

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
 Data File : BE100232.D
 Acq On : 28 Jun 2019 12:49
 Operator : JU/SJ
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 28 13:54:30 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 12:13:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	737	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	2632	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2069	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6251	0.40	ng	0.00
27) Chrysene-d12	21.25	240	9550	0.40	ng	0.00
34) Perylene-d12	23.66	264	11384	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	9529	5.82	ng	0.00
5) Phenol-d6	6.81	99	13209	5.86	ng	-0.02
8) Nitrobenzene-d5	8.80	82	14678	5.60	ng	-0.03
11) 2-Methylnaphthalene-d10	12.04	152	25824	5.23	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	8609	7.19	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	38925	4.69	ng	-0.01
25) Fluoranthene-d10	19.09	212	484336	5.38	ng	0.00
29) Terphenyl-d14	19.70	244	100627	5.37	ng	0.00

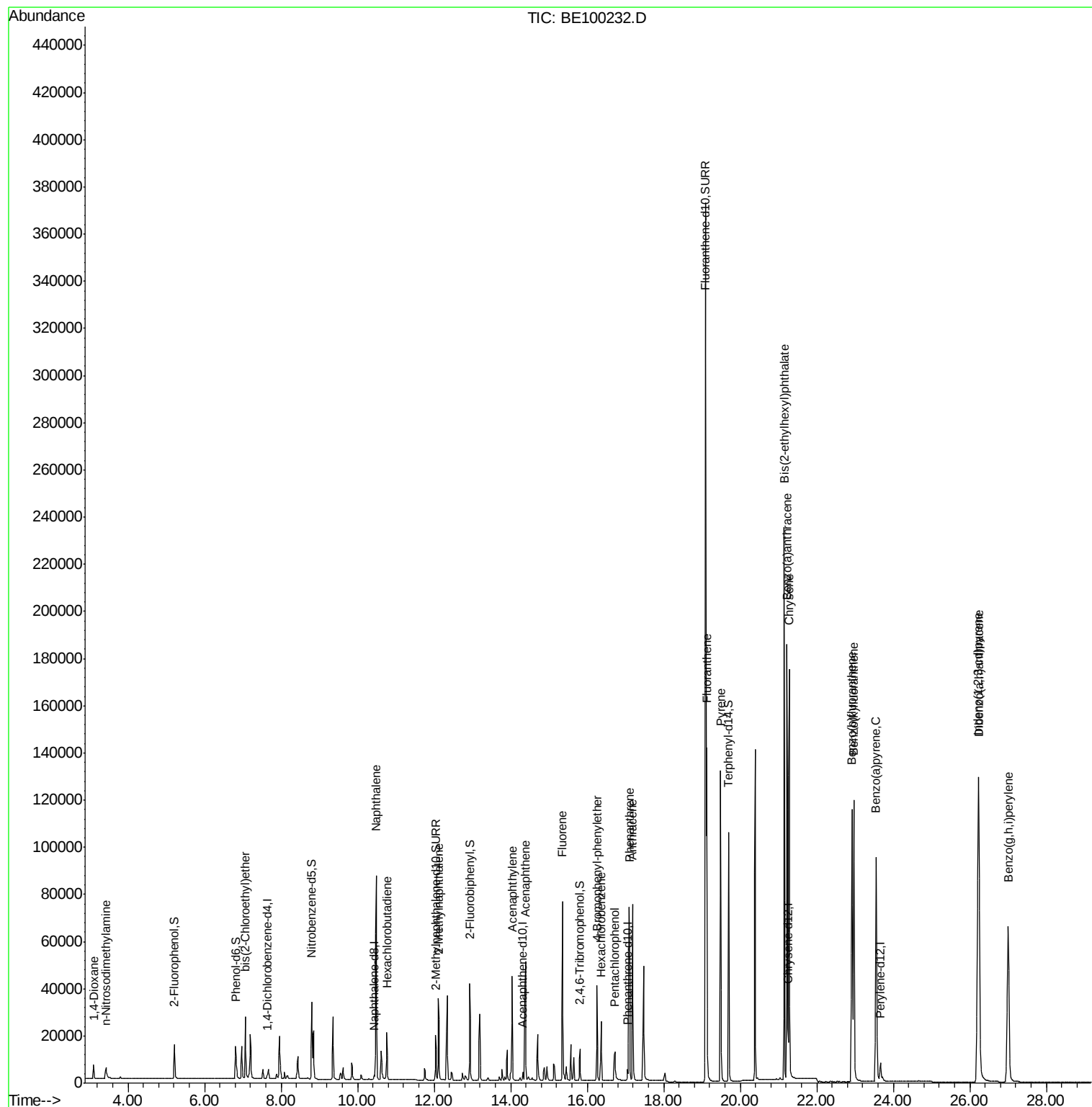
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	4984	4.321	ng	96
3) n-Nitrosodimethylamine	3.42	42	3796	8.894	ng	# 82
6) bis(2-Chloroethyl)ether	7.07	93	11516	5.580	ng	# 69
9) Naphthalene	10.48	128	139542	4.858	ng	# 97
10) Hexachlorobutadiene	10.76	225	13524	4.560	ng	98
12) 2-Methylnaphthalene	12.11	142	24911	5.386	ng	97
16) Acenaphthylene	14.04	152	49049	4.862	ng	99
17) Acenaphthene	14.38	154	27928	4.940	ng	99
18) Fluorene	15.35	166	41260	5.046	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	20670	5.328	ng	92
21) Hexachlorobenzene	16.36	284	20922	4.916	ng	97
22) Pentachlorophenol	16.72	266	8979	8.967	ng	89
23) Phenanthrene	17.09	178	77869	5.259	ng	100
24) Anthracene	17.19	178	76266	6.098	ng	100
26) Fluoranthene	19.12	202	124620	5.173	ng	99
28) Pyrene	19.49	202	128192	5.242	ng	100
30) Benzo(a)anthracene	21.22	228	165084	5.863	ng	99
31) Chrysene	21.28	228	156441	4.737	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	225853	6.979	ng	100
33) Indeno(1,2,3-cd)pyrene	26.22	276	205718	4.376	ng	99
35) Benzo(b)fluoranthene	22.92	252	162729	5.315	ng	# 94
36) Benzo(k)fluoranthene	22.97	252	171178	4.672	ng	# 98
37) Benzo(a)pyrene	23.55	252	156844	4.944	ng	# 92
38) Dibenzo(a,h)anthracene	26.24	278	169836	5.005	ng	# 95
39) Benzo(g,h,i)perylene	27.00	276	166947	4.712	ng	96

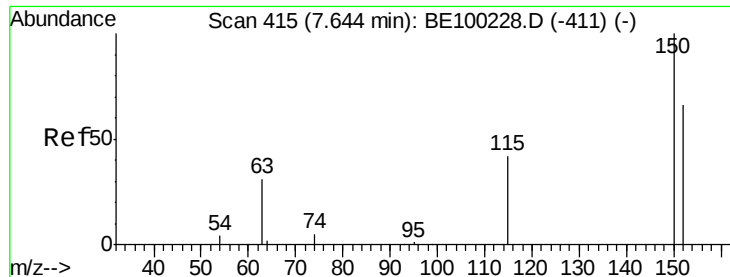
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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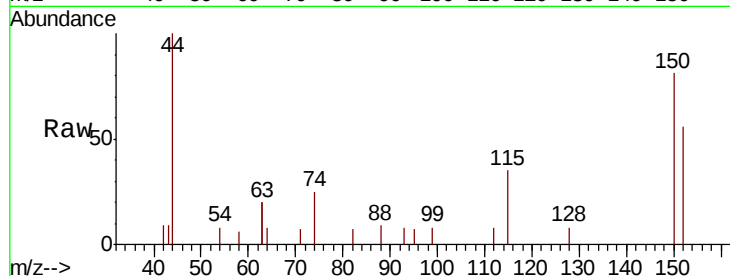


#1

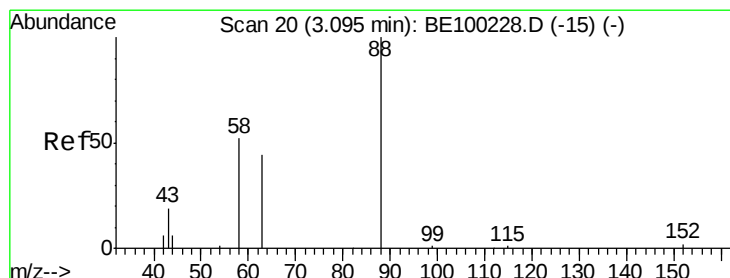
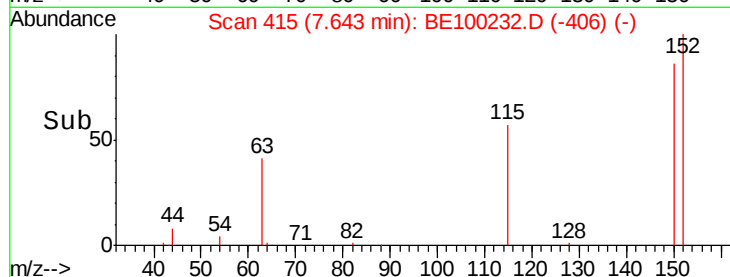
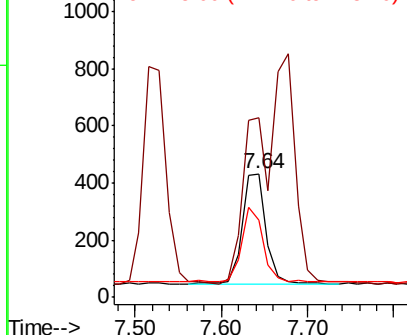
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 737
Ion Ratio Lower Upper
152 100
150 145.1 114.5 171.7
115 63.0 57.1 85.7



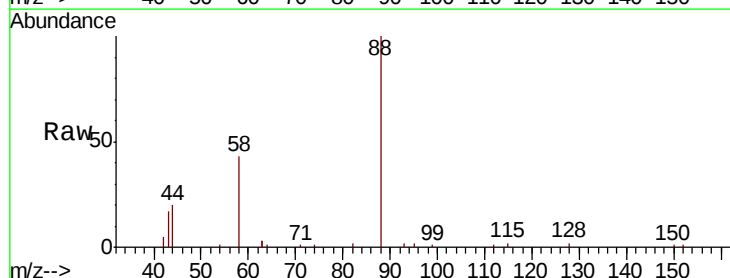
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



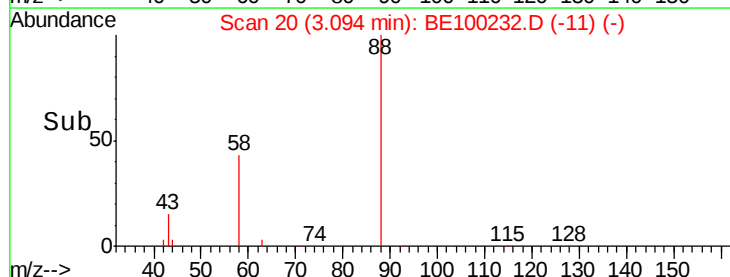
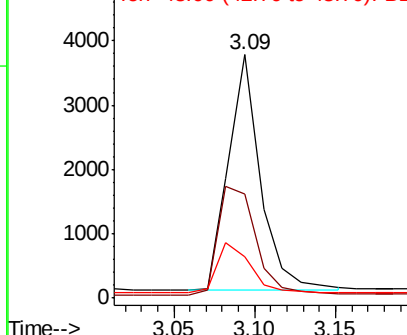
#2

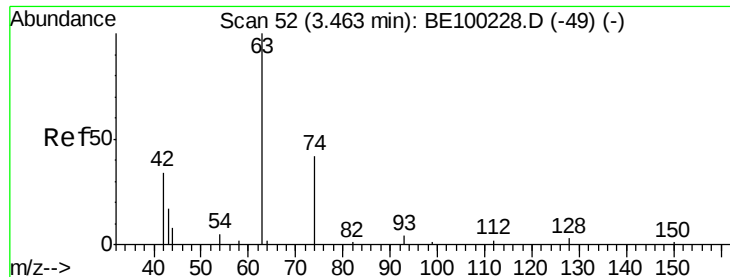
1,4-Dioxane
Concen: 4.321 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion: 88 Resp: 4984
Ion Ratio Lower Upper
88 100
58 55.8 43.6 65.4
43 22.6 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: 8.894 ng

RT: 3.42 min Scan# 48

Delta R.T. -0.05 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

Instrument :

BNA_E

ClientSampled :

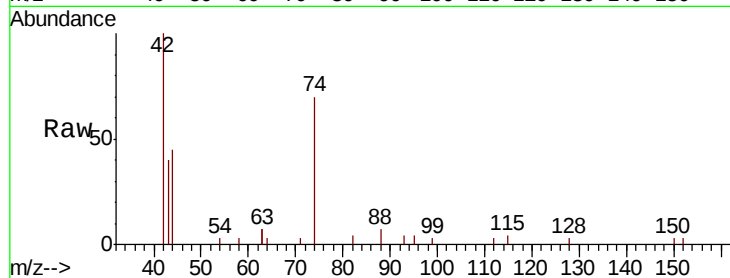
Tot Ion: 42 Resp: 3796

Ion Ratio Lower Upper

42 100

74 155.7 130.6 196.0

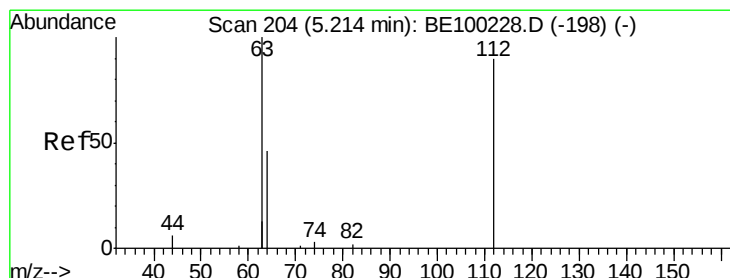
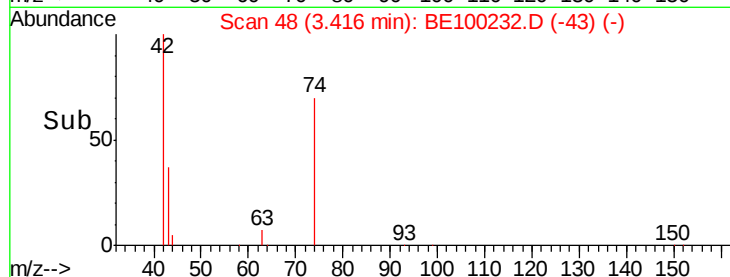
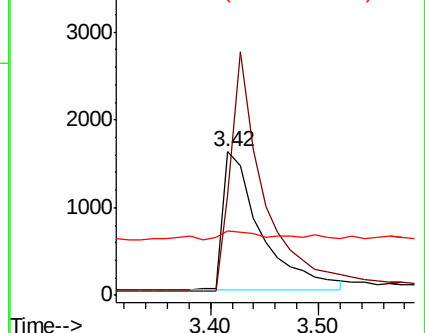
44 8.0 38.0 57.0#



