

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
 Data File : BE100513.D
 Acq On : 18 Sep 2019 18:56
 Operator : HP/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 19 06:51:35 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 18:49:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	7142	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	32187	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	18687	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	42630	0.40	ng	0.00
27) Chrysene-d12	21.37	240	49020	0.40	ng	0.00
34) Perylene-d12	23.84	264	56438	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	8342	0.34	ng	-0.01
5) Phenol-d6	7.02	99	10638	0.36	ng	0.00
8) Nitrobenzene-d5	9.00	82	7115	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	20718	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1422	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	26860	0.37	ng	0.00
25) Fluoranthene-d10	19.23	212	218350	0.38	ng	0.00
29) Terphenyl-d14	19.83	244	48192	0.40	ng	0.00

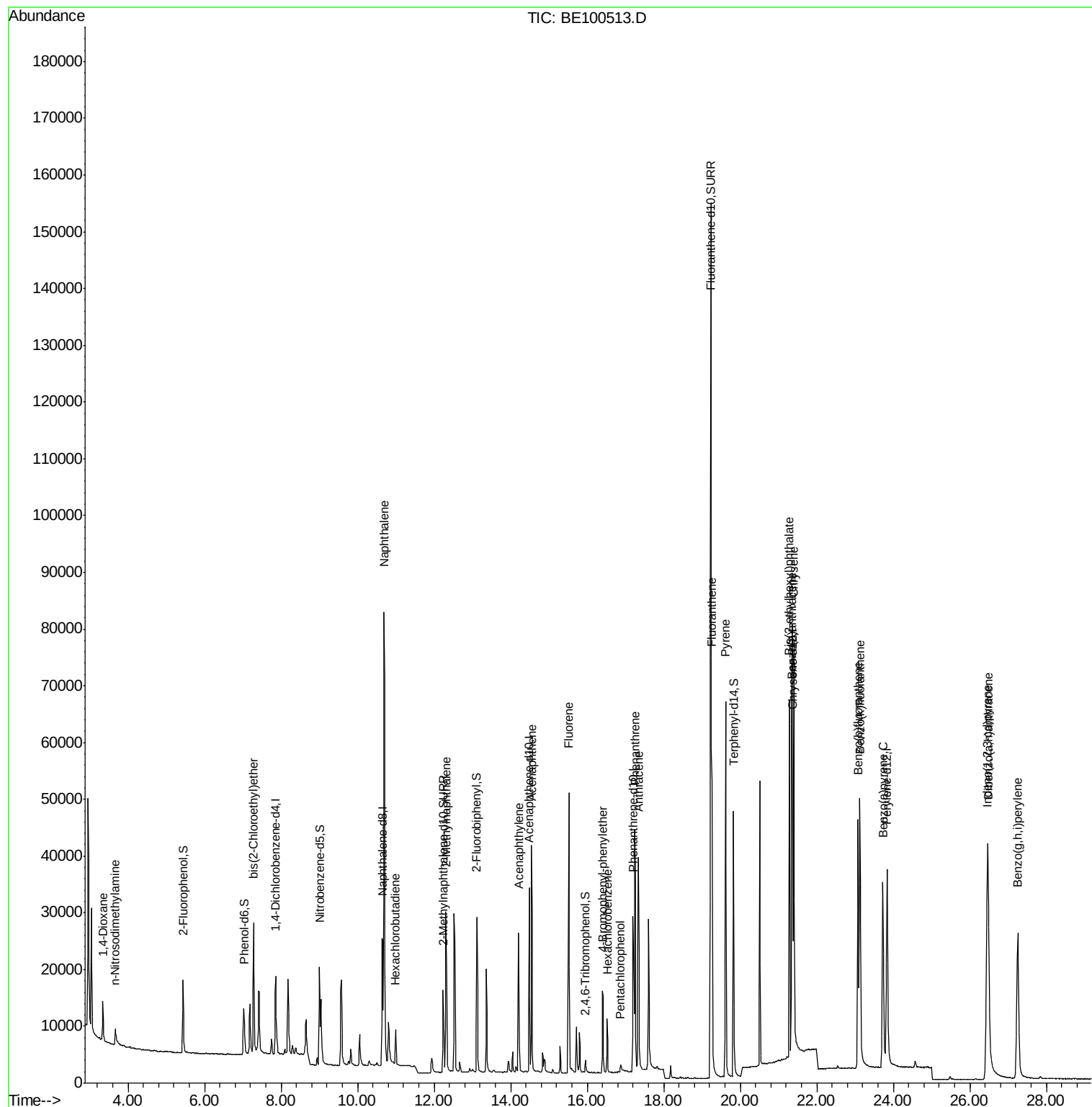
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	5373	0.431	ng	92
3) n-Nitrosodimethylamine	3.66	42	2524	0.330	ng	# 88
6) bis(2-Chloroethyl)ether	7.28	93	10201	0.377	ng	98
9) Naphthalene	10.69	128	145114	0.401	ng	100
10) Hexachlorobutadiene	10.99	225	4541	0.401	ng	98
12) 2-Methylnaphthalene	12.31	142	22872	0.383	ng	98
16) Acenaphthylene	14.21	152	35284	0.359	ng	100
17) Acenaphthene	14.54	154	22662	0.368	ng	99
18) Fluorene	15.52	166	28569	0.359	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	8123	0.374	ng	98
21) Hexachlorobenzene	16.52	284	6980	0.397	ng	99
22) Pentachlorophenol	16.87	266	1477	0.439	ng	95
23) Phenanthrene	17.24	178	50513	0.393	ng	100
24) Anthracene	17.34	178	42853	0.369	ng	99
26) Fluoranthene	19.26	202	62823	0.387	ng	99
28) Pyrene	19.61	202	63382	0.396	ng	100
30) Benzo(a)anthracene	21.34	228	61838	0.382	ng	98
31) Chrysene	21.40	228	64989	0.393	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	87034	0.342	ng	# 94
33) Indeno(1,2,3-cd)pyrene	26.46	276	77489	0.395	ng	99
35) Benzo(b)fluoranthene	23.08	252	64162	0.371	ng	99
36) Benzo(k)fluoranthene	23.13	252	73323	0.379	ng	99
37) Benzo(a)pyrene	23.73	252	62487	0.376	ng	99
38) Dibenzo(a,h)anthracene	26.48	278	63197	0.376	ng	99
39) Benzo(g,h,i)perylene	27.25	276	66718	0.387	ng	100

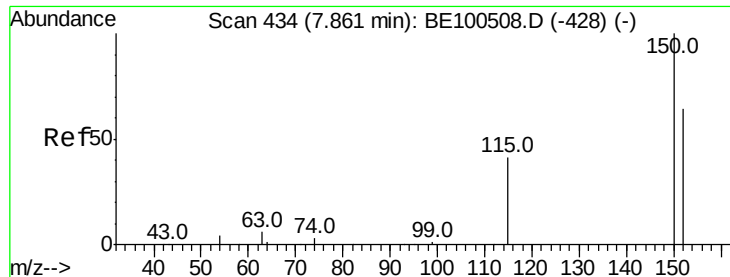
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

Instrument :

BNA_E

ClientSampleId :

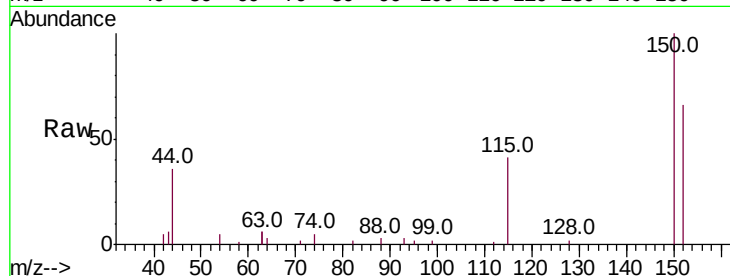
Tot Ion:152 Resp: 7142

Ion Ratio Lower Upper

152 100

150 151.0 124.1 186.1

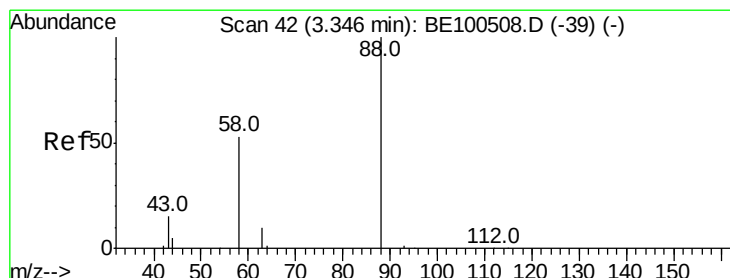
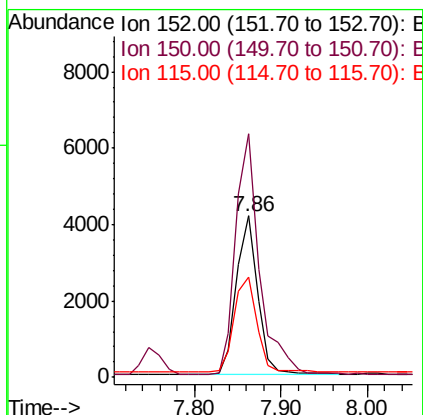
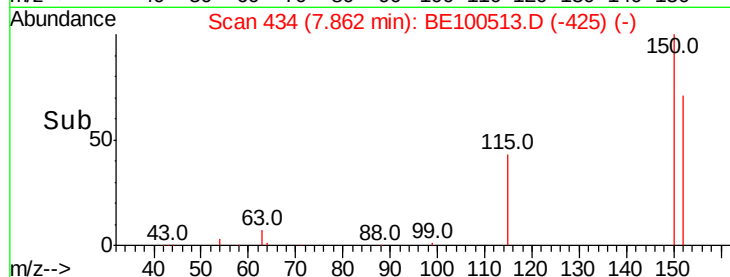
115 62.0 53.0 79.6



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: 0.431 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

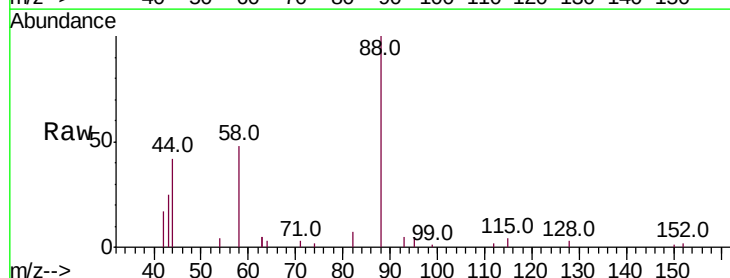
Tgt Ion: 88 Resp: 5373

Ion Ratio Lower Upper

88 100

58 62.5 56.2 84.2

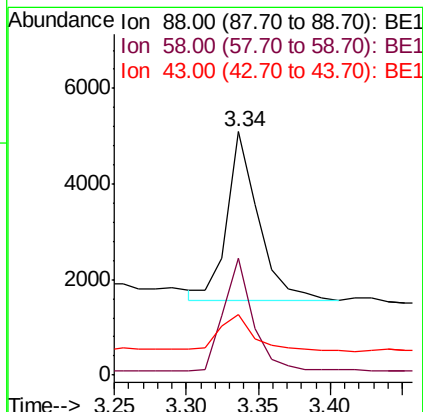
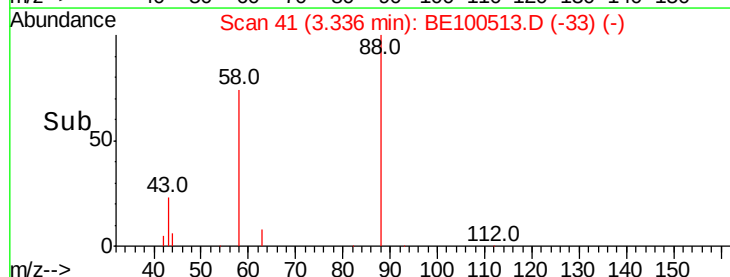
43 21.7 19.2 28.8

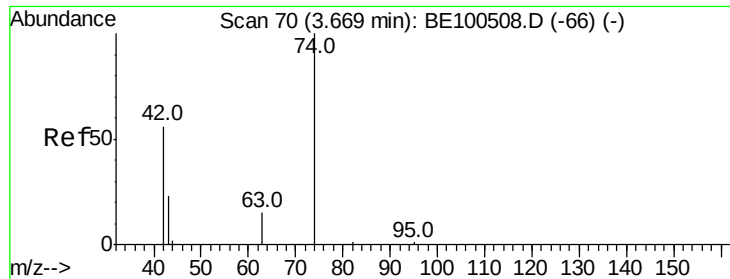


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.330 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

Instrument :

BNA_E

ClientSampleId :

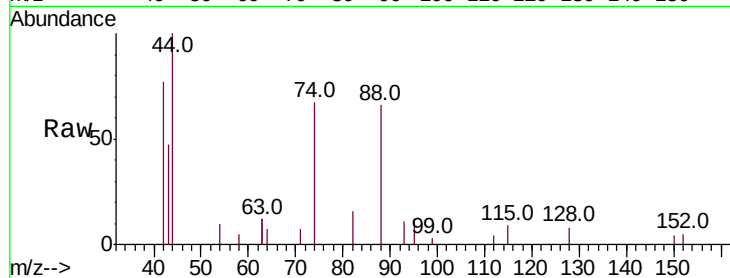
Tot Ion: 42 Resp: 2524

Ion Ratio Lower Upper

42 100

74 168.7 127.2 190.8

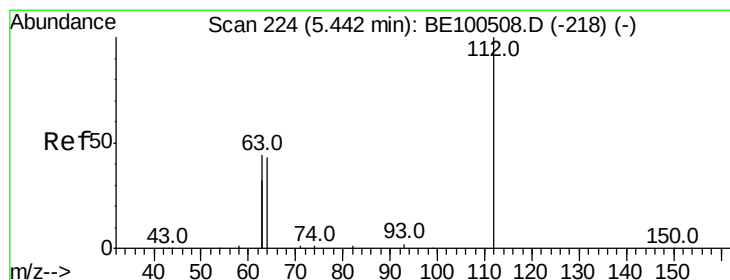
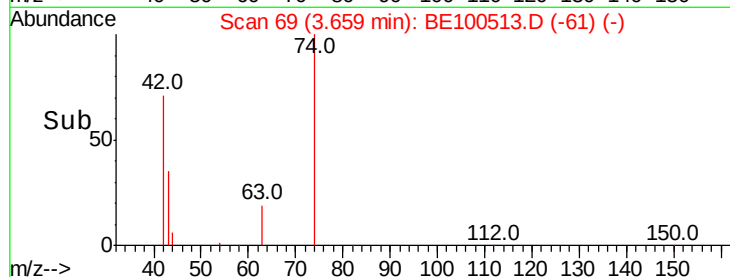
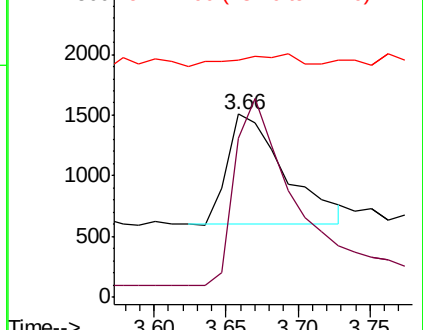
44 0.0 18.2 27.4#



