

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
 Data File : BE100757.D
 Acq On : 22 Nov 2019 13:55
 Operator : JU
 Sample : PB125011BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125011BS

Quant Time: Nov 22 15:22:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 06:40:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5481	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	21891	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	10378	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	22506	0.40	ng	0.00
27) Chrysene-d12	21.32	240	27871	0.40	ng	0.00
34) Perylene-d12	23.77	264	30057	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	3863	0.26	ng	0.00
5) Phenol-d6	6.93	99	4048	0.19	ng	0.00
8) Nitrobenzene-d5	8.90	82	3782	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	14677	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	729	0.50	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	18733	0.46	ng	0.00
25) Fluoranthene-d10	19.17	212	106034	0.38	ng	0.00
29) Terphenyl-d14	19.77	244	27538	0.43	ng	0.00

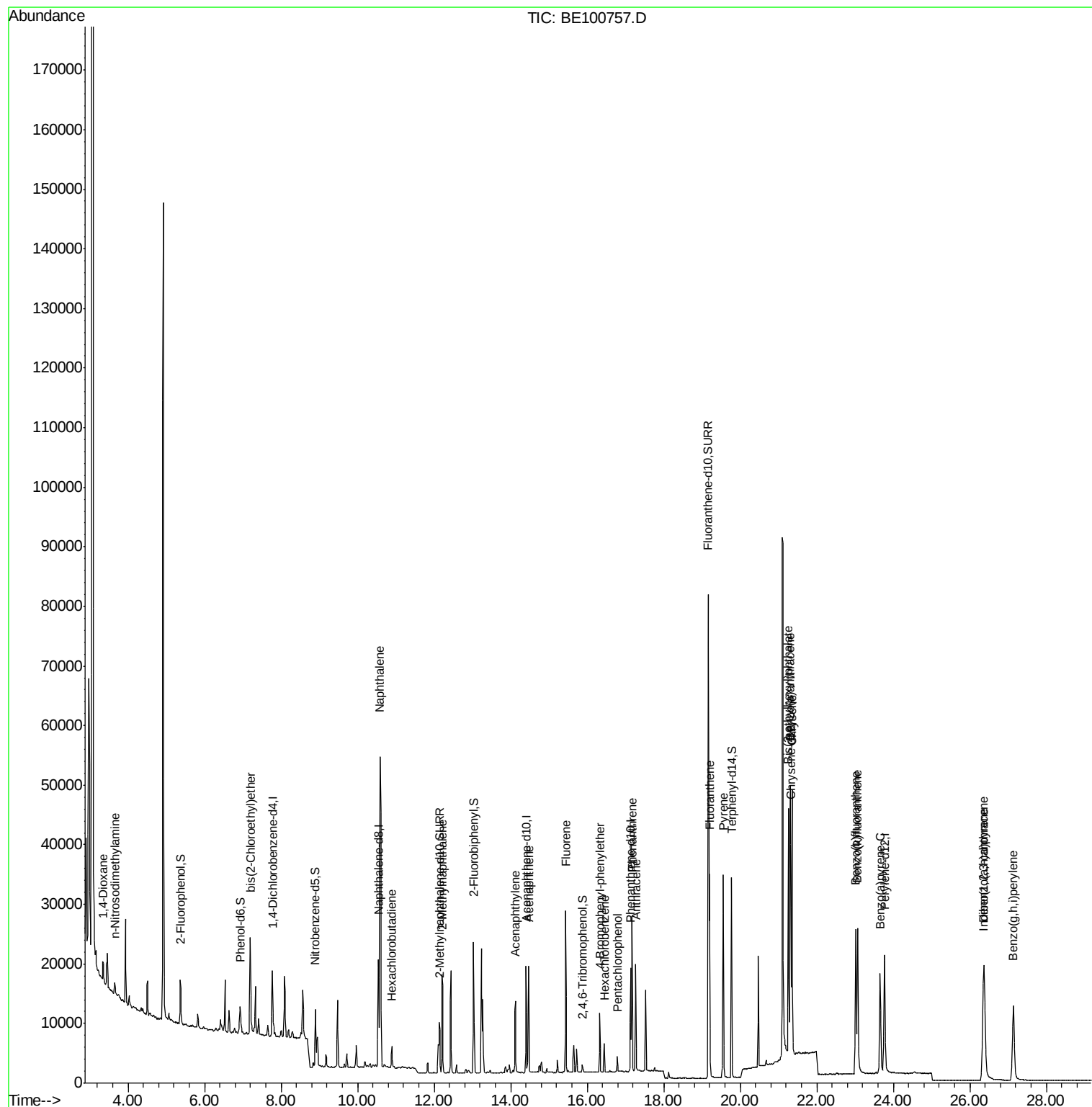
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	2518	0.245	ng	# 65
3) n-Nitrosodimethylamine	3.65	42	2211	0.402	ng	# 84
6) bis(2-Chloroethyl)ether	7.20	93	6755	0.376	ng	95
9) Naphthalene	10.59	128	86906	0.374	ng	100
10) Hexachlorobutadiene	10.90	225	2392	0.268	ng	98
12) 2-Methylnaphthalene	12.21	142	12834	0.349	ng	95
16) Acenaphthylene	14.13	152	15924	0.356	ng	99
17) Acenaphthene	14.47	154	10725	0.358	ng	99
18) Fluorene	15.43	166	13726	0.359	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	3930	0.355	ng	89
21) Hexachlorobenzene	16.45	284	4093	0.354	ng	98
22) Pentachlorophenol	16.79	266	1334	0.768	ng	96
23) Phenanthrene	17.18	178	25767	0.380	ng	99
24) Anthracene	17.27	178	19689	0.337	ng	99
26) Fluoranthene	19.19	202	30312	0.365	ng	99
28) Pyrene	19.56	202	30066	0.348	ng	100
30) Benzo(a)anthracene	21.31	228	33508	0.356	ng	100
31) Chrysene	21.35	228	37060	0.388	ng	99
32) Bis(2-ethylhexyl)phthalate	21.26	149	41095	0.307	ng	99
33) Indeno(1,2,3-cd)pyrene	26.35	276	34443	0.390	ng	99
35) Benzo(b)fluoranthene	23.02	252	34143	0.362	ng	99
36) Benzo(k)fluoranthene	23.07	252	36348	0.370	ng	100
37) Benzo(a)pyrene	23.66	252	28408	0.342	ng	99
38) Dibenzo(a,h)anthracene	26.38	278	28450	0.325	ng	100
39) Benzo(g,h,i)perylene	27.14	276	31725	0.383	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: 7.77 min Scan# 426

Delta R.T. 0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

Instrument :

BNA_E

ClientSampleId :

PB125011BS

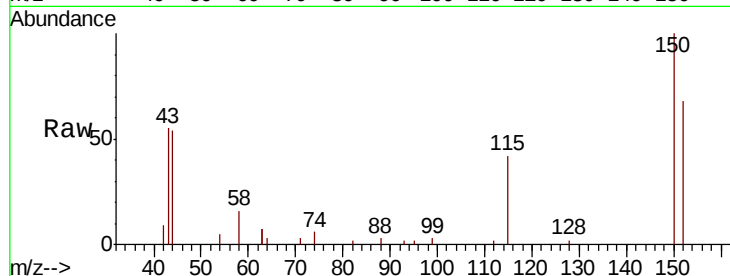
Tot Ion:152 Resp: 5481

Ion Ratio Lower Upper

152 100

150 146.2 127.1 190.7

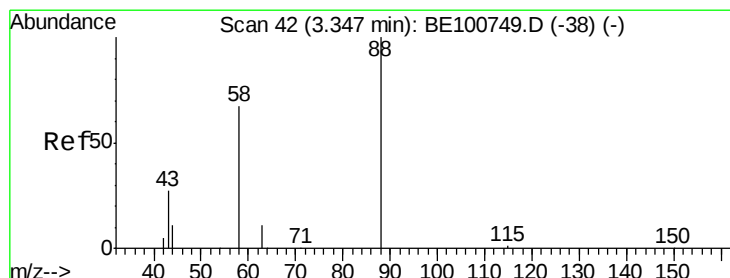
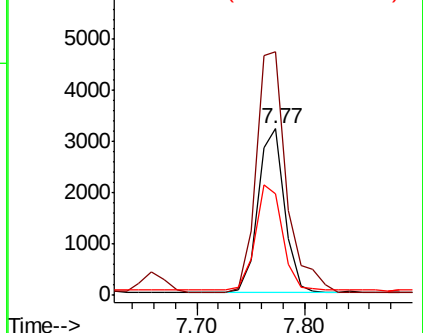
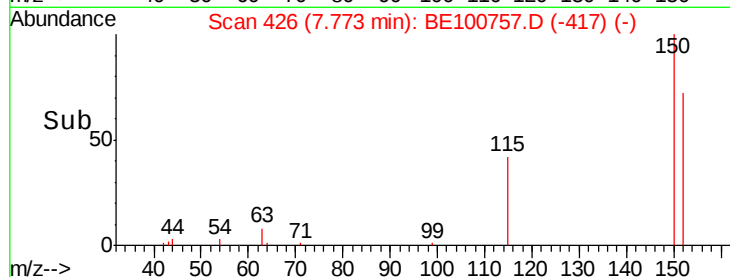
115 61.0 53.0 79.4



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: 0.245 ng

RT: 3.35 min Scan# 42

Delta R.T. 0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

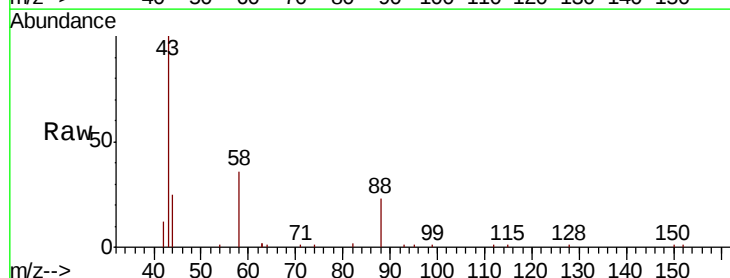
Tgt Ion: 88 Resp: 2518

Ion Ratio Lower Upper

88 100

58 96.8 60.7 91.1#

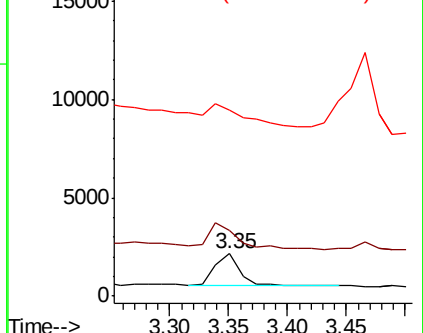
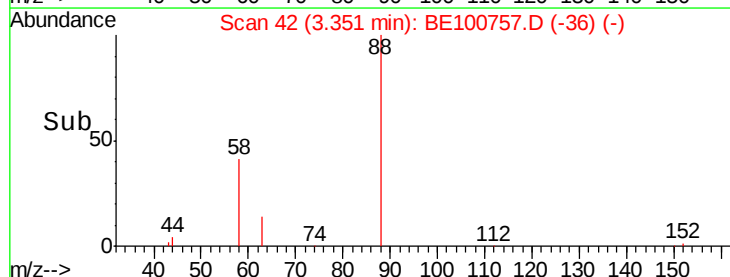
43 0.0 27.4 41.2#

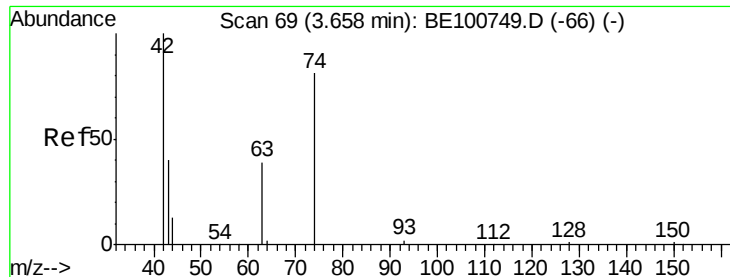


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.402 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

Instrument :

BNA_E

ClientSampleId :

PB125011BS

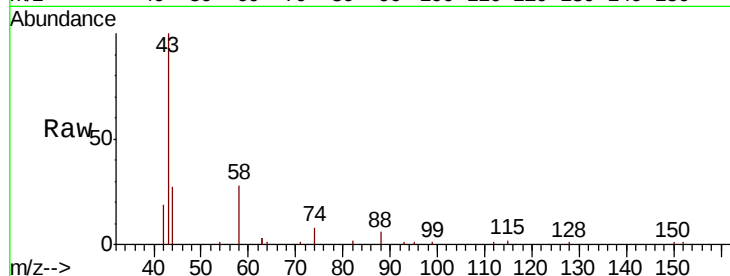
Tot Ion: 42 Resp: 2211

Ion Ratio Lower Upper

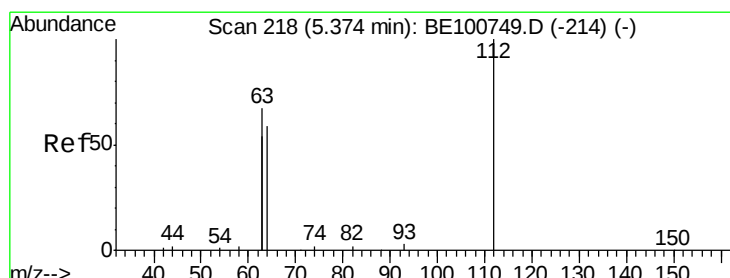
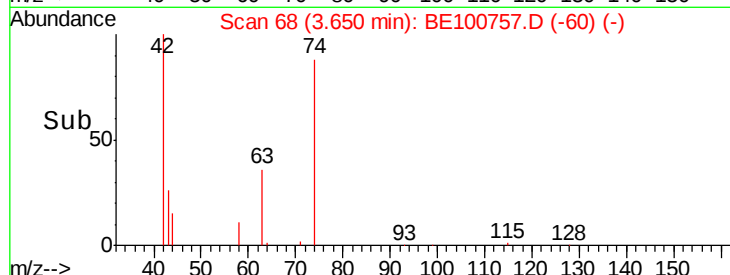
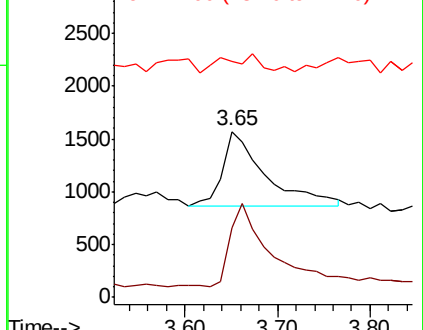
42 100

