

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100842.D
 Acq On : 11 Dec 2019 10:59
 Operator : JU
 Sample : PB125330BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125330BS

Quant Time: Dec 11 11:44:39 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	5625	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	23055	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	10724	0.40	ng	-0.01
19) Phenanthrene-d10	17.12	188	22557	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	23792	0.40	ng	0.00
34) Perylene-d12	23.75	264	26116	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	5721	0.43	ng	0.00
5) Phenol-d6	6.93	99	9064	0.45	ng	0.00
8) Nitrobenzene-d5	8.90	82	5465	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	13190	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	738	0.62	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	16291	0.38	ng	-0.01
25) Fluoranthene-d10	19.16	212	91388	0.34	ng	0.00
29) Terphenyl-d14	19.76	244	19239	0.34	ng	0.00

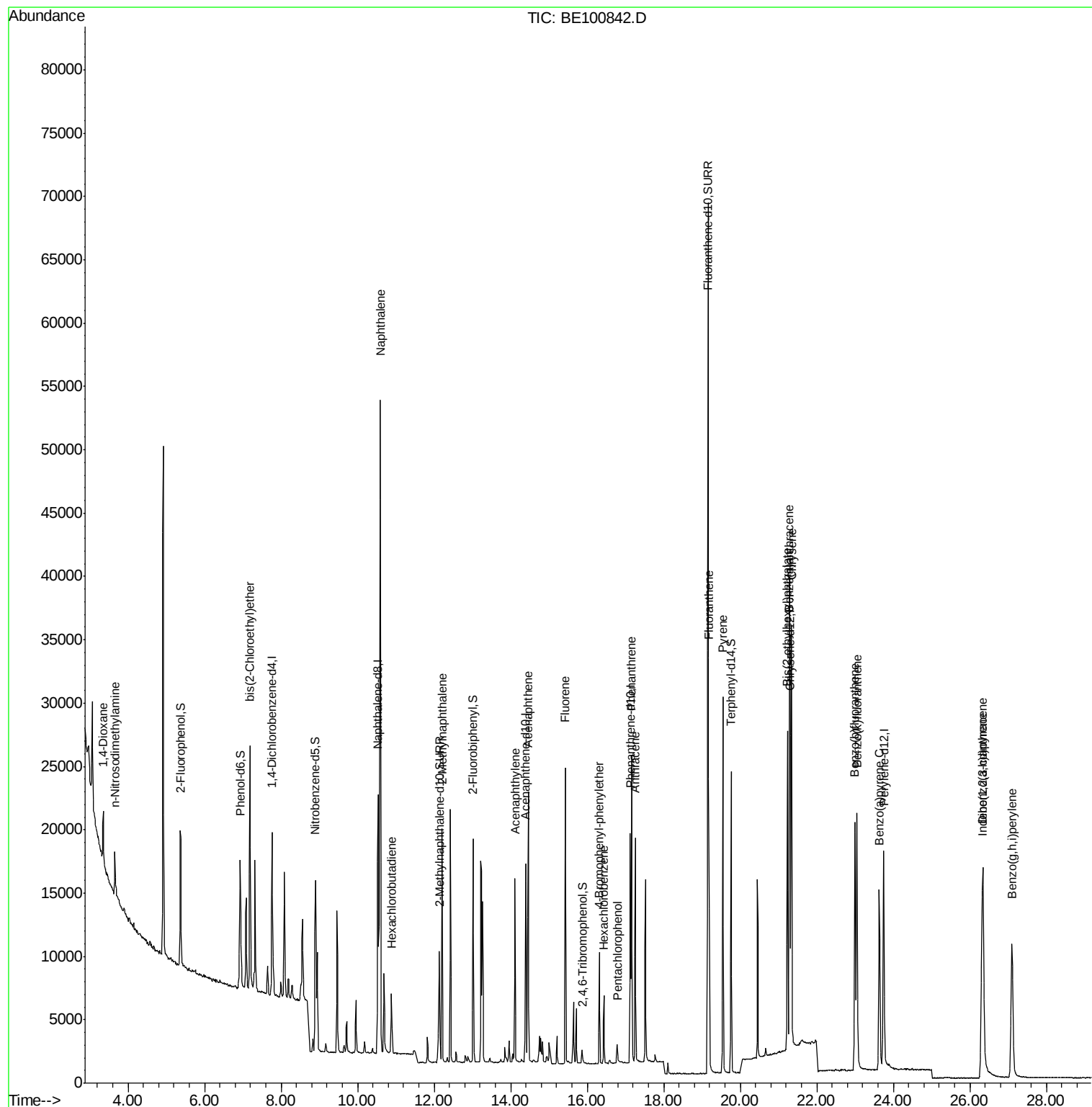
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	2765	0.270	ng	# 53
3) n-Nitrosodimethylamine	3.65	42	2947	0.353	ng	87
6) bis(2-Chloroethyl)ether	7.18	93	6827	0.351	ng	100
9) Naphthalene	10.59	128	87408	0.357	ng	100
10) Hexachlorobutadiene	10.89	225	3246	0.340	ng	95
12) 2-Methylnaphthalene	12.21	142	12992	0.340	ng	97
16) Acenaphthylene	14.11	152	15902	0.358	ng	100
17) Acenaphthene	14.46	154	10701	0.350	ng	98
18) Fluorene	15.42	166	12957	0.329	ng	98
20) 4-Bromophenyl-phenylether	16.32	248	3515	0.318	ng	# 75
21) Hexachlorobenzene	16.44	284	3791	0.315	ng	96
22) Pentachlorophenol	16.79	266	1021	1.228	ng	# 82
23) Phenanthrene	17.16	178	23092	0.338	ng	100
24) Anthracene	17.26	178	18362	0.321	ng	99
26) Fluoranthene	19.18	202	26761	0.328	ng	99
28) Pyrene	19.55	202	27063	0.350	ng	100
30) Benzo(a)anthracene	21.28	228	27351	0.390	ng	97
31) Chrysene	21.34	228	29759	0.361	ng	98
32) Bis(2-ethylhexyl)phthalate	21.23	149	26312	0.533	ng	100
33) Indeno(1,2,3-cd)pyrene	26.32	276	28326	0.395	ng	100
35) Benzo(b)fluoranthene	23.00	252	27422	0.384	ng	100
36) Benzo(k)fluoranthene	23.05	252	30051	0.375	ng	99
37) Benzo(a)pyrene	23.63	252	24381	0.394	ng	98
38) Dibenzo(a,h)anthracene	26.35	278	23756	0.386	ng	99
39) Benzo(g,h,i)perylene	27.10	276	26127	0.397	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
Data File : BE100842.D
Acq On : 11 Dec 2019 10:59
Operator : JU
Sample : PB125330BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Quant Time: Dec 11 11:44:39 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



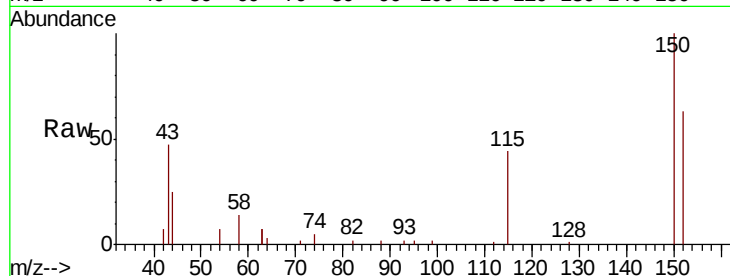


#1

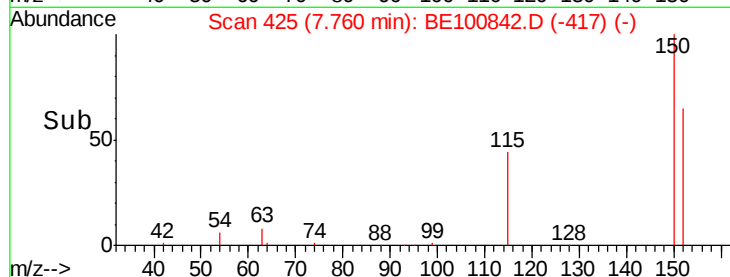
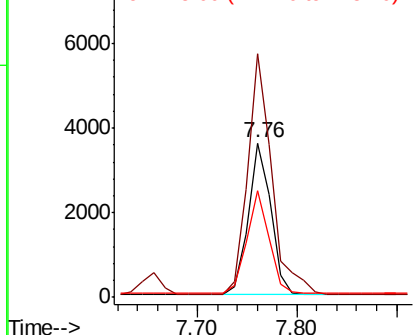
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tot Ion:152 Resp: 5625
Ion Ratio Lower Upper
152 100
150 157.6 120.6 181.0
115 69.2 47.4 71.2



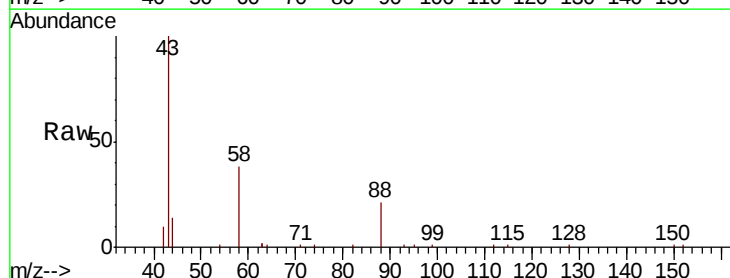
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



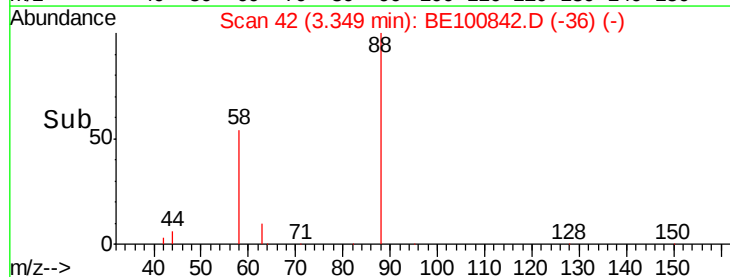
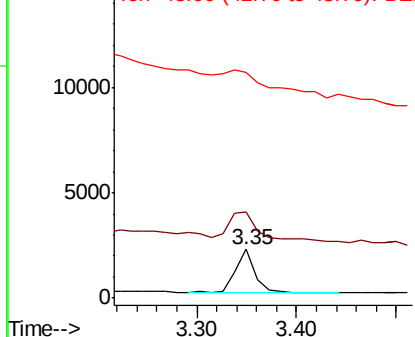
#2

1,4-Dioxane
Concen: 0.270 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion: 88 Resp: 2765
Ion Ratio Lower Upper
88 100
58 99.9 52.5 78.7#
43 0.0 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



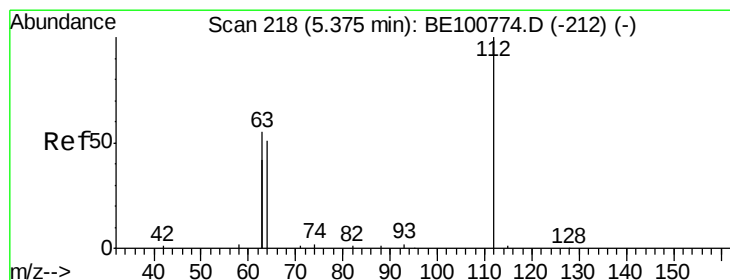
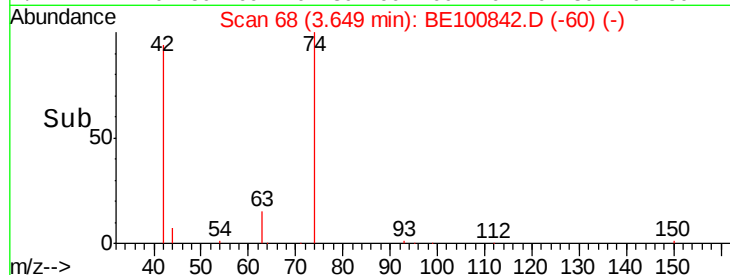
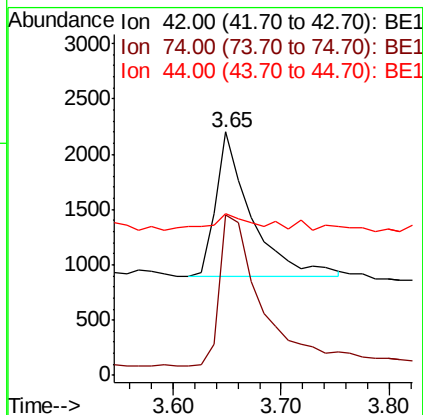
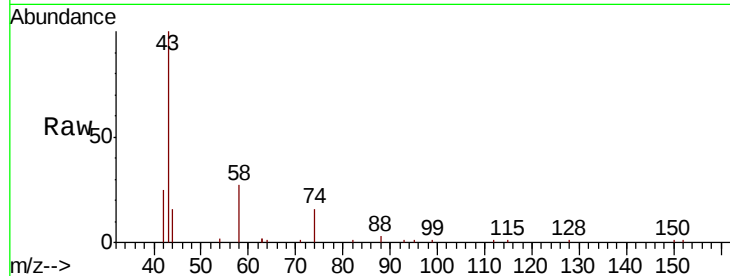


