

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100858.D
 Acq On : 11 Dec 2019 23:03
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE125D1-20191205

Quant Time: Dec 12 04:43:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4848	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	23968	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13895	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	29765	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	25276	0.40	ng	0.00
34) Perylene-d12	23.75	264	30200	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	5751	0.50	ng	-0.01
5) Phenol-d6	6.93	99	9185	0.53	ng	0.00
8) Nitrobenzene-d5	8.90	82	6328	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	15802	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	1010	0.65	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	22741	0.41	ng	-0.01
25) Fluoranthene-d10	19.16	212	131068	0.37	ng	0.00
29) Terphenyl-d14	19.76	244	27480	0.45	ng	0.00

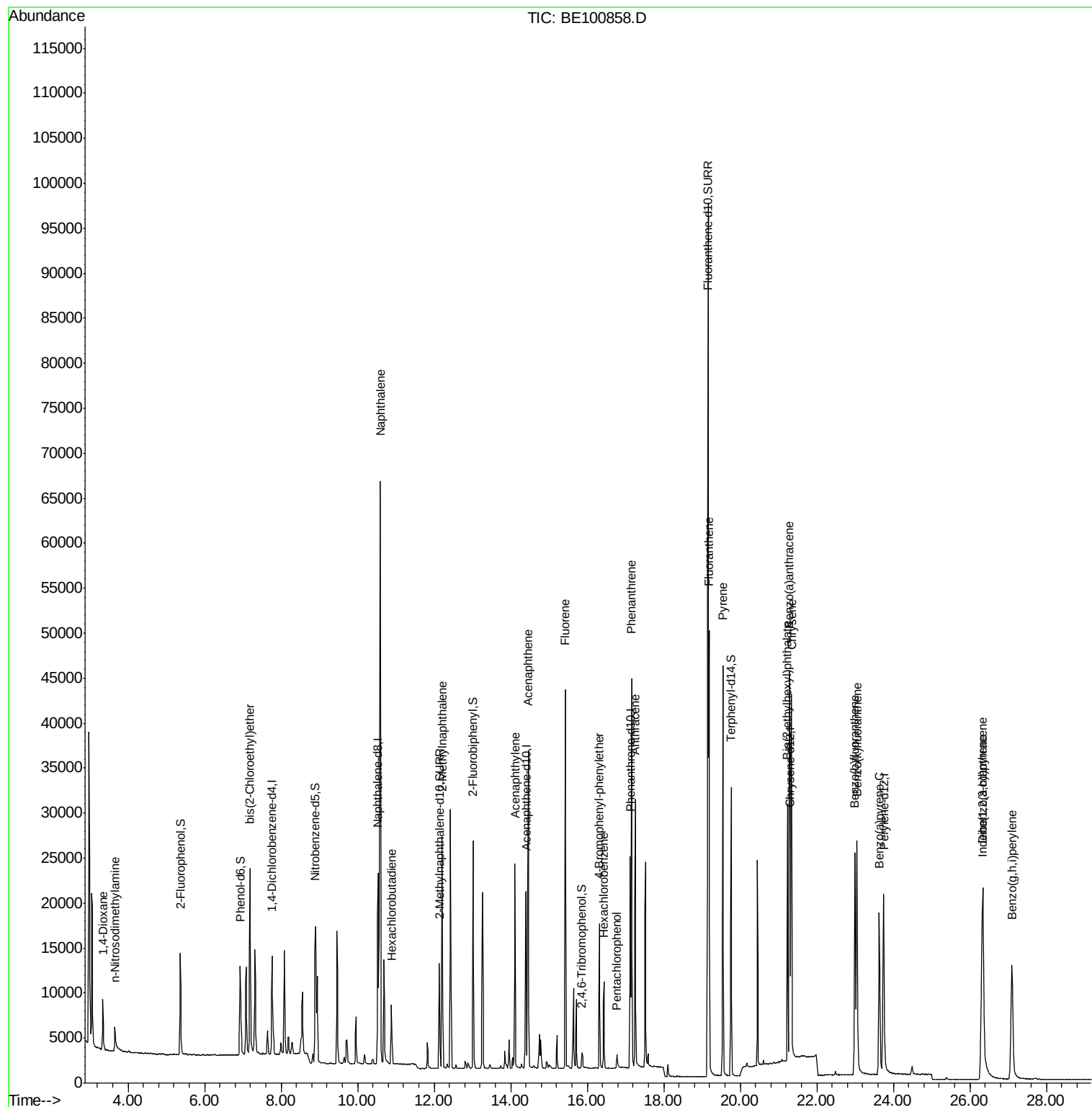
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	3945	0.446	ng	99
3) n-Nitrosodimethylamine	3.65	42	2961	0.412	ng	87
6) bis(2-Chloroethyl)ether	7.18	93	7737	0.461	ng	98
9) Naphthalene	10.59	128	115327	0.453	ng	99
10) Hexachlorobutadiene	10.89	225	4374	0.440	ng	97
12) 2-Methylnaphthalene	12.21	142	18613	0.468	ng	96
16) Acenaphthylene	14.11	152	25335	0.441	ng	100
17) Acenaphthene	14.46	154	17805	0.449	ng	99
18) Fluorene	15.42	166	22468	0.440	ng	98
20) 4-Bromophenyl-phenylether	16.32	248	6475	0.443	ng	# 77
21) Hexachlorobenzene	16.44	284	7378	0.465	ng	99
22) Pentachlorophenol	16.77	266	963	0.878	ng	# 82
23) Phenanthrene	17.16	178	41198	0.457	ng	100
24) Anthracene	17.26	178	31655	0.420	ng	99
26) Fluoranthene	19.18	202	41863	0.389	ng	99
28) Pyrene	19.55	202	41348	0.503	ng	99
30) Benzo(a)anthracene	21.28	228	34039	0.457	ng	98
31) Chrysene	21.34	228	42326	0.484	ng	96
32) Bis(2-ethylhexyl)phthalate	21.23	149	31529	0.598	ng	100
33) Indeno(1,2,3-cd)pyrene	26.32	276	37720	0.495	ng	99
35) Benzo(b)fluoranthene	23.00	252	35462	0.429	ng	99
36) Benzo(k)fluoranthene	23.05	252	39902	0.430	ng	99
37) Benzo(a)pyrene	23.63	252	29589	0.413	ng	99
38) Dibenzo(a,h)anthracene	26.34	278	30860	0.433	ng	100
39) Benzo(g,h,i)perylene	27.10	276	33090	0.435	ng	100

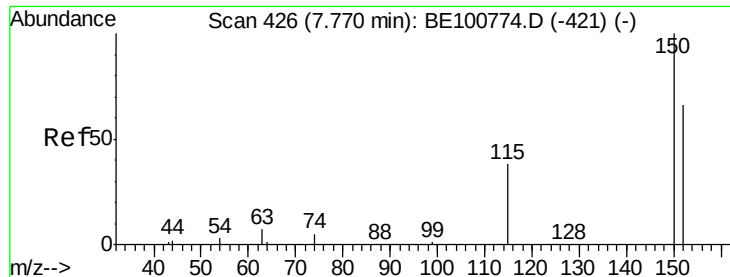
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
Data File : BE100858.D
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ALS Vial : 2 Sample Multiplier: 1

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ClientSampleId :
RE125D1-20191205

Quant Time: Dec 12 04:43:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

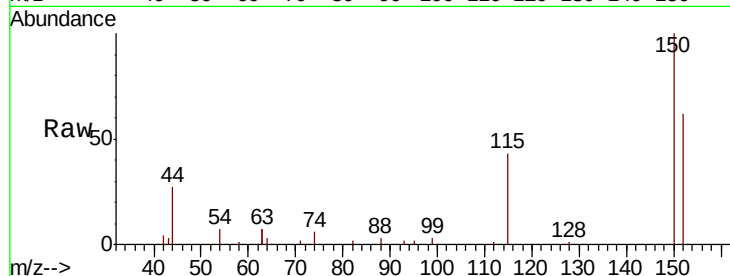
Tot Ion:152 Resp: 4848

Ion Ratio Lower Upper

152 100

150 160.4 120.6 181.0

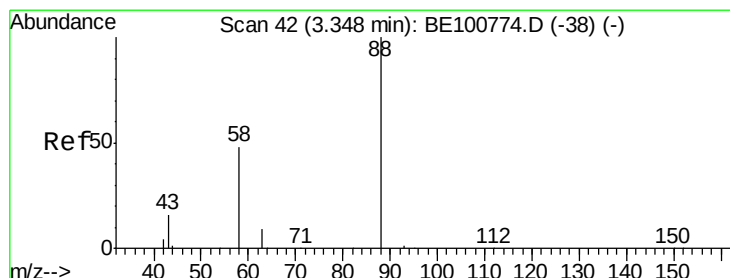
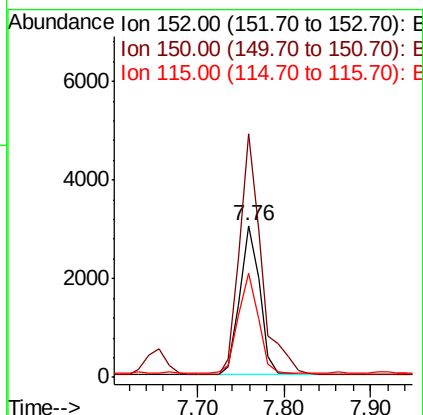
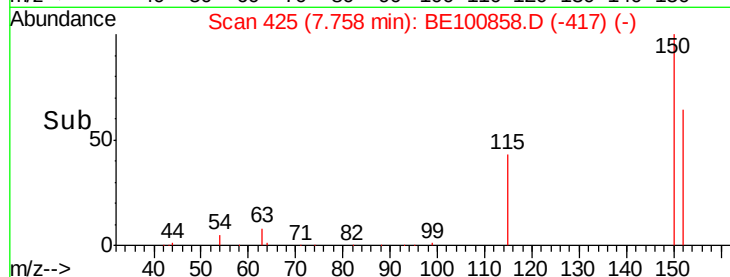
115 68.9 47.4 71.2



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: 0.446 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

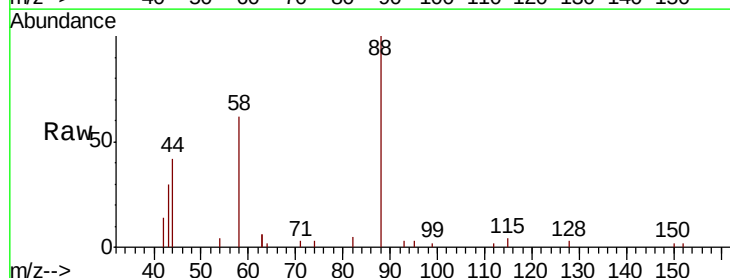
Tgt Ion: 88 Resp: 3945

Ion Ratio Lower Upper

88 100

58 66.3 52.5 78.7

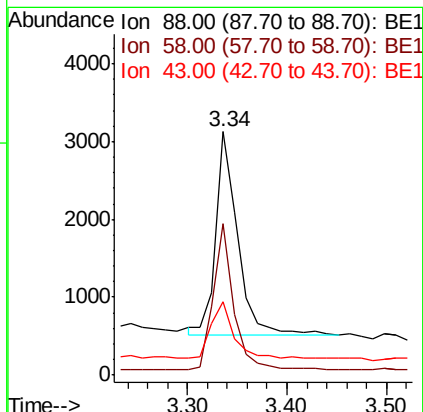
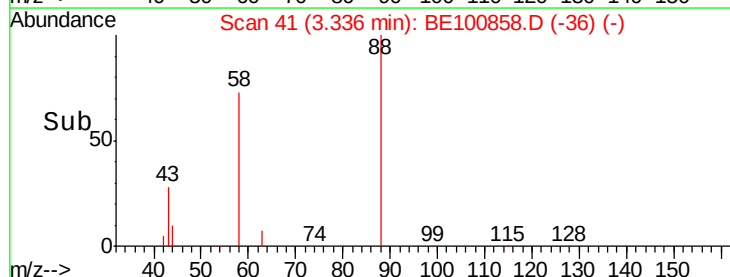
43 29.3 23.0 34.6

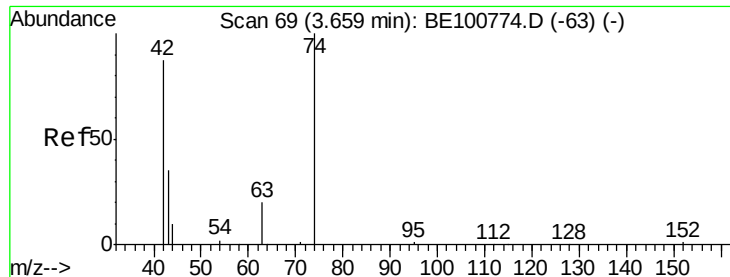


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.412 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