74 107.3 0.0 0.0#

44 0.0 4.2 6.4#



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: 0.260 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

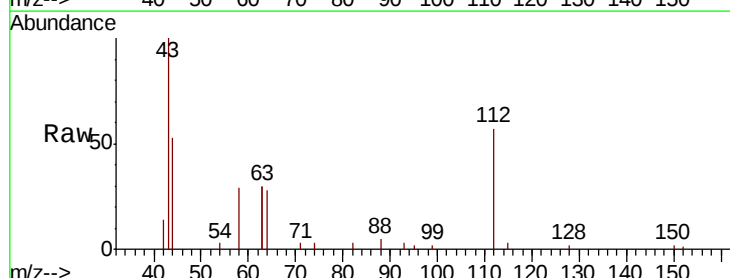
Tgt Ion: 112 Resp: 3863

Ion Ratio Lower Upper

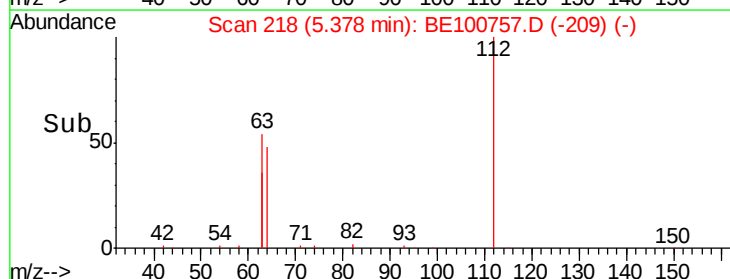
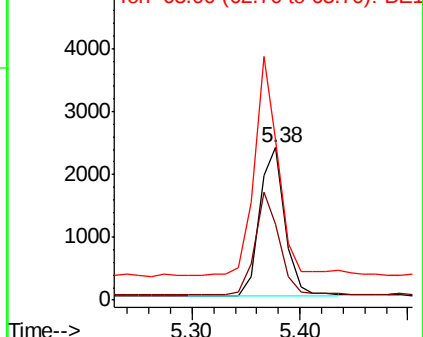
112 100

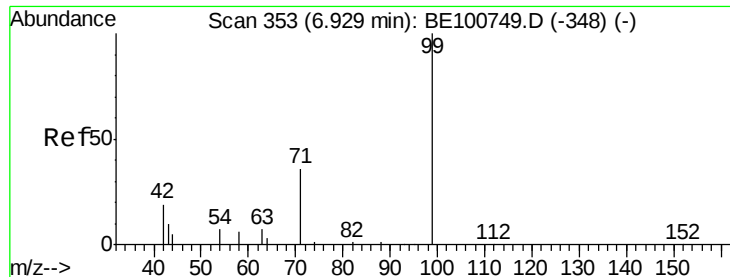
64 66.4 54.3 81.5

63 137.7 114.0 171.0



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: 0.188 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

Instrument :

BNA_E

ClientSampleId :

PB125011BS

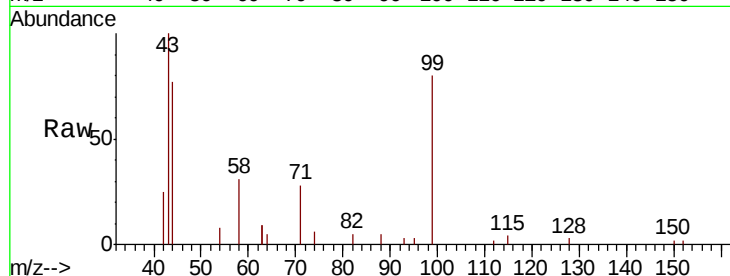
Tot Ion: 99 Resp: 4048

Ion Ratio Lower Upper

99 100

42 24.9 17.9 26.9

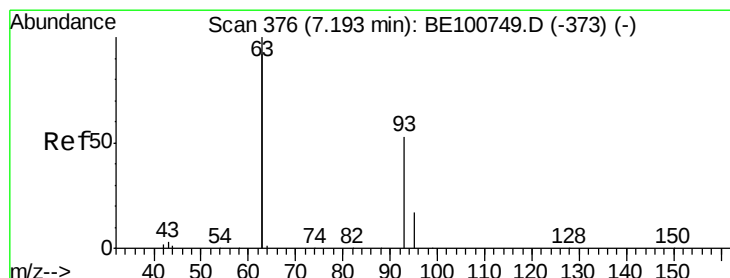
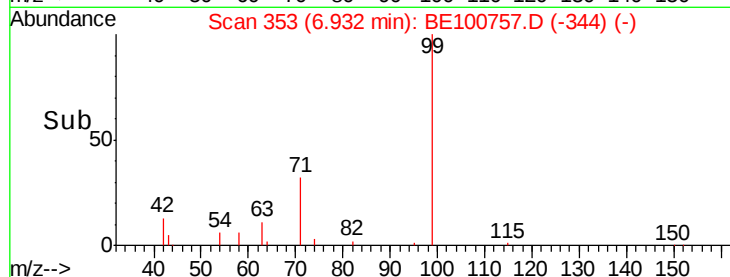
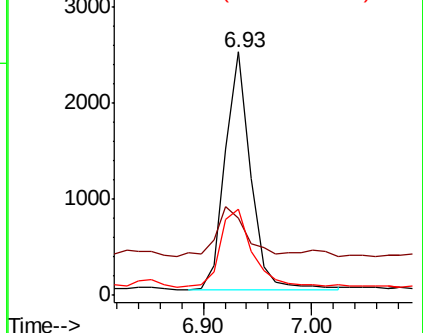
71 41.0 29.3 43.9



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: 0.376 ng

RT: 7.20 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

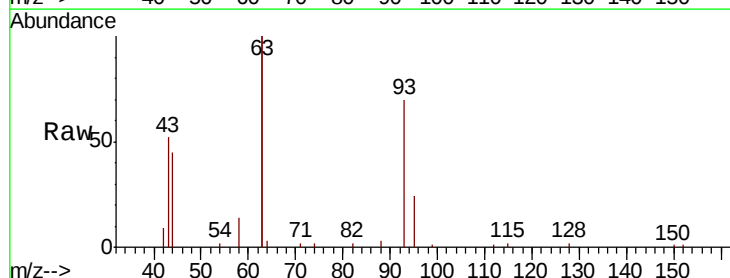
Tgt Ion: 93 Resp: 6755

Ion Ratio Lower Upper

93 100

63 323.7 267.0 400.6

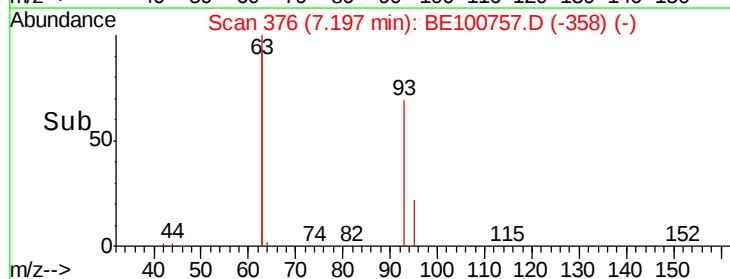
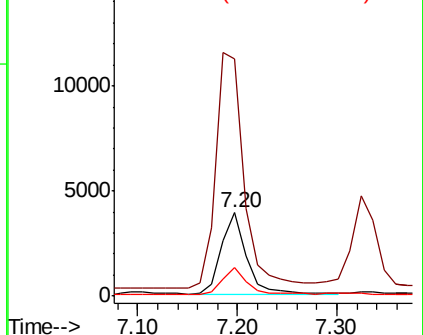
95 31.8 26.2 39.4

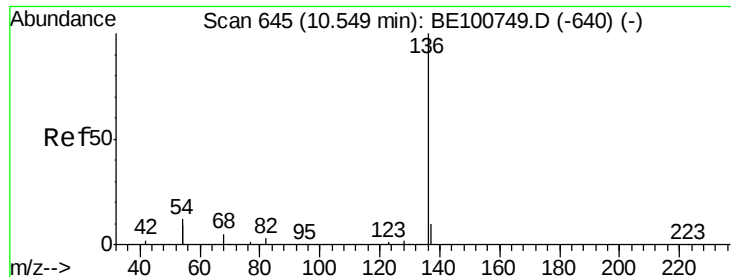


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

Instrument :

BNA_E

ClientSampleId :

PB125011BS

Tot Ion:136 Resp: 21891

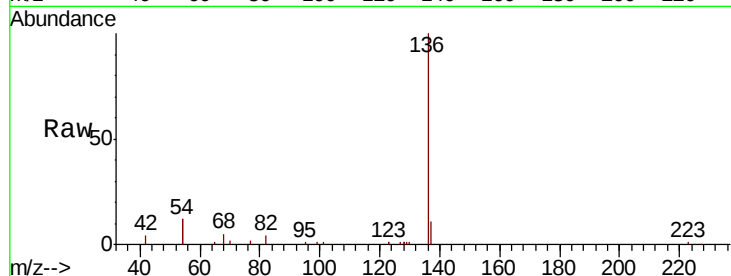
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 23.2 19.4 29.0

68 5.3 4.6 6.8

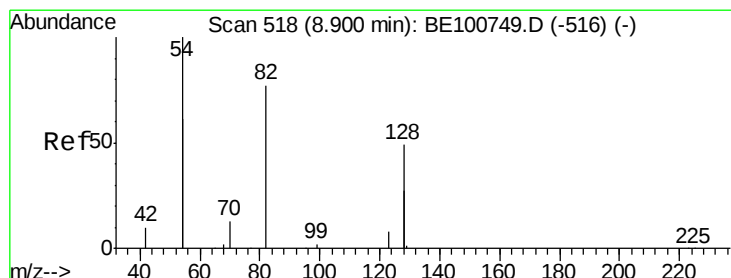
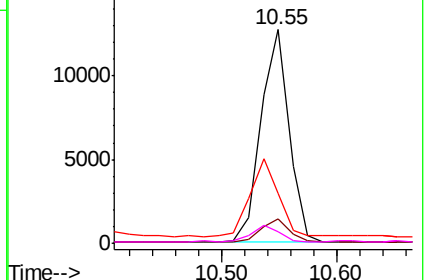
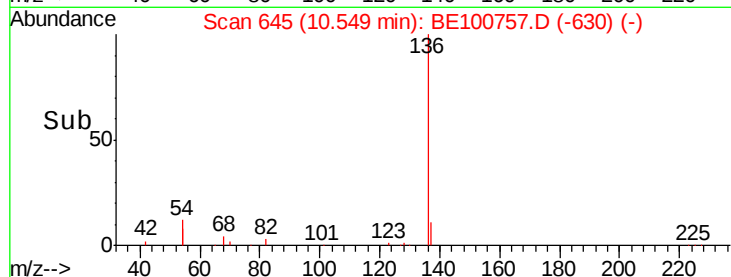


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.539 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

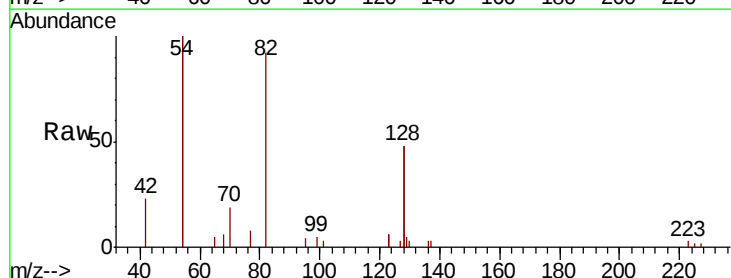
Tgt Ion: 82 Resp: 3782

Ion Ratio Lower Upper

82 100

128 105.7 90.2 135.4

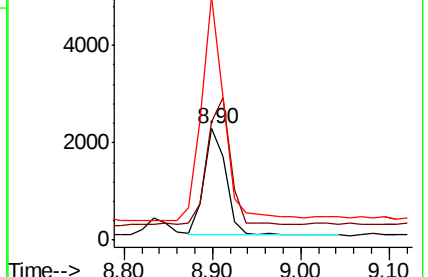
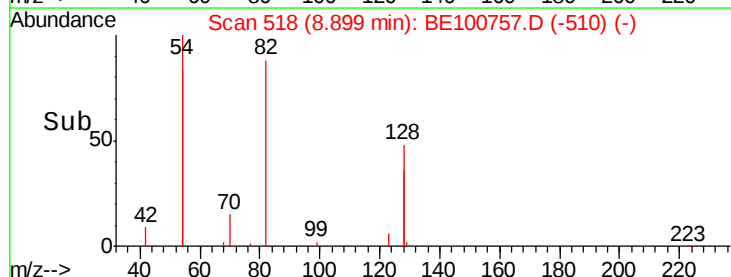
54 218.3 186.0 279.0

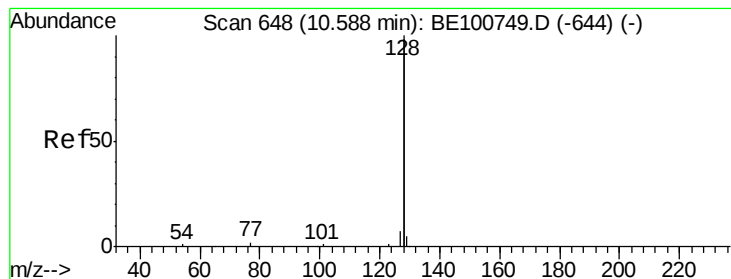


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.374 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

