

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
 Data File : BE100462.D
 Acq On : 19 Jul 2019 9:23
 Operator : HP/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 19 13:33:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 13:27:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2260	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	9280	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	5586	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	15675	0.40	ng	0.00
27) Chrysene-d12	21.38	240	21679	0.40	ng	0.00
34) Perylene-d12	23.86	264	23180	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	671	0.16	ng	0.00
5) Phenol-d6	7.03	99	880	0.14	ng	0.00
8) Nitrobenzene-d5	9.02	82	745	0.15	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	1483	0.11	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	210	0.17	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	2578	0.10	ng	0.00
25) Fluoranthene-d10	19.24	212	23270	0.12	ng	0.00
29) Terphenyl-d14	19.84	244	5254	0.10	ng	0.00

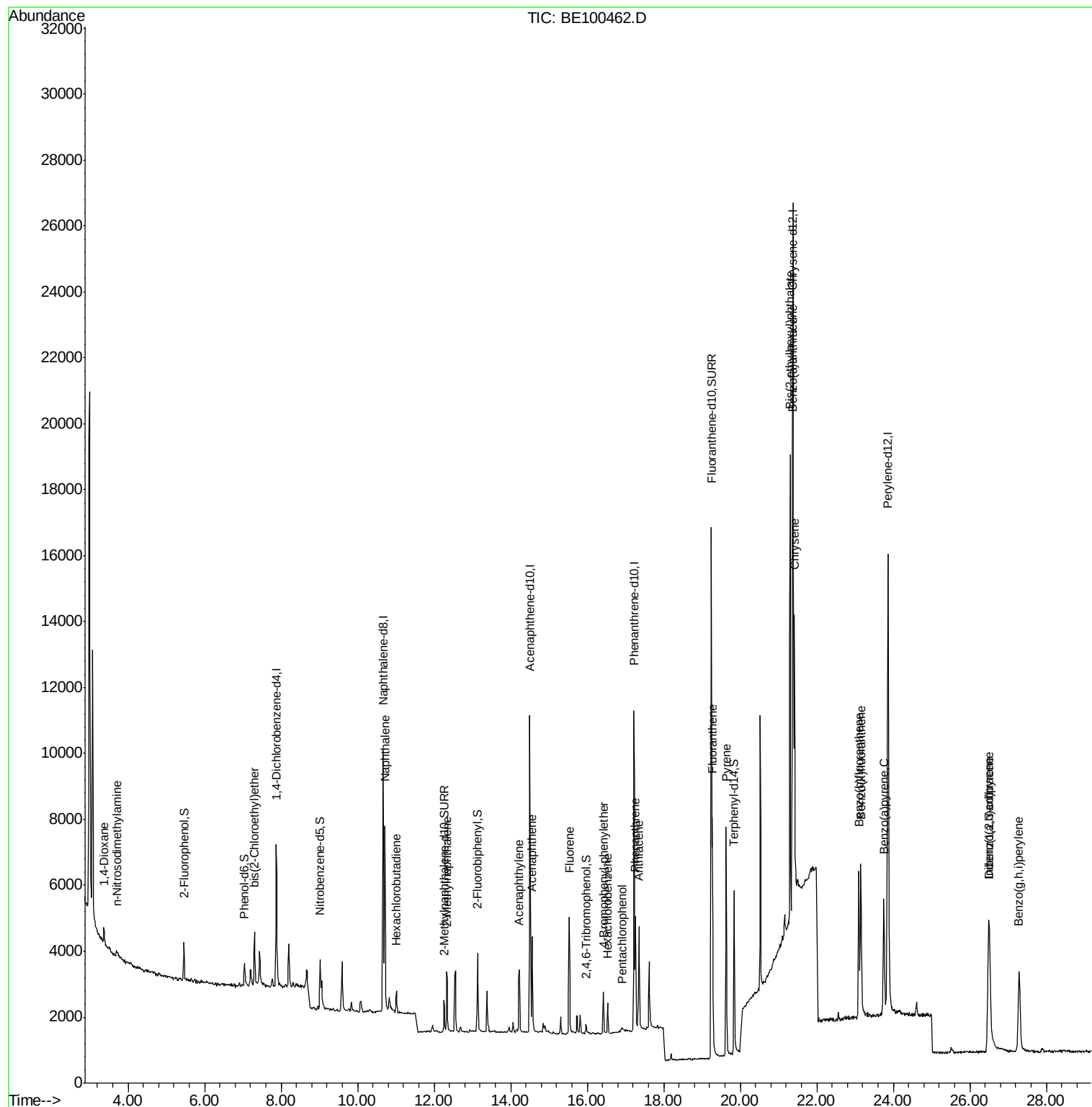
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	460	0.138	ng	# 92
3) n-Nitrosodimethylamine	3.71	42	184	0.094	ng	# 93
6) bis(2-Chloroethyl)ether	7.30	93	754	0.117	ng	# 91
9) Naphthalene	10.72	128	9553	0.106	ng	# 98
10) Hexachlorobutadiene	11.02	225	468	0.107	ng	95
12) 2-Methylnaphthalene	12.32	142	1578	0.104	ng	92
16) Acenaphthylene	14.23	152	2698	0.119	ng	98
17) Acenaphthene	14.56	154	1618	0.104	ng	97
18) Fluorene	15.53	166	2163	0.108	ng	98
20) 4-Bromophenyl-phenylether	16.43	248	734	0.090	ng	# 95
21) Hexachlorobenzene	16.53	284	769	0.080	ng	98
22) Pentachlorophenol	16.92	266	212	0.127	ng	92
23) Phenanthrene	17.26	178	4084	0.098	ng	100
24) Anthracene	17.35	178	3644	0.106	ng	99
26) Fluoranthene	19.27	202	6348	0.120	ng	99
28) Pyrene	19.63	202	6714	0.106	ng	100
30) Benzo(a)anthracene	21.37	228	7009	0.119	ng	96
31) Chrysene	21.41	228	7006	0.100	ng	96
32) Bis(2-ethylhexyl)phthalate	21.31	149	17239	0.408	ng	98
33) Indeno(1,2,3-cd)pyrene	26.49	276	7476	0.120	ng	99
35) Benzo(b)fluoranthene	23.10	252	6563	0.093	ng	# 86
36) Benzo(k)fluoranthene	23.15	252	6899	0.092	ng	# 84
37) Benzo(a)pyrene	23.75	252	6450	0.111	ng	# 82
38) Dibenzo(a,h)anthracene	26.51	278	5833	0.094	ng	# 82
39) Benzo(g,h,i)perylene	27.29	276	6404	0.099	ng	# 87

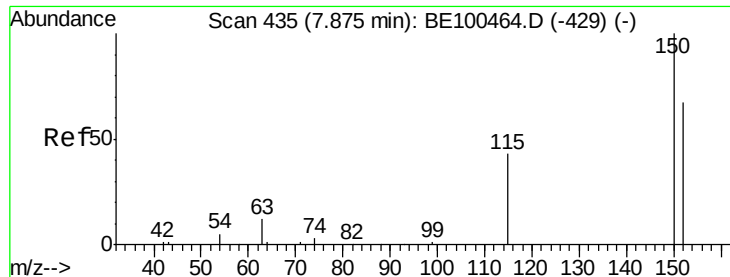
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
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QLast Update : Fri Jul 19 13:27:51 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 435

Delta R.T. 0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

Instrument :

BNA_E

ClientSampleId :

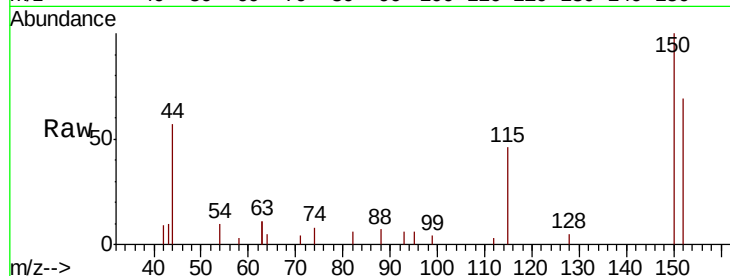
Tot Ion:152 Resp: 2260

Ion Ratio Lower Upper

152 100

150 145.8 117.6 176.4

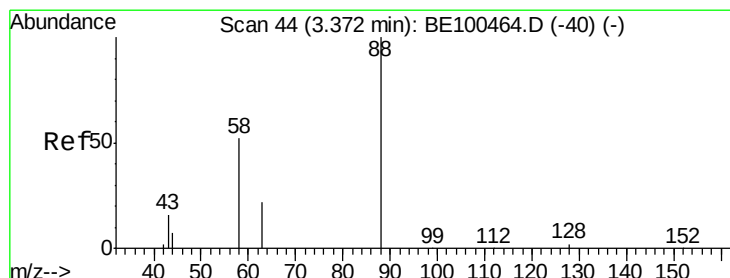
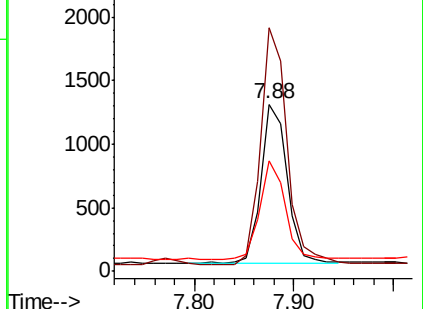
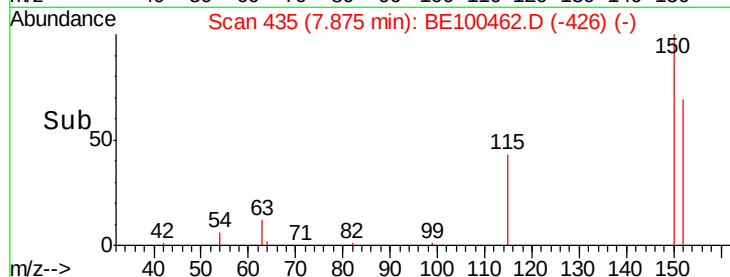
115 66.5 54.9 82.3



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: 0.138 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