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: 0.343 ng

RT: 5.43 min Scan# 223

Delta R.T. -0.01 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

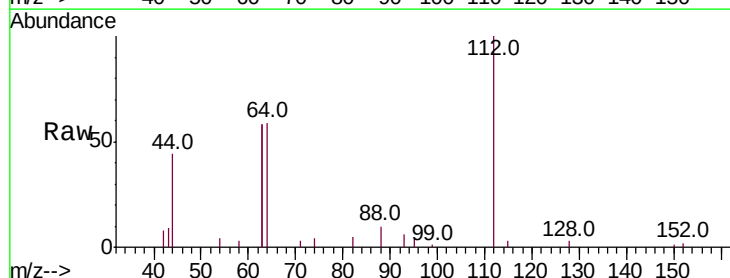
Tgt Ion: 112 Resp: 8342

Ion Ratio Lower Upper

112 100

64 56.8 46.2 69.2

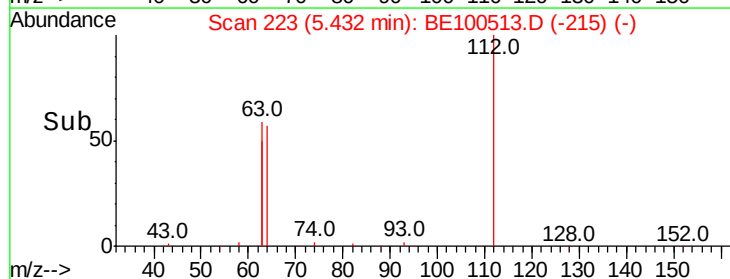
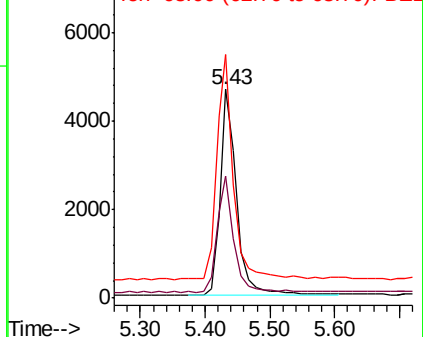
63 108.7 88.2 132.4

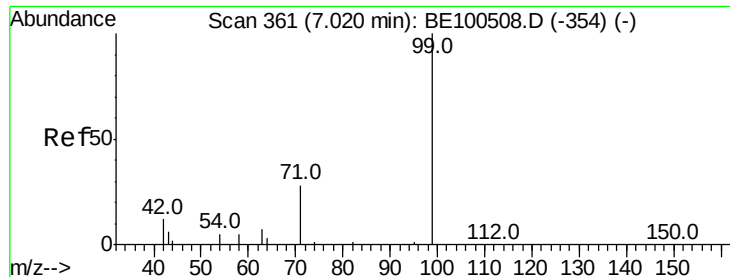


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.357 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

Instrument :

BNA_E

ClientSampleId :

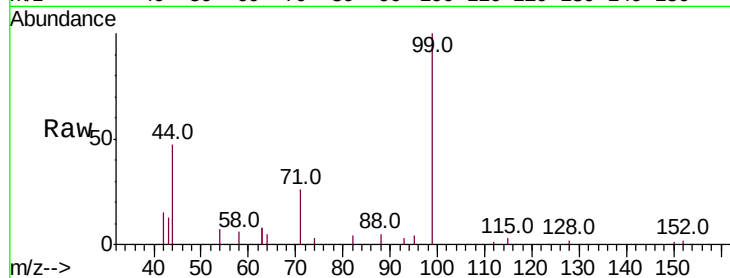
Tot Ion: 99 Resp: 10638

Ion Ratio Lower Upper

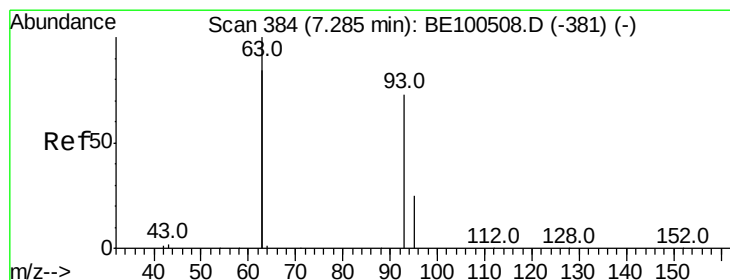
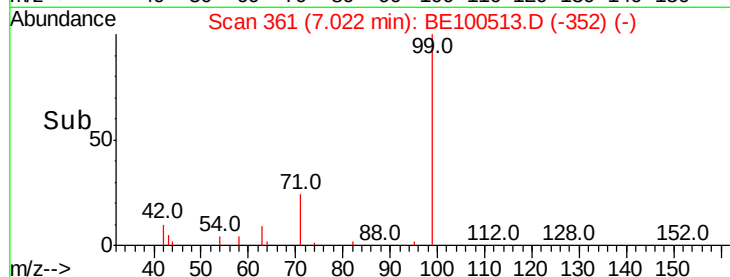
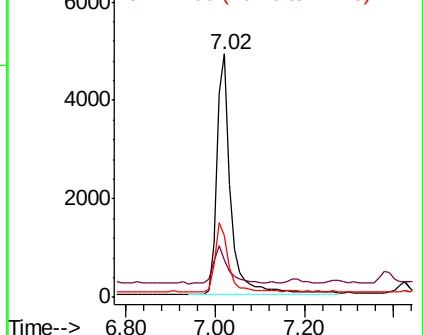
99 100

42 15.6 12.0 18.0

71 27.7 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: 0.377 ng

RT: 7.28 min Scan# 383

Delta R.T. -0.01 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

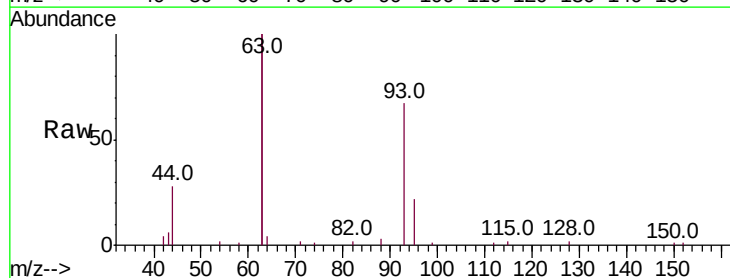
Tgt Ion: 93 Resp: 10201

Ion Ratio Lower Upper

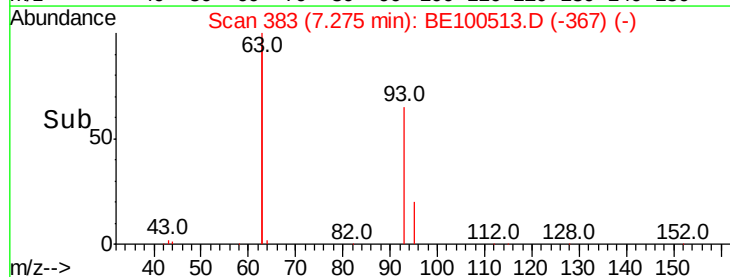
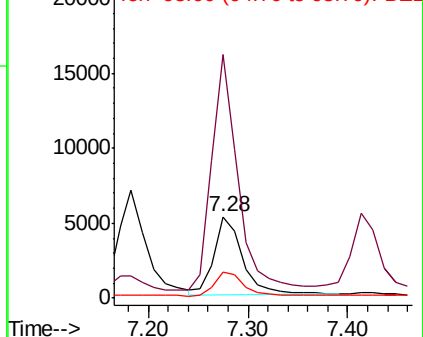
93 100

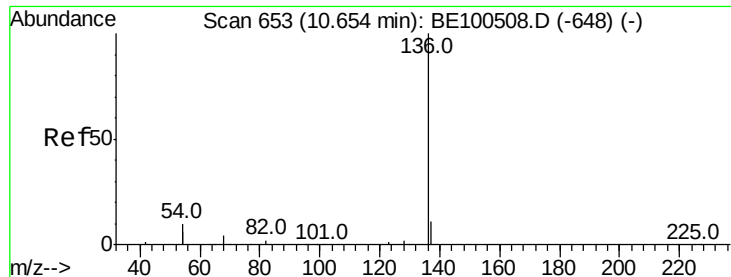
63 282.6 228.3 342.5

95 31.7 24.6 36.8



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 32187

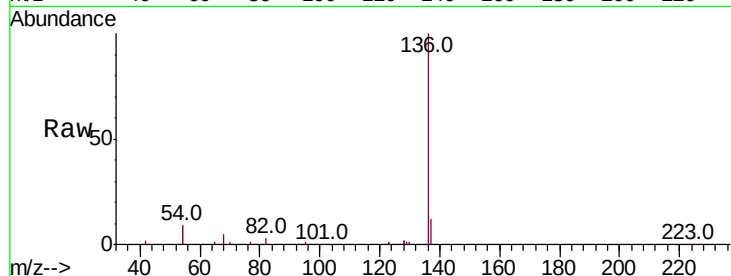
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 18.9 15.4 23.0

68 4.6 4.0 6.0

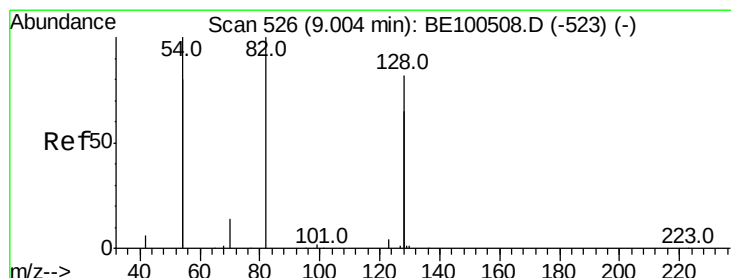
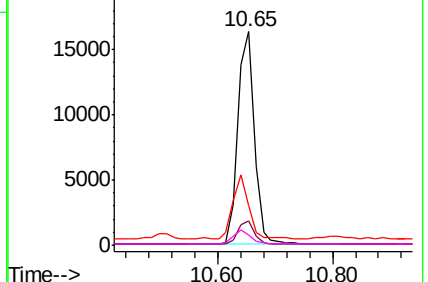
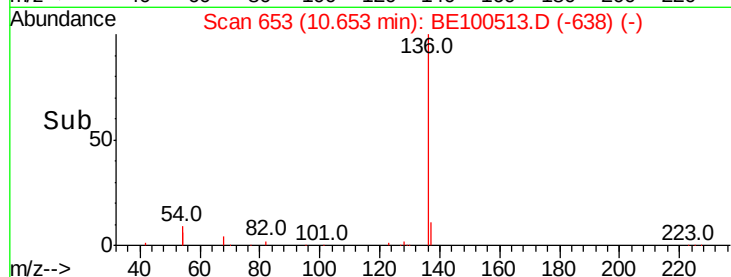


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.400 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

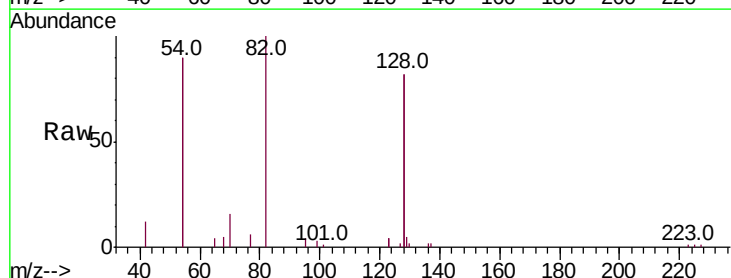
Tgt Ion: 82 Resp: 7115

Ion Ratio Lower Upper

82 100

128 163.3 124.6 186.8

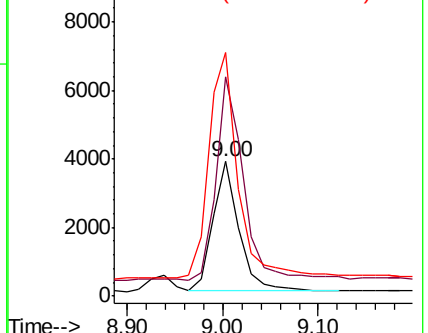
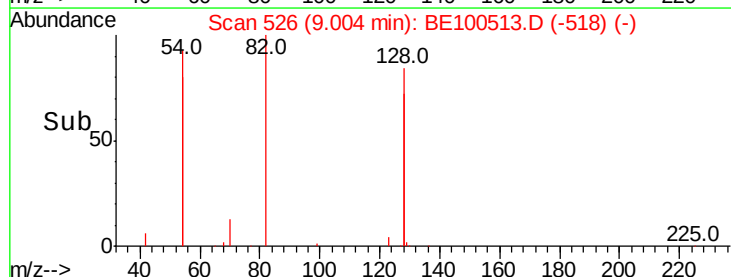
54 180.9 151.8 227.8