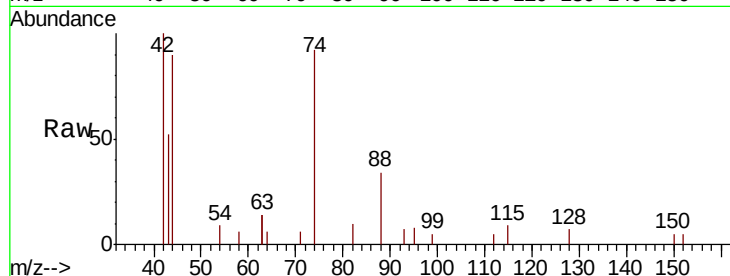
Tot Ion: 42 Resp: 2961

Ion Ratio Lower Upper

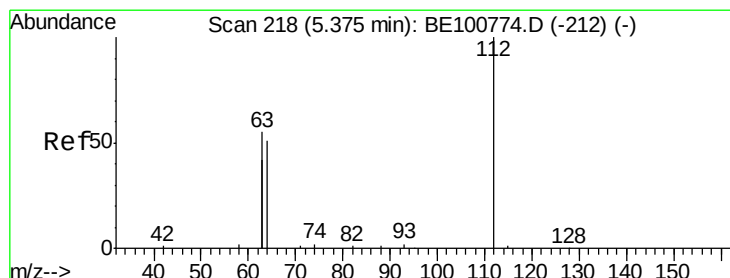
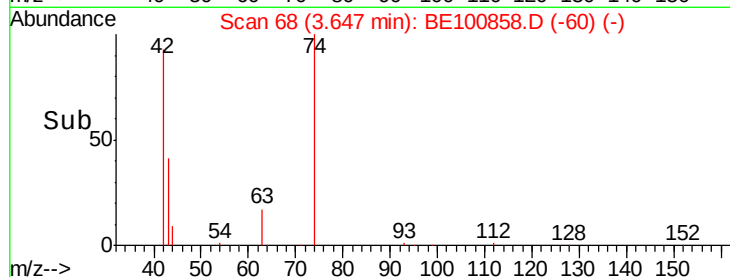
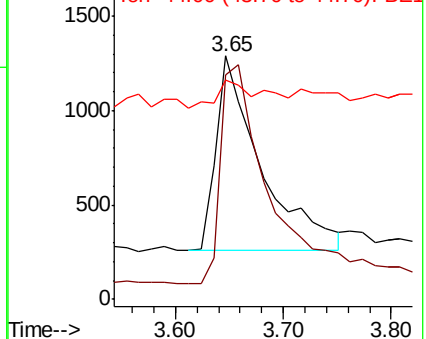
42 100

74 123.1 86.3 129.5

44 14.5 11.6 17.4



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: 0.500 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

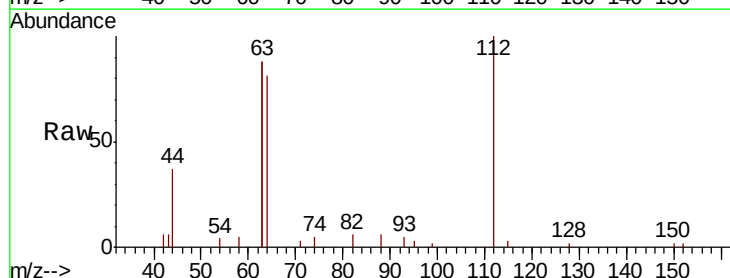
Tgt Ion: 112 Resp: 5751

Ion Ratio Lower Upper

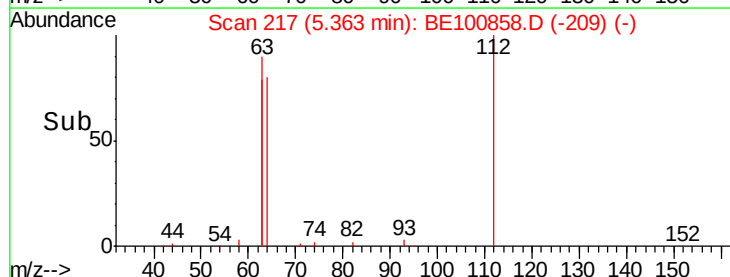
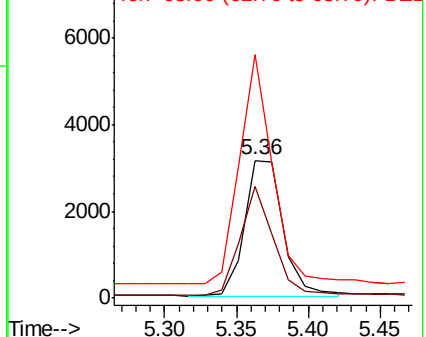
112 100

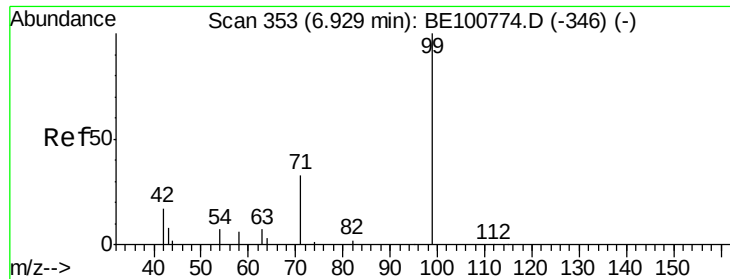
64 68.6 54.1 81.1

63 145.3 113.2 169.8



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





#5

Phenol-d6

Concen: 0.529 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

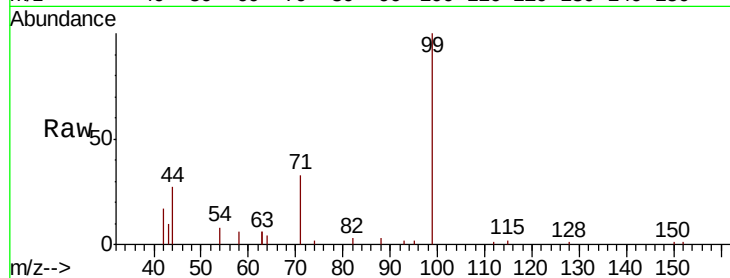
Tot Ion: 99 Resp: 9185

Ion Ratio Lower Upper

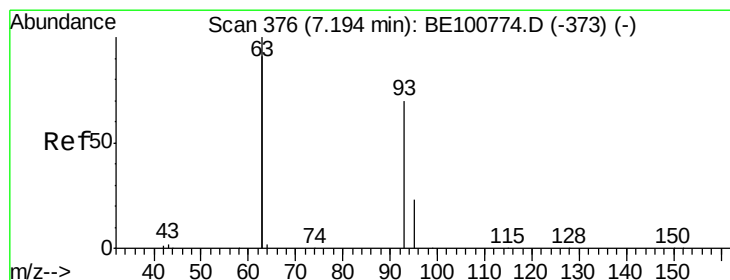
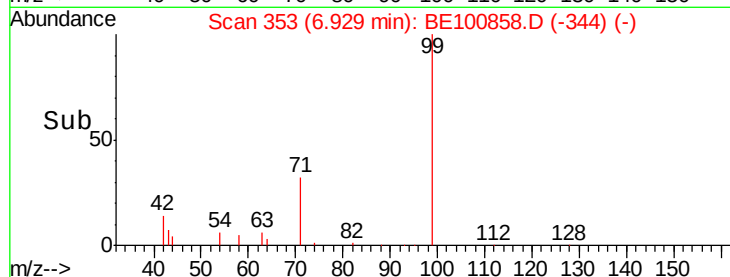
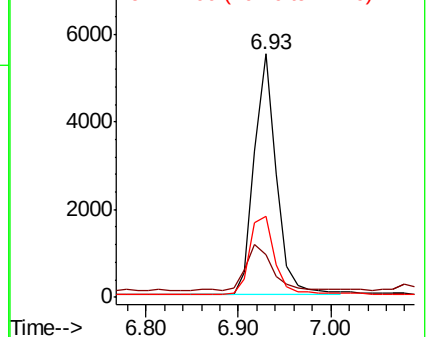
99 100

42 22.6 19.1 28.7

71 36.0 27.7 41.5



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: 0.461 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

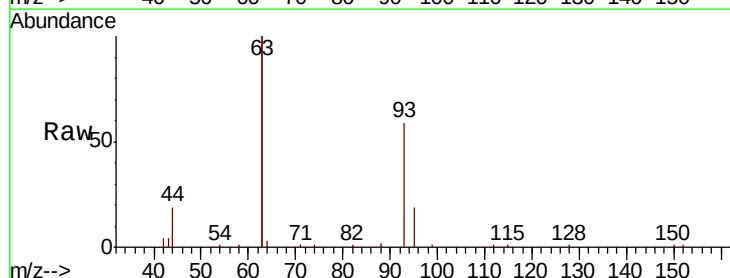
Tgt Ion: 93 Resp: 7737

Ion Ratio Lower Upper

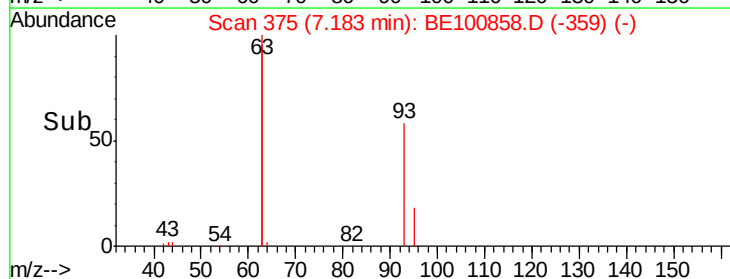
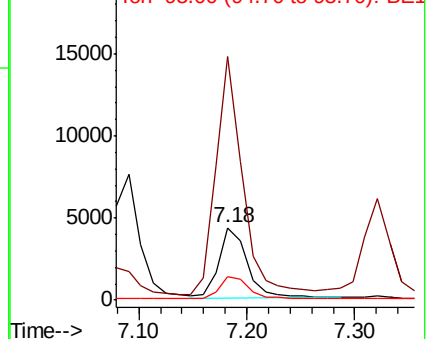
93 100

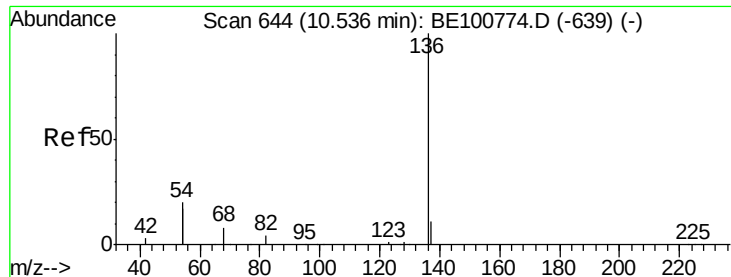
63 319.4 259.4 389.0

95 31.7 26.2 39.2



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: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

Tot Ion:136 Resp: 23968

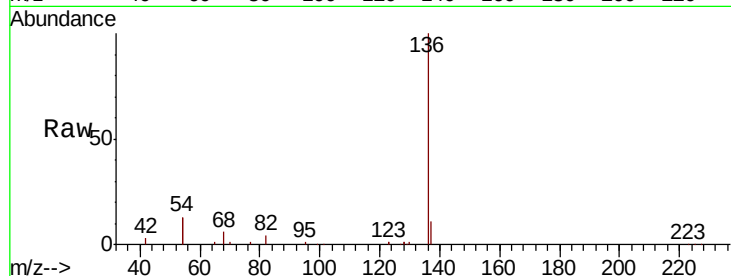
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 25.3 31.1 46.7#

68 5.9 6.6 10.0#

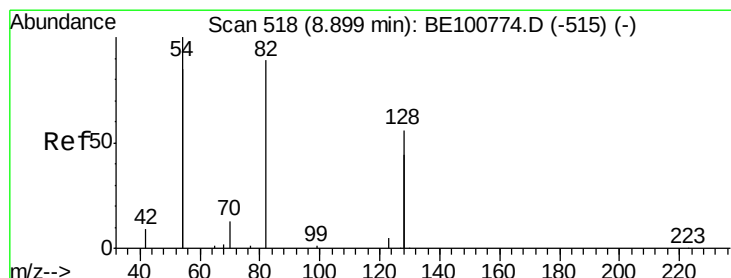
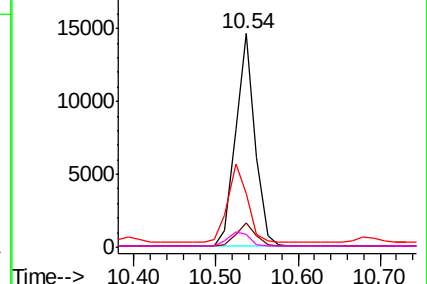
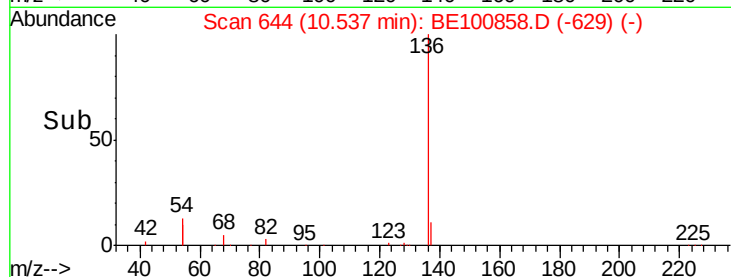


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.554 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

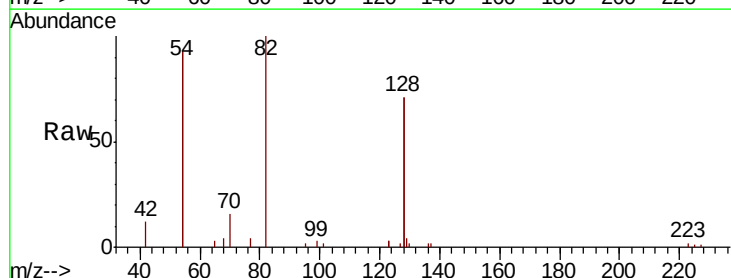
Tgt Ion: 82 Resp: 6328

Ion Ratio Lower Upper

82 100

128 141.6 97.0 145.4

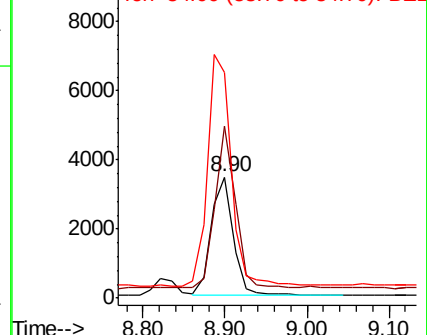
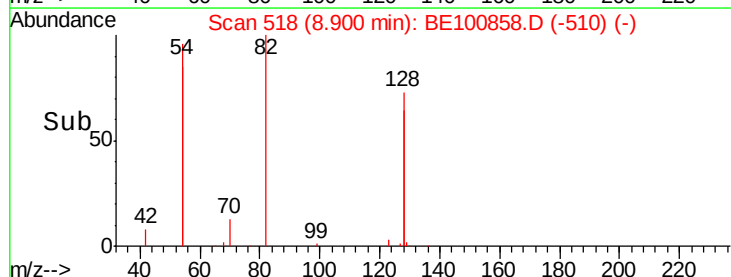
54 186.3 171.8 257.6