#3

n-Nitrosodimethylamine
 Concen: 0.353 ng
 RT: 3.65 min Scan# 68
 Delta R.T. -0.01 min
 Lab File: BE100842.D
 Acq: 11 Dec 2019 10:59

Instrument :
 BNA_E
 ClientSampleId :
 PB125330BS

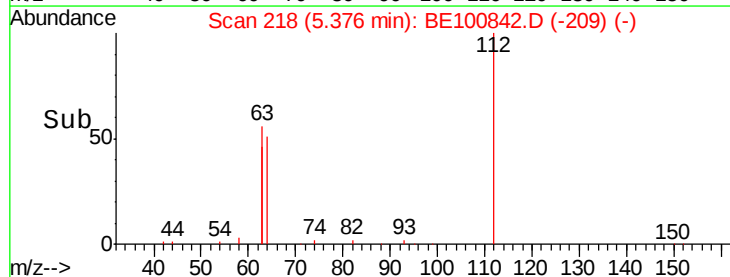
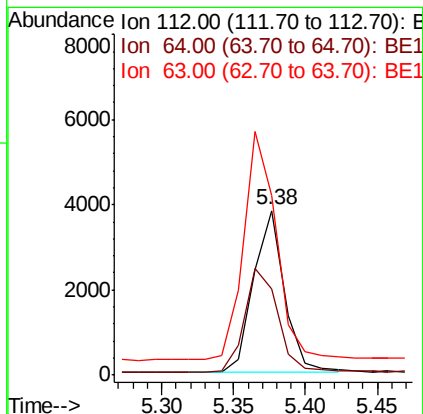
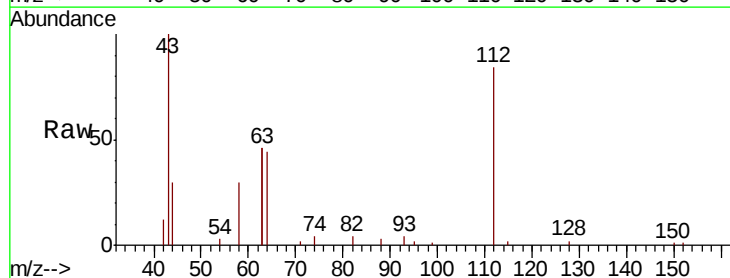
Tot Ion: 42 Resp: 2947
 Ion Ratio Lower Upper
 42 100
 74 122.4 86.3 129.5
 44 12.0 11.6 17.4



#4

2-Fluorophenol
 Concen: 0.429 ng
 RT: 5.38 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: BE100842.D
 Acq: 11 Dec 2019 10:59

Tgt Ion: 112 Resp: 5721
 Ion Ratio Lower Upper
 112 100
 64 68.5 54.1 81.1
 63 146.0 113.2 169.8





#5

Phenol-d6

Concen: 0.450 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB125330BS

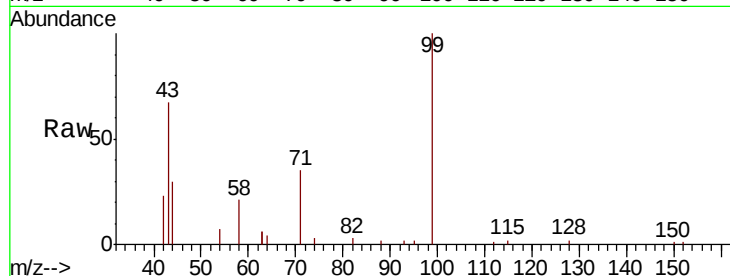
Tot Ion: 99 Resp: 9064

Ion Ratio Lower Upper

99 100

42 24.8 19.1 28.7

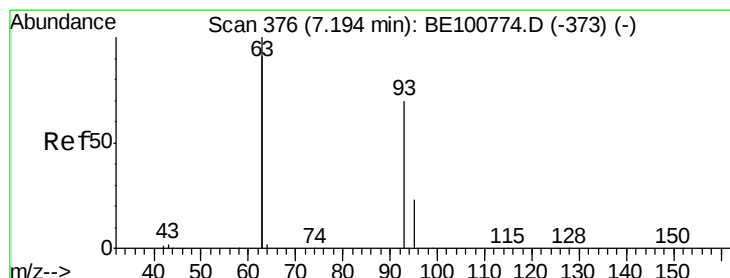
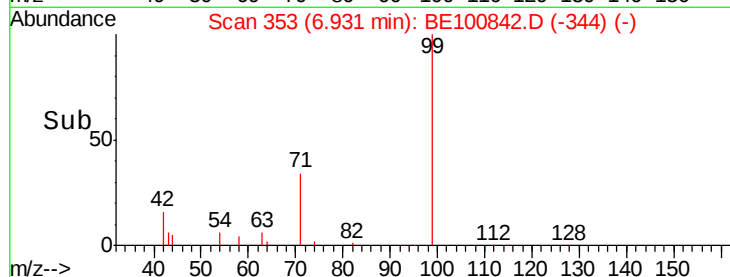
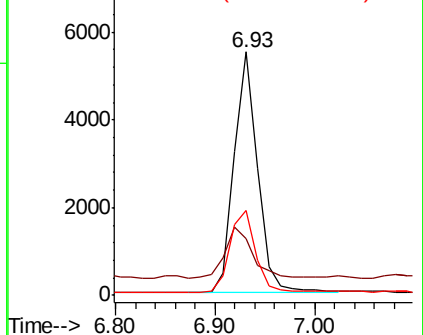
71 37.1 27.7 41.5



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: 0.351 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

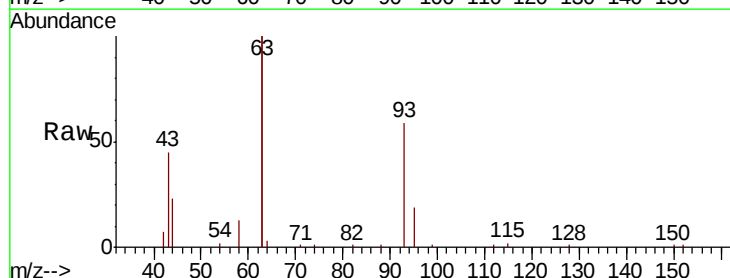
Tgt Ion: 93 Resp: 6827

Ion Ratio Lower Upper

93 100

63 324.0 259.4 389.0

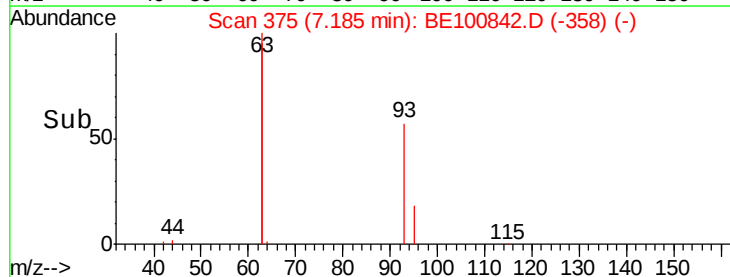
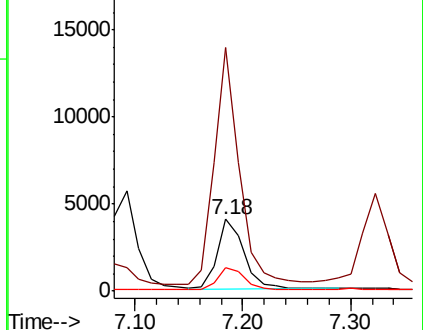
95 32.4 26.2 39.2



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: BE100842.D

Acq: 11 Dec 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB125330BS

Tot Ion:136 Resp: 23055

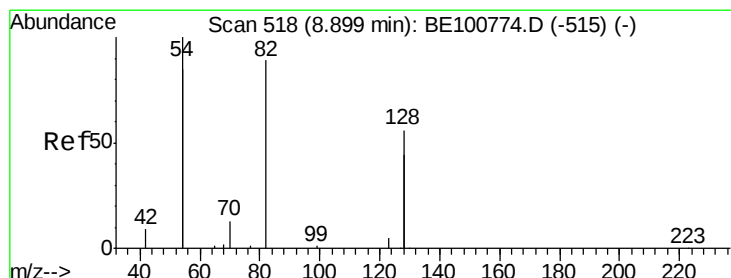
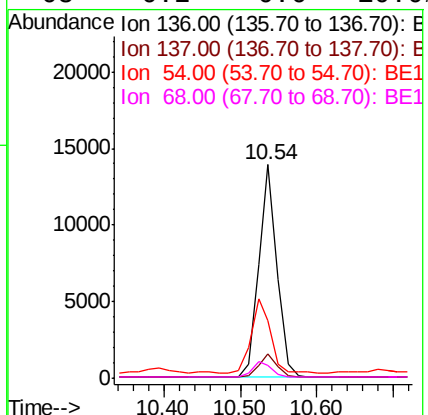
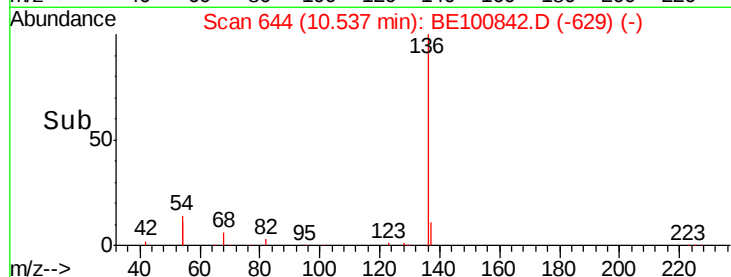
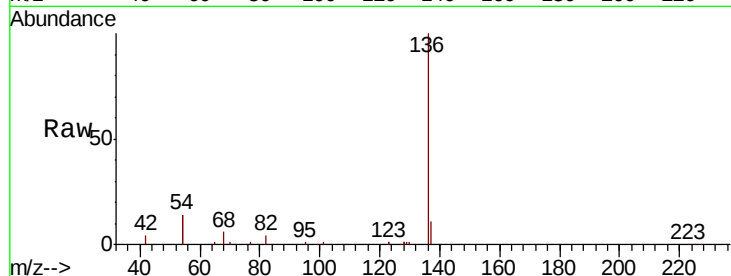
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 27.0 31.1 46.7#

