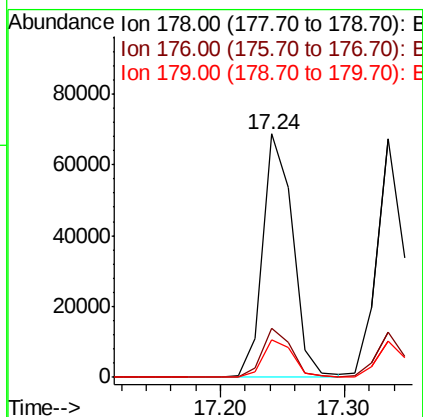
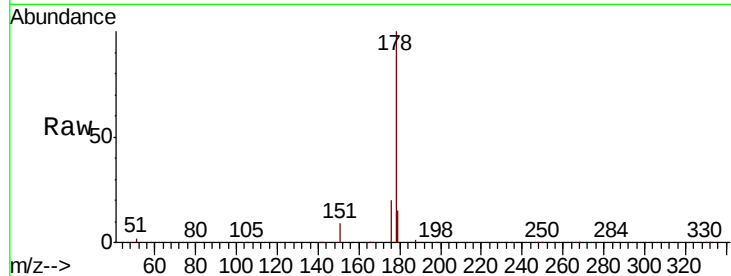




#23
Phenanthrene
Concen: 0.934 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

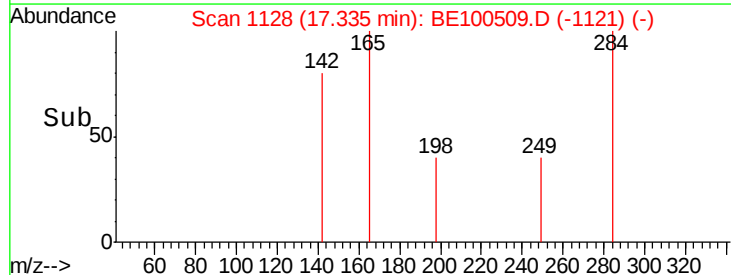
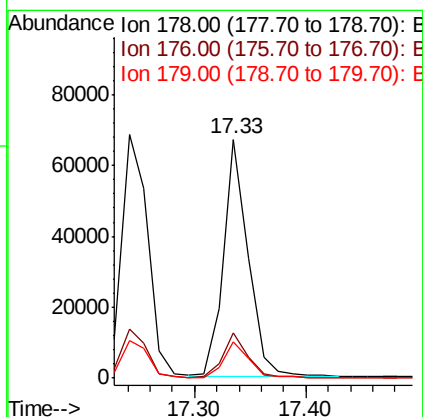
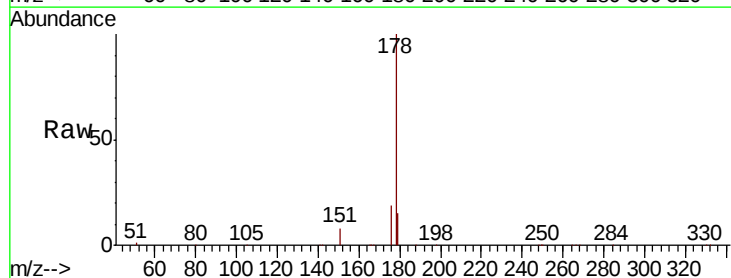
Instrument :
BNA_N
ClientSampleId :

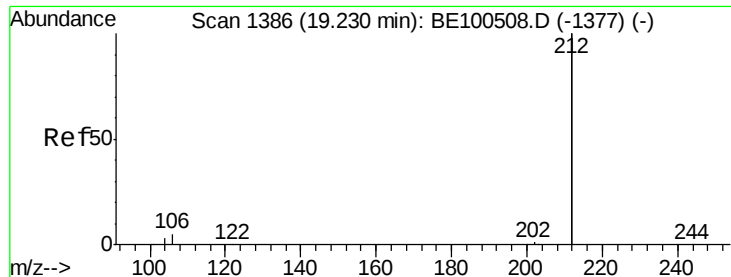
Tot Ion:178 Resp: 114816
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.4 12.4 18.6



#24
Anthracene
Concen: 0.872 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:178 Resp: 102130
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.3 12.4 18.6





#25

Fluoranthene-d10

Concen: 0.743 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

Instrument :

BNA_N

ClientSampleId :