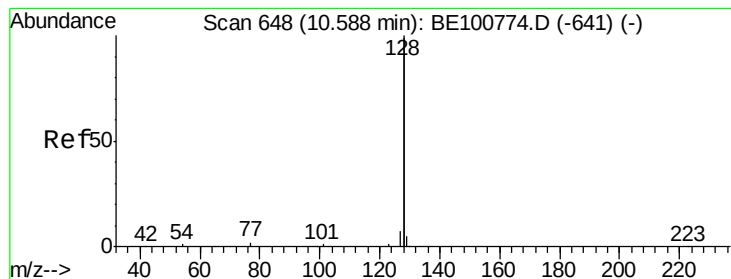


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.453 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

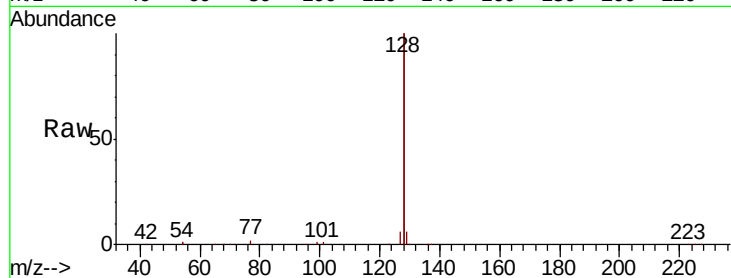
Tot Ion:128 Resp: 115327

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

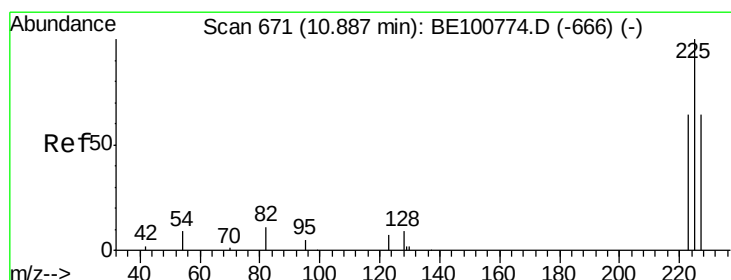
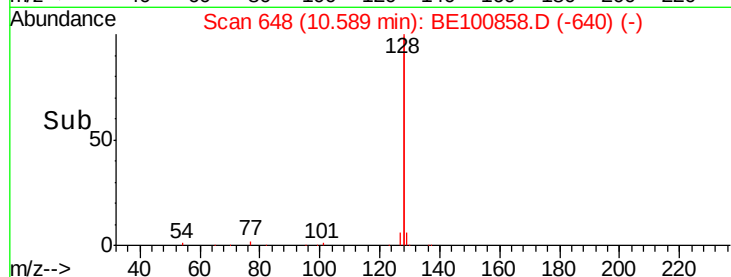
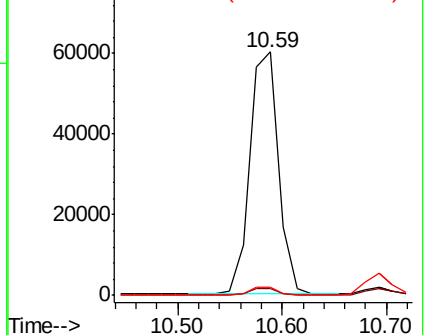
127 3.2 2.7 4.1



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: 0.440 ng

RT: 10.89 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

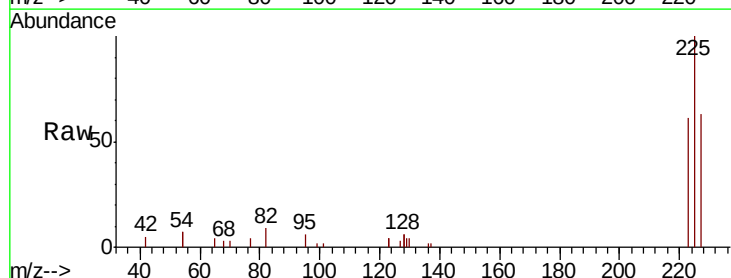
Tgt Ion:225 Resp: 4374

Ion Ratio Lower Upper

225 100

223 62.9 49.9 74.9

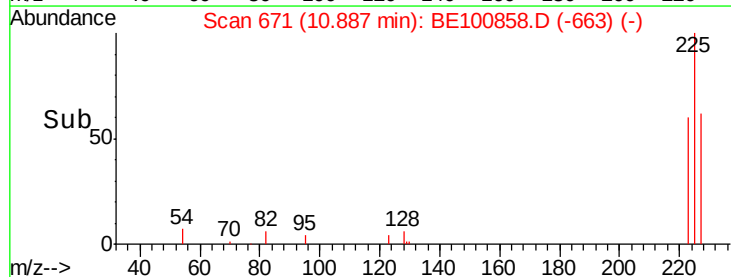
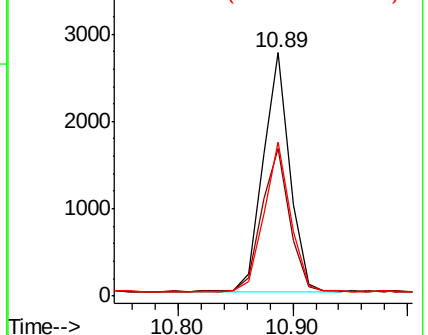
227 61.8 52.2 78.4

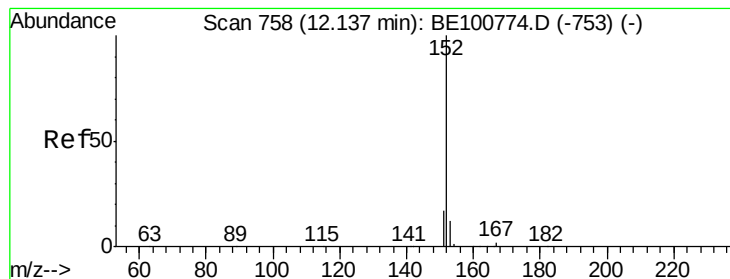


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.455 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

Instrument :

BNA_E

ClientSampleId :

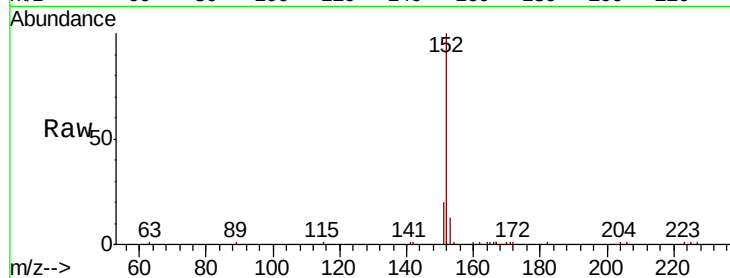
RE125D1-20191205

Tot Ion:152 Resp: 15802

Ion Ratio Lower Upper

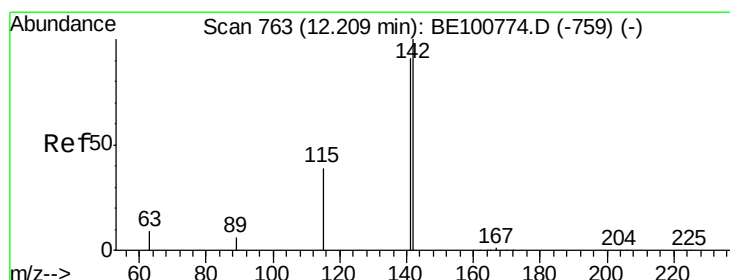
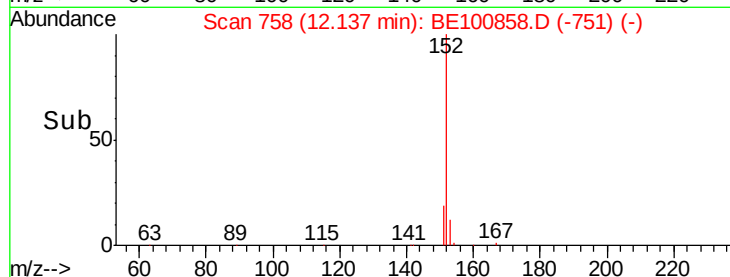
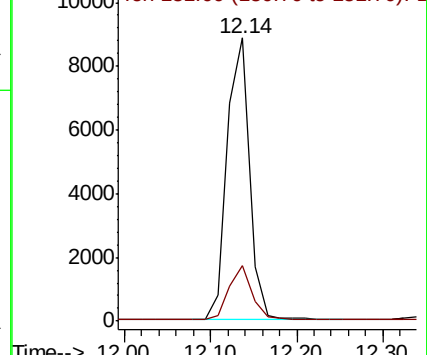
152 100

151 19.5 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.468 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

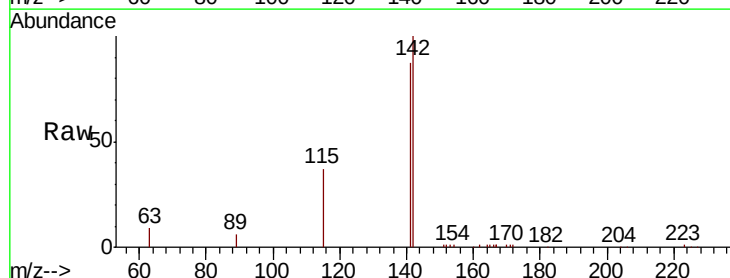
Tgt Ion:142 Resp: 18613

Ion Ratio Lower Upper

142 100

141 87.1 72.6 108.8

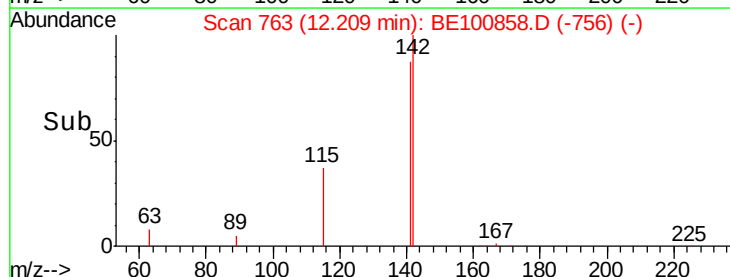
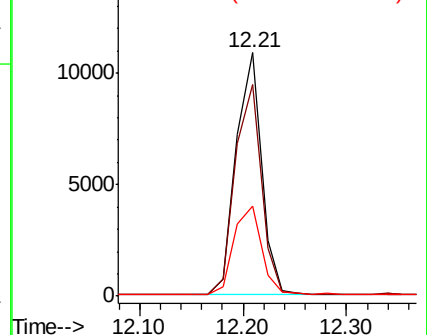
115 37.1 31.8 47.6

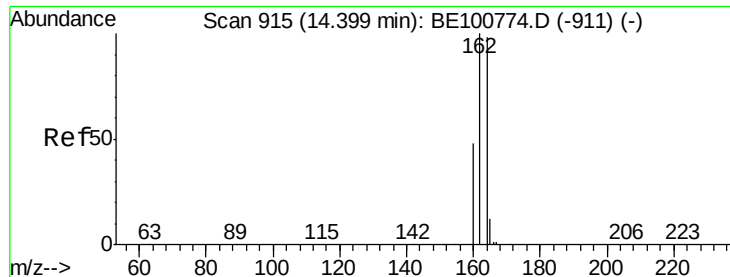


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

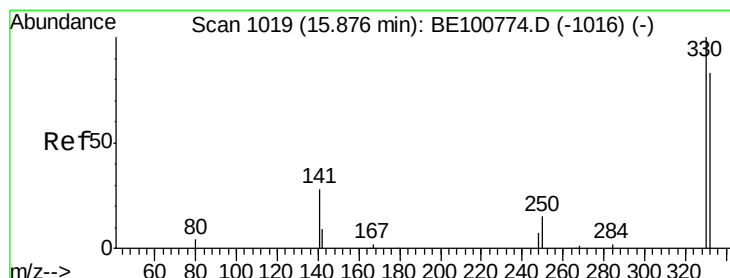
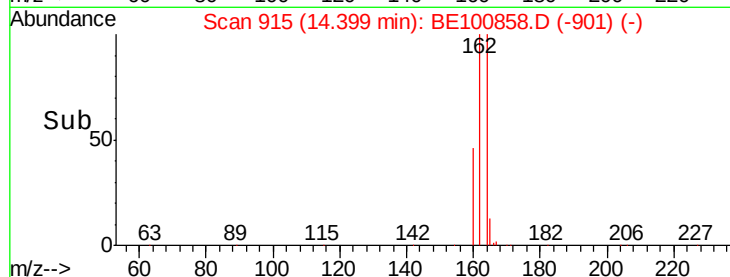
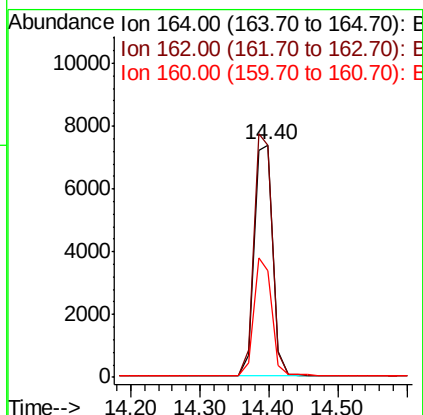
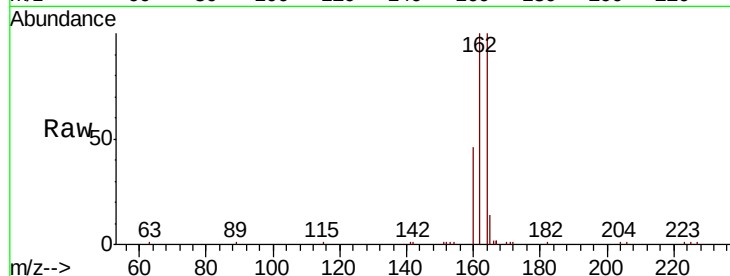




