

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
 Data File : BE100512.D
 Acq On : 18 Sep 2019 18:09
 Operator : HP/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 18 18:44:20 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	7591	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	36470	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	19832	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	45465	0.40	ng	0.00
27) Chrysene-d12	21.37	240	56245	0.40	ng	0.00
34) Perylene-d12	23.83	264	57704	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	124167	6.71	ng	-0.01
5) Phenol-d6	7.02	99	169202	6.40	ng	0.00
8) Nitrobenzene-d5	9.00	82	128348	4.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	312236	5.17	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	30124	3.50	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	395900	4.91	ng	0.00
25) Fluoranthene-d10	19.23	212	3246385	5.21	ng	0.00
29) Terphenyl-d14	19.82	244	722789	5.20	ng	0.00

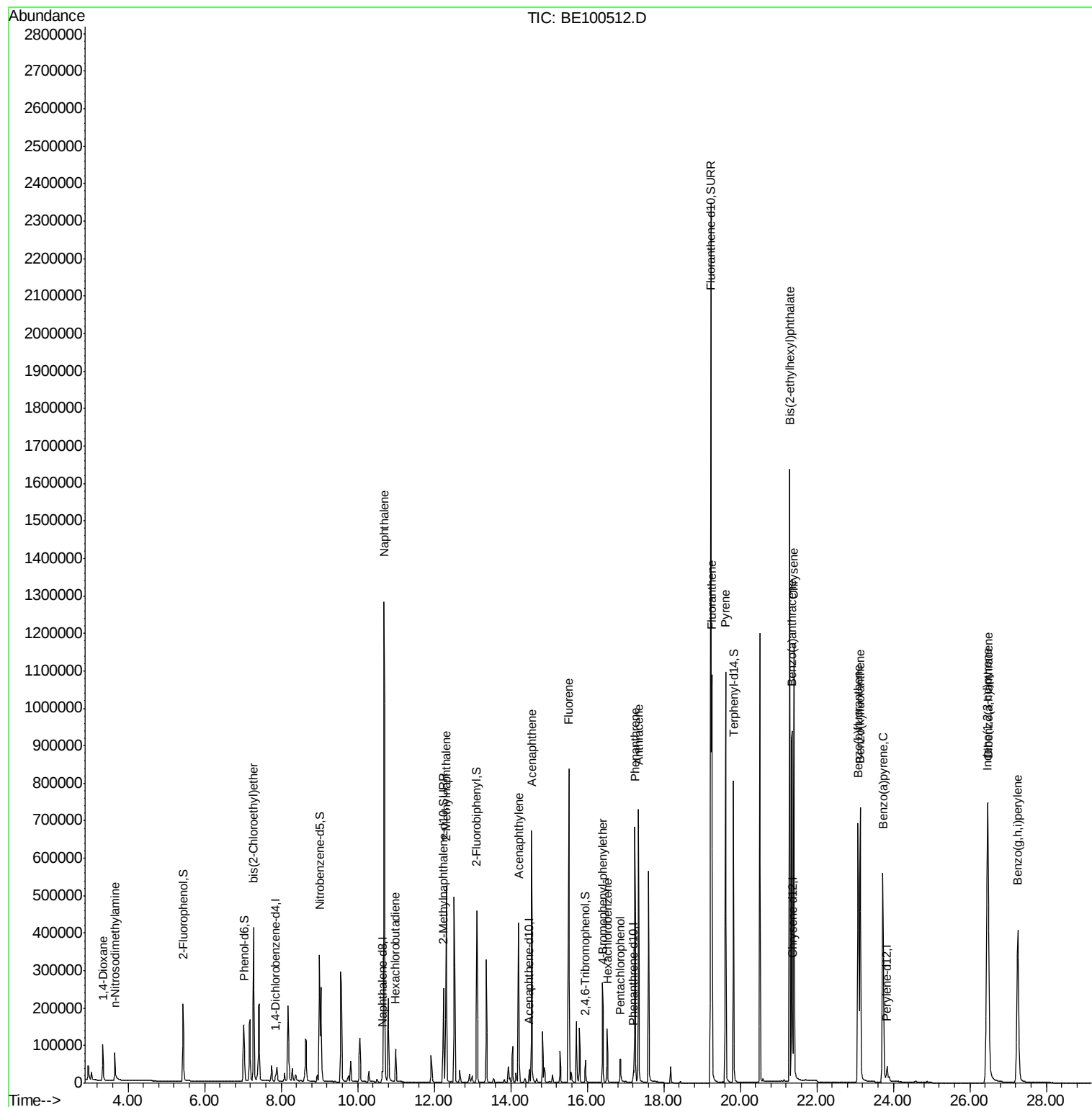
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	63504	5.565	ng	99
3) n-Nitrosodimethylamine	3.65	42	46842	6.741	ng	# 93
6) bis(2-Chloroethyl)ether	7.28	93	151176	6.662	ng	95
9) Naphthalene	10.69	128	2136307	6.097	ng	100
10) Hexachlorobutadiene	10.99	225	65215	3.895	ng	99
12) 2-Methylnaphthalene	12.31	142	362802	5.759	ng	99
16) Acenaphthylene	14.21	152	583844	6.368	ng	100
17) Acenaphthene	14.54	154	351935	6.375	ng	99
18) Fluorene	15.51	166	451791	6.137	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	127300	5.885	ng	# 92
21) Hexachlorobenzene	16.52	284	100613	4.520	ng	99
22) Pentachlorophenol	16.87	266	42010	4.476	ng	99
23) Phenanthrene	17.24	178	736315	6.609	ng	100
24) Anthracene	17.34	178	715158	6.741	ng	100
26) Fluoranthene	19.25	202	926879	5.776	ng	99
28) Pyrene	19.62	202	931880	5.316	ng	99
30) Benzo(a)anthracene	21.35	228	986237	5.745	ng	95
31) Chrysene	21.40	228	975728	5.755	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	1949780	4.944	ng	# 94
33) Indeno(1,2,3-cd)pyrene	26.45	276	1166575	6.312	ng	98
35) Benzo(b)fluoranthene	23.08	252	1005325	6.363	ng	98
36) Benzo(k)fluoranthene	23.13	252	1051809	6.349	ng	97
37) Benzo(a)pyrene	23.73	252	934095	6.085	ng	98
38) Dibenzo(a,h)anthracene	26.48	278	971720	6.695	ng	98
39) Benzo(g,h,i)perylene	27.25	276	949792	6.397	ng	99

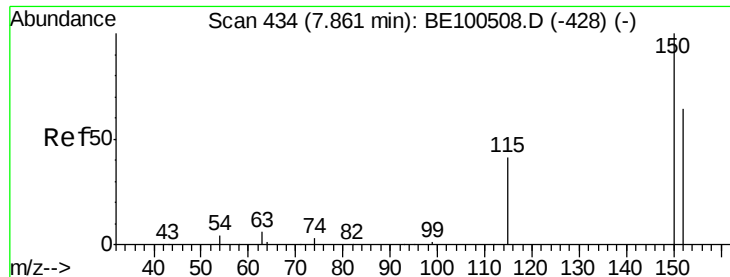
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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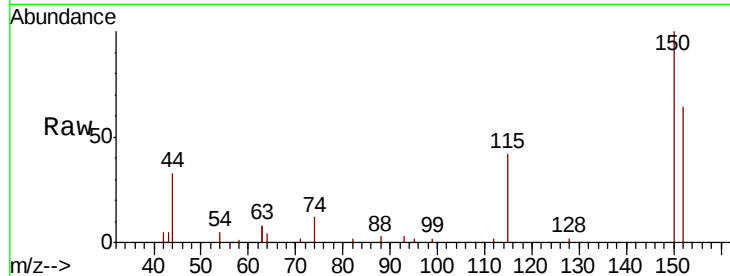




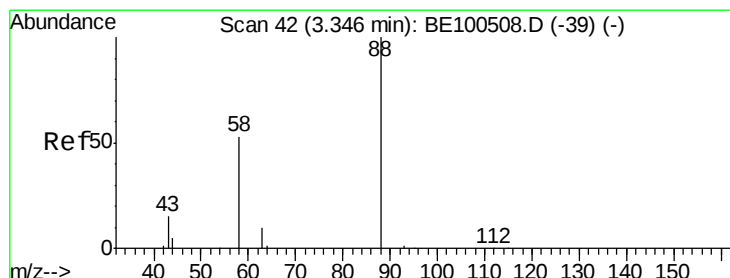
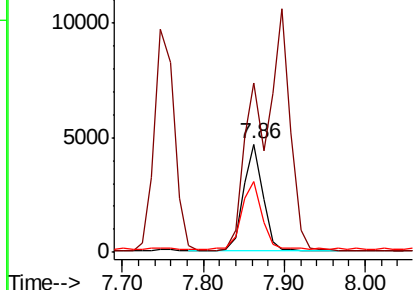
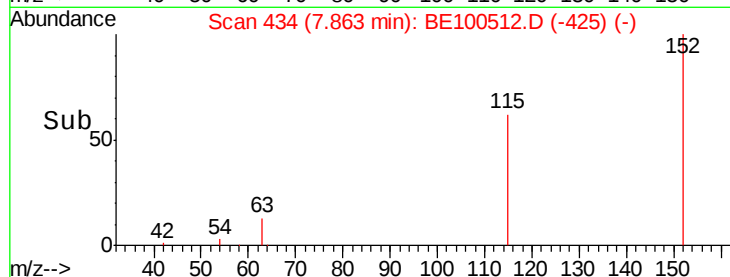
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.86 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BE100512.D
 Acq: 18 Sep 2019 18:09

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 7591
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.1 186.1
 115 65.2 53.0 79.6

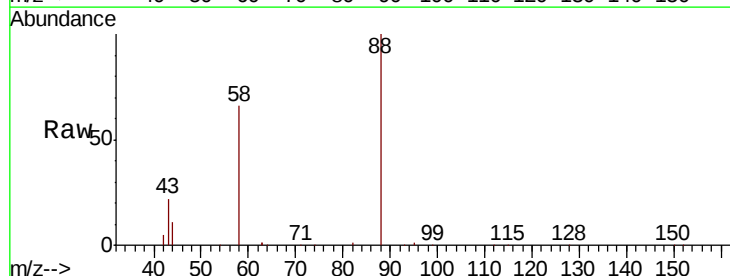


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

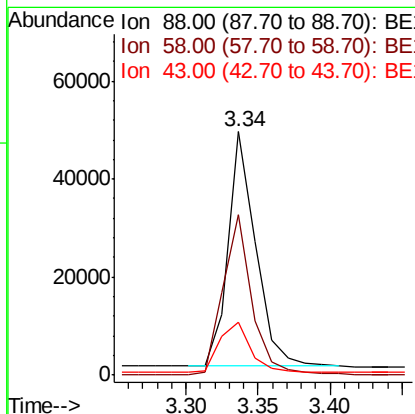
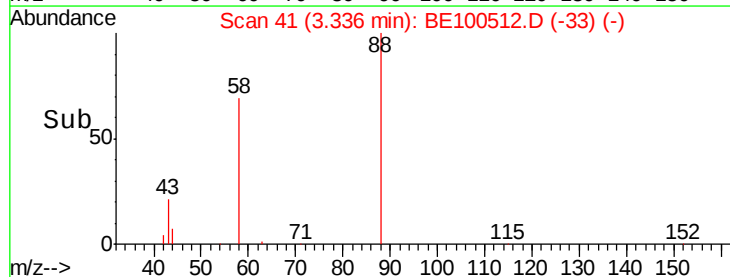


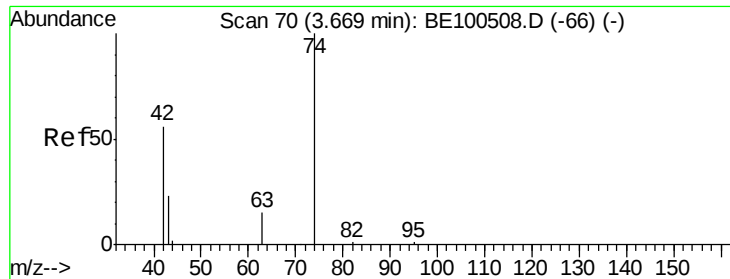
#2
 1,4-Dioxane
 Concen: 5.565 ng
 RT: 3.34 min Scan# 41
 Delta R.T. -0.01 min
 Lab File: BE100512.D
 Acq: 18 Sep 2019 18:09

Tgt Ion: 88 Resp: 63504
 Ion Ratio Lower Upper
 88 100
 58 70.9 56.2 84.2
 43 23.8 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



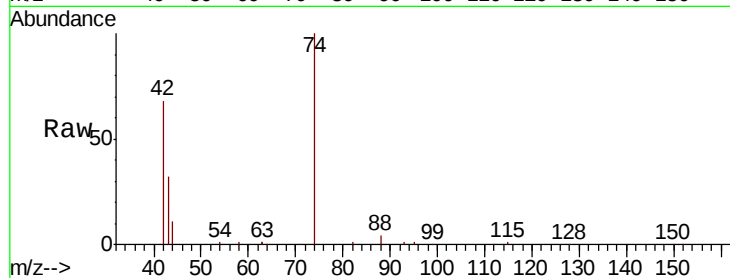


#3

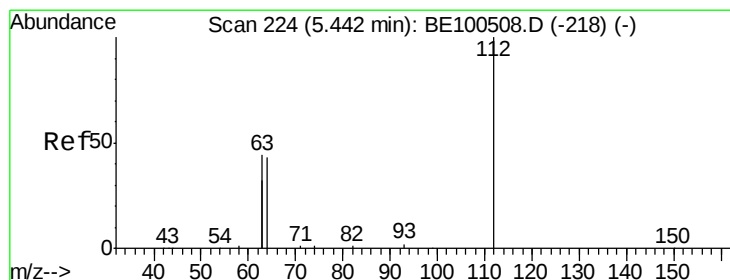
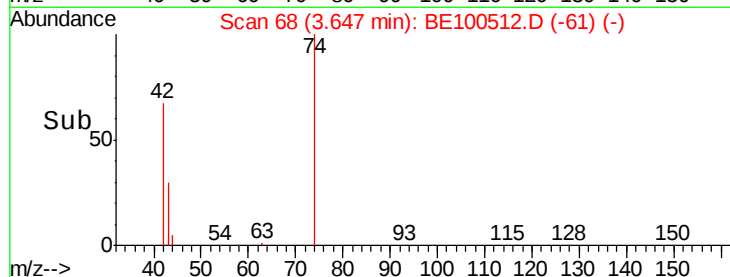
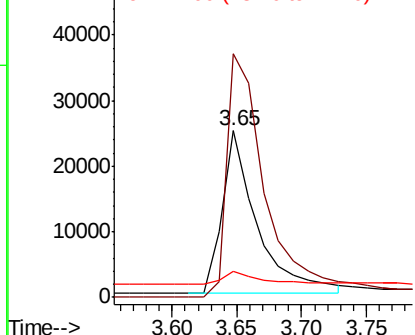
n-Nitrosodimethylamine
 Concen: 6.741 ng
 RT: 3.65 min Scan# 68
 Delta R.T. -0.02 min
 Lab File: BE100512.D
 Acq: 18 Sep 2019 18:09