68 6.2 6.6 10.0#



#8

Nitrobenzene-d5

Concen: 0.498 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

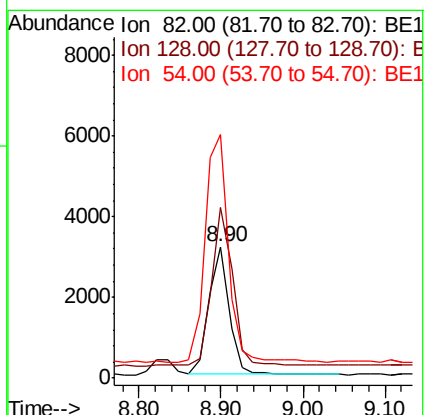
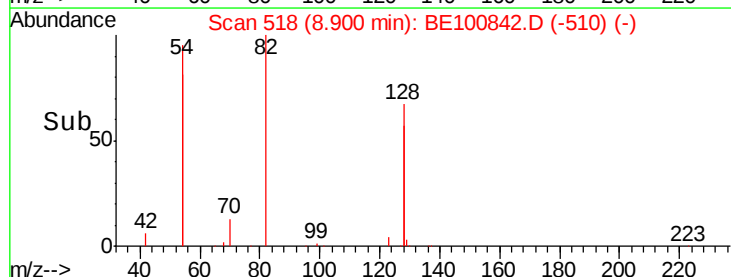
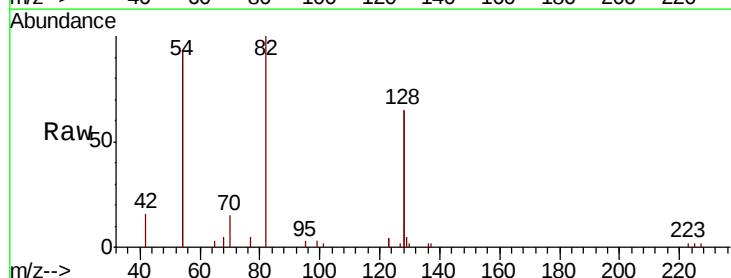
Tgt Ion: 82 Resp: 5465

Ion Ratio Lower Upper

82 100

128 130.0 97.0 145.4

54 185.2 171.8 257.6





#9

Naphthalene

Concen: 0.357 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB125330BS

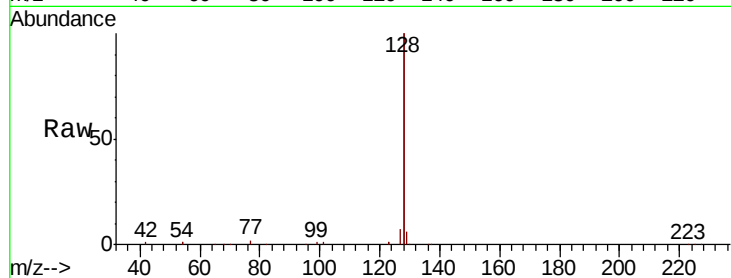
Tot Ion:128 Resp: 87408

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

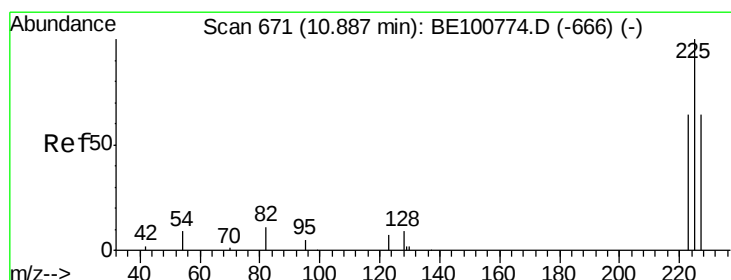
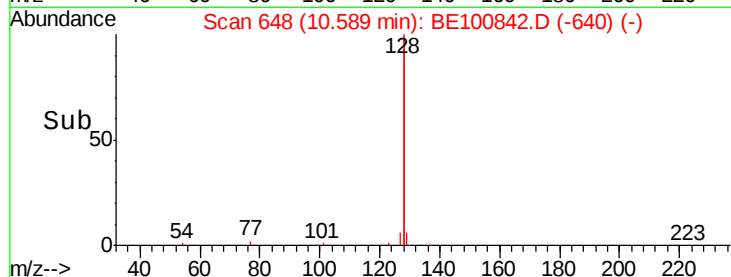
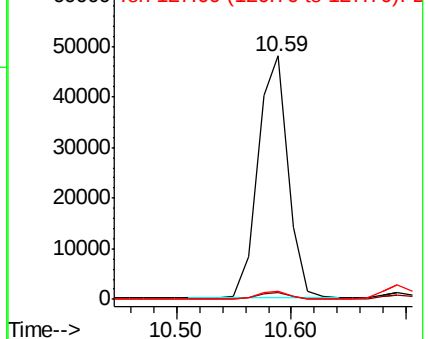
127 3.3 2.7 4.1



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: 0.340 ng

RT: 10.89 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

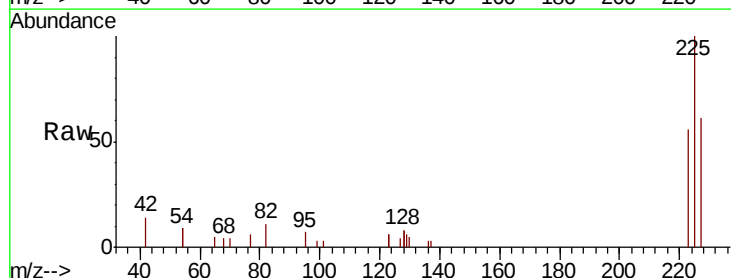
Tgt Ion:225 Resp: 3246

Ion Ratio Lower Upper

225 100

223 59.5 49.9 74.9

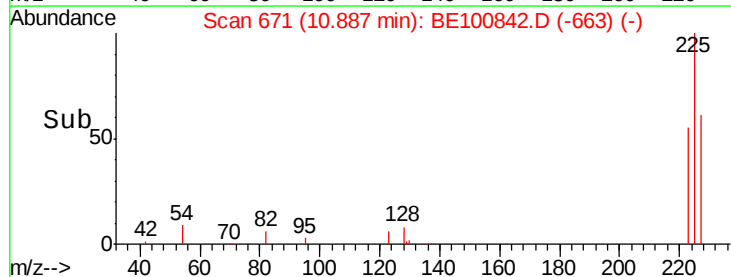
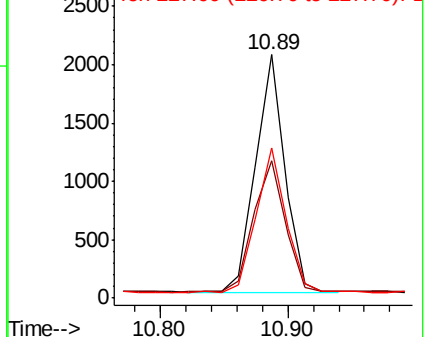
227 60.7 52.2 78.4



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: 0.395 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

Instrument :

BNA_E

ClientSampleId :

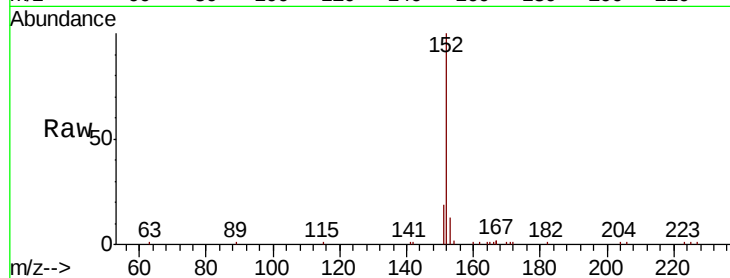
PB125330BS

Tot Ion:152 Resp: 13190

Ion Ratio Lower Upper

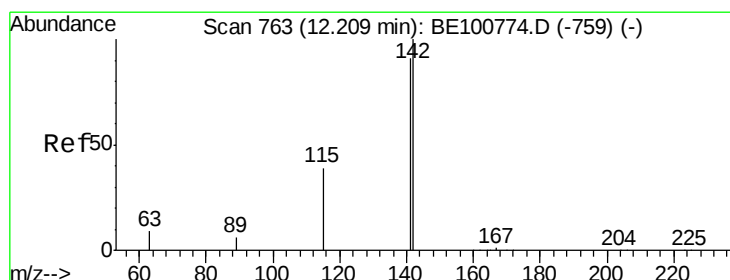
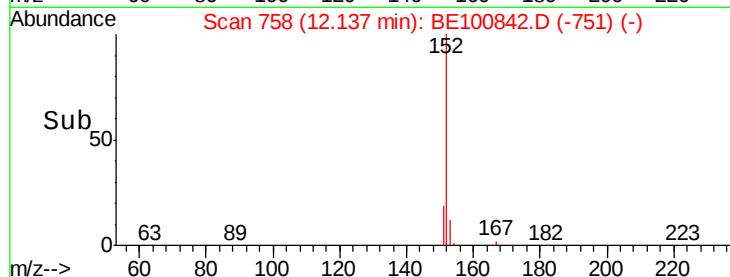
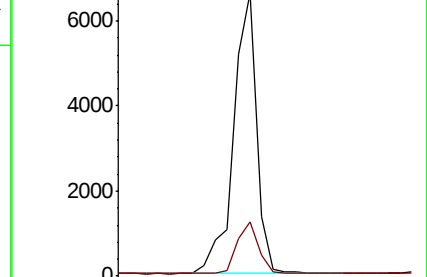
152 100

151 17.6 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: 0.340 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

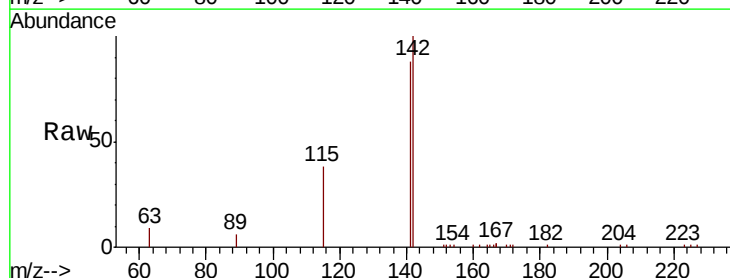
Tgt Ion:142 Resp: 12992

Ion Ratio Lower Upper

142 100

141 88.0 72.6 108.8

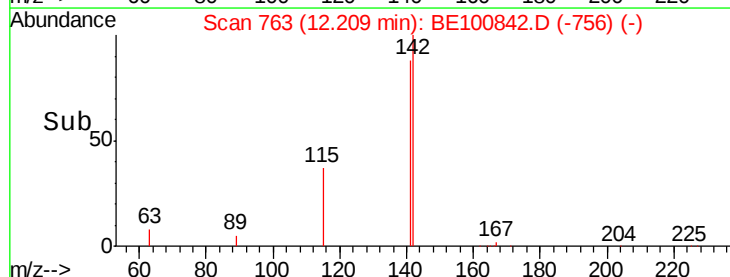
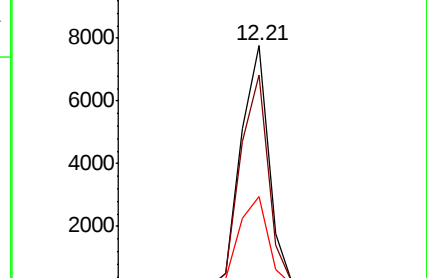
115 38.2 31.8 47.6



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: 14.38 min Scan# 914

Delta R.T. -0.01 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB125330BS

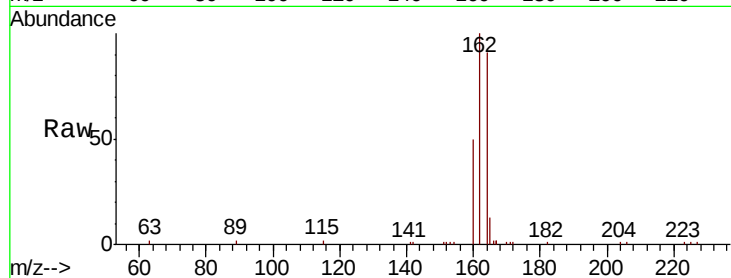
Tot Ion:164 Resp: 10724

Ion Ratio Lower Upper

164 100

162 110.3 81.4 122.0

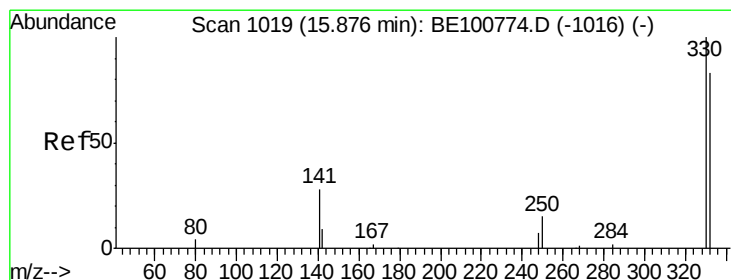
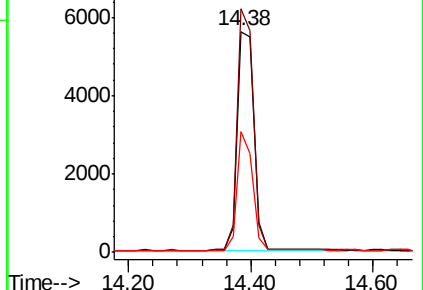
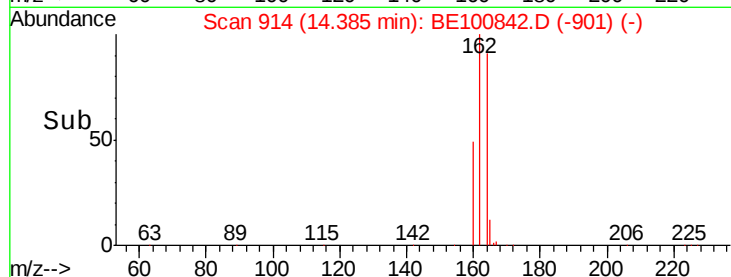
160 54.7 39.4 59.0