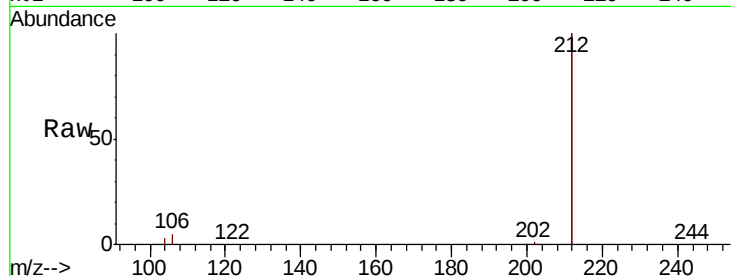
Tot Ion:212 Resp: 510398

Ion Ratio Lower Upper

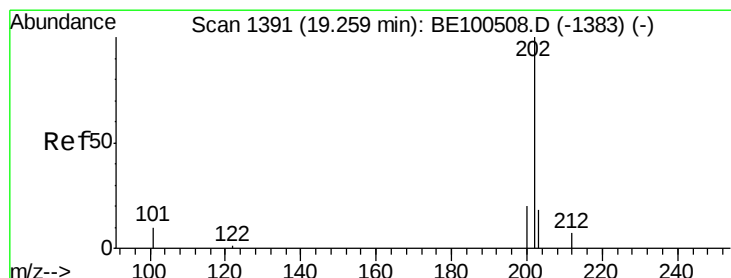
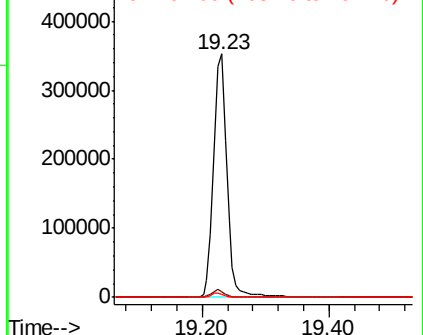
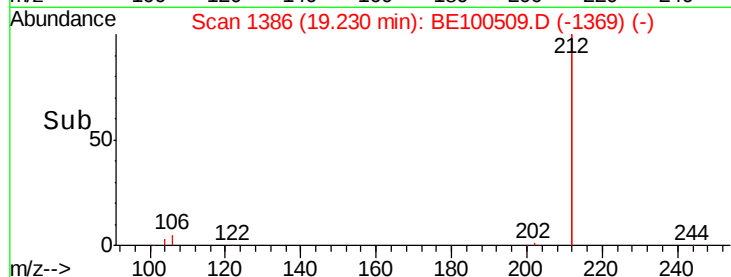
212 100

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: 0.827 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

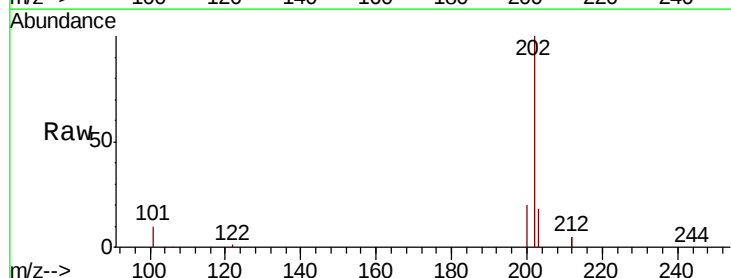
Tgt Ion:202 Resp: 146440

Ion Ratio Lower Upper

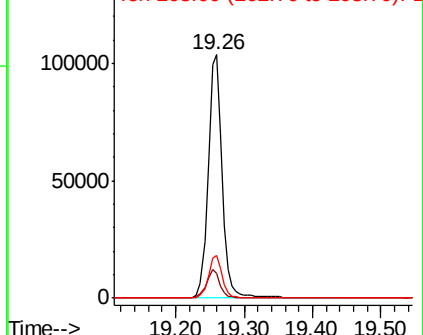
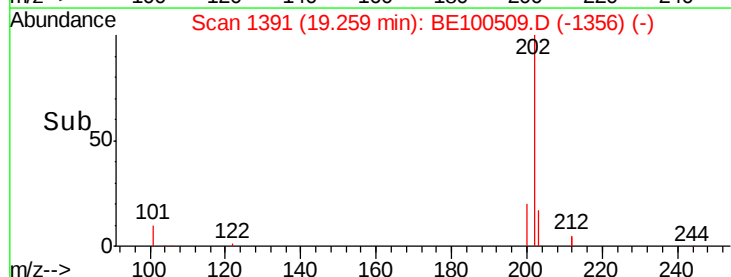
202 100

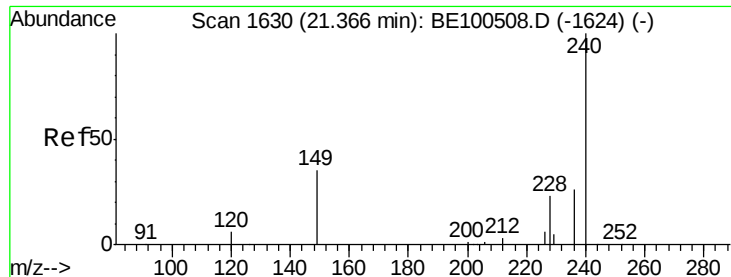
101 11.2 8.8 13.2

203 17.2 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: BE100509.D

Acq: 18 Sep 2019 16:18

Instrument :

BNA_N

ClientSampleId :

