

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
 Data File : BE100233.D
 Acq On : 28 Jun 2019 14:06
 Operator : JU/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 28 18:41:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	597	0.40	ng	0.01
7) Naphthalene-d8	10.45	136	2133	0.40	ng	0.00
13) Acenaphthene-d10	14.33	164	1661	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	5172	0.40	ng	0.01
27) Chrysene-d12	21.24	240	7715	0.40	ng	0.00
34) Perylene-d12	23.67	264	9545	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	637	0.42	ng	0.01
5) Phenol-d6	6.84	99	783	0.39	ng	0.00
8) Nitrobenzene-d5	8.82	82	876	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	1618	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.82	330	467	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	2566	0.40	ng	0.01
25) Fluoranthene-d10	19.10	212	30423	0.41	ng	0.00
29) Terphenyl-d14	19.70	244	6528	0.41	ng	0.00

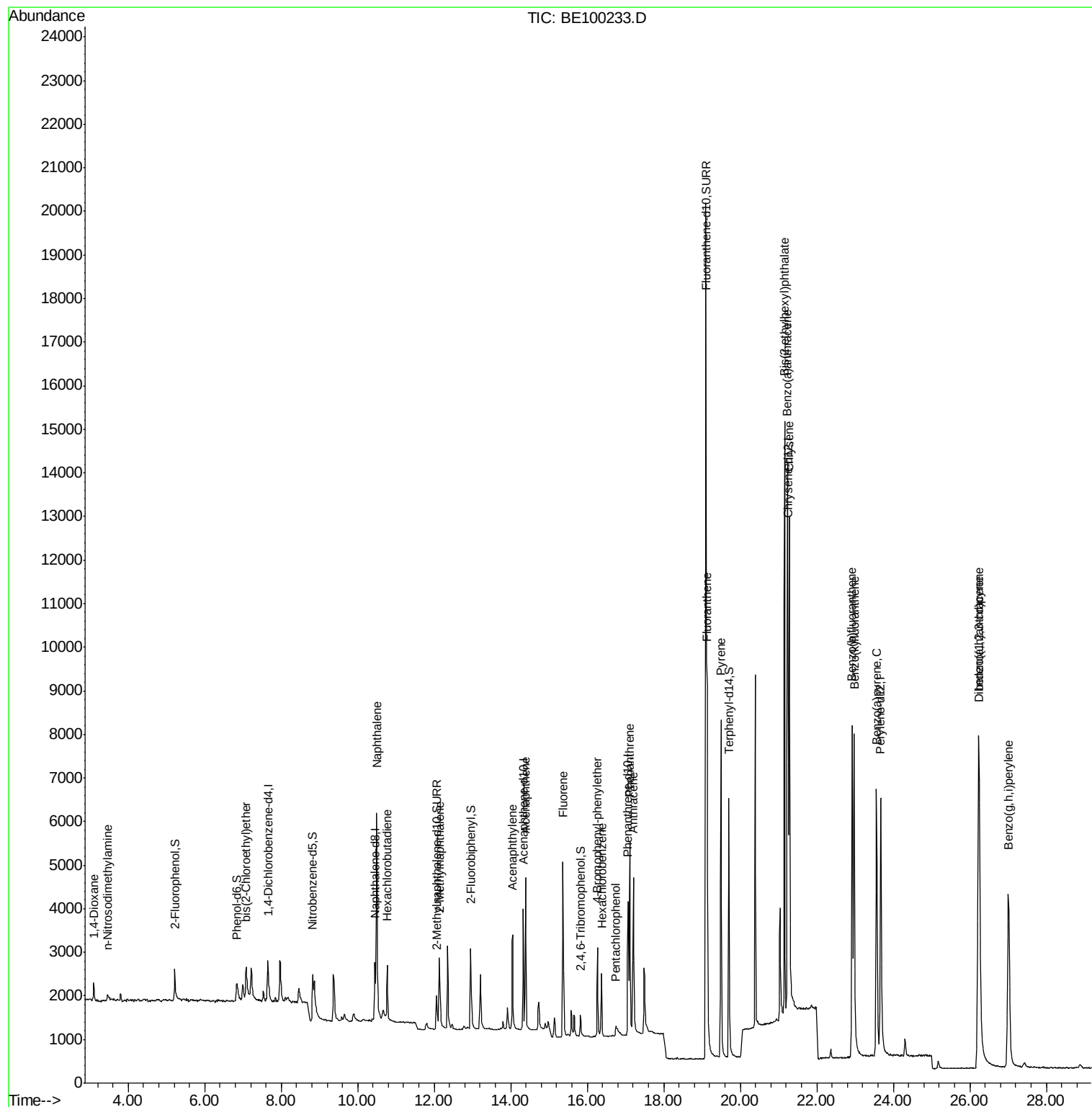
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	363	0.392	ng	94
3) n-Nitrosodimethylamine	3.46	42	175	0.405	ng	79
6) bis(2-Chloroethyl)ether	7.09	93	715	0.435	ng	95
9) Naphthalene	10.50	128	9501	0.404	ng	99
10) Hexachlorobutadiene	10.77	225	916	0.404	ng	95
12) 2-Methylnaphthalene	12.14	142	1588	0.385	ng	99
16) Acenaphthylene	14.05	152	3221	0.404	ng	98
17) Acenaphthene	14.38	154	1835	0.406	ng	97
18) Fluorene	15.37	166	2749	0.412	ng	99
20) 4-Bromophenyl-phenylether	16.26	248	1296	0.393	ng	92
21) Hexachlorobenzene	16.37	284	1403	0.409	ng	96
22) Pentachlorophenol	16.75	266	365	0.354	ng	96
23) Phenanthrene	17.11	178	5161	0.412	ng	100
24) Anthracene	17.20	178	4598	0.407	ng	99
26) Fluoranthene	19.13	202	8199	0.411	ng	100
28) Pyrene	19.49	202	8456	0.414	ng	100
30) Benzo(a)anthracene	21.23	228	10328	0.407	ng	97
31) Chrysene	21.28	228	10823	0.425	ng	98
32) Bis(2-ethylhexyl)phthalate	21.16	149	16602	0.405	ng	100
33) Indeno(1,2,3-cd)pyrene	26.22	276	13819	0.410	ng	99
35) Benzo(b)fluoranthene	22.93	252	10731	0.415	ng	98
36) Benzo(k)fluoranthene	22.98	252	12112	0.419	ng	99
37) Benzo(a)pyrene	23.56	252	10924	0.421	ng	99
38) Dibenzo(a,h)anthracene	26.25	278	10728	0.396	ng	100
39) Benzo(g,h,i)perylene	27.01	276	11222	0.403	ng	99

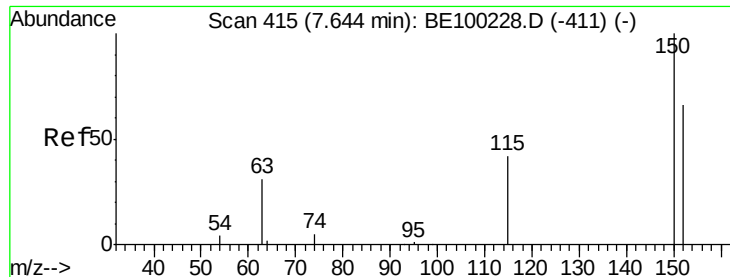
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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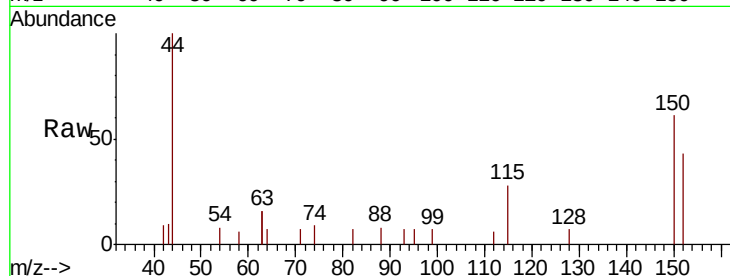


#1

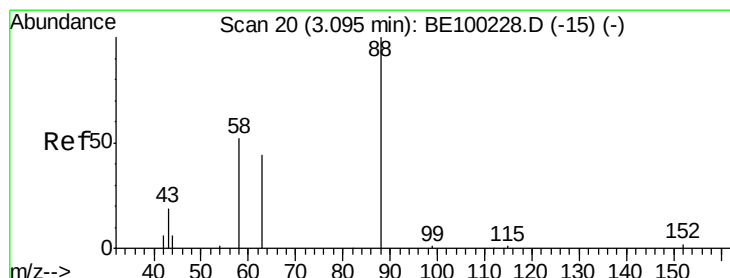
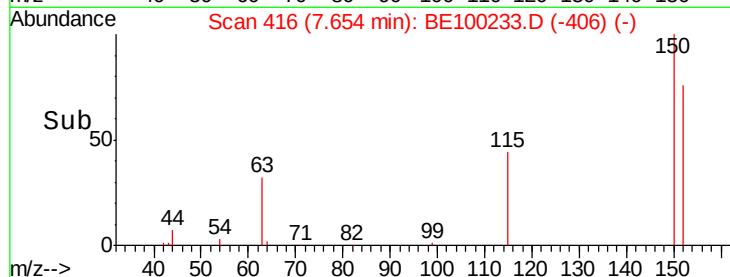
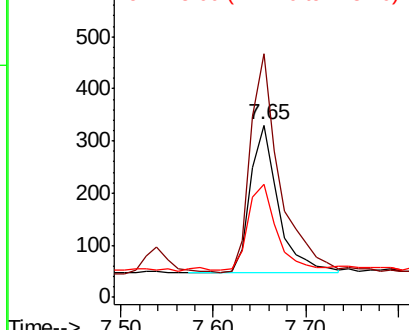
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 597
Ion Ratio Lower Upper
152 100
150 141.5 114.5 171.7
115 65.5 57.1 85.7



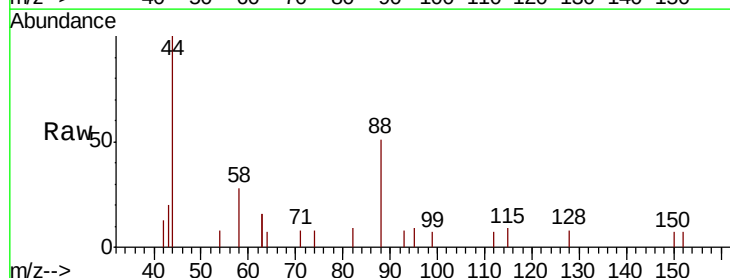
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



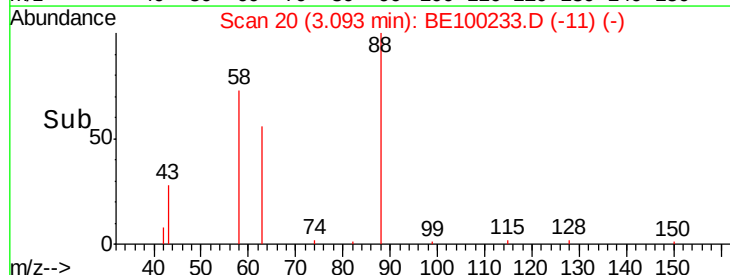
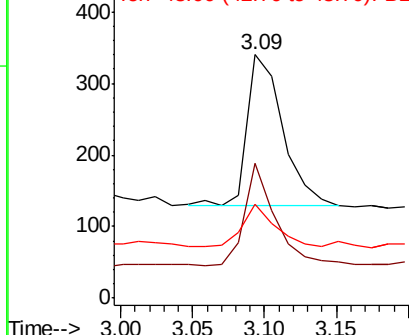
#2

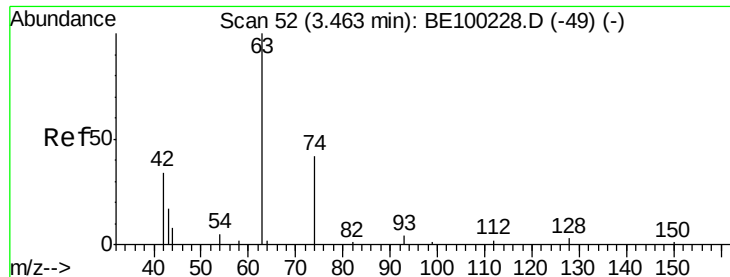
1,4-Dioxane
Concen: 0.392 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion: 88 Resp: 363
Ion Ratio Lower Upper
88 100
58 59.5 43.6 65.4
43 25.3 21.4 32.0



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: 0.405 ng

RT: 3.46 min Scan# 52

Delta R.T. -0.00 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

Instrument :

BNA_E

ClientSampleId :

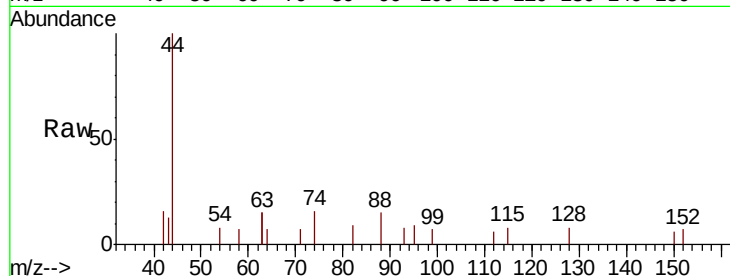
Tot Ion: 42 Resp: 175

Ion Ratio Lower Upper

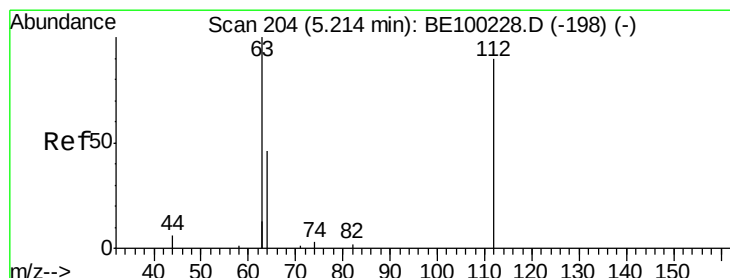
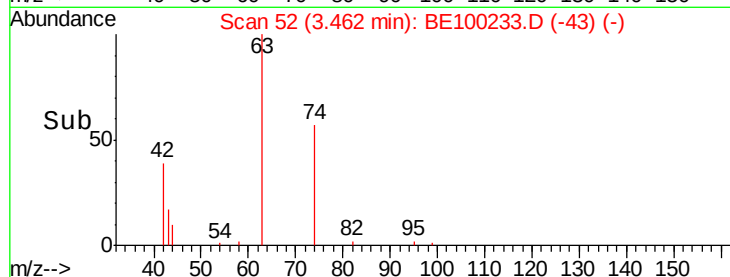
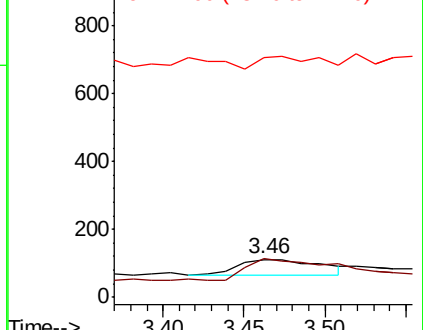
42 100