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: 5.815 ng

RT: 5.21 min Scan# 204

Delta R.T. -0.00 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

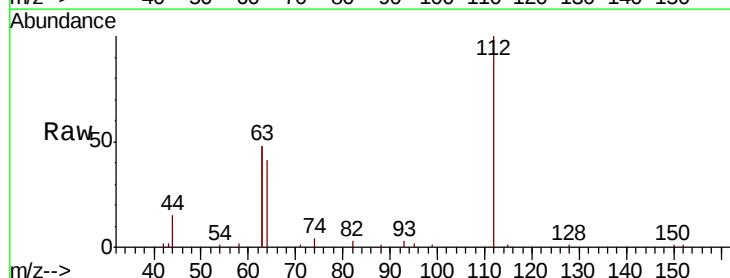
Tgt Ion: 112 Resp: 9529

Ion Ratio Lower Upper

112 100

64 54.9 39.4 59.0

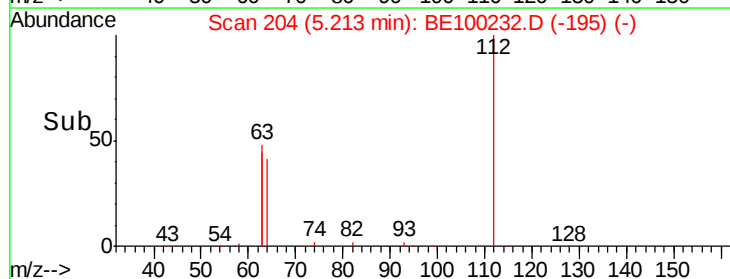
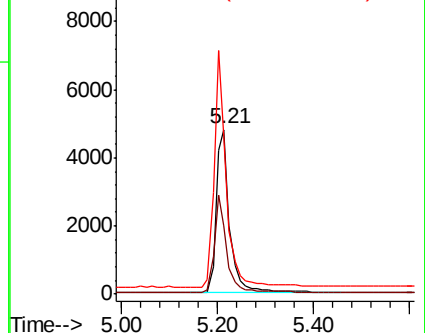
63 130.3 104.5 156.7

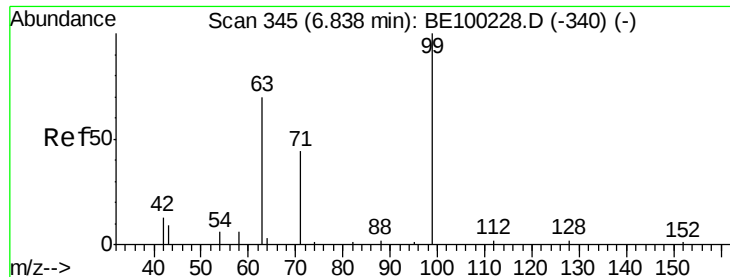


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 5.861 ng

RT: 6.81 min Scan# 343

Delta R.T. -0.02 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

Instrument :

BNA_E

ClientSampleId :

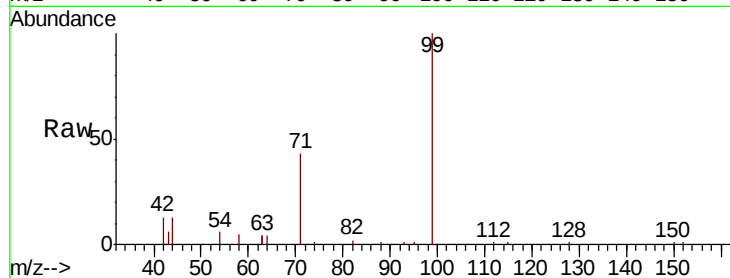
Tot Ion: 99 Resp: 13209

Ion Ratio Lower Upper

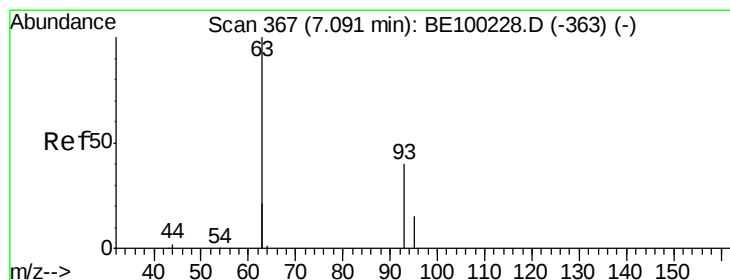
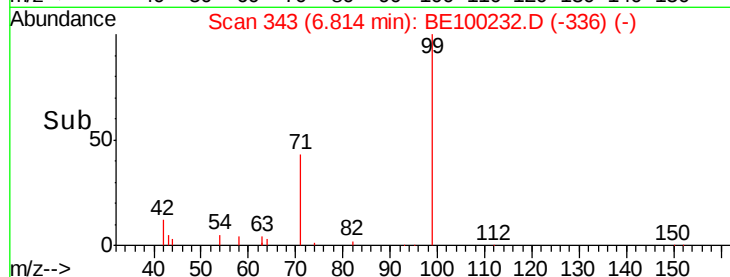
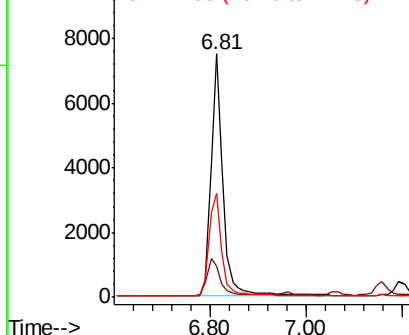
99 100

42 16.3 11.2 16.8

71 45.0 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: 5.580 ng

RT: 7.07 min Scan# 365

Delta R.T. -0.02 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

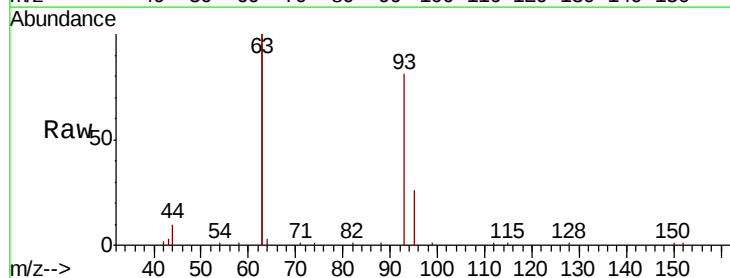
Tgt Ion: 93 Resp: 11516

Ion Ratio Lower Upper

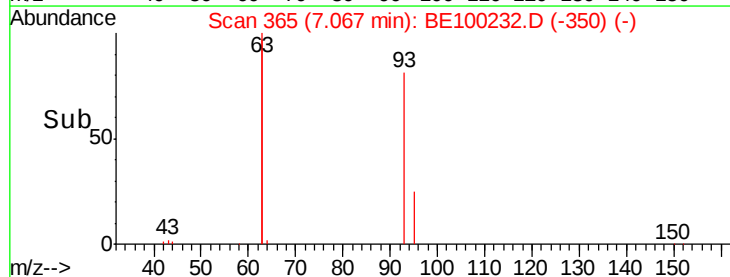
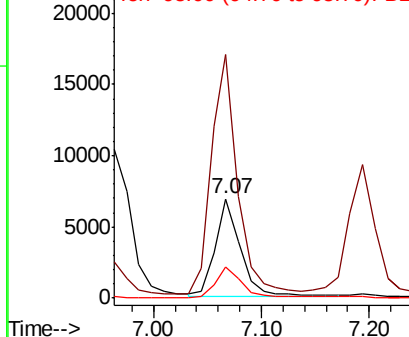
93 100

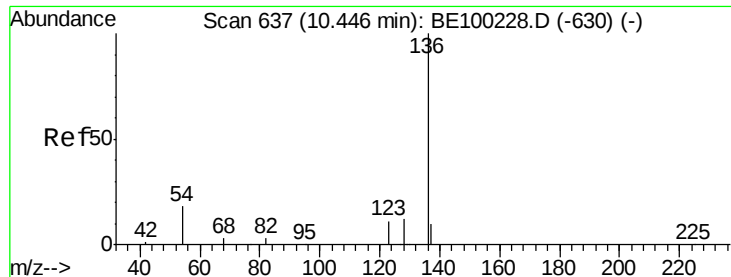
63 246.2 155.6 233.4#

95 30.2 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: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2632

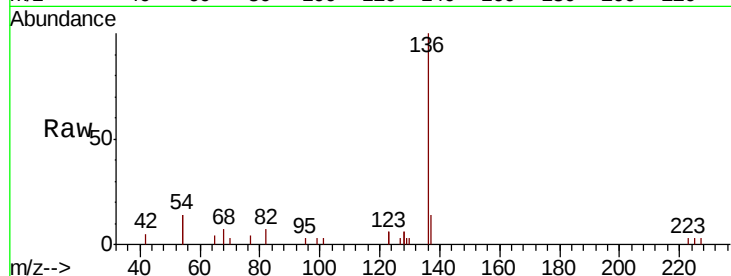
Ion Ratio Lower Upper

136 100

137 13.9 11.8 17.8

54 28.7 27.7 41.5

68 6.9 6.8 10.2

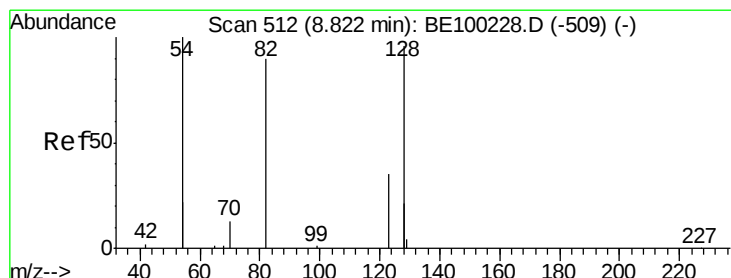
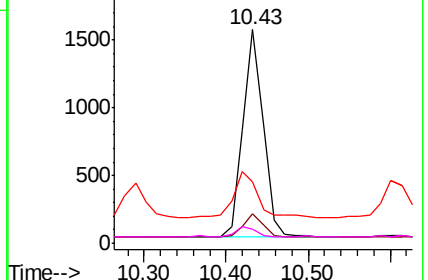
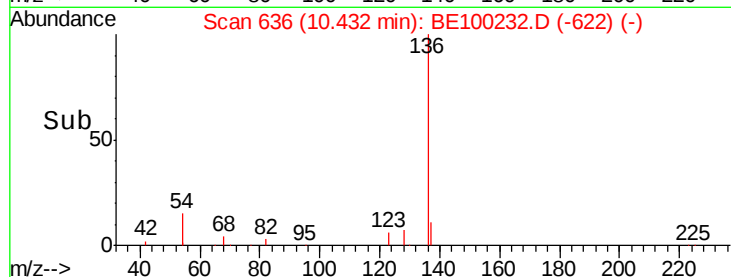


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.604 ng

RT: 8.80 min Scan# 510

Delta R.T. -0.03 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

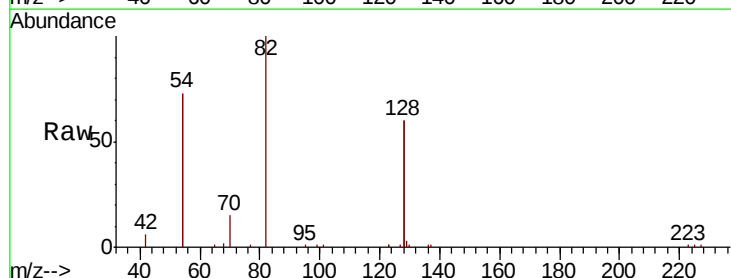
Tgt Ion: 82 Resp: 14678

Ion Ratio Lower Upper

82 100

128 119.2 140.9 211.3#

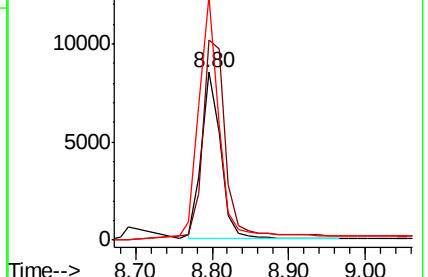
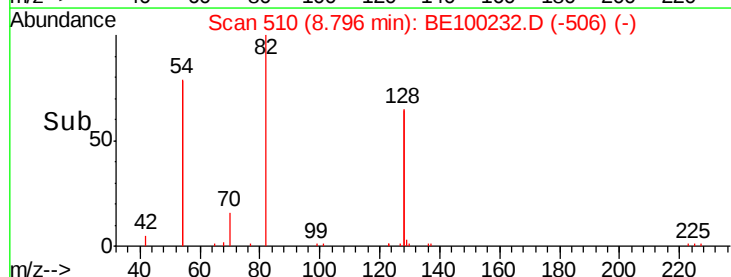
54 145.2 146.2 219.2#