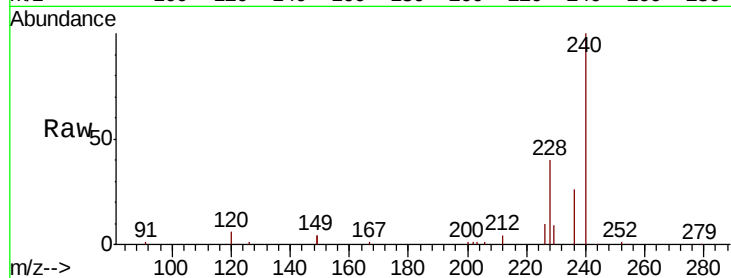
Tot Ion:240 Resp: 58796

Ion Ratio Lower Upper

240 100

120 6.4 5.1 7.7

236 25.9 20.9 31.3

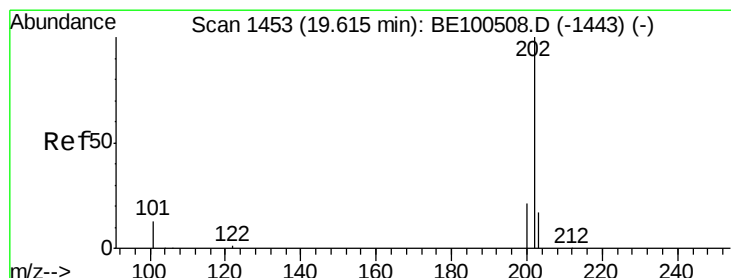
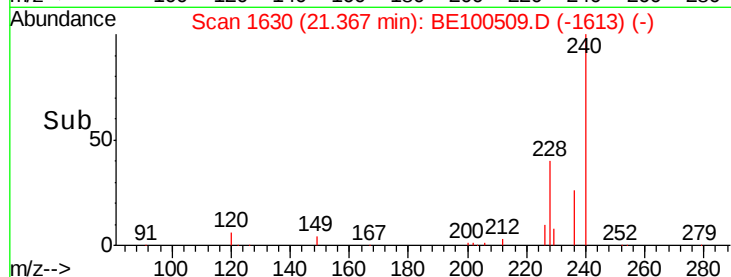
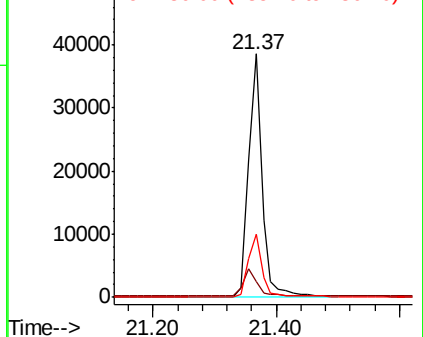


Abundance

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: 0.812 ng

RT: 19.62 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

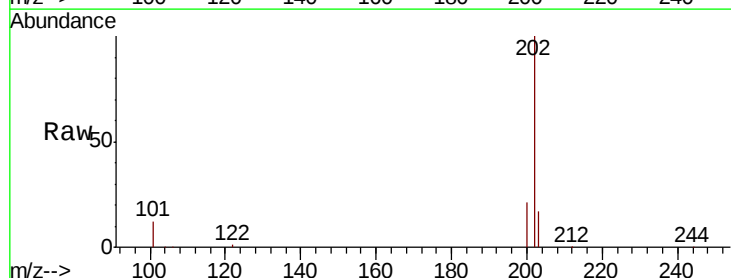
Tgt Ion:202 Resp: 148710

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

203 17.6 13.9 20.9

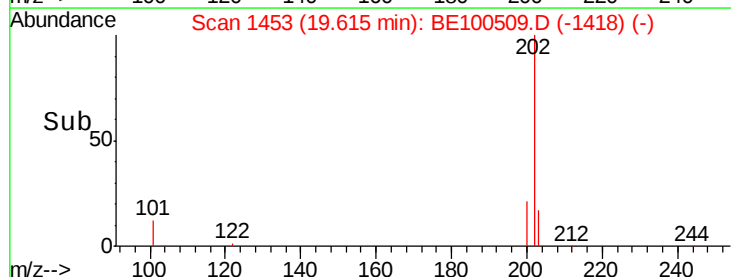
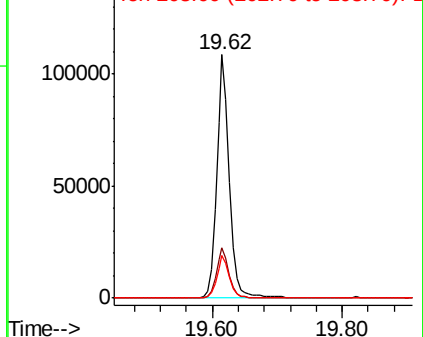


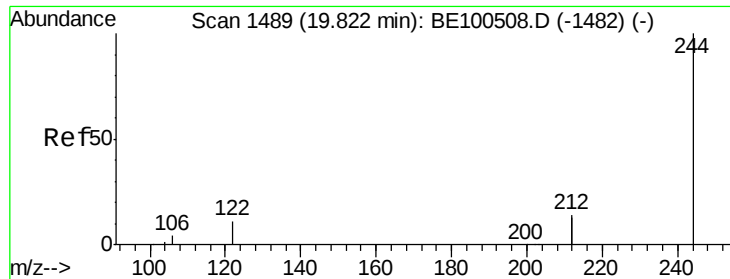
Abundance

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: 0.784 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

Instrument :

BNA_N

ClientSampled :