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 46842
 Ion Ratio Lower Upper
 42 100
 74 163.3 127.2 190.8
 44 8.1 18.2 27.4#



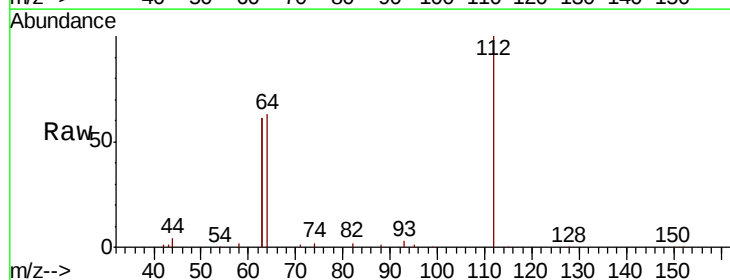
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



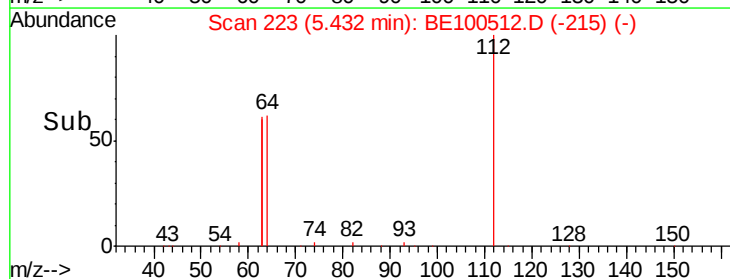
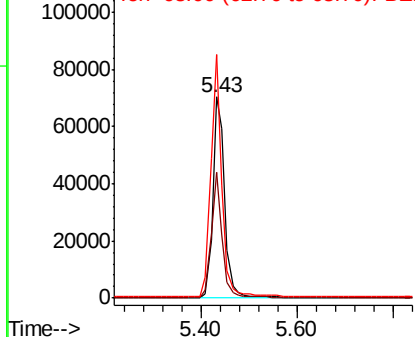
#4

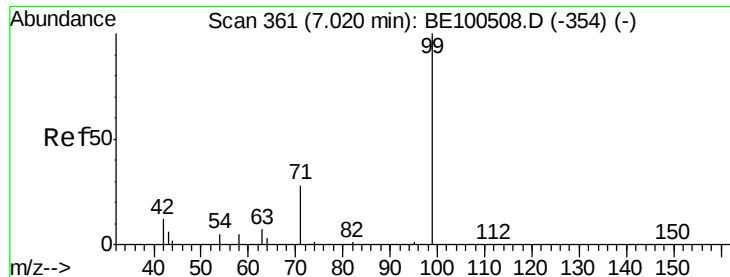
2-Fluorophenol
 Concen: 6.706 ng
 RT: 5.43 min Scan# 223
 Delta R.T. -0.01 min
 Lab File: BE100512.D
 Acq: 18 Sep 2019 18:09

Tgt Ion: 112 Resp: 124167
 Ion Ratio Lower Upper
 112 100
 64 56.9 46.2 69.2
 63 110.9 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: 6.396 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.00 min

Lab File: BE100512.D

Acq: 18 Sep 2019 18:09

Instrument :

BNA_E

ClientSampleId :

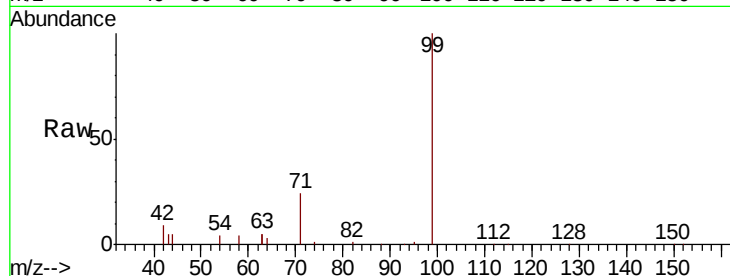
Tot Ion: 99 Resp: 169202

Ion Ratio Lower Upper

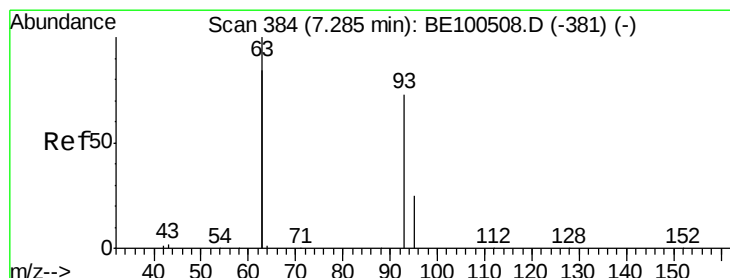
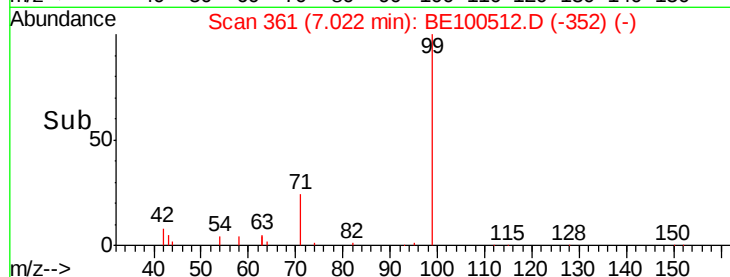
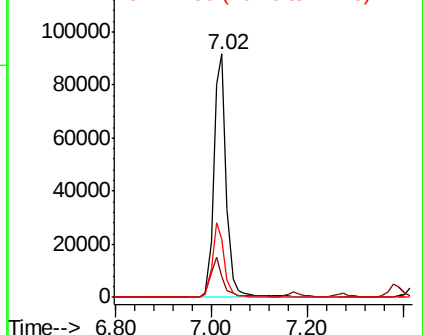
99 100

42 15.5 12.0 18.0

71 29.3 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: 6.662 ng

RT: 7.28 min Scan# 383

Delta R.T. -0.01 min

Lab File: BE100512.D

Acq: 18 Sep 2019 18:09

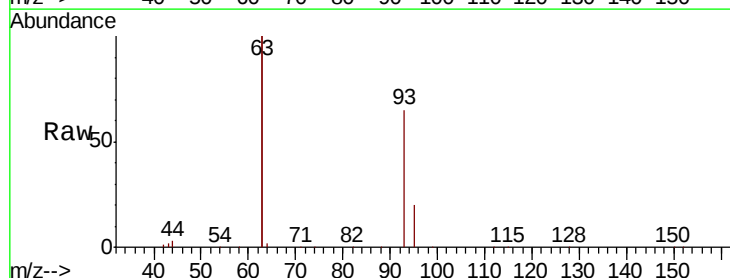
Tgt Ion: 93 Resp: 151176

Ion Ratio Lower Upper

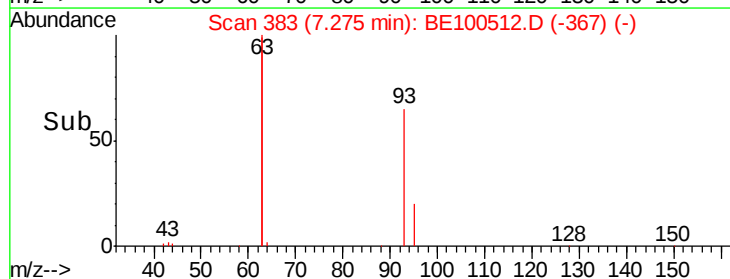
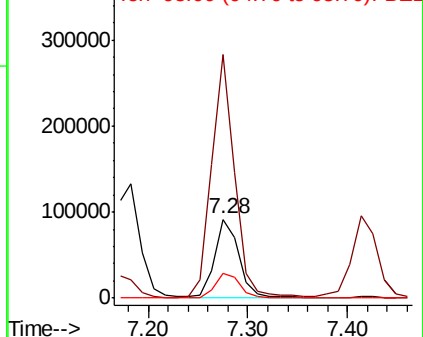
93 100

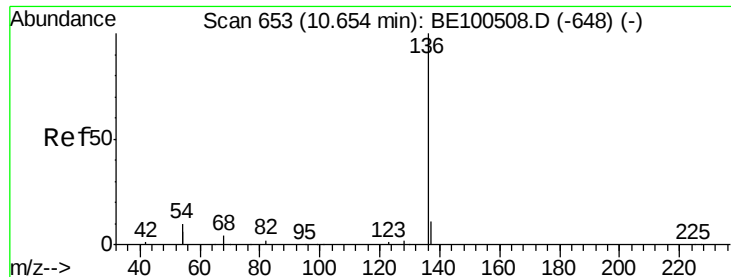
63 295.7 228.3 342.5

95 32.2 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: BE100512.D

Acq: 18 Sep 2019 18:09

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 36470

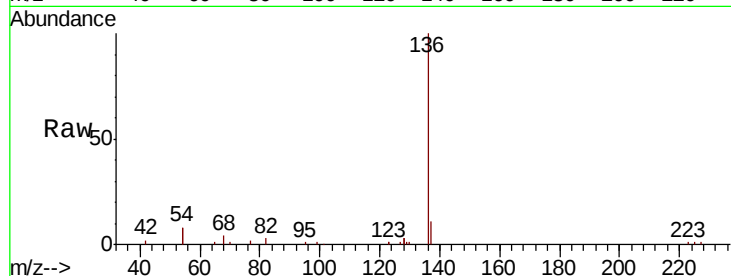
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 16.2 15.4 23.0

68 4.1 4.0 6.0

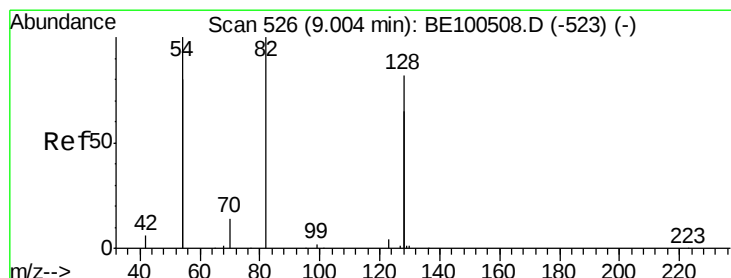
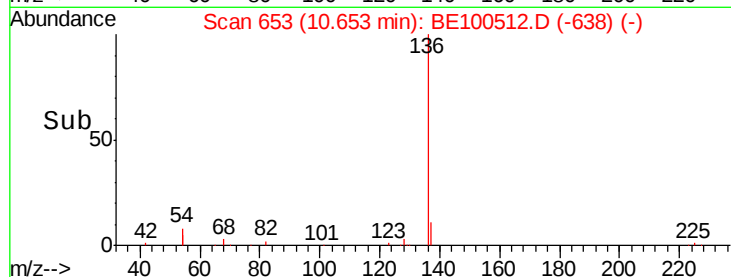
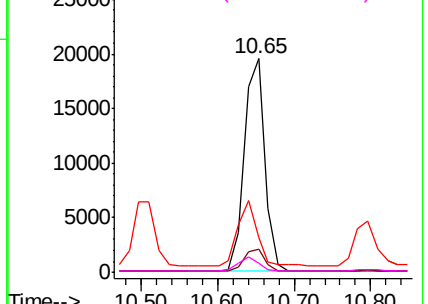


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.234 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.00 min

Lab File: BE100512.D

Acq: 18 Sep 2019 18:09

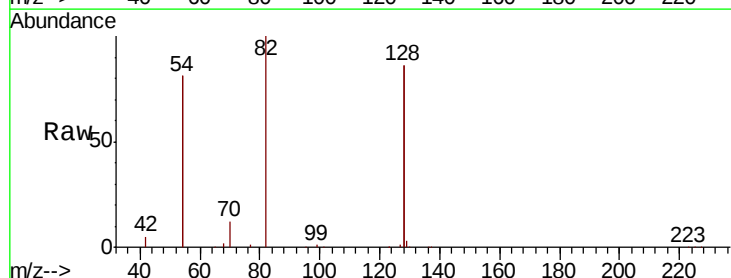
Tgt Ion: 82 Resp: 128348

Ion Ratio Lower Upper

82 100

128 171.3 124.6 186.8

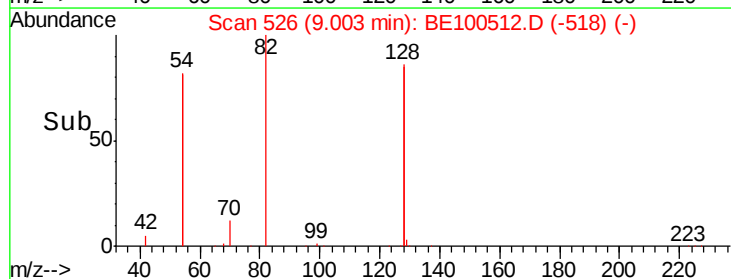
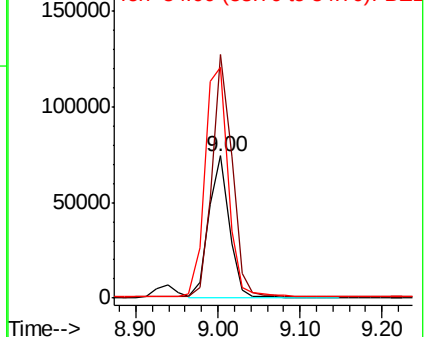
54 162.8 151.8 227.8