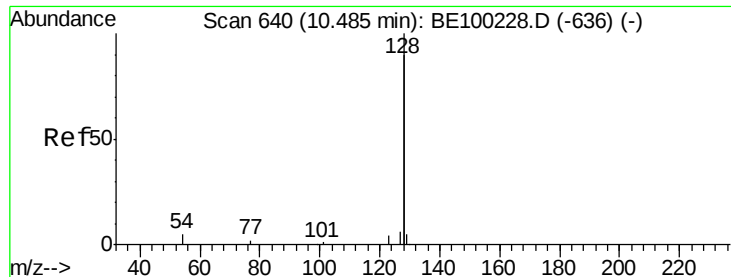


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 4.858 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

Instrument :

BNA_E

ClientSampled :

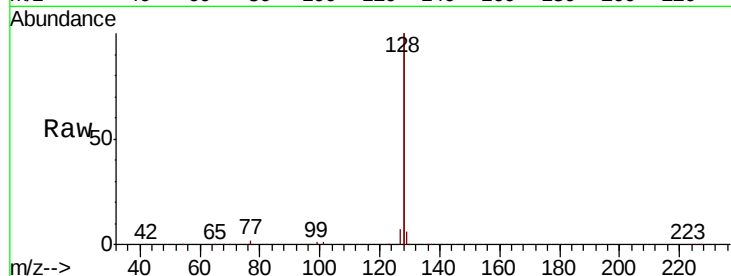
Tot Ion:128 Resp: 139542

Ion Ratio Lower Upper

128 100

129 2.8 3.0 4.6#

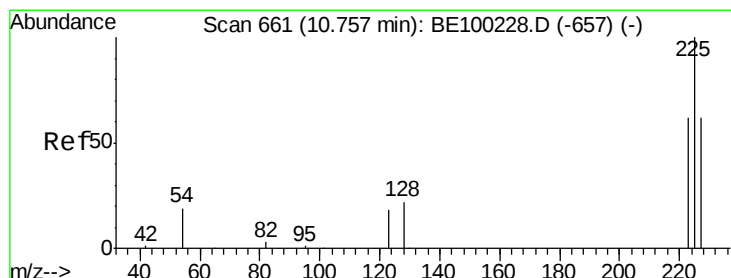
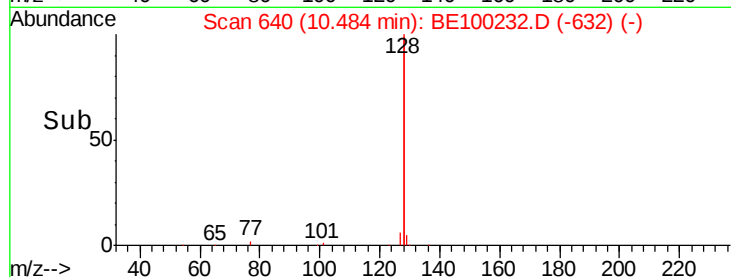
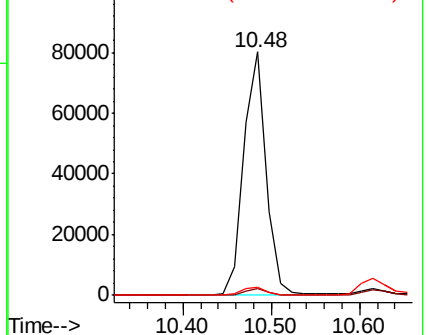
127 3.3 3.5 5.3#



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: 4.560 ng

RT: 10.76 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

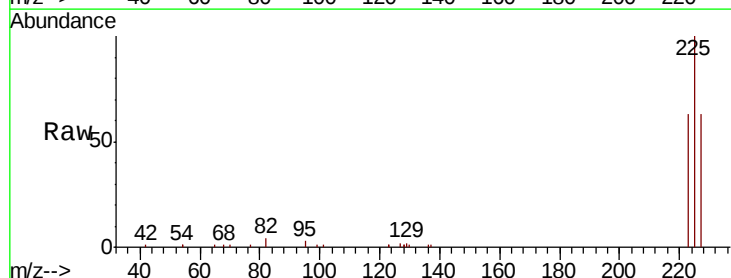
Tgt Ion:225 Resp: 13524

Ion Ratio Lower Upper

225 100

223 62.4 49.1 73.7

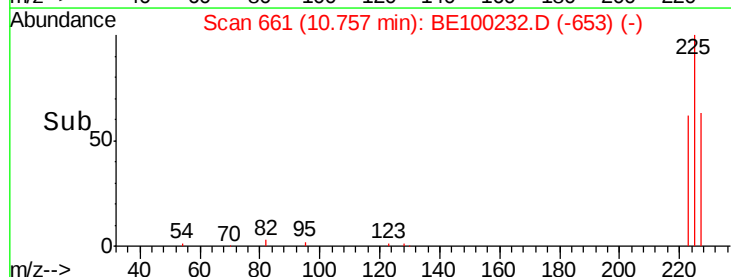
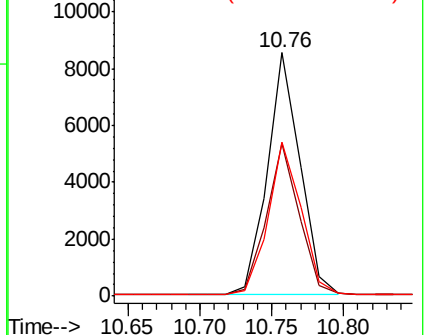
227 63.6 49.3 73.9

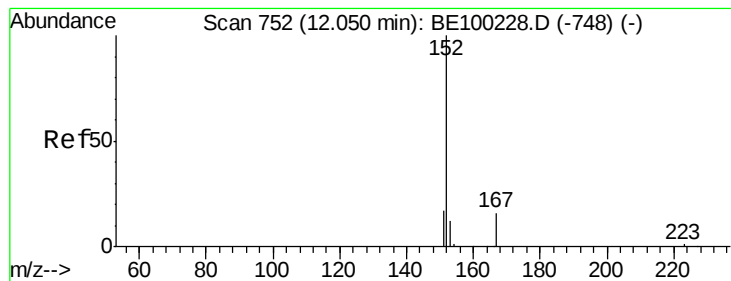


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 5.233 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

Instrument :

BNA_E

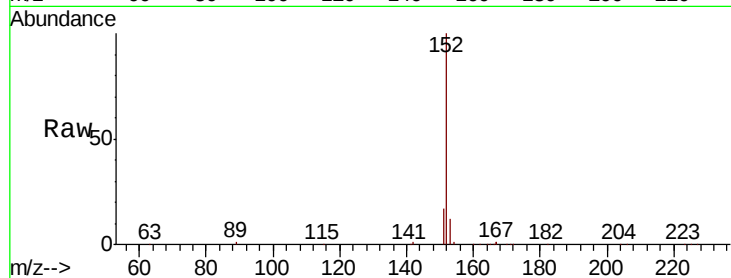
ClientSampleId :

Tot Ion:152 Resp: 25824

Ion Ratio Lower Upper

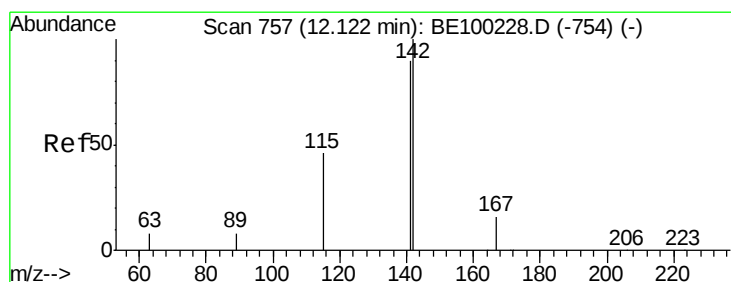
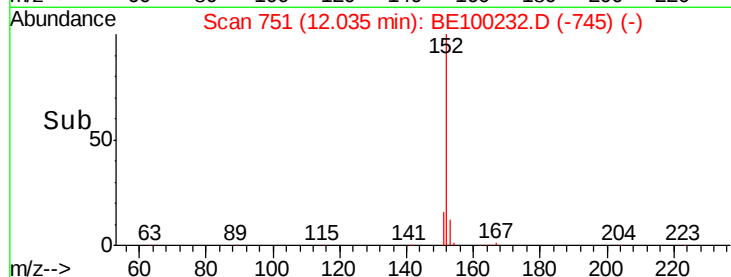
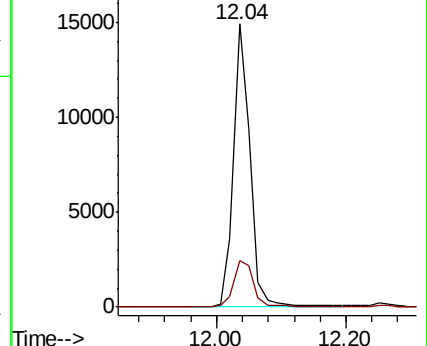
152 100

151 19.2 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: 5.386 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

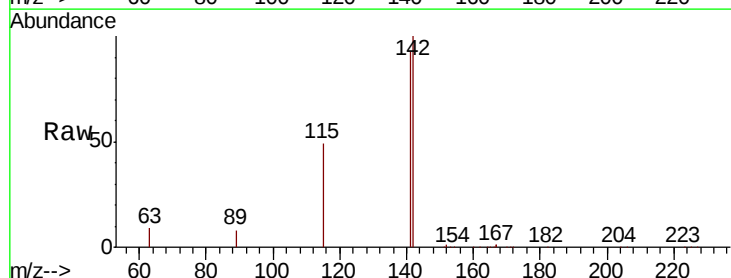
Tgt Ion:142 Resp: 24911

Ion Ratio Lower Upper

142 100

141 93.4 72.4 108.6

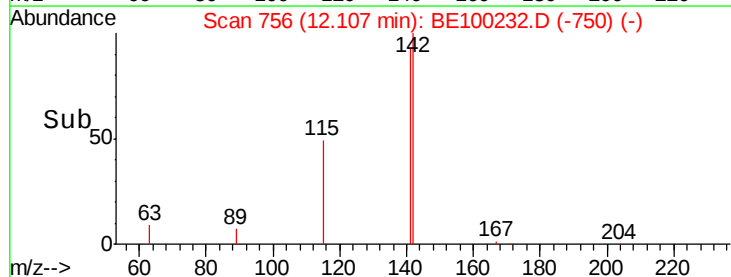
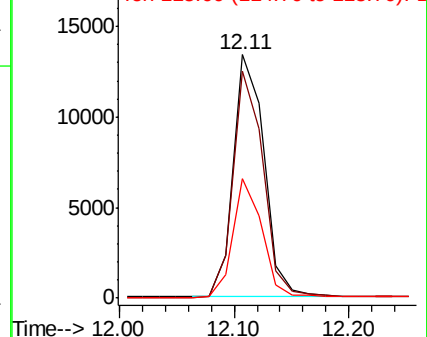
115 49.2 40.4 60.6

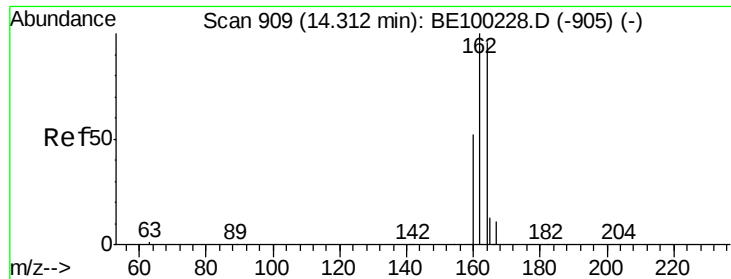


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

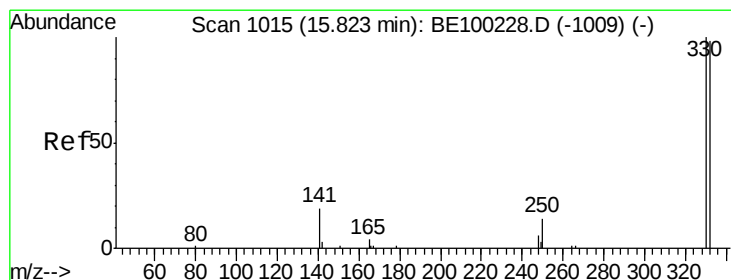
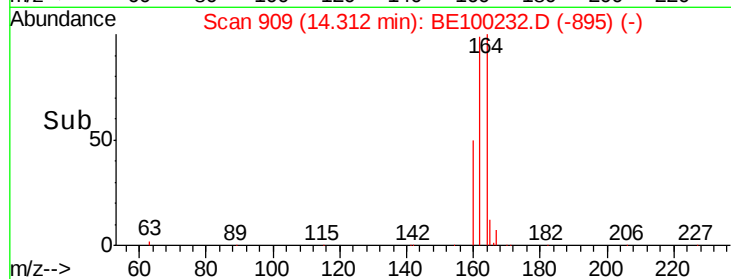
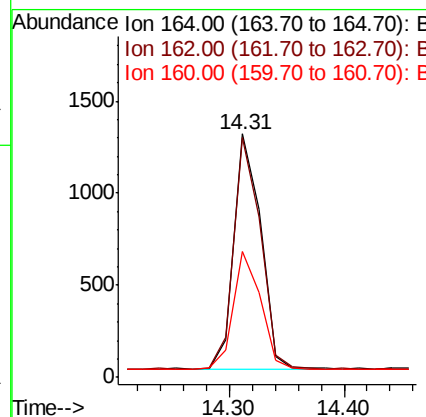
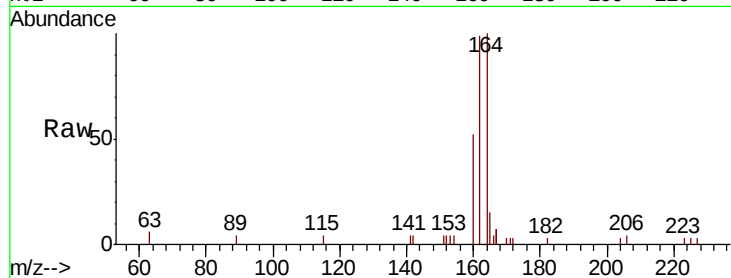