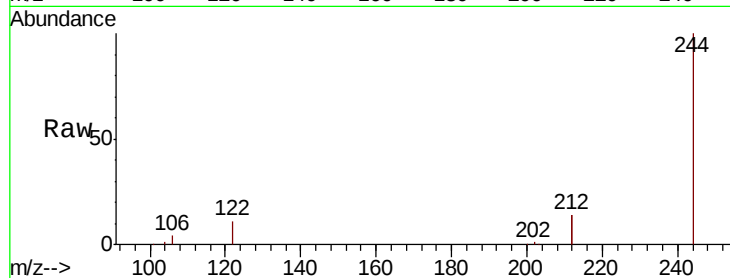
Tot Ion:244 Resp: 113758

Ion Ratio Lower Upper

244 100

212 27.4 22.8 34.2

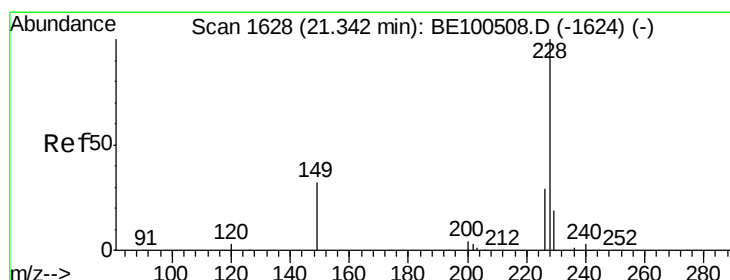
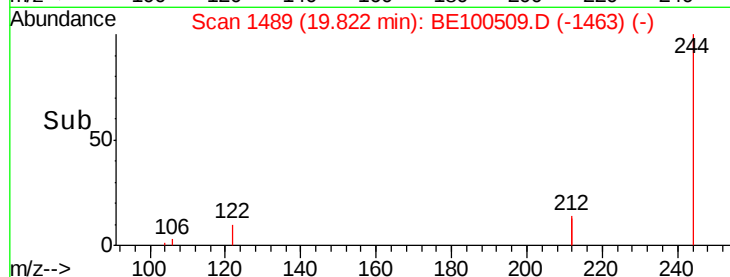
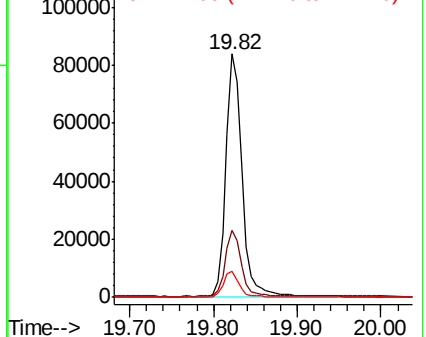
122 10.6 9.0 13.4



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: 0.843 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

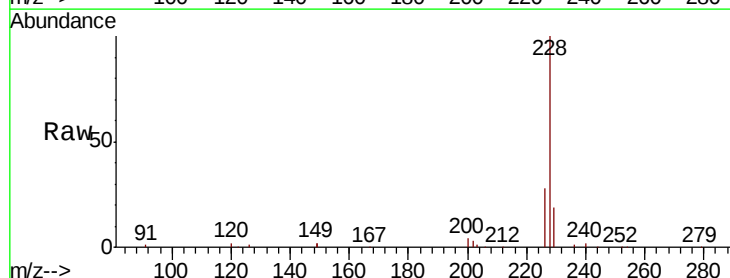
Tgt Ion:228 Resp: 151270

Ion Ratio Lower Upper

228 100

226 28.0 23.1 34.7

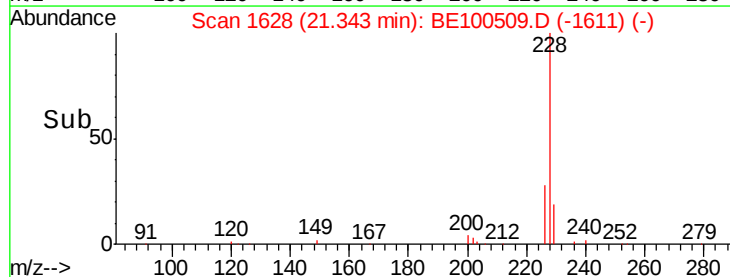
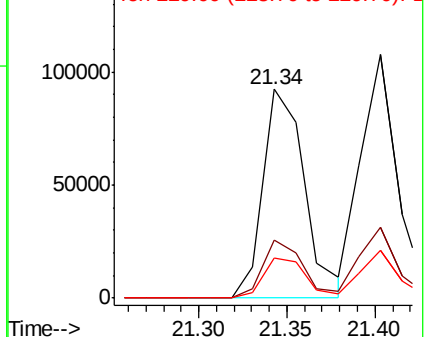
229 19.2 15.3 22.9

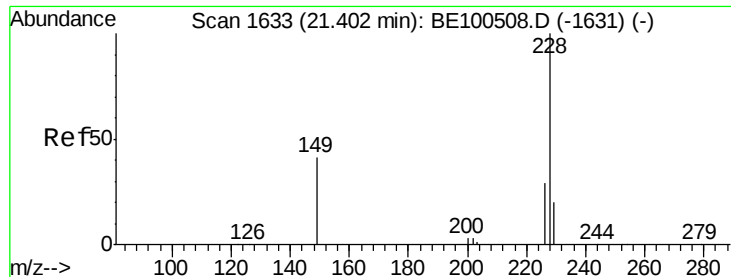


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrvsene

Concen: 0.871 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

Instrument :

BNA_N

ClientSampleId :