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: 0.619 ng

RT: 15.88 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

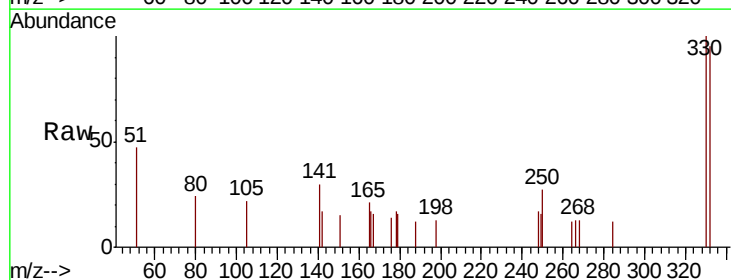
Tgt Ion:330 Resp: 738

Ion Ratio Lower Upper

330 100

332 91.6 69.4 104.2

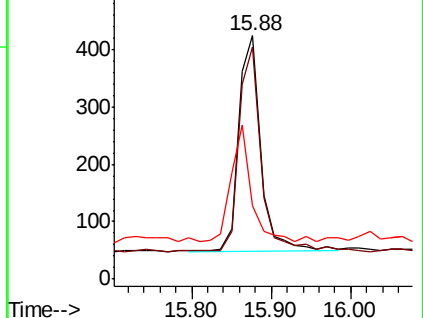
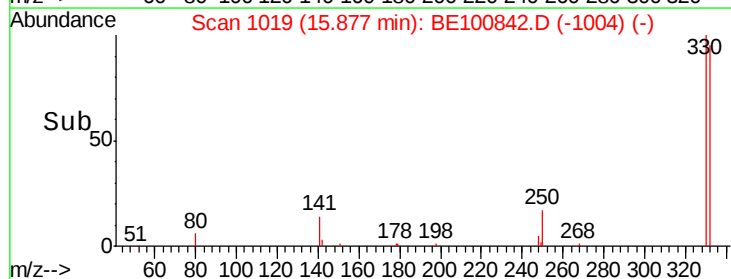
141 48.6 51.1 76.7#



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

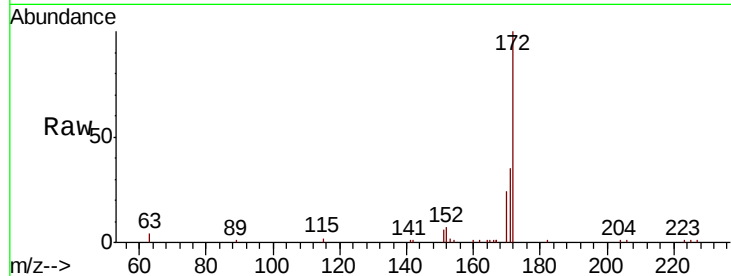




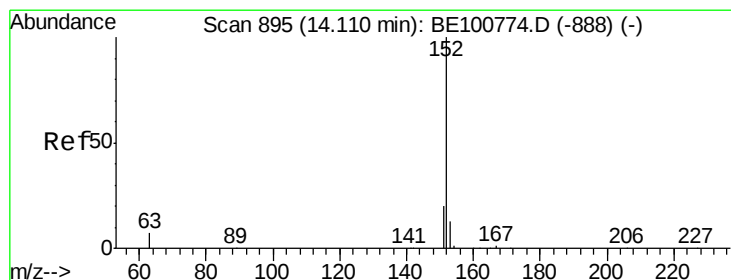
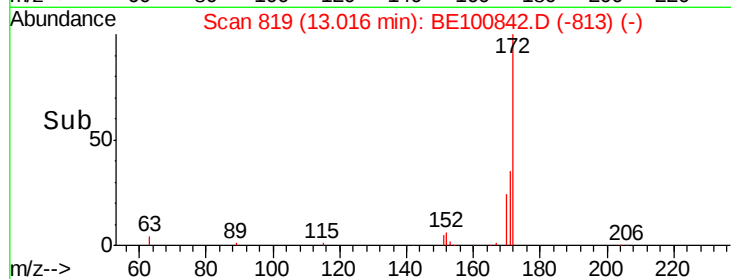
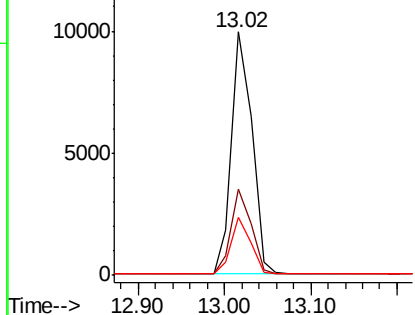
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tot Ion:172 Resp: 16291
Ion Ratio Lower Upper
172 100
171 35.3 27.2 40.8
170 24.0 18.0 27.0

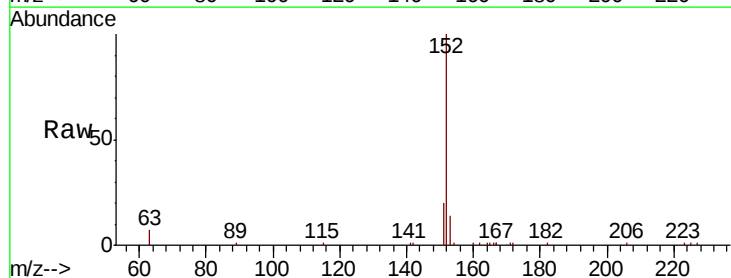


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

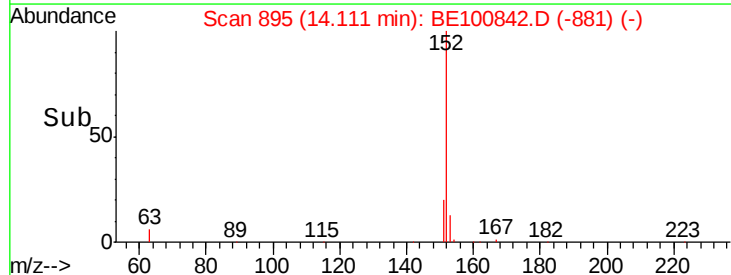
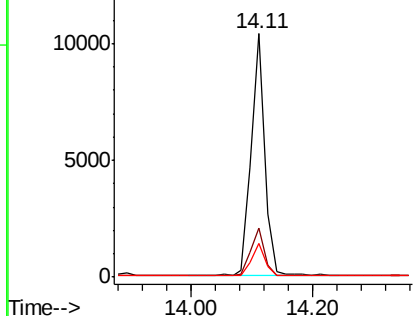


#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:152 Resp: 15902
Ion Ratio Lower Upper
152 100
151 19.6 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: 0.350 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB125330BS

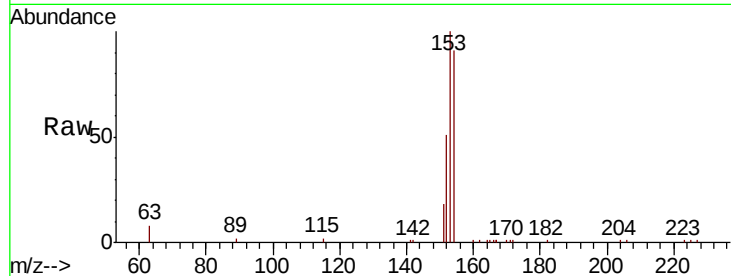
Tot Ion:154 Resp: 10701

Ion Ratio Lower Upper

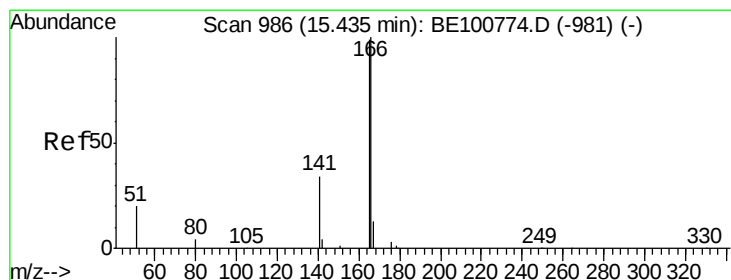
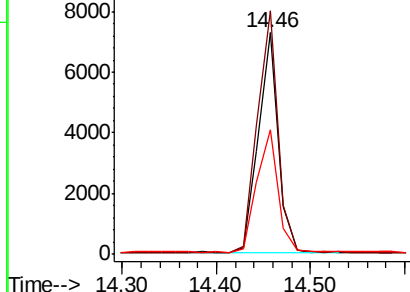
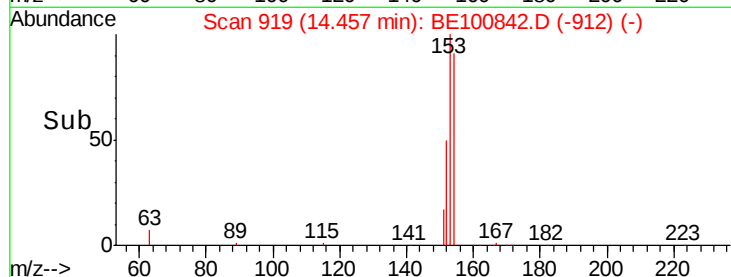
154 100

153 113.4 92.2 138.2

152 59.1 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: 0.329 ng

RT: 15.42 min Scan# 985

Delta R.T. -0.01 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

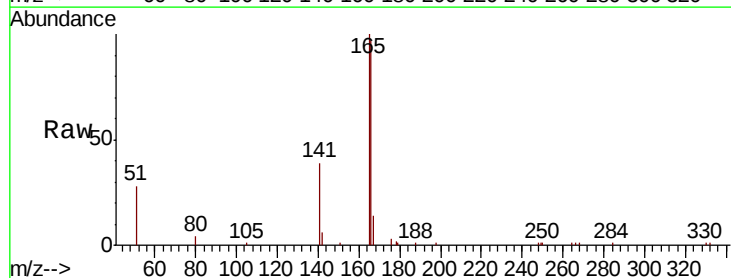
Tgt Ion:166 Resp: 12957

Ion Ratio Lower Upper

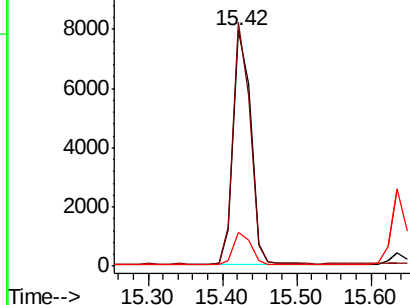
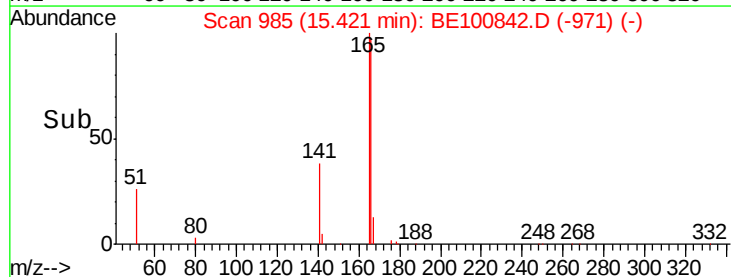
166 100