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100858.D
Acq: 11 Dec 2019 23:03

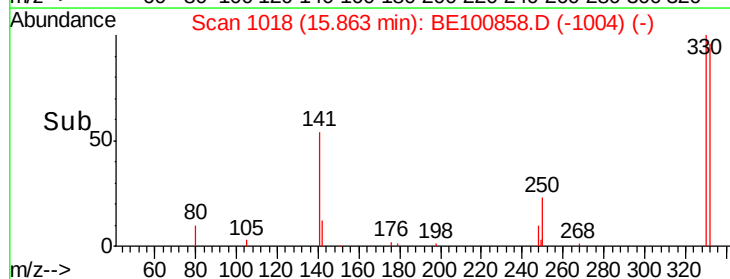
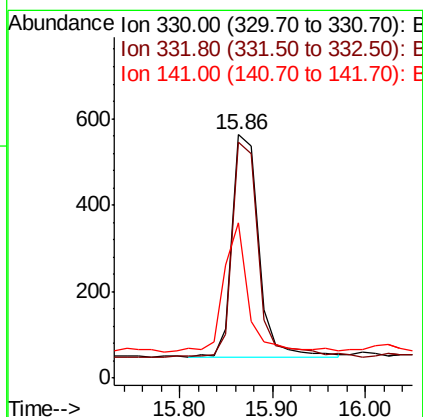
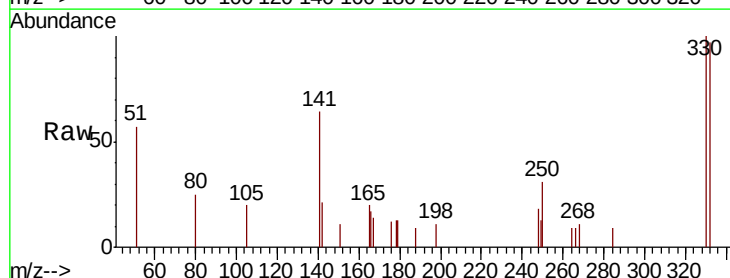
Instrument :
BNA_E
ClientSampleId :
RE125D1-20191205

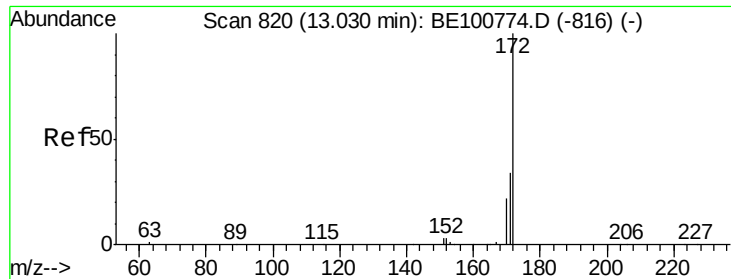
Tot Ion:164 Resp: 13895
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 46.1 39.4 59.0



#14
2,4,6-Tribromophenol
Concen: 0.654 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100858.D
Acq: 11 Dec 2019 23:03

Tgt Ion:330 Resp: 1010
Ion Ratio Lower Upper
330 100
332 97.1 69.4 104.2
141 53.8 51.1 76.7

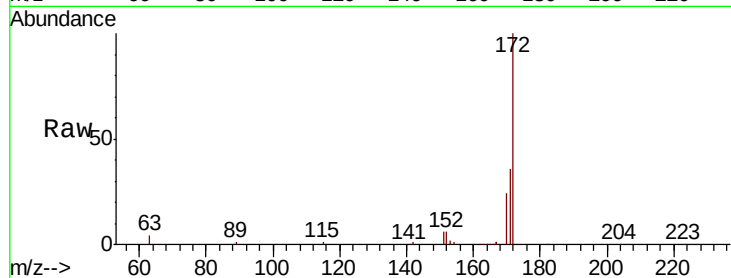




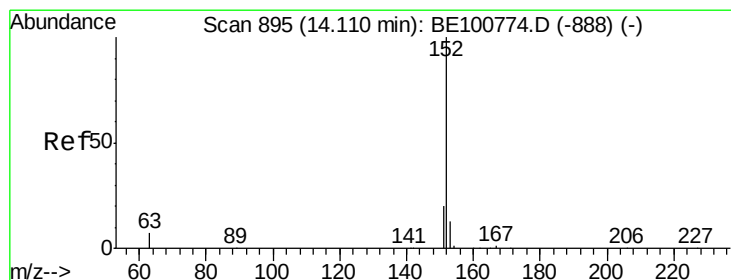
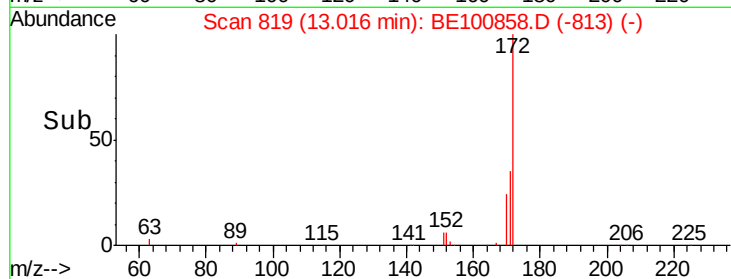
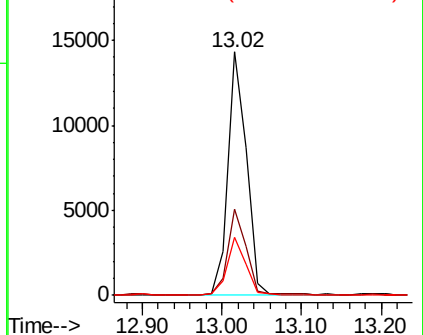
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100858.D
Acq: 11 Dec 2019 23:03

Instrument :
BNA_E
ClientSampleId :
RE125D1-20191205

Tot Ion:172 Resp: 22741
Ion Ratio Lower Upper
172 100
171 35.6 27.2 40.8
170 23.9 18.0 27.0

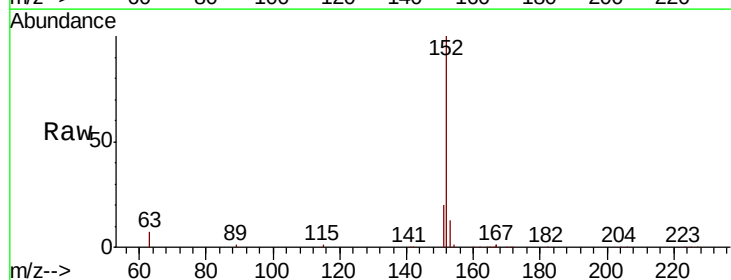


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

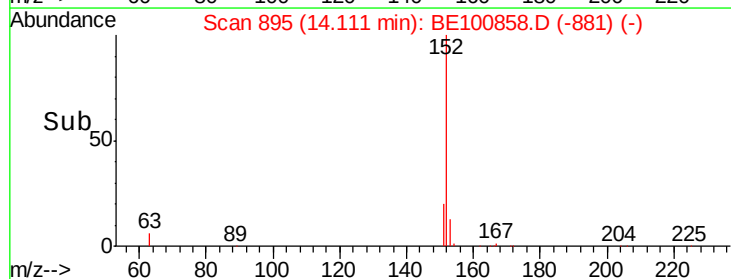
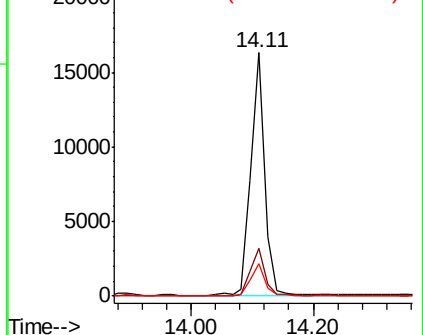


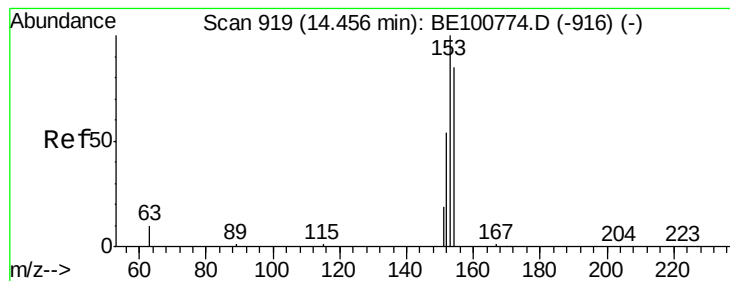
#16
Acenaphthylene
Concen: 0.441 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100858.D
Acq: 11 Dec 2019 23:03

Tgt Ion:152 Resp: 25335
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 13.0 10.4 15.6



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: 0.449 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

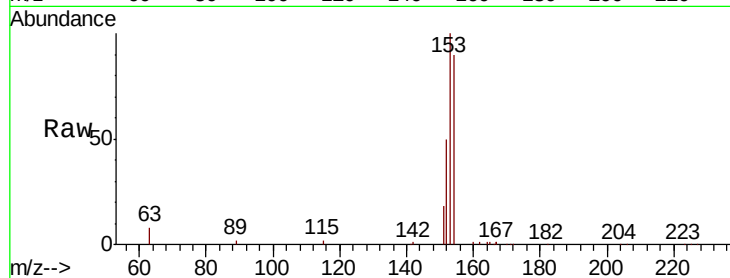
Tot Ion:154 Resp: 17805

Ion Ratio Lower Upper

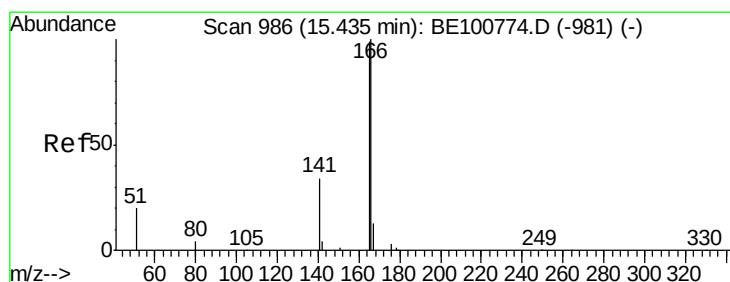
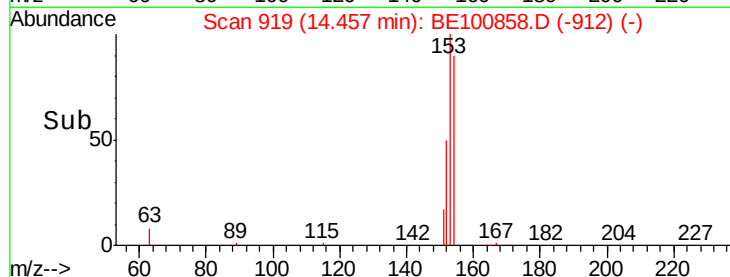
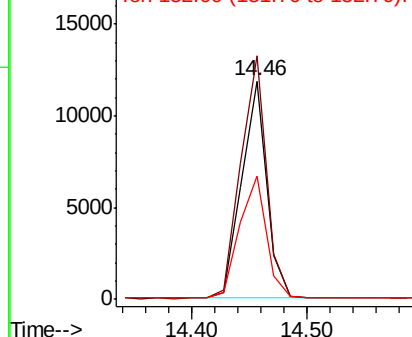
154 100

153 114.7 92.2 138.2

152 60.3 49.1 73.7



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: 0.440 ng

RT: 15.42 min Scan# 985

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

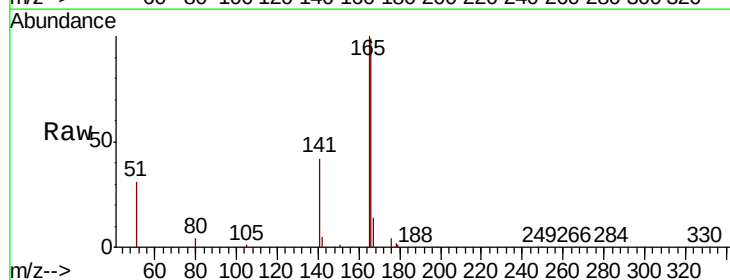
Tgt Ion:166 Resp: 22468

Ion Ratio Lower Upper

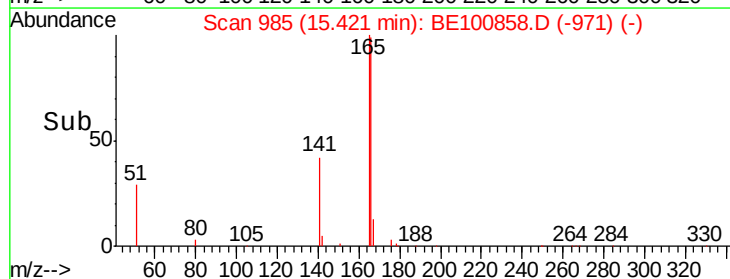
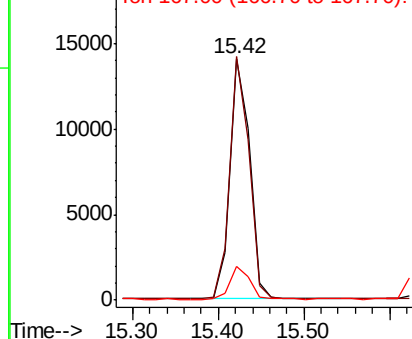
166 100