Instrument :

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ClientSampleId :

PB125011BS

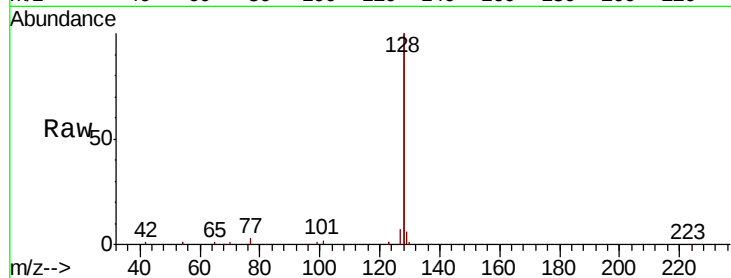
Tot Ion:128 Resp: 86906

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

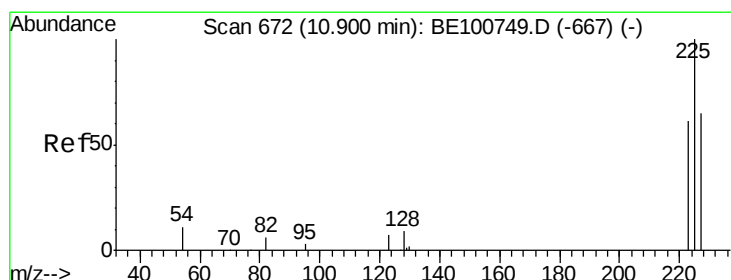
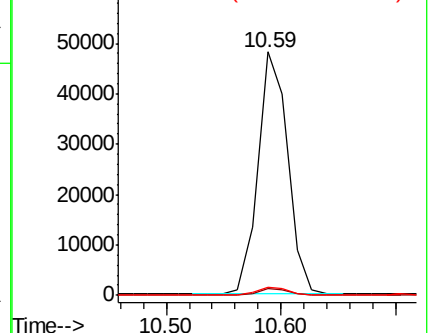
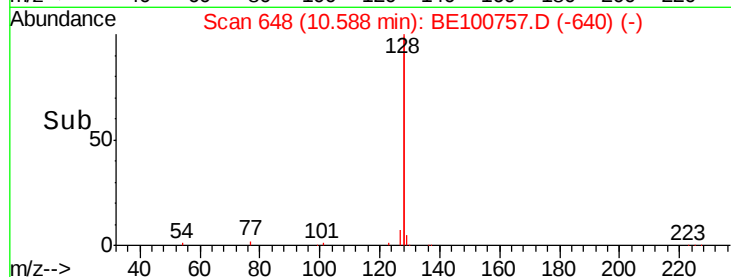
127 3.5 2.7 4.1



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: 0.268 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

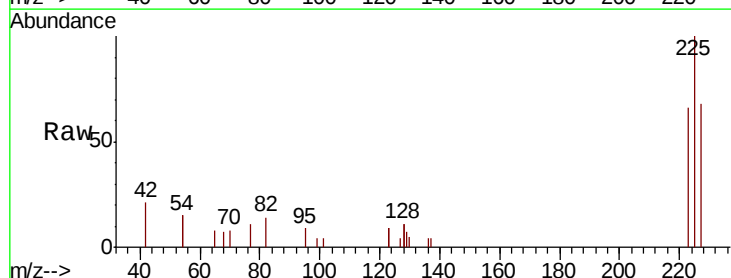
Tgt Ion:225 Resp: 2392

Ion Ratio Lower Upper

225 100

223 65.0 50.6 75.8

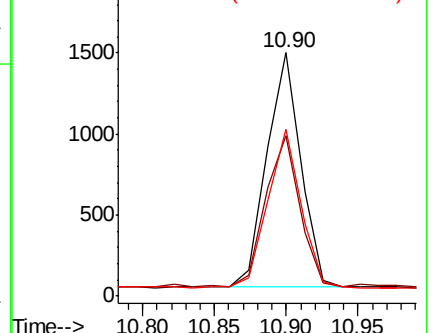
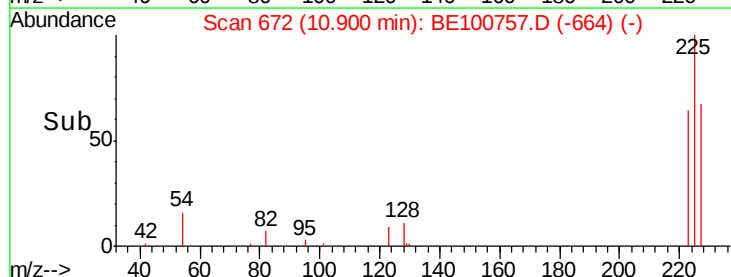
227 65.8 52.0 78.0

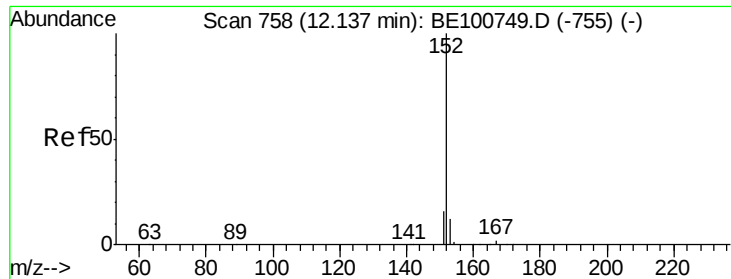


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

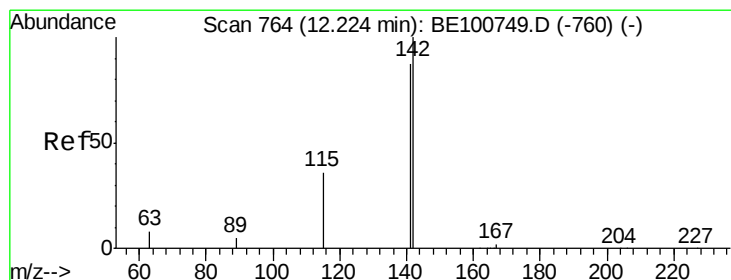
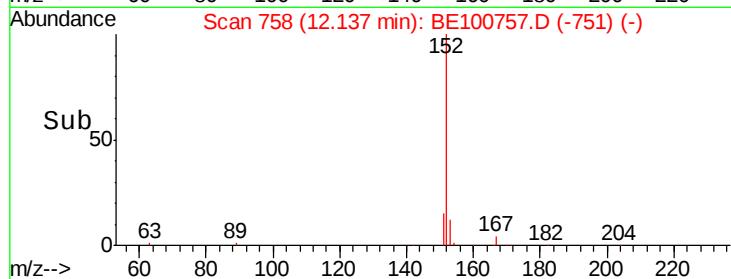
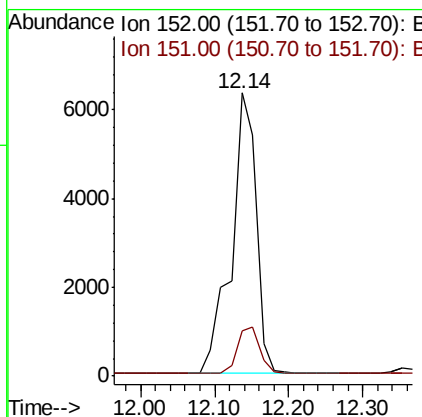
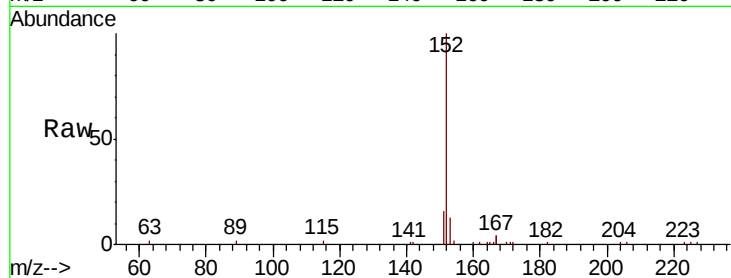




#11
 2-Methylnaphthalene-d10
 Concen: 0.457 ng
 RT: 12.14 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BE100757.D
 Acq: 22 Nov 2019 13:55

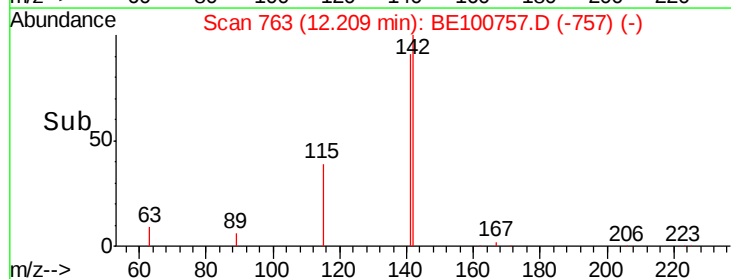
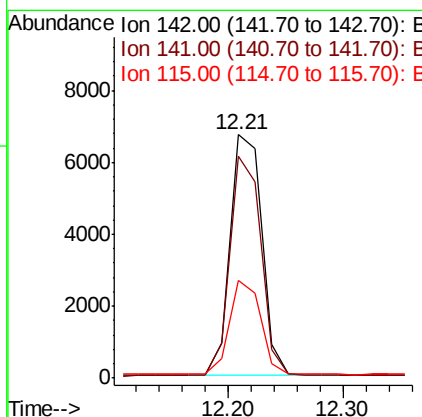
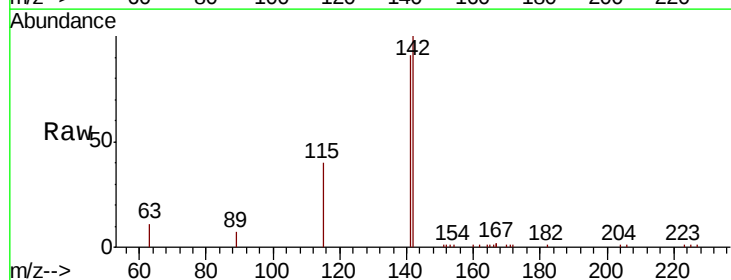
Instrument :
 BNA_E
 ClientSampleId :
 PB125011BS

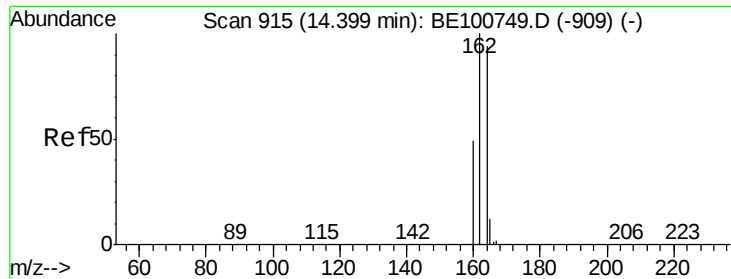
Tot Ion:152 Resp: 14677
 Ion Ratio Lower Upper
 152 100
 151 15.0 15.8 23.8#



#12
 2-Methylnaphthalene
 Concen: 0.349 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BE100757.D
 Acq: 22 Nov 2019 13:55

Tgt Ion:142 Resp: 12834
 Ion Ratio Lower Upper
 142 100
 141 91.3 69.9 104.9
 115 40.4 29.5 44.3

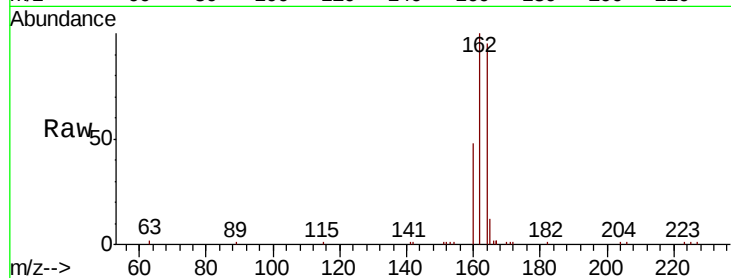




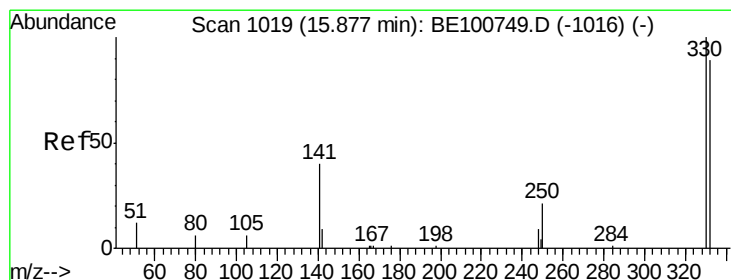
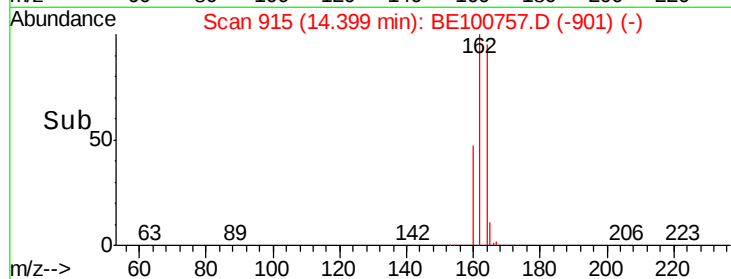
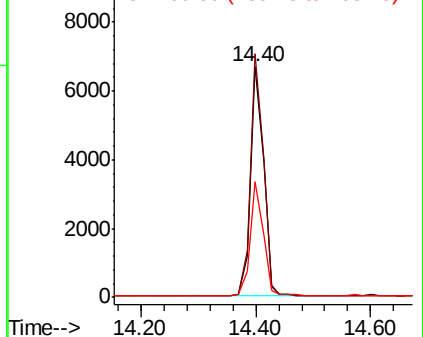
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tot Ion:164 Resp: 10378
Ion Ratio Lower Upper
164 100
162 105.5 84.8 127.2
160 50.2 42.3 63.5