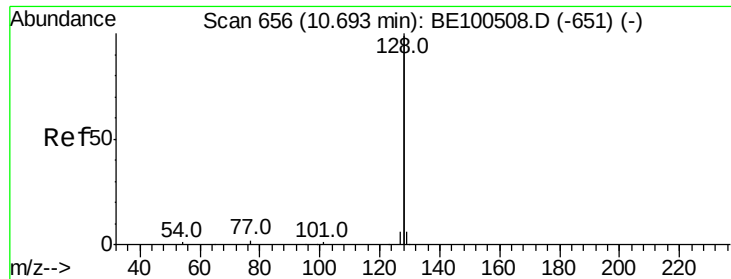


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.401 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

Instrument :

BNA_E

ClientSampleId :

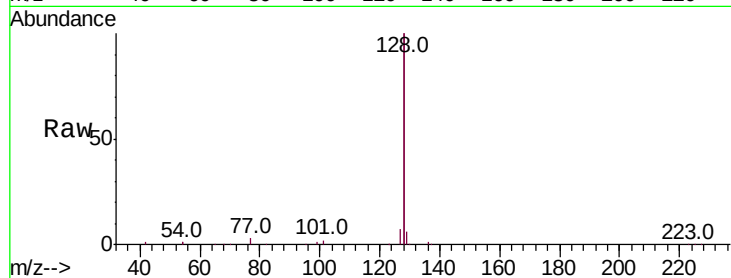
Tot Ion:128 Resp: 145114

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

127 3.4 2.6 4.0

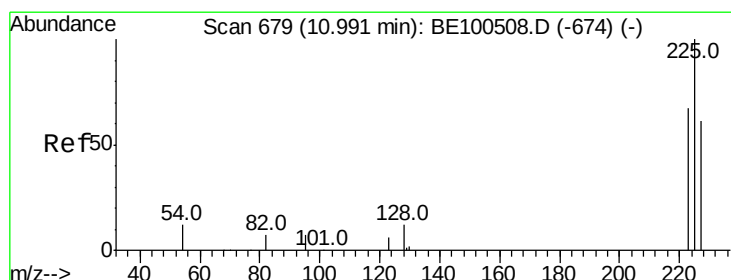
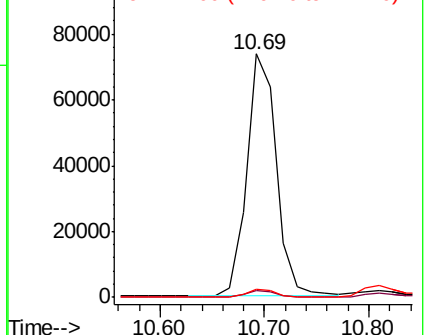
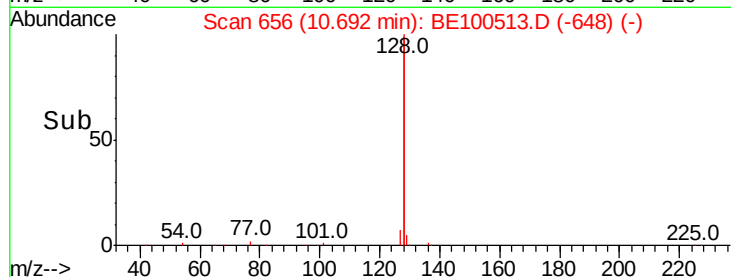


Abundance Ion 128.00 (127.70 to 128.70): E

100000

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.401 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

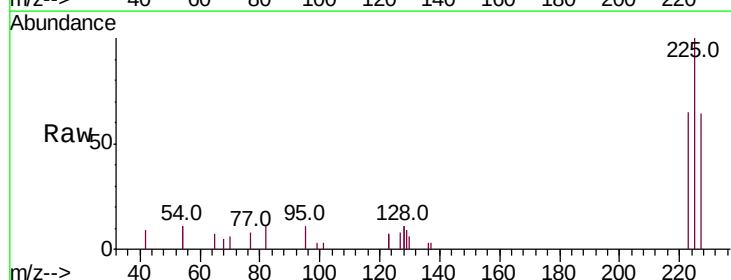
Tgt Ion:225 Resp: 4541

Ion Ratio Lower Upper

225 100

223 62.5 51.0 76.6

227 63.1 51.6 77.4

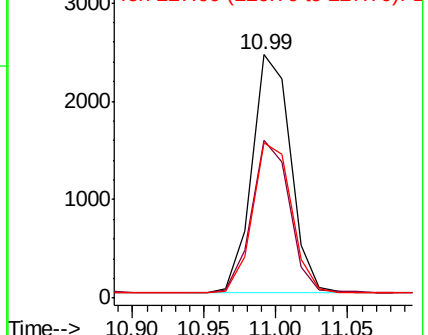
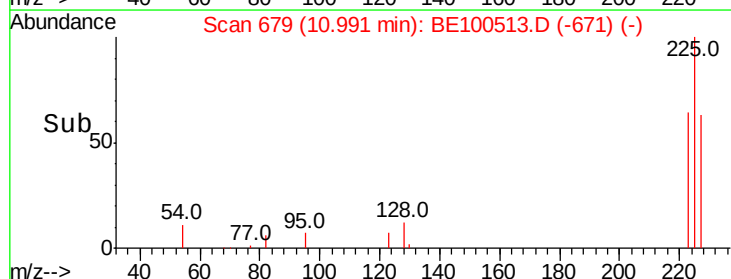


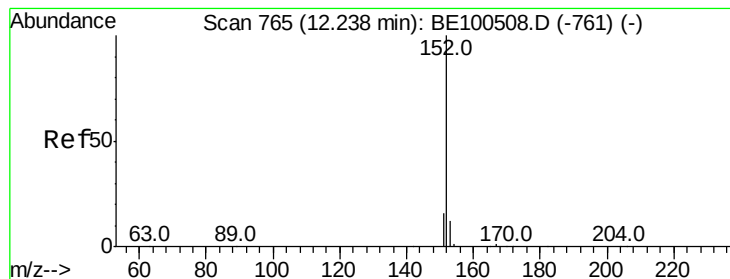
Abundance Ion 225.00 (224.70 to 225.70): E

3000

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

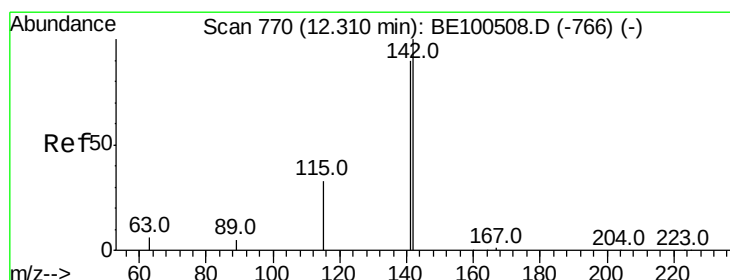
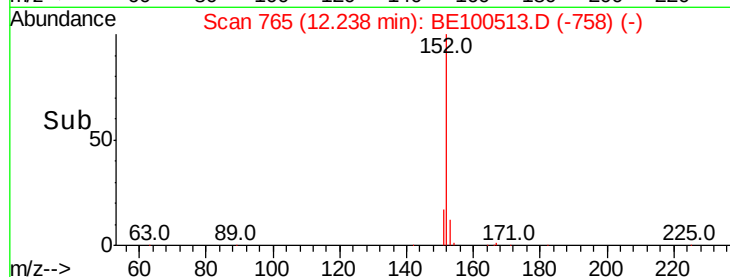
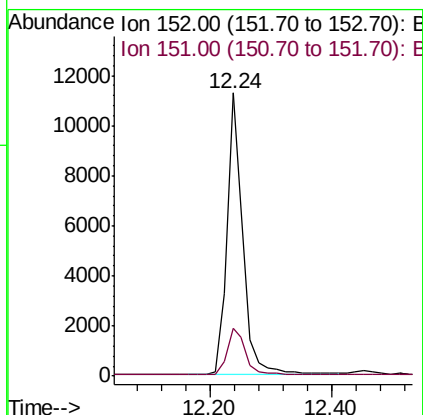
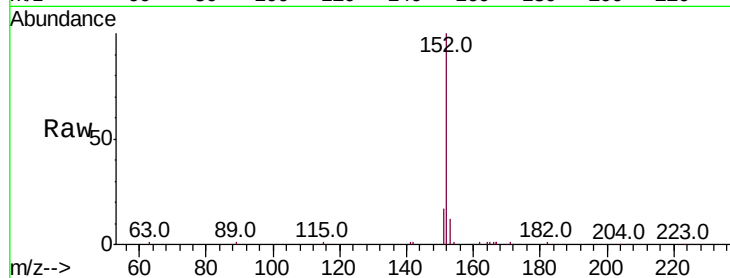




#11
 2-Methylnaphthalene-d10
 Concen: 0.393 ng
 RT: 12.24 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BE100513.D
 Acq: 18 Sep 2019 18:56

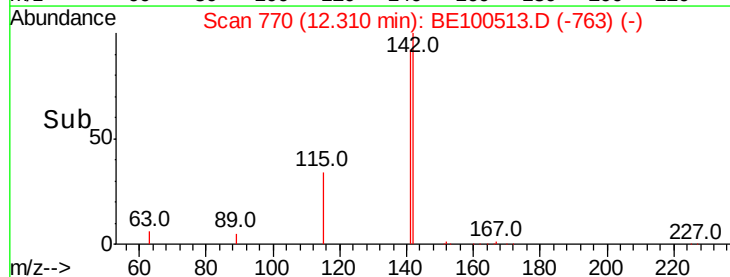
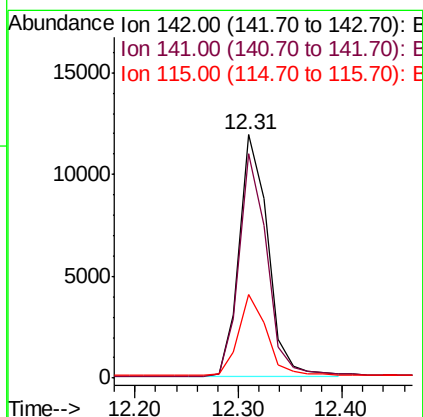
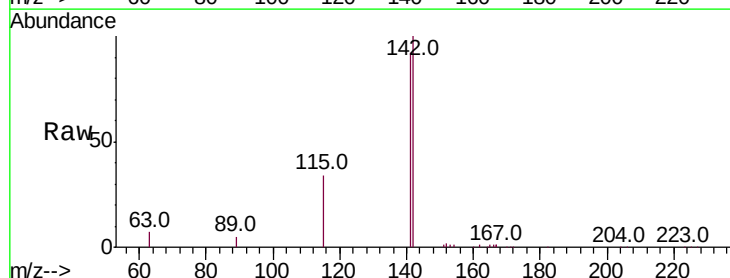
Instrument :
 BNA_E
 ClientSampleId :

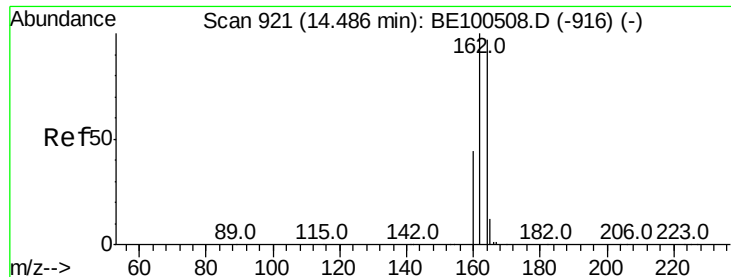
Tot Ion:152 Resp: 20718
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.383 ng
 RT: 12.31 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BE100513.D
 Acq: 18 Sep 2019 18:56

Tgt Ion:142 Resp: 22872
 Ion Ratio Lower Upper
 142 100
 141 92.2 72.1 108.1
 115 34.4 27.4 41.2



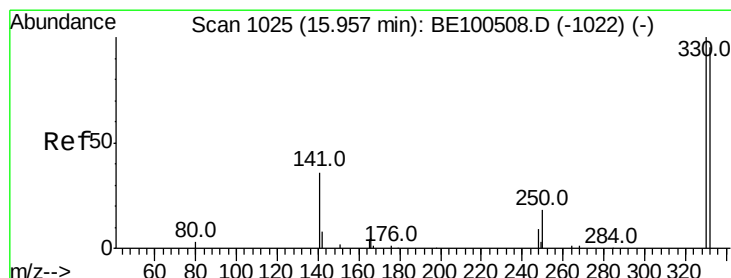
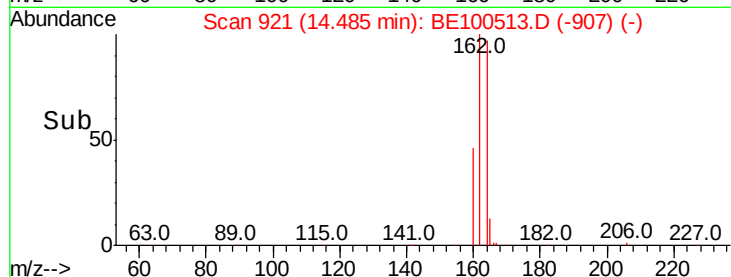
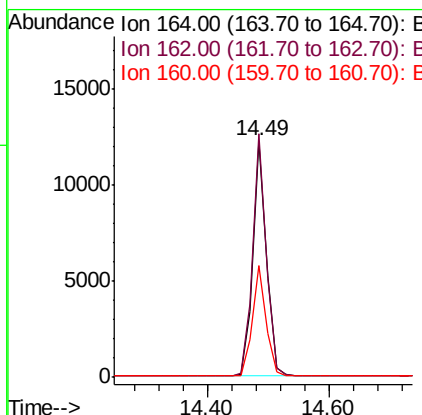
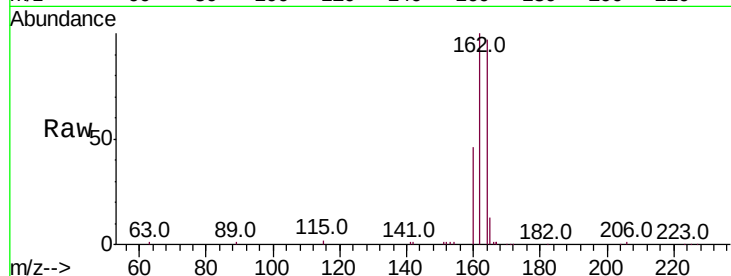