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

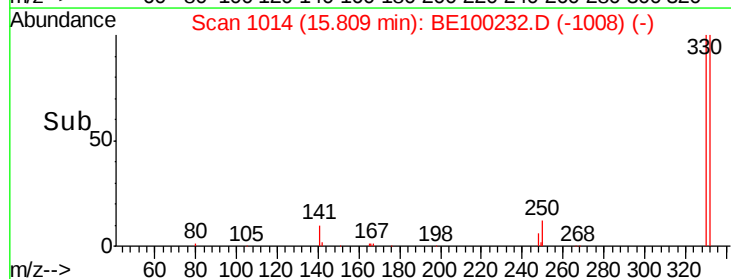
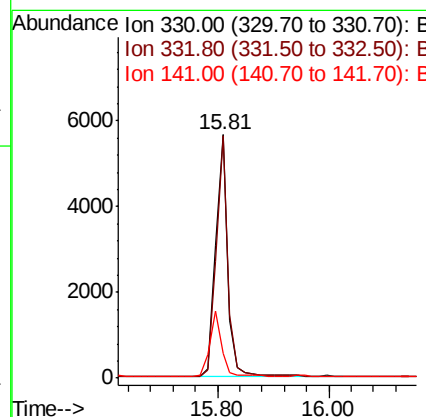
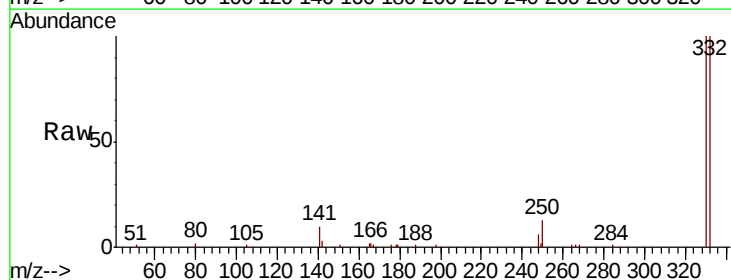
Instrument :
BNA_E
ClientSampleId :

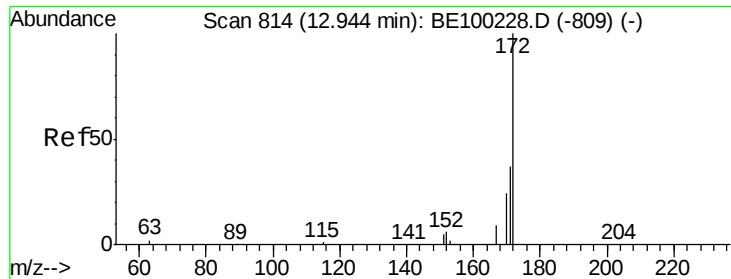
Tot Ion:164 Resp: 2069
Ion Ratio Lower Upper
164 100
162 98.6 83.4 125.0
160 51.7 45.0 67.6



#14
2,4,6-Tribromophenol
Concen: 7.186 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:330 Resp: 8609
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 25.5 22.0 33.0

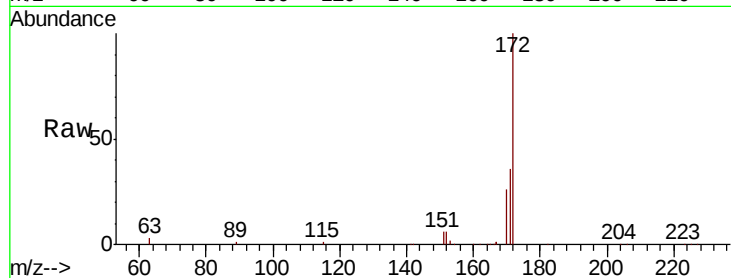




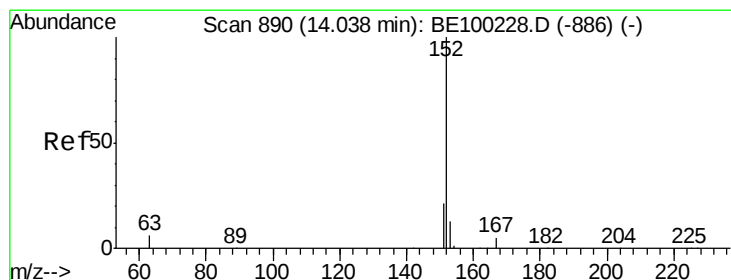
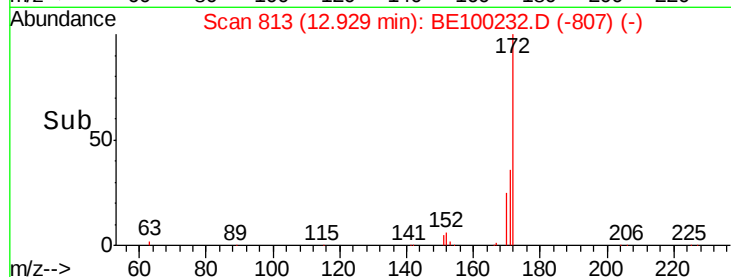
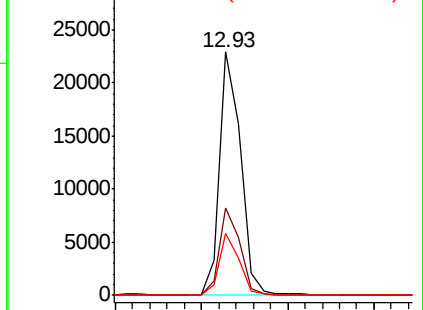
#15
2-Fluorobiphenyl
Concen: 4.692 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 38925
Ion Ratio Lower Upper
172 100
171 36.1 31.9 47.9
170 25.5 22.2 33.2

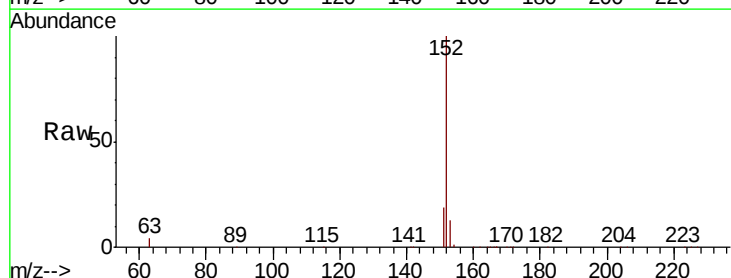


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

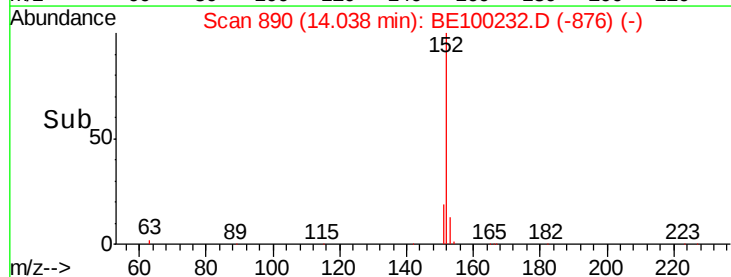
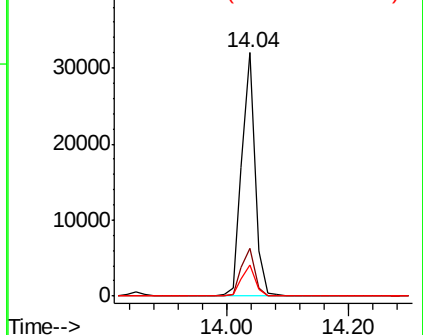


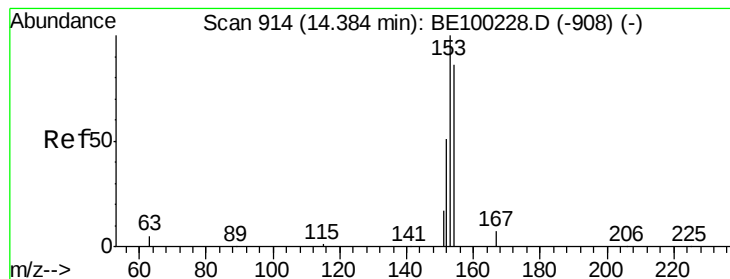
#16
Acenaphthylene
Concen: 4.862 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:152 Resp: 49049
Ion Ratio Lower Upper
152 100
151 19.9 16.6 25.0
153 12.8 10.5 15.7



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: 4.940 ng

RT: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

Instrument :

BNA_E

ClientSampled :

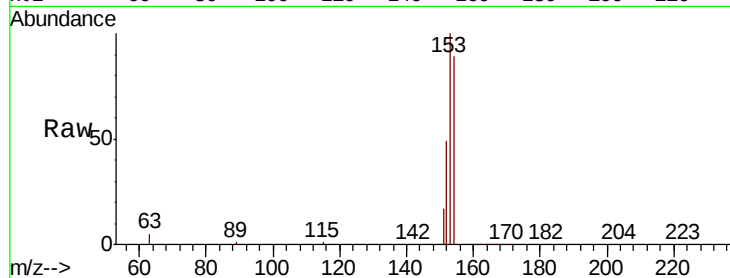
Tot Ion:154 Resp: 27928

Ion Ratio Lower Upper

154 100

153 117.3 93.4 140.2

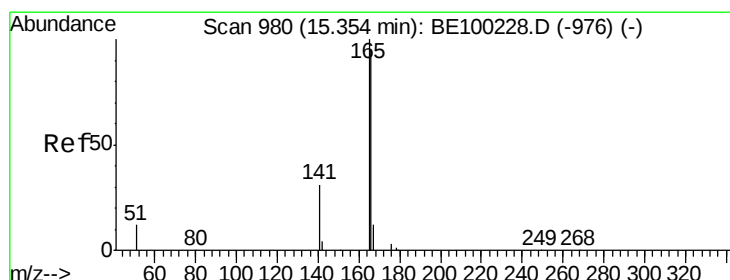
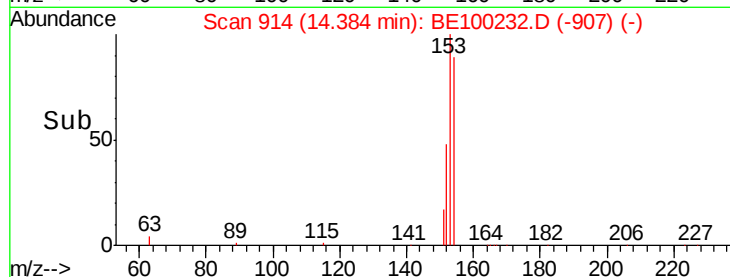
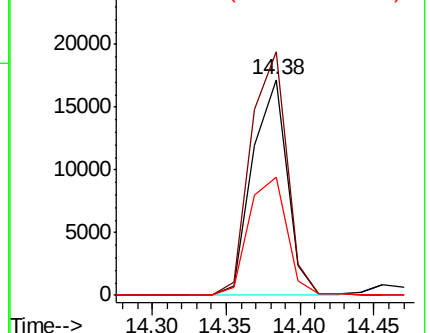
152 59.6 49.4 74.2



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: 5.046 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

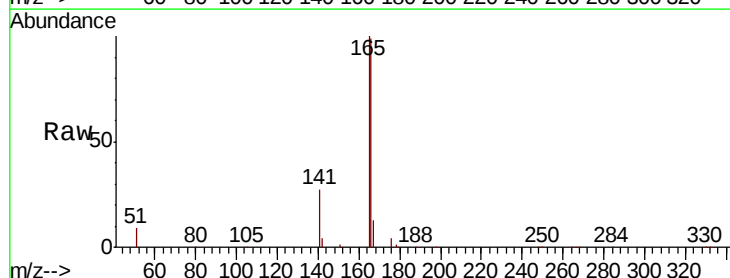
Tgt Ion:166 Resp: 41260

Ion Ratio Lower Upper

166 100

165 101.1 81.1 121.7

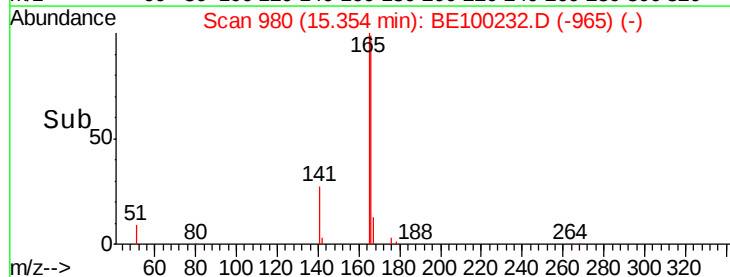
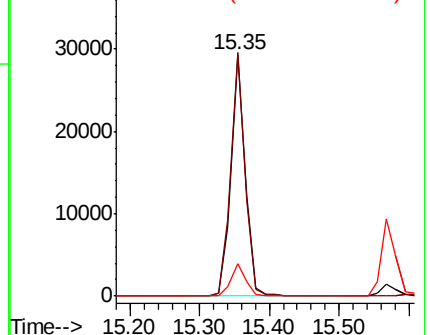
167 13.3 10.7 16.1