165 98.8 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: BE100842.D

Acq: 11 Dec 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB125330BS

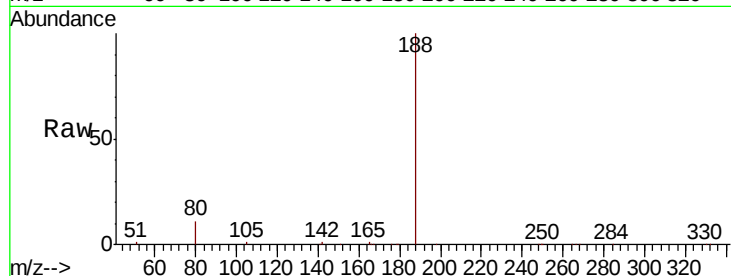
Tot Ion:188 Resp: 22557

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

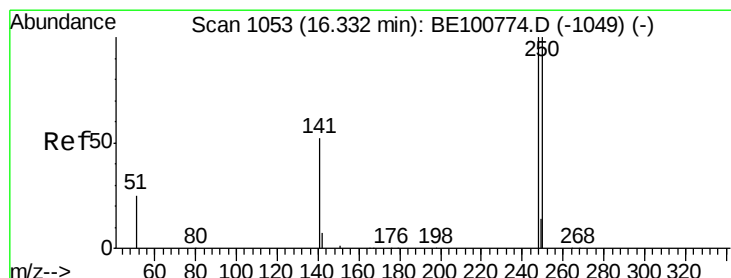
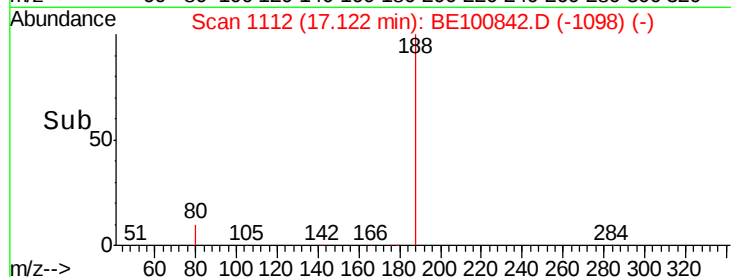
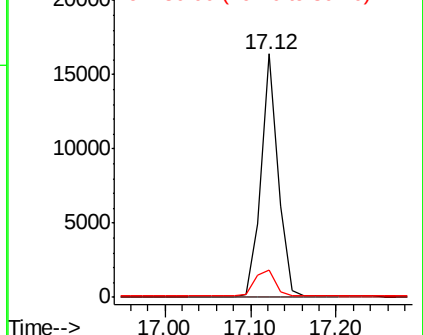
80 11.0 5.2 7.8#



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: 0.318 ng

RT: 16.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

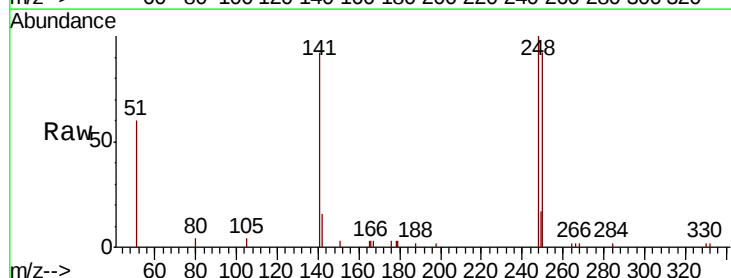
Tgt Ion:248 Resp: 3515

Ion Ratio Lower Upper

248 100

250 91.6 80.5 120.7

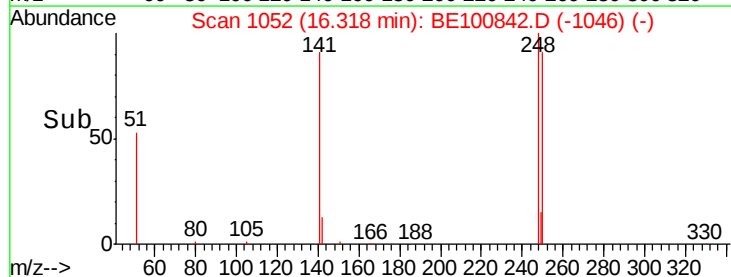
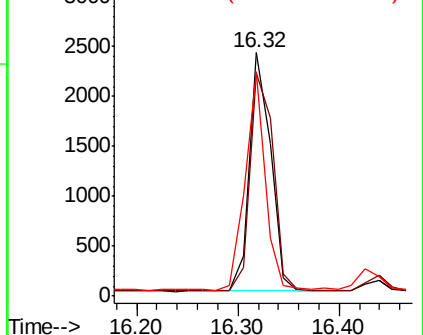
141 92.2 42.6 64.0#

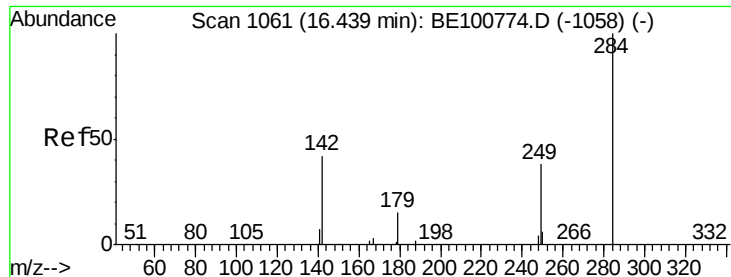


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

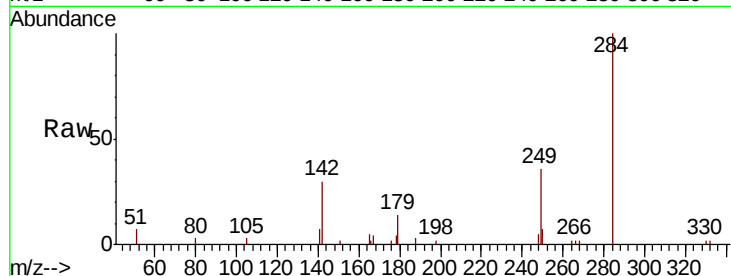




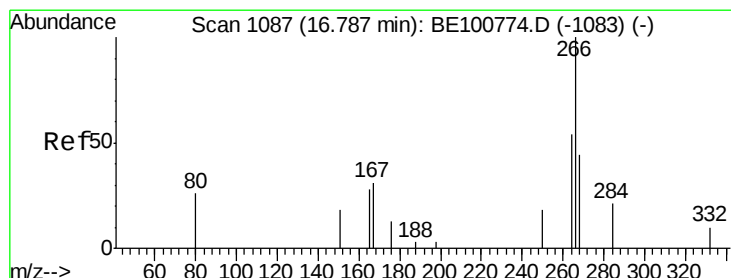
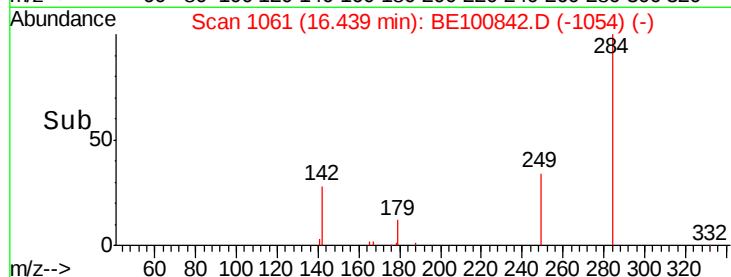
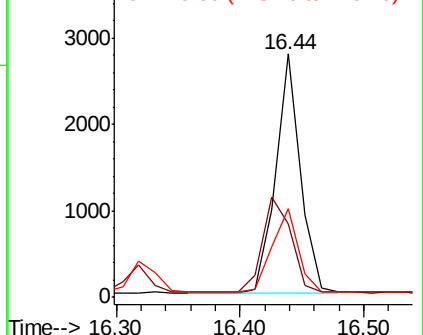
#21
Hexachlorobenzene
Concen: 0.315 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tot Ion:284 Resp: 3791
Ion Ratio Lower Upper
284 100
142 46.0 34.4 51.6
249 37.0 28.5 42.7

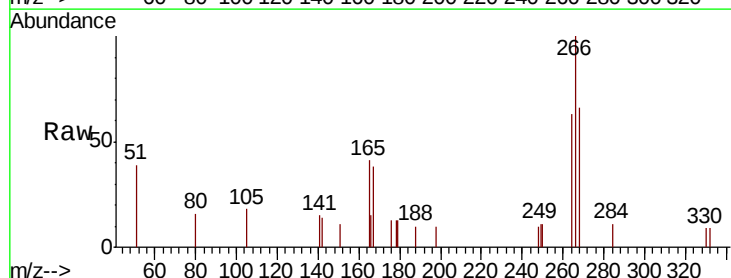


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

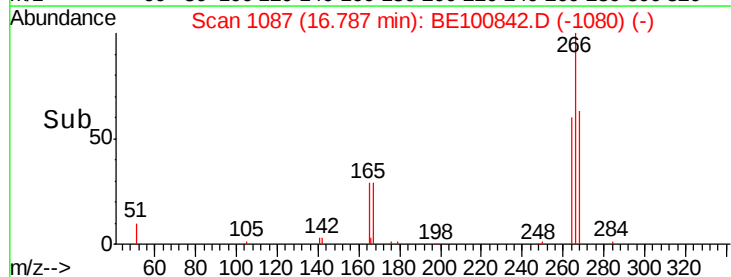
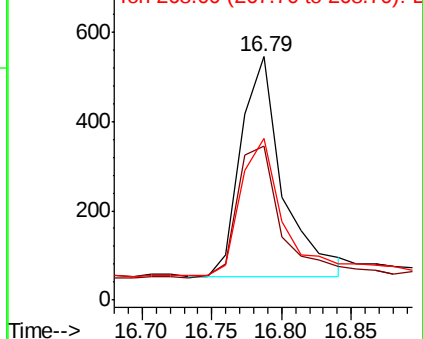


#22
Pentachlorophenol
Concen: 1.228 ng
RT: 16.79 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:266 Resp: 1021
Ion Ratio Lower Upper
266 100
264 63.2 63.4 95.0#
268 66.4 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: 0.338 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB125330BS

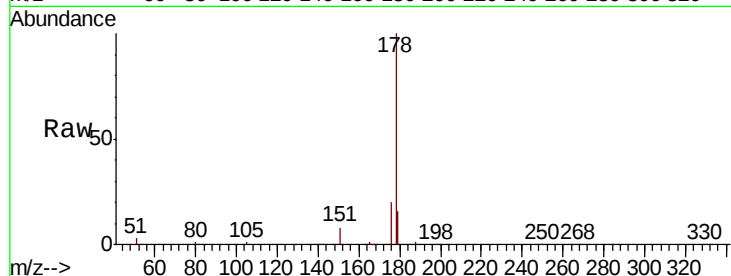
Tot Ion:178 Resp: 23092

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

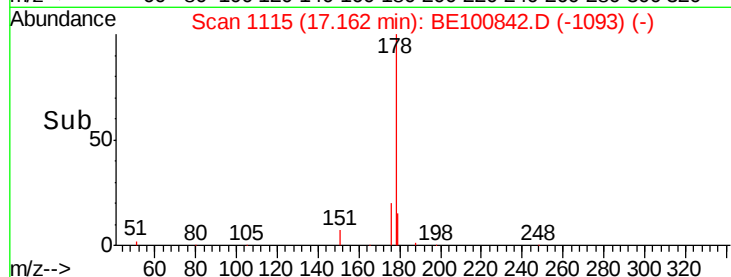
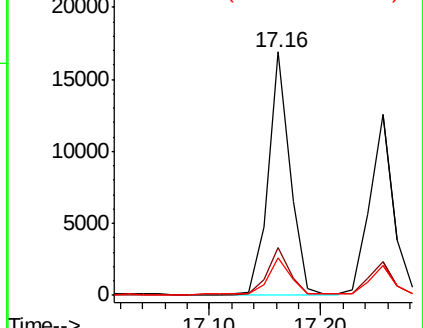
179 15.3 12.3 18.5