#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BE100513.D
 Acq: 18 Sep 2019 18:56

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 18687

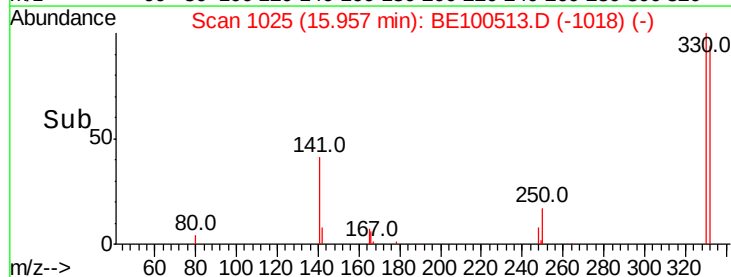
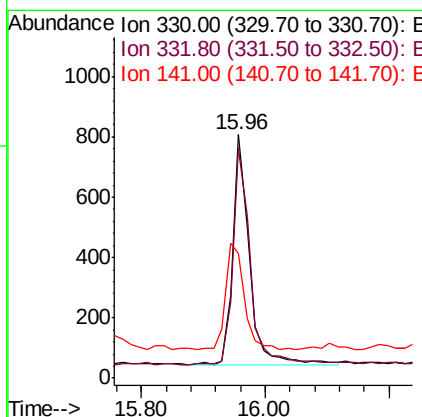
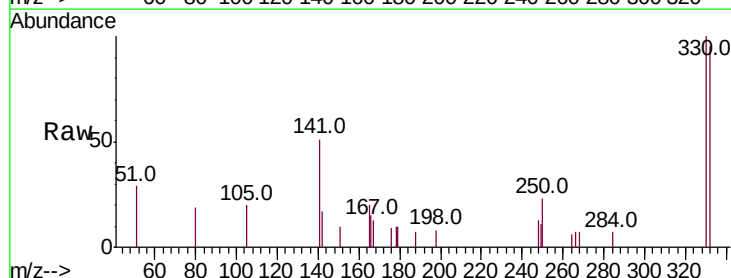
Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	47.3	36.8	55.2

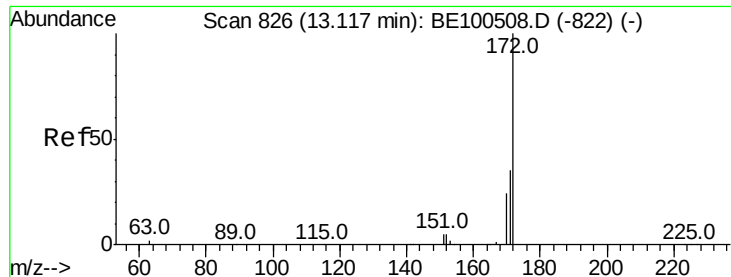


#14
 2,4,6-Tribromophenol
 Concen: 0.323 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BE100513.D
 Acq: 18 Sep 2019 18:56

Tgt Ion:330 Resp: 1422

Ion	Ratio	Lower	Upper
330	100		
332	98.3	80.2	120.2
141	51.1	43.7	65.5

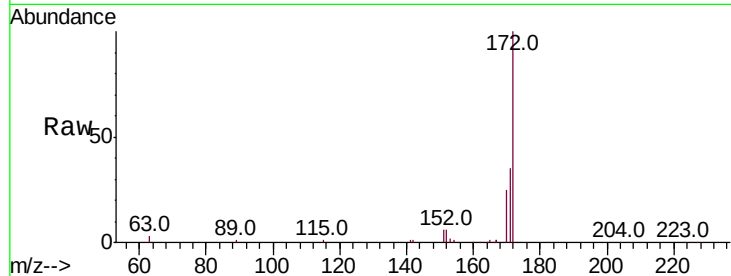




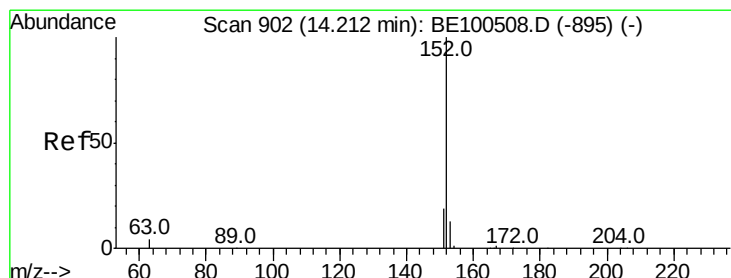
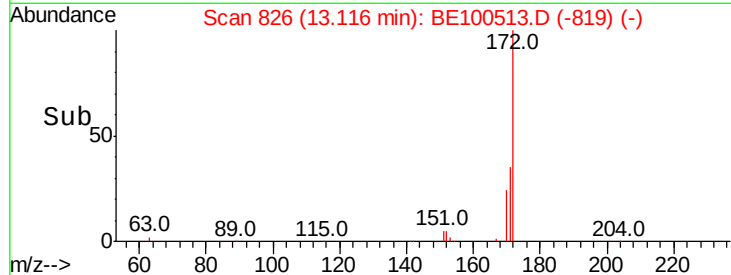
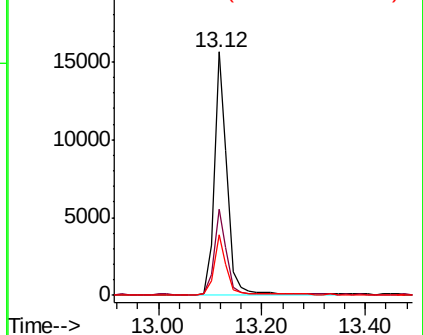
#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 26860
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.7 19.2 28.8

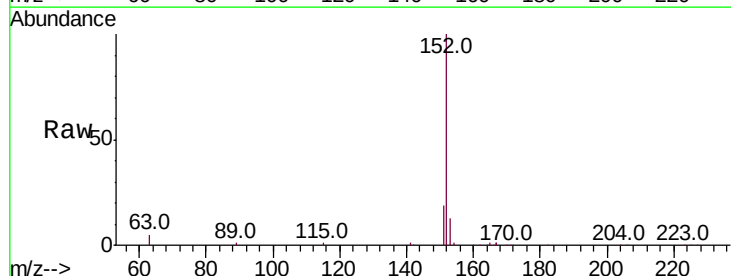


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

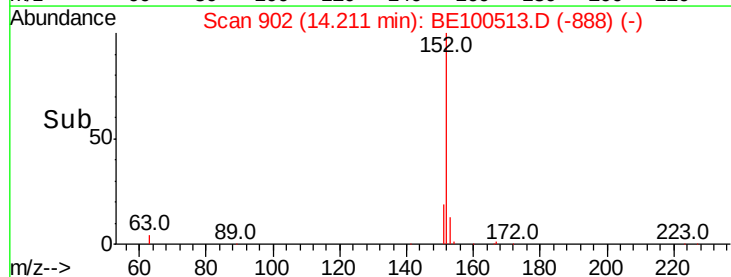
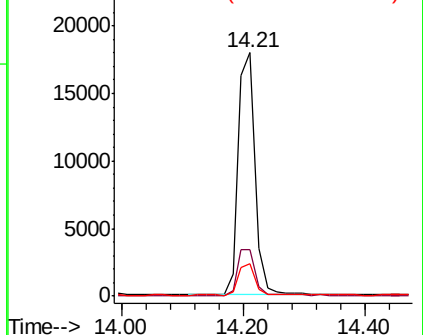


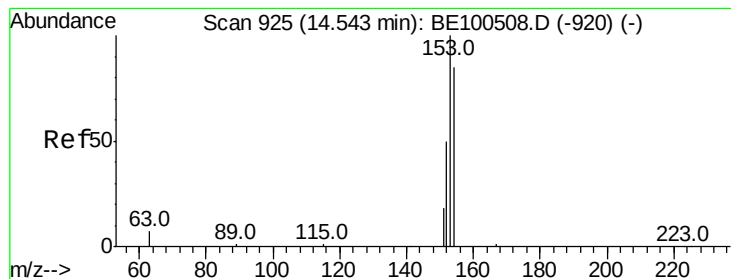
#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion:152 Resp: 35284
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 12.7 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: 0.368 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

Instrument :

BNA_E

ClientSampleId :

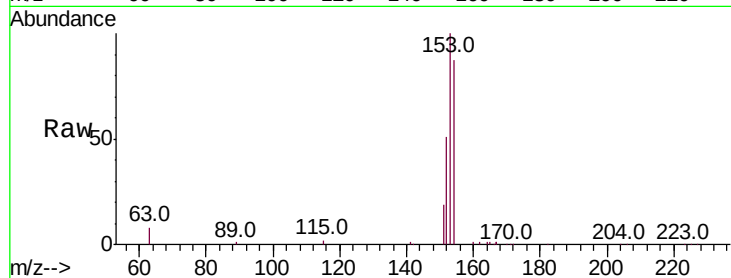
Tot Ion:154 Resp: 22662

Ion Ratio Lower Upper

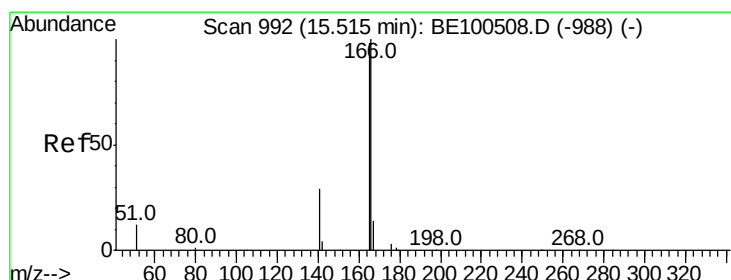
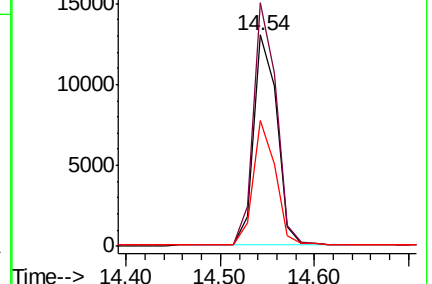
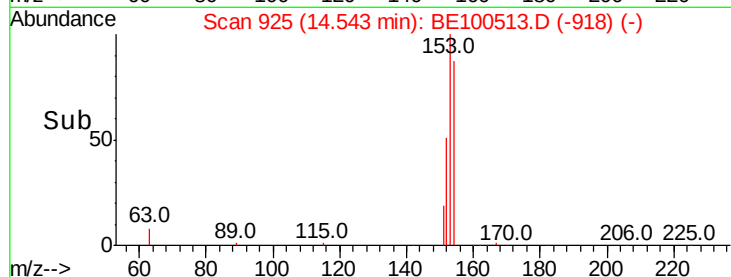
154 100

153 113.0 91.5 137.3

152 56.4 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: 0.359 ng

RT: 15.52 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

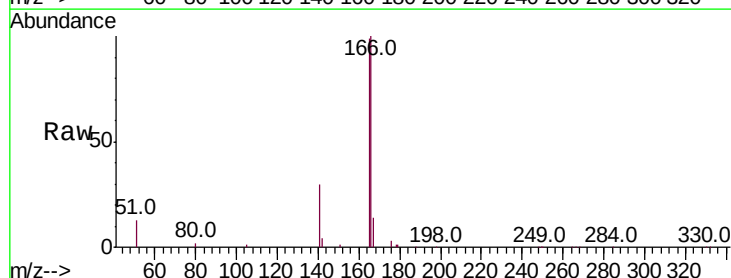
Tgt Ion:166 Resp: 28569

Ion Ratio Lower Upper

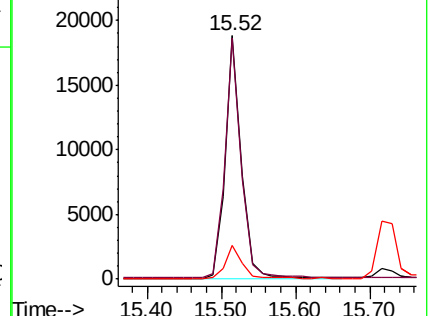
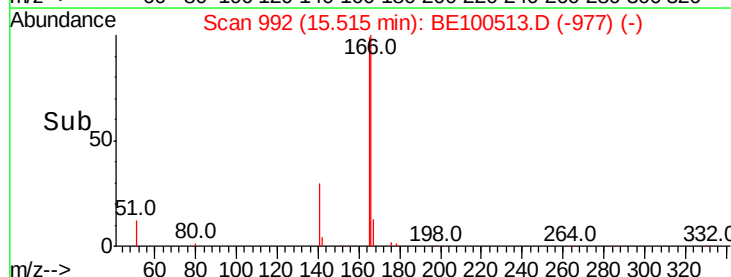
166 100

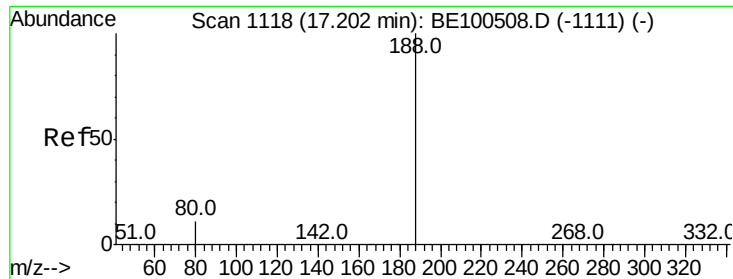
165 99.8 78.9 118.3

167 13.4 10.9 16.3



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

Instrument :

BNA_E

ClientSampleId :