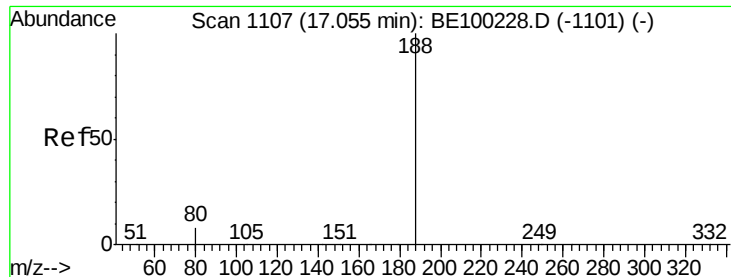


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

Instrument :

BNA_E

ClientSampleId :

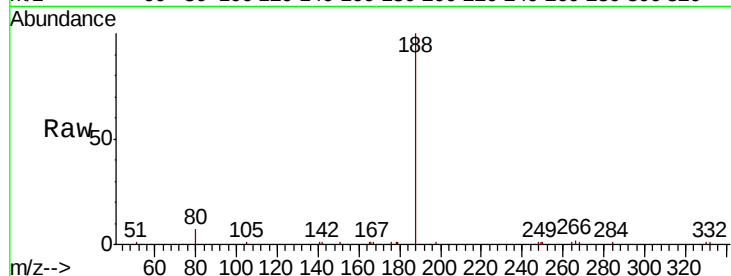
Tot Ion:188 Resp: 6251

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

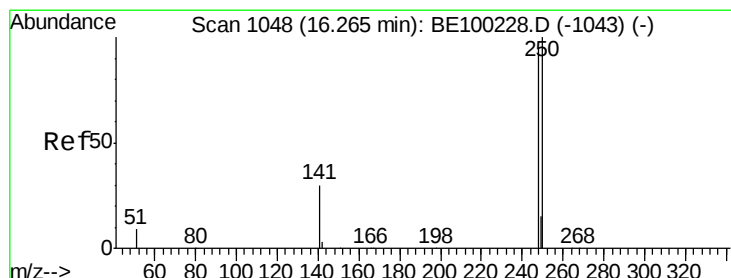
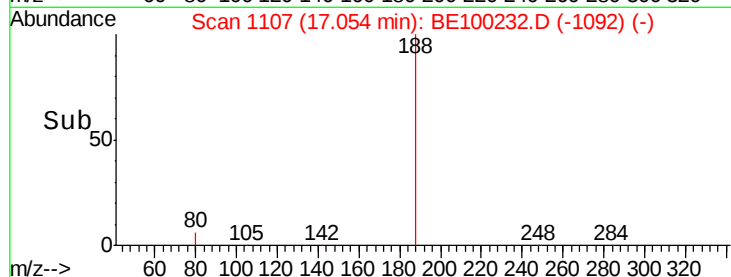
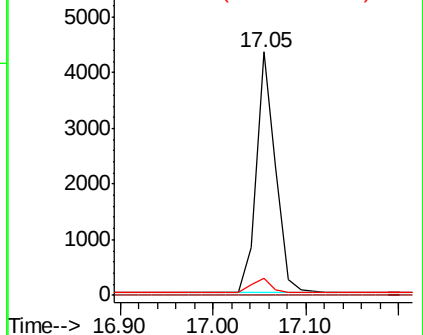
80 7.1 7.6 11.4#



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: 5.328 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

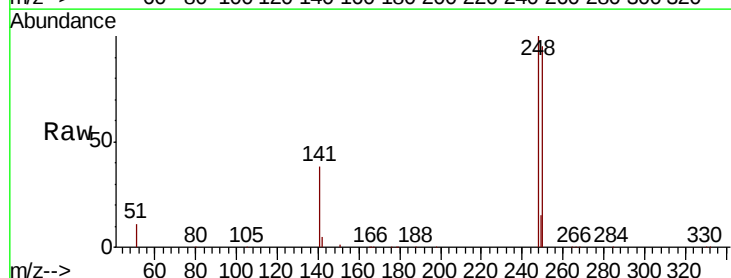
Tgt Ion:248 Resp: 20670

Ion Ratio Lower Upper

248 100

250 95.2 84.2 126.4

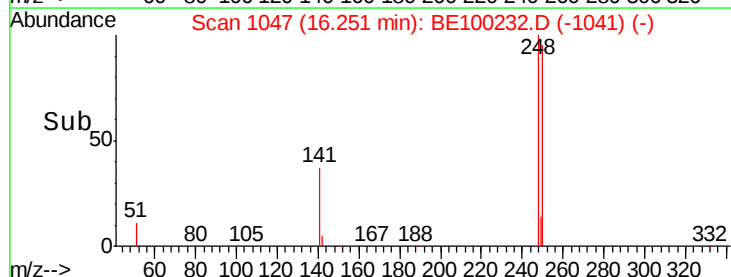
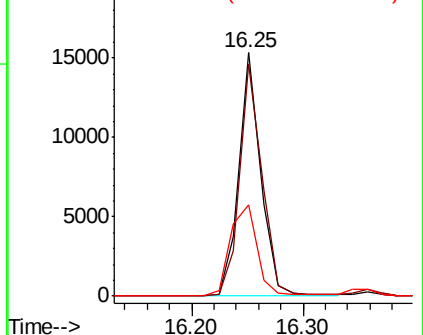
141 37.6 29.3 43.9

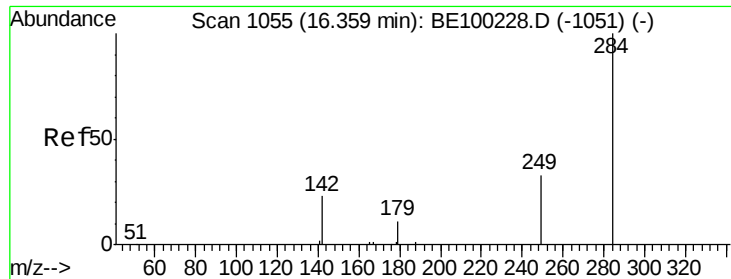


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.916 ng

RT: 16.36 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

Instrument :

BNA_E

ClientSampleId :

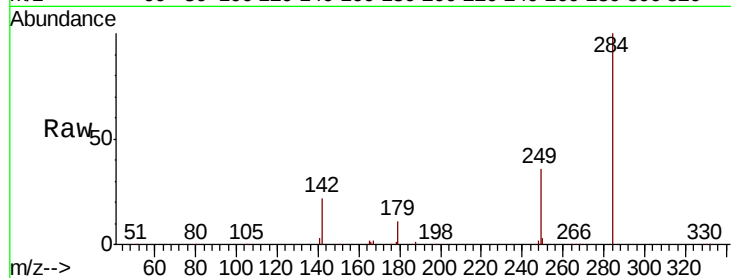
Tot Ion:284 Resp: 20922

Ion Ratio Lower Upper

284 100

142 23.6 18.8 28.2

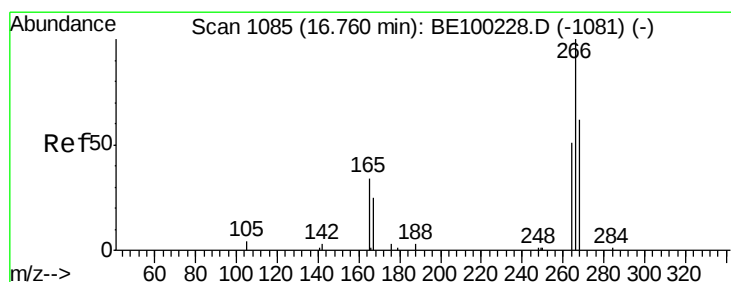
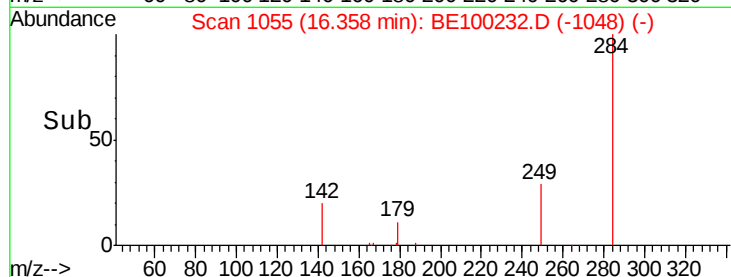
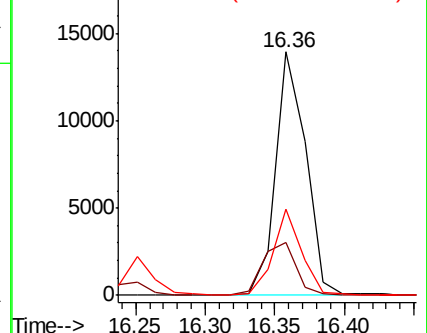
249 32.6 23.7 35.5



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: 8.967 ng

RT: 16.72 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

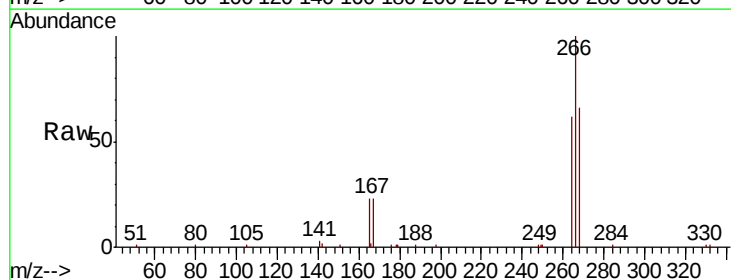
Tgt Ion:266 Resp: 8979

Ion Ratio Lower Upper

266 100

264 62.3 56.2 84.2

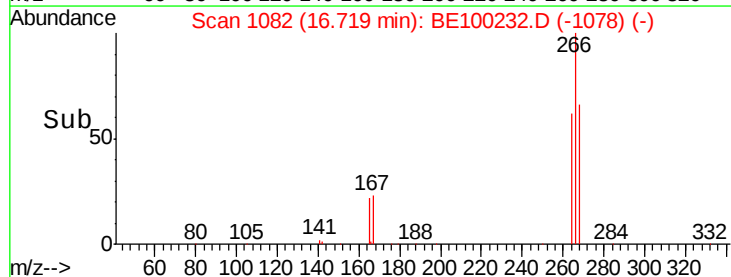
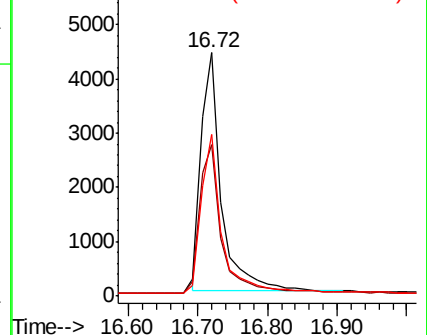
268 66.4 61.8 92.6

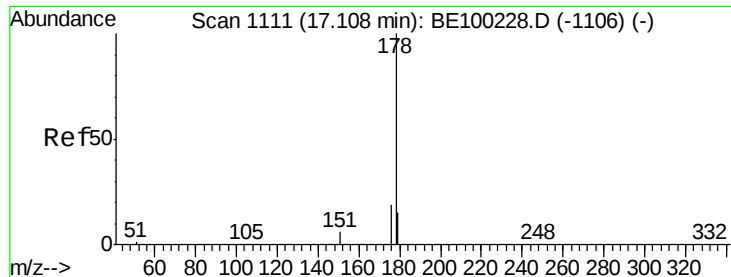


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

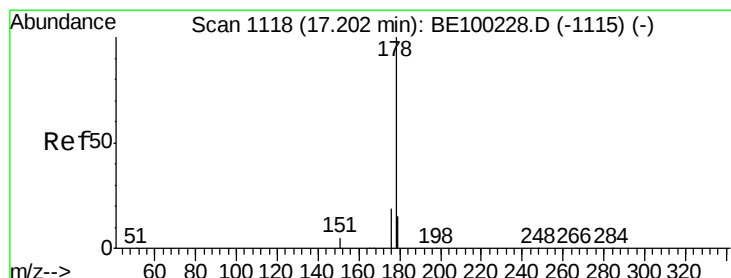
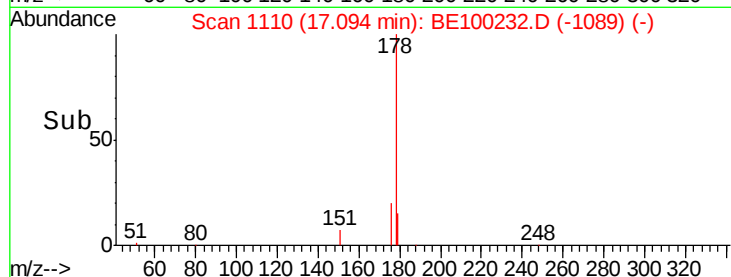
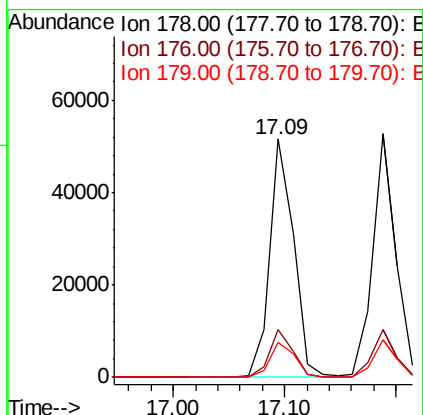
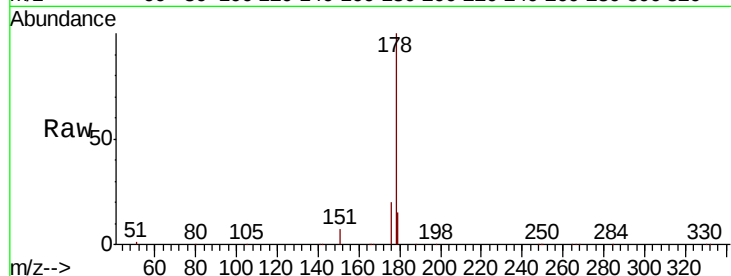




#23
Phenanthrene
Concen: 5.259 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