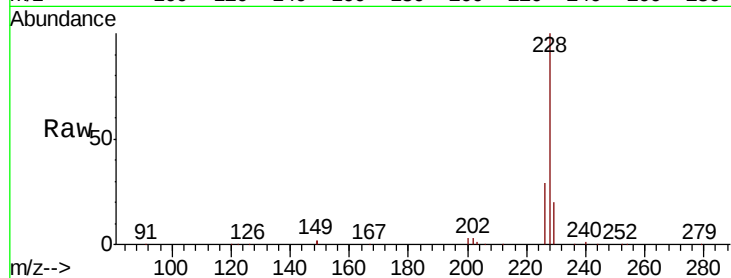
Tot Ion:228 Resp: 154389

Ion Ratio Lower Upper

228 100

226 29.2 23.1 34.7

229 19.8 15.8 23.8

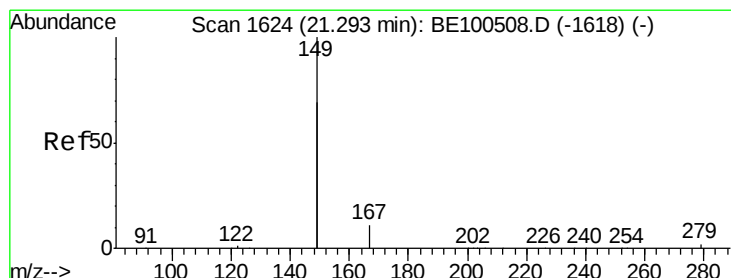
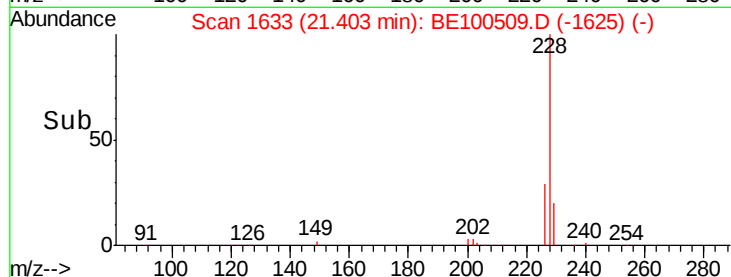
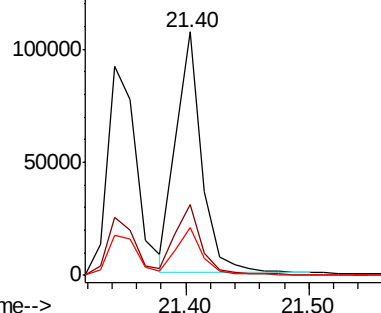


Abundance

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: 0.571 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

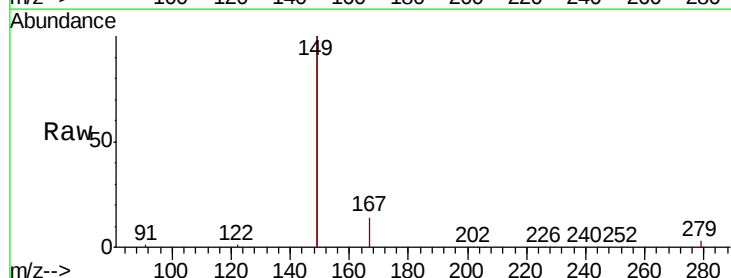
Tgt Ion:149 Resp: 235315

Ion Ratio Lower Upper

149 100

167 6.6 3.5 5.3#

279 1.1 0.6 0.8#

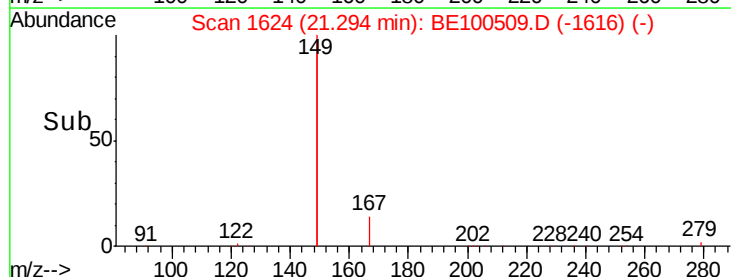
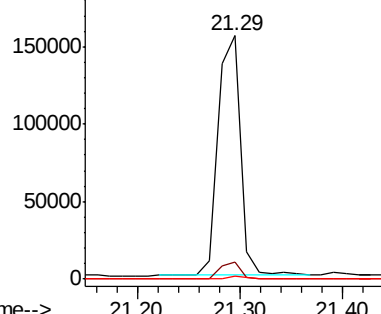