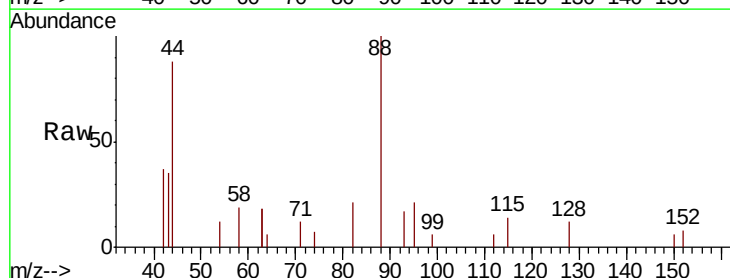
Tgt Ion: 88 Resp: 460

Ion Ratio Lower Upper

88 100

58 68.0 50.2 75.4

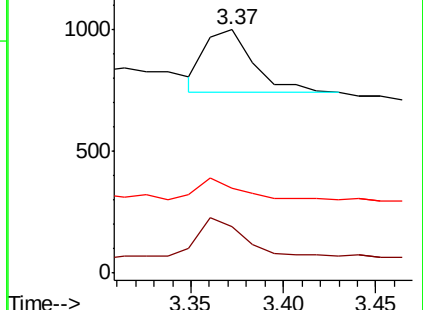
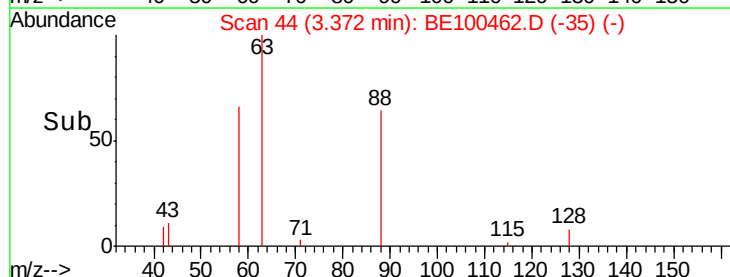
43 29.6 19.1 28.7#

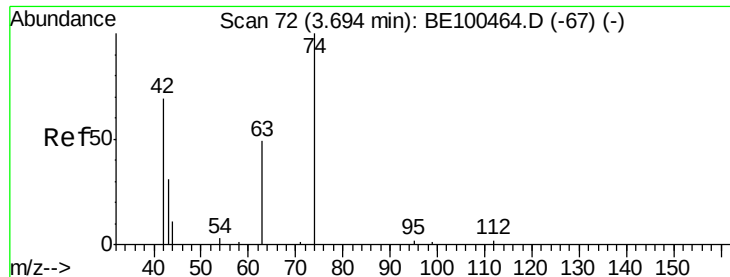


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1



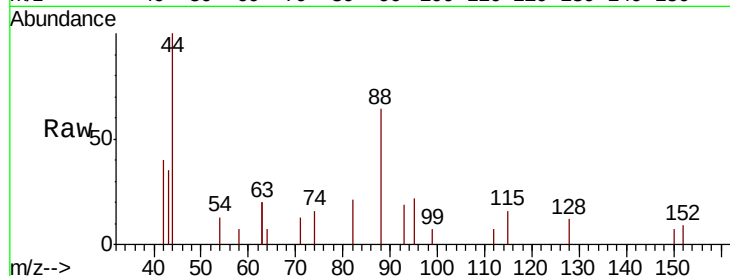


#3

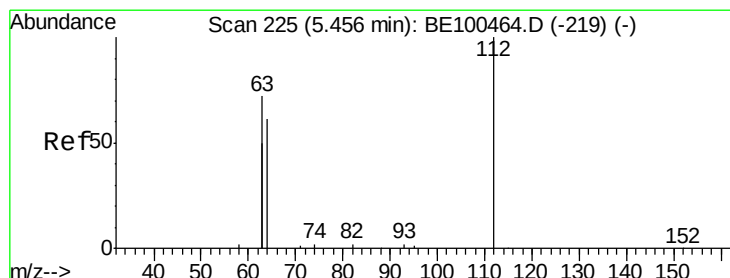
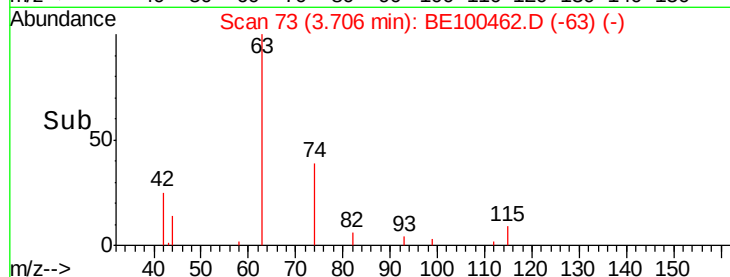
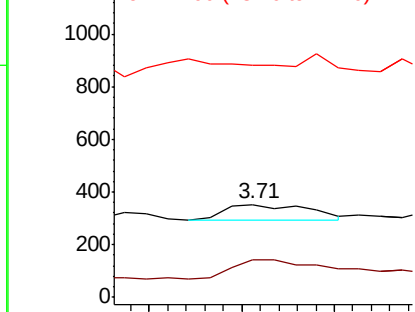
n-Nitrosodimethylamine
 Concen: 0.094 ng
 RT: 3.71 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: BE100462.D
 Acq: 19 Jul 2019 9:23

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 184
 Ion Ratio Lower Upper
 42 100
 74 124.5 105.8 158.8
 44 0.0 0.0 0.0



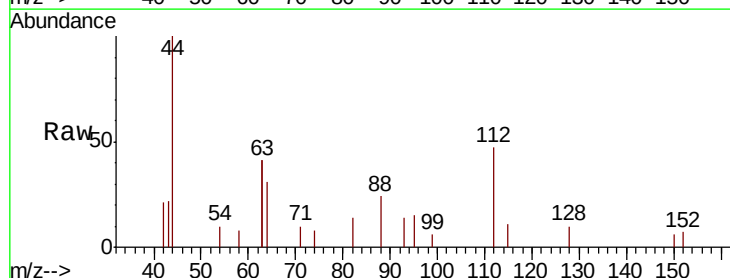
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



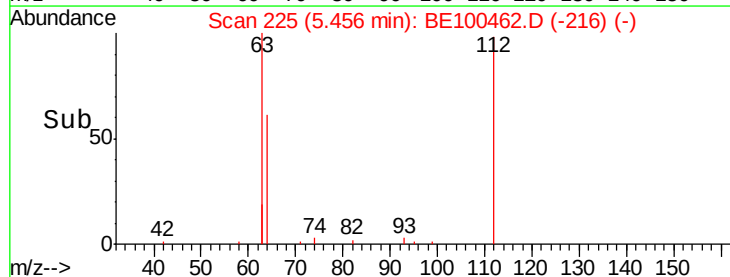
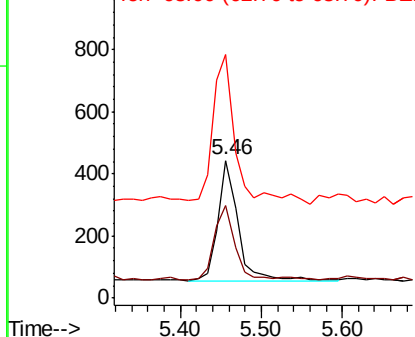
#4

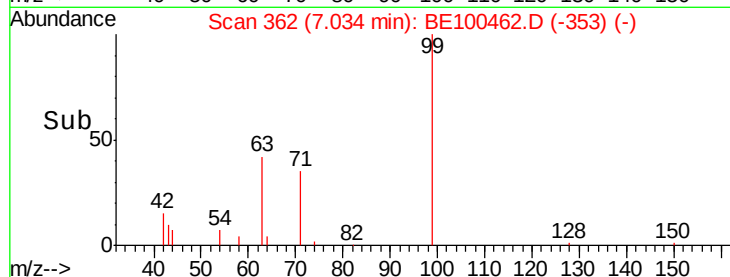
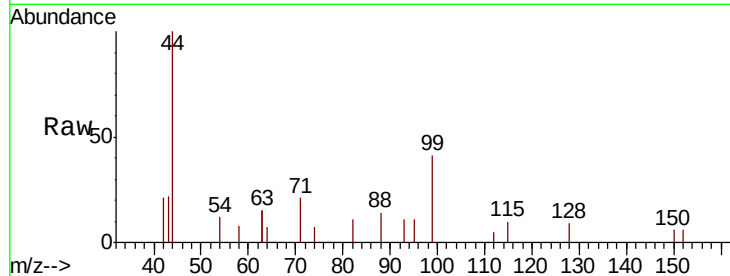
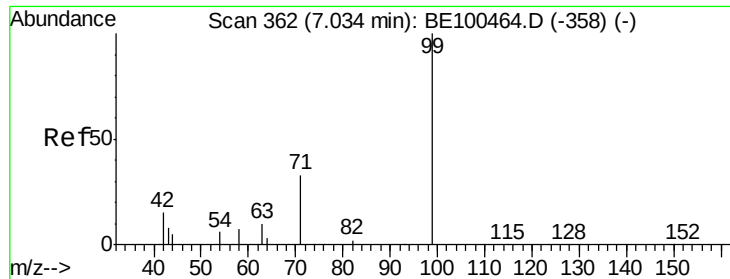
2-Fluorophenol
 Concen: 0.156 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BE100462.D
 Acq: 19 Jul 2019 9:23

Tgt Ion: 112 Resp: 671
 Ion Ratio Lower Upper
 112 100
 64 61.8 51.9 77.9
 63 139.6 103.9 155.9



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: 0.139 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

Instrument :

BNA_E

ClientSampleId :