74 132.0 130.6 196.0

44 55.4 38.0 57.0



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: 0.418 ng

RT: 5.22 min Scan# 205

Delta R.T. 0.01 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

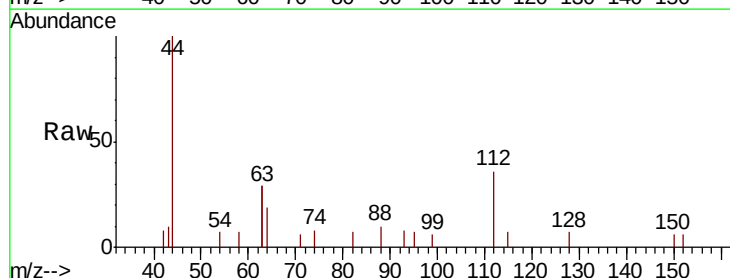
Tgt Ion: 112 Resp: 637

Ion Ratio Lower Upper

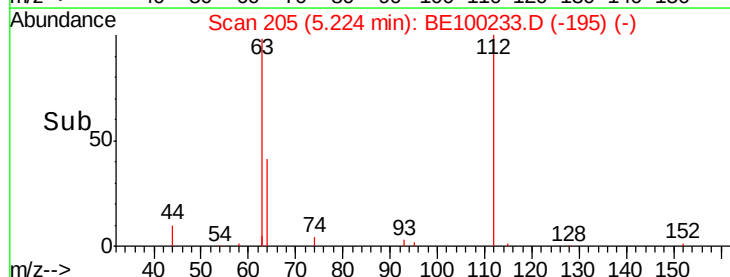
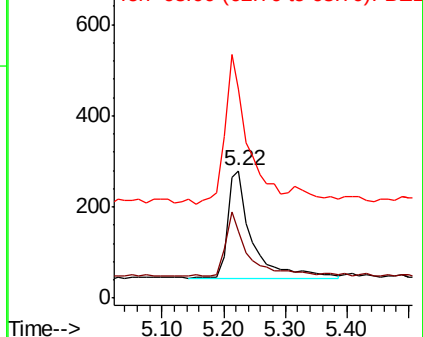
112 100

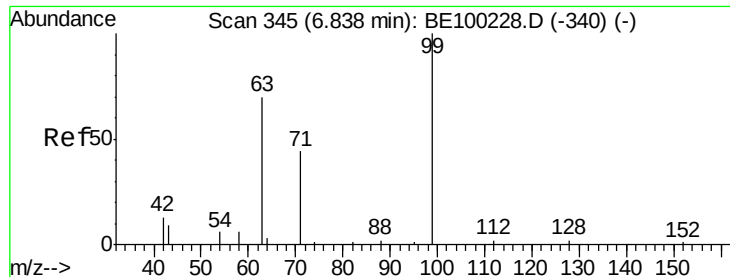
64 52.0 39.4 59.0

63 132.3 104.5 156.7



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: 0.391 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

Instrument :

BNA_E

ClientSampleId :

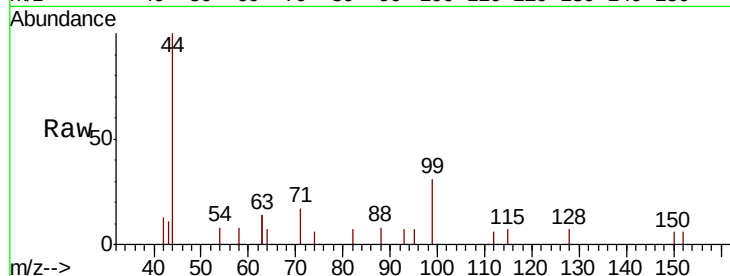
Tot Ion: 99 Resp: 783

Ion Ratio Lower Upper

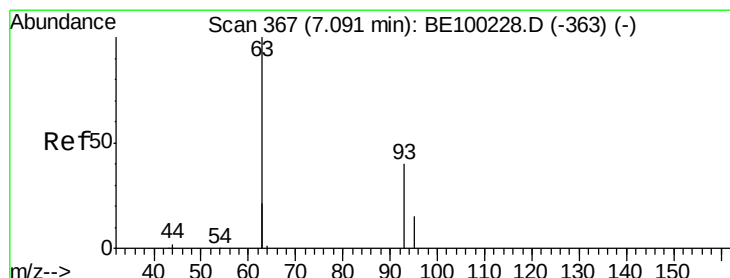
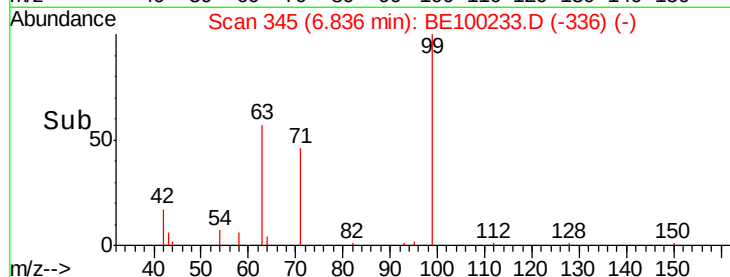
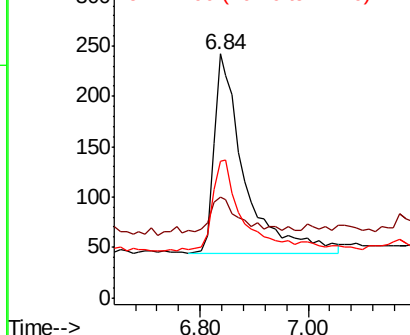
99 100

42 15.2 11.2 16.8

71 41.0 37.2 55.8



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: 0.435 ng

RT: 7.09 min Scan# 367

Delta R.T. -0.00 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

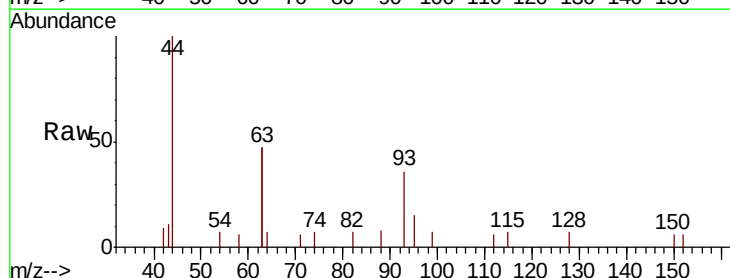
Tgt Ion: 93 Resp: 715

Ion Ratio Lower Upper

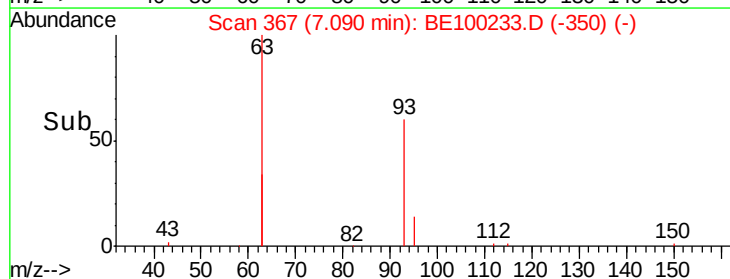
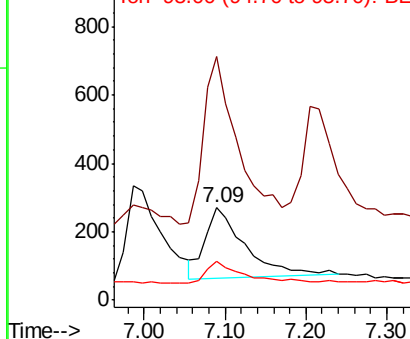
93 100

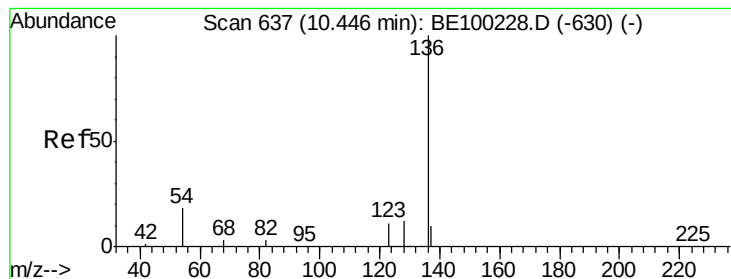
63 202.9 155.6 233.4

95 29.5 23.0 34.4



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: 10.45 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2133

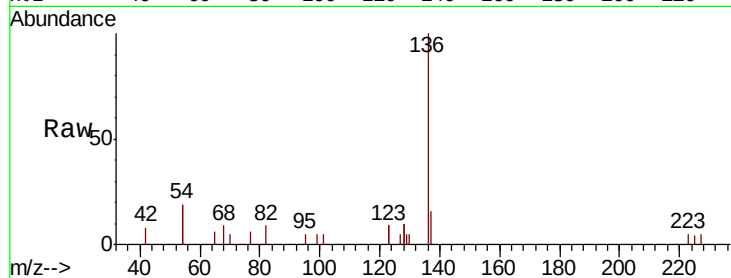
Ion Ratio Lower Upper

136 100

137 15.6 11.8 17.8

54 38.8 27.7 41.5

68 9.2 6.8 10.2

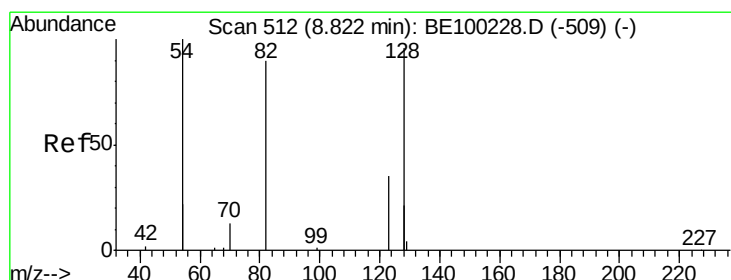
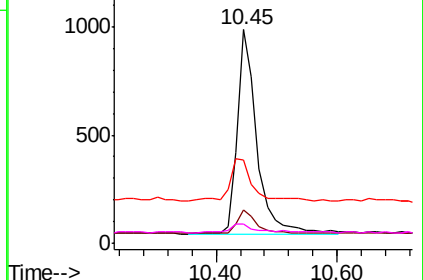
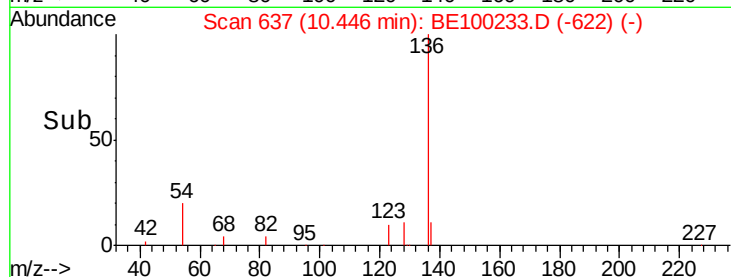


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.413 ng

RT: 8.82 min Scan# 512

Delta R.T. 0.00 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

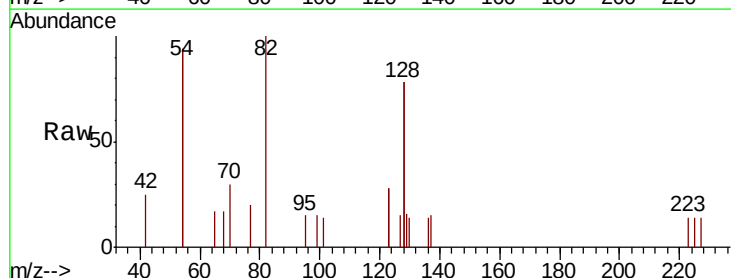
Tgt Ion: 82 Resp: 876

Ion Ratio Lower Upper

82 100

128 156.0 140.9 211.3

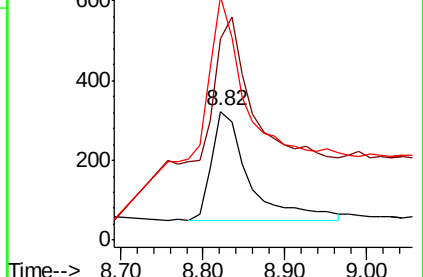
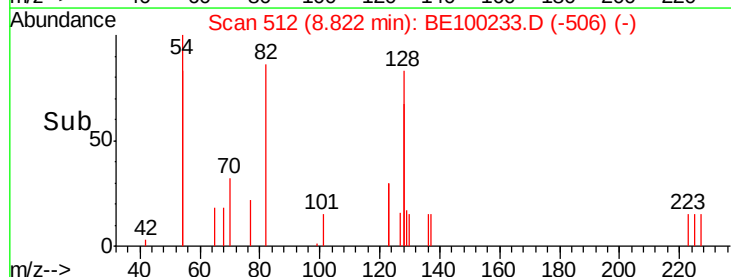
54 188.9 146.2 219.2