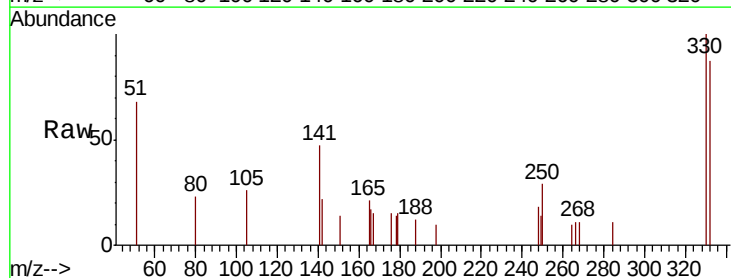


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

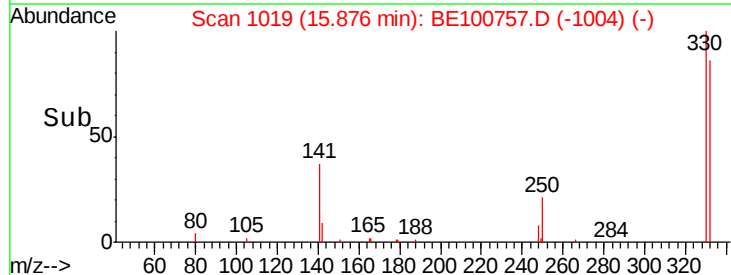
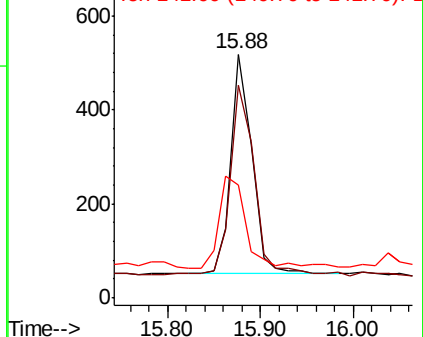


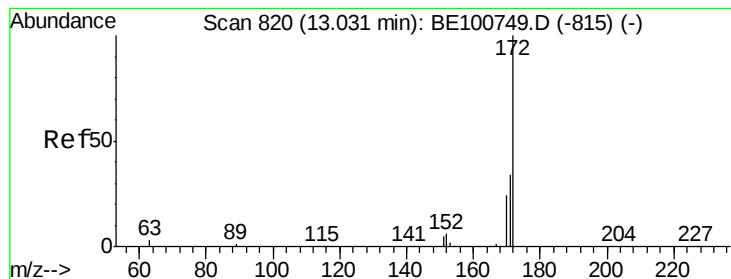
#14
2,4,6-Tribromophenol
Concen: 0.498 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:330 Resp: 729
Ion Ratio Lower Upper
330 100
332 99.7 79.3 118.9
141 54.6 43.8 65.6



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: 0.465 ng

RT: 13.03 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

Instrument :

BNA_E

ClientSampleId :

PB125011BS

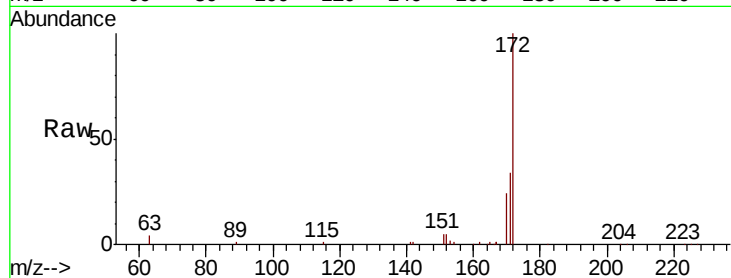
Tot Ion:172 Resp: 18733

Ion Ratio Lower Upper

172 100

171 34.1 27.8 41.6

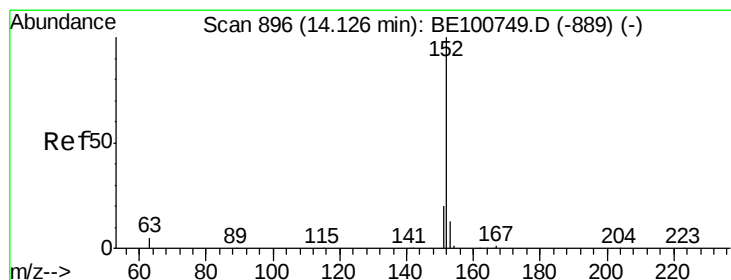
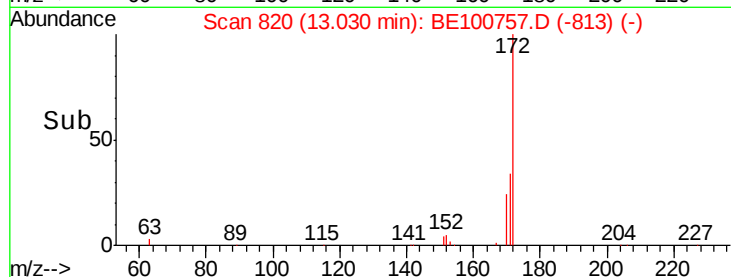
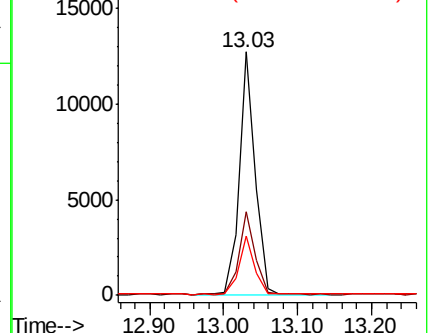
170 24.4 19.4 29.2



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: 0.356 ng

RT: 14.13 min Scan# 896

Delta R.T. -0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

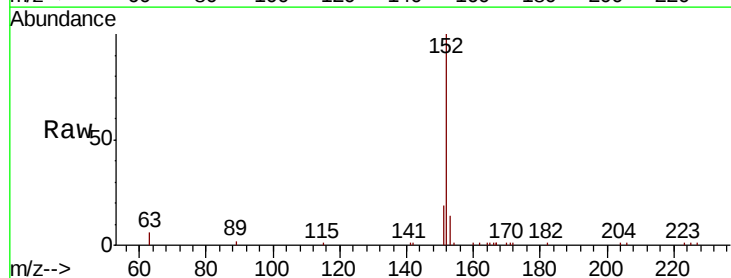
Tgt Ion:152 Resp: 15924

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4

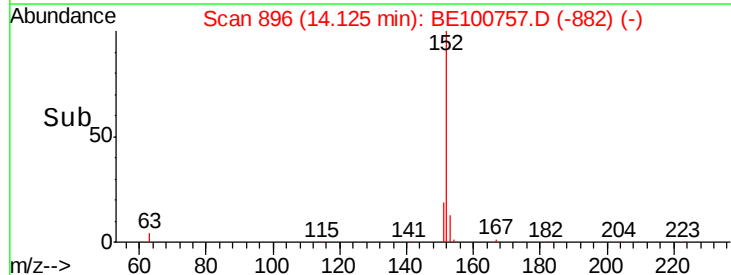
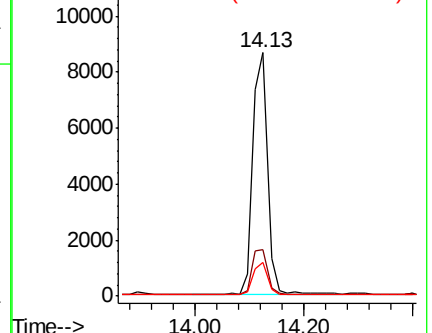
153 12.5 10.6 15.8

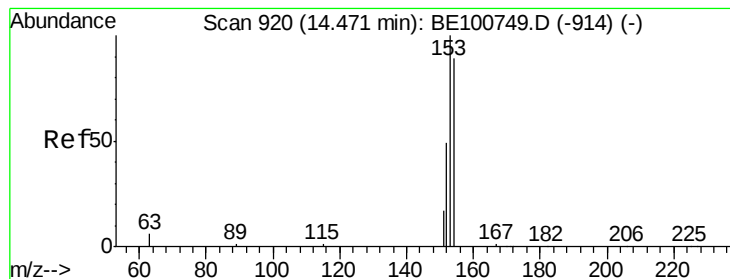


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.358 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

Instrument :

BNA_E

ClientSampleId :

PB125011BS

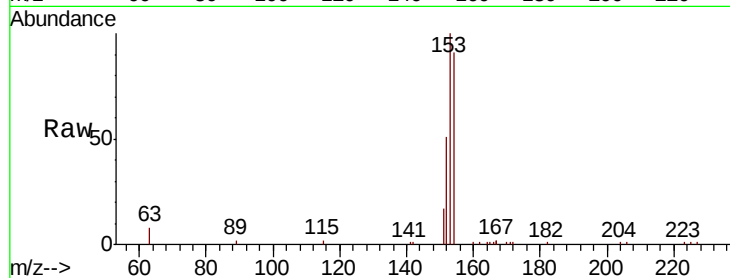
Tot Ion:154 Resp: 10725

Ion Ratio Lower Upper

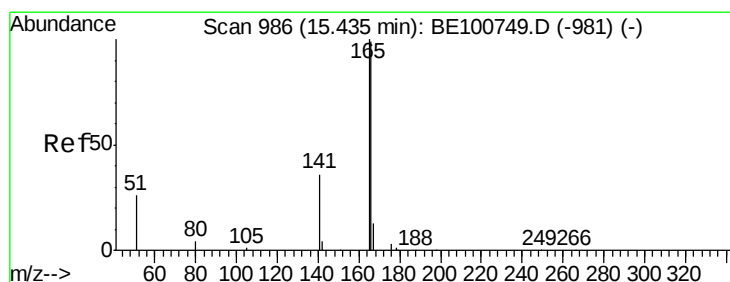
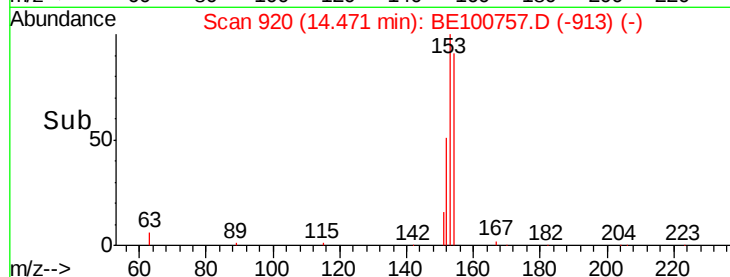
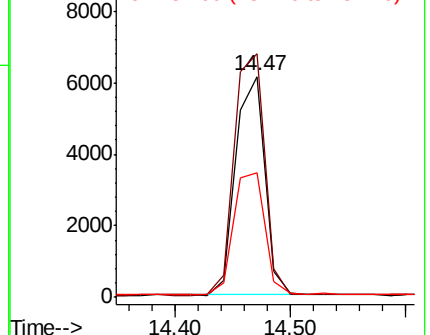
154 100

153 115.3 91.6 137.4

152 60.6 47.0 70.6



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: 15.43 min Scan# 986

Delta R.T. -0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

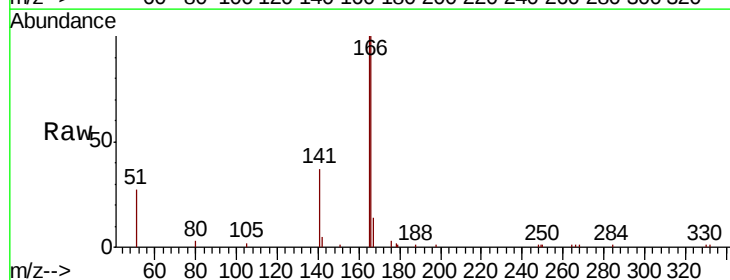
Tgt Ion:166 Resp: 13726

Ion Ratio Lower Upper

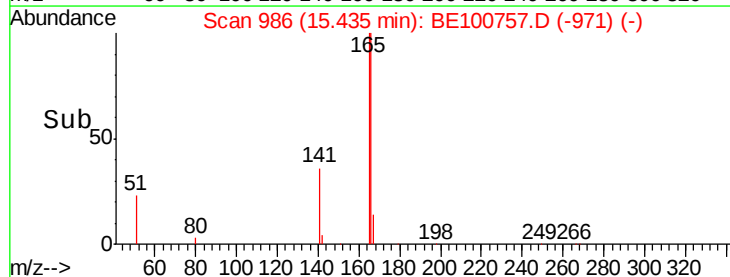
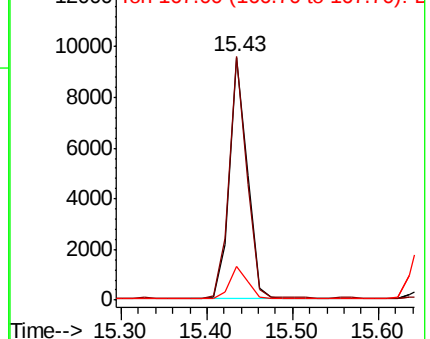
166 100

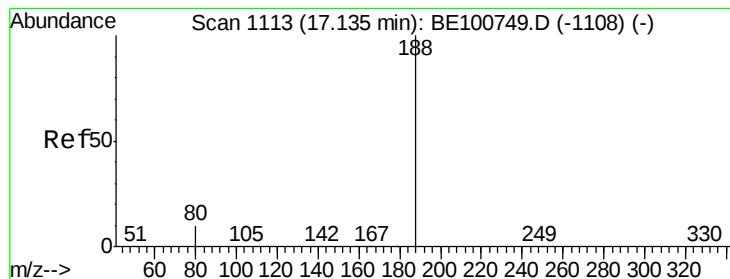
165 99.4 80.2 120.4

167 13.8 11.0 16.4



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: 17.13 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