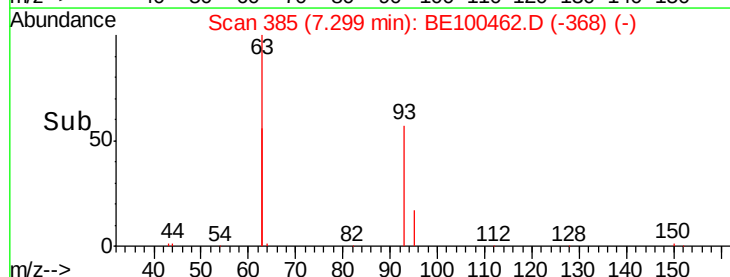
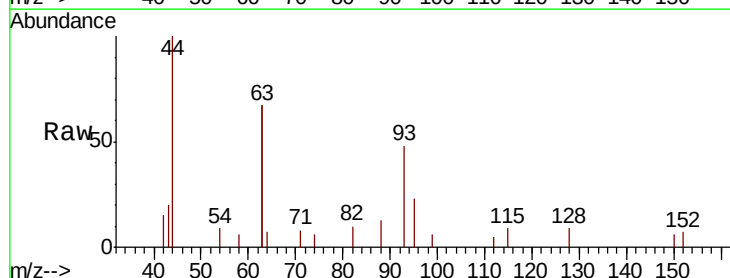
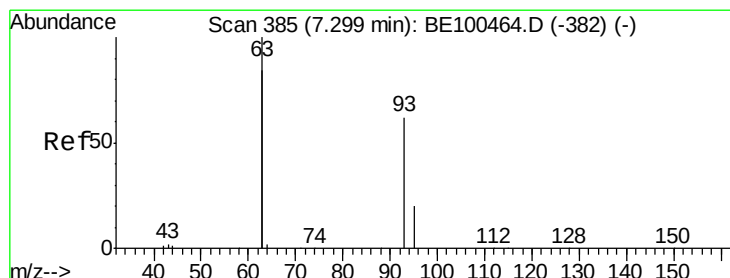
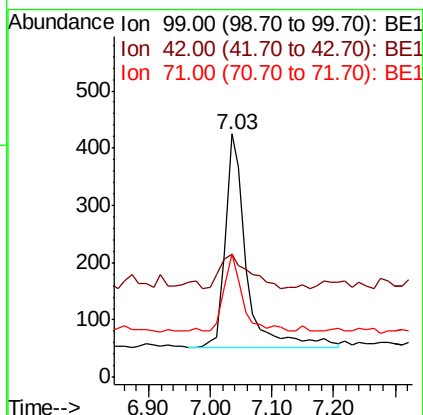
Tot Ion: 99 Resp: 880

Ion Ratio Lower Upper

99 100

42 22.8 16.2 24.4

71 32.2 26.0 39.0



#6

bis(2-Chloroethyl)ether

Concen: 0.117 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

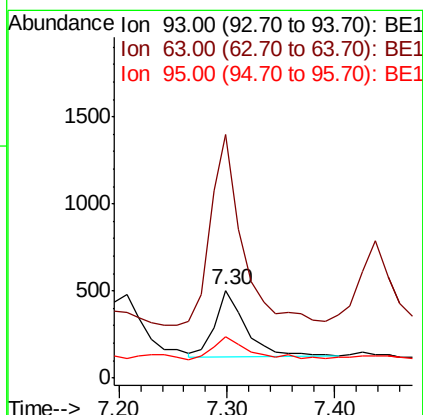
Tgt Ion: 93 Resp: 754

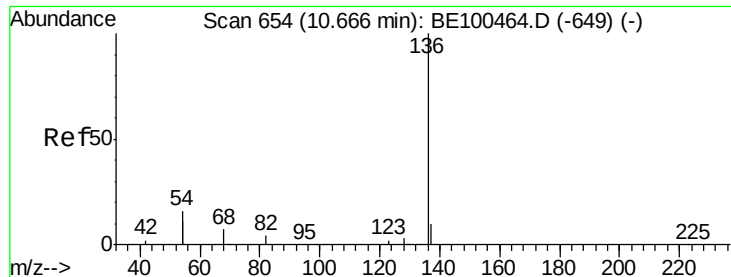
Ion Ratio Lower Upper

93 100

63 294.6 248.4 372.6

95 41.2 24.7 37.1#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 9280

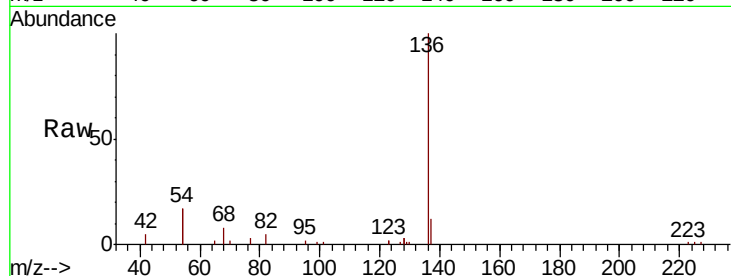
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 34.9 26.2 39.2

68 8.1 6.5 9.7

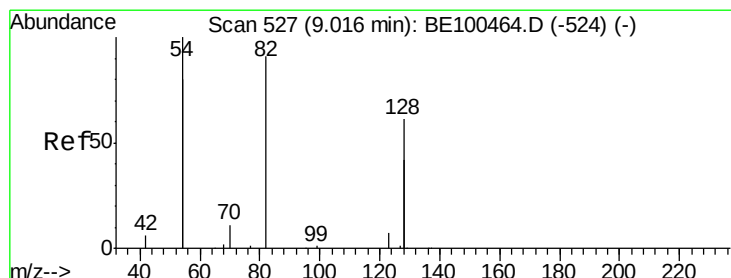
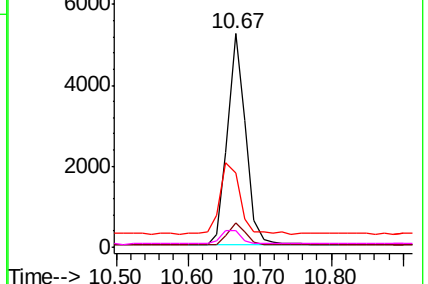
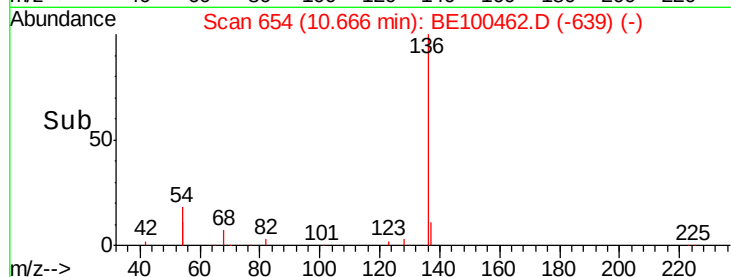


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.145 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

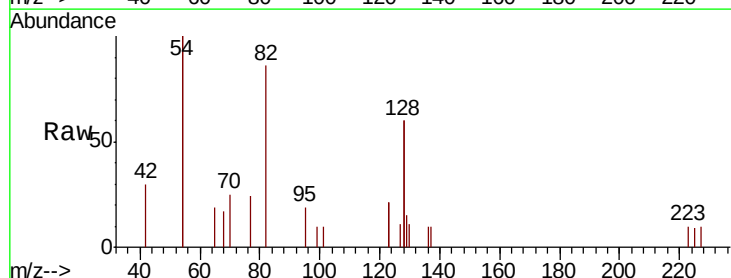
Tgt Ion: 82 Resp: 745

Ion Ratio Lower Upper

82 100

128 140.2 100.7 151.1

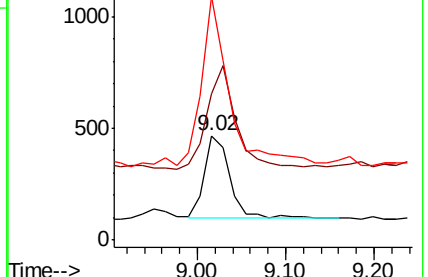
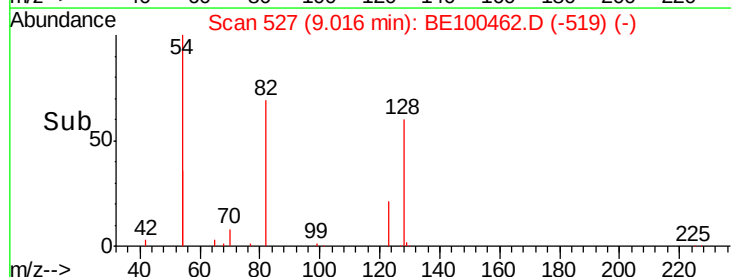
54 232.9 164.4 246.6

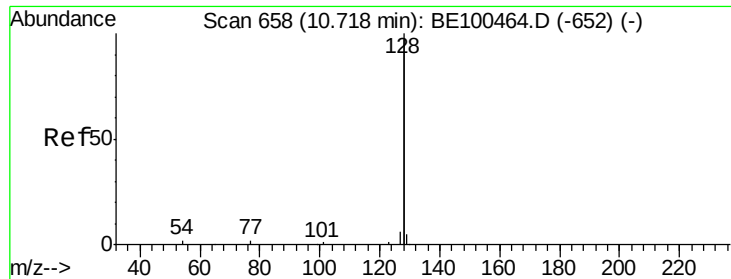


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.106 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

Instrument :

BNA_E

ClientSampleId :

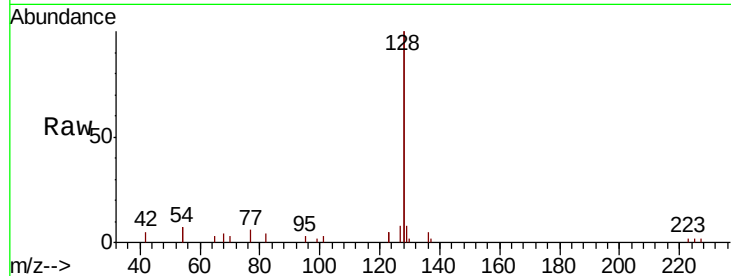
Tot Ion:128 Resp: 9553

Ion Ratio Lower Upper

128 100

129 3.9 2.4 3.6#

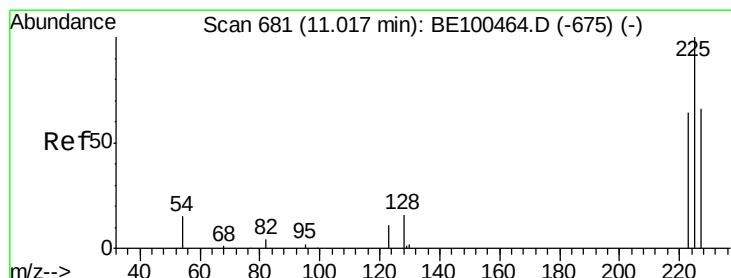
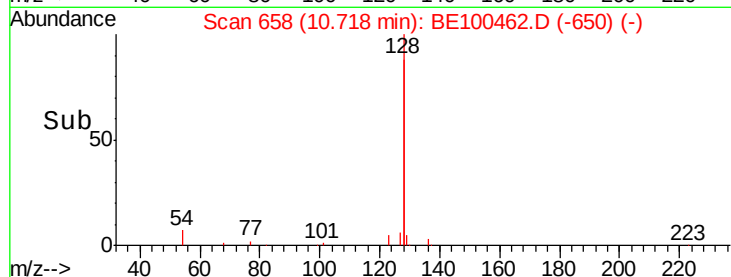
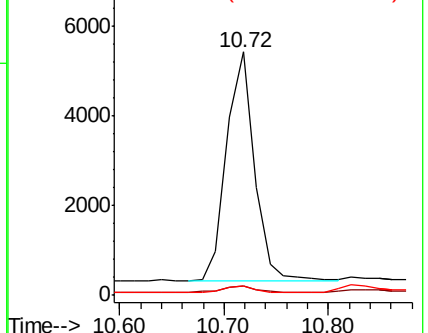
127 3.9 2.6 4.0