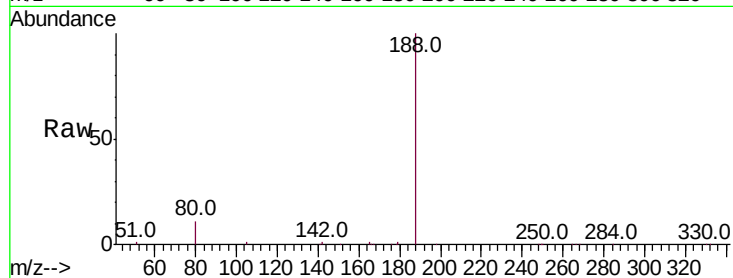
Tot Ion:188 Resp: 42630

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

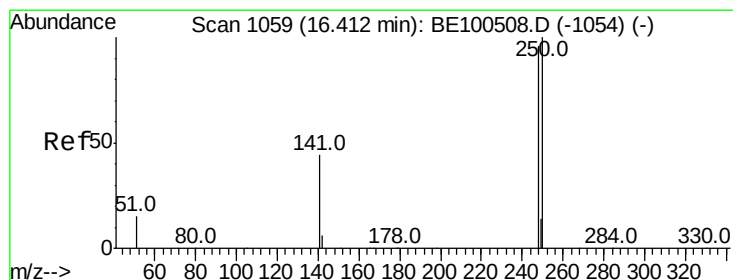
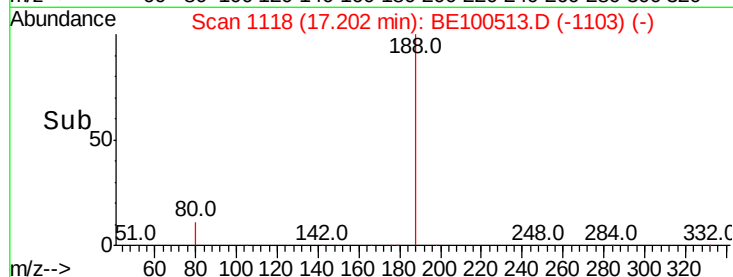
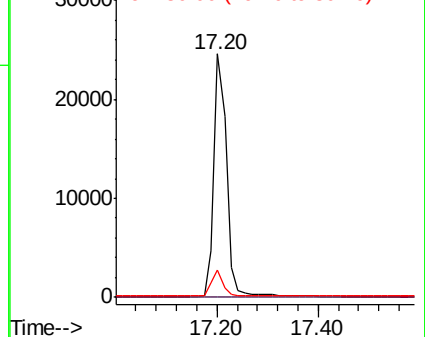
80 11.4 9.0 13.6



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: 0.374 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

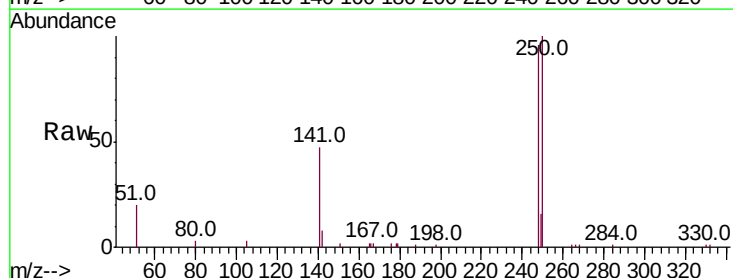
Tgt Ion:248 Resp: 8123

Ion Ratio Lower Upper

248 100

250 104.7 83.0 124.4

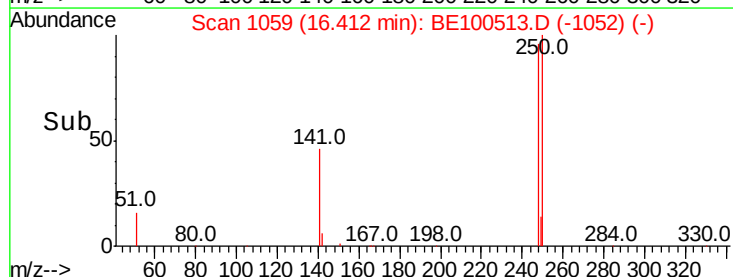
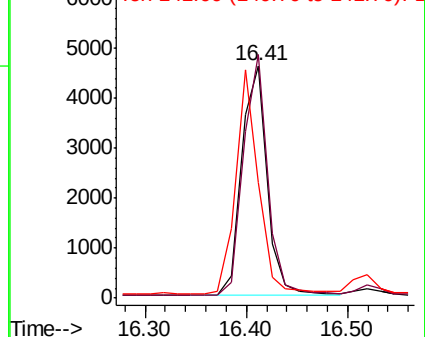
141 49.5 38.0 57.0

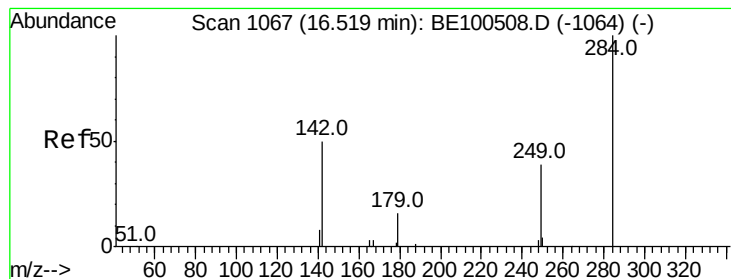


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.397 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

Instrument :

BNA_E

ClientSampleId :

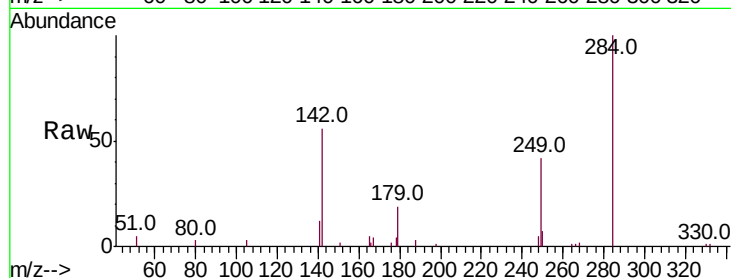
Tot Ion:284 Resp: 6980

Ion Ratio Lower Upper

284 100

142 47.9 38.2 57.4

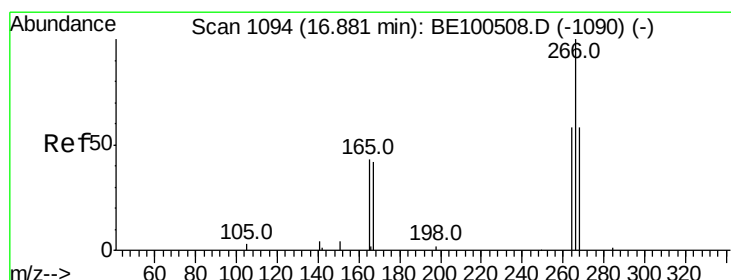
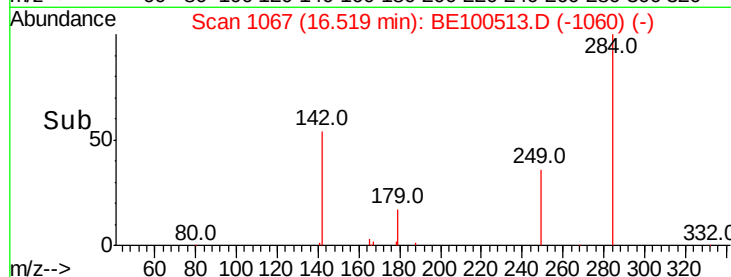
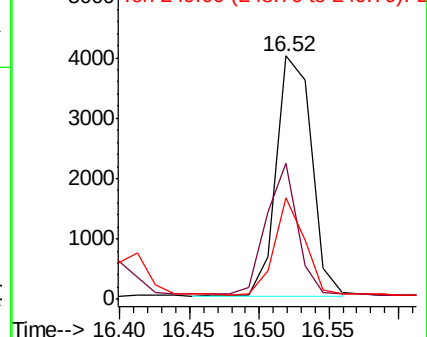
249 34.4 28.8 43.2



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: 0.439 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

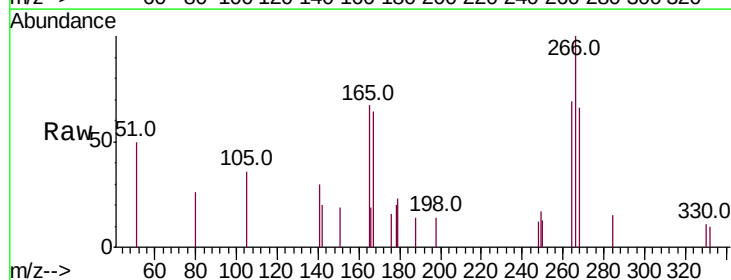
Tgt Ion:266 Resp: 1477

Ion Ratio Lower Upper

266 100

264 68.7 48.6 73.0

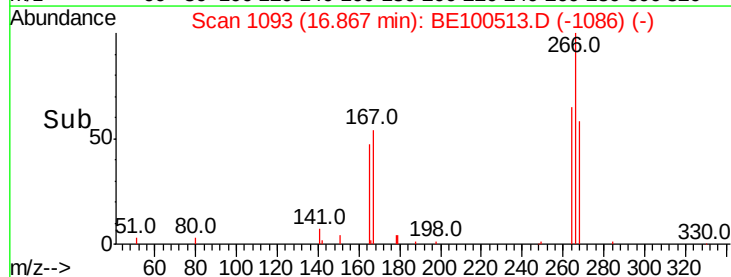
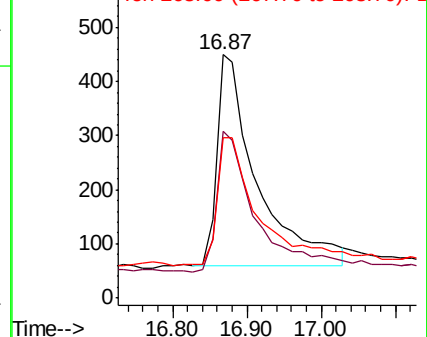
268 66.0 52.3 78.5

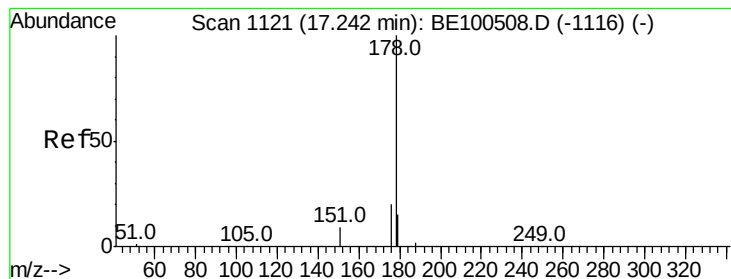


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.393 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

Instrument :

BNA_E

ClientSampleId :

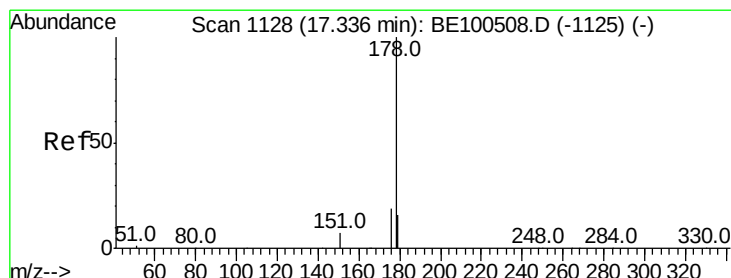
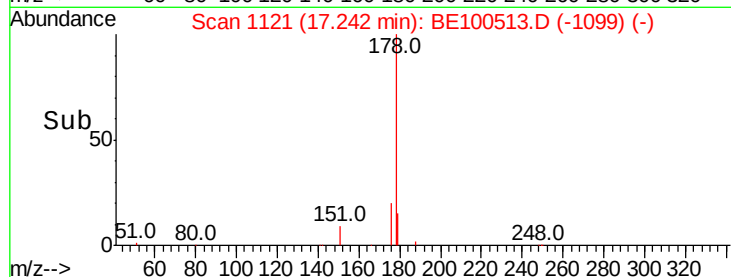
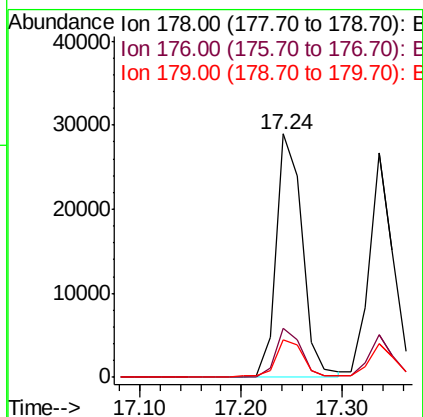
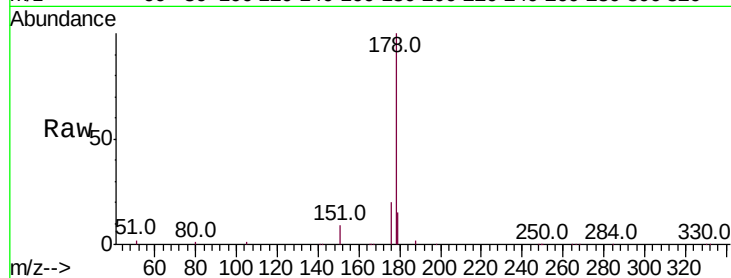
Tot Ion:178 Resp: 50513