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: 0.321 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

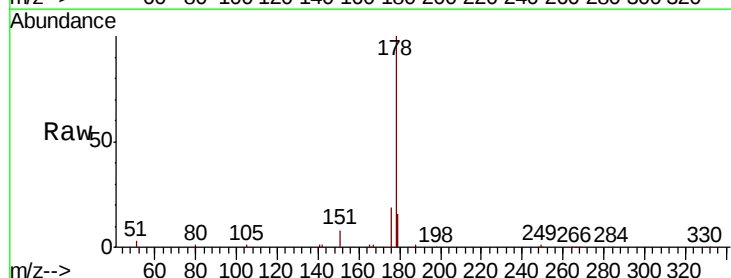
Tgt Ion:178 Resp: 18362

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

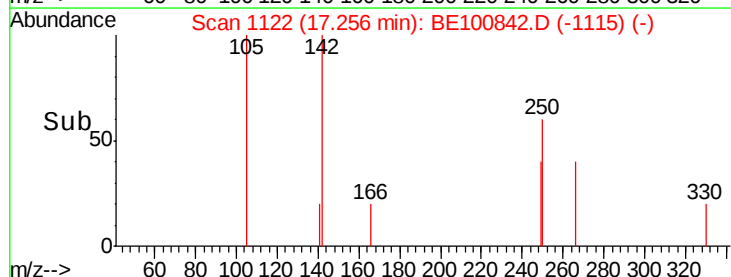
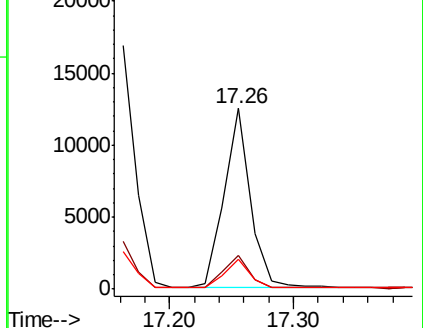
179 15.4 12.7 19.1

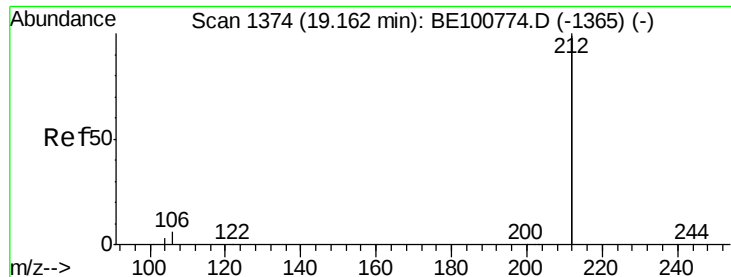


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.343 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB125330BS

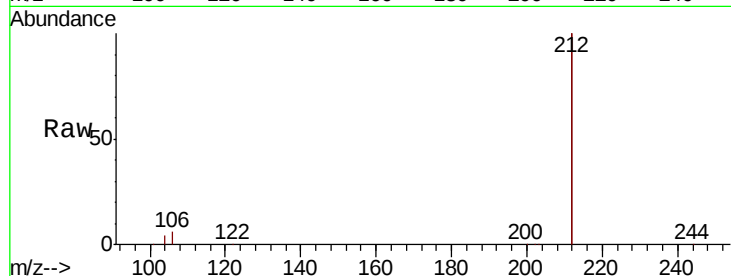
Tot Ion:212 Resp: 91388

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

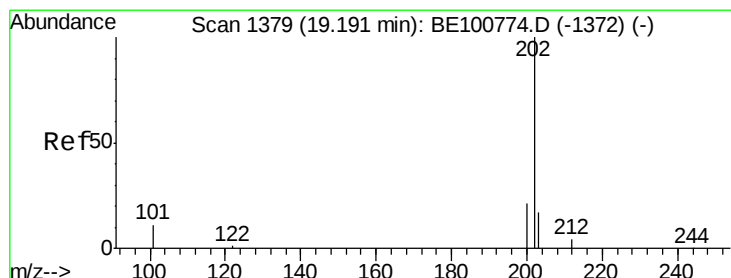
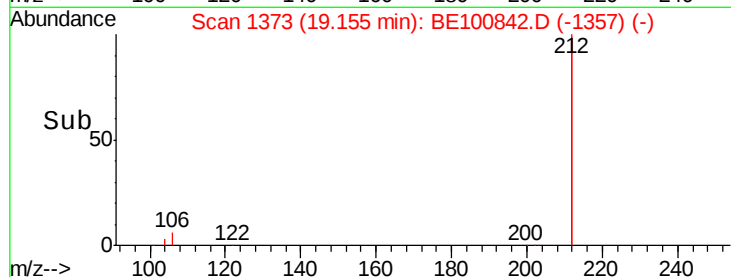
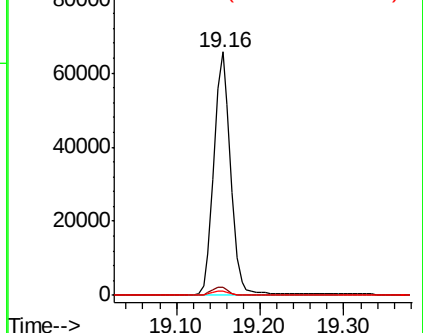
104 1.8 1.4 2.2



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: 0.328 ng

RT: 19.18 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

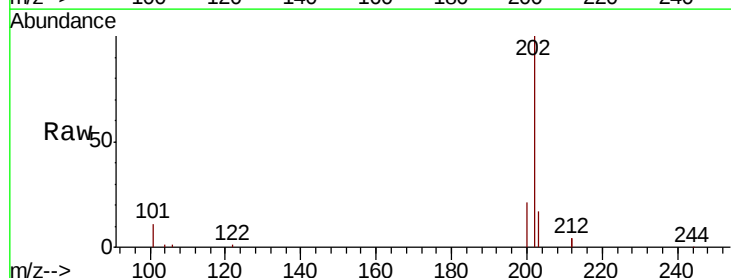
Tgt Ion:202 Resp: 26761

Ion Ratio Lower Upper

202 100

101 11.5 9.1 13.7

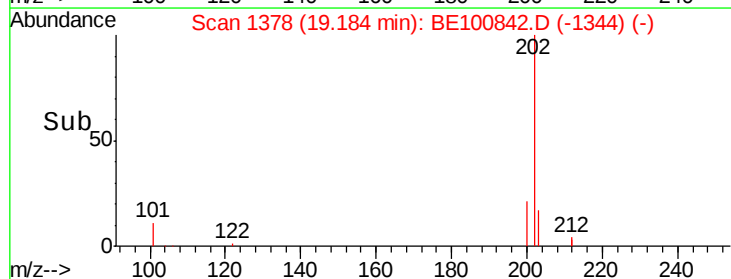
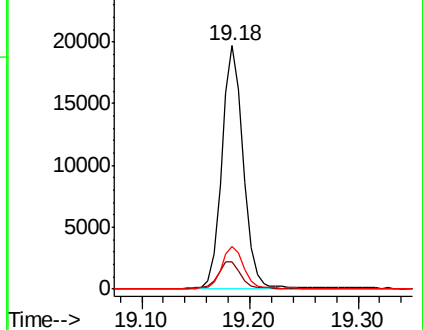
203 17.5 13.8 20.6



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

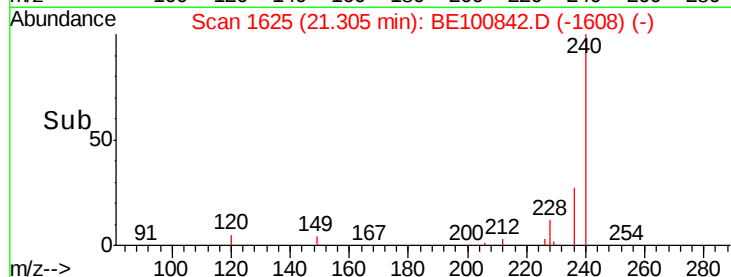
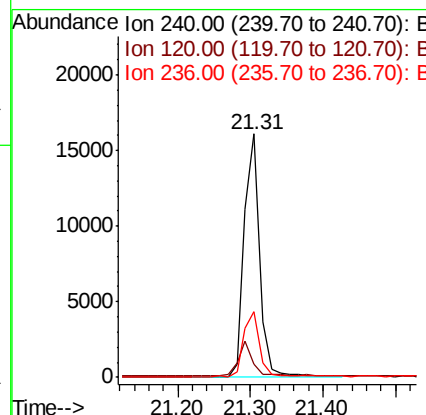
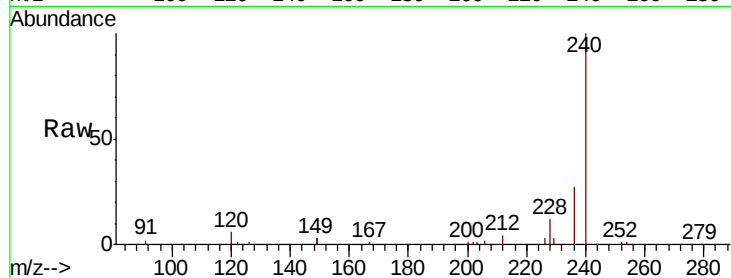




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

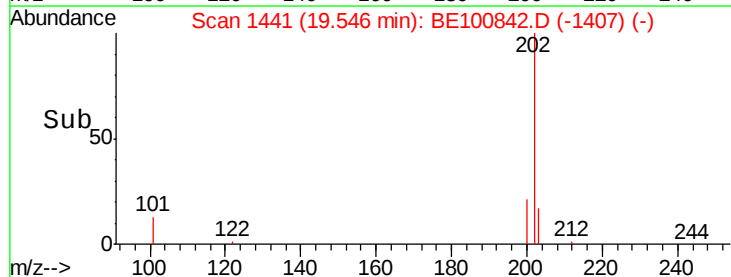
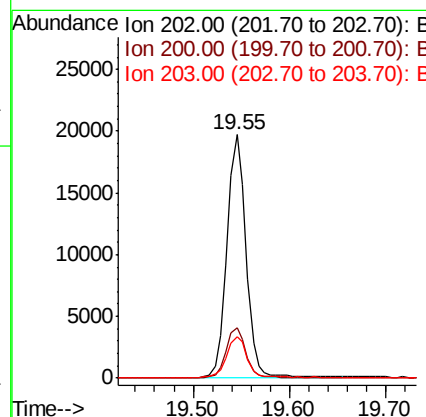
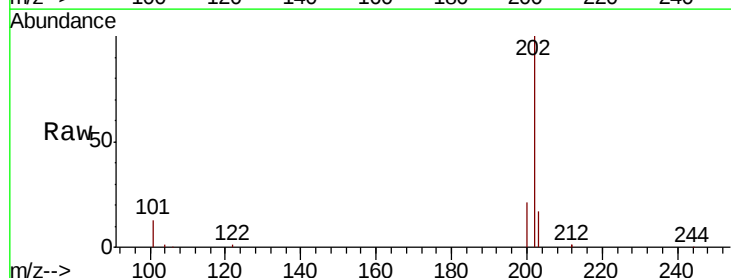
Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tot Ion:240 Resp: 23792
Ion Ratio Lower Upper
240 100
120 5.6 10.2 15.2#
236 26.9 22.3 33.5



#28
Pyrene
Concen: 0.350 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:202 Resp: 27063
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.8 13.9 20.9