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: 0.107 ng

RT: 11.02 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

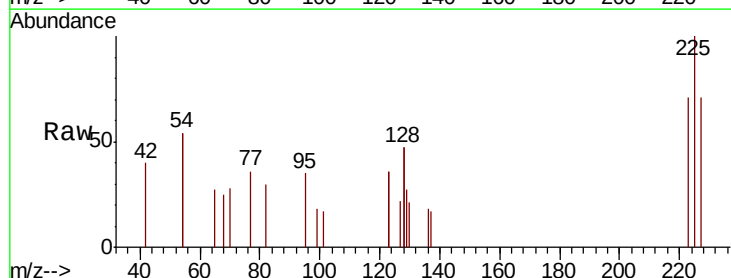
Tgt Ion:225 Resp: 468

Ion Ratio Lower Upper

225 100

223 66.9 51.7 77.5

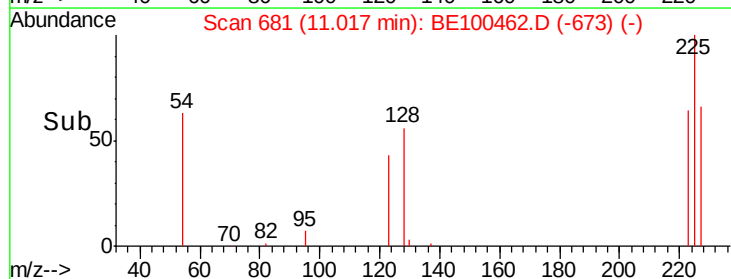
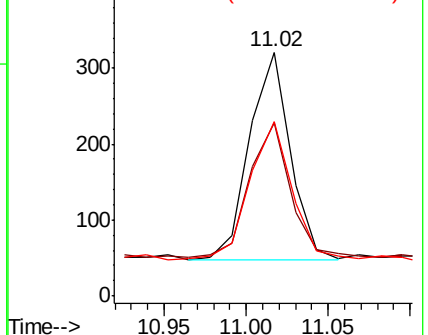
227 69.4 50.9 76.3

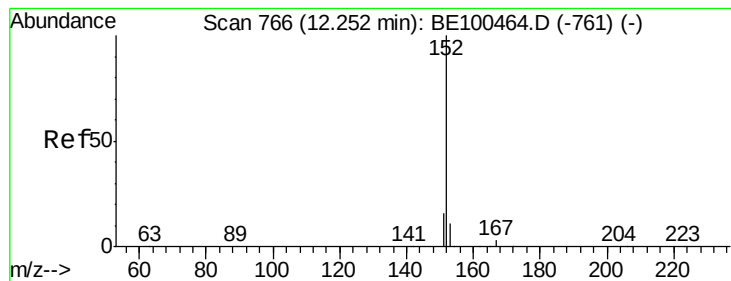


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.106 ng

RT: 12.25 min Scan# 766

Delta R.T. 0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

Instrument :

BNA_E

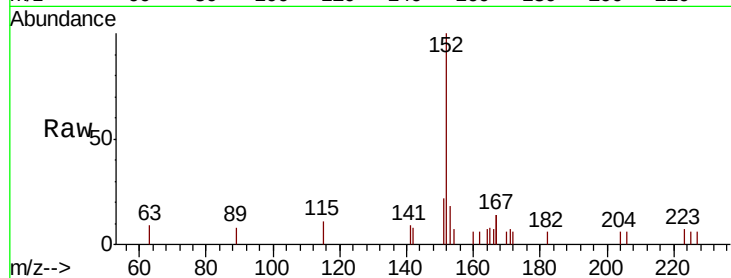
ClientSampleId :

Tot Ion:152 Resp: 1483

Ion Ratio Lower Upper

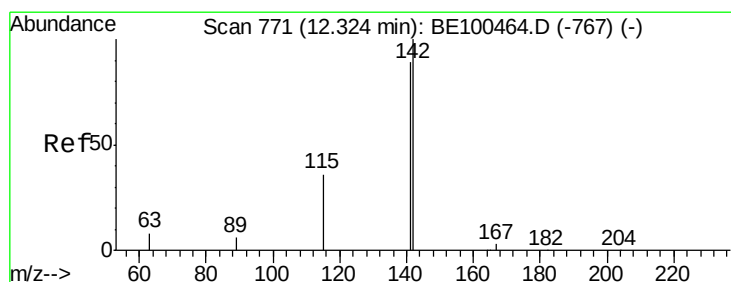
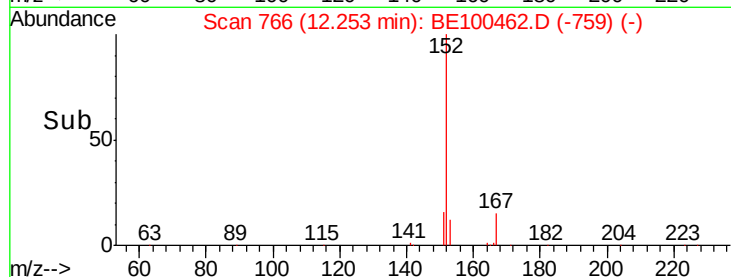
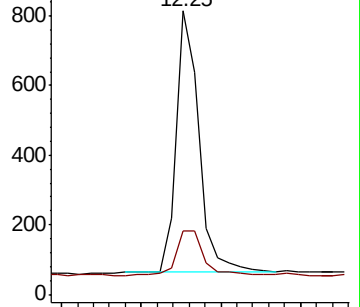
152 100

151 21.3 15.8 23.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.104 ng

RT: 12.32 min Scan# 771

Delta R.T. 0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

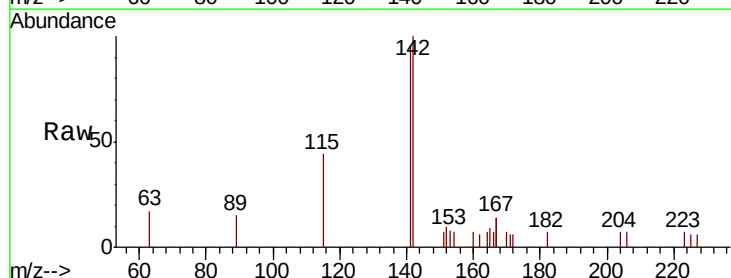
Tgt Ion:142 Resp: 1578

Ion Ratio Lower Upper

142 100

141 96.0 71.7 107.5

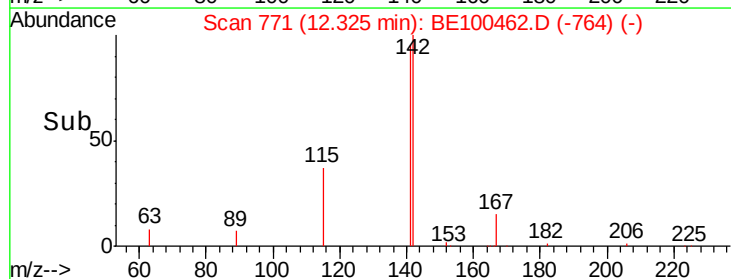
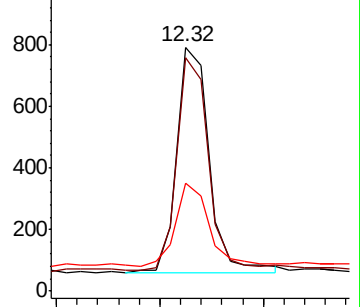
115 44.4 30.4 45.6

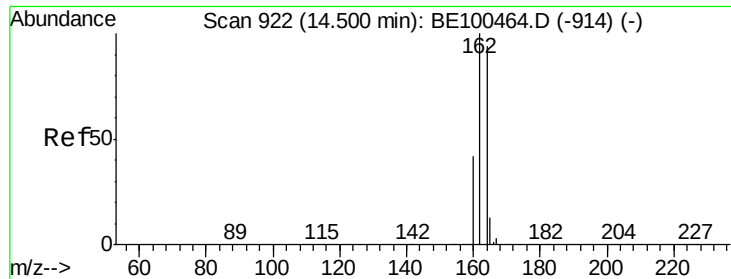


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

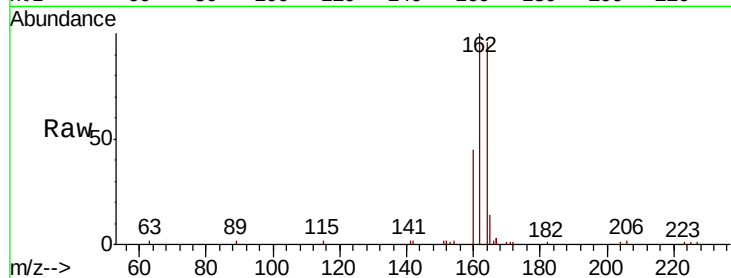




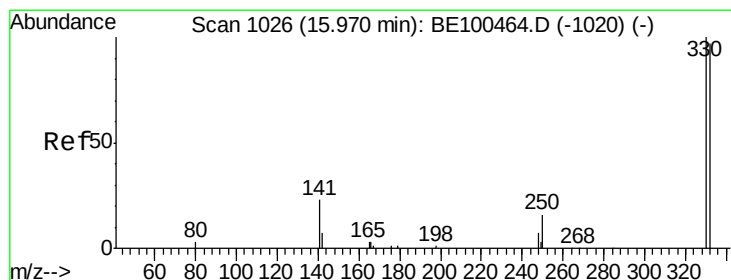
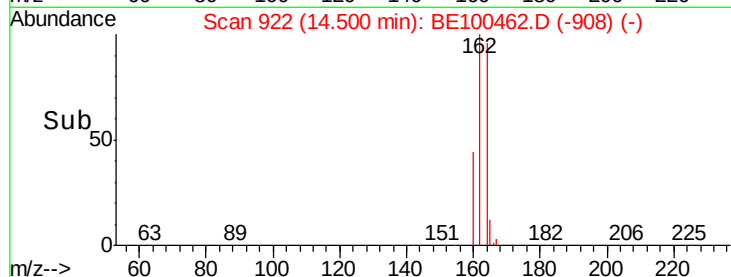
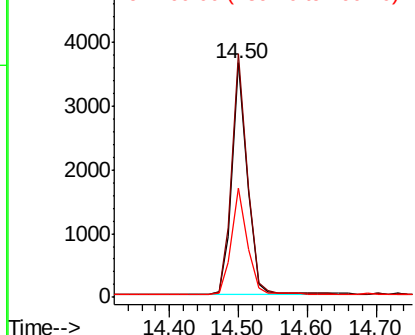
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE100462.D
Acq: 19 Jul 2019 9:23