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.4	18.6

178 100

176 19.3 15.4 23.2

179 15.4 12.4 18.6



#24

Anthracene

Concen: 0.369 ng

RT: 17.34 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

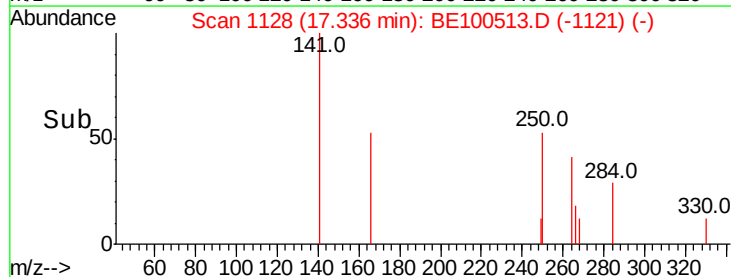
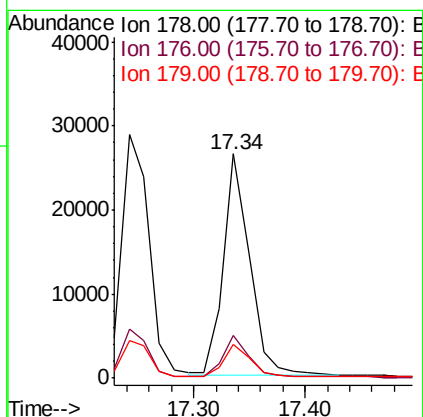
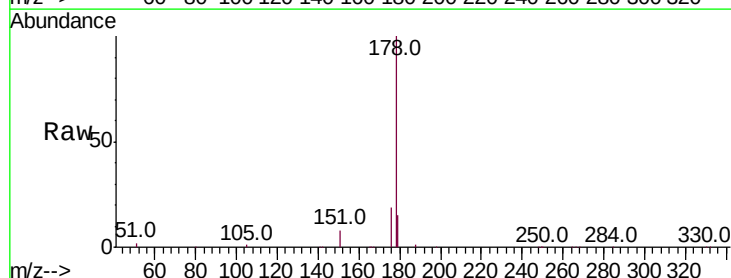
Tgt Ion:178 Resp: 42853

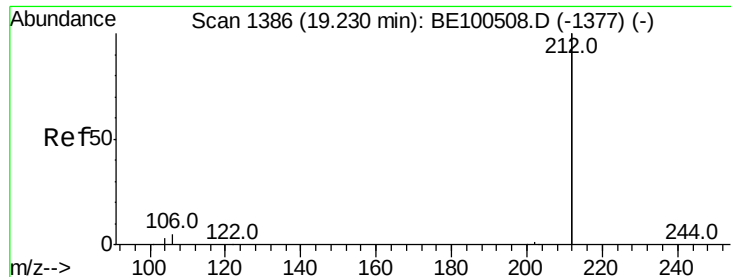
Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.0	12.4	18.6

178 100

176 18.7 14.9 22.3

179 15.0 12.4 18.6





#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 19.23 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

Instrument :

BNA_E

ClientSampleId :

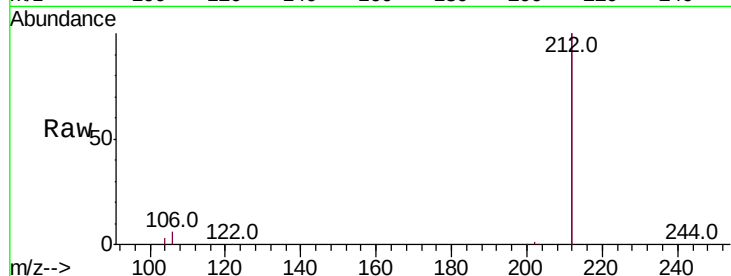
Tot Ion:212 Resp: 218350

Ion Ratio Lower Upper

212 100

106 3.0 2.4 3.6

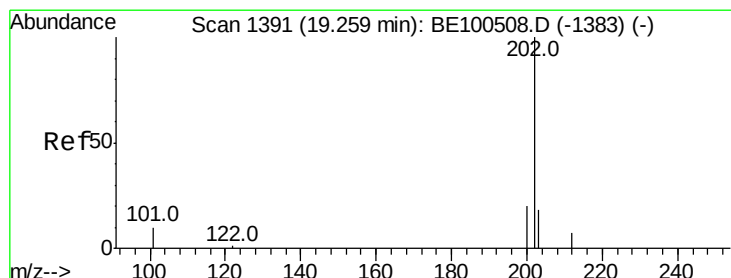
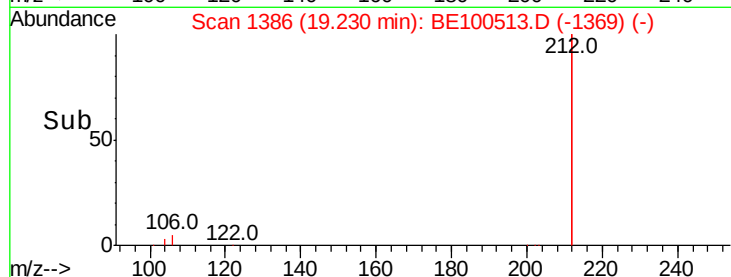
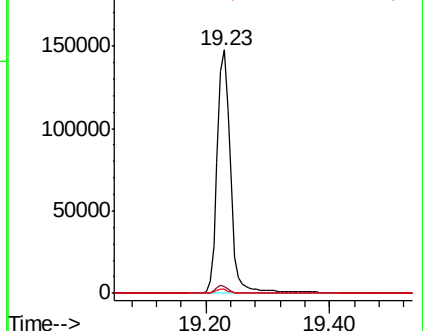
104 1.7 1.4 2.0



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: 0.387 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

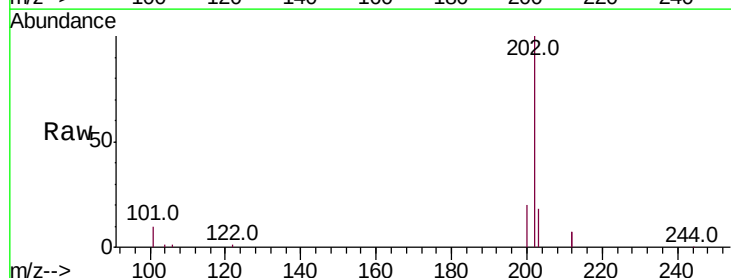
Tgt Ion:202 Resp: 62823

Ion Ratio Lower Upper

202 100

101 10.9 8.8 13.2

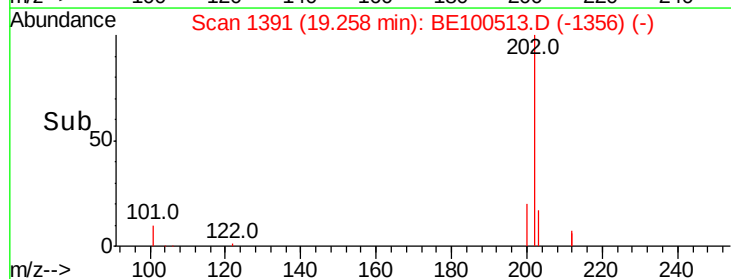
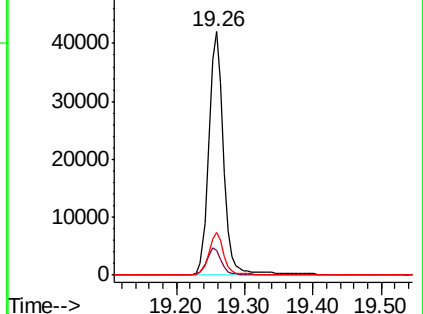
203 17.0 13.8 20.8

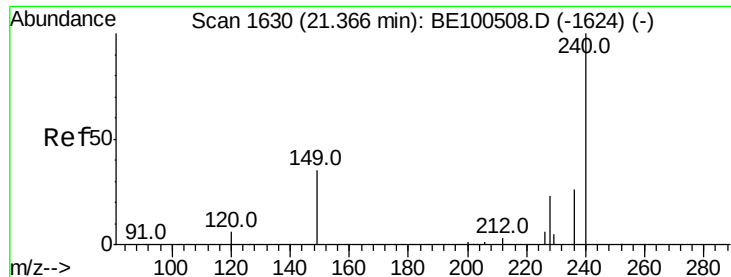


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

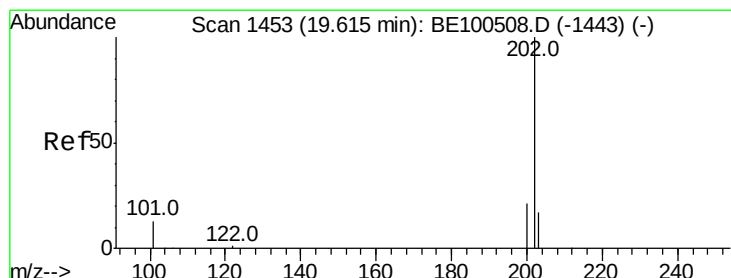
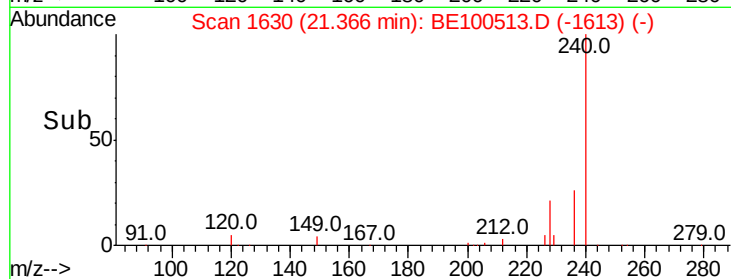
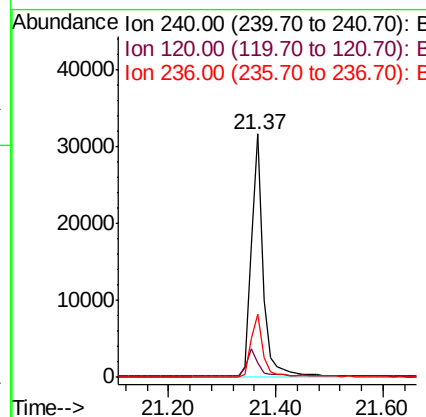
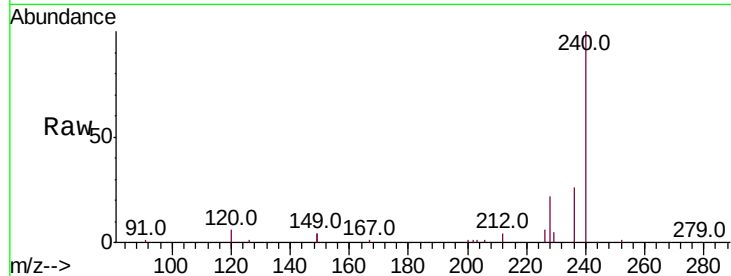




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BE100513.D
 Acq: 18 Sep 2019 18:56

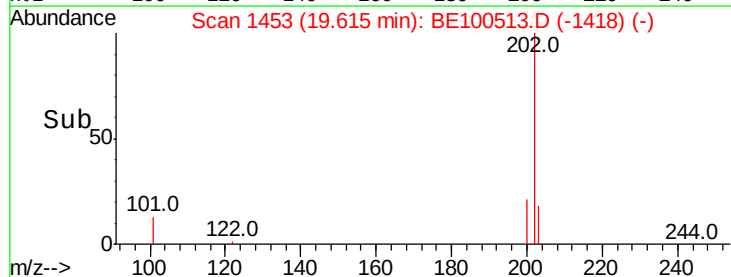
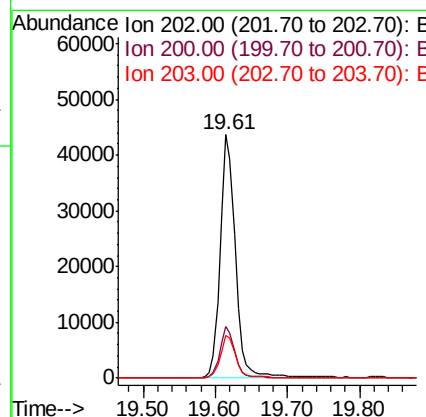
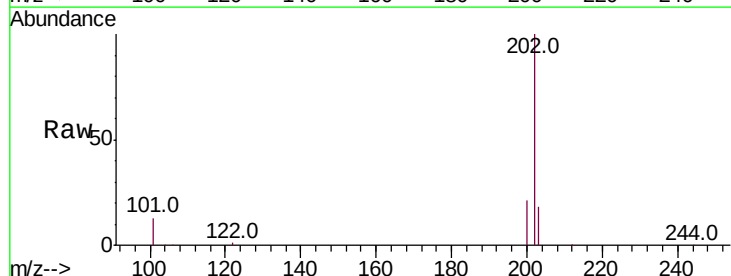
Instrument :
 BNA_E
 ClientSampleId :

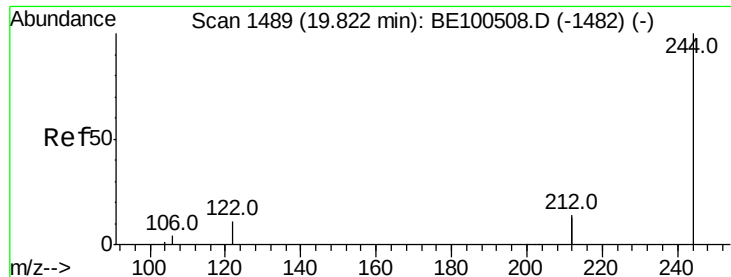
Tot Ion:240 Resp: 49020
 Ion Ratio Lower Upper
 240 100
 120 6.1 5.1 7.7
 236 26.1 20.9 31.3



#28
 Pyrene
 Concen: 0.396 ng
 RT: 19.61 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BE100513.D
 Acq: 18 Sep 2019 18:56

Tgt Ion:202 Resp: 63382
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.6 25.0
 203 17.5 13.9 20.9





#29

Terphenyl-d14

Concen: 0.395 ng

RT: 19.83 min Scan# 1490

Delta R.T. 0.01 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

Instrument :

BNA_E

ClientSampleId :