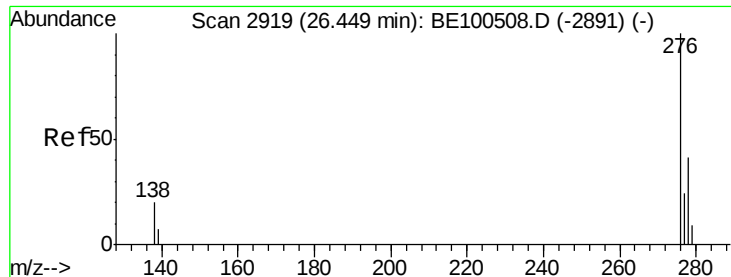
Abundance

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

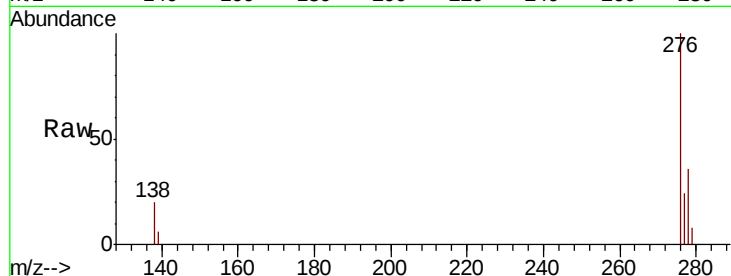




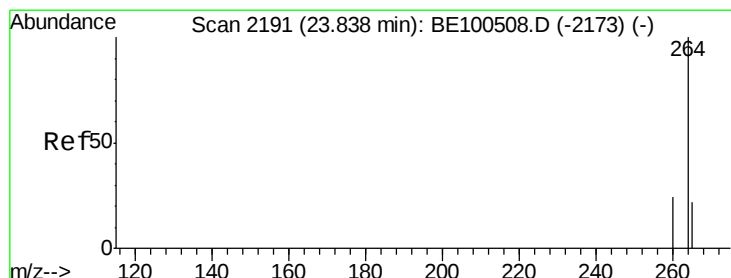
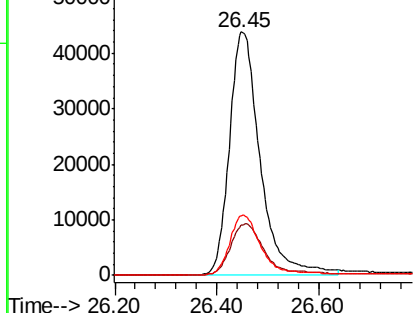
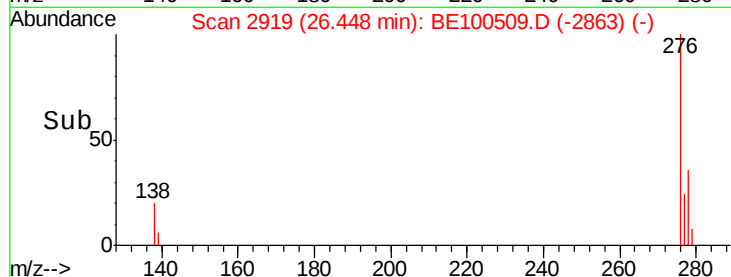
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.947 ng
 RT: 26.45 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: BE100509.D
 Acq: 18 Sep 2019 16:18

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 182931
 Ion Ratio Lower Upper
 276 100
 138 22.9 17.8 26.8
 277 25.0 19.0 28.6

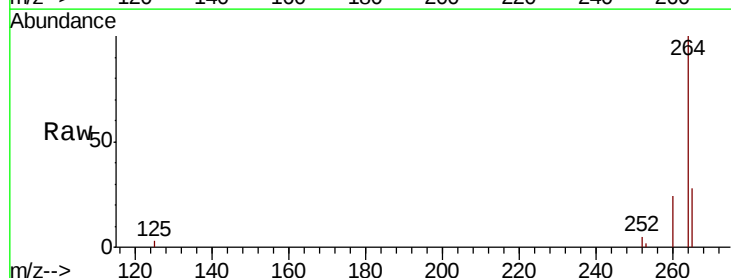


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

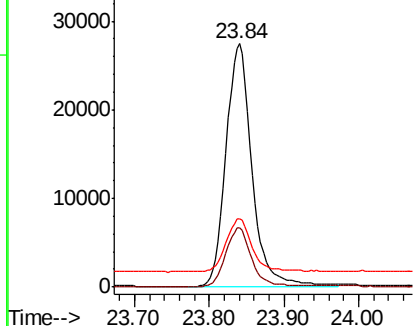
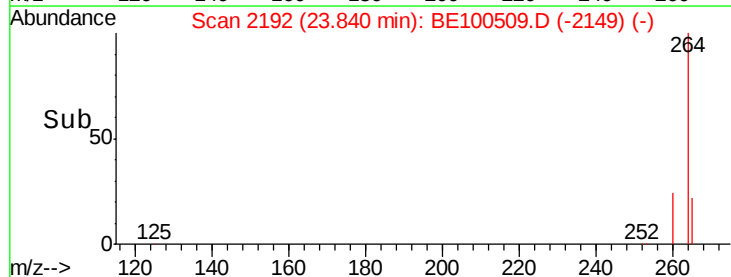


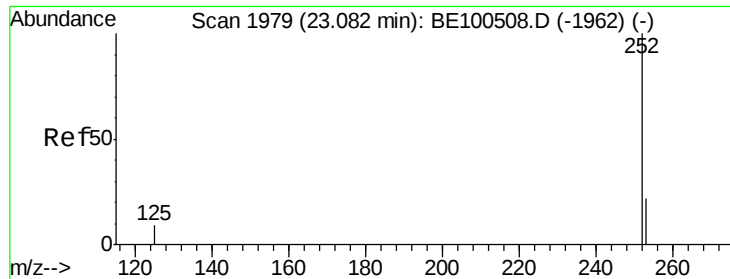
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.84 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BE100509.D
 Acq: 18 Sep 2019 16:18

Tgt Ion:264 Resp: 66066
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 27.8 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: 0.868 ng

RT: 23.08 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

Instrument :

BNA_N

ClientSampleId :