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 5586
Ion Ratio Lower Upper
164 100
162 103.8 85.0 127.6
160 46.6 36.2 54.2

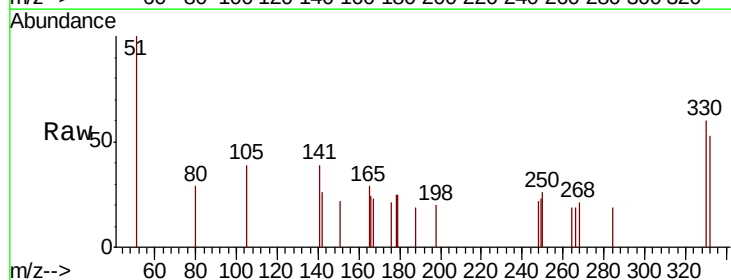


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

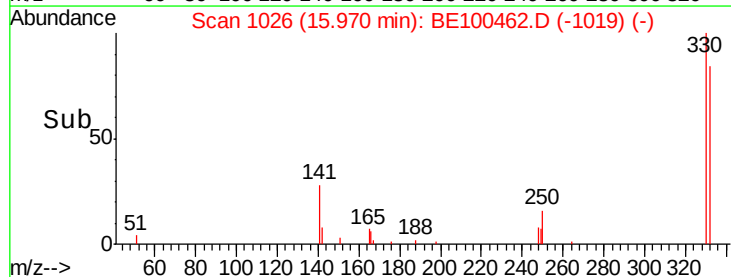
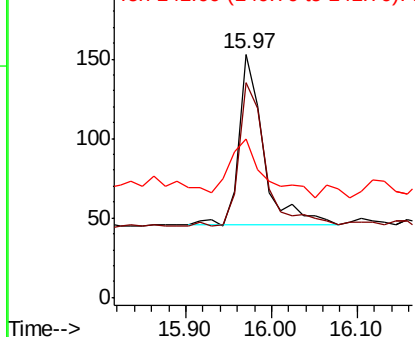


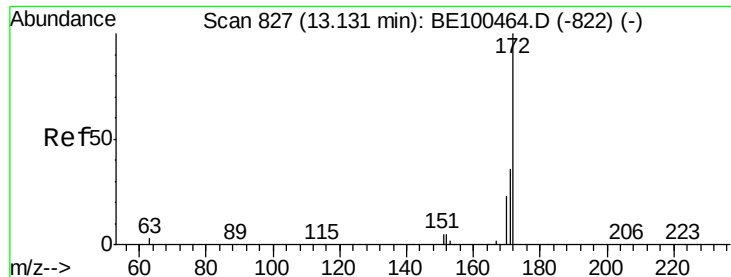
#14
2,4,6-Tribromophenol
Concen: 0.166 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100462.D
Acq: 19 Jul 2019 9:23

Tgt Ion:330 Resp: 210
Ion Ratio Lower Upper
330 100
332 92.4 76.3 114.5
141 48.6 29.4 44.2#



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

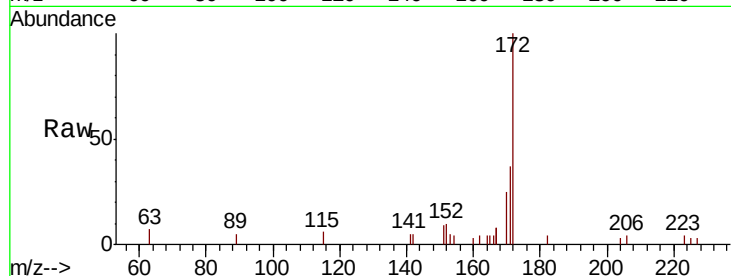




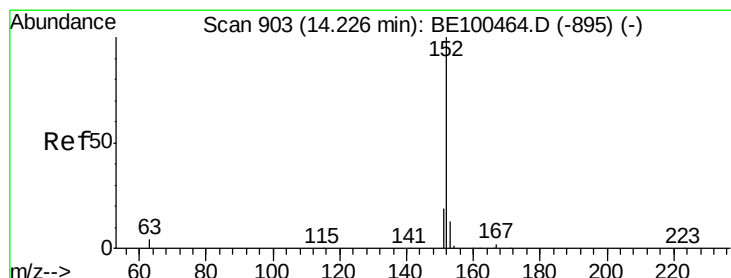
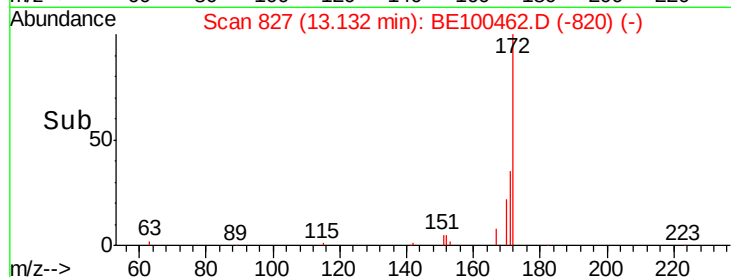
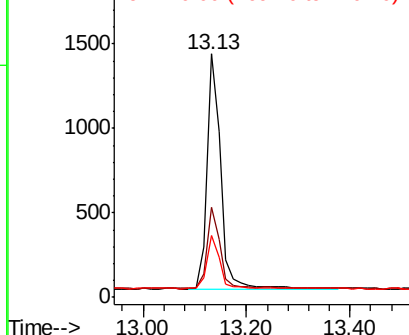
#15
2-Fluorobiphenyl
Concen: 0.103 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE100462.D
Acq: 19 Jul 2019 9:23

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 2578
Ion Ratio Lower Upper
172 100
171 37.1 29.2 43.8
170 25.3 18.8 28.2

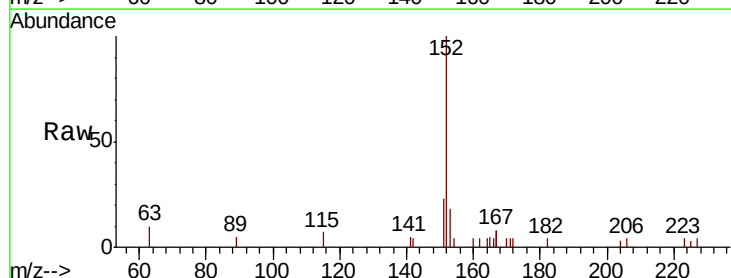


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

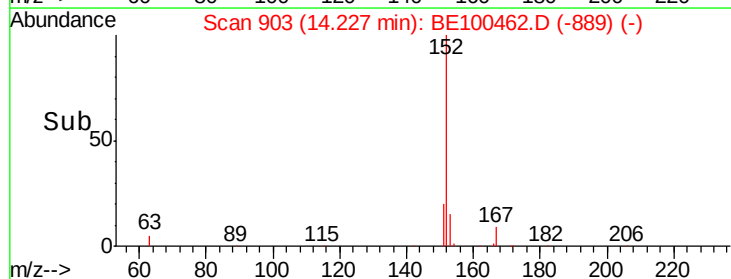
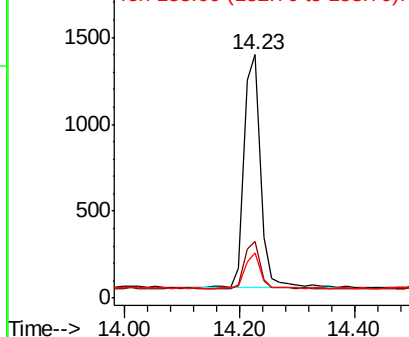


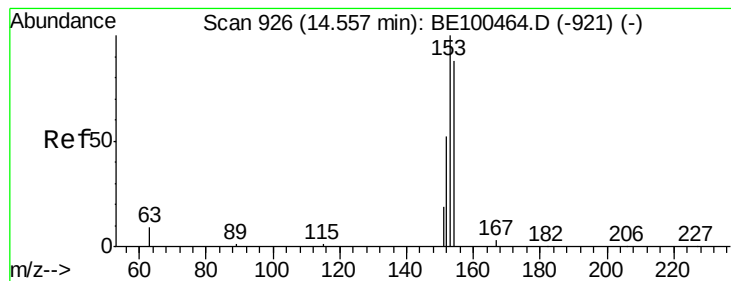
#16
Acenaphthylene
Concen: 0.119 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.00 min
Lab File: BE100462.D
Acq: 19 Jul 2019 9:23

Tgt Ion:152 Resp: 2698
Ion Ratio Lower Upper
152 100
151 19.0 15.5 23.3
153 14.9 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.104 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

Instrument :

BNA_E

ClientSampleId :

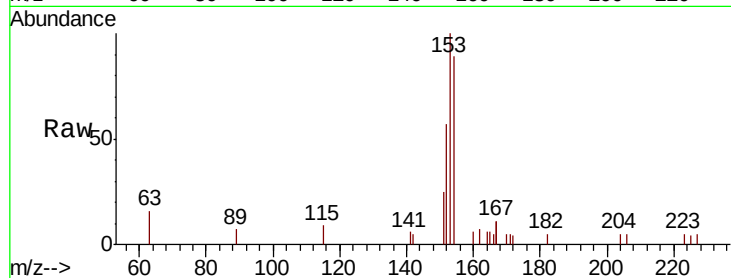
Tot Ion:154 Resp: 1618

Ion Ratio Lower Upper

154 100

153 115.9 89.4 134.2

152 57.3 44.4 66.6

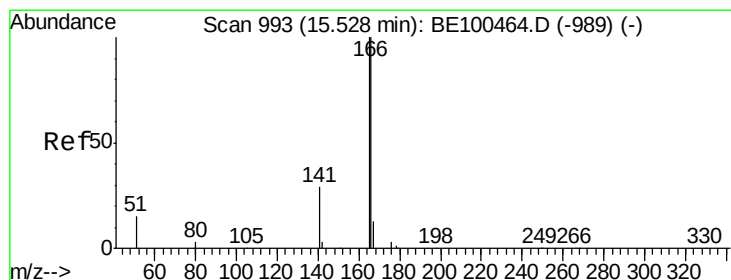
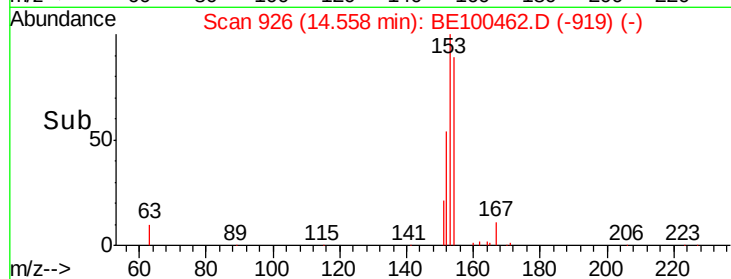
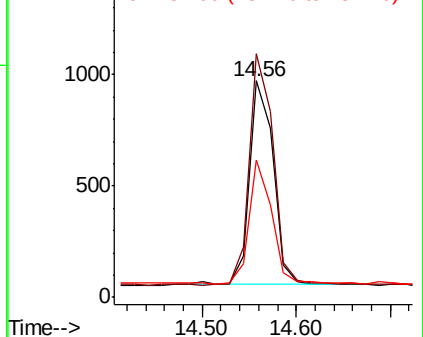