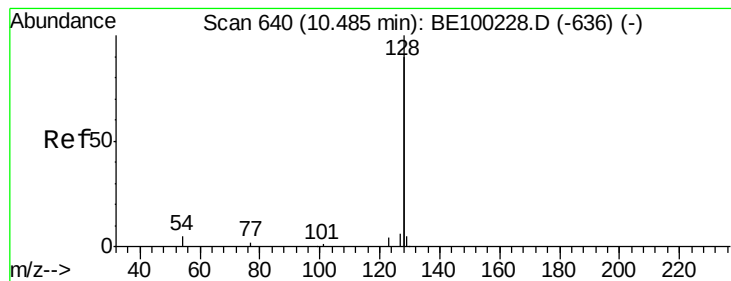


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.404 ng

RT: 10.50 min Scan# 641

Delta R.T. 0.01 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

Instrument :

BNA_E

ClientSampleId :

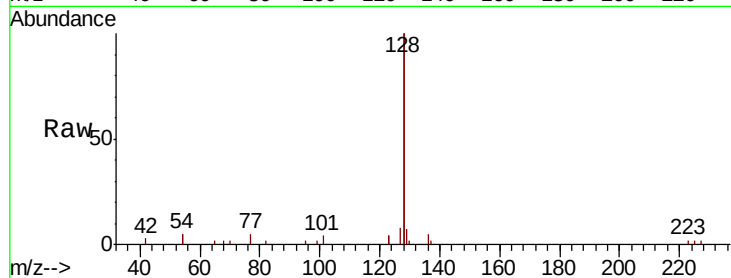
Tot Ion:128 Resp: 9501

Ion Ratio Lower Upper

128 100

129 3.6 3.0 4.6

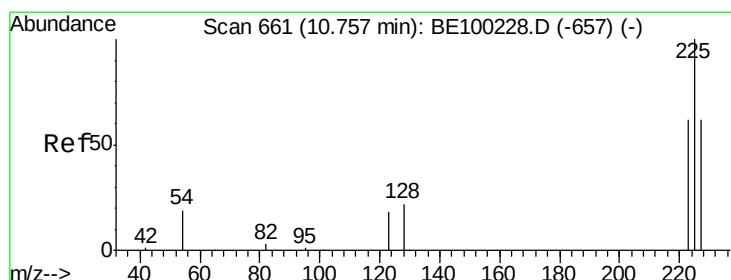
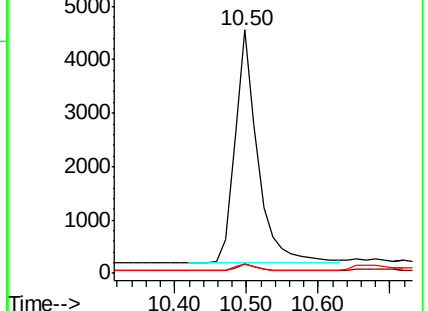
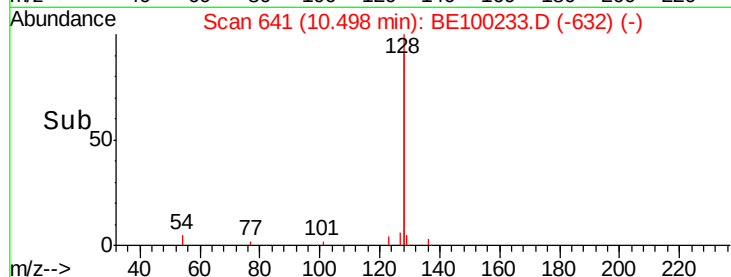
127 3.9 3.5 5.3



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: 0.404 ng

RT: 10.77 min Scan# 662

Delta R.T. 0.01 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

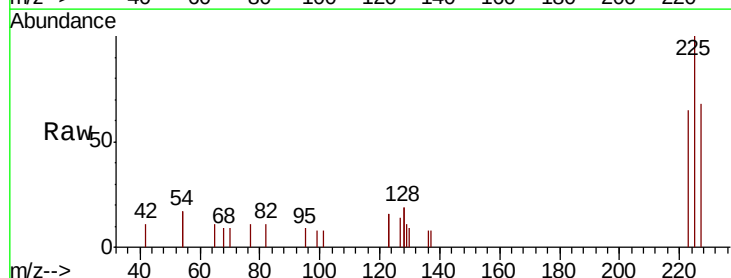
Tgt Ion:225 Resp: 916

Ion Ratio Lower Upper

225 100

223 64.5 49.1 73.7

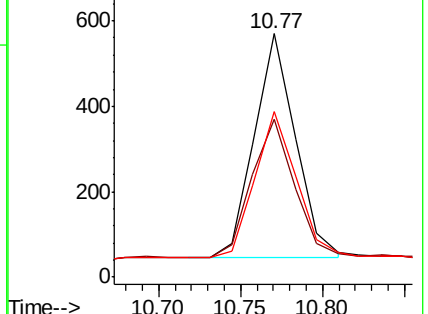
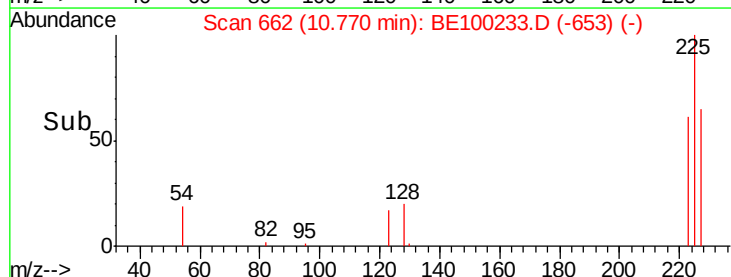
227 65.8 49.3 73.9

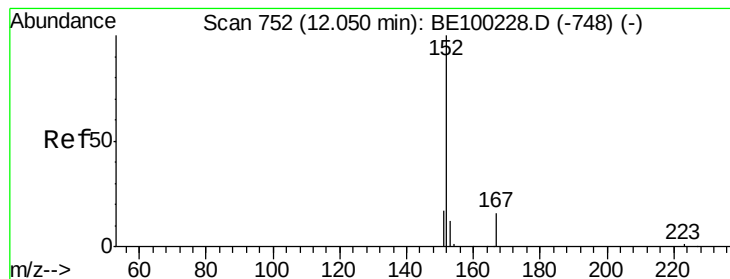


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.403 ng

RT: 12.06 min Scan# 753

Delta R.T. 0.01 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

Instrument :

BNA_E

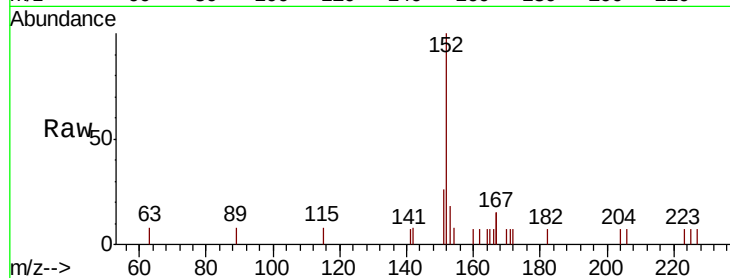
ClientSampleId :

Tot Ion:152 Resp: 1618

Ion Ratio Lower Upper

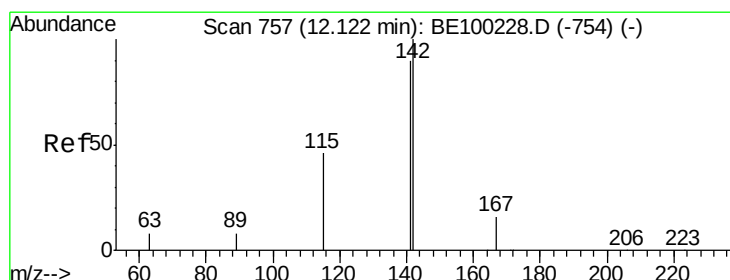
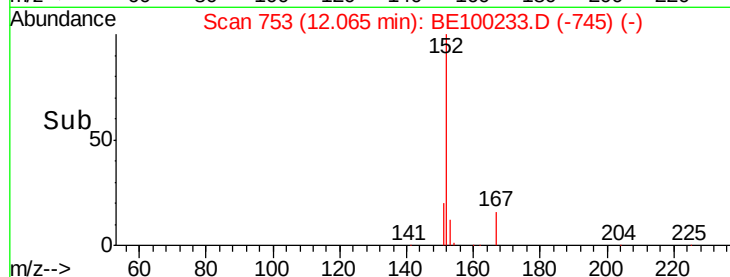
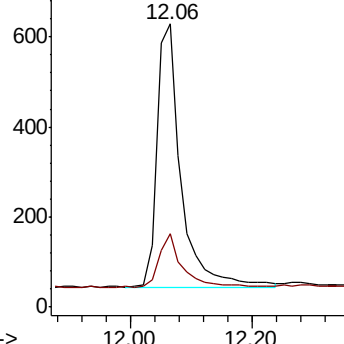
152 100

151 19.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.385 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.01 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

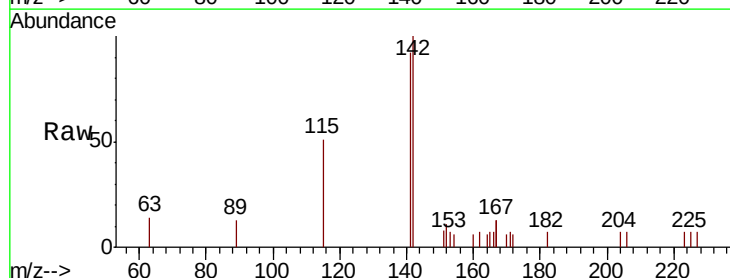
Tgt Ion:142 Resp: 1588

Ion Ratio Lower Upper

142 100

141 91.7 72.4 108.6

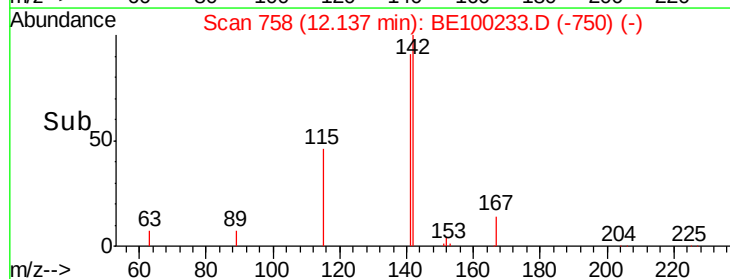
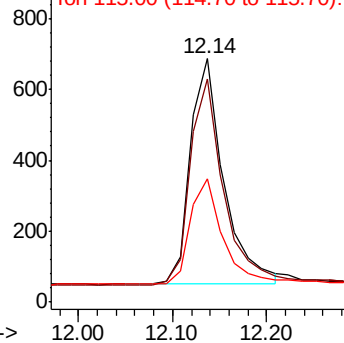
115 50.5 40.4 60.6

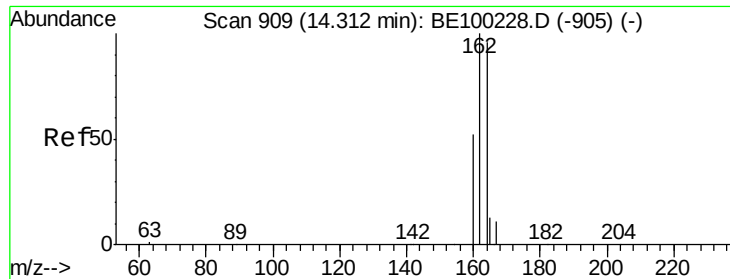


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

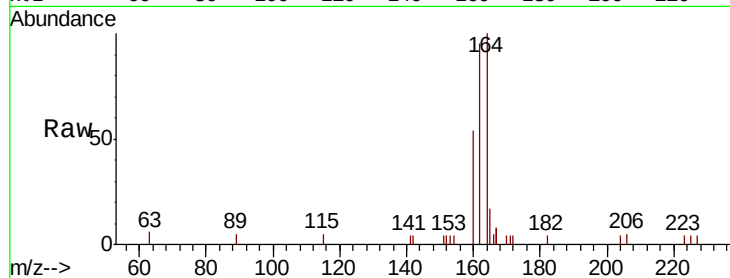




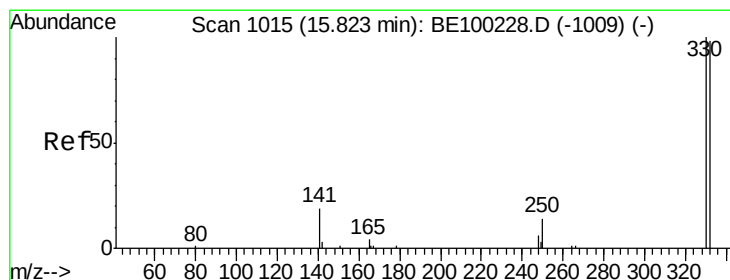
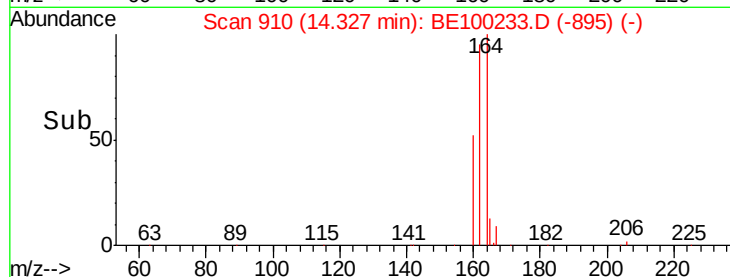
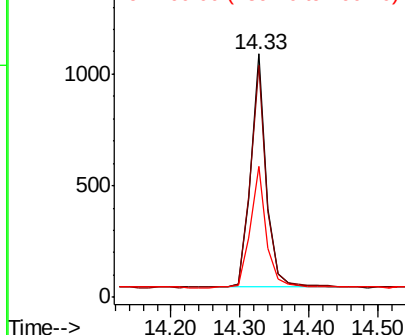
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.33 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BE100233.D
 Acq: 28 Jun 2019 14:06