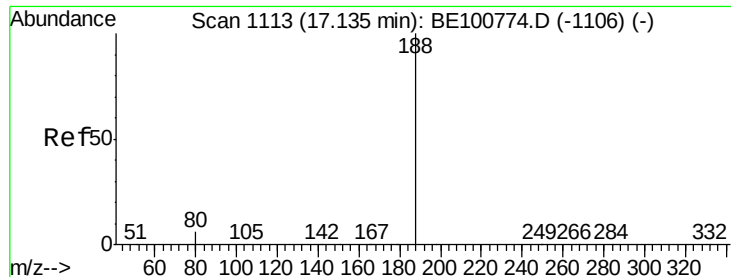
165 98.7 80.5 120.7

167 13.5 10.7 16.1



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: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

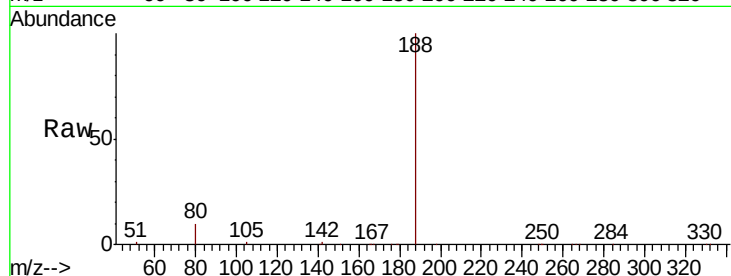
Tot Ion:188 Resp: 29765

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

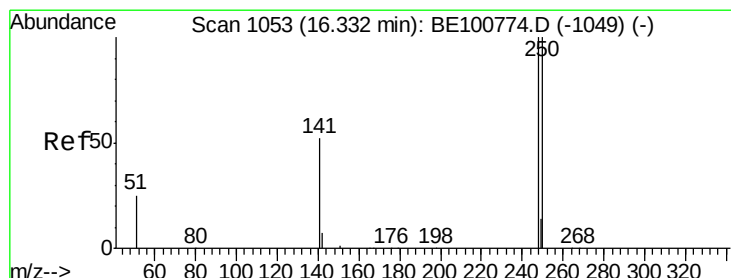
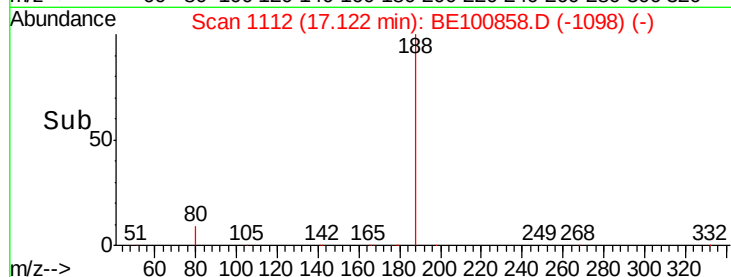
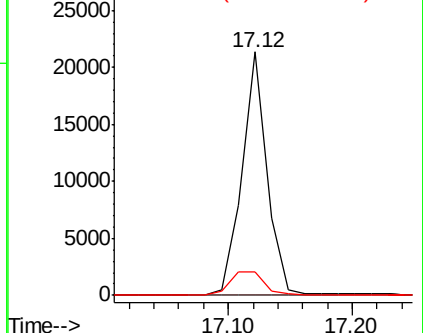
80 9.7 5.2 7.8#



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: 0.443 ng

RT: 16.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

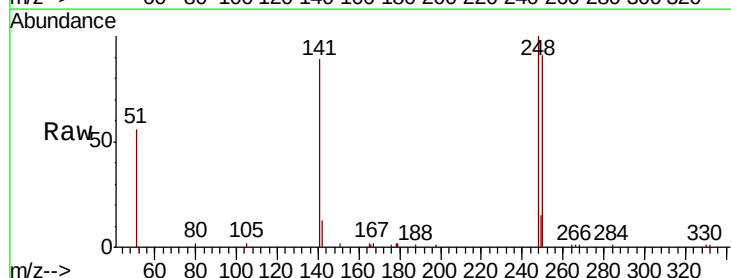
Tgt Ion:248 Resp: 6475

Ion Ratio Lower Upper

248 100

250 91.1 80.5 120.7

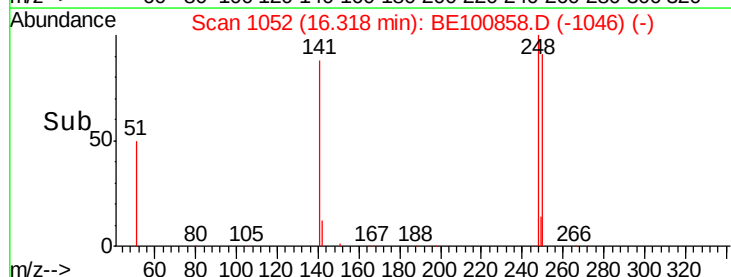
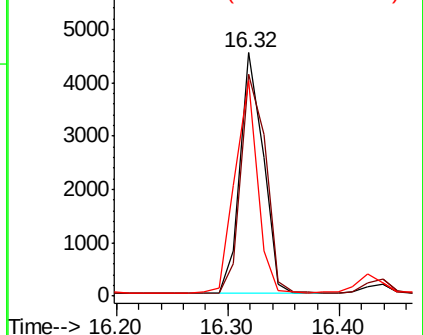
141 88.6 42.6 64.0#

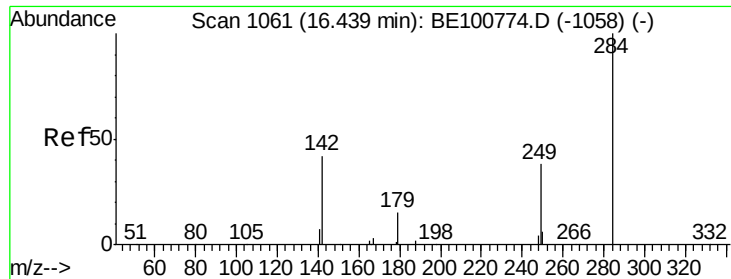


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

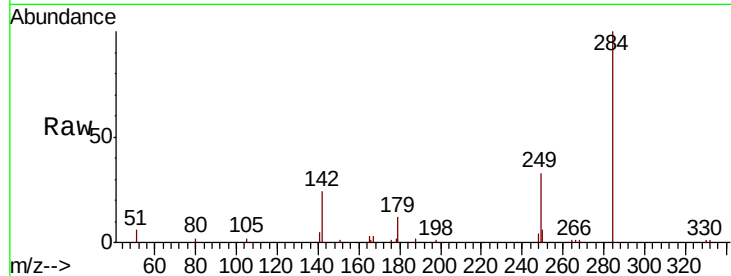




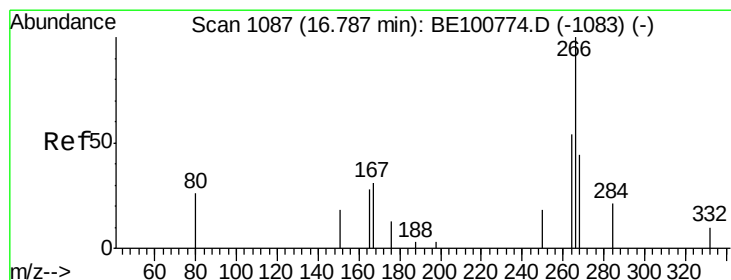
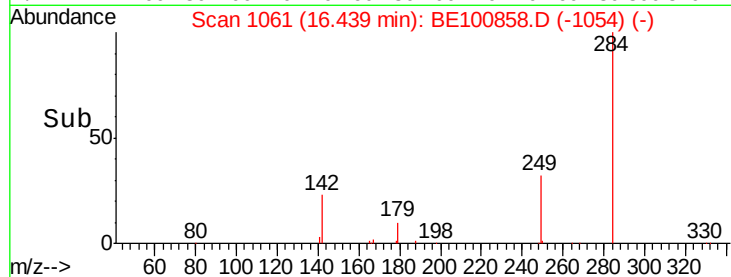
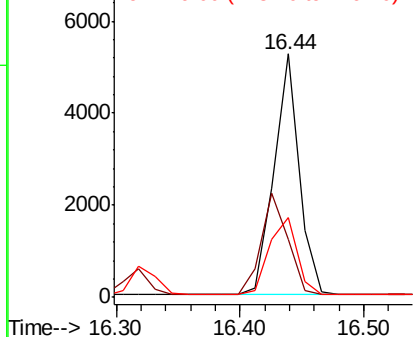
#21
Hexachlorobenzene
Concen: 0.465 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BE100858.D
Acq: 11 Dec 2019 23:03

Instrument :
BNA_E
ClientSampleId :
RE125D1-20191205

Tot Ion:284 Resp: 7378
Ion Ratio Lower Upper
284 100
142 44.2 34.4 51.6
249 35.3 28.5 42.7

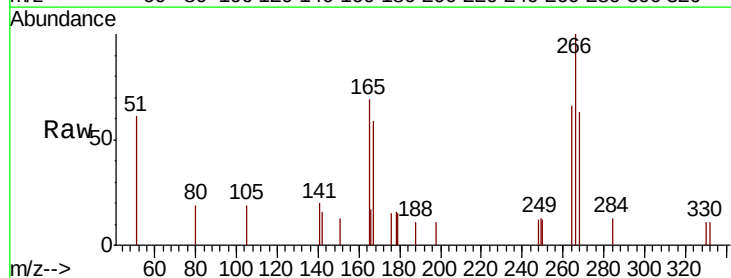


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

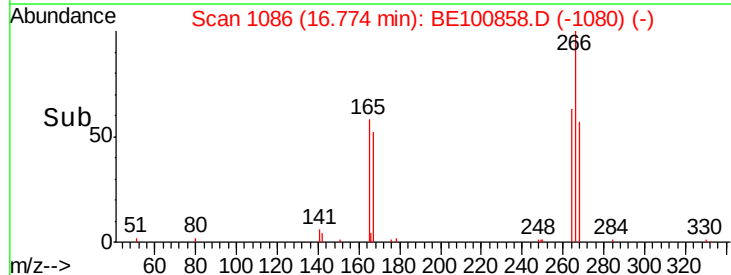
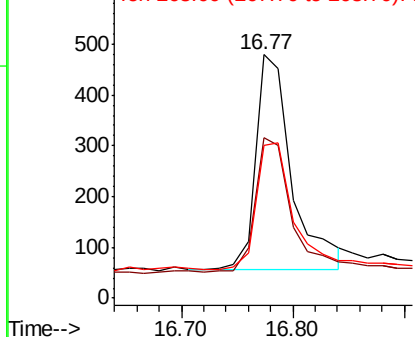


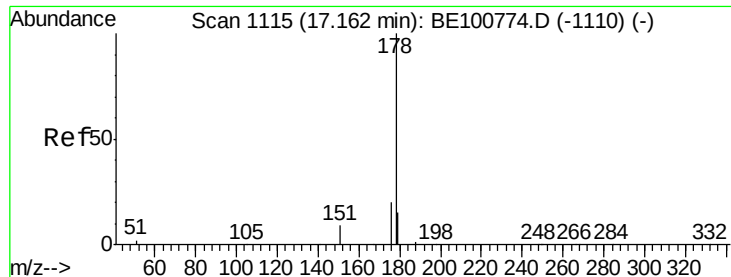
#22
Pentachlorophenol
Concen: 0.878 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE100858.D
Acq: 11 Dec 2019 23:03

Tgt Ion:266 Resp: 963
Ion Ratio Lower Upper
266 100
264 65.8 63.4 95.0
268 63.0 65.8 98.8#



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: 0.457 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

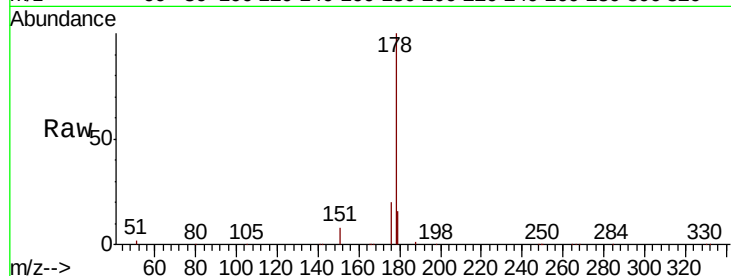
Tot Ion:178 Resp: 41198

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

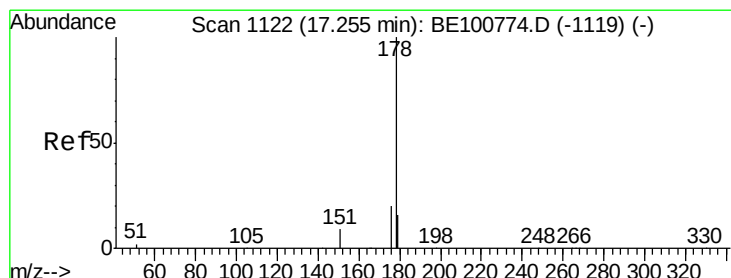
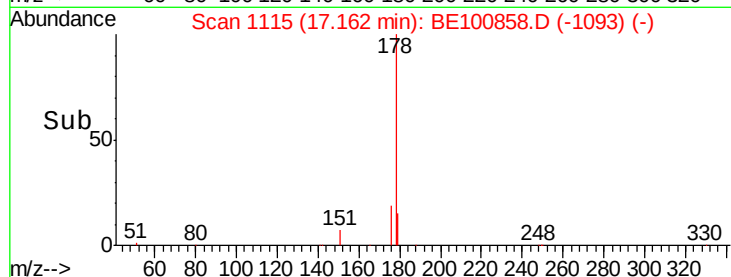
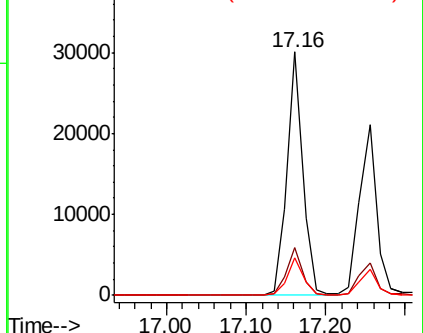
179 15.2 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.420 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