Instrument :

BNA_E

ClientSampleId :

PB125011BS

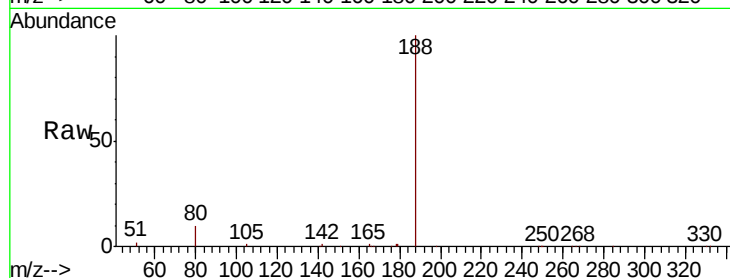
Tot Ion:188 Resp: 22506

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

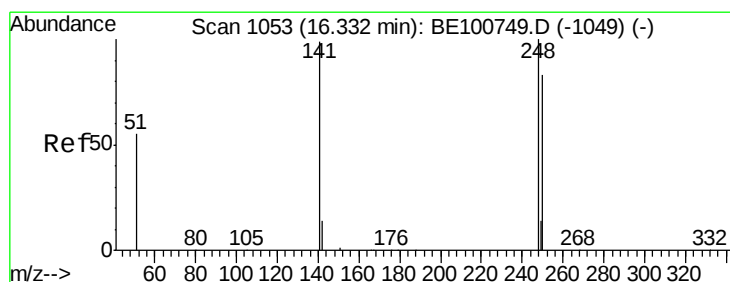
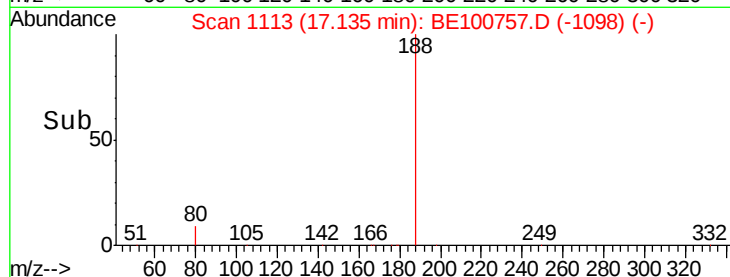
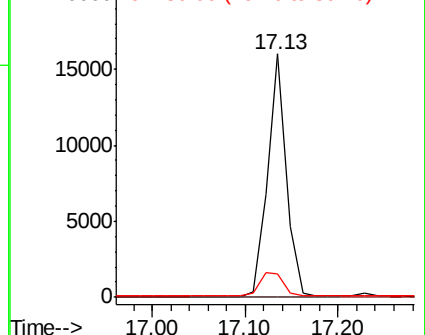
80 9.5 8.2 12.2



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: 0.355 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

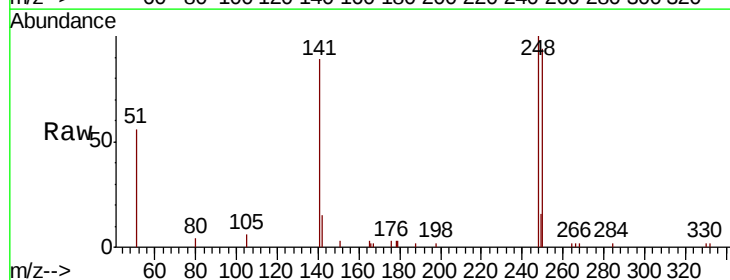
Tgt Ion:248 Resp: 3930

Ion Ratio Lower Upper

248 100

250 94.0 66.3 99.5

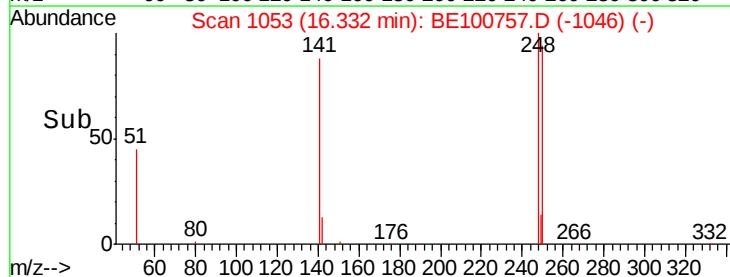
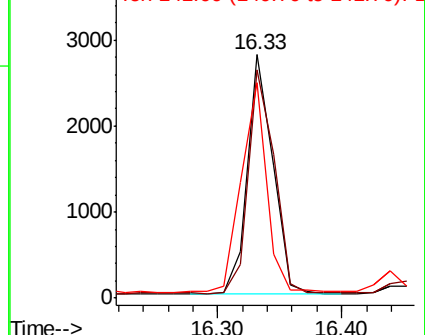
141 88.8 79.6 119.4

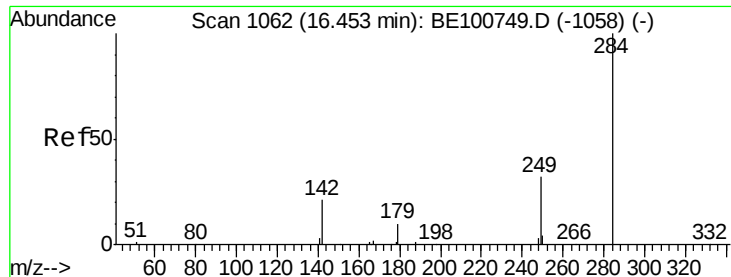


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

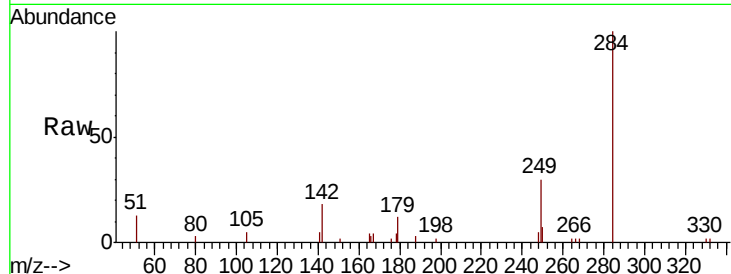




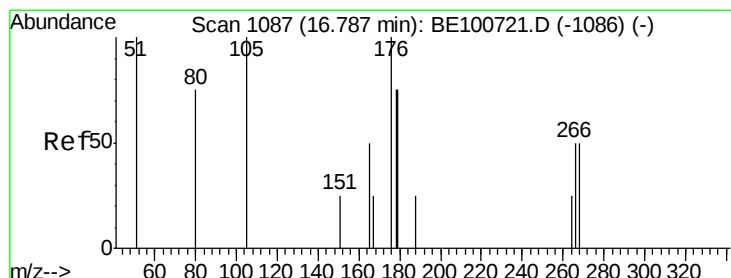
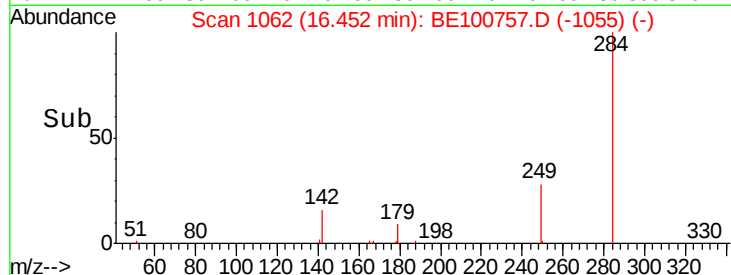
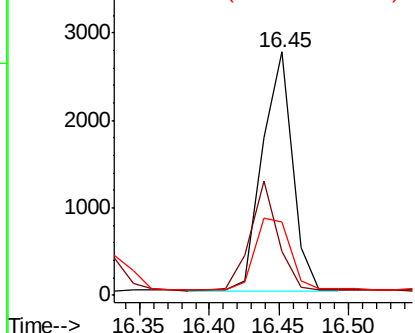
#21
Hexachlorobenzene
Concen: 0.354 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tot Ion:284 Resp: 4093
Ion Ratio Lower Upper
284 100
142 41.8 34.9 52.3
249 35.1 28.7 43.1

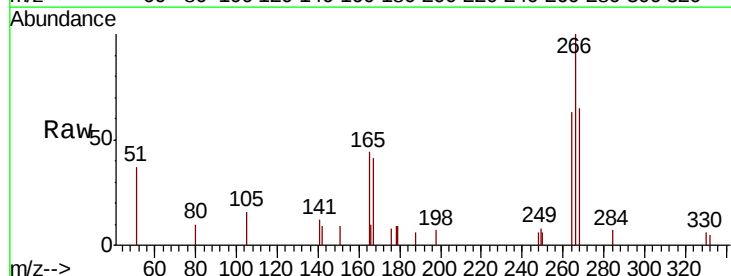


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

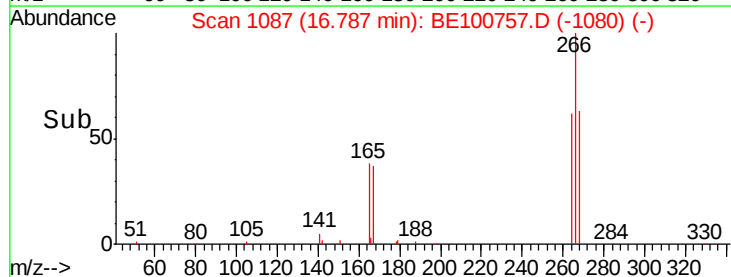
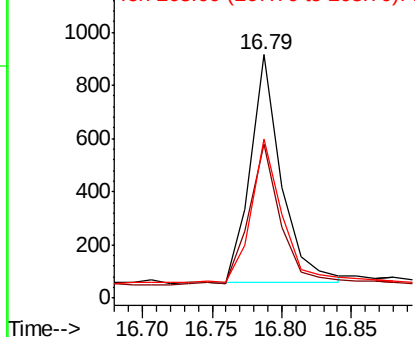


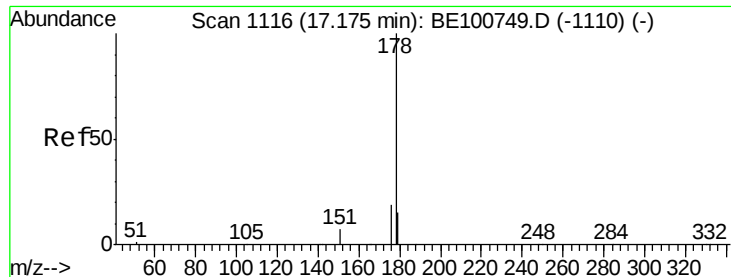
#22
Pentachlorophenol
Concen: 0.768 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:266 Resp: 1334
Ion Ratio Lower Upper
266 100
264 63.1 54.6 82.0
268 65.2 52.6 78.8



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

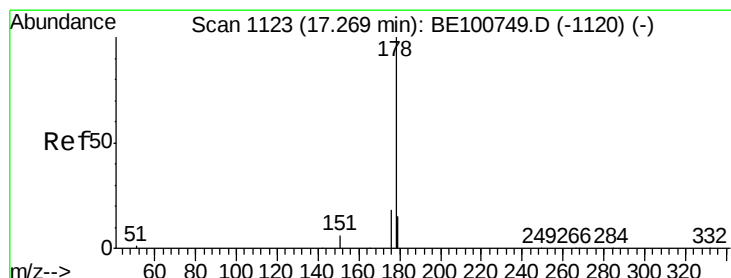
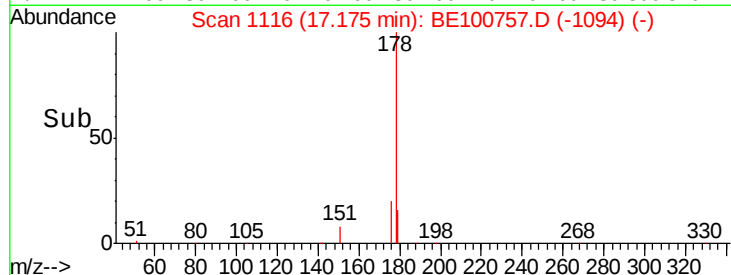
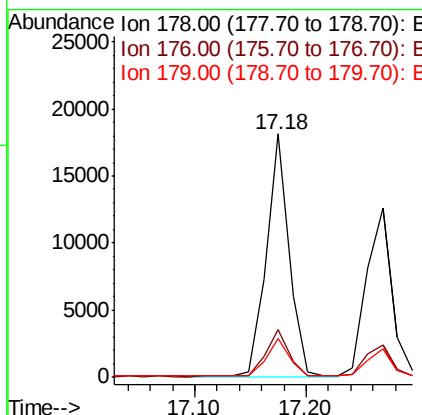
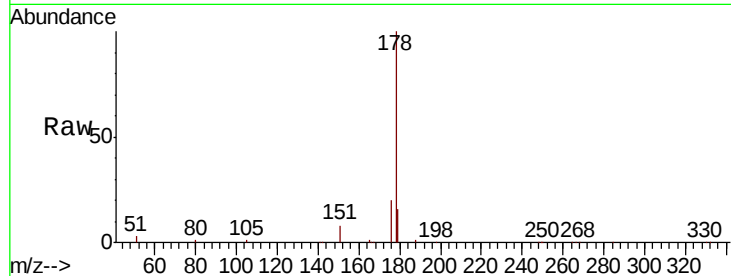




#23
Phenanthrene
Concen: 0.380 ng
RT: 17.18 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