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.108 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

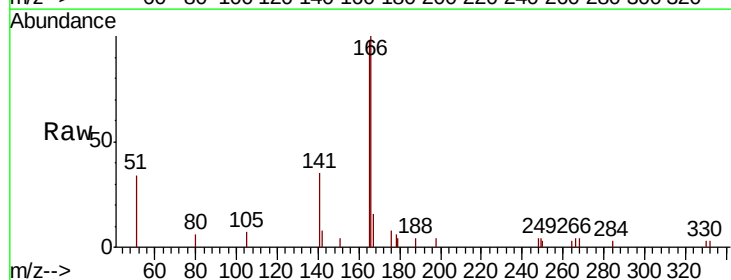
Tgt Ion:166 Resp: 2163

Ion Ratio Lower Upper

166 100

165 97.9 79.8 119.8

167 13.2 10.4 15.6

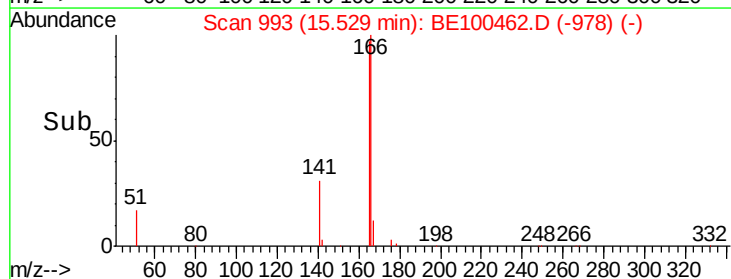
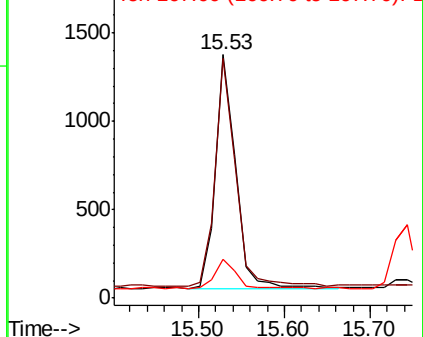


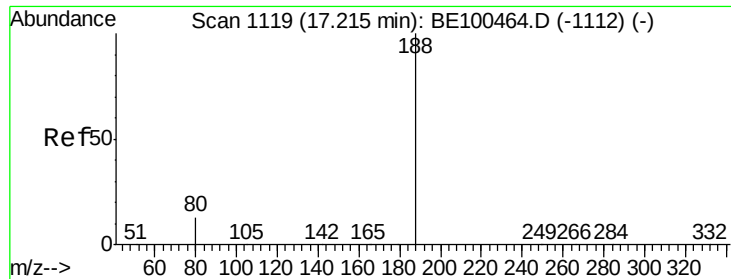
Abundance

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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

Instrument :

BNA_E

ClientSampleId :

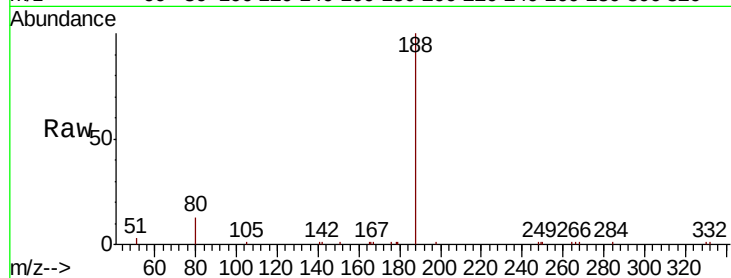
Tot Ion:188 Resp: 15675

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

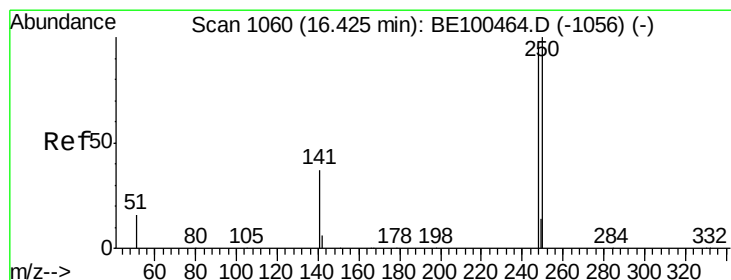
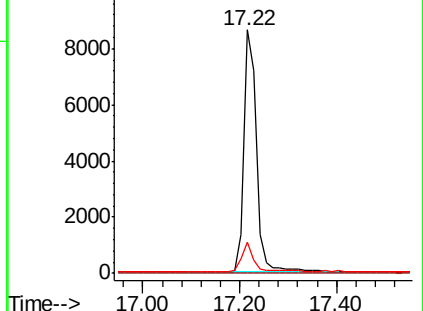
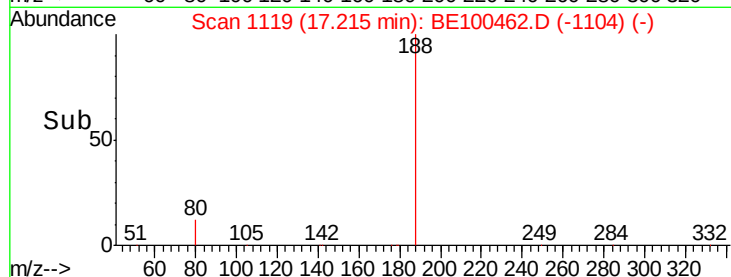
80 13.0 10.7 16.1



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: 0.090 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

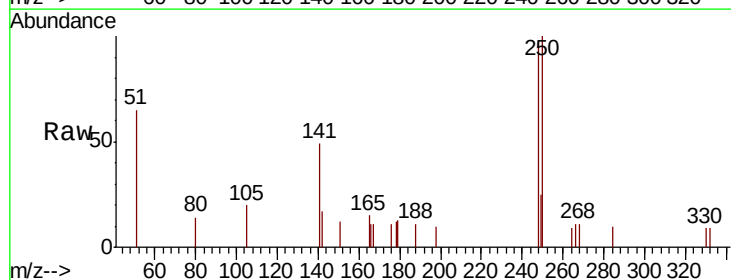
Tgt Ion:248 Resp: 734

Ion Ratio Lower Upper

248 100

250 102.9 83.9 125.9

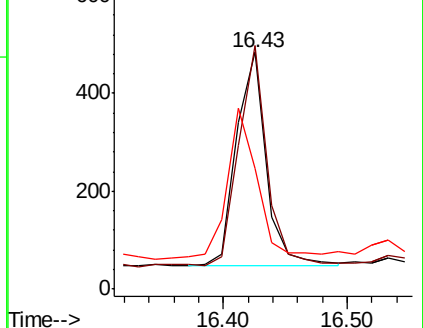
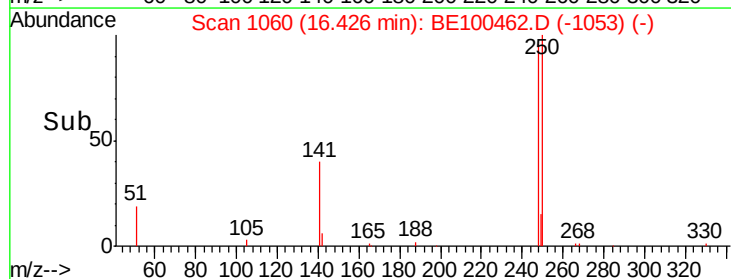
141 50.8 33.7 50.5#

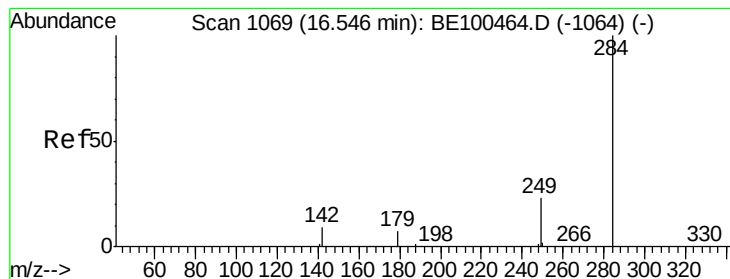


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.080 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

Instrument :

BNA_E

ClientSampleId :