#29

Terphenyl-d14

Concen: 0.338 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB125330BS

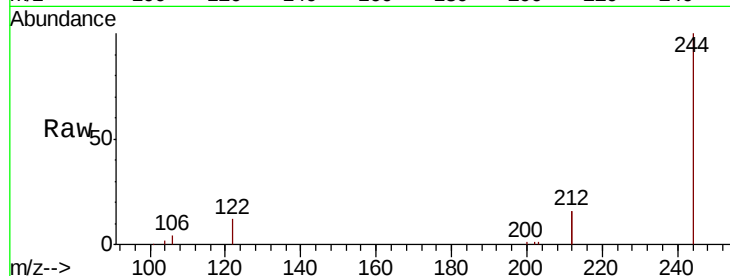
Tot Ion:244 Resp: 19239

Ion Ratio Lower Upper

244 100

212 32.1 26.2 39.4

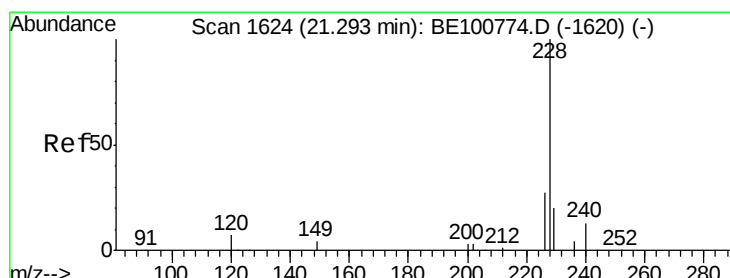
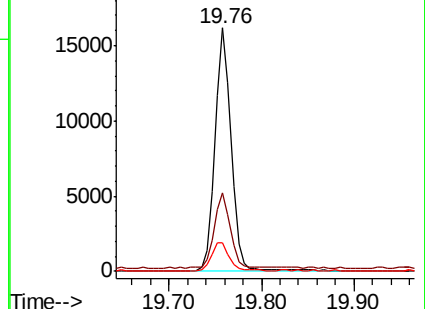
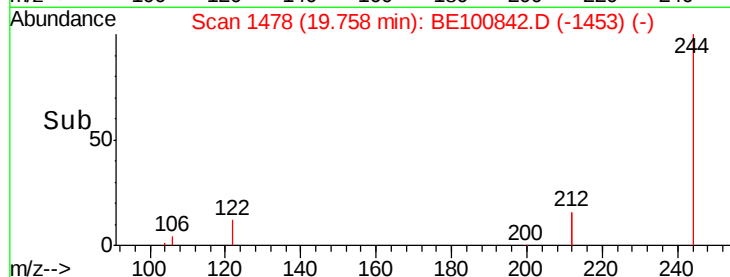
122 12.0 10.2 15.4



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: 0.390 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

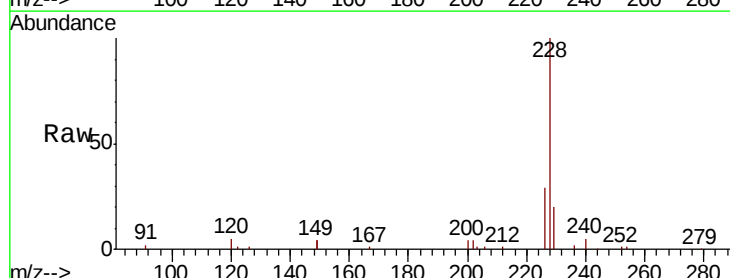
Tgt Ion:228 Resp: 27351

Ion Ratio Lower Upper

228 100

226 29.2 21.5 32.3

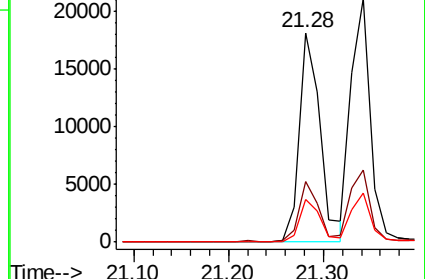
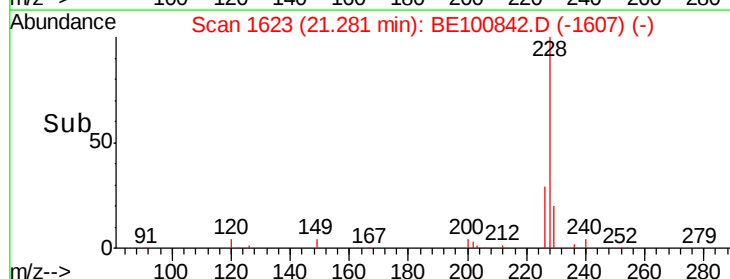
229 20.1 16.0 24.0

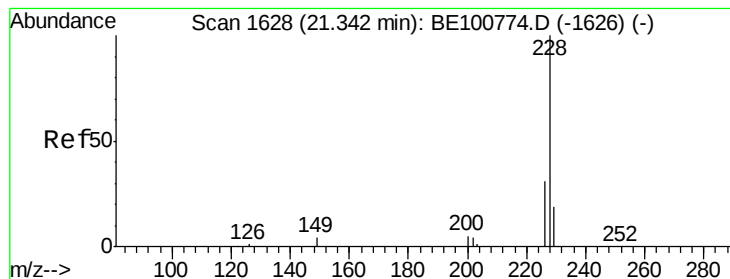


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.361 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB125330BS

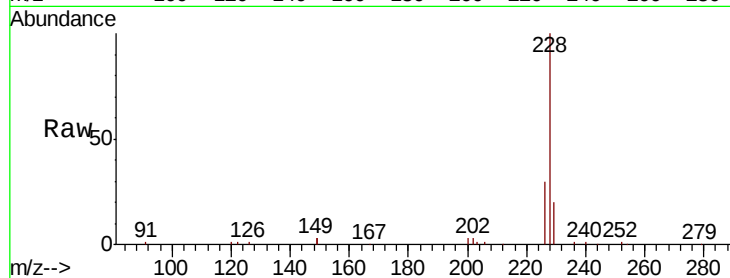
Tot Ion:228 Resp: 29759

Ion Ratio Lower Upper

228 100

226 29.7 25.0 37.4

229 20.2 15.4 23.2

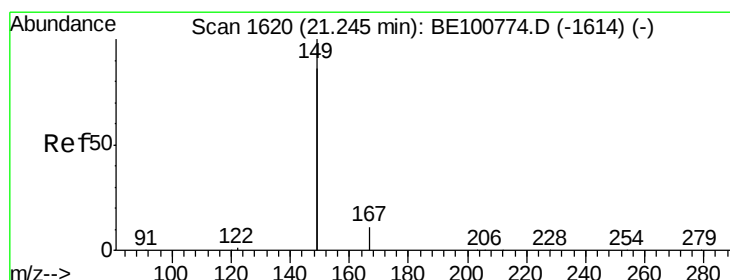
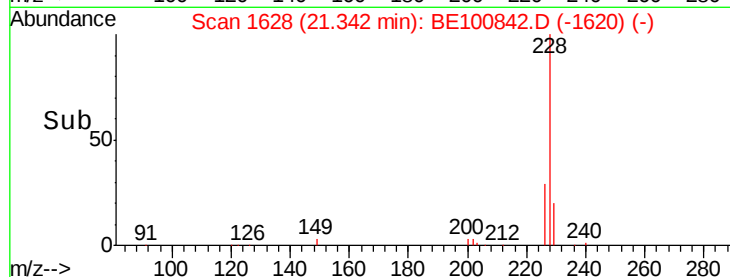
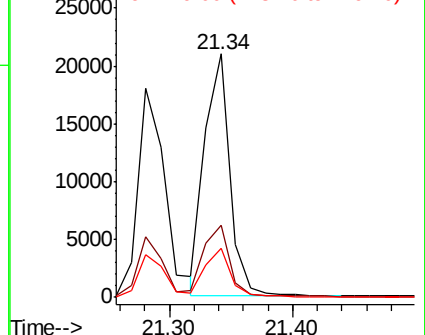


Abundance

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: 0.533 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

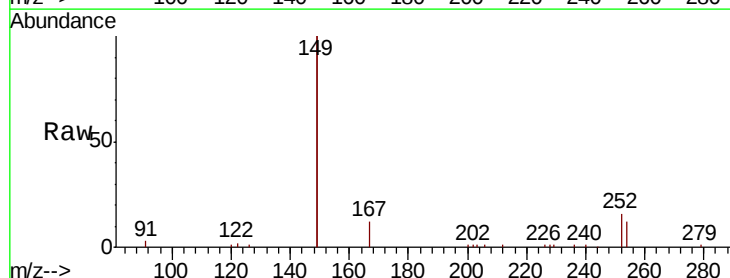
Tgt Ion:149 Resp: 26312

Ion Ratio Lower Upper

149 100

167 6.3 5.0 7.6

279 0.8 0.7 1.1

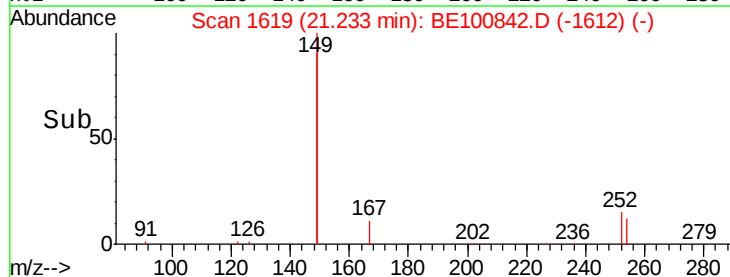
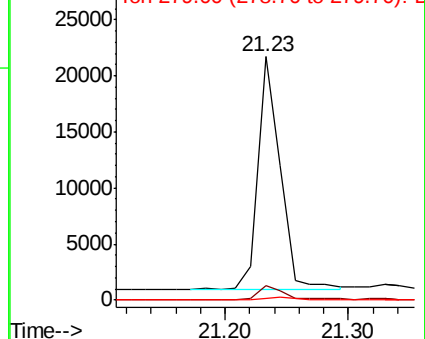


Abundance

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: 0.395 ng

RT: 26.32 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB125330BS

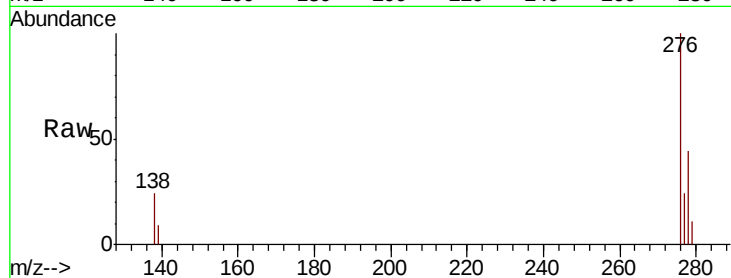
Tot Ion:276 Resp: 28326

Ion Ratio Lower Upper

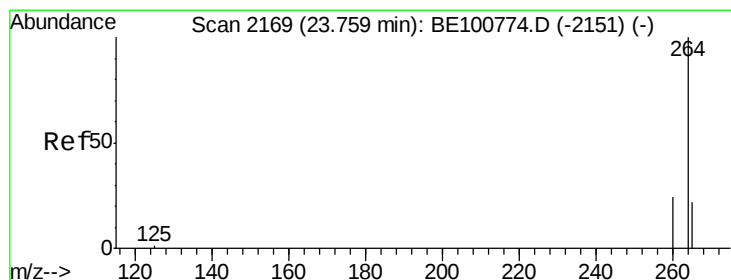
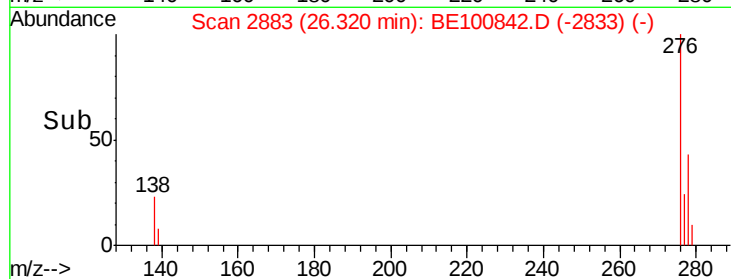
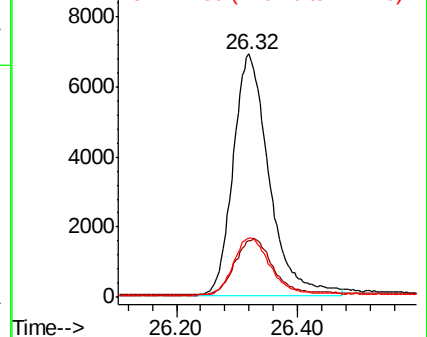
276 100