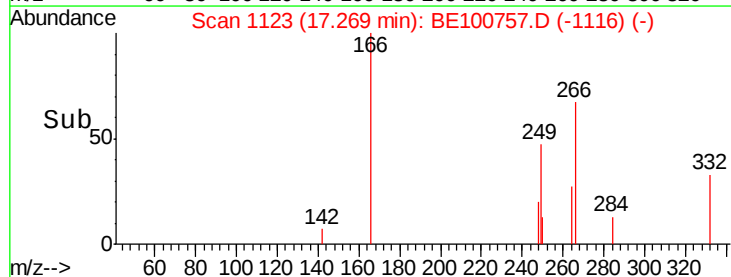
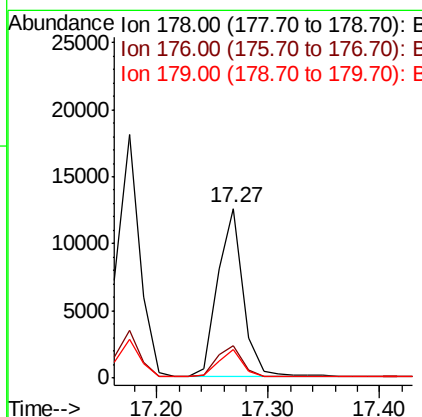
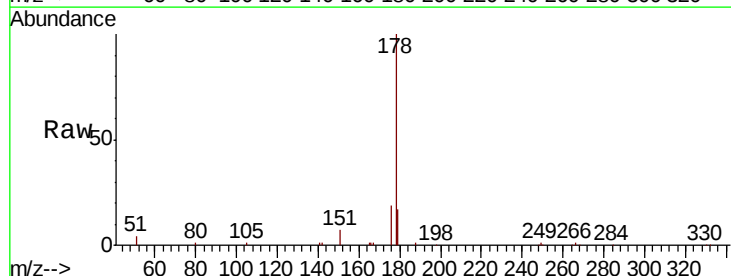
Instrument :
BNA_E
ClientSampleId :
PB125011BS

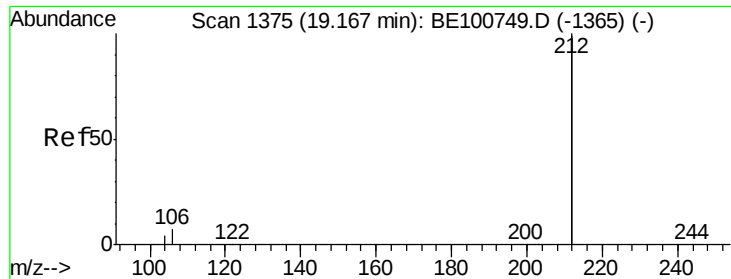
Tot Ion:178 Resp: 25767
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.9 12.5 18.7



#24
Anthracene
Concen: 0.337 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:178 Resp: 19689
Ion Ratio Lower Upper
178 100
176 19.3 14.9 22.3
179 15.7 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 19.17 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

Instrument :

BNA_E

ClientSampleId :

PB125011BS

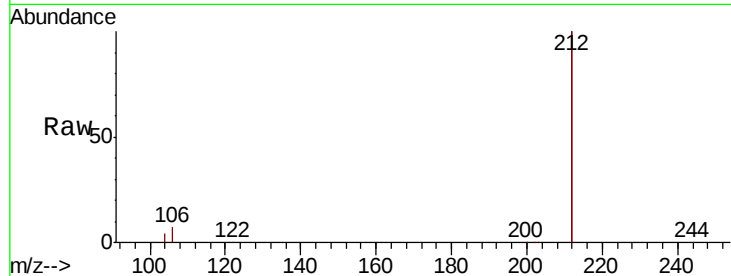
Tot Ion:212 Resp: 106034

Ion Ratio Lower Upper

212 100

106 3.3 2.6 4.0

104 1.8 1.5 2.3

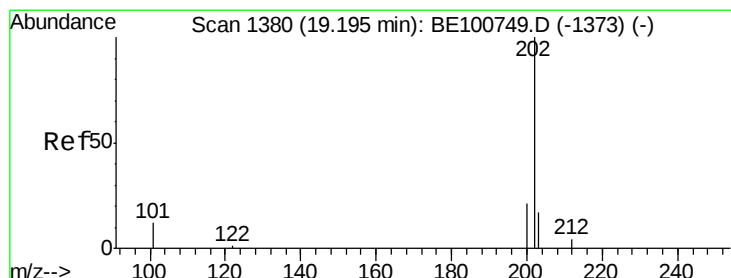
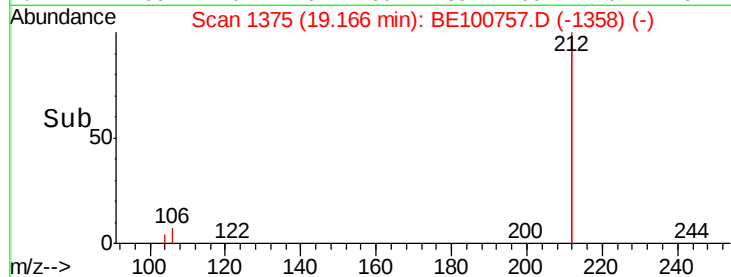
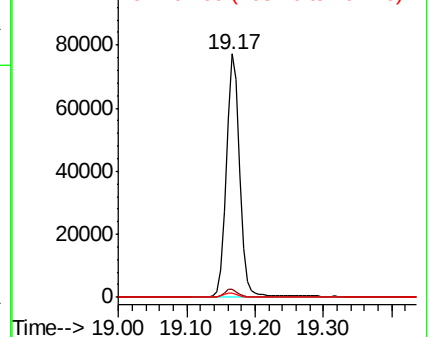


Abundance

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: 0.365 ng

RT: 19.19 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

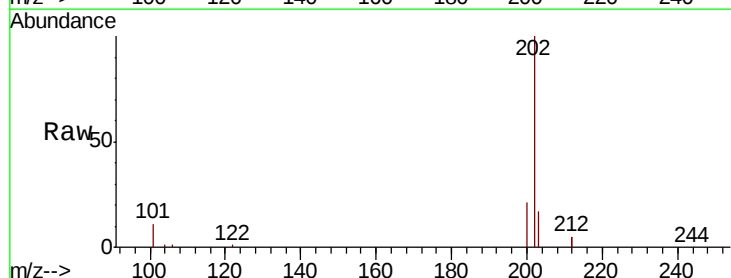
Tgt Ion:202 Resp: 30312

Ion Ratio Lower Upper

202 100

101 11.3 9.2 13.8

203 16.8 13.8 20.8

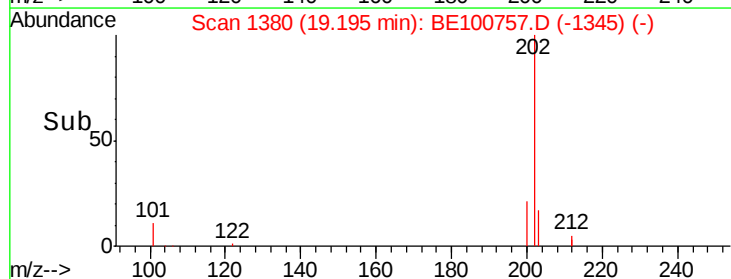
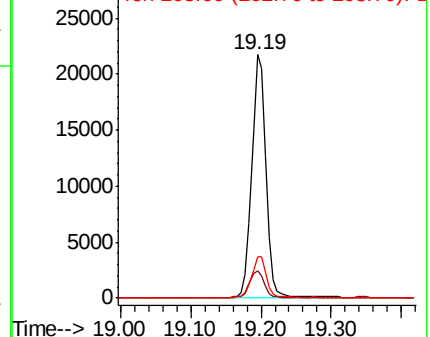


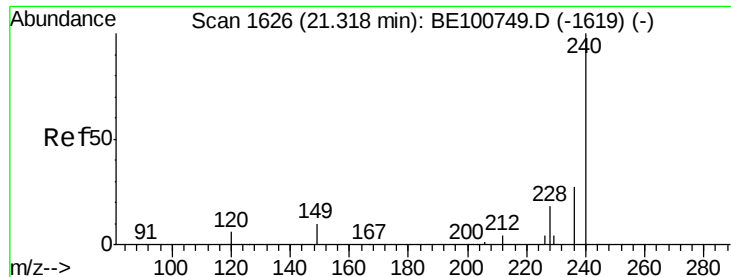
Abundance

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

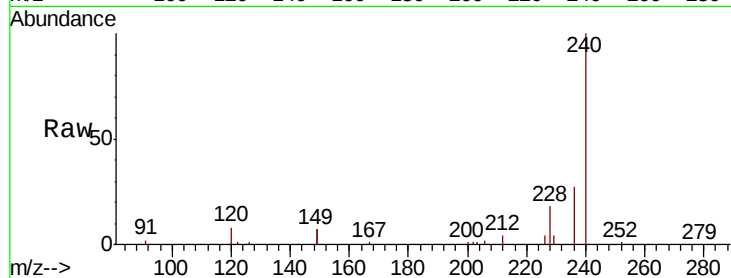




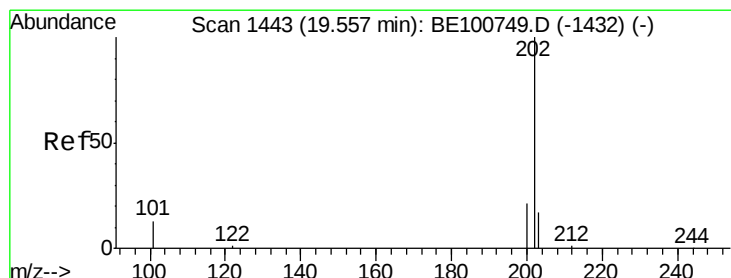
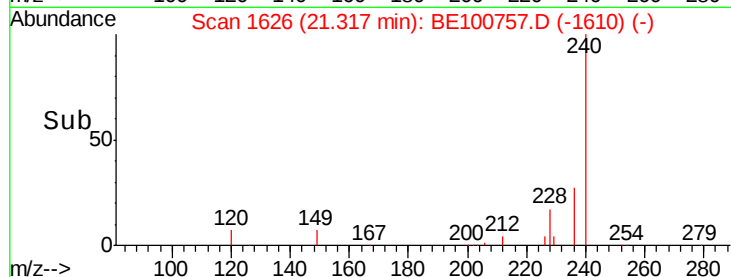
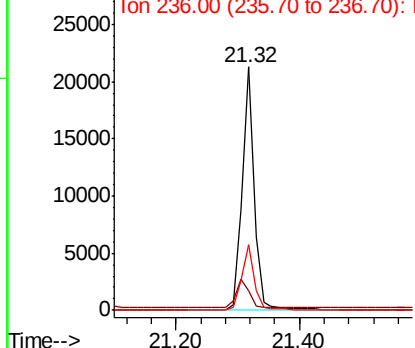
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tot Ion:240 Resp: 27871
Ion Ratio Lower Upper
240 100
120 7.9 5.8 8.8
236 27.2 21.9 32.9

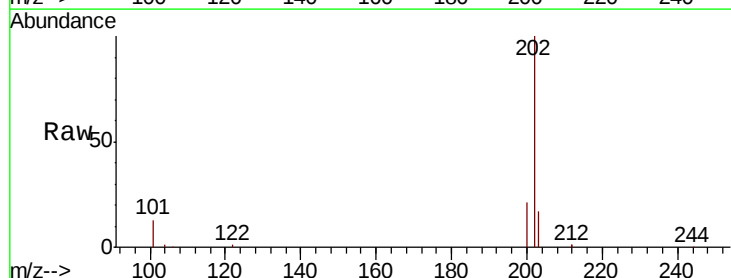


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

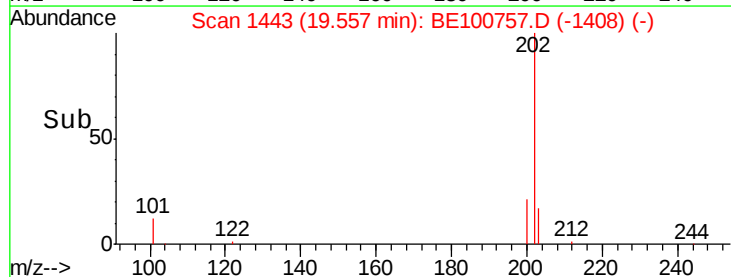
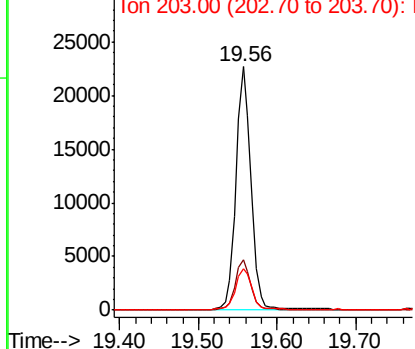


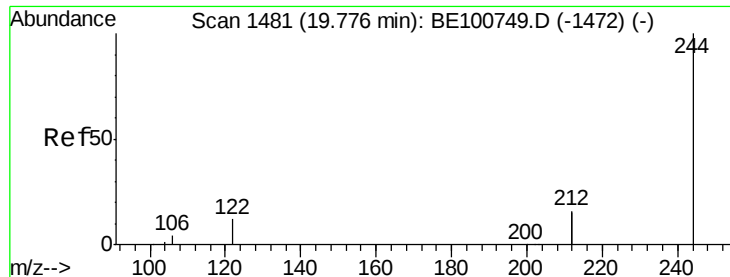
#28
Pyrene
Concen: 0.348 ng
RT: 19.56 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:202 Resp: 30066
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 17.8 14.0 21.0



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: 0.429 ng

RT: 19.77 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

Instrument :

BNA_E

ClientSampleId :