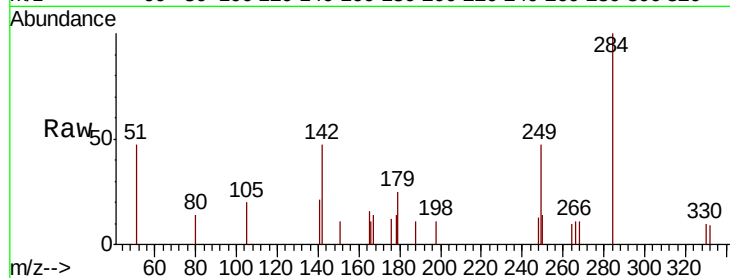
Tot Ion:284 Resp: 769

Ion Ratio Lower Upper

284 100

142 35.2 27.4 41.2

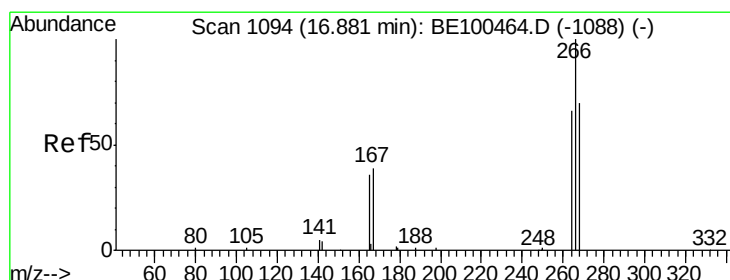
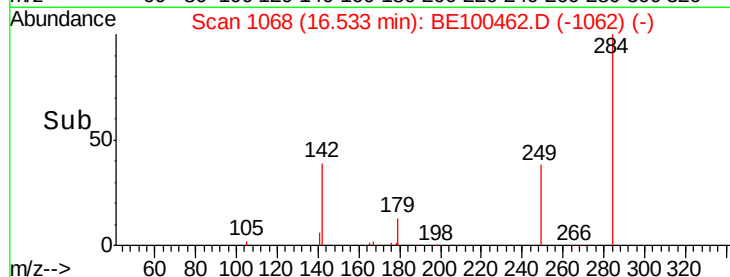
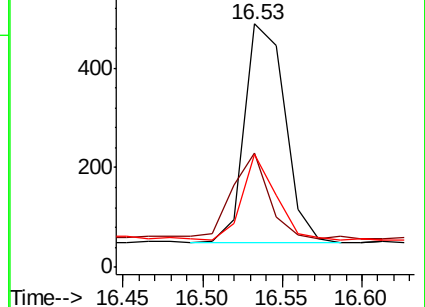
249 32.4 25.1 37.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.127 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.04 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

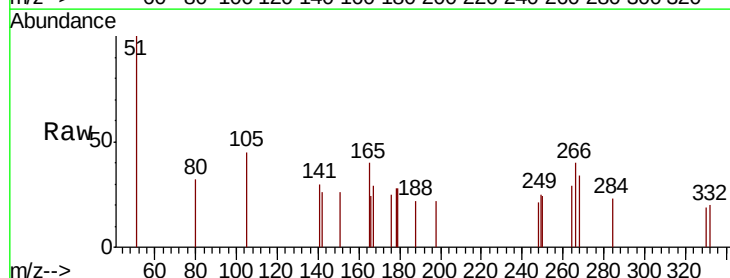
Tgt Ion:266 Resp: 212

Ion Ratio Lower Upper

266 100

264 71.3 55.5 83.3

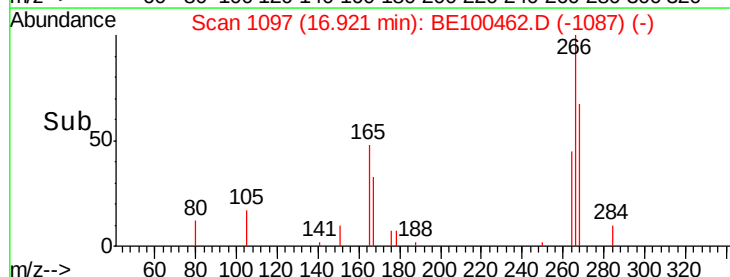
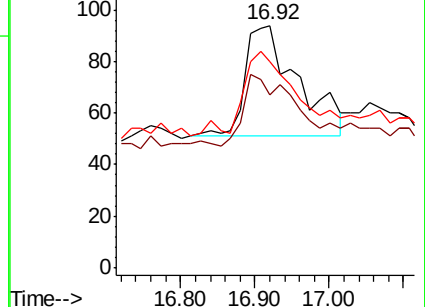
268 85.1 59.2 88.8

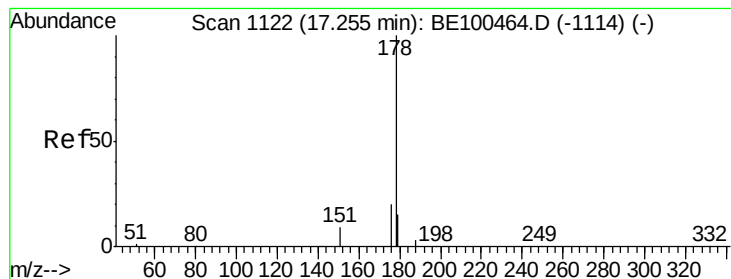


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.098 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

Instrument :

BNA_E

ClientSampleId :

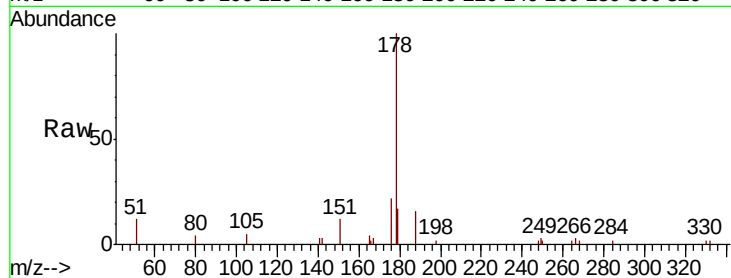
Tot Ion:178 Resp: 4084

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

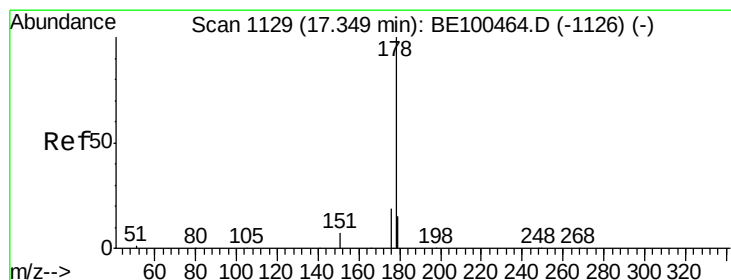
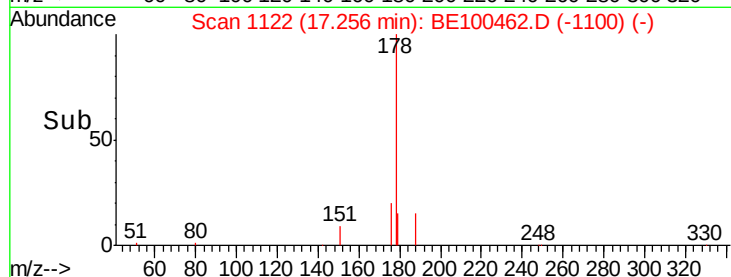
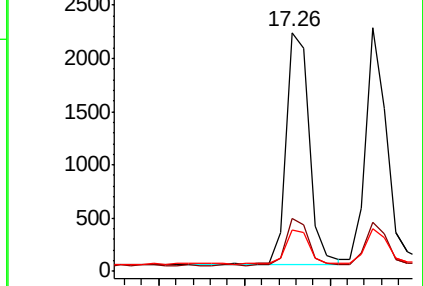
179 15.8 12.5 18.7



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: 0.106 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

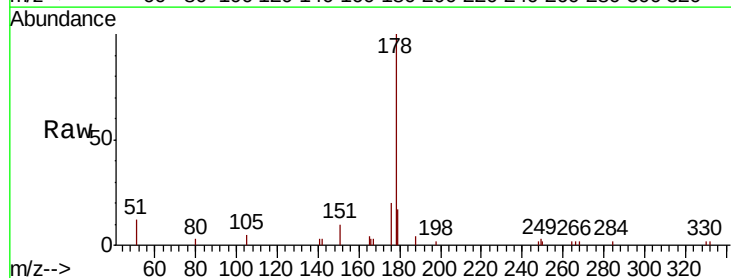
Tgt Ion:178 Resp: 3644

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

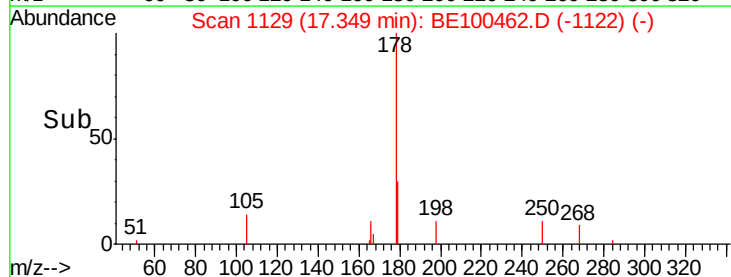
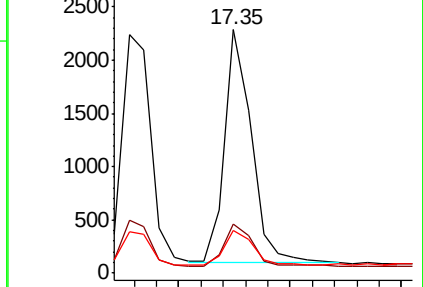
179 16.2 12.2 18.2

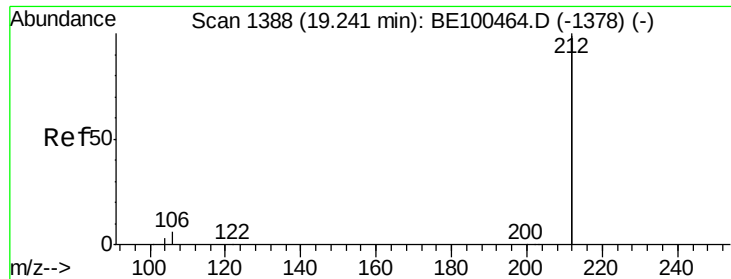


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.125 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

Instrument :

BNA_E

ClientSampleId :