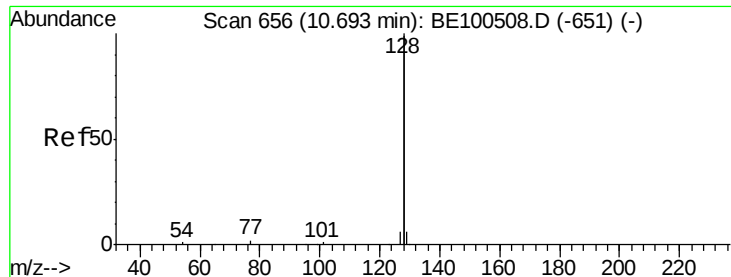


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 6.097 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE100512.D

Acq: 18 Sep 2019 18:09

Instrument :

BNA_E

ClientSampleId :

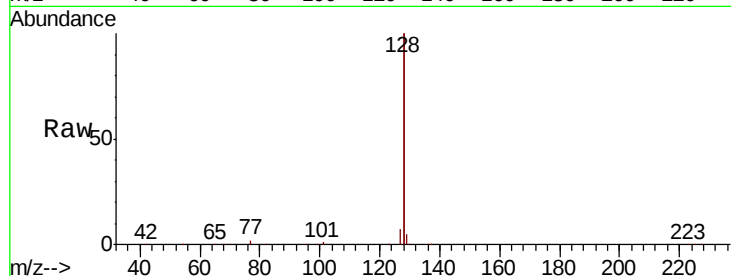
Tot Ion:128 Resp: 2136307

Ion Ratio Lower Upper

128 100

129 2.7 2.3 3.5

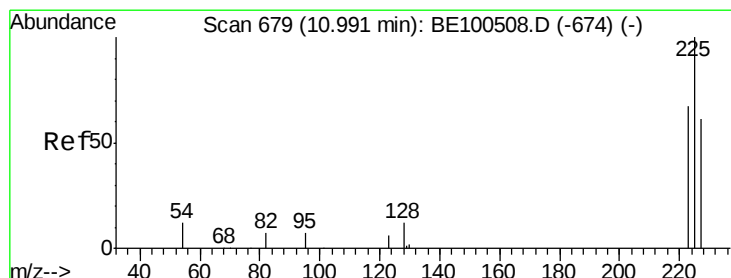
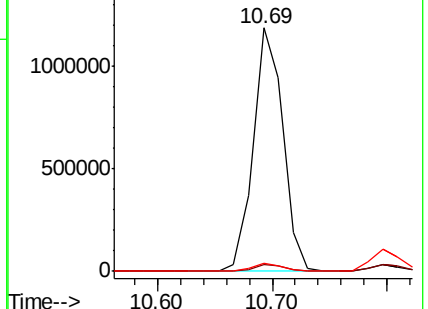
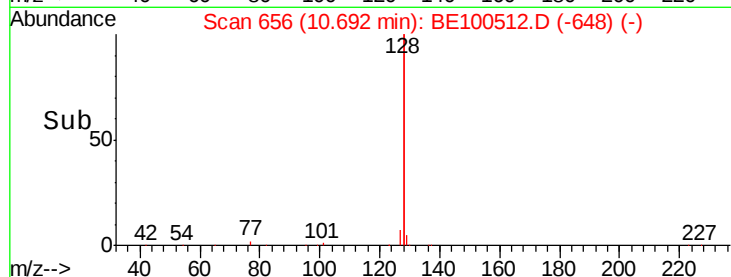
127 3.4 2.6 4.0



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: 3.895 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE100512.D

Acq: 18 Sep 2019 18:09

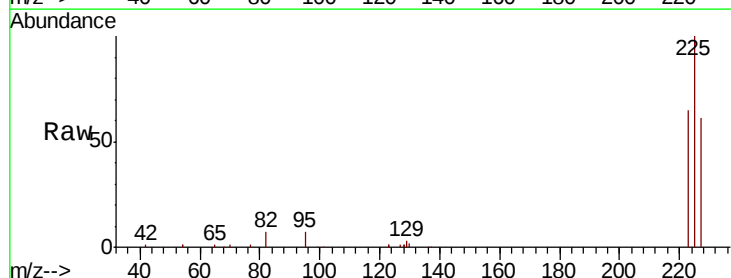
Tgt Ion:225 Resp: 65215

Ion Ratio Lower Upper

225 100

223 63.0 51.0 76.6

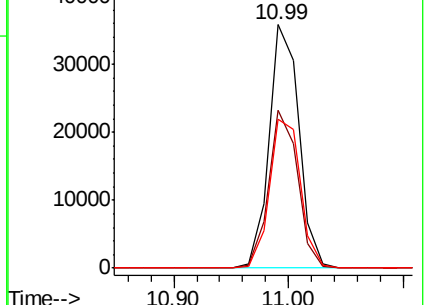
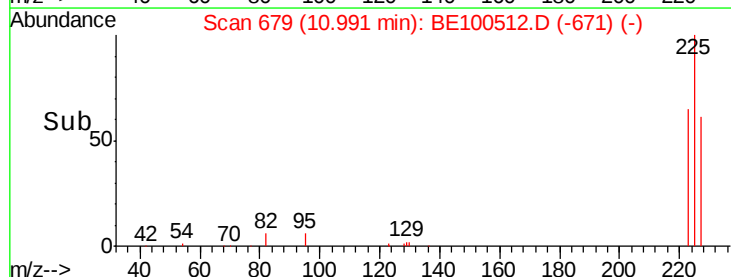
227 63.4 51.6 77.4

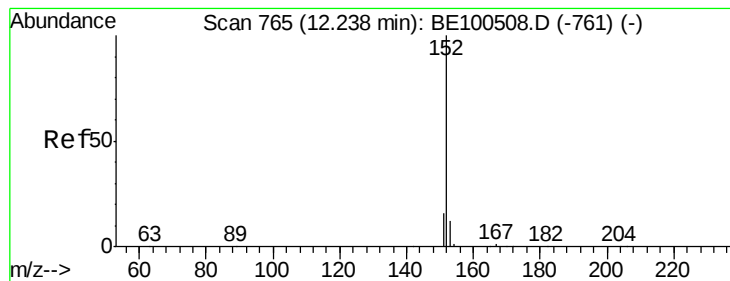


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

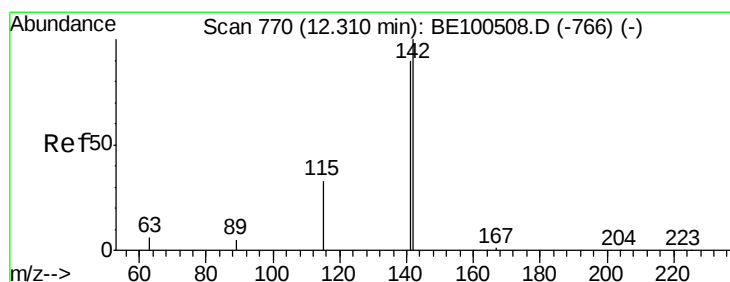
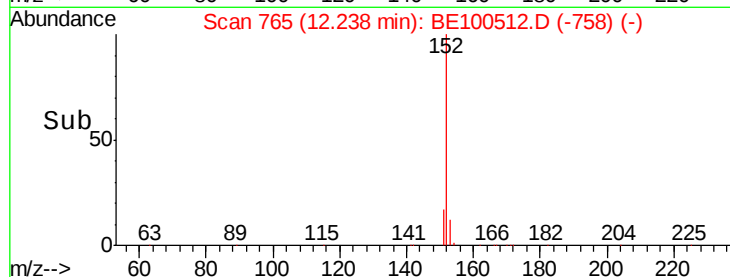
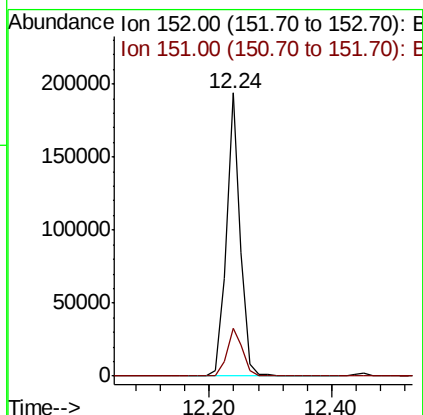
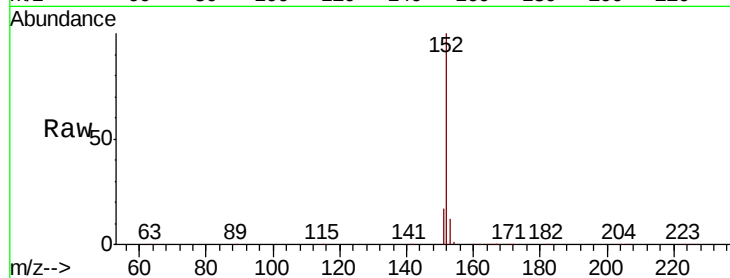




#11
 2-Methylnaphthalene-d10
 Concen: 5.168 ng
 RT: 12.24 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BE100512.D
 Acq: 18 Sep 2019 18:09

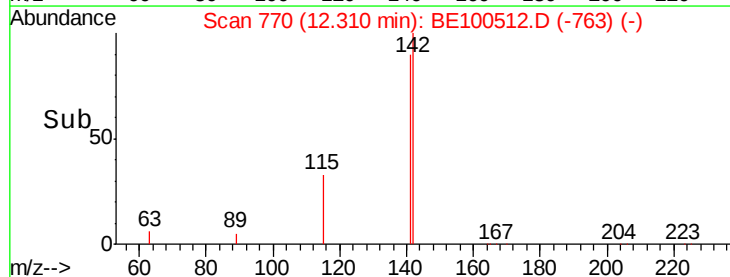
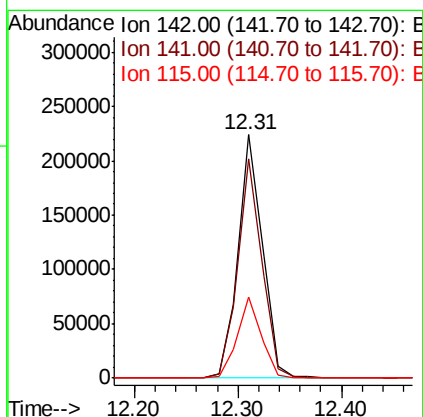
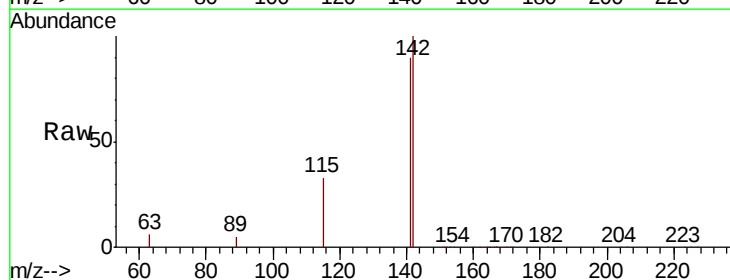
Instrument :
 BNA_E
 ClientSampled :

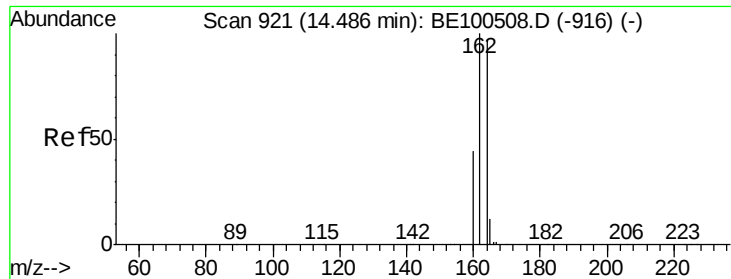
Tot Ion:152 Resp: 312236
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 5.759 ng
 RT: 12.31 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BE100512.D
 Acq: 18 Sep 2019 18:09

Tgt Ion:142 Resp: 362802
 Ion Ratio Lower Upper
 142 100
 141 89.9 72.1 108.1
 115 33.2 27.4 41.2

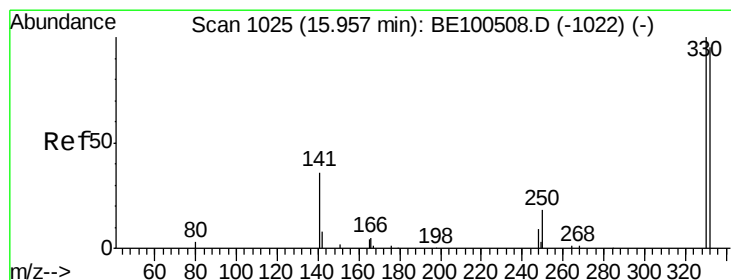
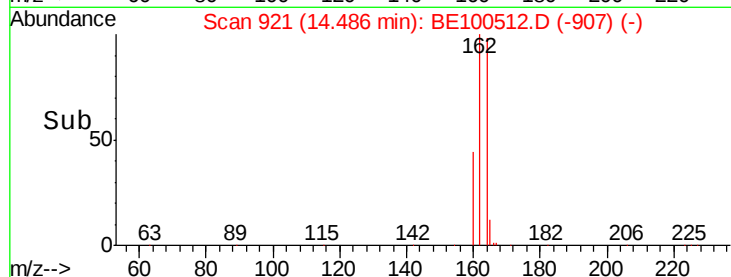
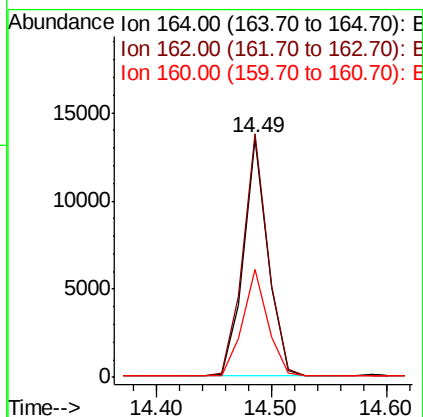
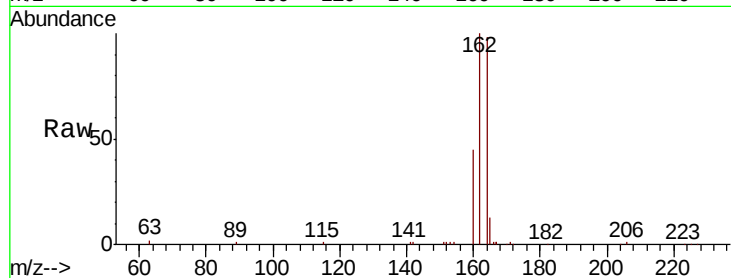