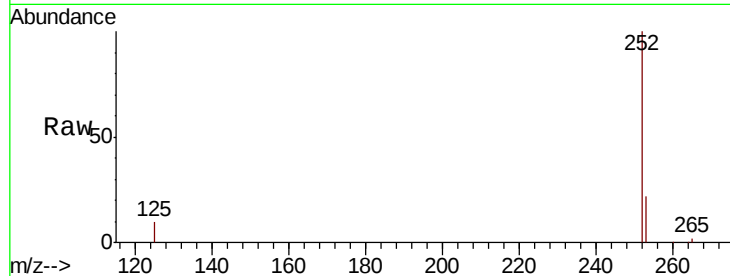
Tot Ion:252 Resp: 157054

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 9.8 8.6 13.0

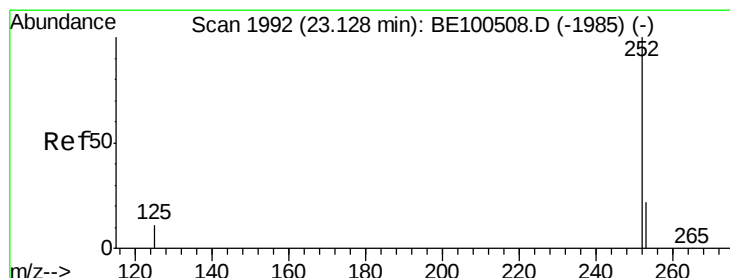
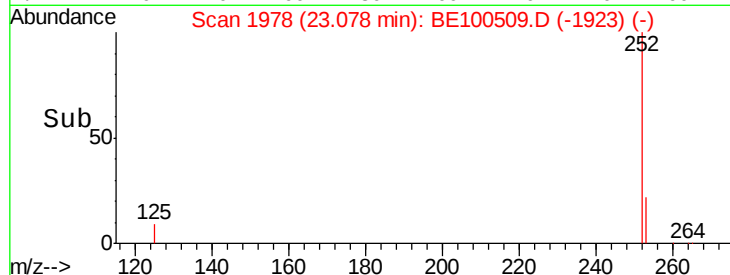
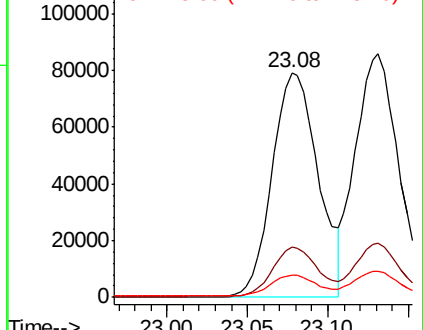


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 0.919 ng

RT: 23.13 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

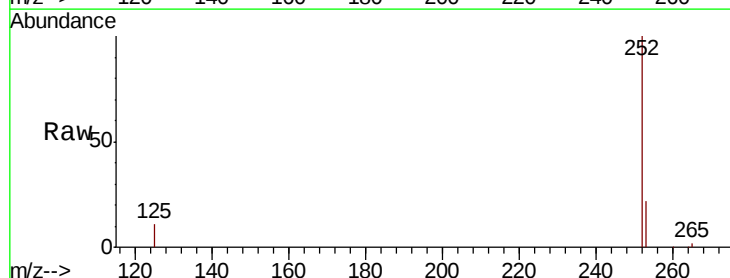
Tgt Ion:252 Resp: 174400

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

125 10.7 9.3 13.9

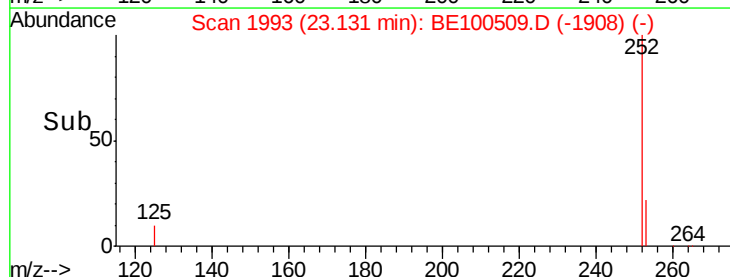
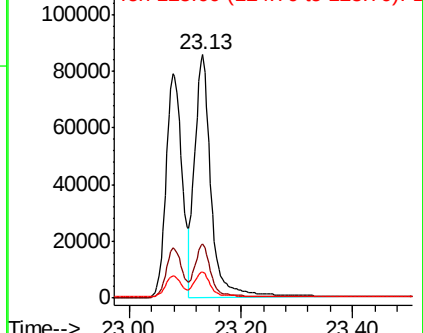


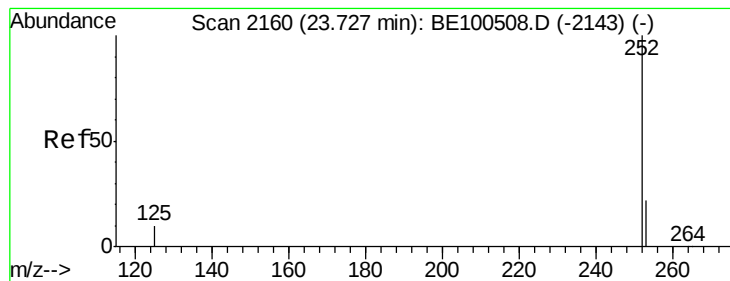
Abundance

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





#37

Benzo(a)pyrene

Concen: 0.846 ng

RT: 23.73 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

Instrument :

BNA_N

ClientSampleId :