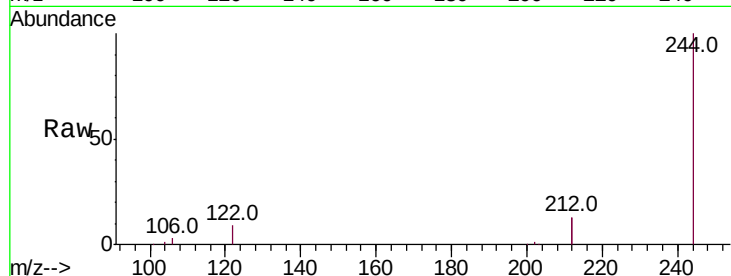
Tot Ion:244 Resp: 48192

Ion Ratio Lower Upper

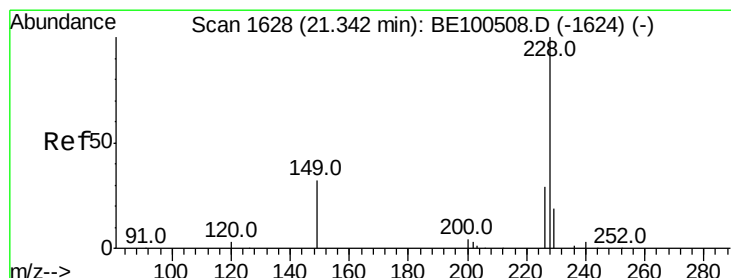
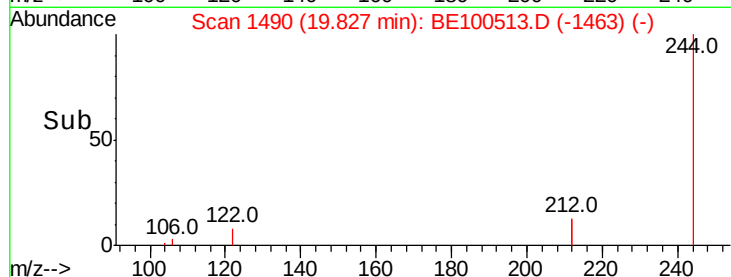
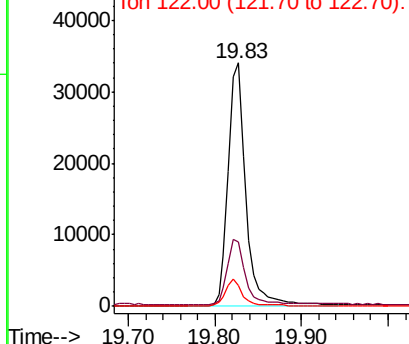
244 100

212 26.6 22.8 34.2

122 8.5 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: 0.382 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

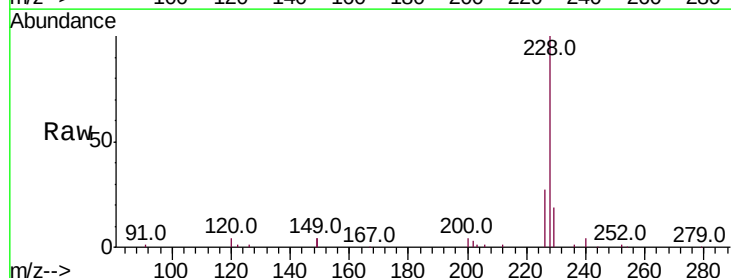
Tgt Ion:228 Resp: 61838

Ion Ratio Lower Upper

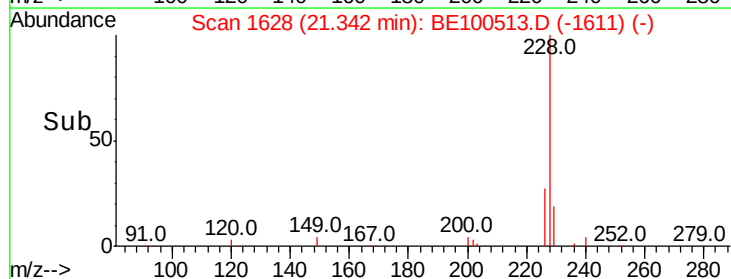
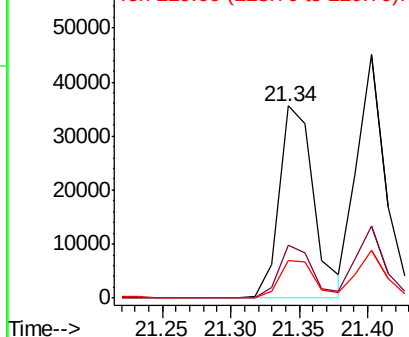
228 100

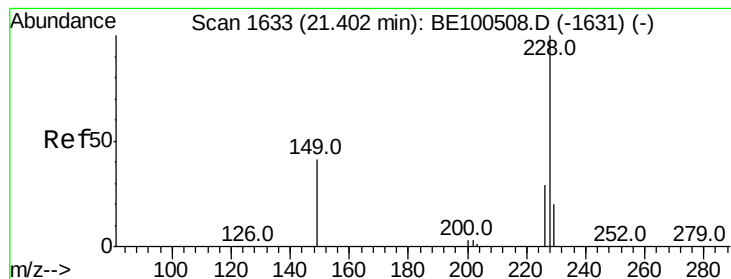
226 27.4 23.1 34.7

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

Chrysene

Concen: 0.393 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

Instrument :

BNA_E

ClientSampleId :

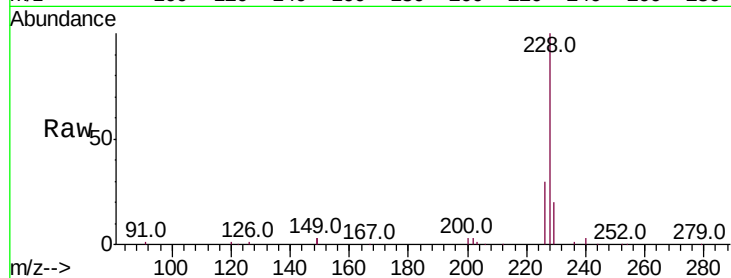
Tot Ion:228 Resp: 64989

Ion Ratio Lower Upper

228 100

226 29.5 23.1 34.7

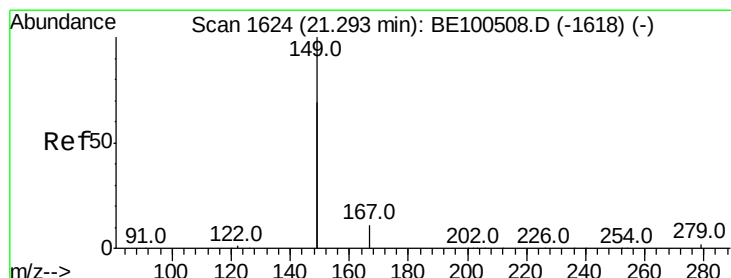
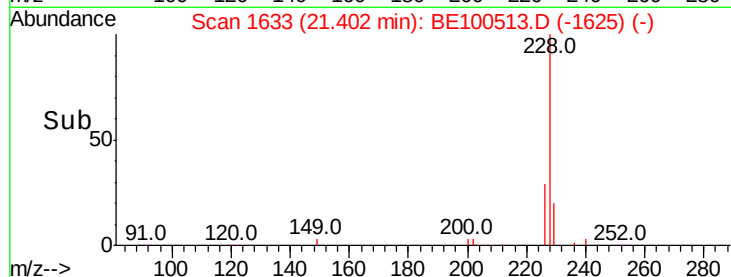
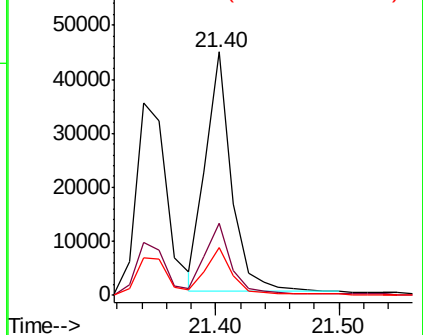
229 19.8 15.8 23.8



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: 0.342 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

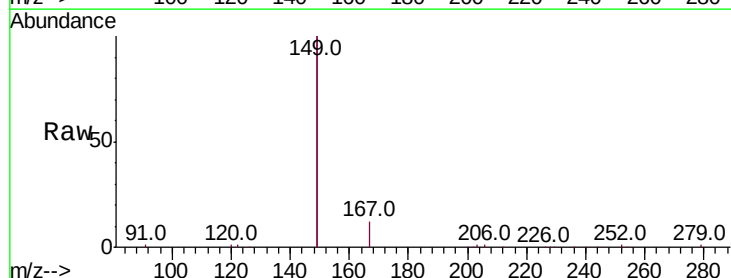
Tgt Ion:149 Resp: 87034

Ion Ratio Lower Upper

149 100

167 6.5 3.5 5.3#

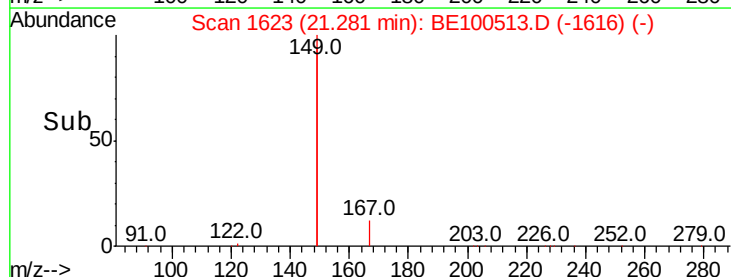
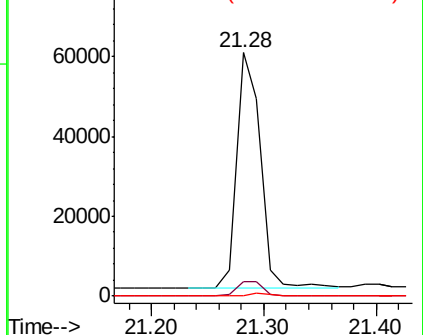
279 1.1 0.6 0.8#

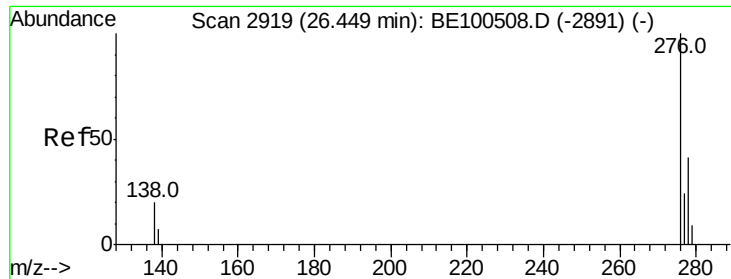


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

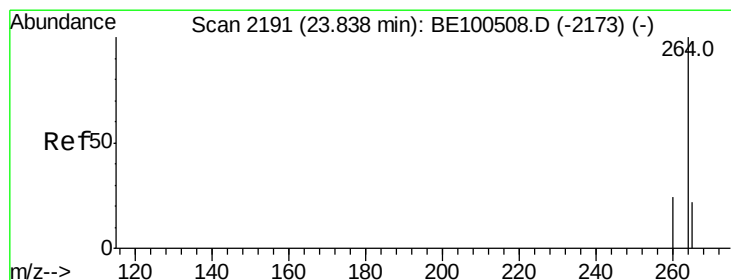
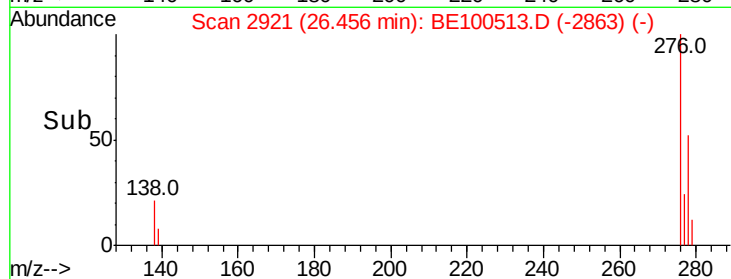
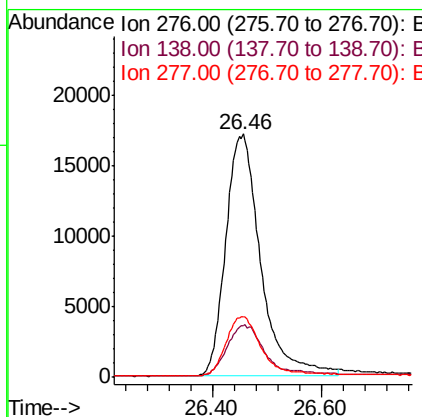
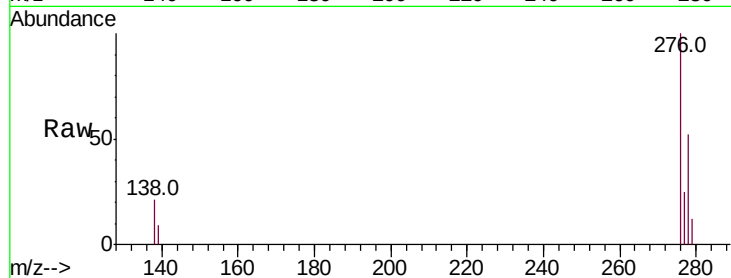




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.395 ng
 RT: 26.46 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BE100513.D
 Acq: 18 Sep 2019 18:56

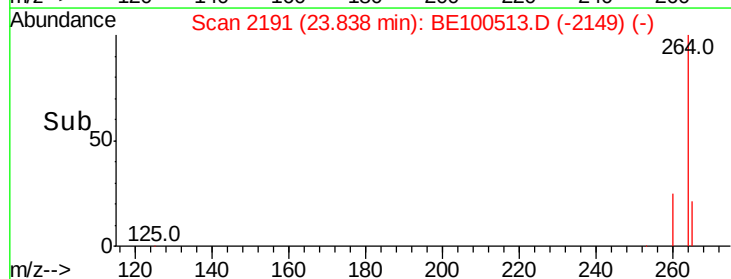
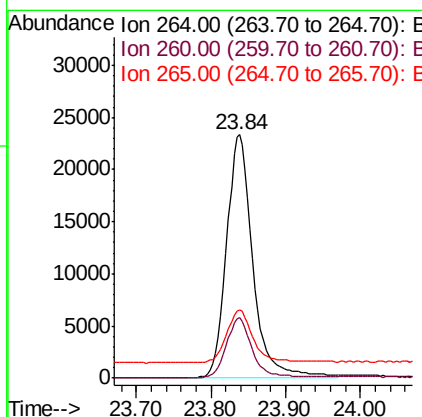
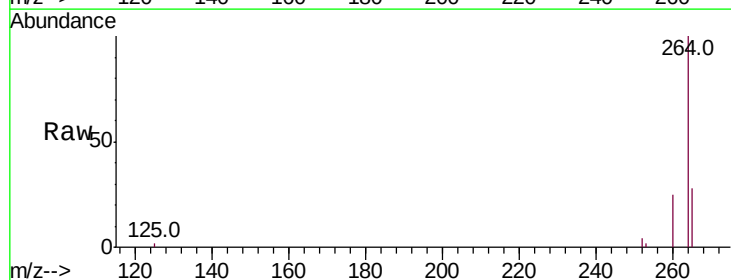
Instrument :
 BNA_E
 ClientSampleId :