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100512.D
Acq: 18 Sep 2019 18:09

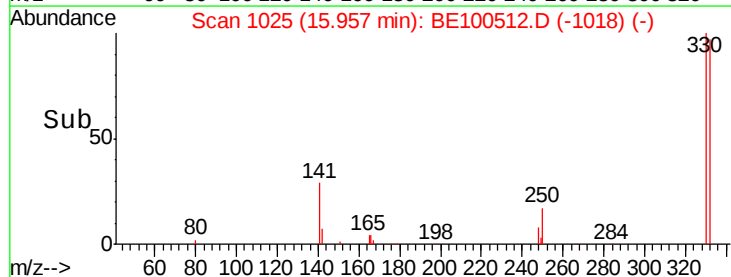
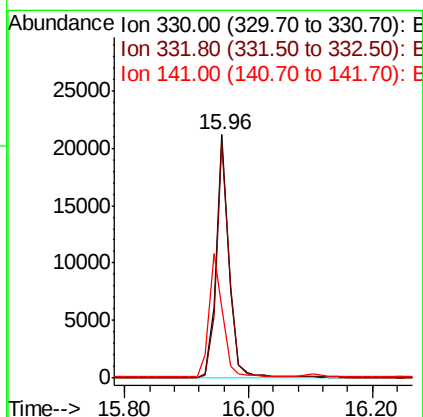
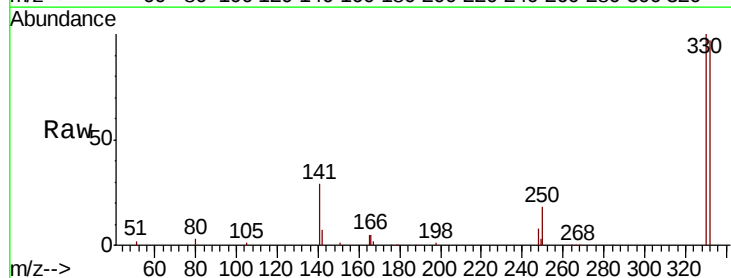
Instrument :
BNA_E
ClientSampleId :

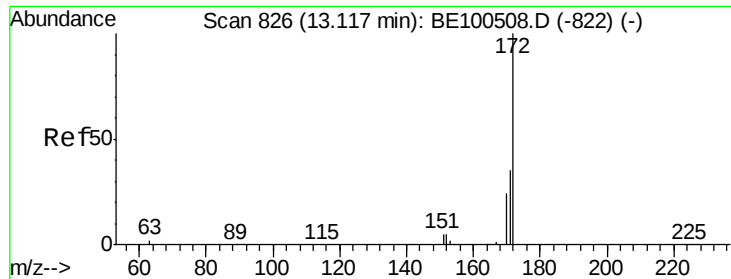
Tot Ion:164 Resp: 19832
Ion Ratio Lower Upper
164 100
162 102.0 82.8 124.2
160 45.4 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 3.503 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100512.D
Acq: 18 Sep 2019 18:09

Tgt Ion:330 Resp: 30124
Ion Ratio Lower Upper
330 100
332 97.4 80.2 120.2
141 54.1 43.7 65.5

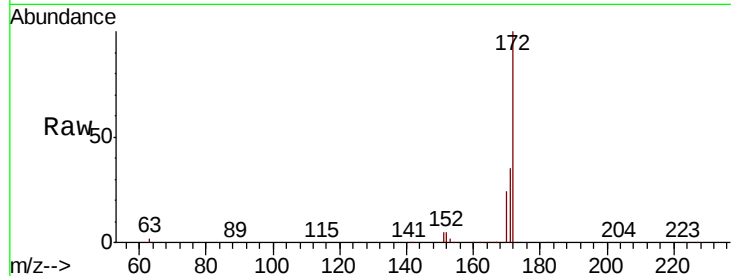




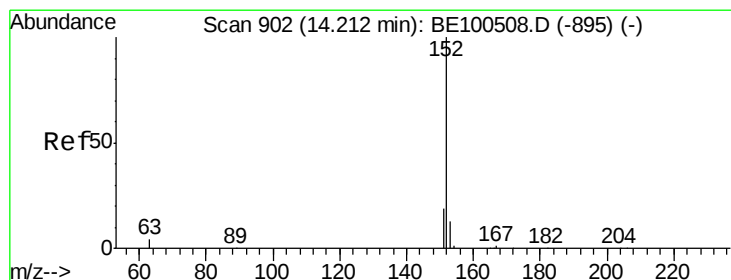
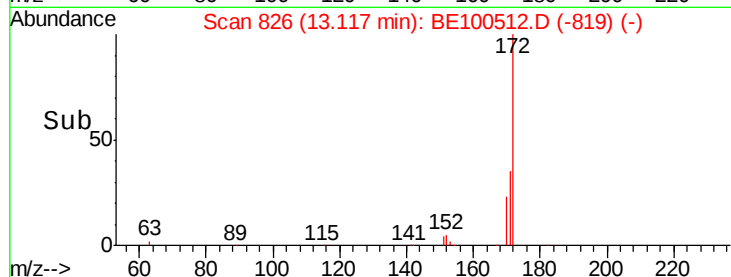
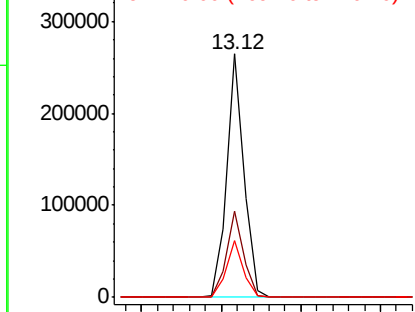
#15
2-Fluorobiphenyl
Concen: 4.910 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100512.D
Acq: 18 Sep 2019 18:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 395900
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.5 19.2 28.8

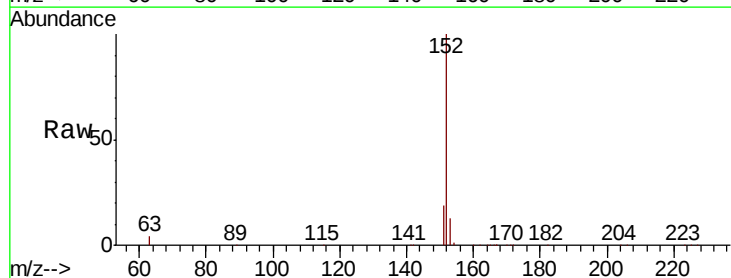


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

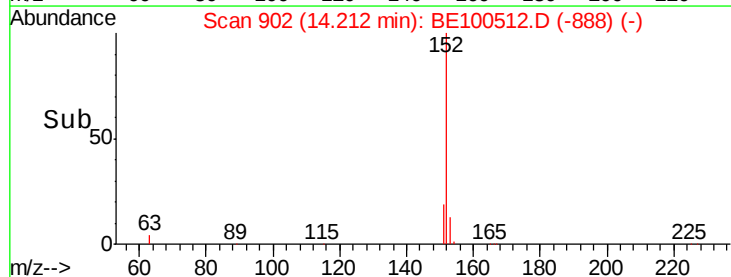
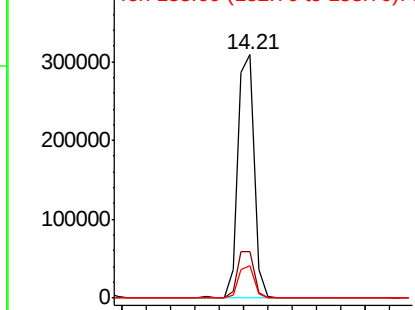


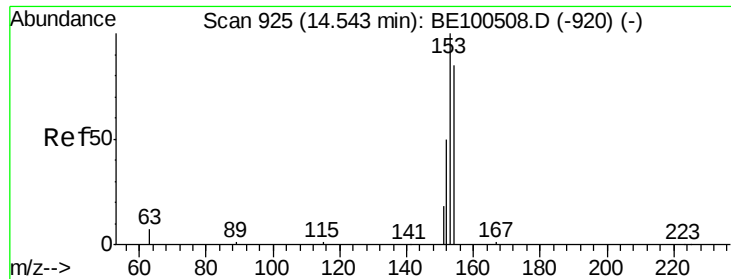
#16
Acenaphthylene
Concen: 6.368 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100512.D
Acq: 18 Sep 2019 18:09

Tgt Ion:152 Resp: 583844
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.0 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

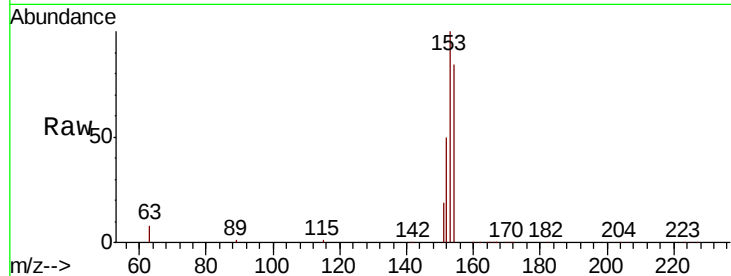




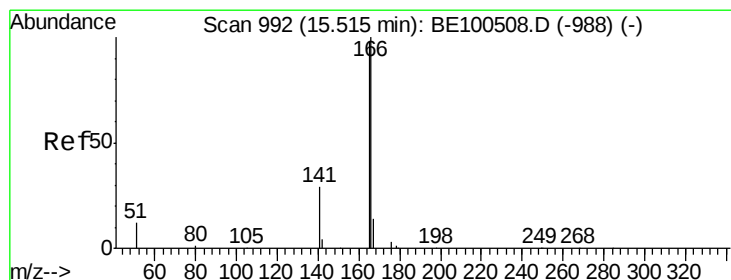
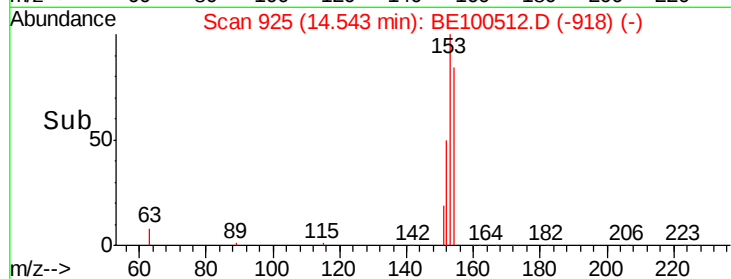
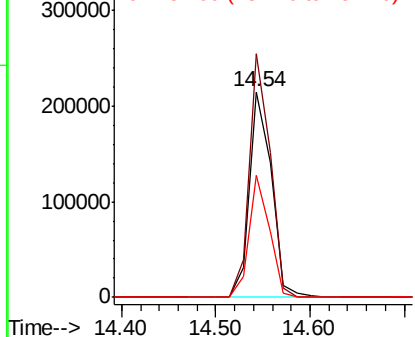
#17
Acenaphthene
Concen: 6.375 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100512.D
Acq: 18 Sep 2019 18:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.5	137.3
152	55.3	44.9	67.3

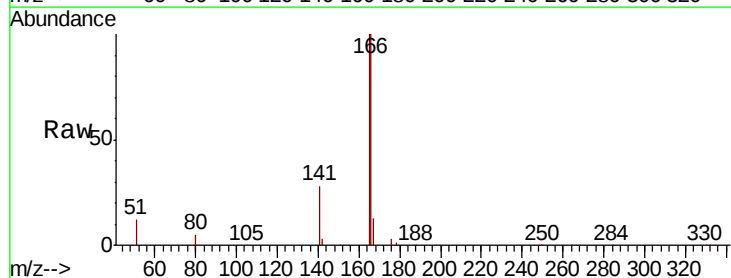


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

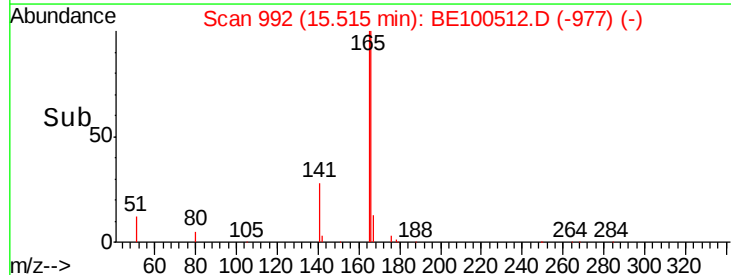
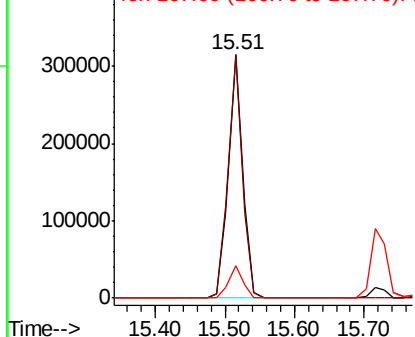


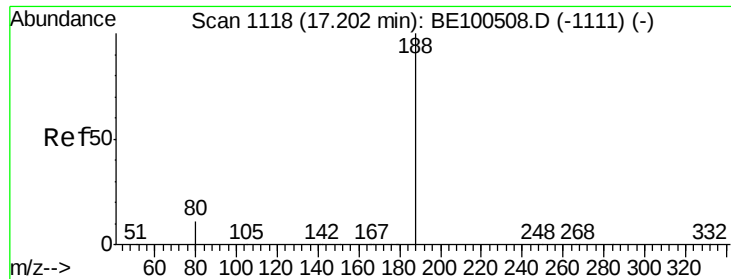
#18
Fluorene
Concen: 6.137 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100512.D
Acq: 18 Sep 2019 18:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	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: BE100512.D

Acq: 18 Sep 2019 18:09

Instrument :

BNA_E

ClientSampleId :