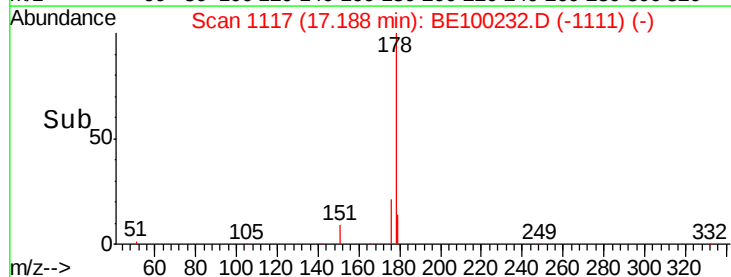
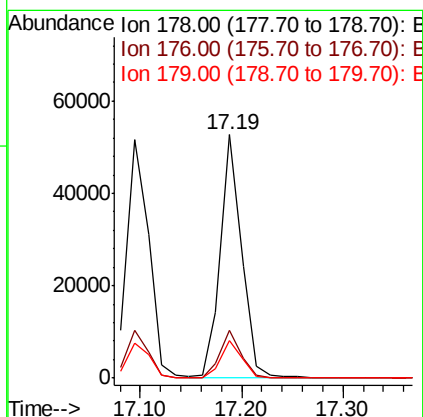
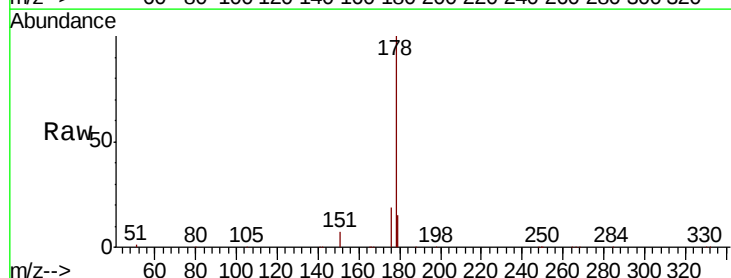
Instrument :
BNA_E
ClientSampleId :

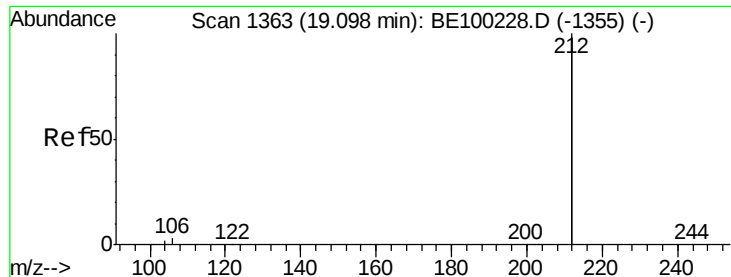
Tot Ion:178 Resp: 77869
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.3 12.2 18.2



#24
Anthracene
Concen: 6.098 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:178 Resp: 76266
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.2 12.2 18.2





#25

Fluoranthene-d10

Concen: 5.376 ng

RT: 19.09 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

Instrument :

BNA_E

ClientSampleId :

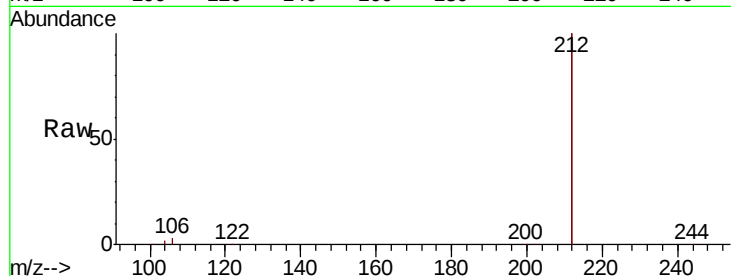
Tot Ion:212 Resp: 484336

Ion Ratio Lower Upper

212 100

106 1.5 1.3 1.9

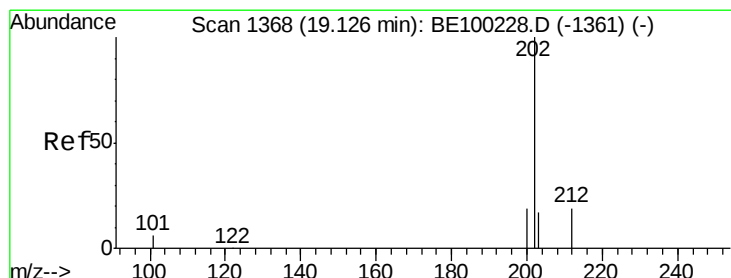
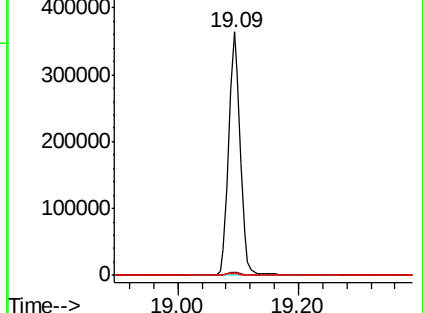
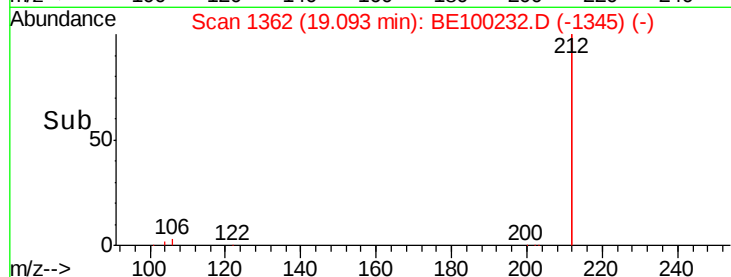
104 0.9 0.8 1.2



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: 5.173 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

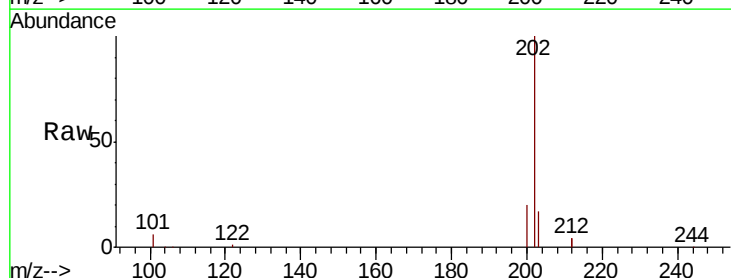
Tgt Ion:202 Resp: 124620

Ion Ratio Lower Upper

202 100

101 5.8 4.6 7.0

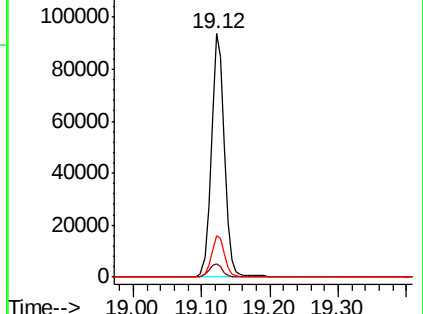
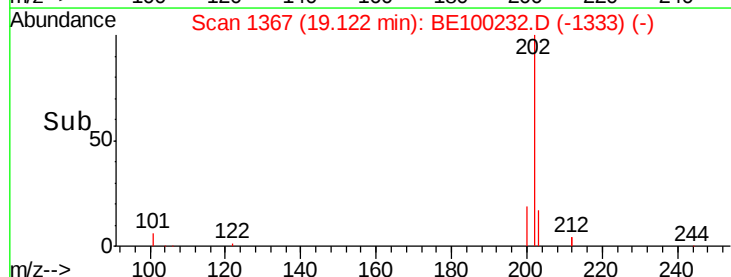
203 17.4 13.7 20.5

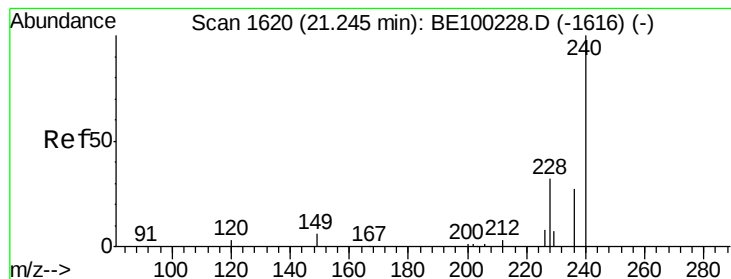


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

Instrument :

BNA_E

ClientSampleId :

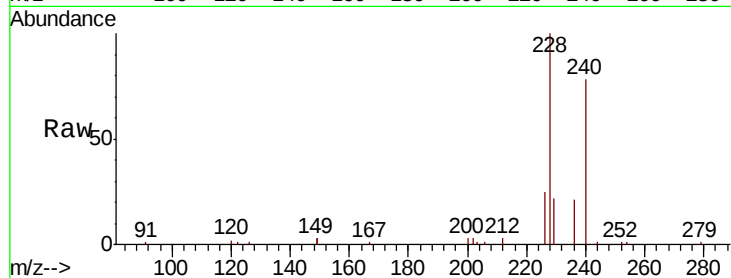
Tot Ion:240 Resp: 9550

Ion Ratio Lower Upper

240 100

120 2.8 3.3 4.9#

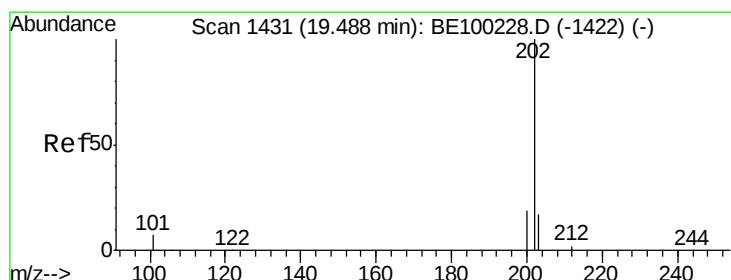
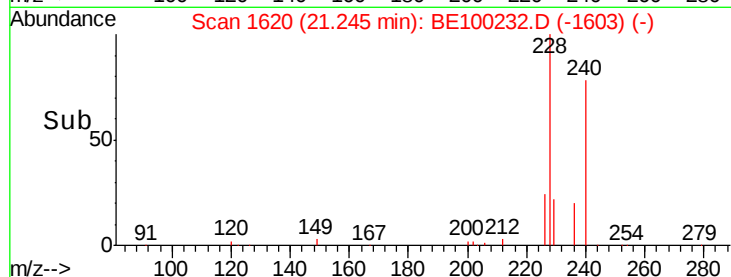
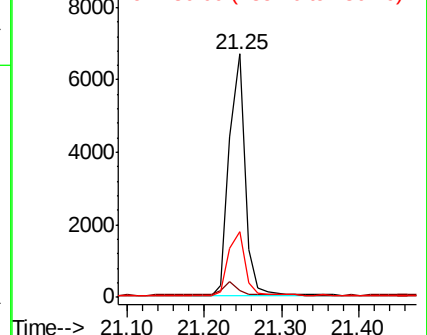
236 26.8 22.6 34.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 5.242 ng

RT: 19.49 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

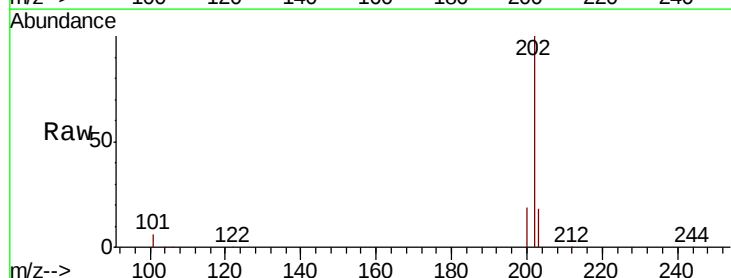
Tgt Ion:202 Resp: 128192

Ion Ratio Lower Upper

202 100

200 19.5 15.6 23.4

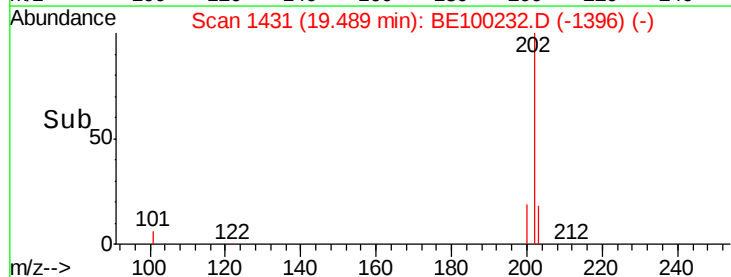
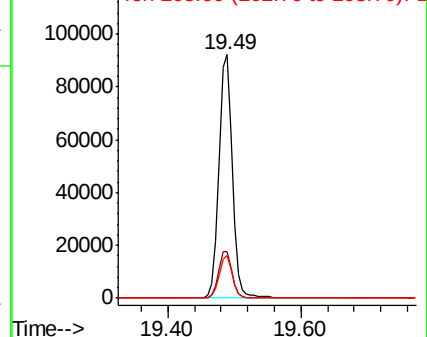
203 17.5 14.0 21.0

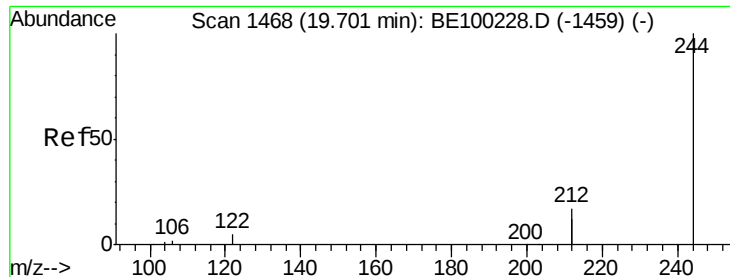


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 5.366 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

Instrument :

BNA_E

ClientSampled :