PB125011BS

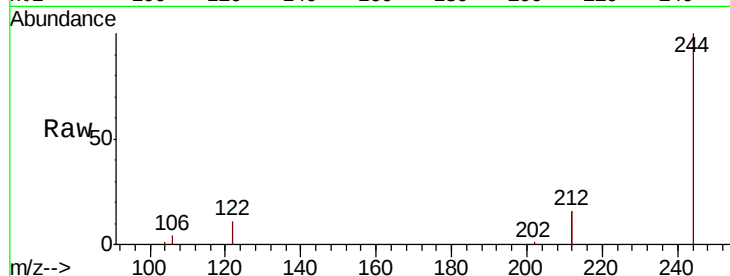
Tot Ion:244 Resp: 27538

Ion Ratio Lower Upper

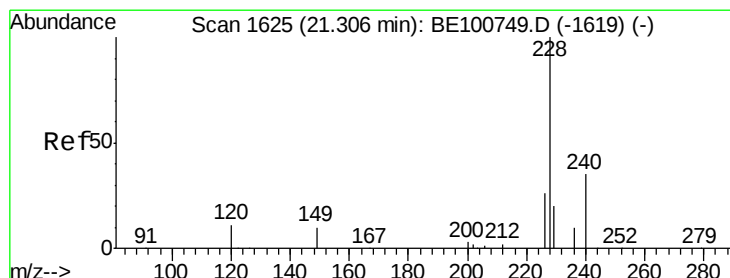
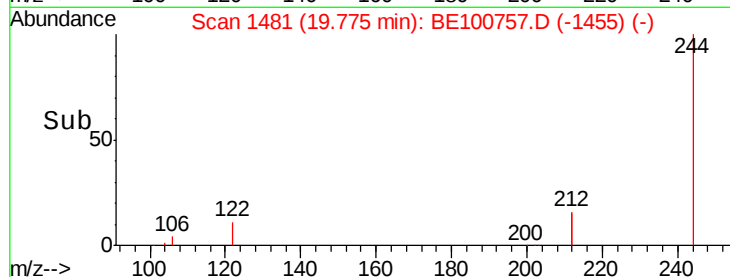
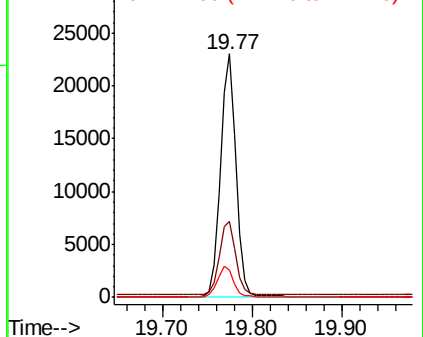
244 100

212 31.2 25.2 37.8

122 11.2 9.8 14.6



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: 0.356 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

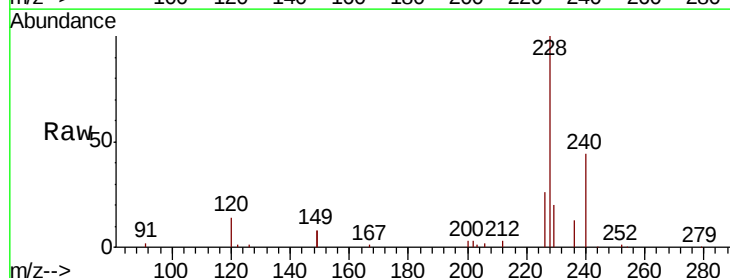
Tgt Ion:228 Resp: 33508

Ion Ratio Lower Upper

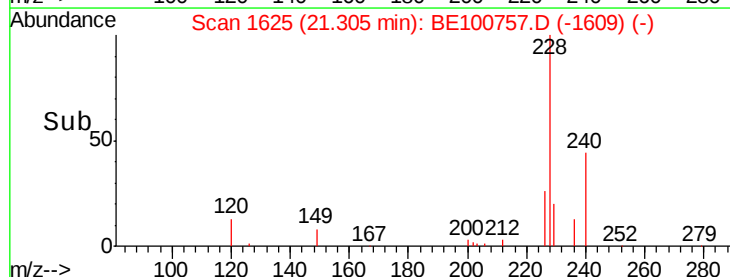
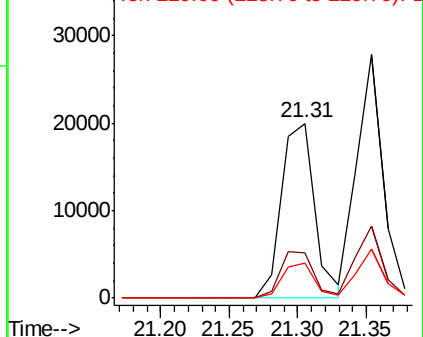
228 100

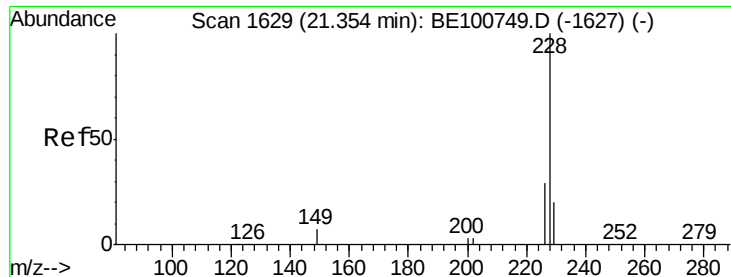
226 25.8 20.7 31.1

229 20.4 16.2 24.2



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: 0.388 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

Instrument :

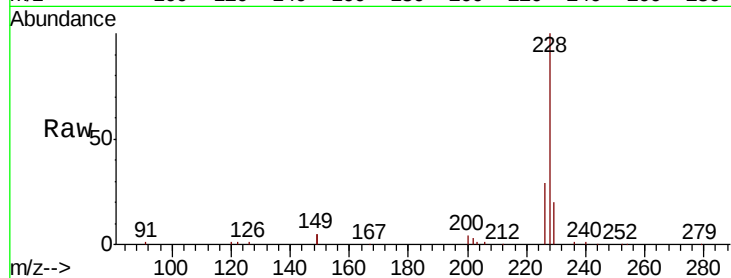
BNA_E

ClientSampleId :

PB125011BS

Tot Ion:228 Resp: 37060

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.6
229	20.3	15.9	23.9

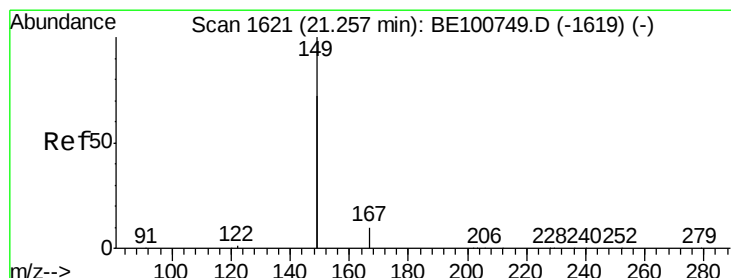
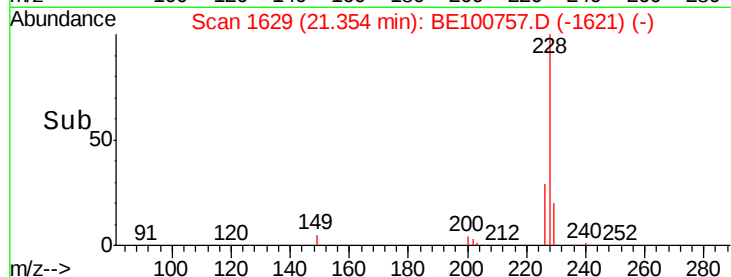
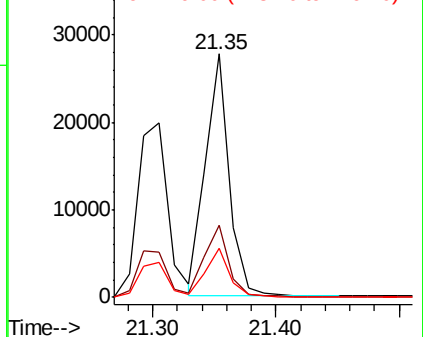


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.307 ng

RT: 21.26 min Scan# 1621

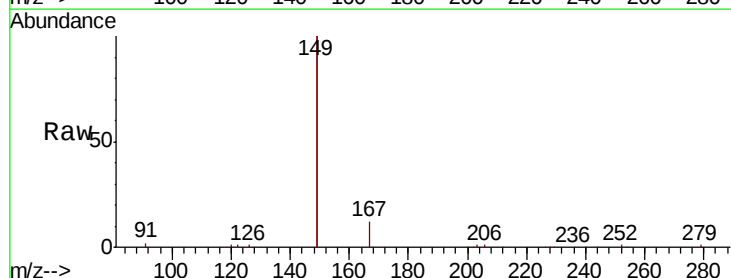
Delta R.T. -0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

Tgt Ion:149 Resp: 41095

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.5	8.3
279	0.9	0.7	1.1

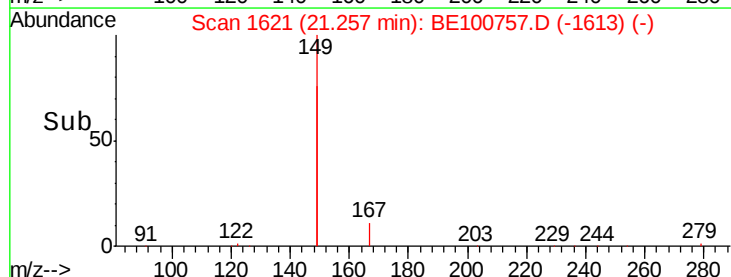
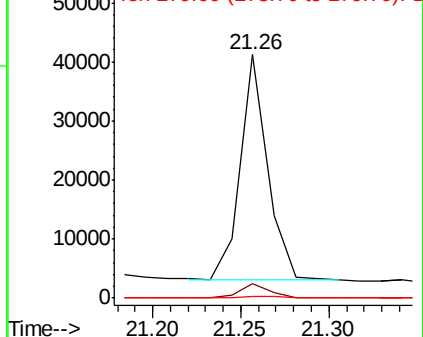


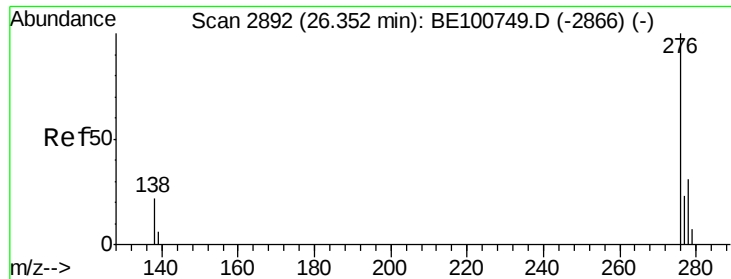
Abundance

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

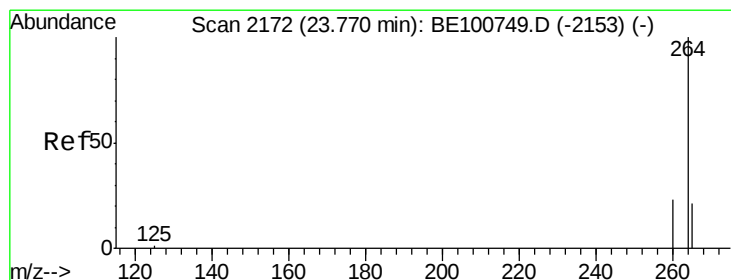
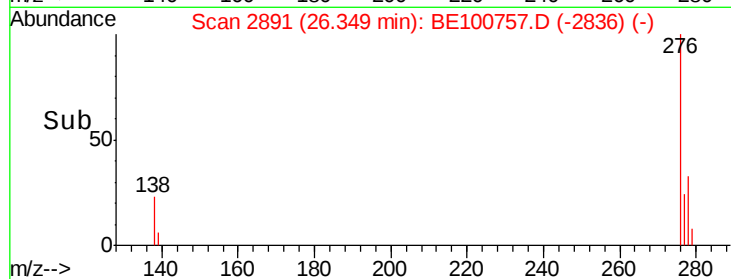
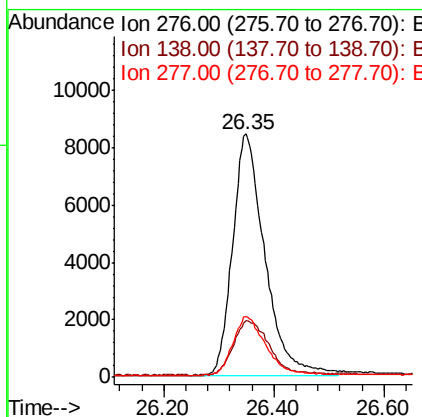
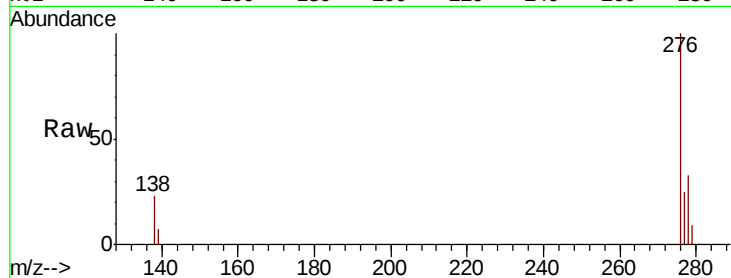




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng
RT: 26.35 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