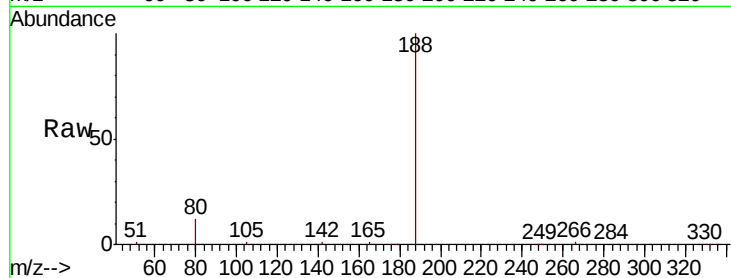
Tot Ion:188 Resp: 45465

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

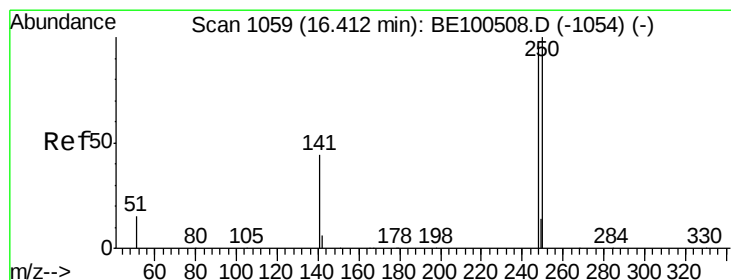
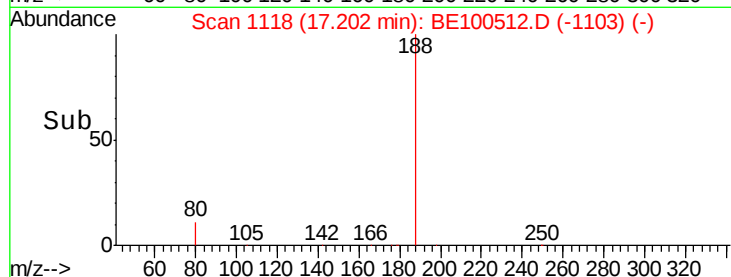
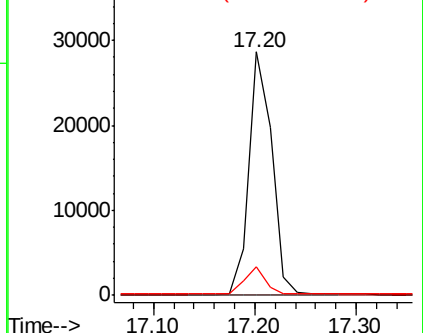
80 12.0 9.0 13.6



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: 5.885 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE100512.D

Acq: 18 Sep 2019 18:09

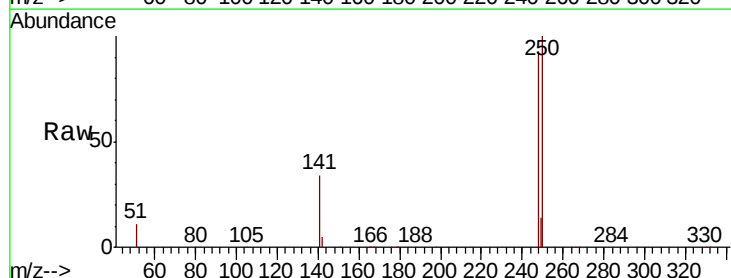
Tgt Ion:248 Resp: 127300

Ion Ratio Lower Upper

248 100

250 107.6 83.0 124.4

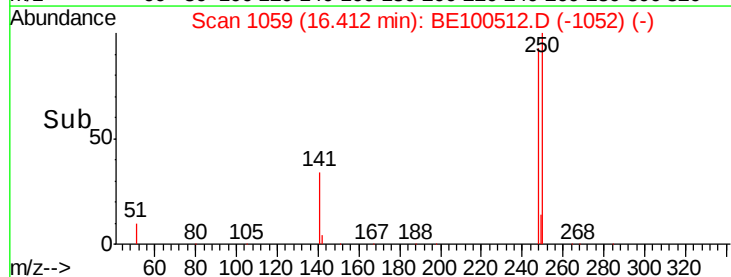
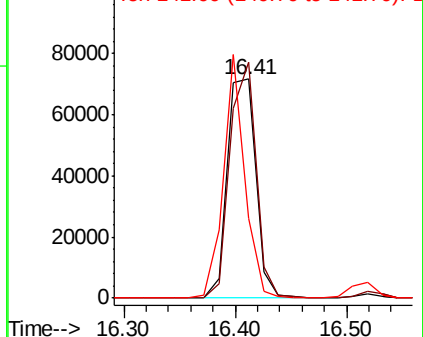
141 36.6 38.0 57.0#

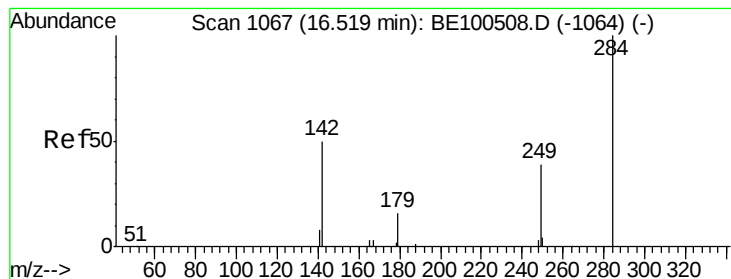


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.520 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE100512.D

Acq: 18 Sep 2019 18:09

Instrument :

BNA_E

ClientSampled :

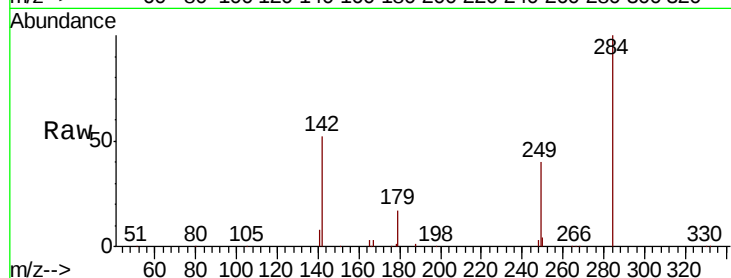
Tot Ion:284 Resp: 100613

Ion Ratio Lower Upper

284 100

142 49.0 38.2 57.4

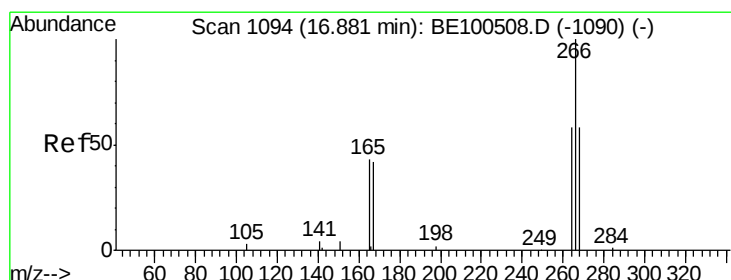
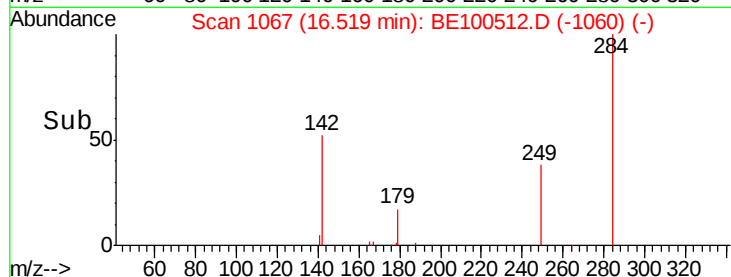
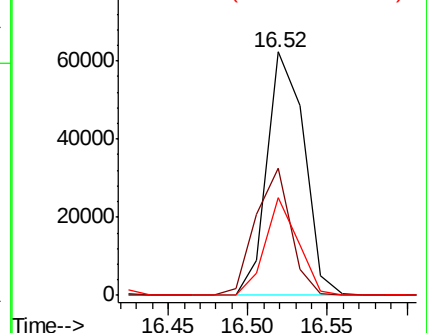
249 35.5 28.8 43.2



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: 4.476 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BE100512.D

Acq: 18 Sep 2019 18:09

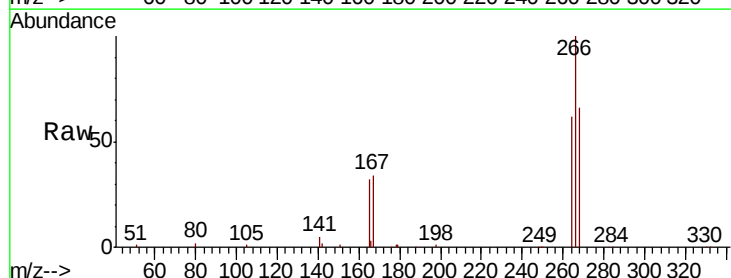
Tgt Ion:266 Resp: 42010

Ion Ratio Lower Upper

266 100

264 62.1 48.6 73.0

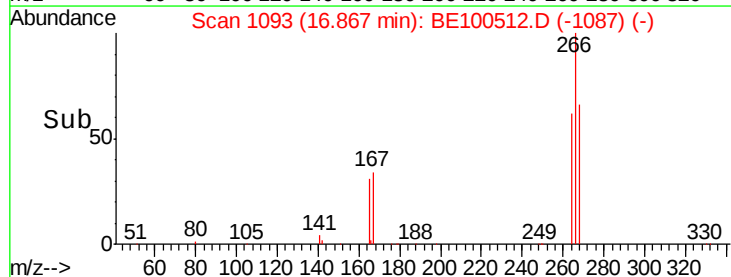
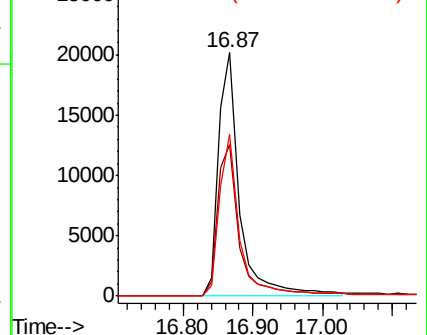
268 66.4 52.3 78.5

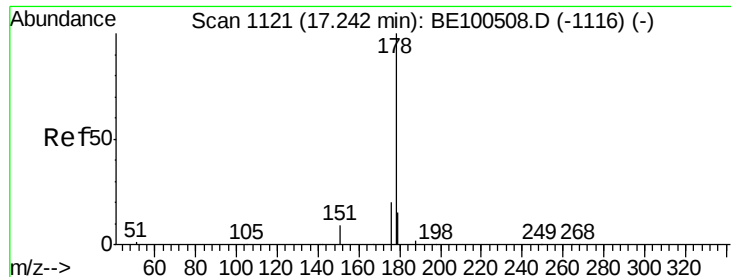


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

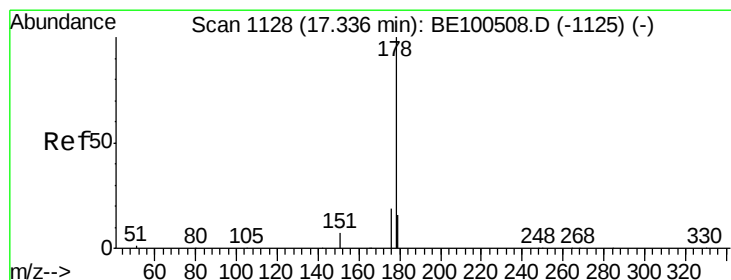
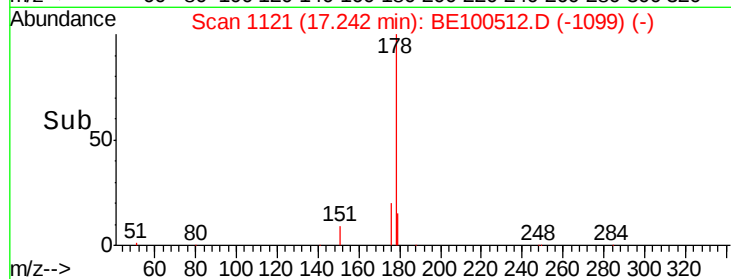
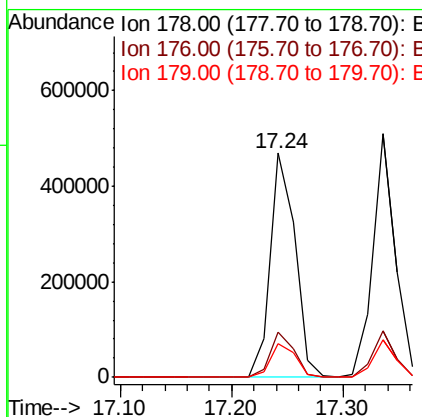
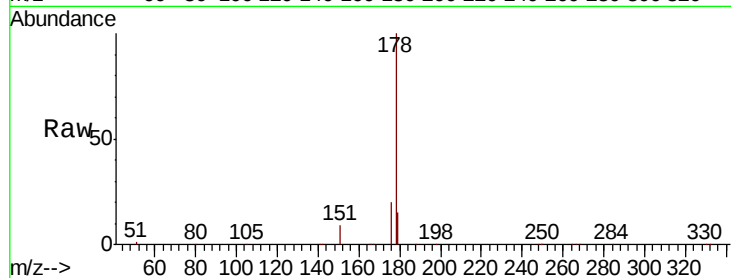




#23
Phenanthrene
Concen: 6.609 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100512.D
Acq: 18 Sep 2019 18:09