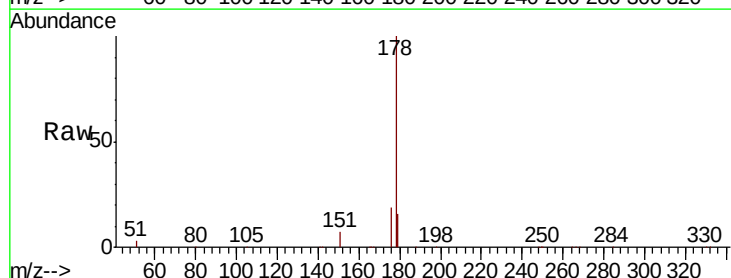
Tgt Ion:178 Resp: 31655

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

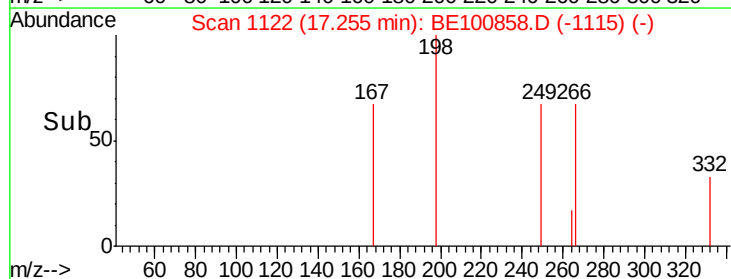
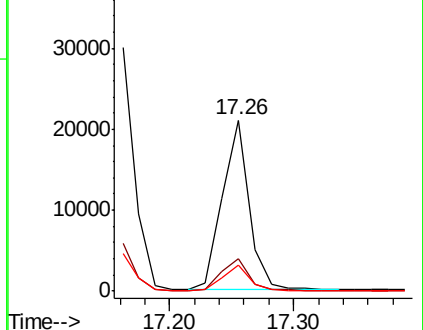
179 15.1 12.7 19.1

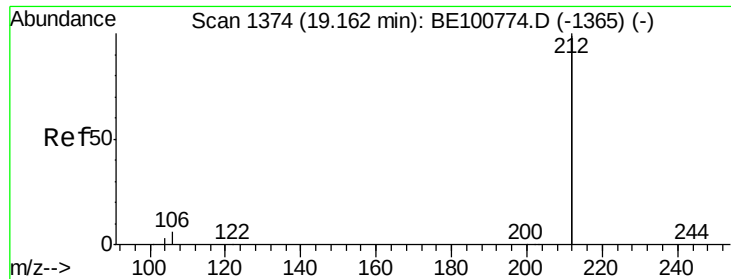


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

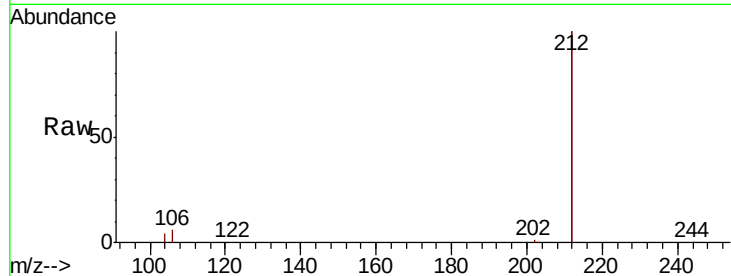
Tot Ion:212 Resp: 131068

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

104 1.9 1.4 2.2

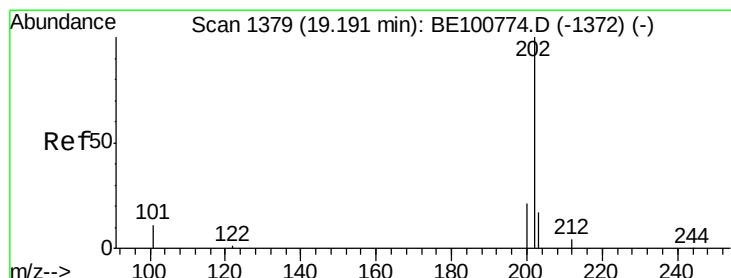
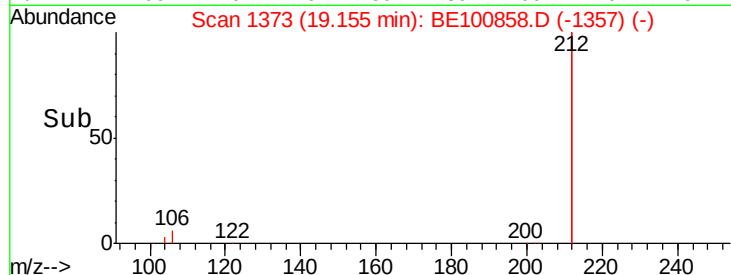
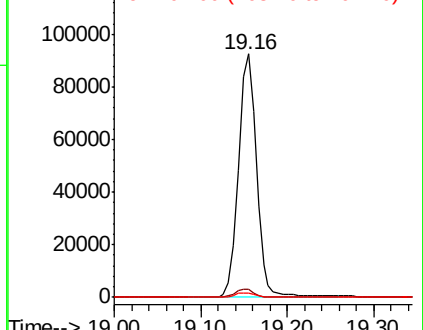


Abundance

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: 0.389 ng

RT: 19.18 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

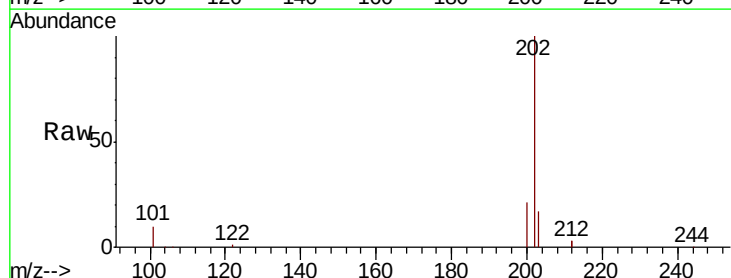
Tgt Ion:202 Resp: 41863

Ion Ratio Lower Upper

202 100

101 11.8 9.1 13.7

203 17.3 13.8 20.6

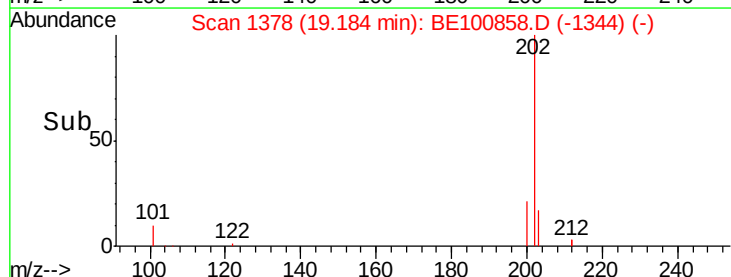
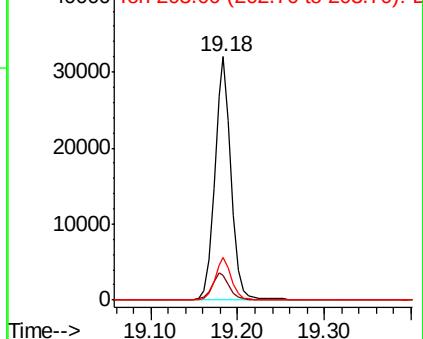


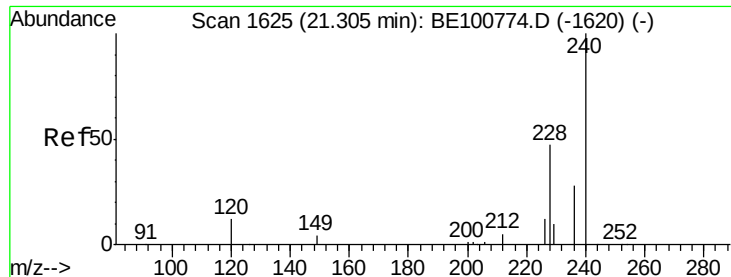
Abundance

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

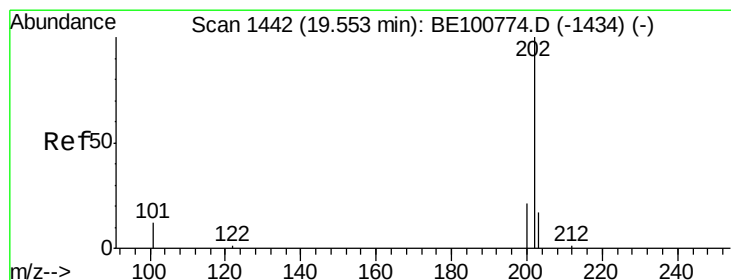
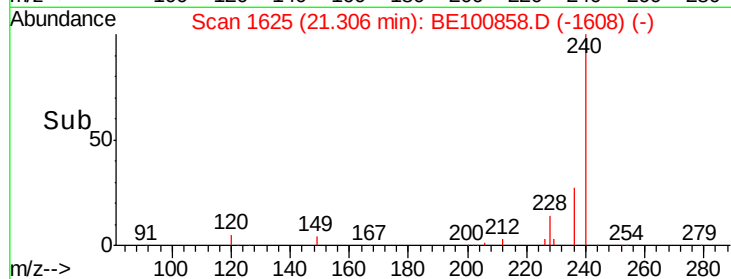
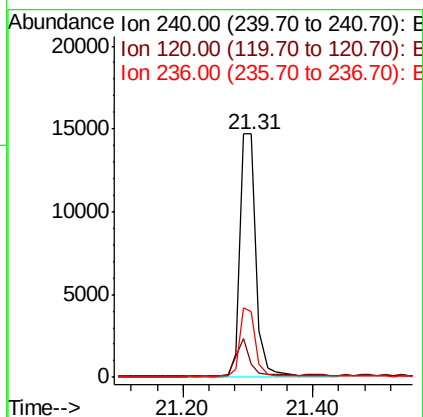
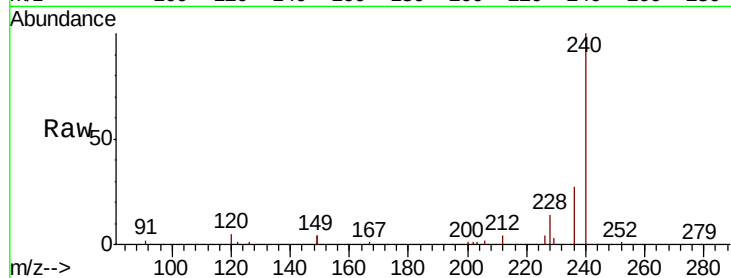




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100858.D
Acq: 11 Dec 2019 23:03

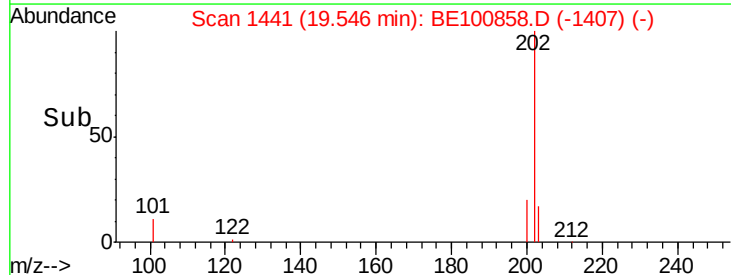
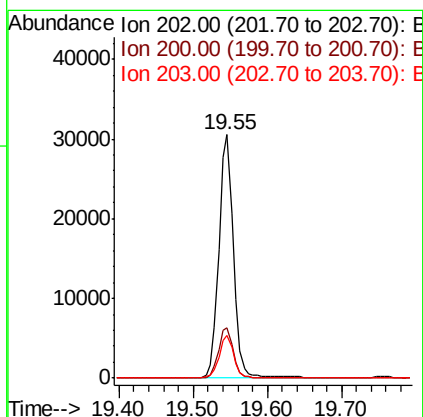
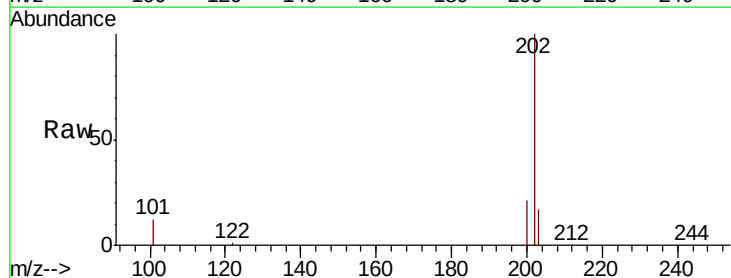
Instrument :
BNA_E
ClientSampleId :
RE125D1-20191205

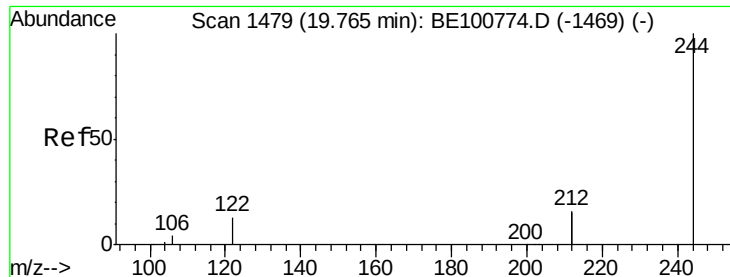
Tot Ion:240 Resp: 25276
Ion Ratio Lower Upper
240 100
120 5.4 10.2 15.2#
236 27.0 22.3 33.5



#28
Pyrene
Concen: 0.503 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE100858.D
Acq: 11 Dec 2019 23:03

Tgt Ion:202 Resp: 41348
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 17.2 13.9 20.9