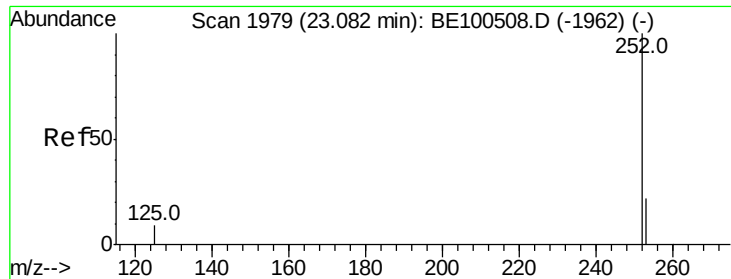
Tot Ion:276 Resp: 77489
 Ion Ratio Lower Upper
 276 100
 138 21.5 17.8 26.8
 277 24.0 19.0 28.6



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.84 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: BE100513.D
 Acq: 18 Sep 2019 18:56

Tgt Ion:264 Resp: 56438
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.4 29.0
 265 27.8 23.0 34.4





#35

Benzo(b)fluoranthene

Concen: 0.371 ng

RT: 23.08 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

Instrument :

BNA_E

ClientSampleId :

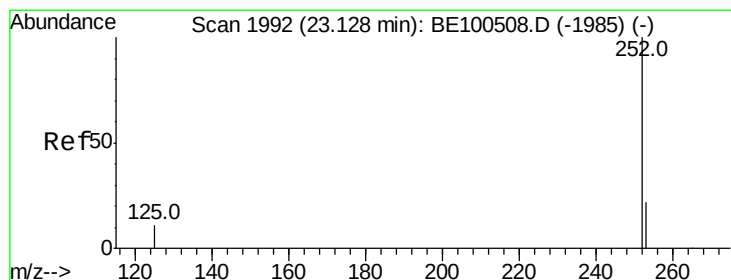
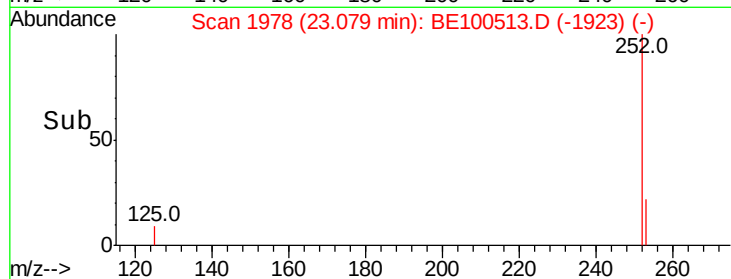
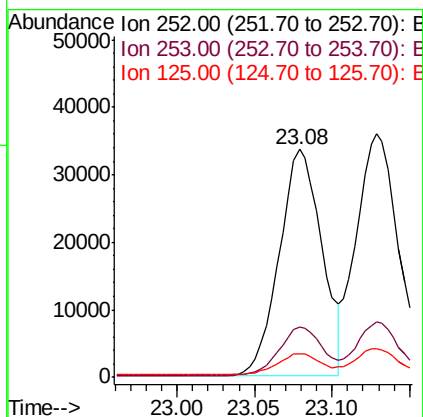
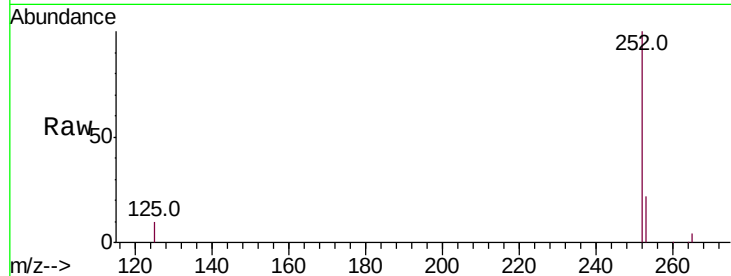
Tot Ion:252 Resp: 64162

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 10.5 8.6 13.0



#36

Benzo(k)fluoranthene

Concen: 0.379 ng

RT: 23.13 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

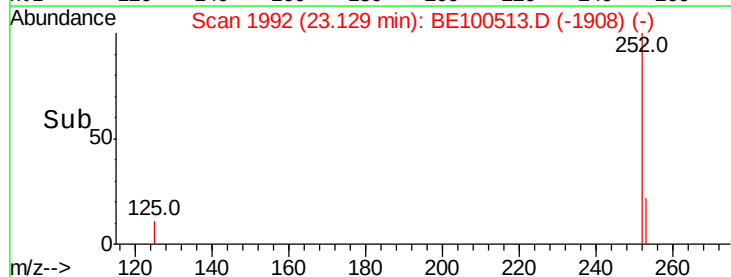
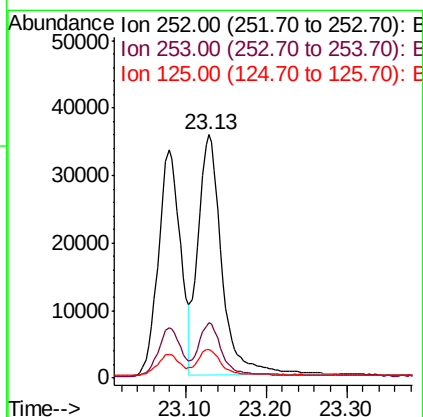
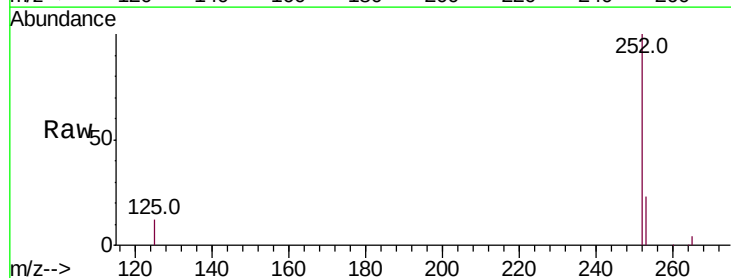
Tgt Ion:252 Resp: 73323

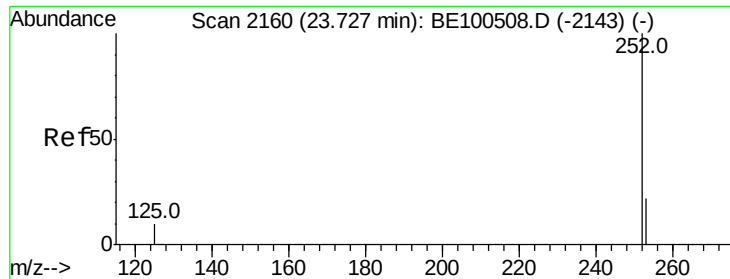
Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

125 11.9 9.3 13.9





#37

Benzo(a)pyrene

Concen: 0.376 ng

RT: 23.73 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

Instrument :

BNA_E

ClientSampleId :

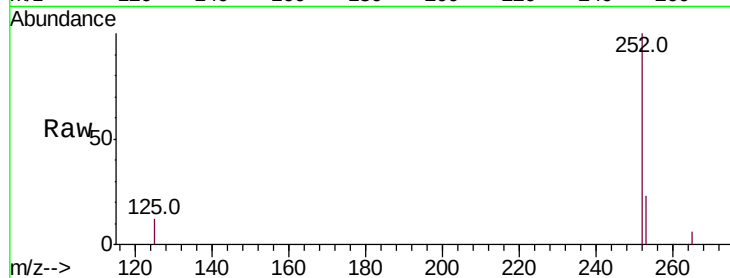
Tot Ion:252 Resp: 62487

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

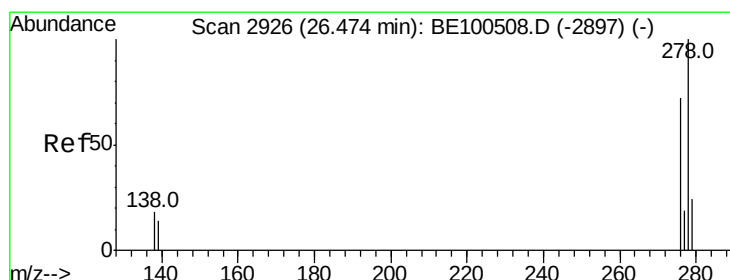
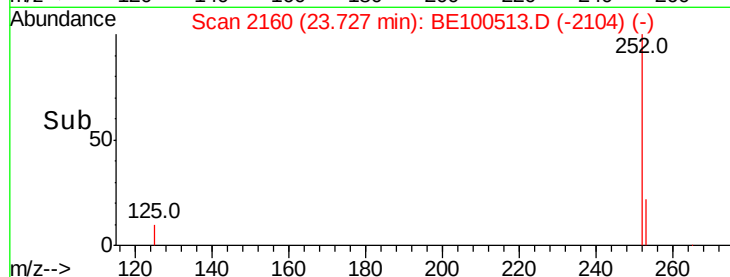
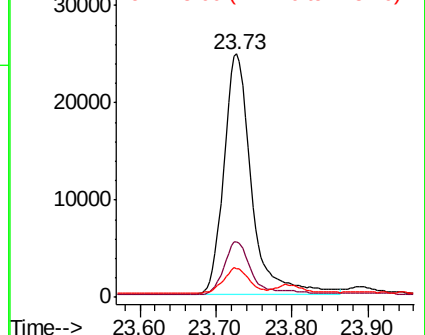
125 11.8 9.7 14.5



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: 0.376 ng

RT: 26.48 min Scan# 2927

Delta R.T. 0.00 min

Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

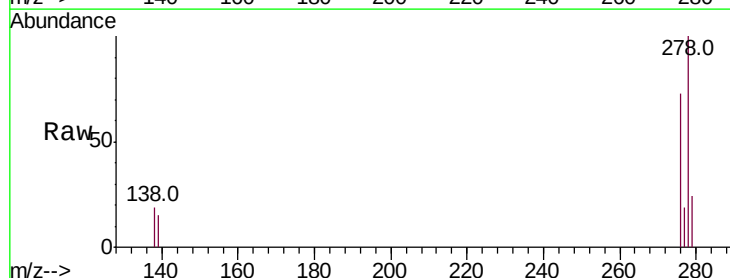
Tgt Ion:278 Resp: 63197

Ion Ratio Lower Upper

278 100

139 15.1 12.1 18.1

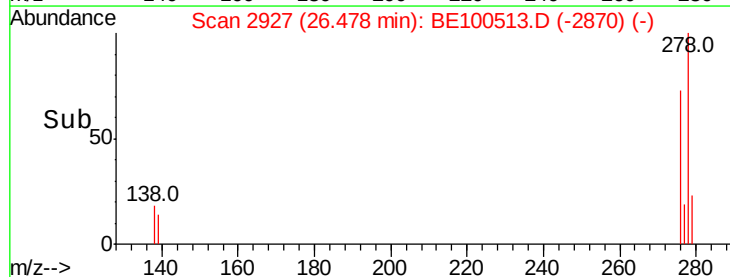
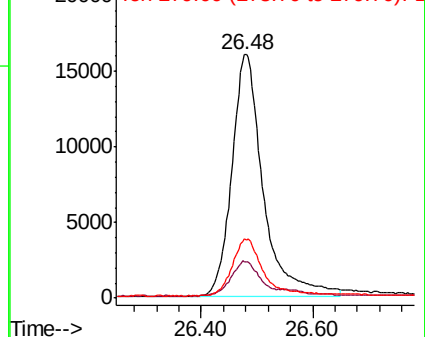
279 24.3 19.8 29.6

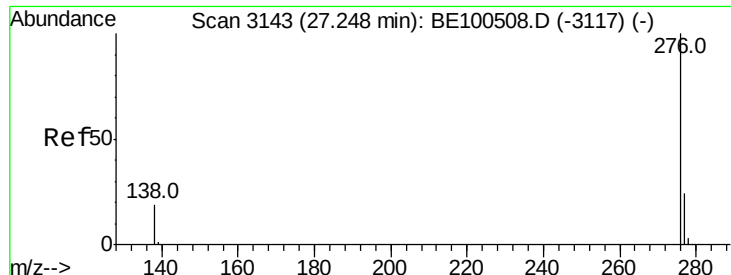


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.387 ng

RT: 27.25 min Scan# 3144

Delta R.T. 0.00 min

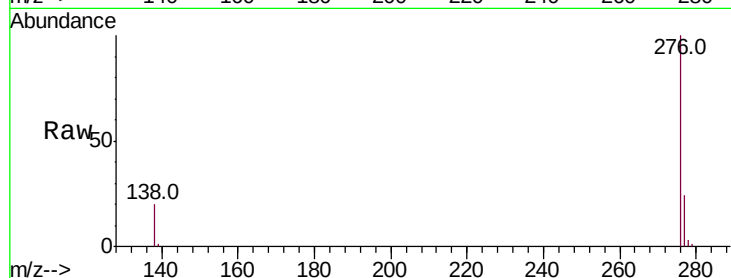
Lab File: BE100513.D

Acq: 18 Sep 2019 18:56

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 66718

Ion Ratio Lower Upper

276 100

277 24.3 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