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:164 Resp: 1661
 Ion Ratio Lower Upper
 164 100
 162 95.1 83.4 125.0
 160 54.0 45.0 67.6

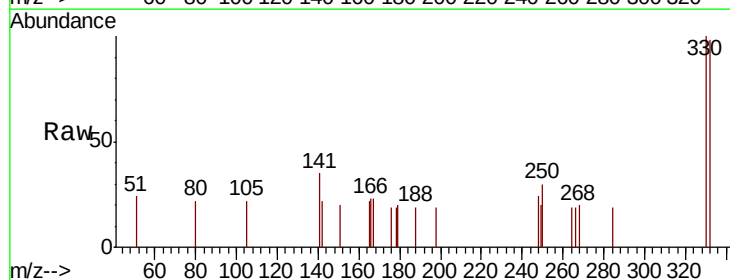


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

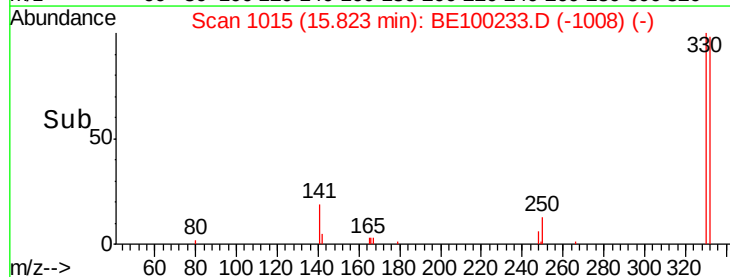
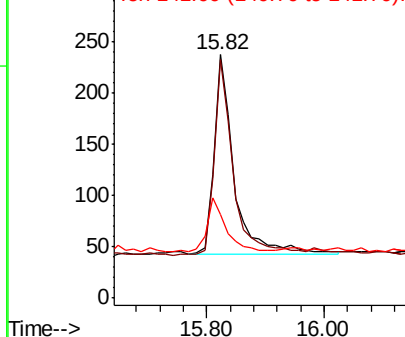


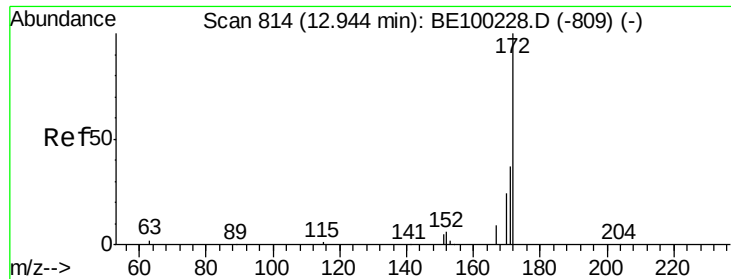
#14
 2,4,6-Tribromophenol
 Concen: 0.402 ng
 RT: 15.82 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BE100233.D
 Acq: 28 Jun 2019 14:06

Tgt Ion:330 Resp: 467
 Ion Ratio Lower Upper
 330 100
 332 91.2 77.0 115.4
 141 24.0 22.0 33.0



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

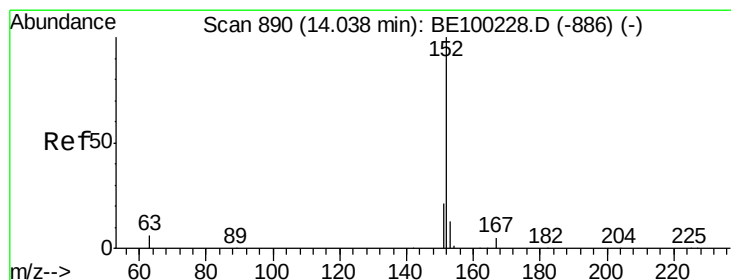
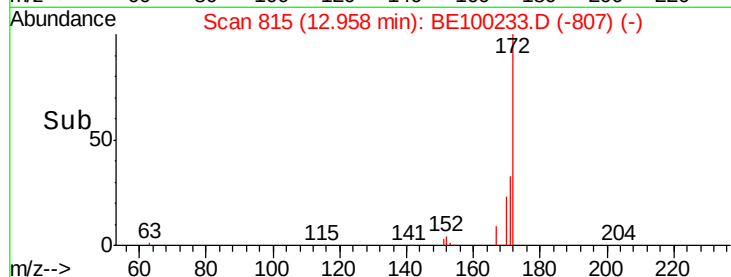
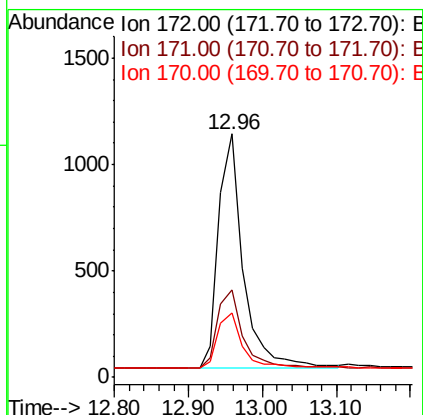
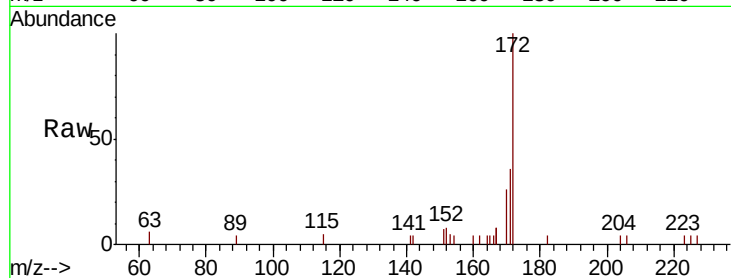




#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 12.96 min Scan# 815
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

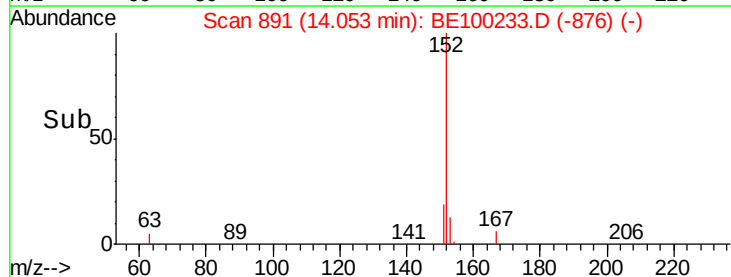
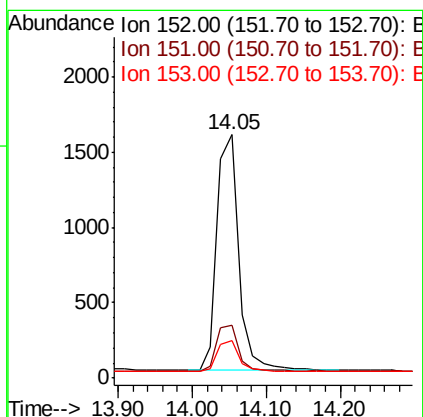
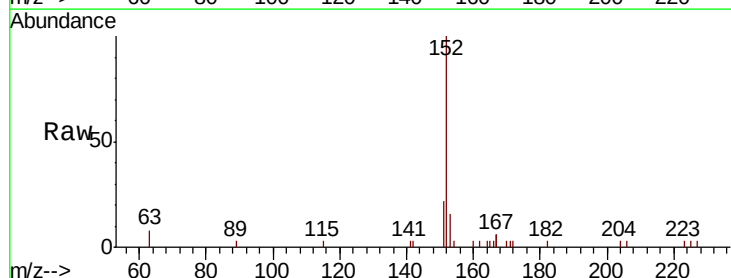
Instrument :
BNA_E
ClientSampleId :

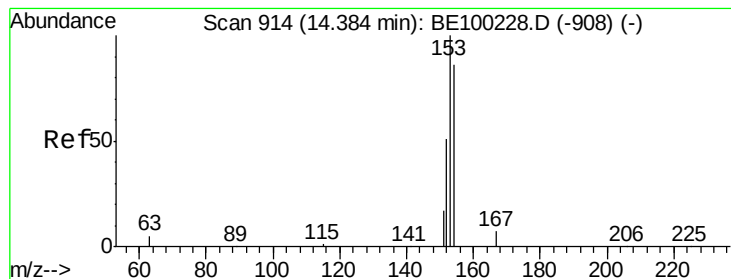
Tot Ion:172 Resp: 2566
Ion Ratio Lower Upper
172 100
171 35.9 31.9 47.9
170 26.3 22.2 33.2



#16
Acenaphthylene
Concen: 0.404 ng
RT: 14.05 min Scan# 891
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:152 Resp: 3221
Ion Ratio Lower Upper
152 100
151 19.5 16.6 25.0
153 13.6 10.5 15.7





#17

Acenaphthene

Concen: 0.406 ng

RT: 14.38 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

Instrument :

BNA_E

ClientSampleId :

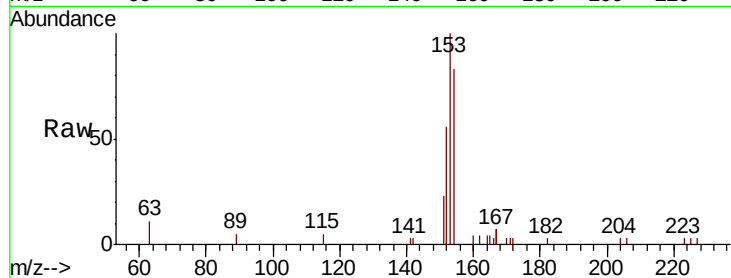
Tot Ion:154 Resp: 1835

Ion Ratio Lower Upper

154 100

153 119.8 93.4 140.2

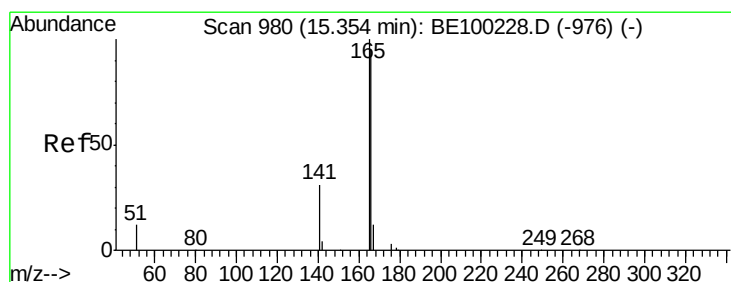
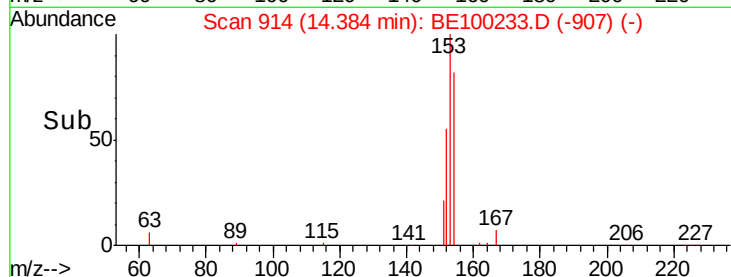
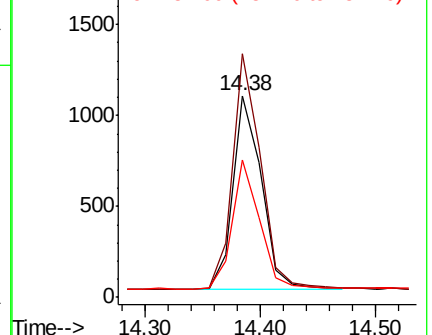
152 63.7 49.4 74.2



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: 0.412 ng

RT: 15.37 min Scan# 981

Delta R.T. 0.01 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

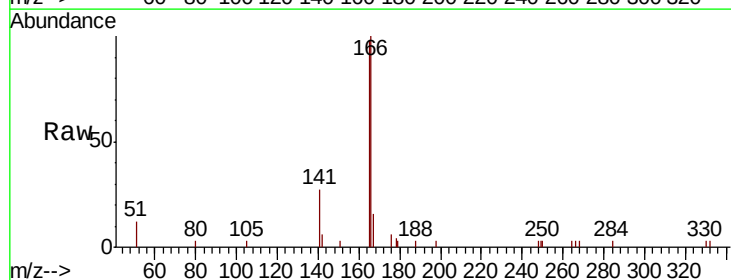
Tgt Ion:166 Resp: 2749

Ion Ratio Lower Upper

166 100

165 100.7 81.1 121.7

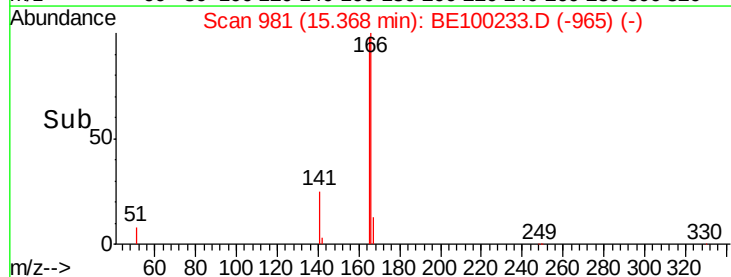
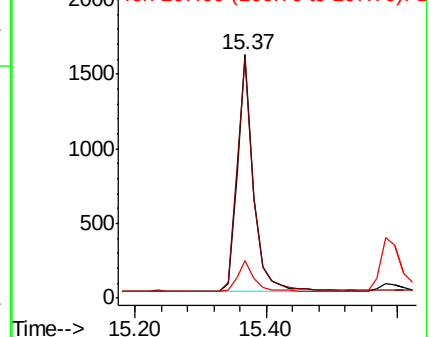
167 13.4 10.7 16.1