#29

Terphenyl-d14

Concen: 0.454 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

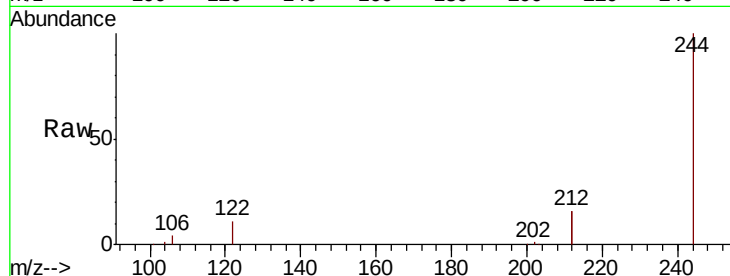
Tot Ion:244 Resp: 27480

Ion Ratio Lower Upper

244 100

212 31.4 26.2 39.4

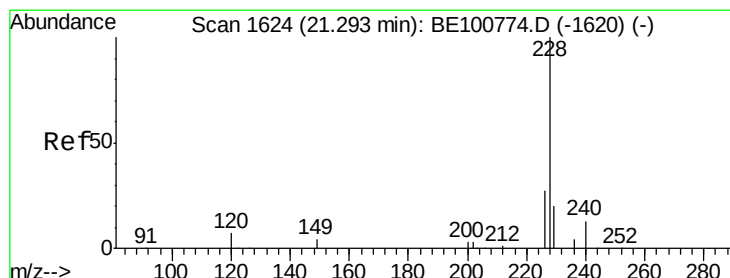
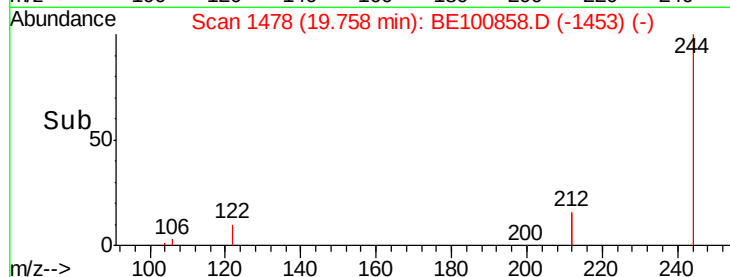
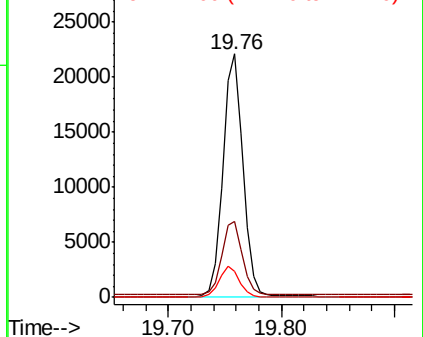
122 10.7 10.2 15.4



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: 0.457 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

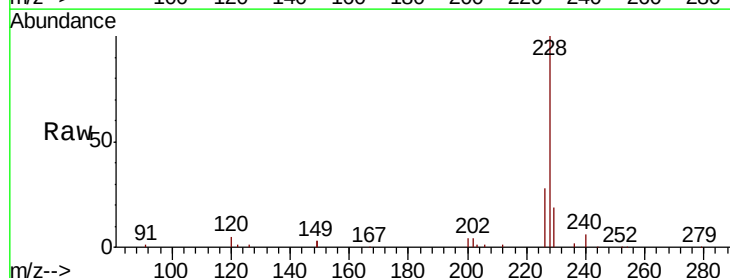
Tgt Ion:228 Resp: 34039

Ion Ratio Lower Upper

228 100

226 28.2 21.5 32.3

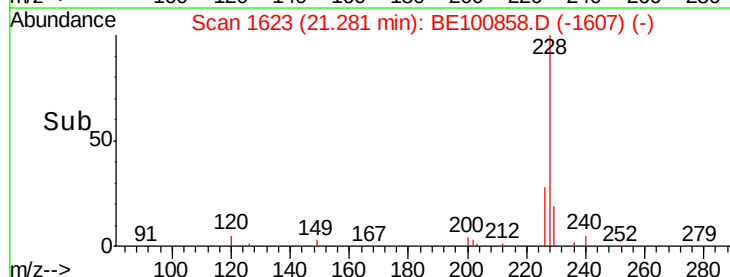
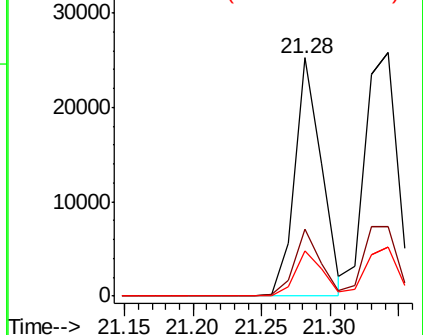
229 19.2 16.0 24.0

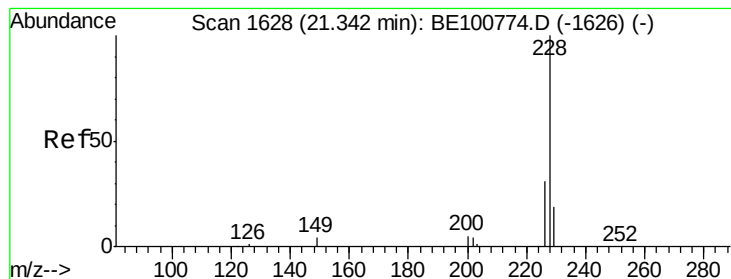


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.484 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

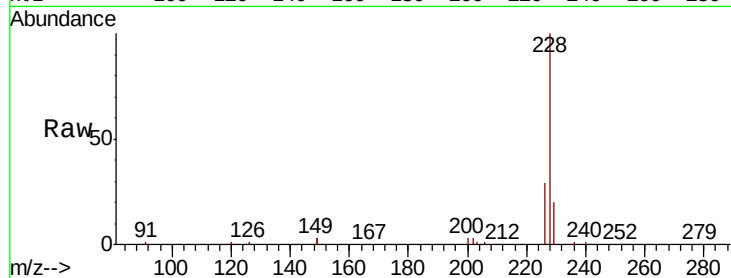
Tot Ion:228 Resp: 42326

Ion Ratio Lower Upper

228 100

226 28.6 25.0 37.4

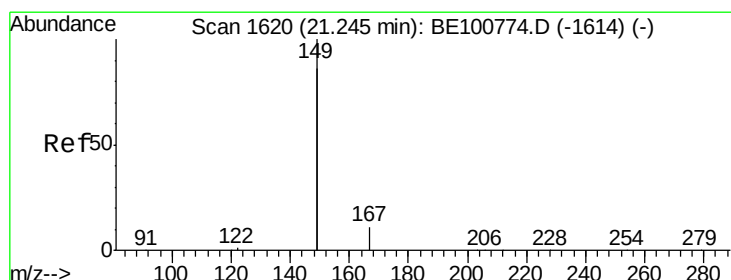
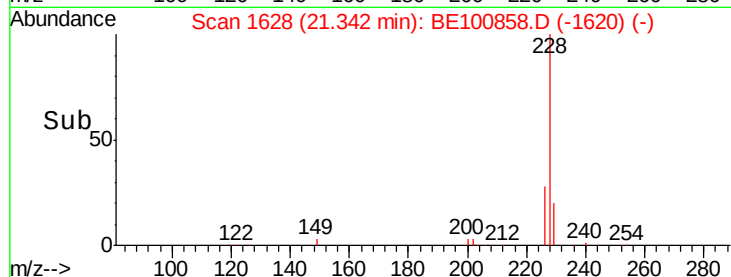
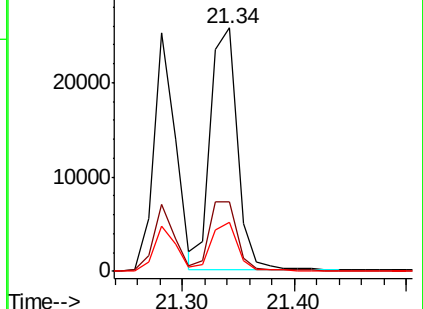
229 20.0 15.4 23.2



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.598 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

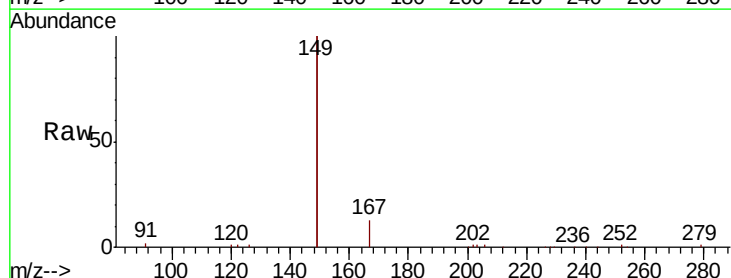
Tgt Ion:149 Resp: 31529

Ion Ratio Lower Upper

149 100

167 6.4 5.0 7.6

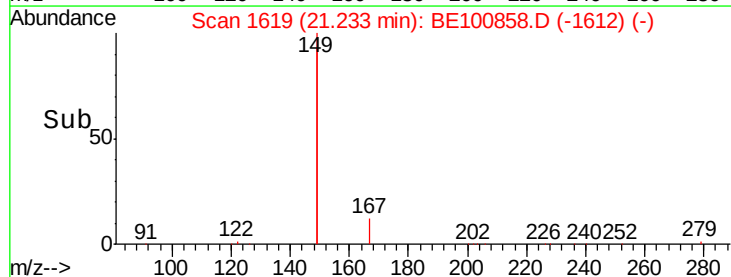
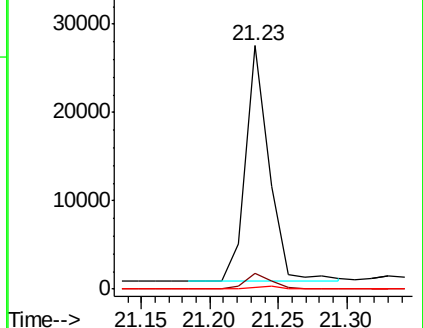
279 0.9 0.7 1.1

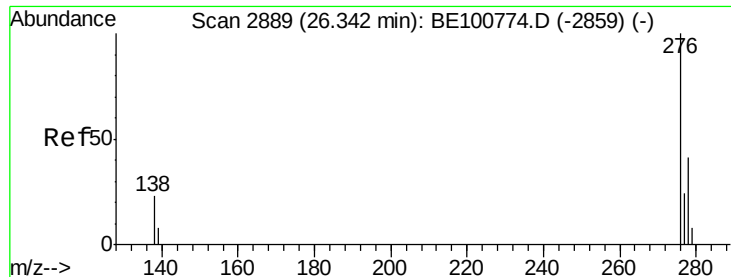


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.495 ng

RT: 26.32 min Scan# 2882

Delta R.T. -0.02 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

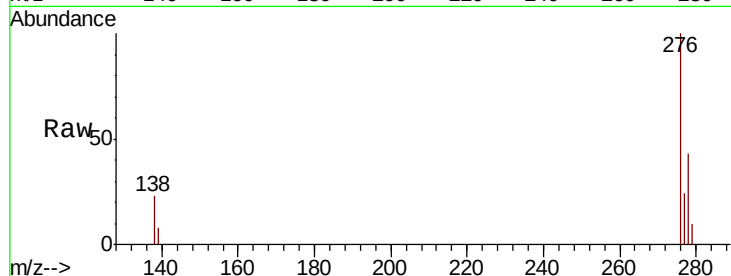
Tot Ion:276 Resp: 37720

Ion Ratio Lower Upper

276 100

138 23.8 19.4 29.0

277 23.9 19.8 29.6

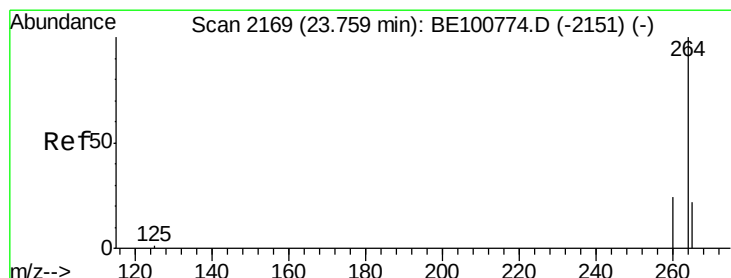
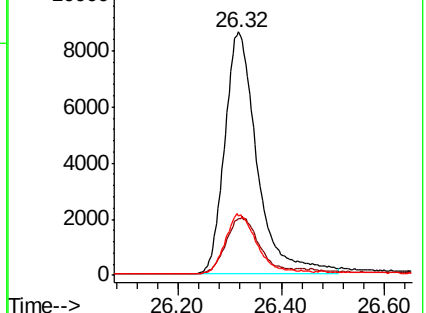
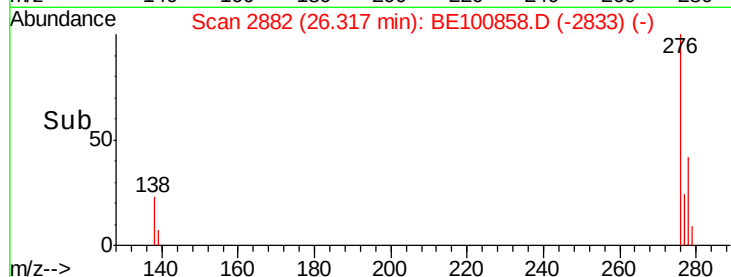


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.75 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