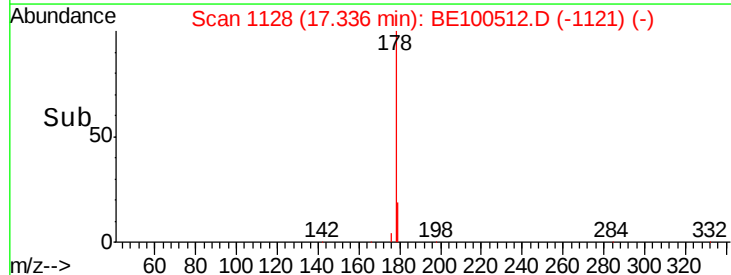
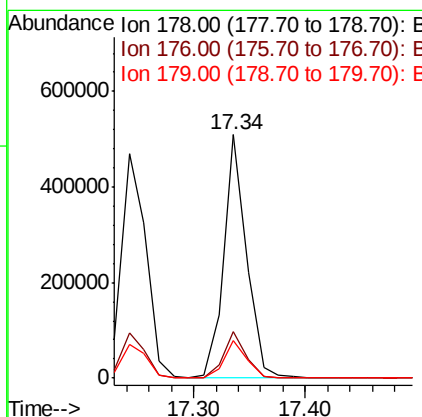
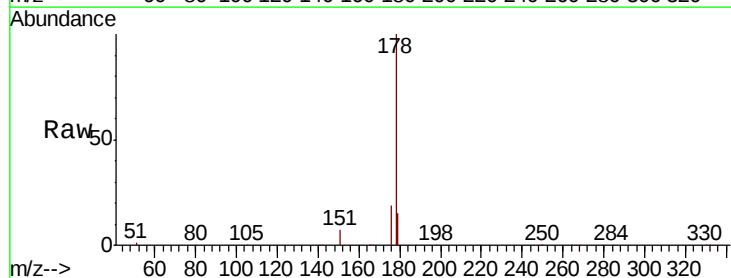
Instrument :
BNA_E
ClientSampleId :

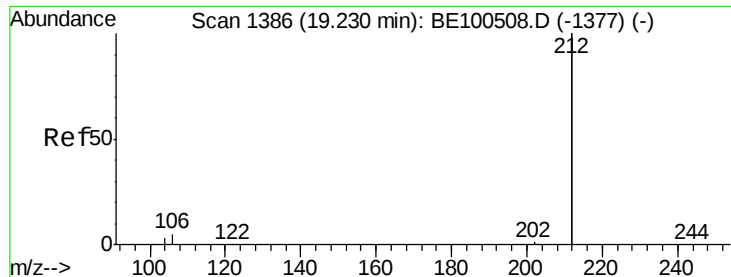
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.4	12.4	18.6



#24
Anthracene
Concen: 6.741 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100512.D
Acq: 18 Sep 2019 18:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.4	12.4	18.6





#25

Fluoranthene-d10

Concen: 5.213 ng

RT: 19.23 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BE100512.D

Acq: 18 Sep 2019 18:09

Instrument :

BNA_E

ClientSampleId :

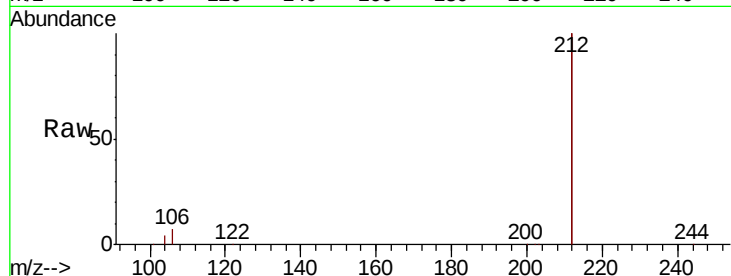
Tot Ion:212 Resp: 3246385

Ion Ratio Lower Upper

212 100

106 3.1 2.4 3.6

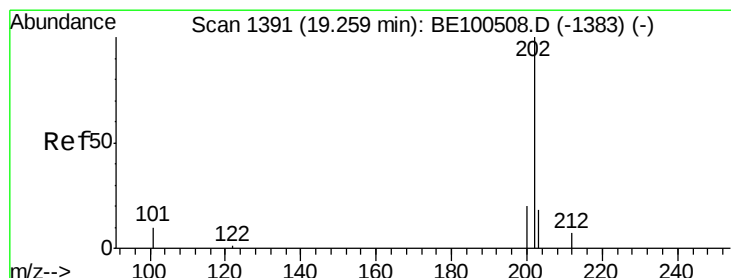
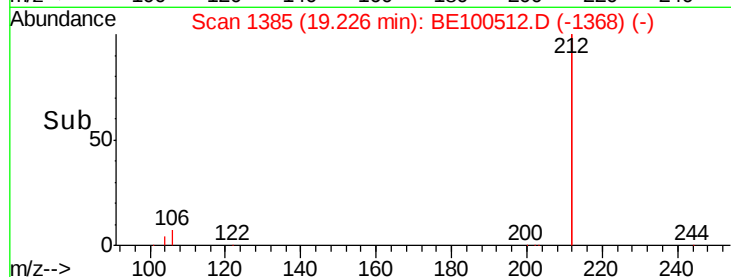
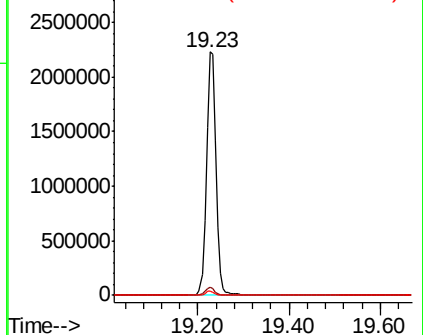
104 1.7 1.4 2.0



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: 5.776 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BE100512.D

Acq: 18 Sep 2019 18:09

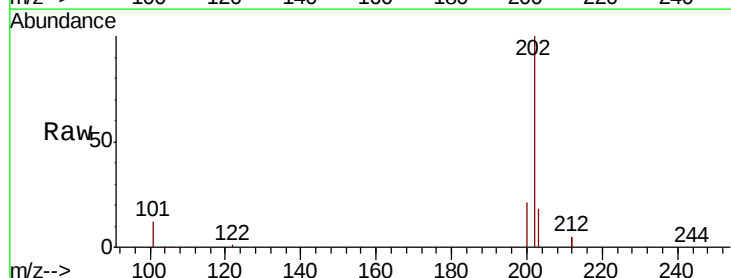
Tgt Ion:202 Resp: 926879

Ion Ratio Lower Upper

202 100

101 11.6 8.8 13.2

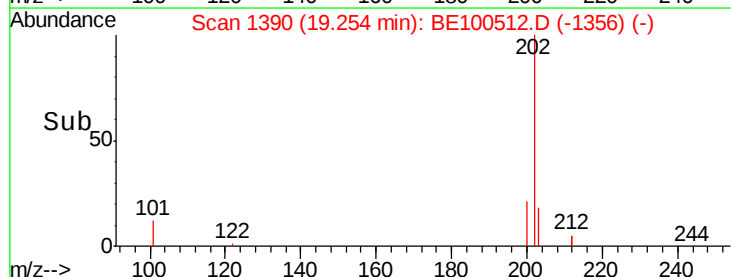
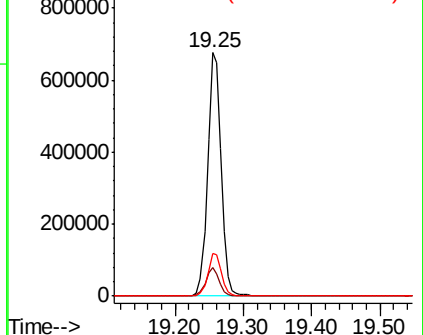
203 17.7 13.8 20.8

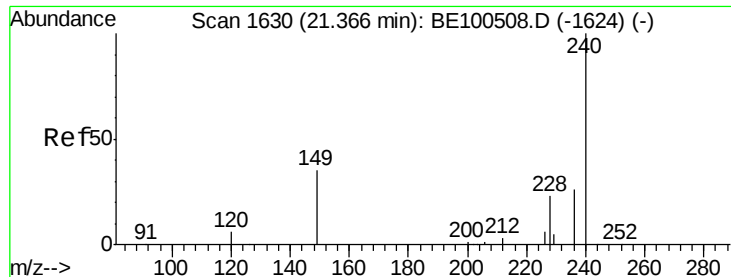


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1629

Delta R.T. -0.00 min

Lab File: BE100512.D

Acq: 18 Sep 2019 18:09

Instrument :

BNA_E

ClientSampled :

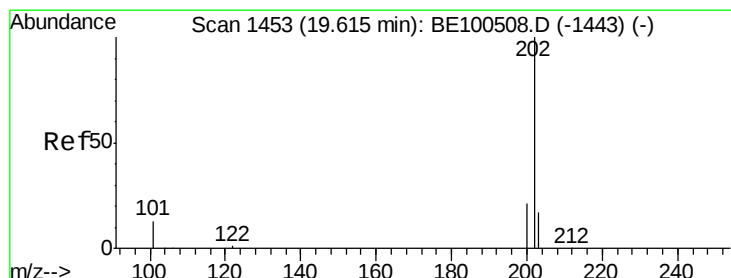
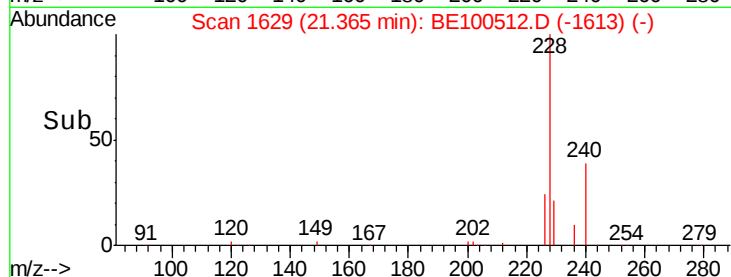
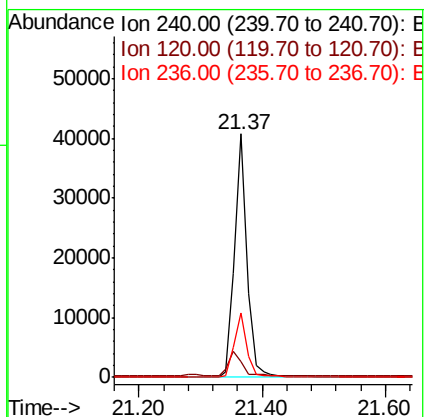
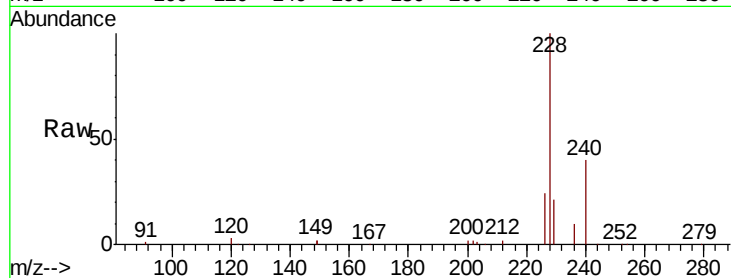
Tot Ion:240 Resp: 56245

Ion Ratio Lower Upper

240 100

120 6.6 5.1 7.7

236 26.3 20.9 31.3



#28

Pyrene

Concen: 5.316 ng

RT: 19.62 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BE100512.D

Acq: 18 Sep 2019 18:09

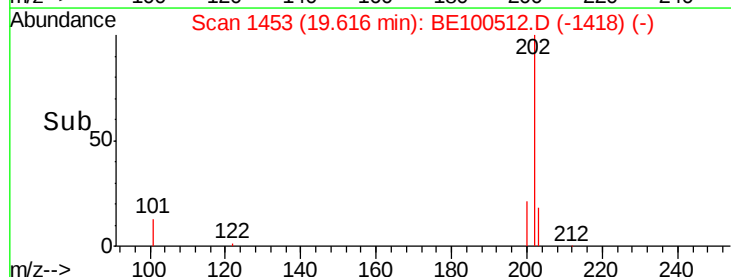
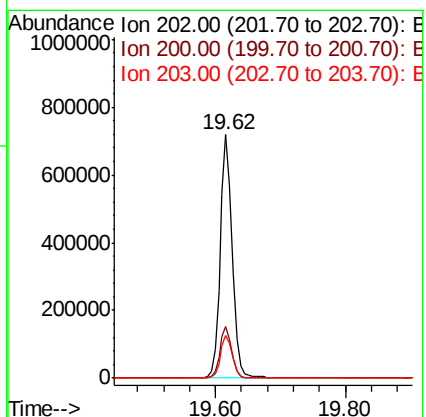
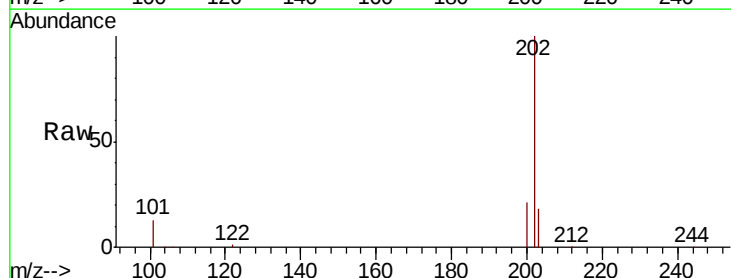
Tgt Ion:202 Resp: 931880

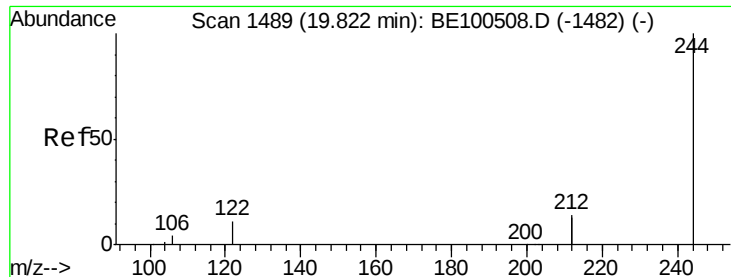
Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

203 17.9 13.9 20.9





#29

Terphenyl-d14

Concen: 5.204 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100512.D

Acq: 18 Sep 2019 18:09

Instrument :

BNA_E

ClientSampleId :