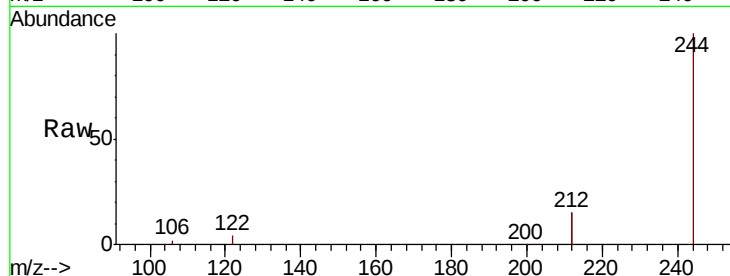
Tot Ion:244 Resp: 100627

Ion Ratio Lower Upper

244 100

212 29.2 27.3 40.9

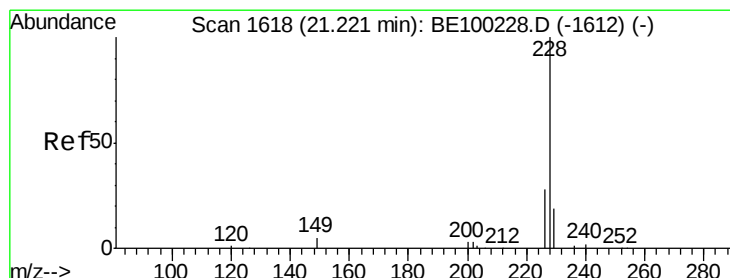
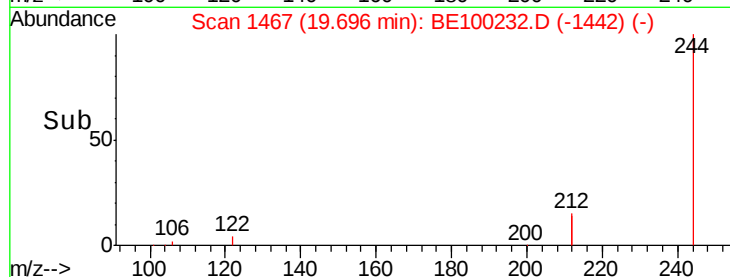
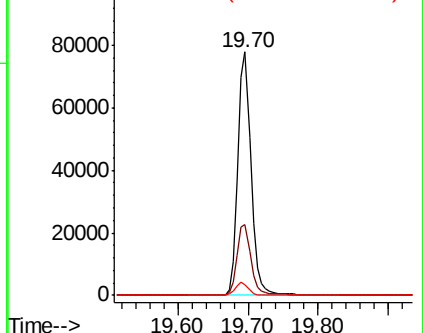
122 4.5 4.7 7.1#



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: 5.863 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

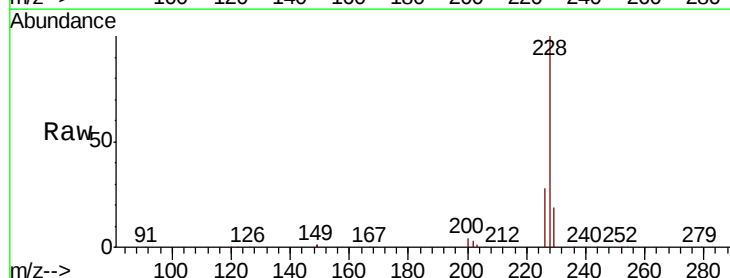
Tgt Ion:228 Resp: 165084

Ion Ratio Lower Upper

228 100

226 28.0 23.2 34.8

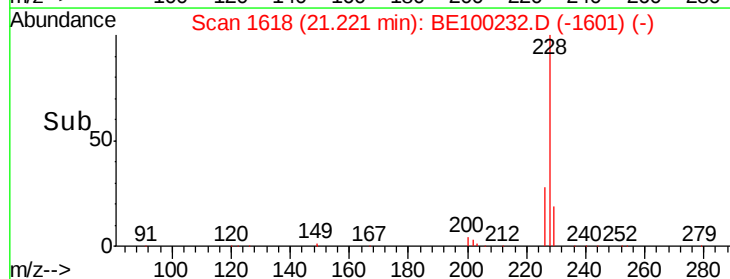
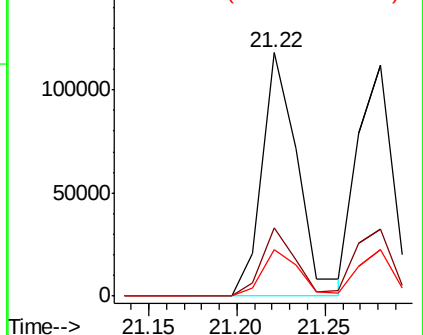
229 19.3 15.7 23.5

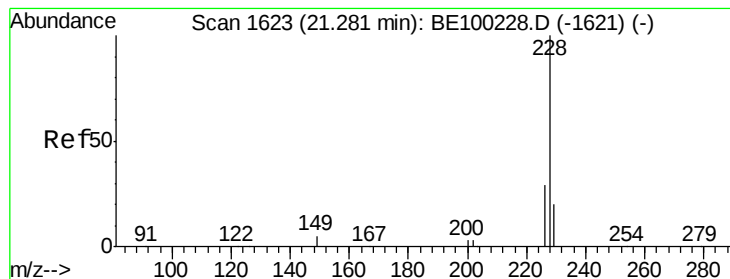


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 4.737 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

Instrument :

BNA_E

ClientSampleId :

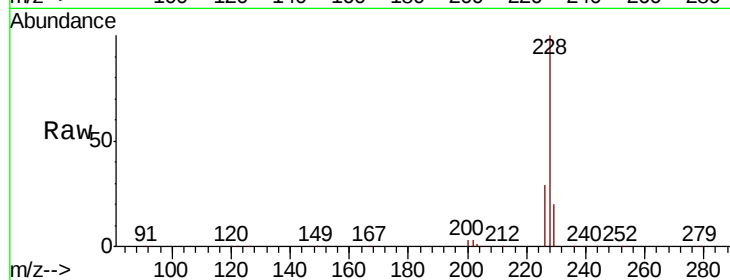
Tot Ion:228 Resp: 156441

Ion Ratio Lower Upper

228 100

226 29.1 23.9 35.9

229 20.1 16.5 24.7

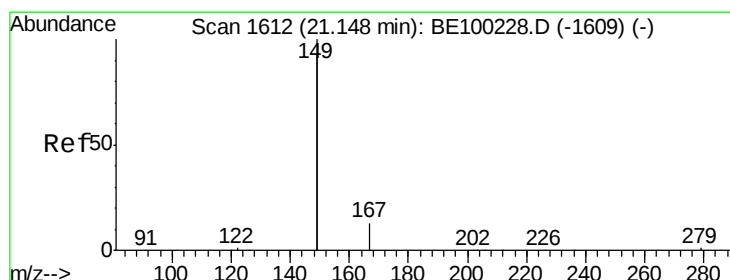
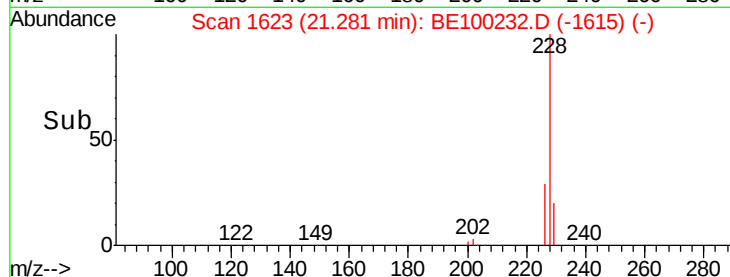
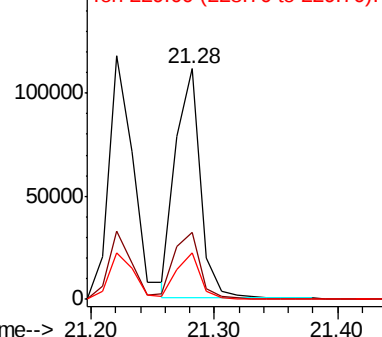


Abundance

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: 6.979 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

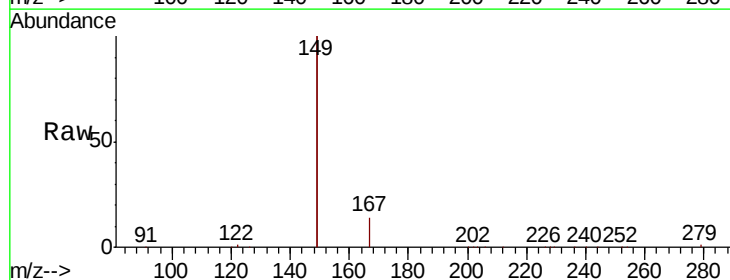
Tgt Ion:149 Resp: 225853

Ion Ratio Lower Upper

149 100

167 7.3 5.8 8.8

279 1.4 1.1 1.7

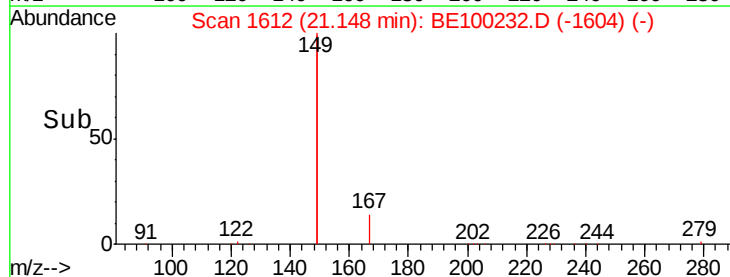
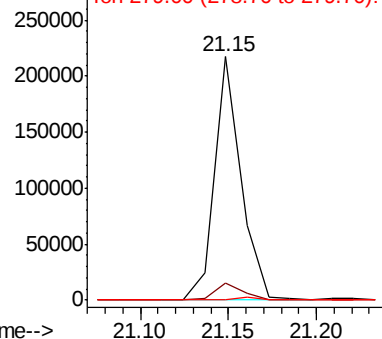


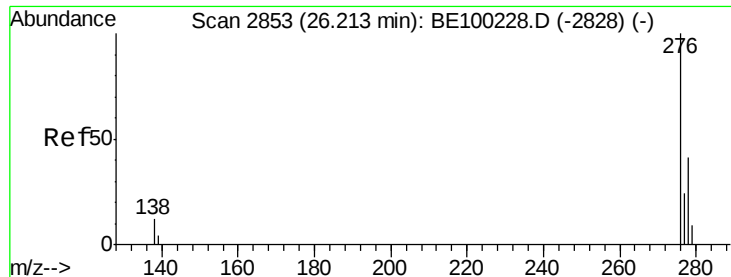
Abundance

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

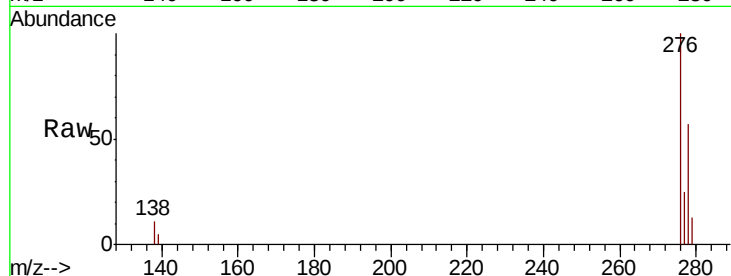




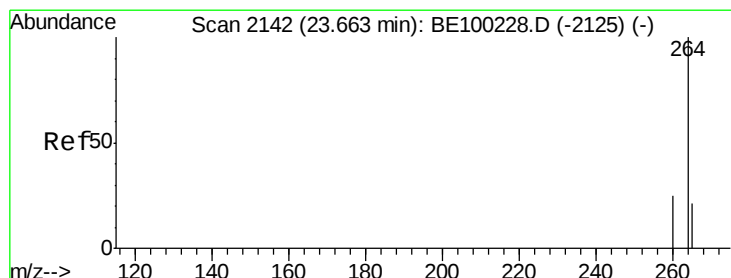
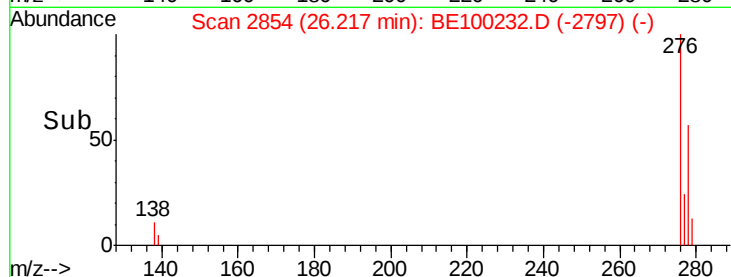
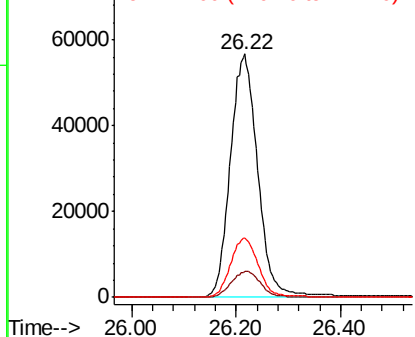
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 4.376 ng
 RT: 26.22 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BE100232.D
 Acq: 28 Jun 2019 12:49

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 205718
 Ion Ratio Lower Upper
 276 100
 138 11.3 9.4 14.0
 277 24.7 19.2 28.8