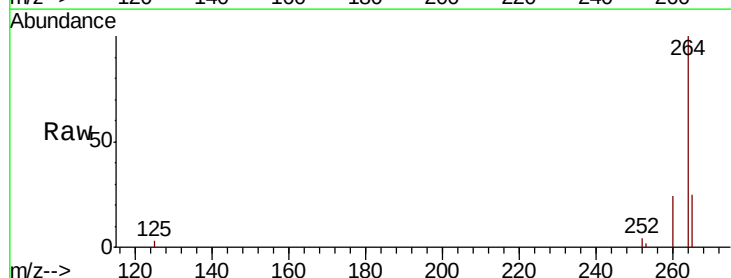
Tgt Ion:264 Resp: 30200

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 25.0 21.8 32.8

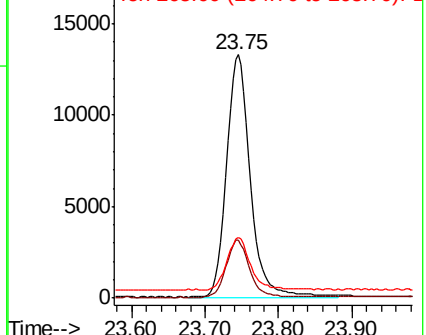
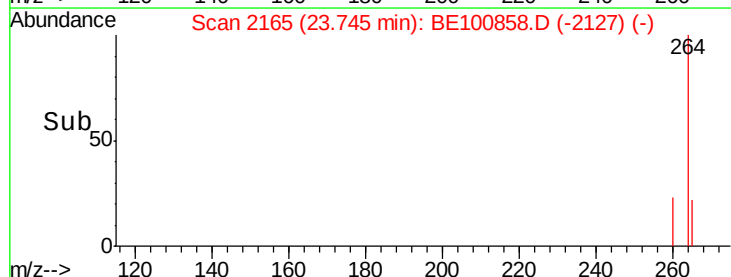


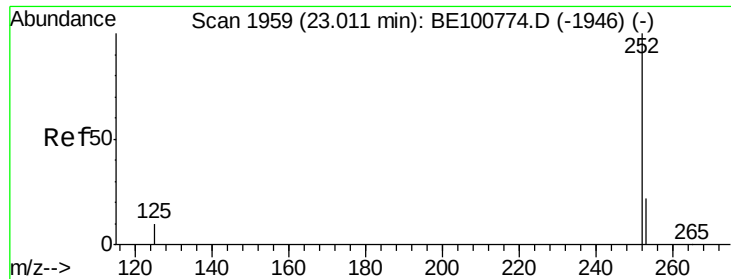
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.429 ng

RT: 23.00 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

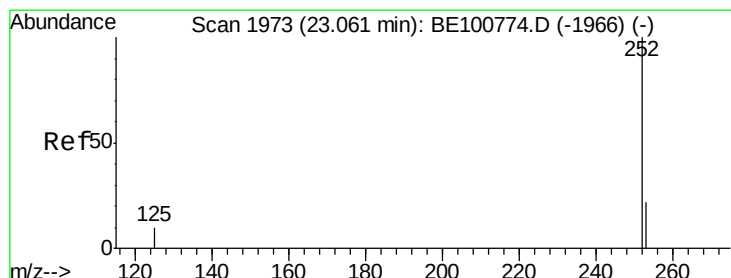
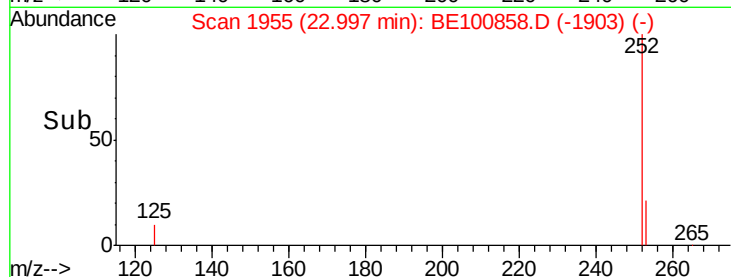
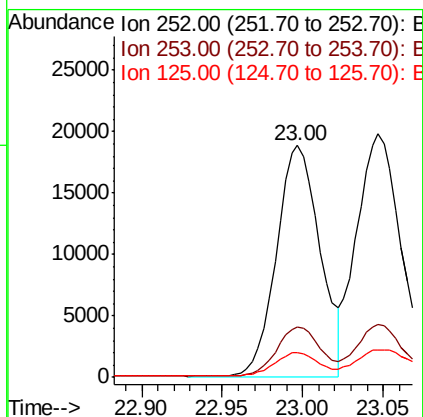
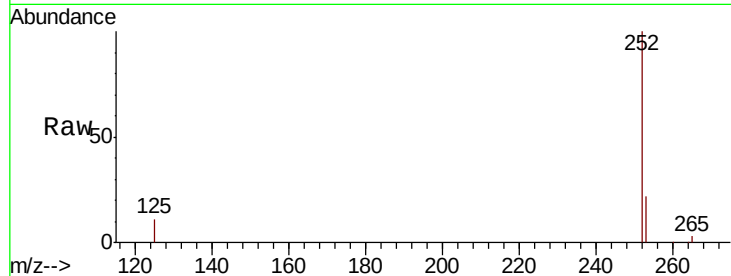
Tot Ion:252 Resp: 35462

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 10.7 9.0 13.4



#36

Benzo(k)fluoranthene

Concen: 0.430 ng

RT: 23.05 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

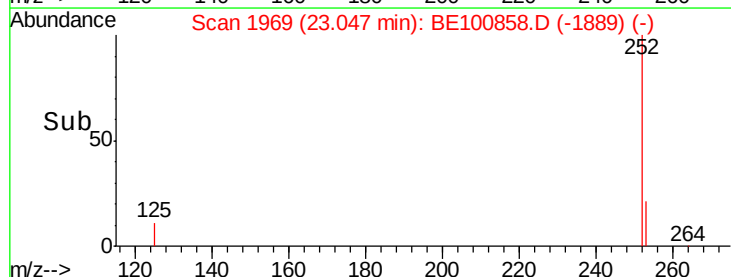
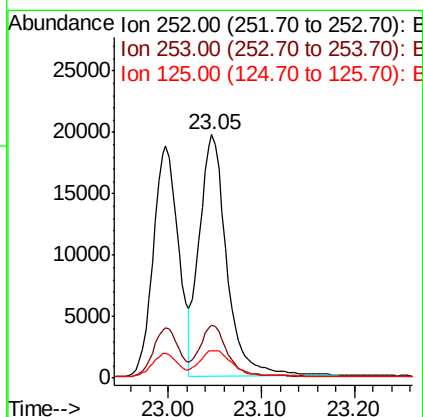
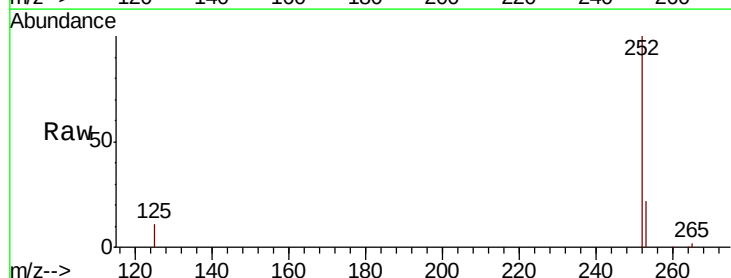
Tgt Ion:252 Resp: 39902

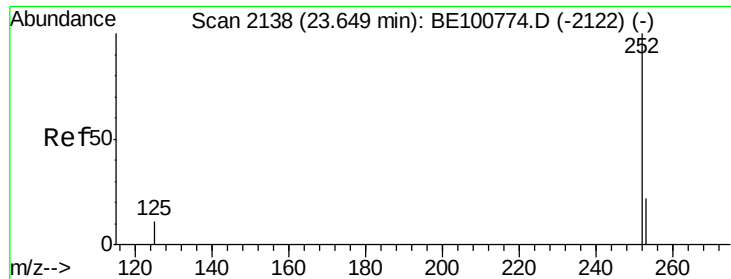
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 11.5 8.7 13.1





#37

Benzo(a)pyrene

Concen: 0.413 ng

RT: 23.63 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

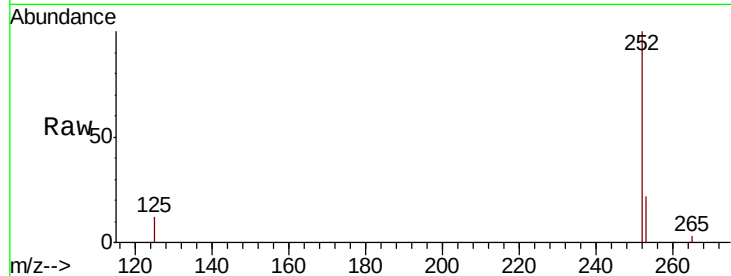
Tot Ion:252 Resp: 29589

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

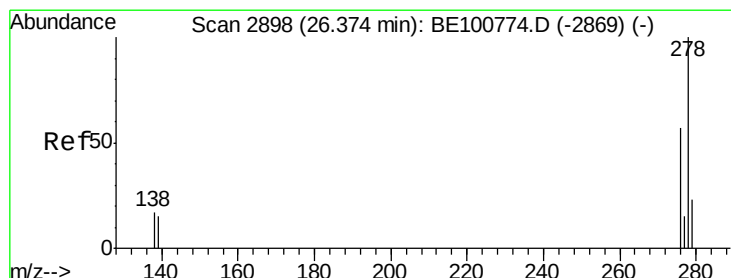
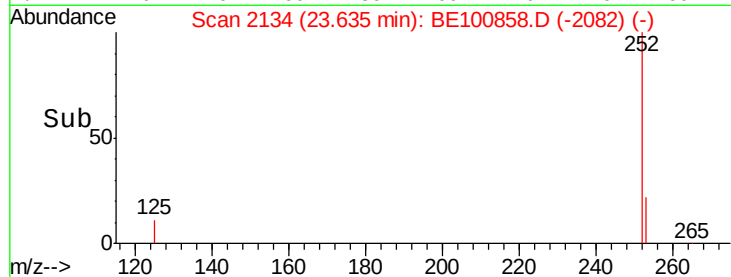
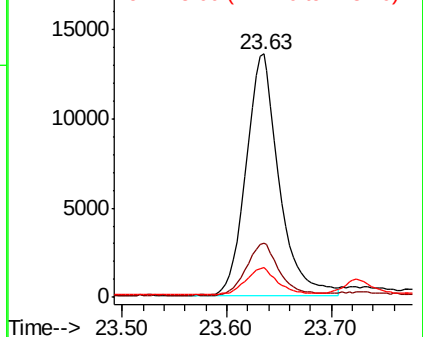
125 12.2 10.4 15.6



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: 0.433 ng

RT: 26.34 min Scan# 2889

Delta R.T. -0.03 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

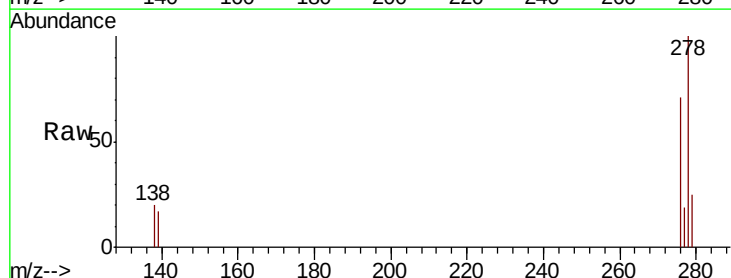
Tgt Ion:278 Resp: 30860

Ion Ratio Lower Upper

278 100

139 16.6 13.0 19.4

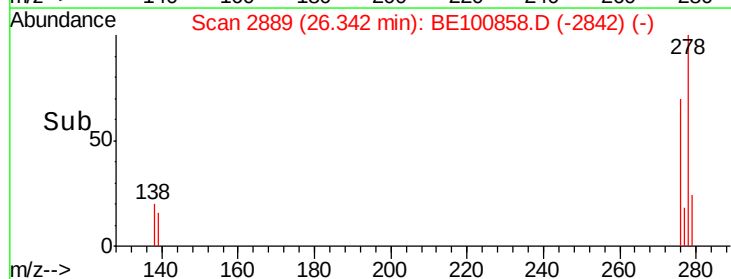
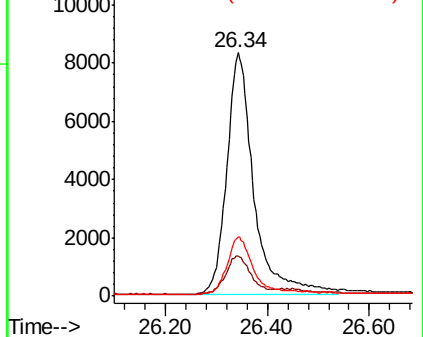
279 24.6 19.6 29.4

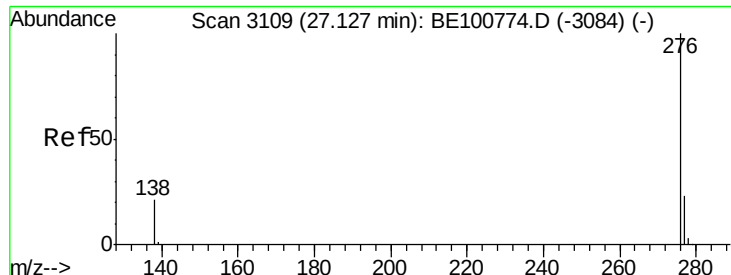


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.435 ng

RT: 27.10 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:03

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

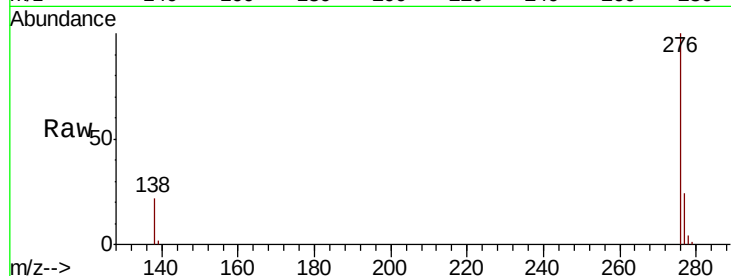
Tot Ion: 276 Resp: 33090

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 22.3 17.8 26.6



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