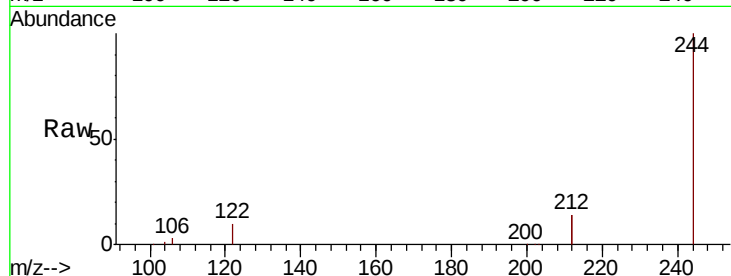
Tot Ion:244 Resp: 722789

Ion Ratio Lower Upper

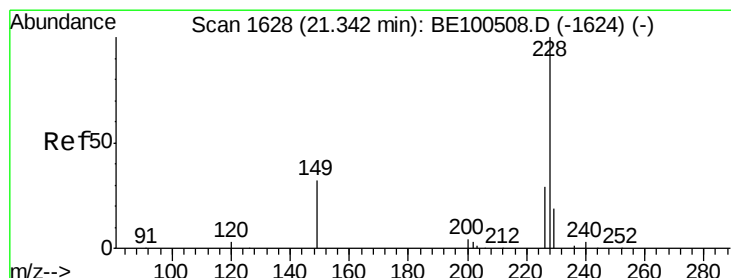
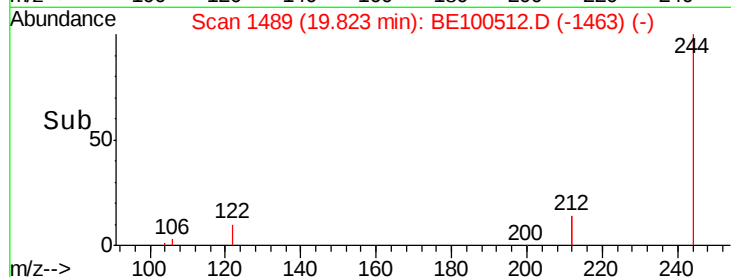
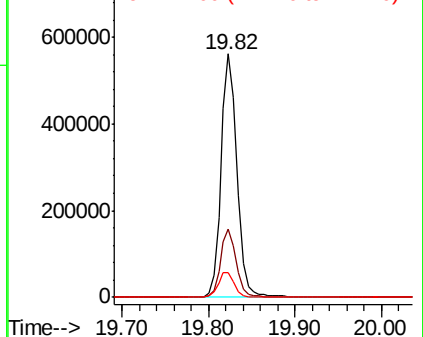
244 100

212 28.2 22.8 34.2

122 10.4 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: 5.745 ng

RT: 21.35 min Scan# 1628

Delta R.T. 0.01 min

Lab File: BE100512.D

Acq: 18 Sep 2019 18:09

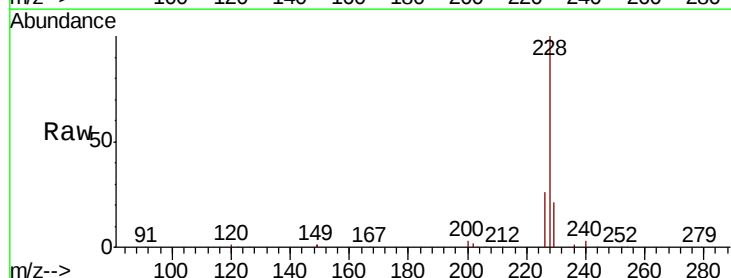
Tgt Ion:228 Resp: 986237

Ion Ratio Lower Upper

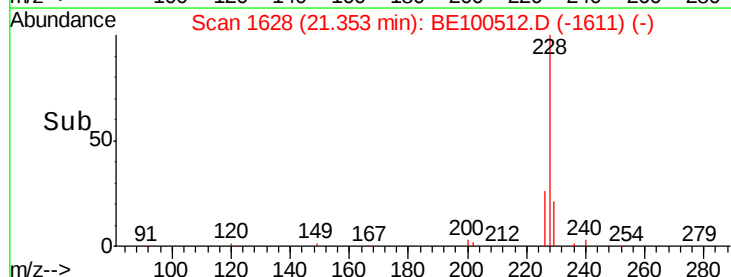
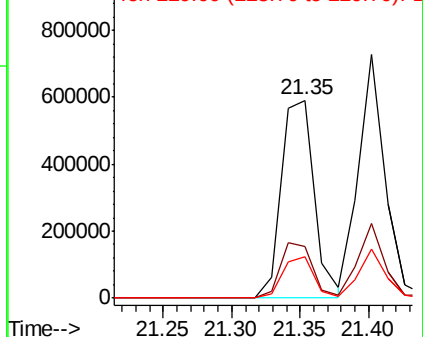
228 100

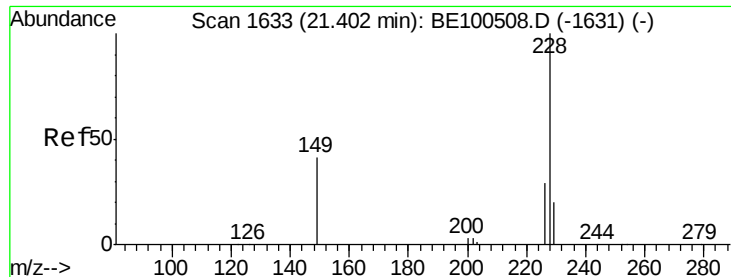
226 26.1 23.1 34.7

229 20.8 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

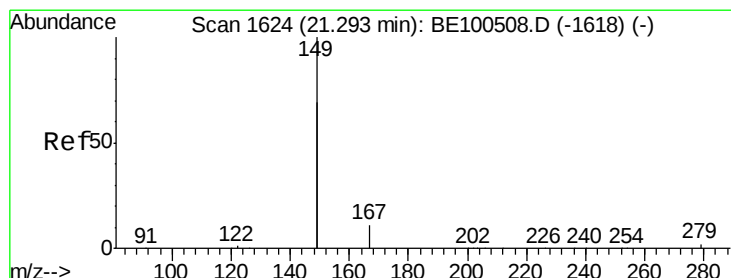
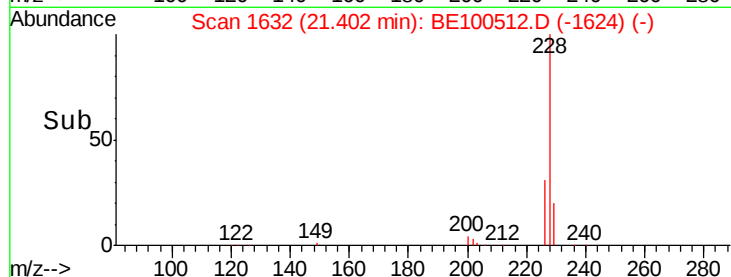
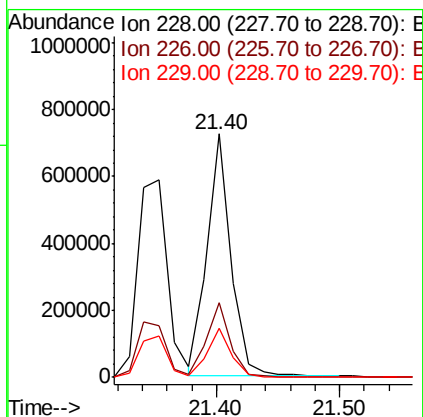
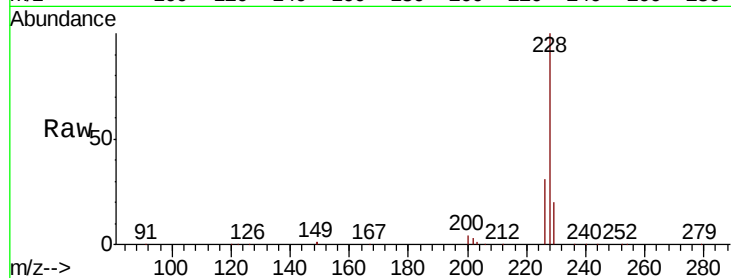




#31
 Chrysene
 Concen: 5.755 ng
 RT: 21.40 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BE100512.D
 Acq: 18 Sep 2019 18:09

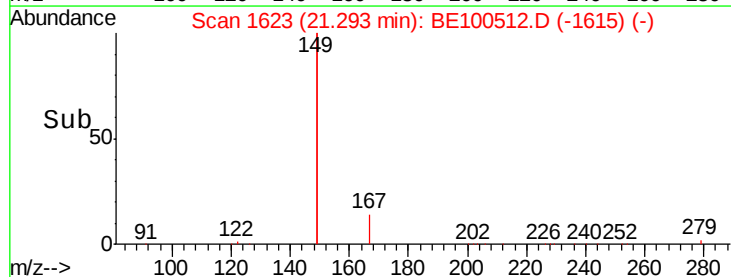
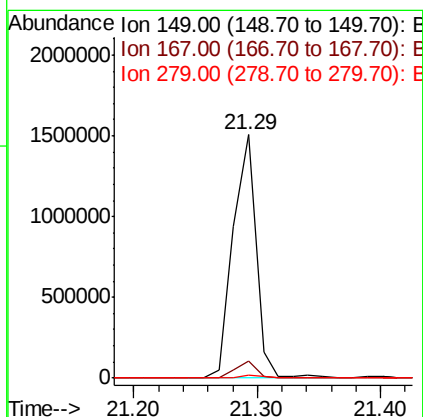
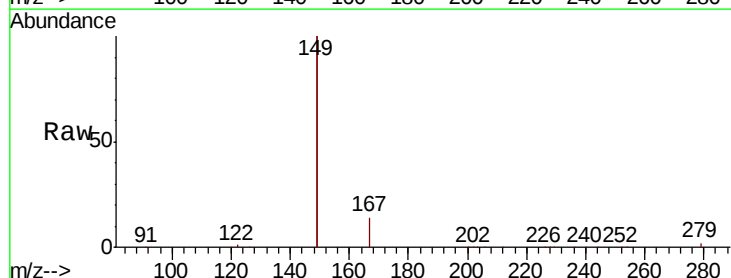
Instrument :
 BNA_E
 ClientSampleId :

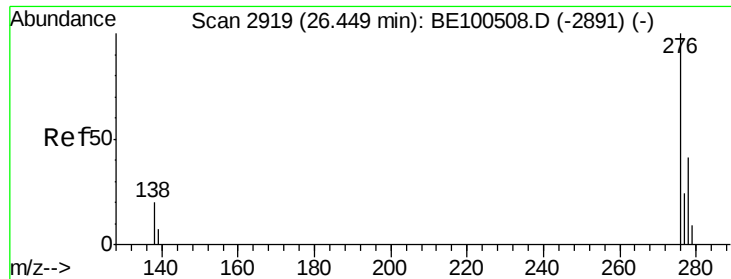
Tot Ion:228 Resp: 975728
 Ion Ratio Lower Upper
 228 100
 226 30.7 23.1 34.7
 229 20.2 15.8 23.8



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 4.944 ng
 RT: 21.29 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BE100512.D
 Acq: 18 Sep 2019 18:09

Tgt Ion:149 Resp: 1949780
 Ion Ratio Lower Upper
 149 100
 167 6.6 3.5 5.3#
 279 1.1 0.6 0.8#



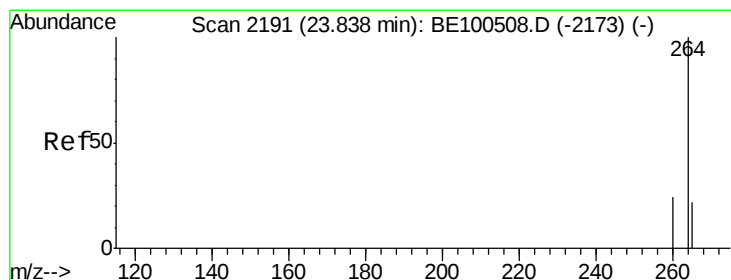
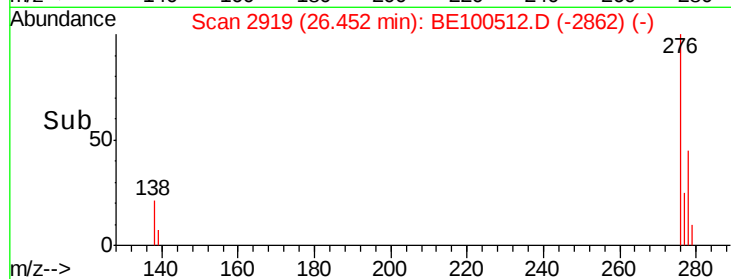
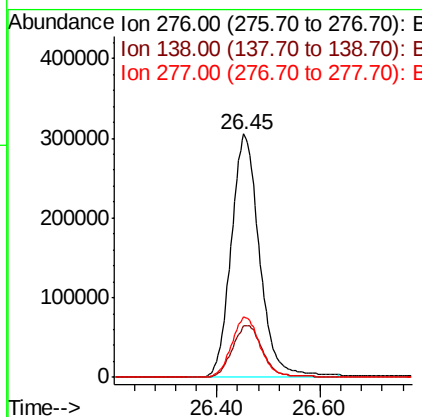
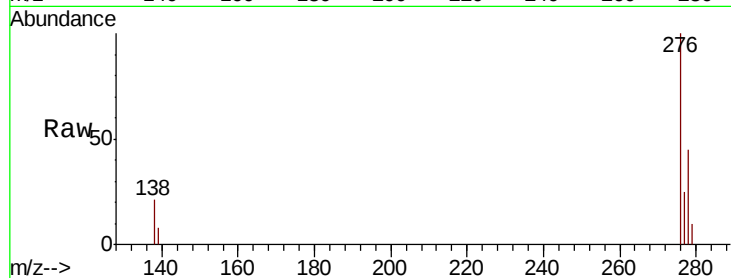


#33
 Indeno(1,2,3-cd)pyrene
 Concen: 6.312 ng
 RT: 26.45 min Scan# 2919
 Delta R.T. 0.00 min
 Lab File: BE100512.D
 Acq: 18 Sep 2019 18:09