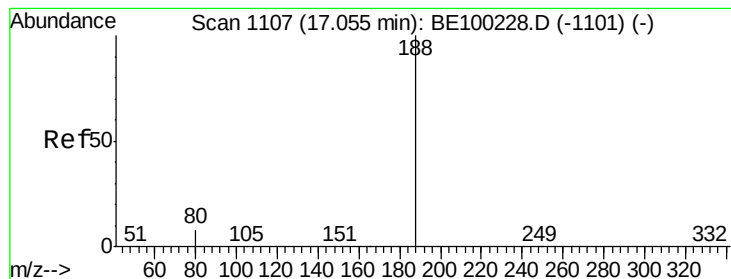


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.07 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

Instrument :

BNA_E

ClientSampleId :

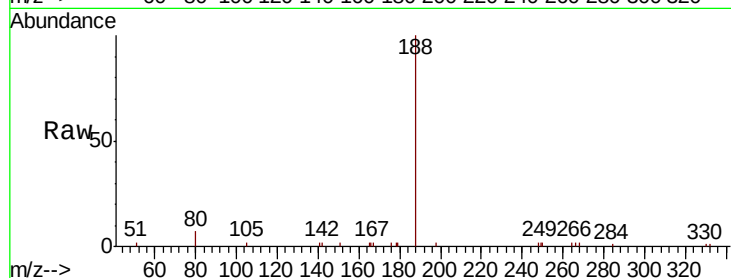
Tot Ion:188 Resp: 5172

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

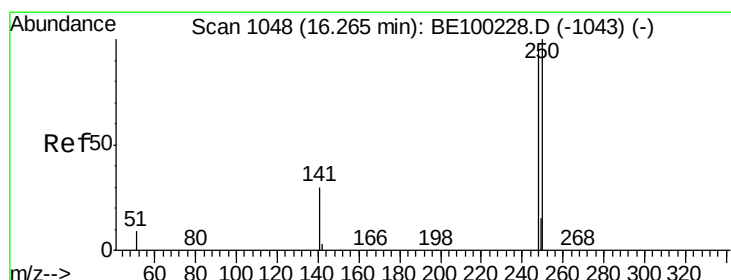
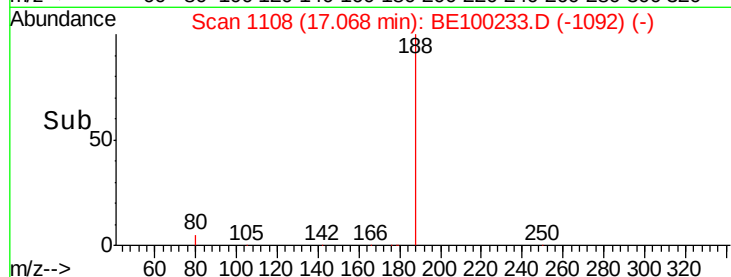
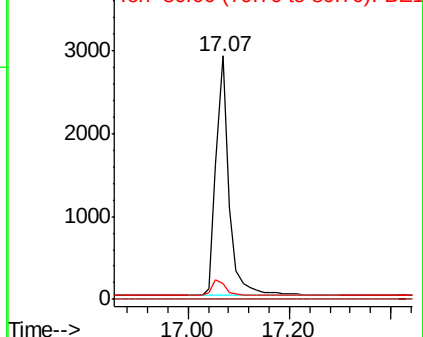
80 6.6 7.6 11.4#



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: 0.393 ng

RT: 16.26 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

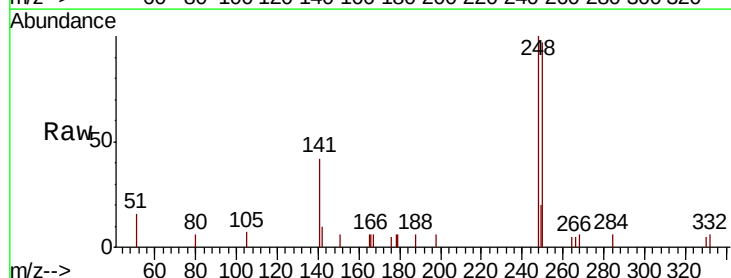
Tgt Ion:248 Resp: 1296

Ion Ratio Lower Upper

248 100

250 97.0 84.2 126.4

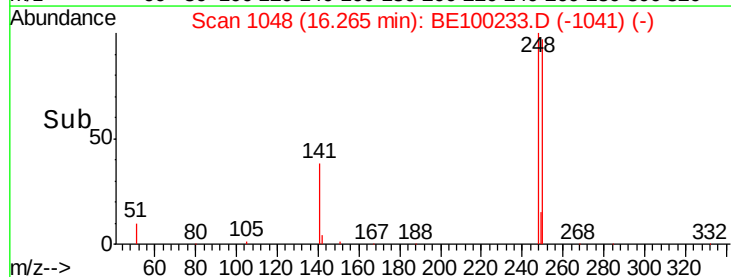
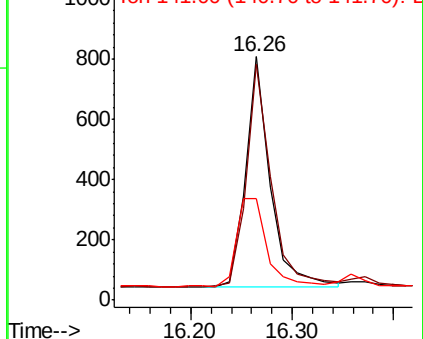
141 41.7 29.3 43.9

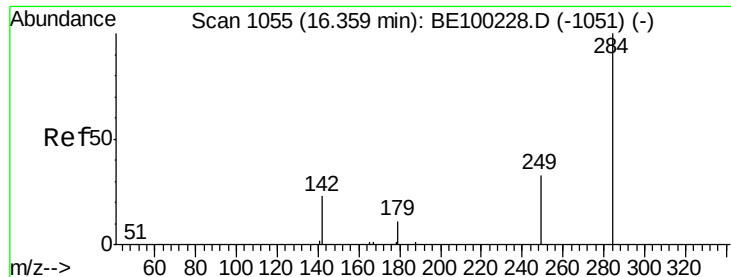


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

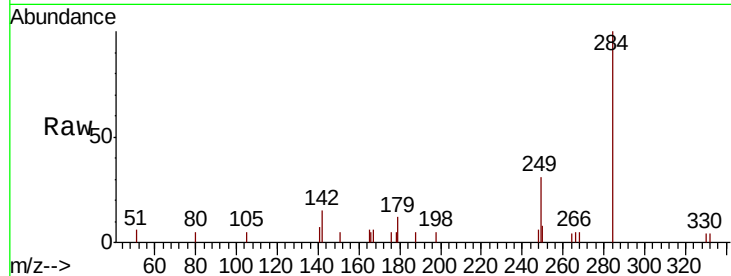




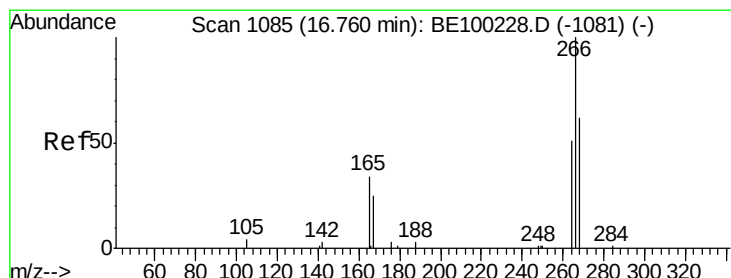
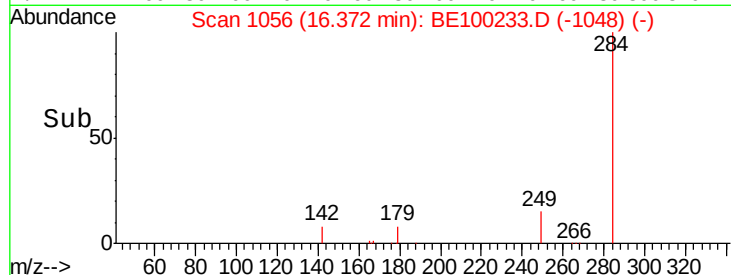
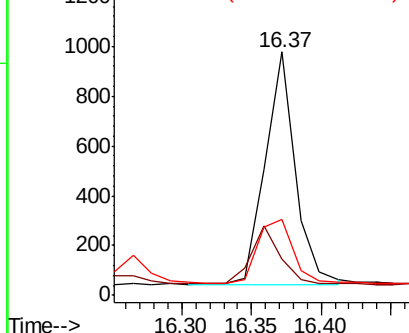
#21
Hexachlorobenzene
Concen: 0.409 ng
RT: 16.37 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 1403
Ion Ratio Lower Upper
284 100
142 24.2 18.8 28.2
249 33.1 23.7 35.5

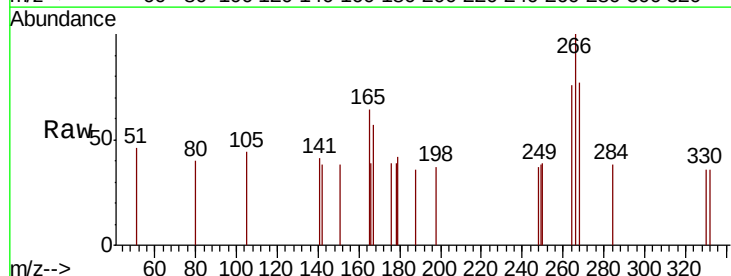


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

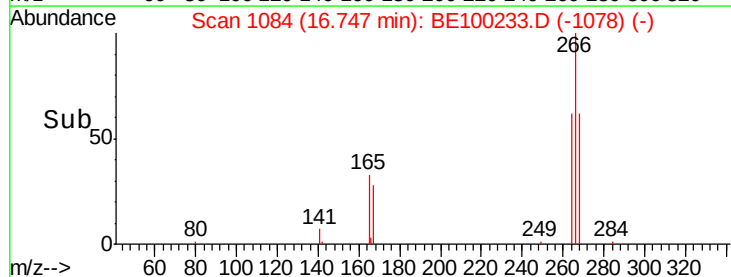
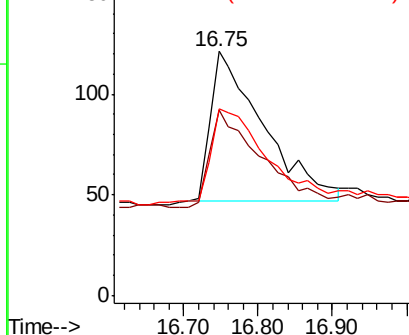


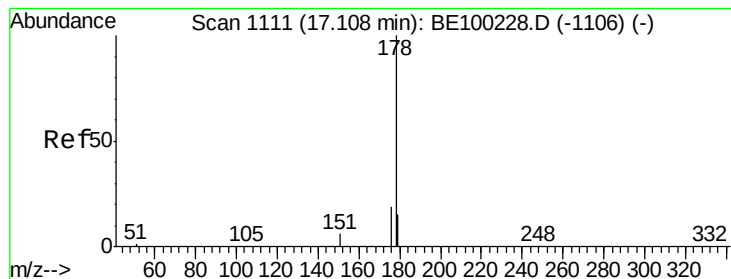
#22
Pentachlorophenol
Concen: 0.354 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:266 Resp: 365
Ion Ratio Lower Upper
266 100
264 76.0 56.2 84.2
268 76.9 61.8 92.6



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: 0.412 ng

RT: 17.11 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

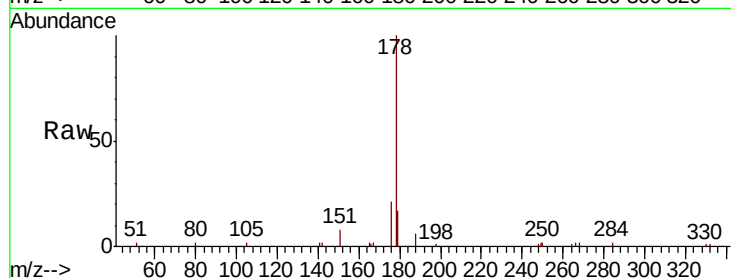
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 5161

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.5	12.2	18.2

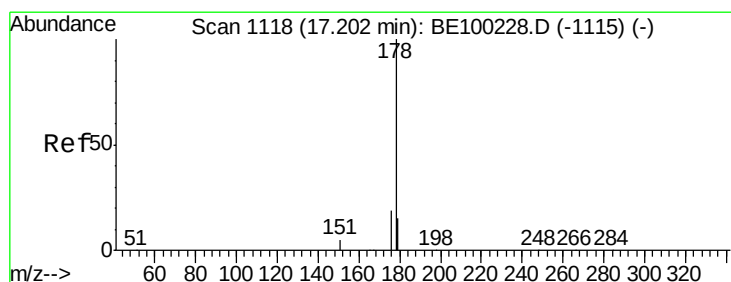
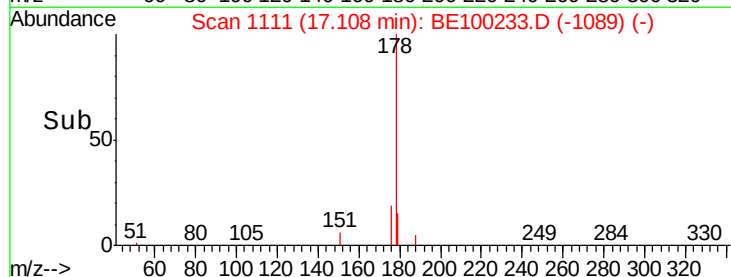
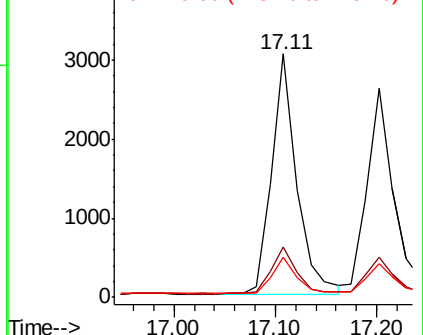