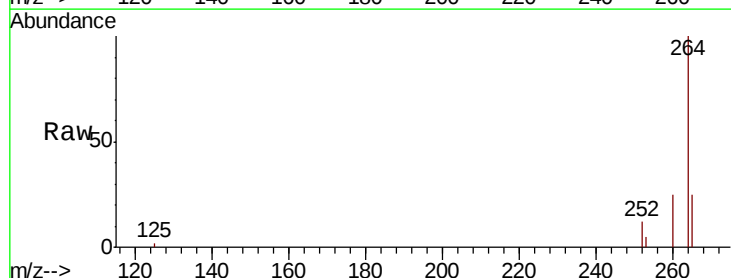


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

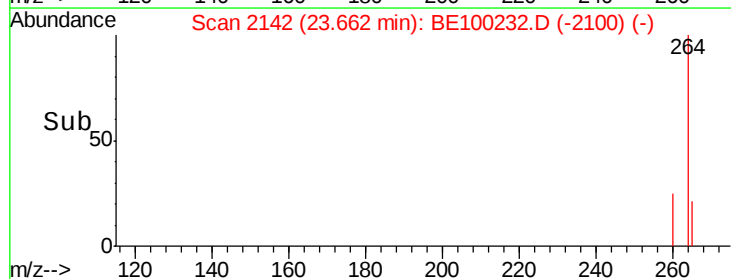
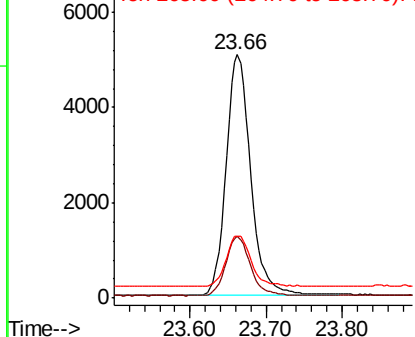


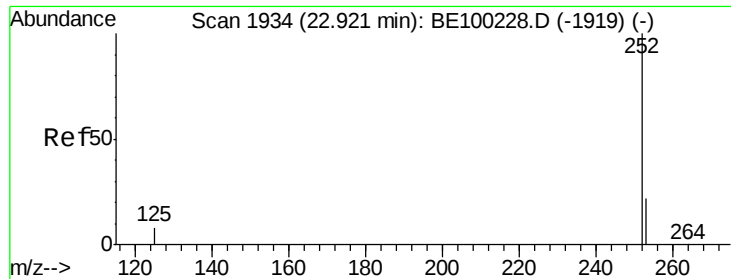
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.66 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BE100232.D
 Acq: 28 Jun 2019 12:49

Tgt Ion:264 Resp: 11384
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.8 31.2
 265 25.5 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: 5.315 ng

RT: 22.92 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

Instrument :

BNA_E

ClientSampleId :

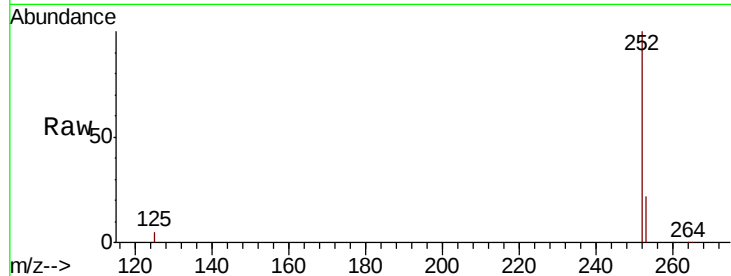
Tot Ion:252 Resp: 162729

Ion Ratio Lower Upper

252 100

253 21.9 19.2 28.8

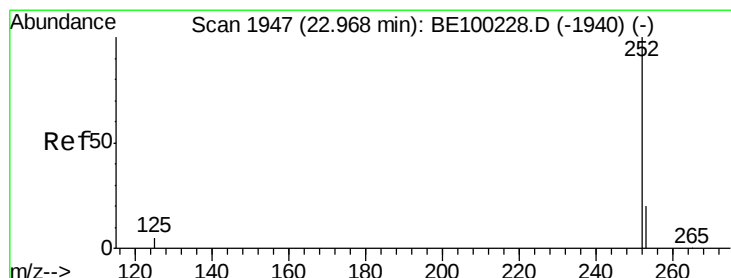
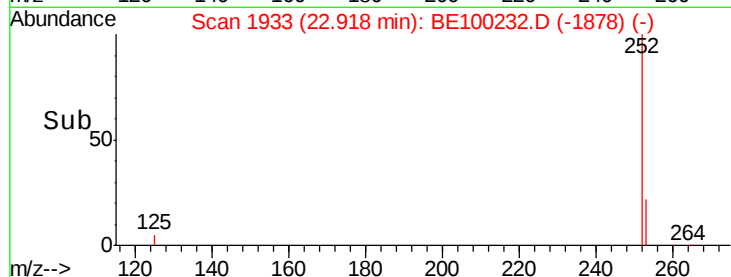
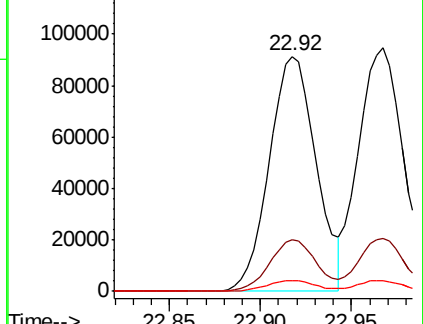
125 4.7 7.4 11.0#



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: 4.672 ng

RT: 22.97 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

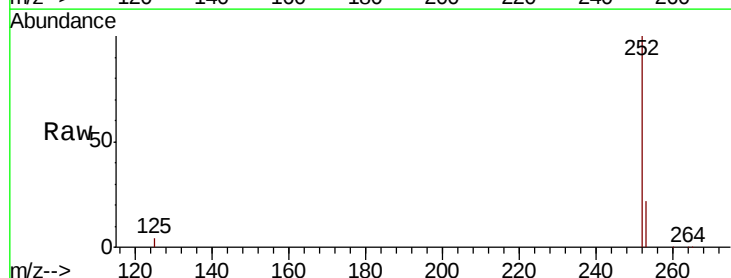
Tgt Ion:252 Resp: 171178

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

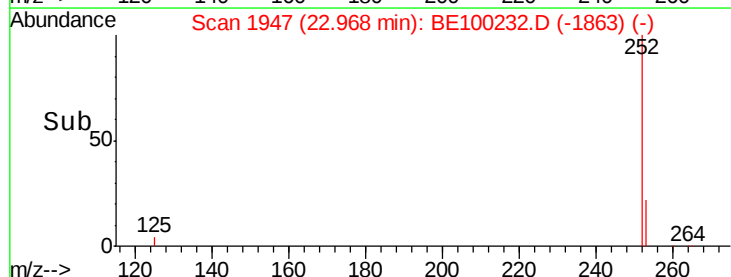
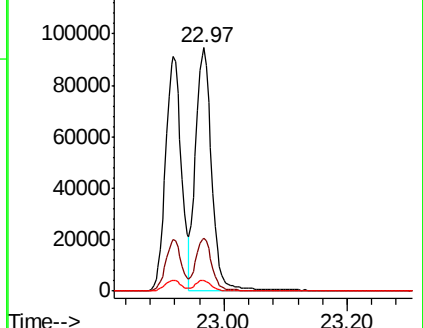
125 4.5 5.0 7.4#

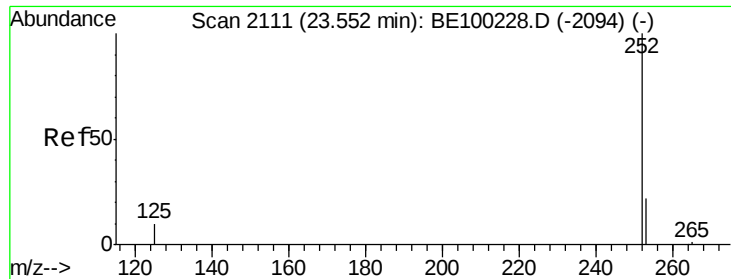


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

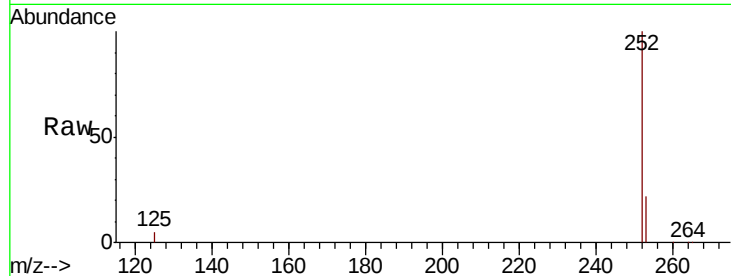




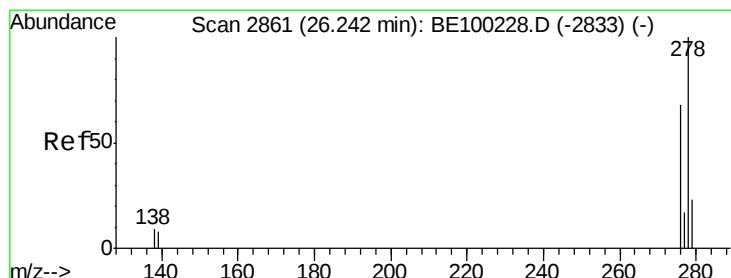
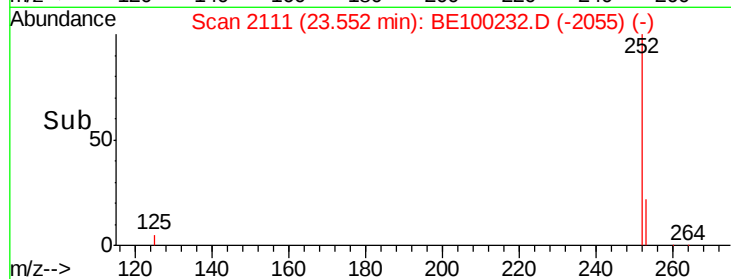
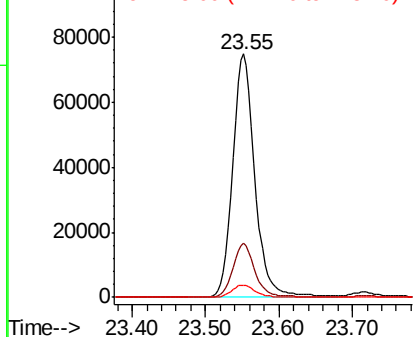
#37
Benzo(a)pyrene
Concen: 4.944 ng
RT: 23.55 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 156844
Ion Ratio Lower Upper
252 100
253 22.2 19.6 29.4
125 5.1 9.0 13.6#

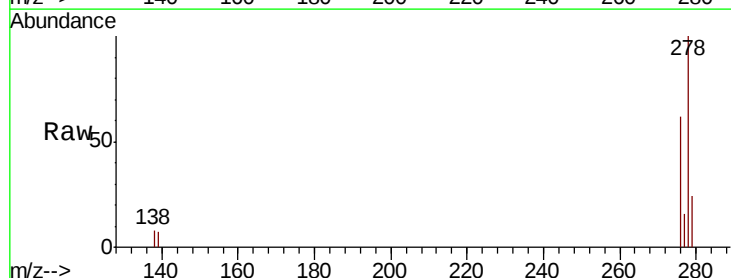


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

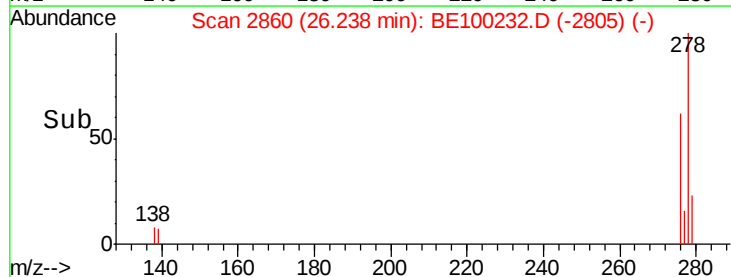
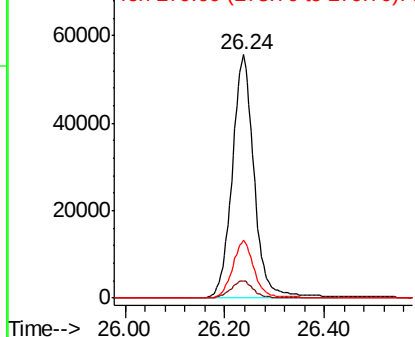


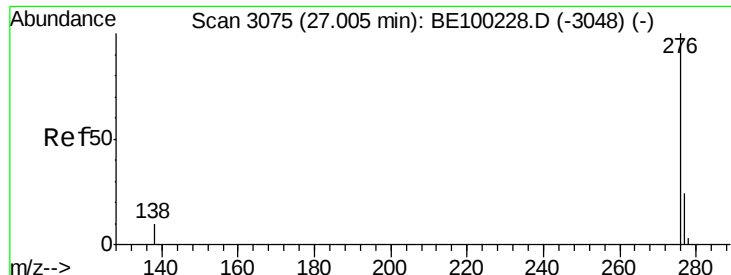
#38
Dibenzo(a,h)anthracene
Concen: 5.005 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:278 Resp: 169836
Ion Ratio Lower Upper
278 100
139 7.2 8.2 12.2#
279 23.6 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: 4.712 ng

RT: 27.00 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BE100232.D

Acq: 28 Jun 2019 12:49

Instrument :

BNA_E

ClientSampleId :

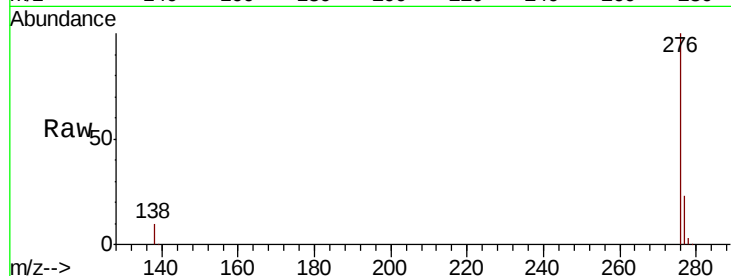
Tot Ion:276 Resp: 166947

Ion Ratio Lower Upper

276 100

277 23.5 20.2 30.2

138 9.8 9.0 13.6



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