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 1166575

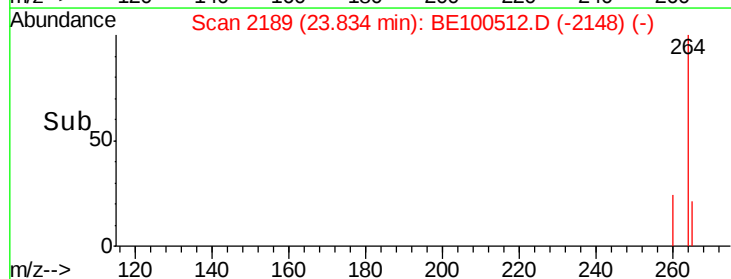
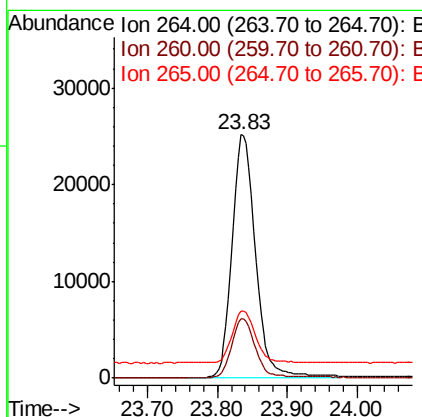
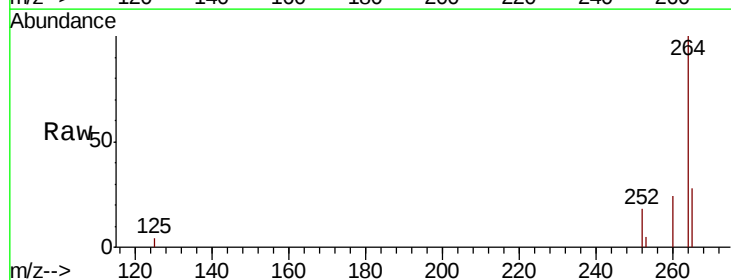
Ion	Ratio	Lower	Upper
276	100		
138	23.0	17.8	26.8
277	25.2	19.0	28.6

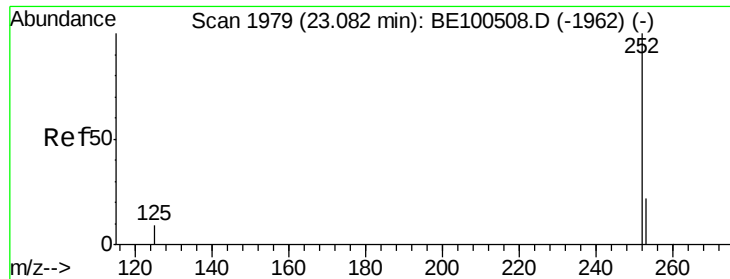


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.83 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BE100512.D
 Acq: 18 Sep 2019 18:09

Tgt Ion:264 Resp: 57704

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	27.7	23.0	34.4

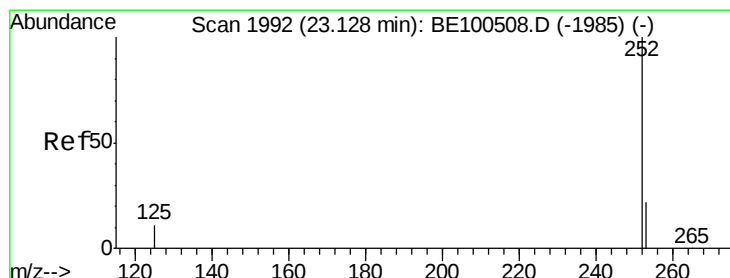
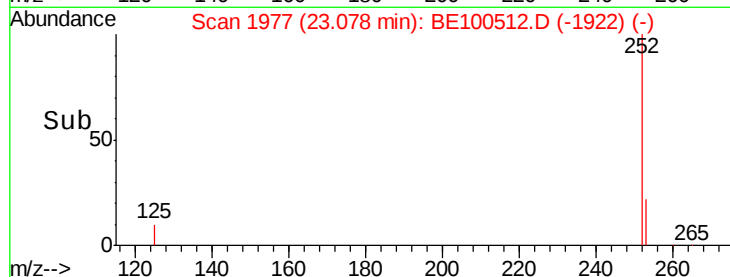
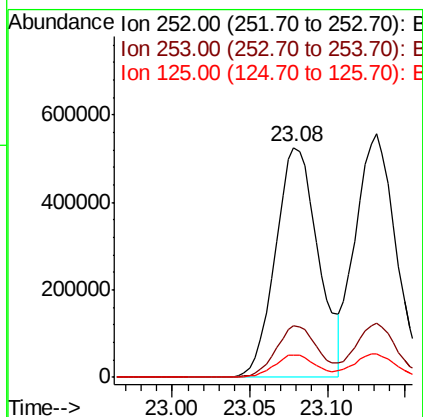
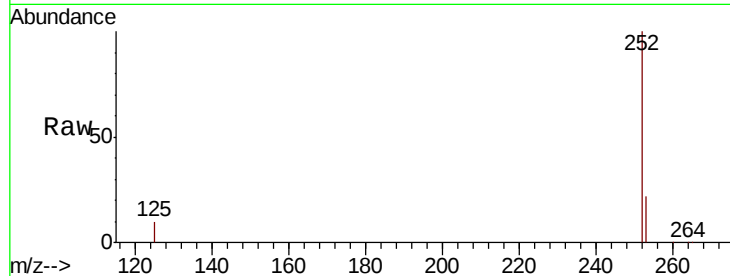




#35
Benzo(b)fluoranthene
Concen: 6.363 ng
RT: 23.08 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BE100512.D
Acq: 18 Sep 2019 18:09

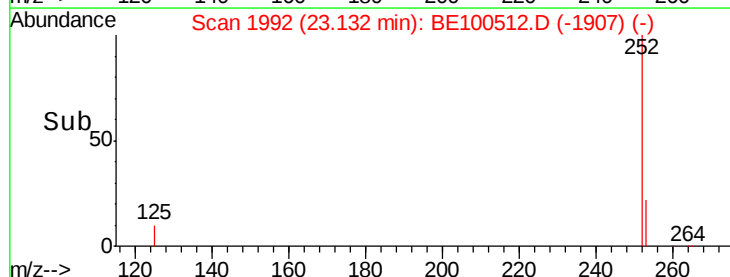
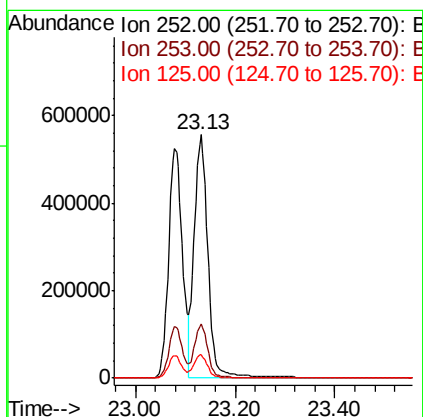
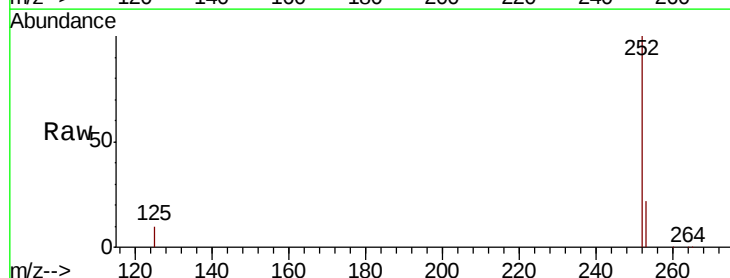
Instrument :
BNA_E
ClientSampleId :

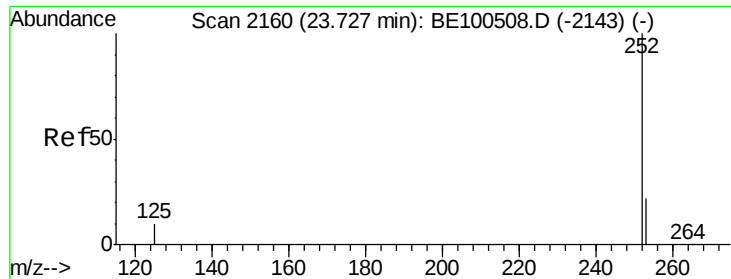
Tot Ion:252 Resp: 1005325
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 9.6 8.6 13.0



#36
Benzo(k)fluoranthene
Concen: 6.349 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BE100512.D
Acq: 18 Sep 2019 18:09

Tgt Ion:252 Resp: 1051809
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 9.7 9.3 13.9





#37

Benzo(a)pyrene

Concen: 6.085 ng

RT: 23.73 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BE100512.D

Acq: 18 Sep 2019 18:09

Instrument :

BNA_E

ClientSampled :

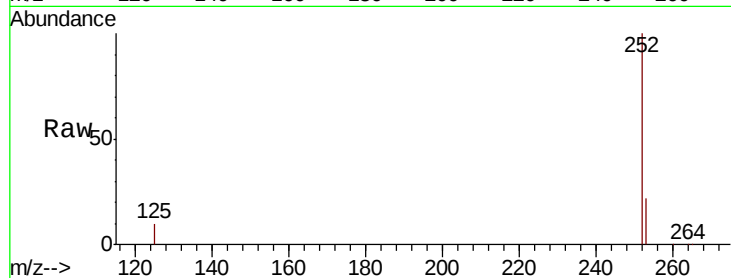
Tot Ion:252 Resp: 934095

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

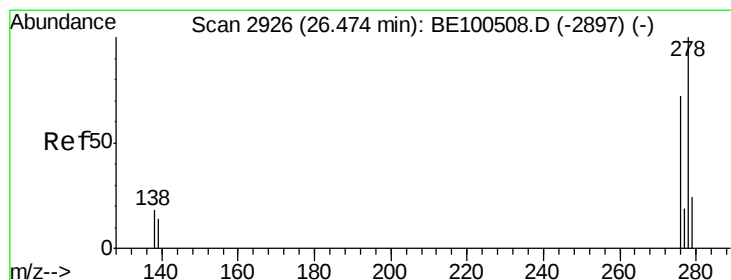
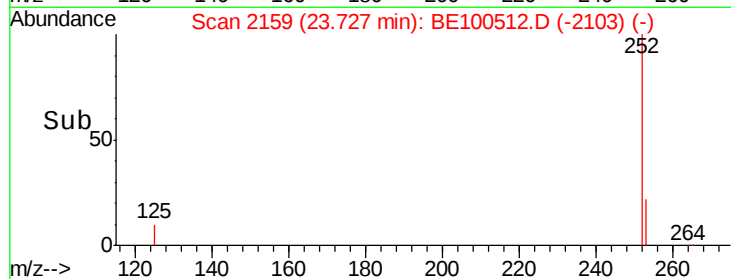
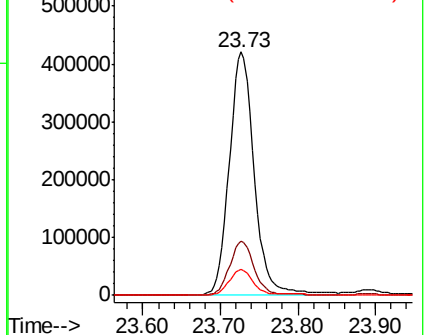
125 10.4 9.7 14.5



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: 6.695 ng

RT: 26.48 min Scan# 2926

Delta R.T. 0.00 min

Lab File: BE100512.D

Acq: 18 Sep 2019 18:09

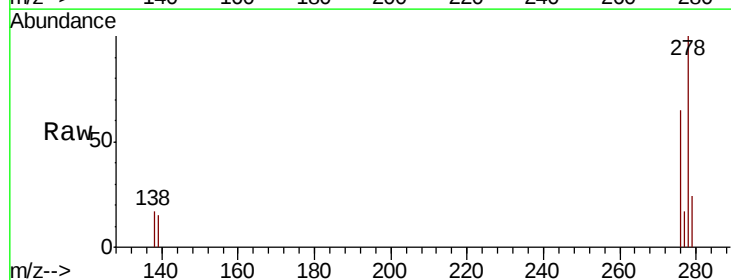
Tgt Ion:278 Resp: 971720

Ion Ratio Lower Upper

278 100

139 14.5 12.1 18.1

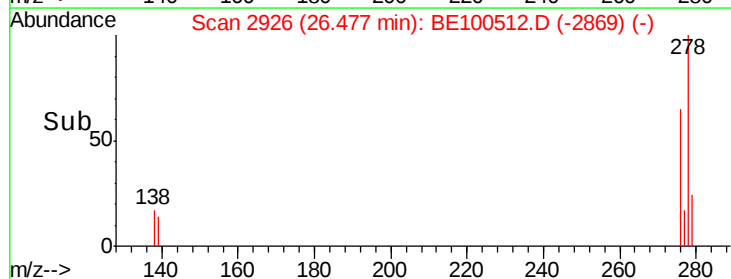
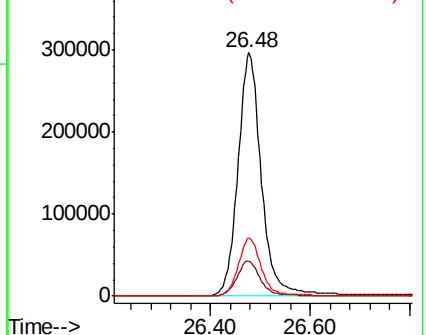
279 23.8 19.8 29.6

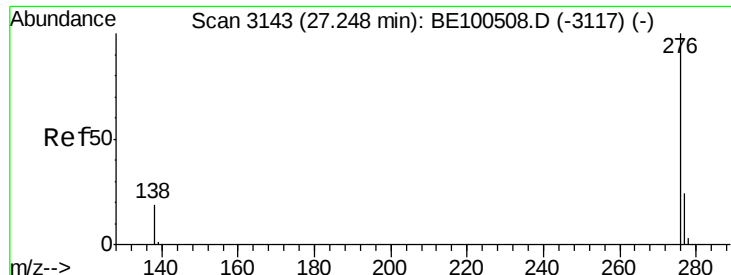


Abundance Ion 278.00 (277.70 to 278.70): E

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: 6.397 ng

RT: 27.25 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BE100512.D

Acq: 18 Sep 2019 18:09

Instrument :

BNA_E

ClientSampleId :

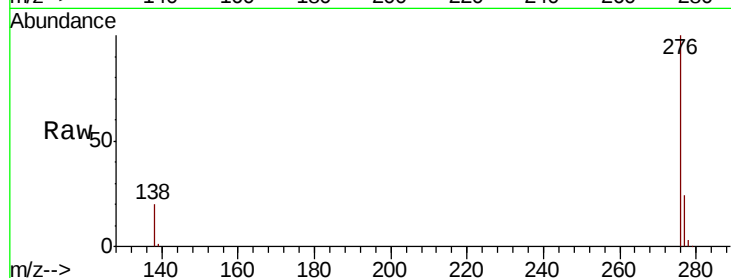
Tot Ion: 276 Resp: 949792

Ion Ratio Lower Upper

276 100

277 23.8 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