Abundance

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: 0.407 ng

RT: 17.20 min Scan# 1118

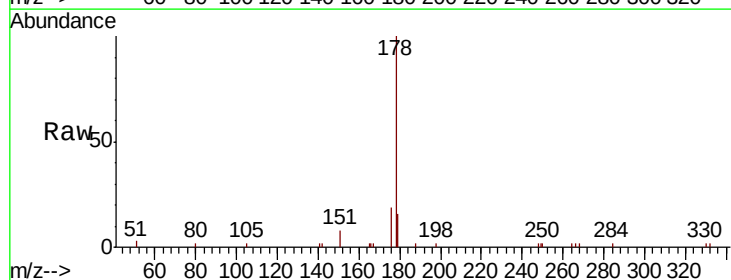
Delta R.T. 0.00 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

Tgt Ion:178 Resp: 4598

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	14.9	12.2	18.2

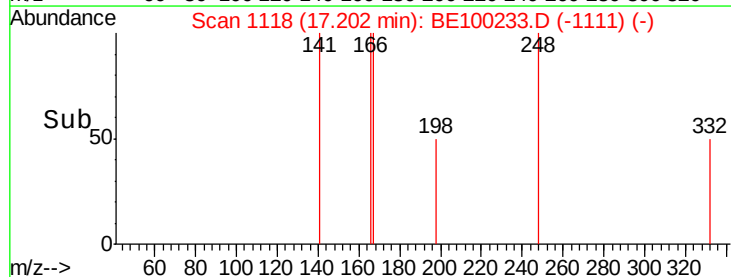
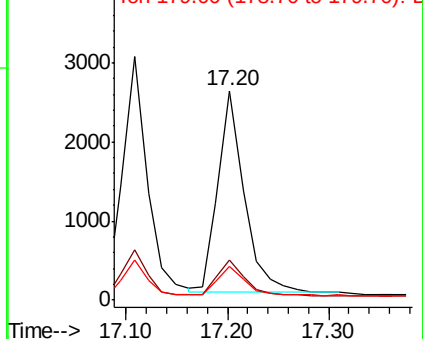


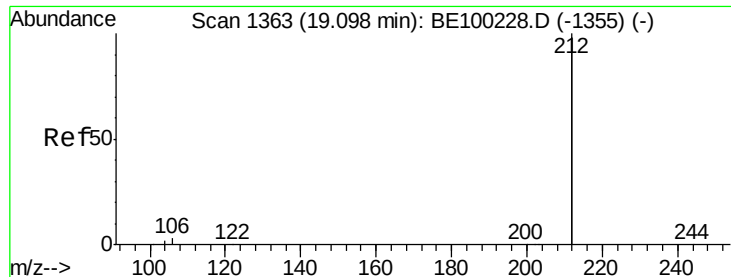
Abundance

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: 0.405 ng

RT: 19.10 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

Instrument :

BNA_E

ClientSampled :

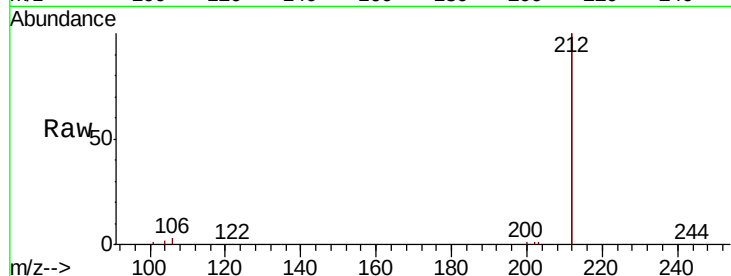
Tot Ion:212 Resp: 30423

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

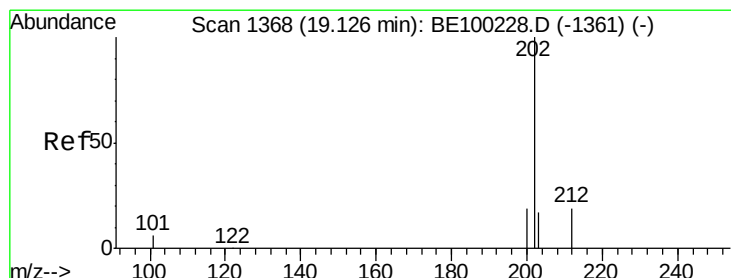
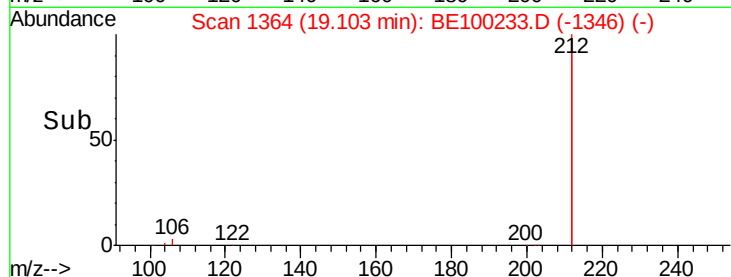
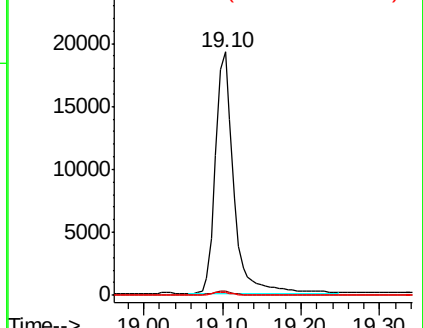
104 0.9 0.8 1.2



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: 0.411 ng

RT: 19.13 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

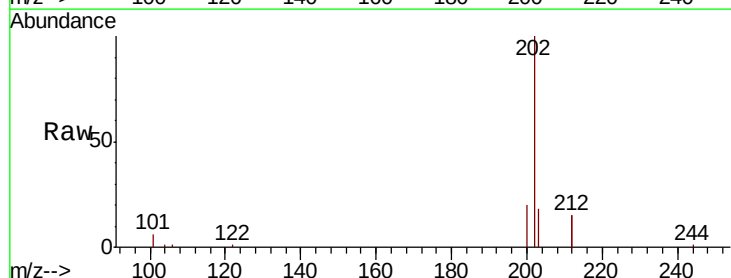
Tgt Ion:202 Resp: 8199

Ion Ratio Lower Upper

202 100

101 5.6 4.6 7.0

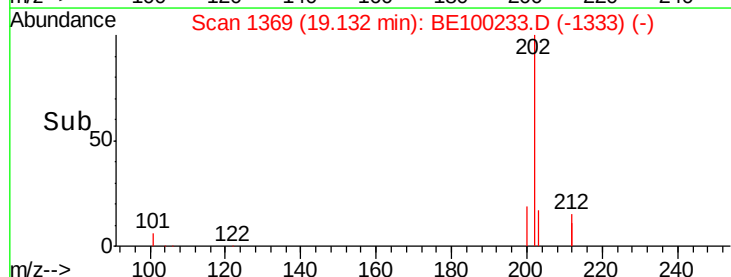
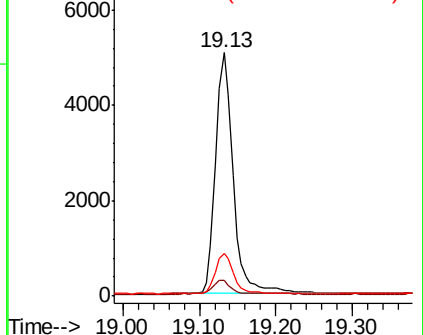
203 16.9 13.7 20.5

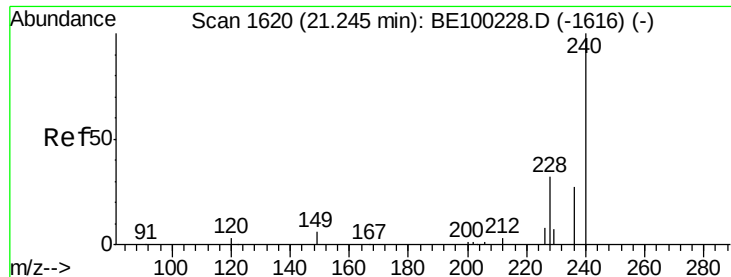


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

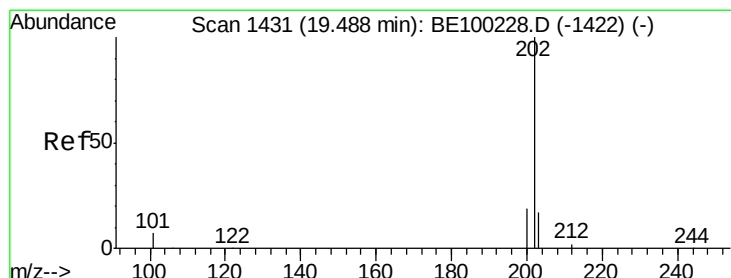
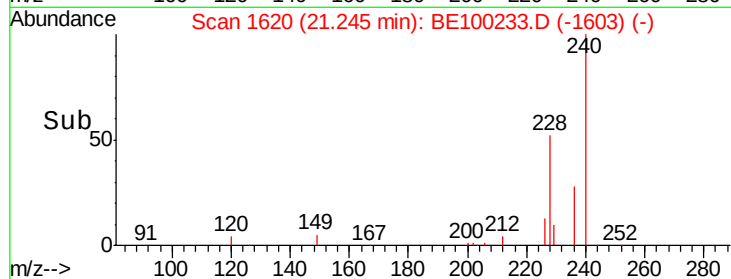
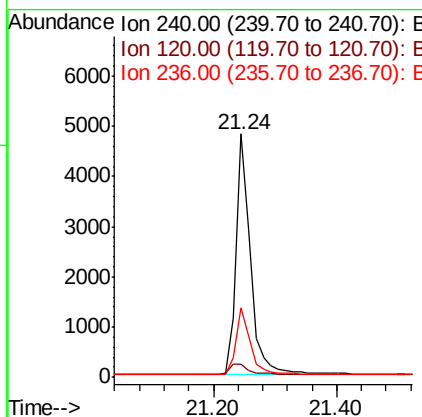
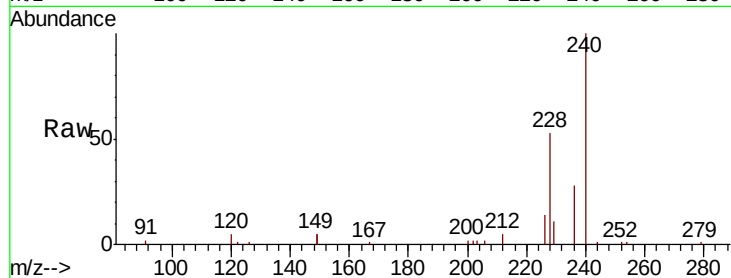




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

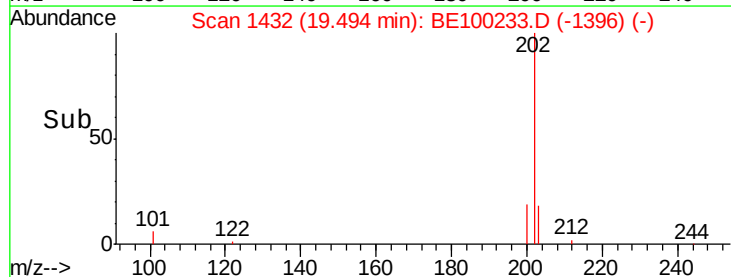
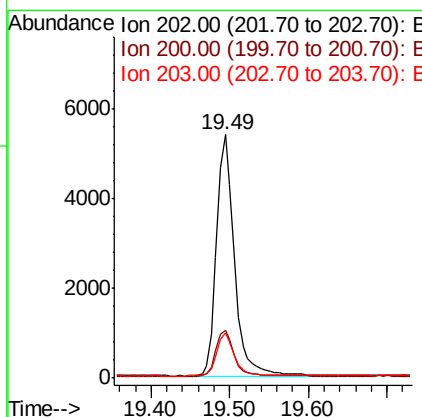
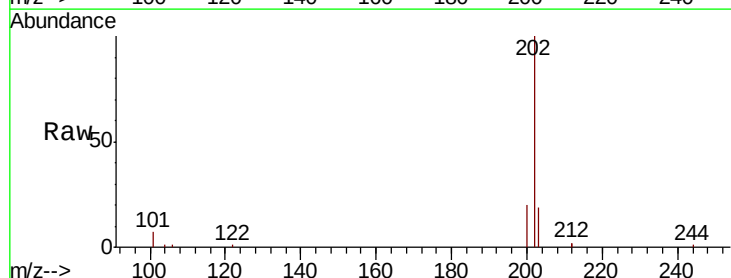
Instrument :
BNA_E
ClientSampleId :

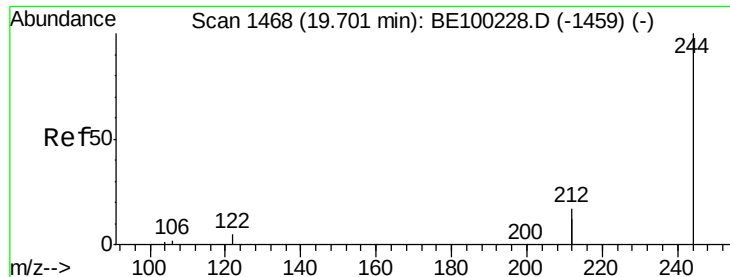
Tot Ion:240 Resp: 7715
Ion Ratio Lower Upper
240 100
120 5.4 3.3 4.9#
236 28.5 22.6 34.0



#28
Pyrene
Concen: 0.414 ng
RT: 19.49 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:202 Resp: 8456
Ion Ratio Lower Upper
202 100
200 19.4 15.6 23.4
203 17.4 14.0 21.0





#29

Terphenyl-d14

Concen: 0.408 ng

RT: 19.70 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

Instrument :

BNA_E

ClientSampleId :