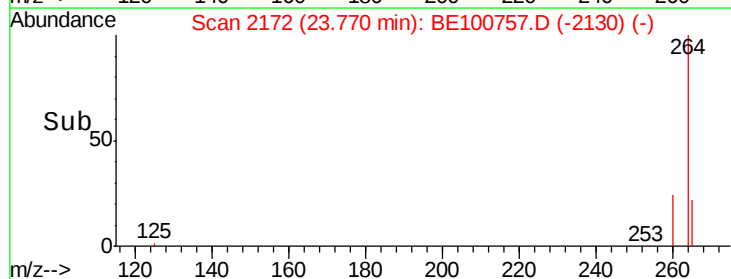
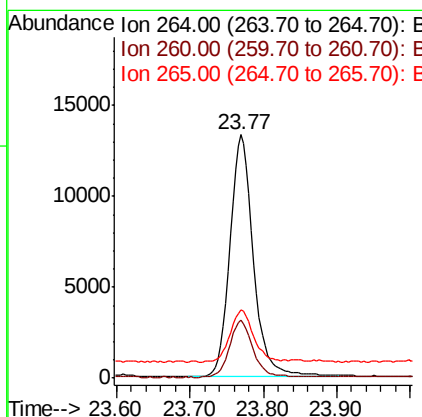
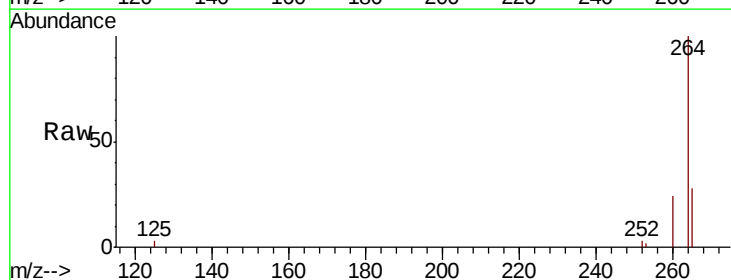
Instrument :
BNA_E
ClientSampleId :
PB125011BS

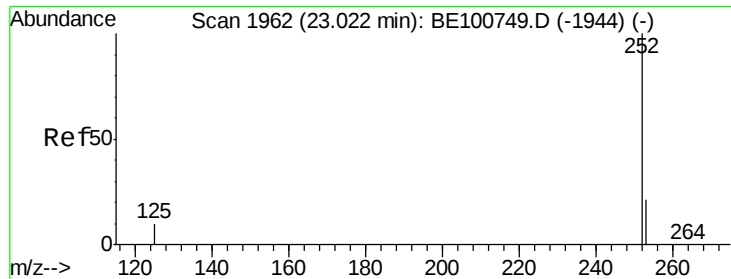
Tot Ion:276 Resp: 34443
Ion Ratio Lower Upper
276 100
138 24.6 19.8 29.6
277 24.0 19.7 29.5



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:264 Resp: 30057
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 28.3 22.4 33.6

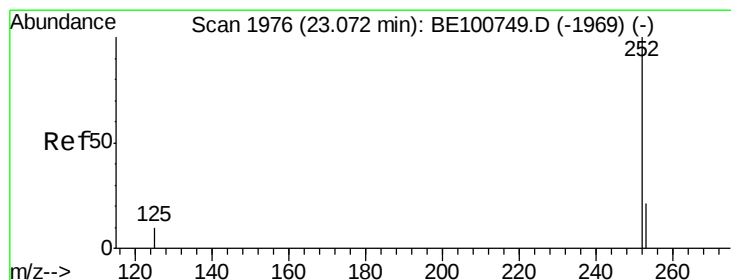
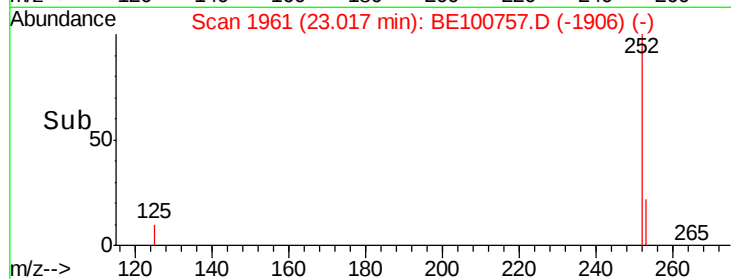
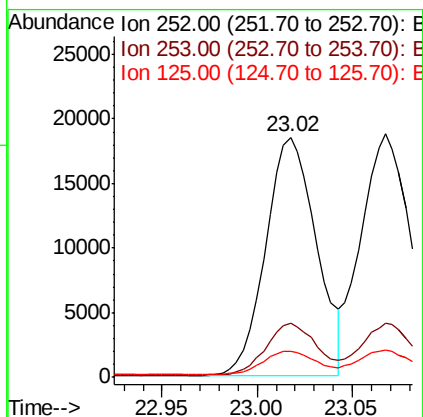
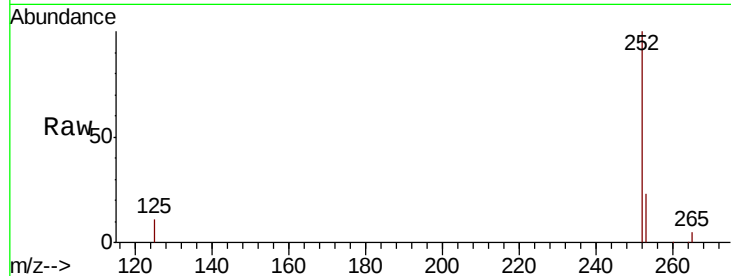




#35
Benzo(b)fluoranthene
Concen: 0.362 ng
RT: 23.02 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

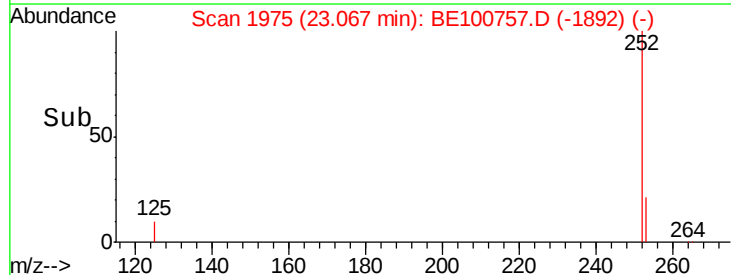
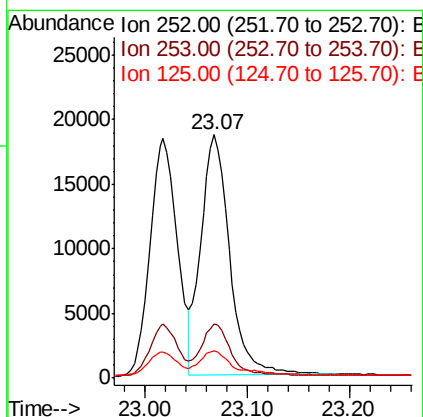
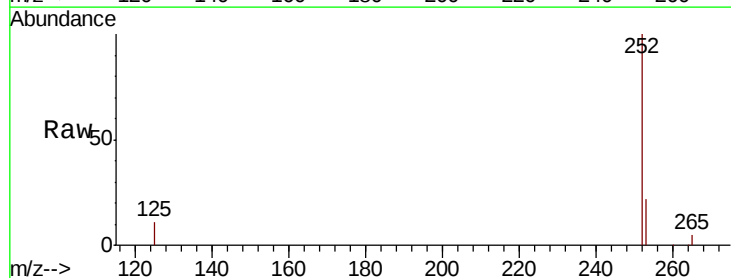
Instrument :
BNA_E
ClientSampleId :
PB125011BS

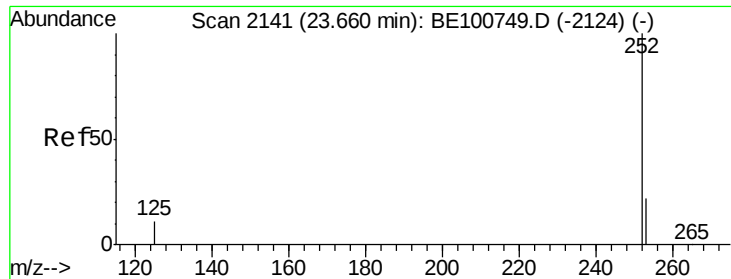
Tot Ion:252 Resp: 34143
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 11.1 9.1 13.7



#36
Benzo(k)fluoranthene
Concen: 0.370 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:252 Resp: 36348
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.2 9.0 13.4





#37

Benzo(a)pyrene

Concen: 0.342 ng

RT: 23.66 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

Instrument :

BNA_E

ClientSampleId :

PB125011BS

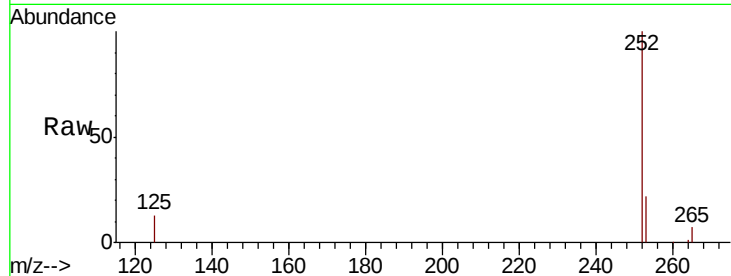
Tot Ion:252 Resp: 28408

Ion Ratio Lower Upper

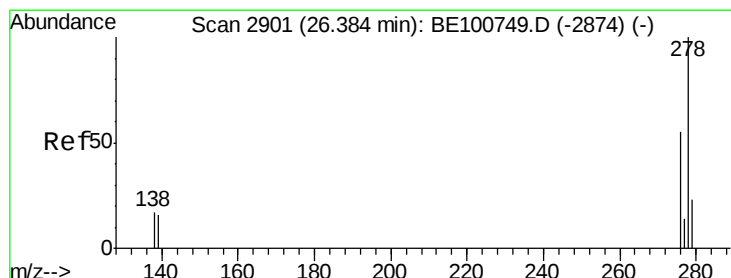
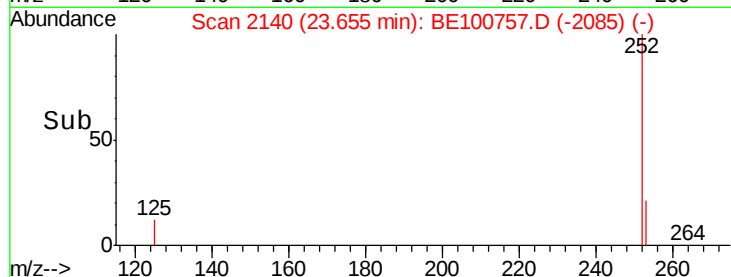
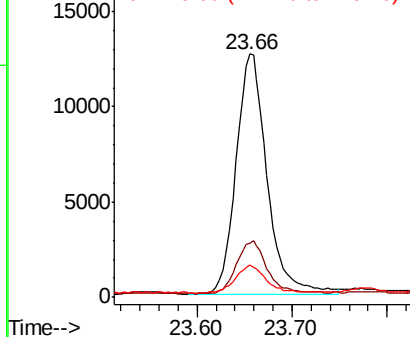
252 100

253 22.4 18.3 27.5

125 13.4 10.5 15.7



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: 0.325 ng

RT: 26.38 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

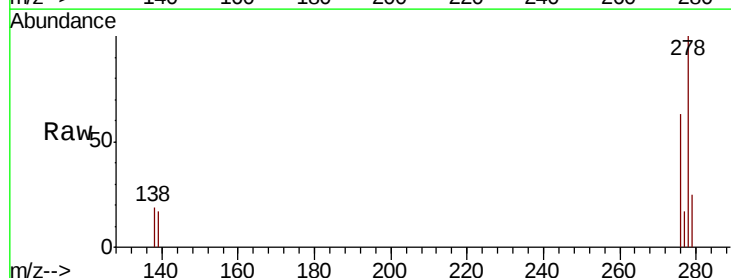
Tgt Ion:278 Resp: 28450

Ion Ratio Lower Upper

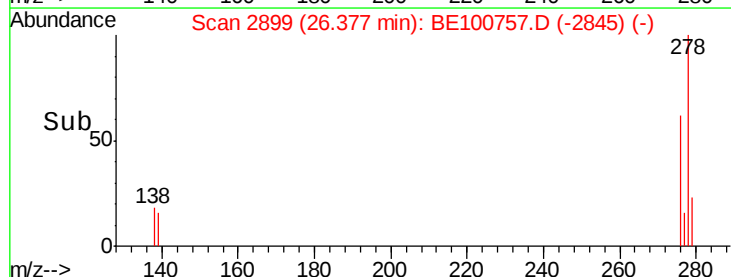
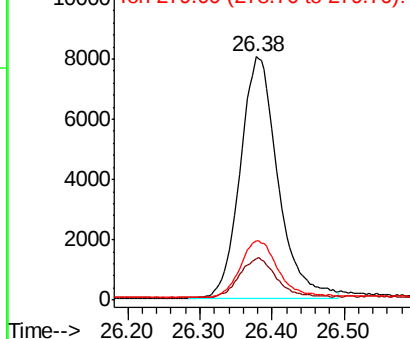
278 100

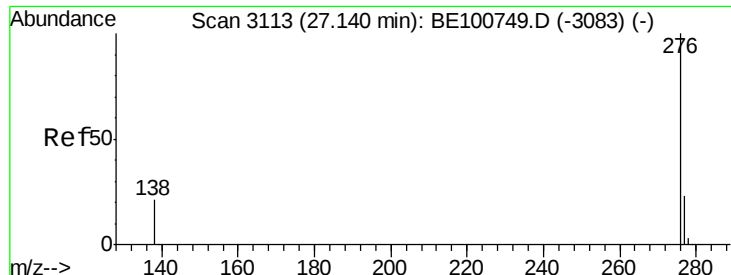
139 16.8 13.2 19.8

279 24.5 19.4 29.2



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: 0.383 ng

RT: 27.14 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BE100757.D

Acq: 22 Nov 2019 13:55

Instrument :

BNA_E

ClientSampleId :

PB125011BS

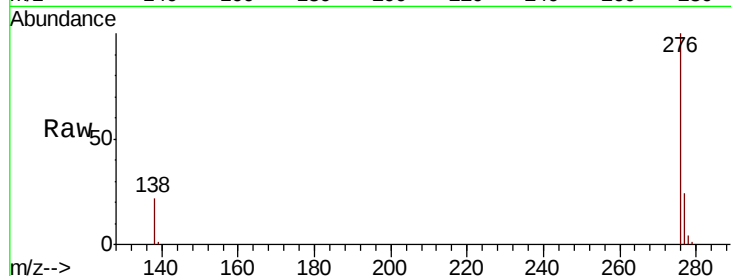
Tot Ion: 276 Resp: 31725

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 21.8 17.8 26.8



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