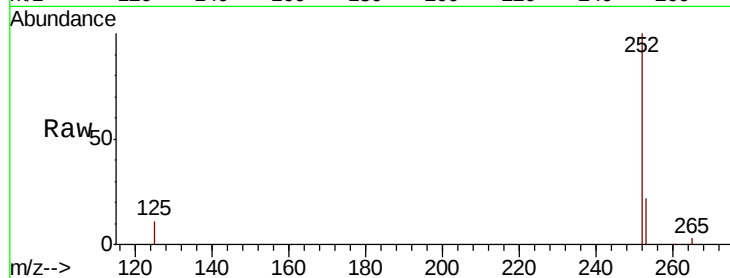
Tot Ion:252 Resp: 148753

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 11.1 9.7 14.5

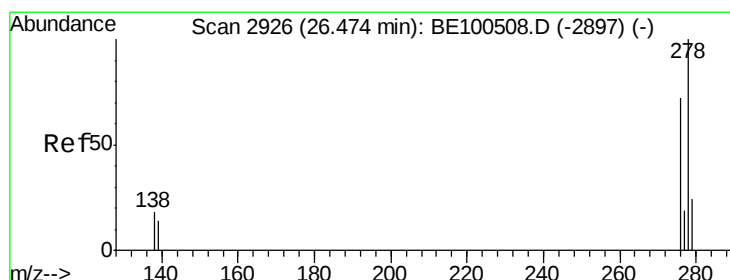
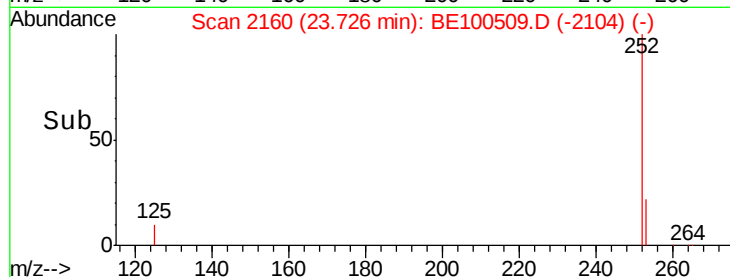
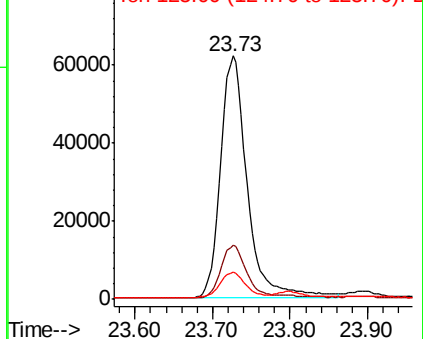


Abundance

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: 0.907 ng

RT: 26.48 min Scan# 2928

Delta R.T. 0.01 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

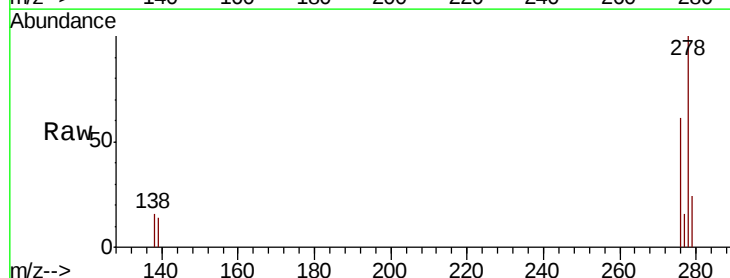
Tgt Ion:278 Resp: 150674

Ion Ratio Lower Upper

278 100

139 14.4 12.1 18.1

279 23.8 19.8 29.6

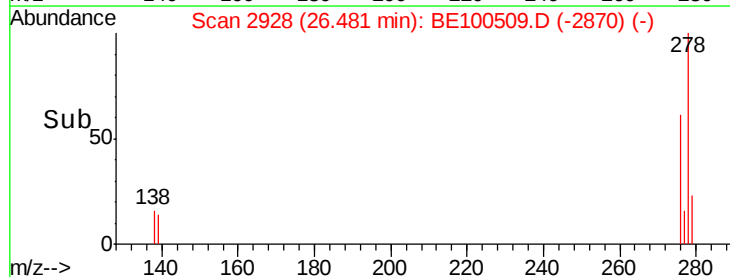
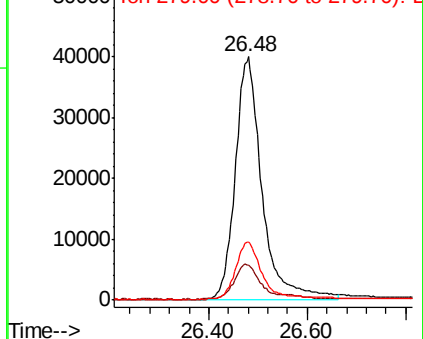


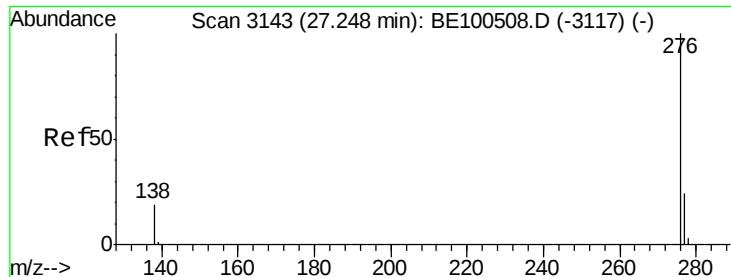
Abundance

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: 0.910 ng

RT: 27.25 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BE100509.D

Acq: 18 Sep 2019 16:18

Instrument :

BNA_N

ClientSampleId :

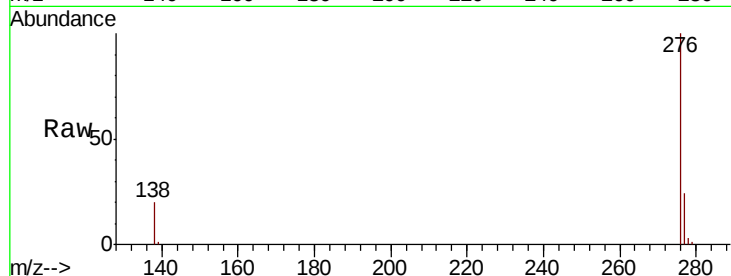
Tot Ion: 276 Resp: 154740

Ion Ratio Lower Upper

276 100

277 24.4 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