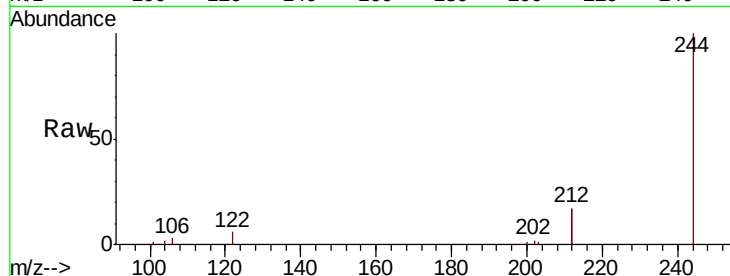
Tot Ion:244 Resp: 6528

Ion Ratio Lower Upper

244 100

212 34.3 27.3 40.9

122 6.4 4.7 7.1

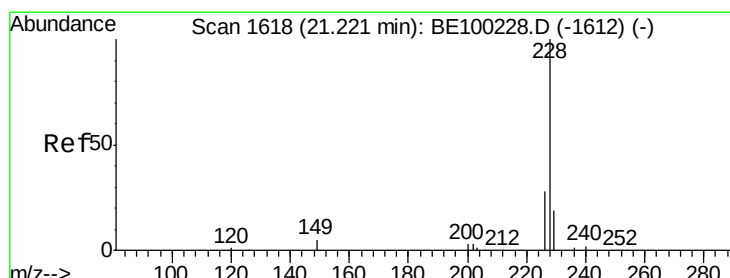
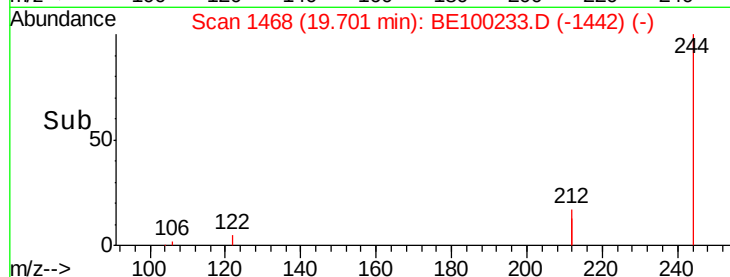
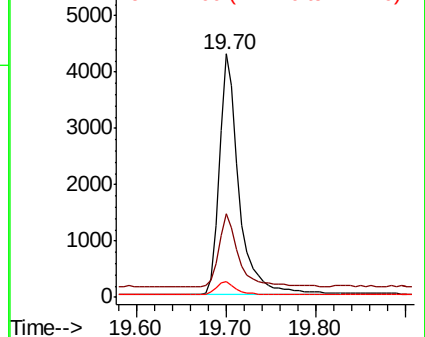


Abundance

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: 0.407 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

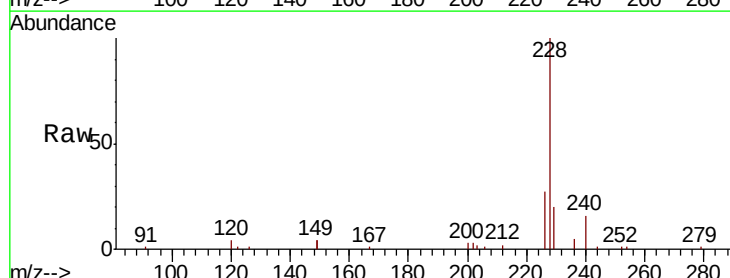
Tgt Ion:228 Resp: 10328

Ion Ratio Lower Upper

228 100

226 27.4 23.2 34.8

229 20.5 15.7 23.5

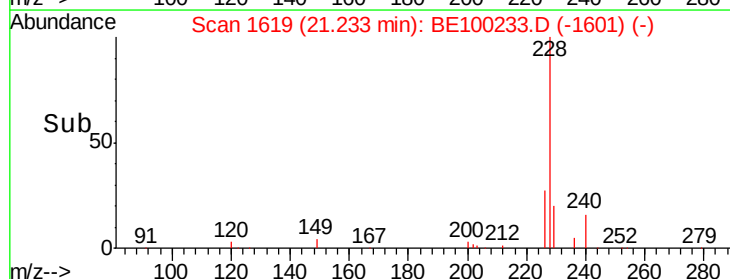
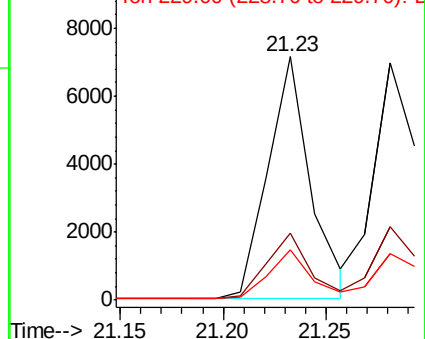


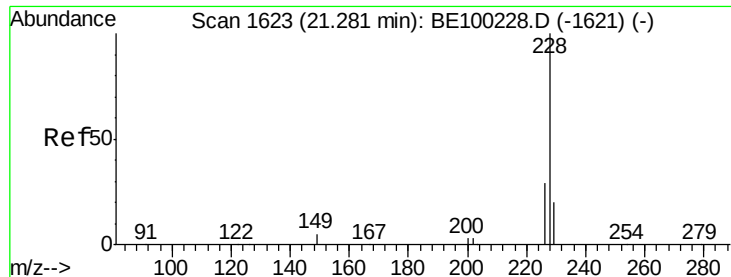
Abundance

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

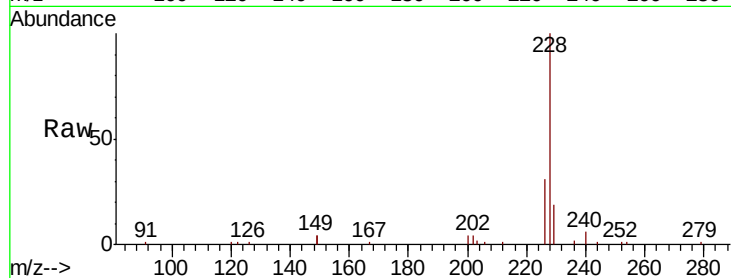




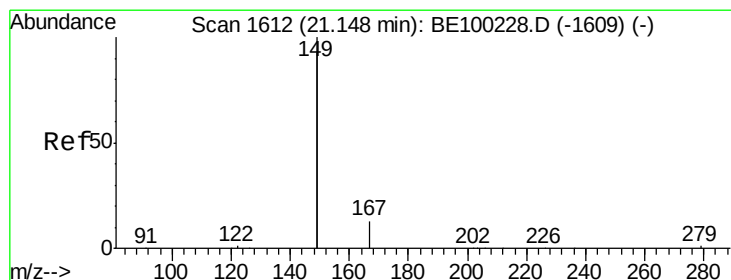
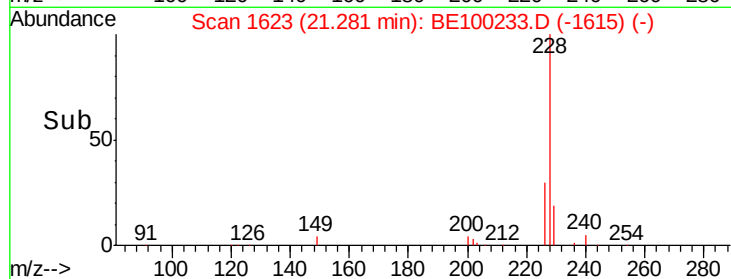
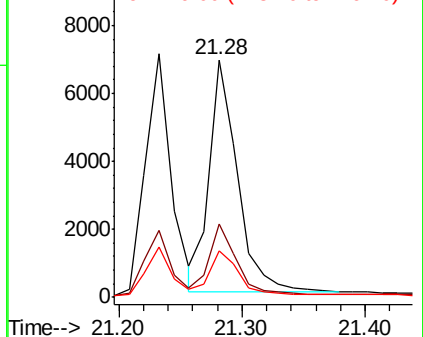
#31
 Chrysene
 Concen: 0.425 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BE100233.D
 Acq: 28 Jun 2019 14:06

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:228 Resp: 10823
 Ion Ratio Lower Upper
 228 100
 226 30.7 23.9 35.9
 229 19.3 16.5 24.7

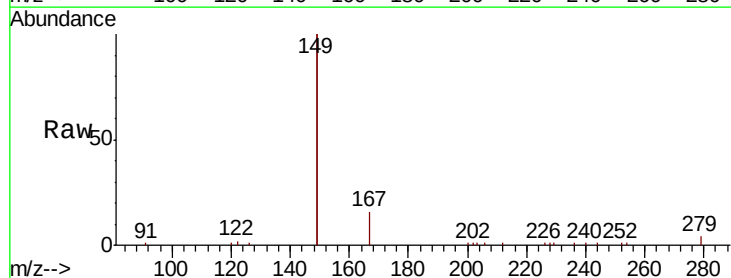


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

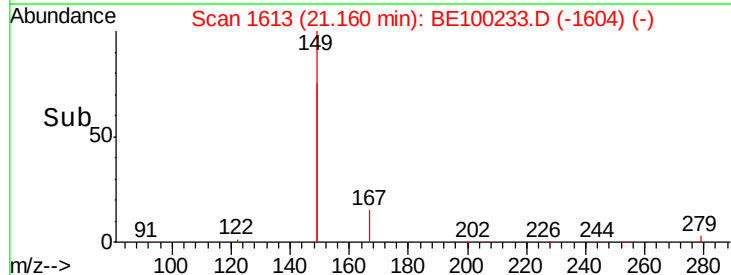
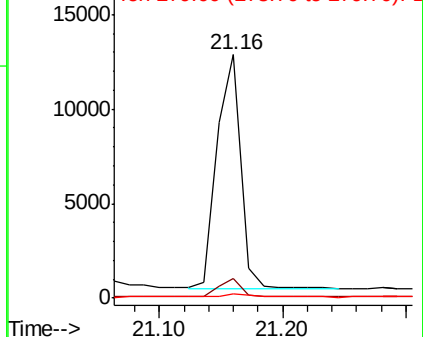


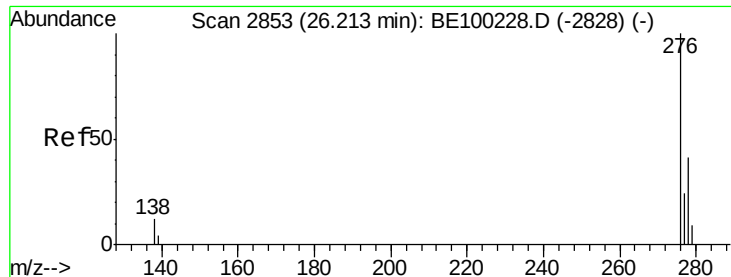
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.405 ng
 RT: 21.16 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BE100233.D
 Acq: 28 Jun 2019 14:06

Tgt Ion:149 Resp: 16602
 Ion Ratio Lower Upper
 149 100
 167 7.3 5.8 8.8
 279 1.5 1.1 1.7



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: 0.410 ng

RT: 26.22 min Scan# 2856

Delta R.T. 0.01 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

Instrument :

BNA_E

ClientSampleId :

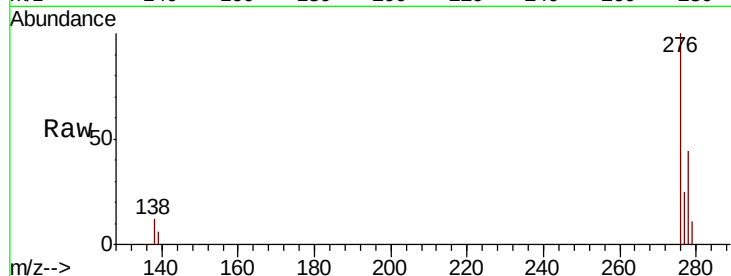
Tot Ion:276 Resp: 13819

Ion Ratio Lower Upper

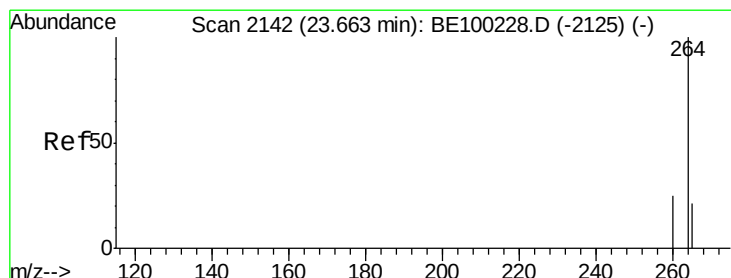
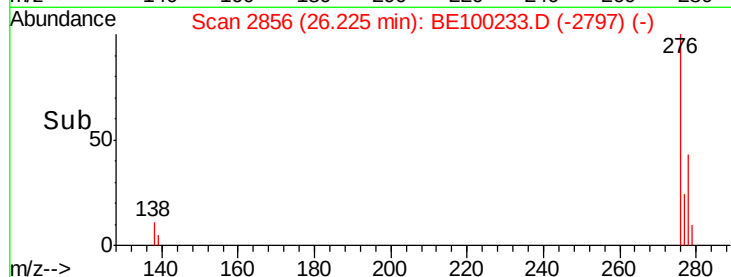
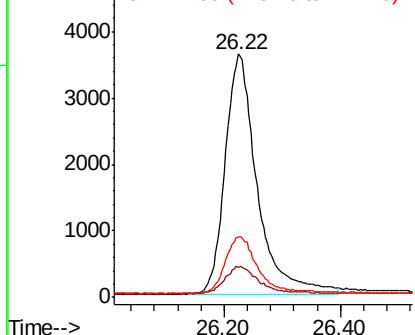
276 100

138 12.1 9.4 14.0

277 23.7 19.2 28.8



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: 23.67 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