138 24.3 19.4 29.0

277 24.7 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: BE100842.D

Acq: 11 Dec 2019 10:59

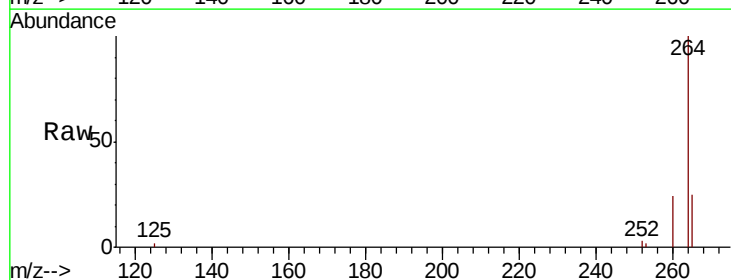
Tgt Ion:264 Resp: 26116

Ion Ratio Lower Upper

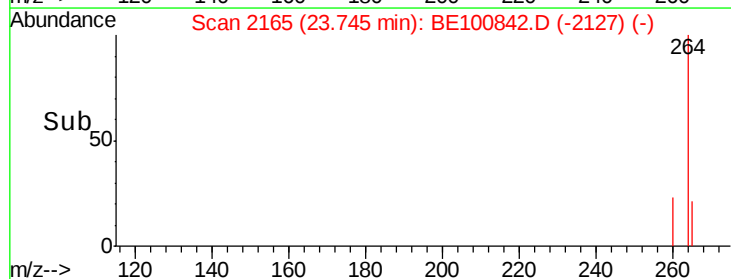
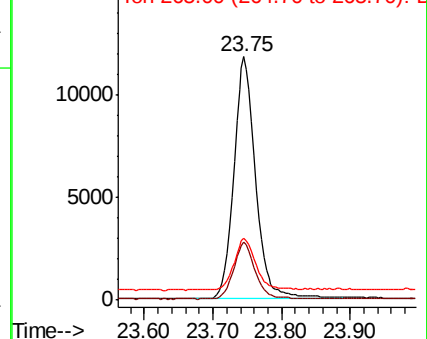
264 100

260 23.8 19.4 29.2

265 25.2 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: 0.384 ng

RT: 23.00 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB125330BS

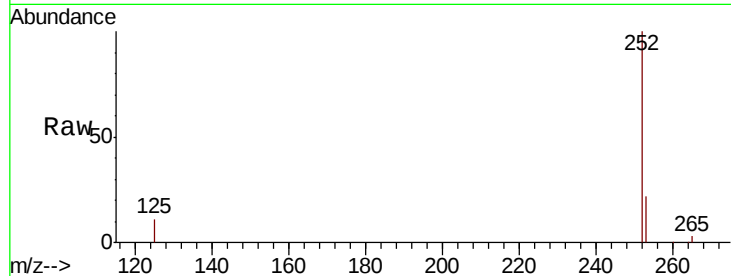
Tot Ion:252 Resp: 27422

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 11.2 9.0 13.4

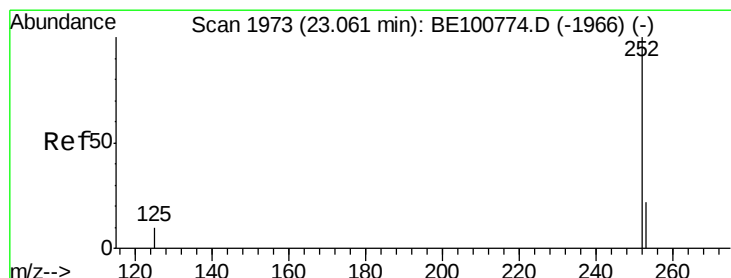
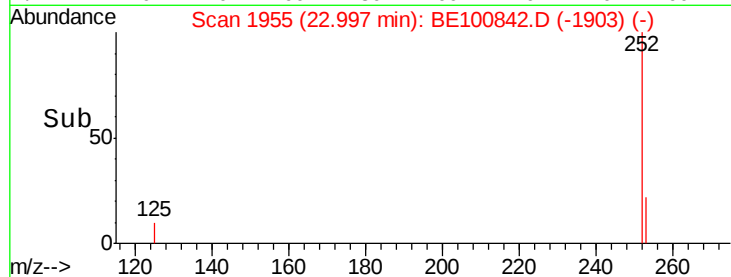
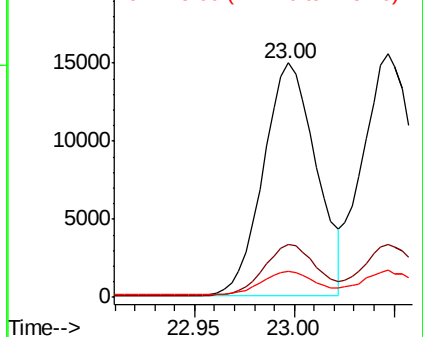


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.375 ng

RT: 23.05 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

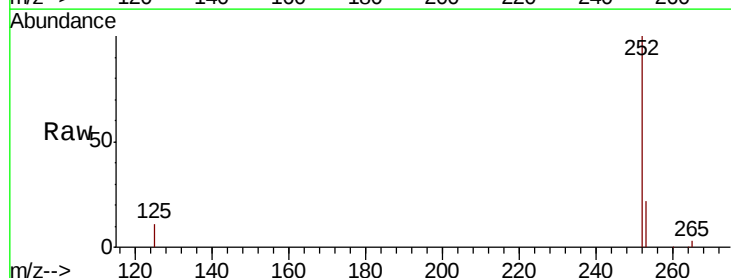
Tgt Ion:252 Resp: 30051

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 11.0 8.7 13.1

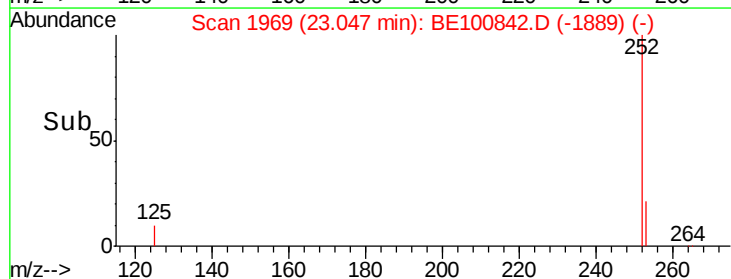
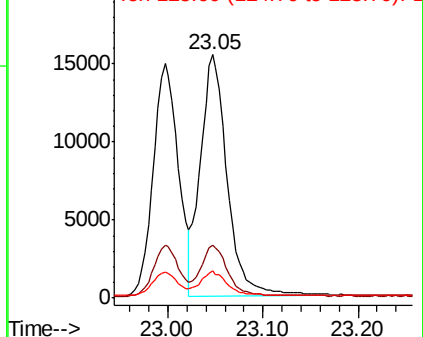


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.394 ng

RT: 23.63 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB125330BS

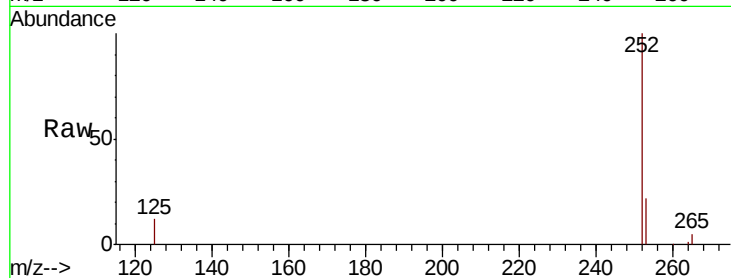
Tot Ion:252 Resp: 24381

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

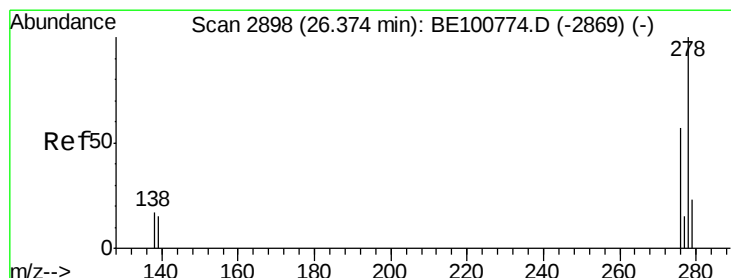
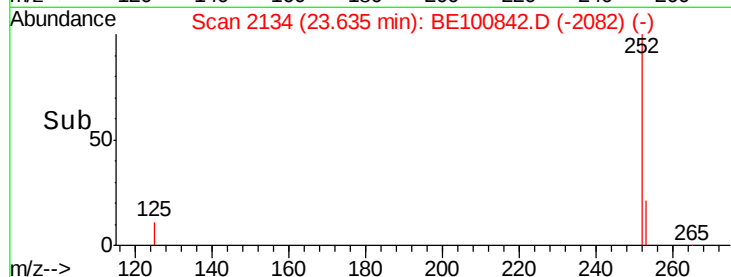
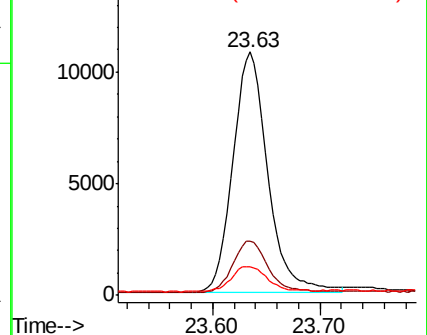
125 11.9 10.4 15.6



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: 0.386 ng

RT: 26.35 min Scan# 2891

Delta R.T. -0.03 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

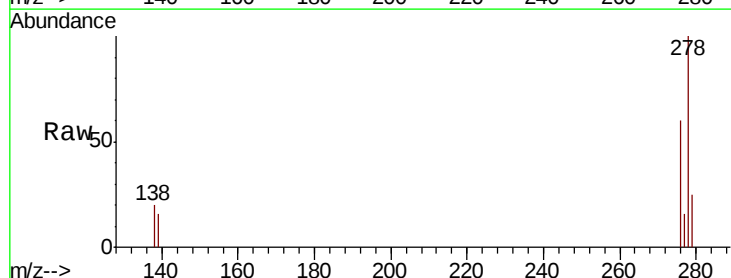
Tgt Ion:278 Resp: 23756

Ion Ratio Lower Upper

278 100

139 15.5 13.0 19.4

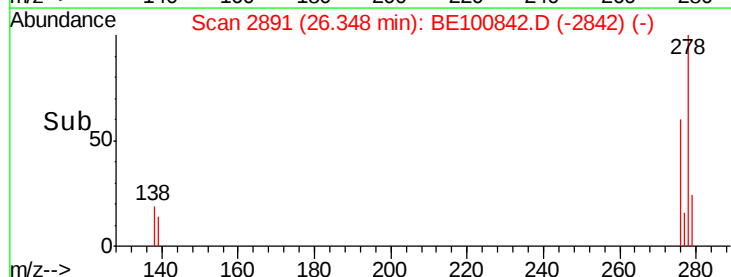
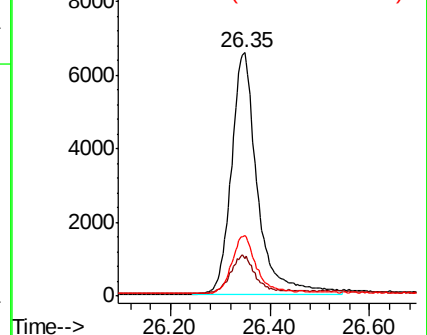
279 25.0 19.6 29.4



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: 0.397 ng

RT: 27.10 min Scan# 3102

Delta R.T. -0.03 min

Lab File: BE100842.D

Acq: 11 Dec 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB125330BS

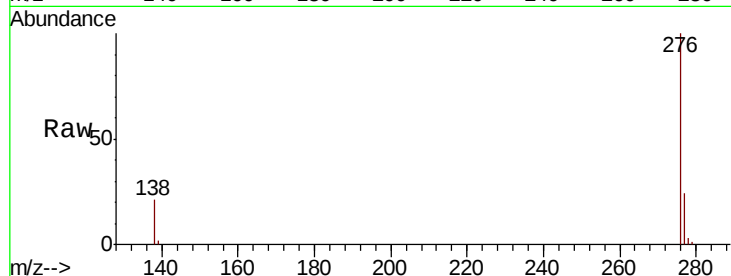
Tot Ion: 276 Resp: 26127

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 21.0 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