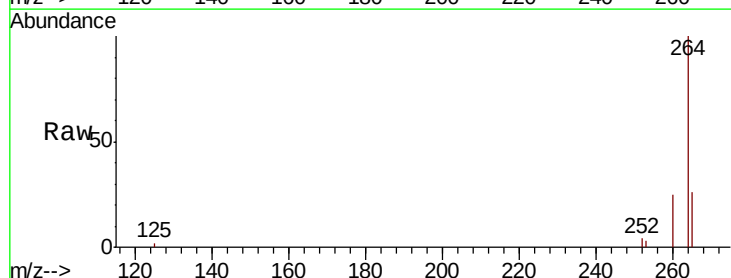
Tgt Ion:264 Resp: 9545

Ion Ratio Lower Upper

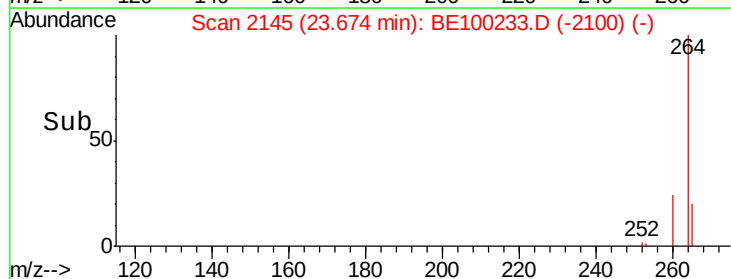
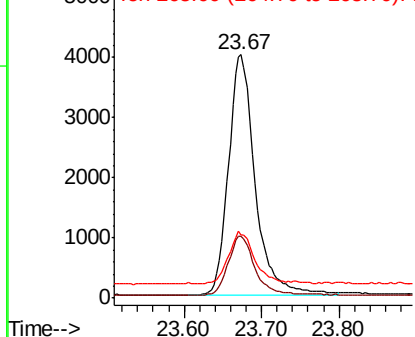
264 100

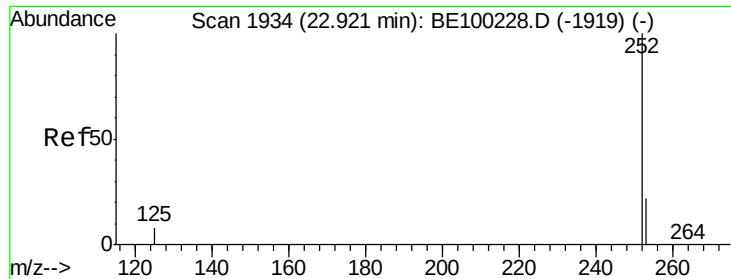
260 25.2 20.8 31.2

265 26.1 21.8 32.6



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: 0.415 ng

RT: 22.93 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

Instrument :

BNA_E

ClientSampleId :

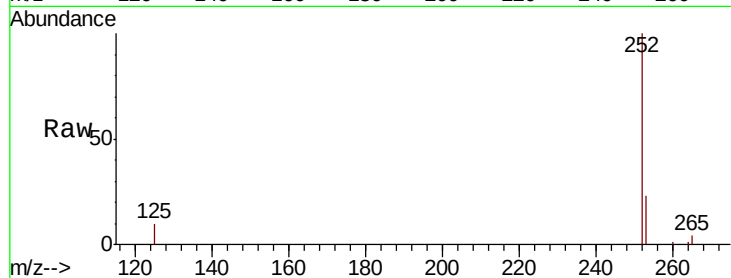
Tot Ion:252 Resp: 10731

Ion Ratio Lower Upper

252 100

253 23.2 19.2 28.8

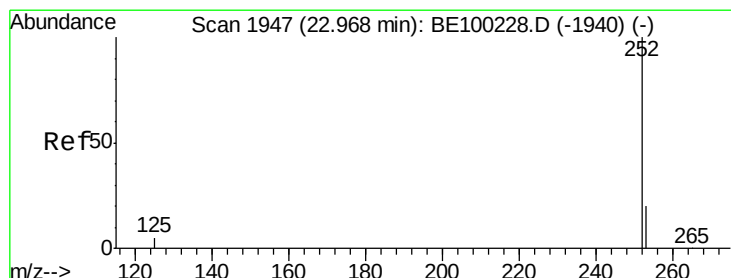
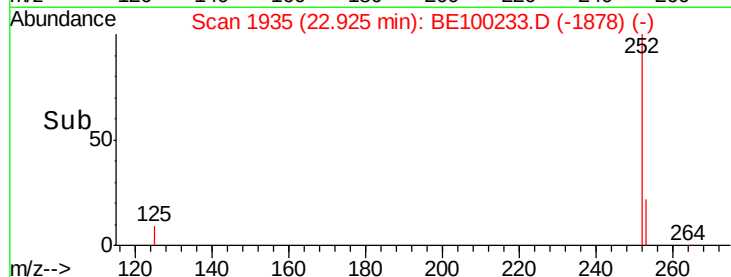
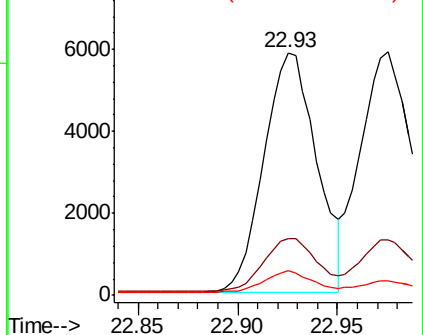
125 10.0 7.4 11.0



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: 0.419 ng

RT: 22.98 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

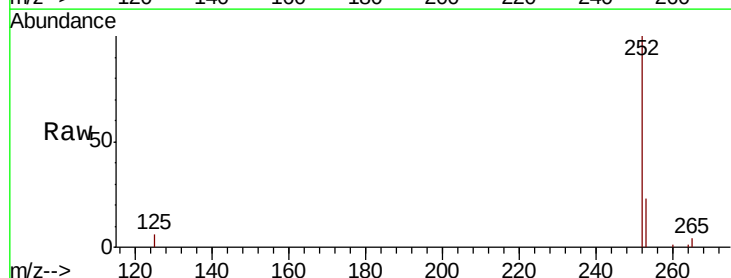
Tgt Ion:252 Resp: 12112

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

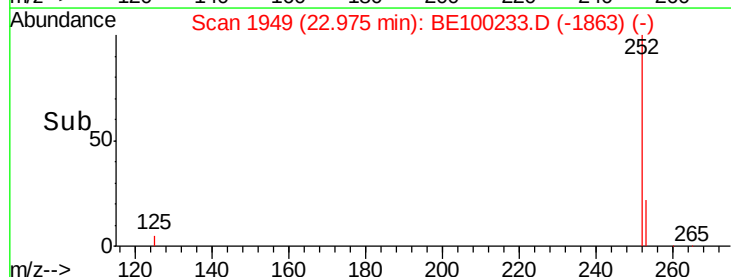
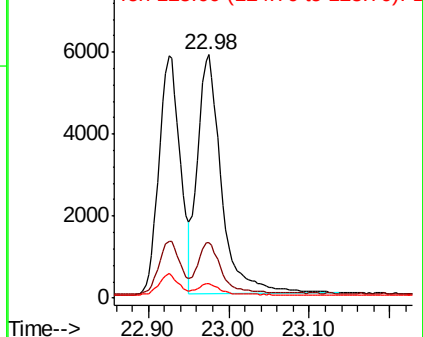
125 6.2 5.0 7.4

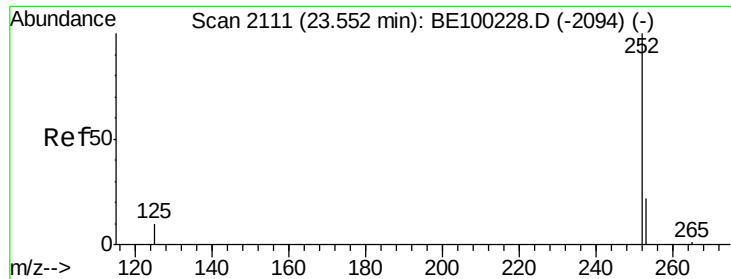


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.421 ng

RT: 23.56 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

Instrument :

BNA_E

ClientSampleId :

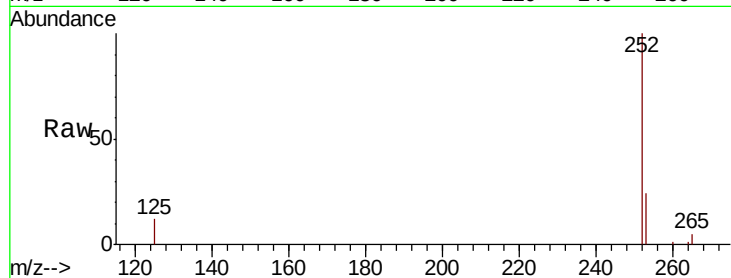
Tot Ion:252 Resp: 10924

Ion Ratio Lower Upper

252 100

253 24.4 19.6 29.4

125 12.1 9.0 13.6

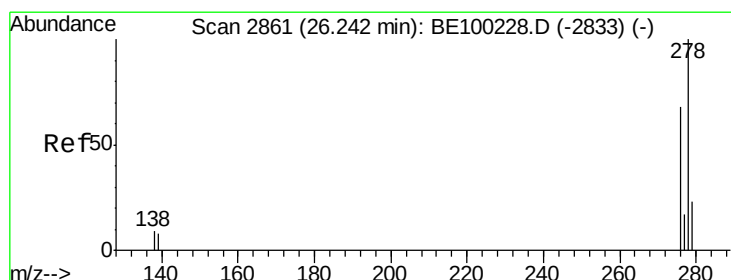
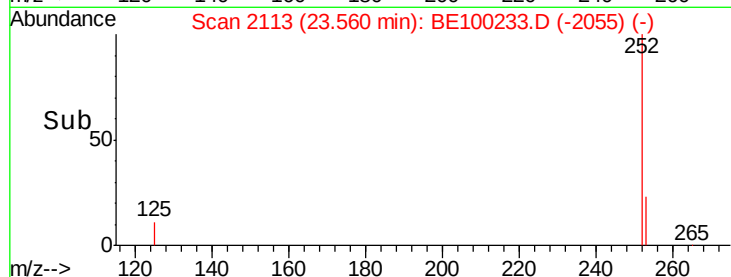
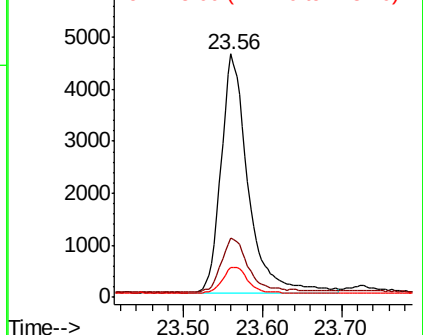


Abundance

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: 0.396 ng

RT: 26.25 min Scan# 2863

Delta R.T. 0.01 min

Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

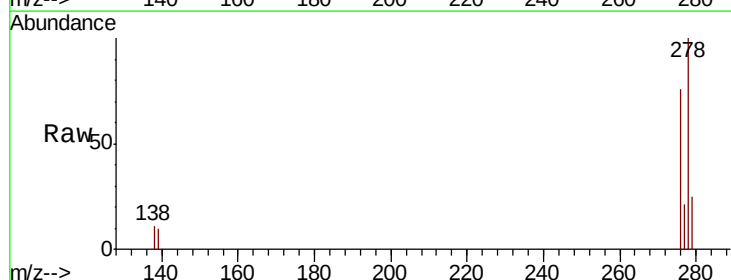
Tgt Ion:278 Resp: 10728

Ion Ratio Lower Upper

278 100

139 9.8 8.2 12.2

279 25.4 20.3 30.5

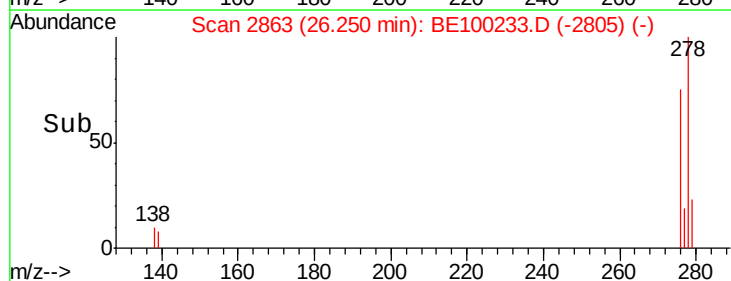
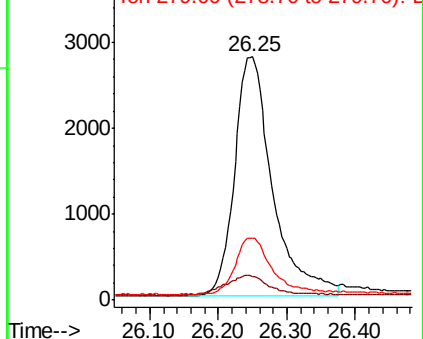


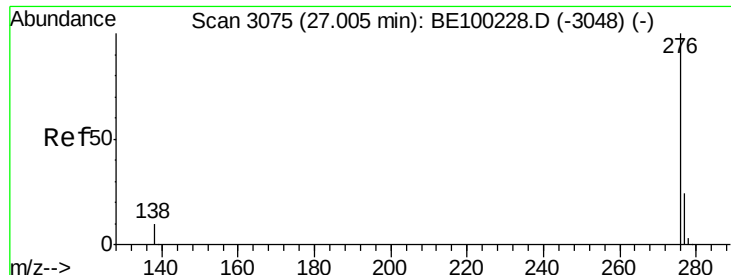
Abundance

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: 0.403 ng

RT: 27.01 min Scan# 3076

Delta R.T. 0.00 min

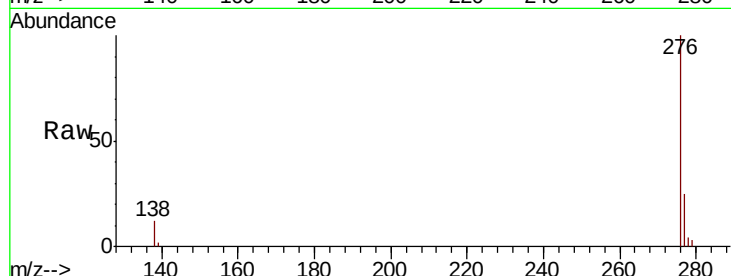
Lab File: BE100233.D

Acq: 28 Jun 2019 14:06

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 11222

Ion Ratio Lower Upper

276 100

277 25.0 20.2 30.2

138 11.6 9.0 13.6

Abundance Ion 276.00 (275.70 to 276.70): E
 4000 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