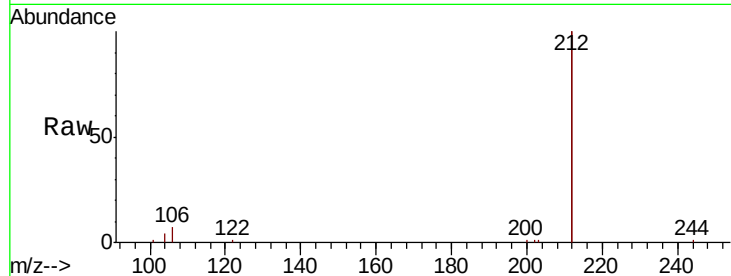
Tot Ion:212 Resp: 23270

Ion Ratio Lower Upper

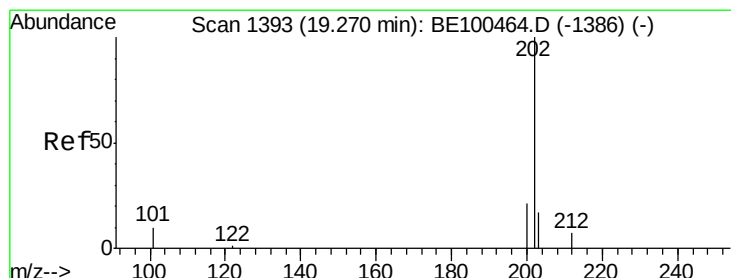
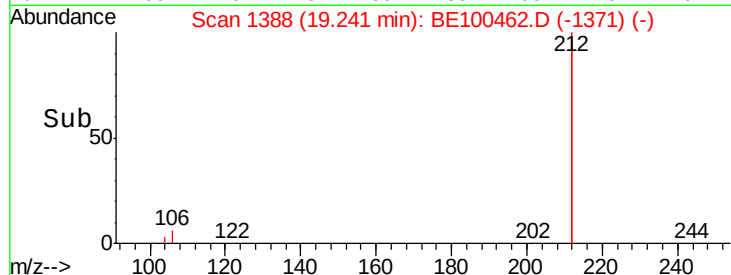
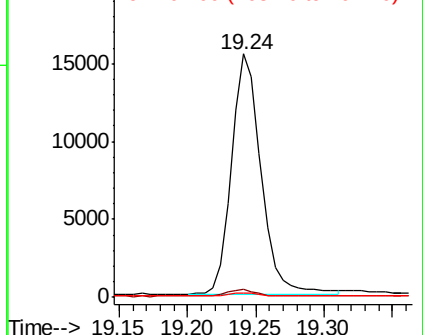
212 100

106 2.9 2.2 3.2

104 1.7 1.2 1.8



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: 0.120 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

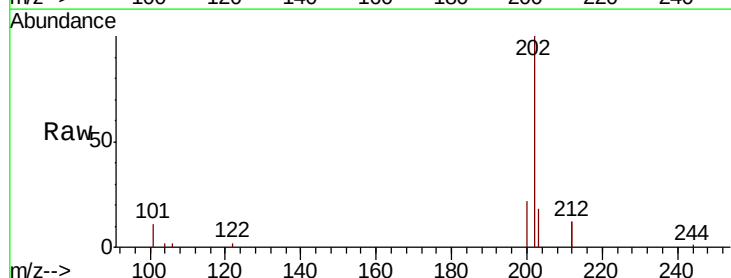
Tgt Ion:202 Resp: 6348

Ion Ratio Lower Upper

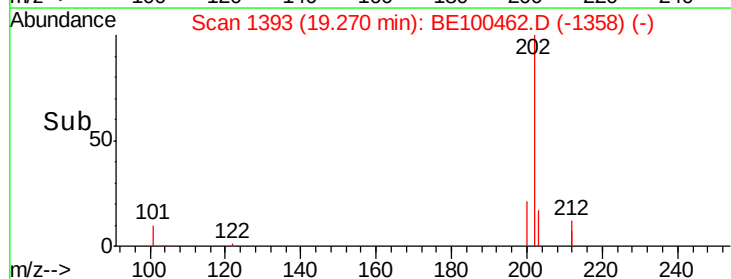
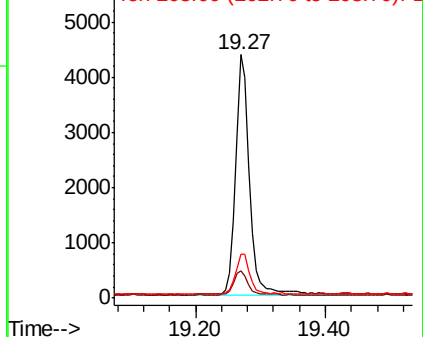
202 100

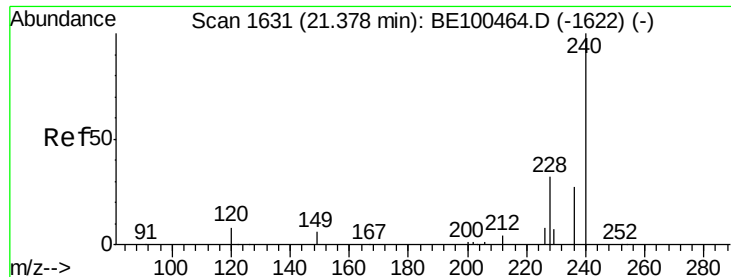
101 9.7 8.3 12.5

203 16.7 13.6 20.4



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

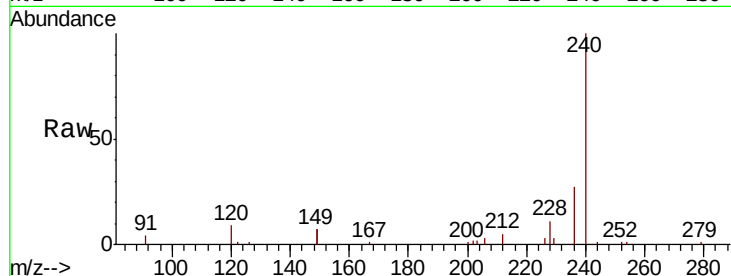




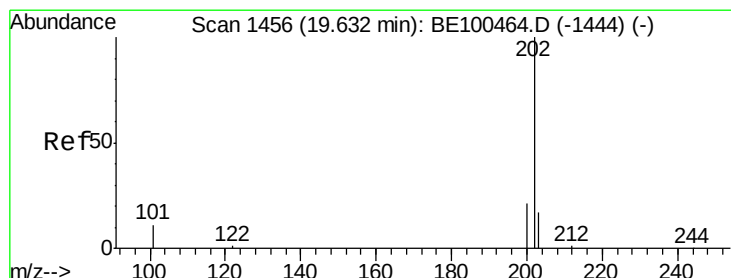
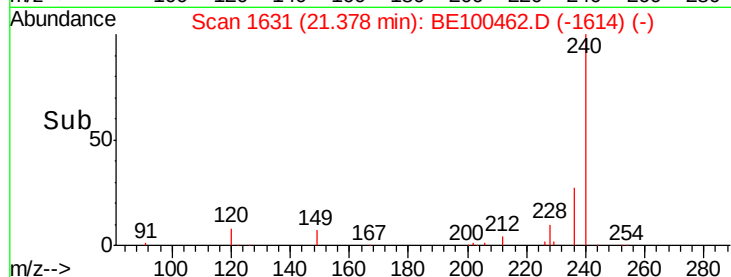
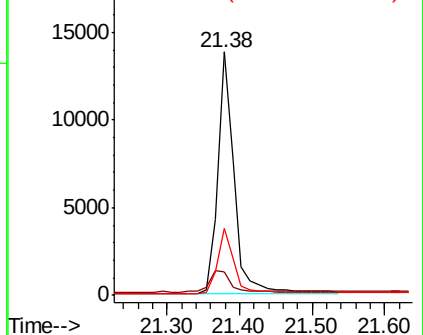
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100462.D
Acq: 19 Jul 2019 9:23

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 21679
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 27.4 21.7 32.5

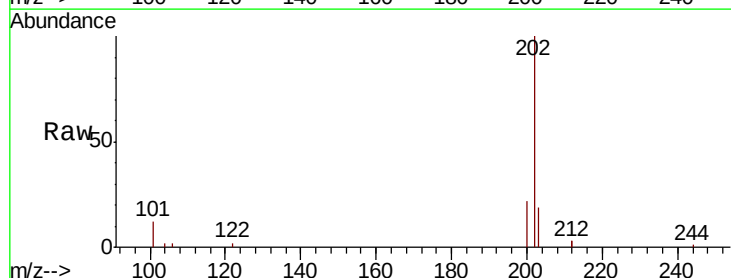


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

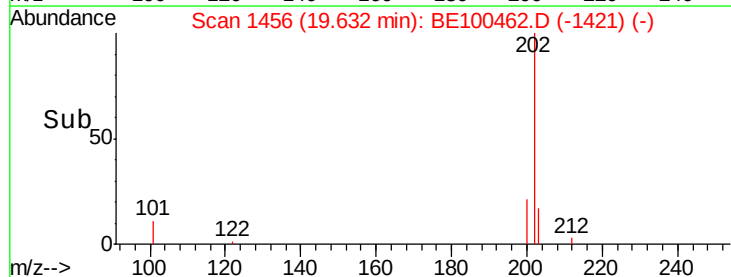
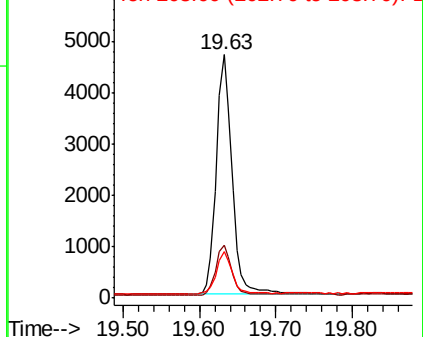


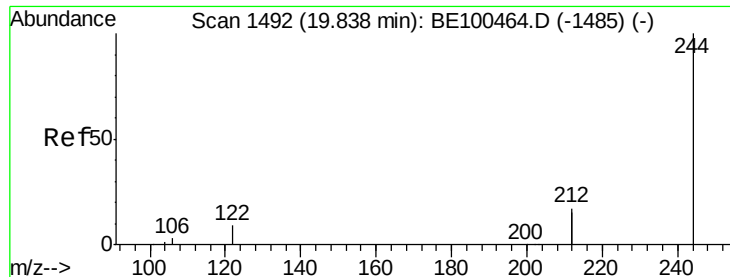
#28
Pyrene
Concen: 0.106 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE100462.D
Acq: 19 Jul 2019 9:23

Tgt Ion:202 Resp: 6714
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.3 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.099 ng

RT: 19.84 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

Instrument :

BNA_E

ClientSampleId :

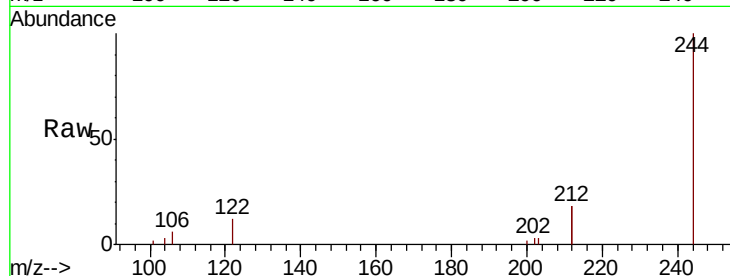
Tot Ion:244 Resp: 5254

Ion Ratio Lower Upper

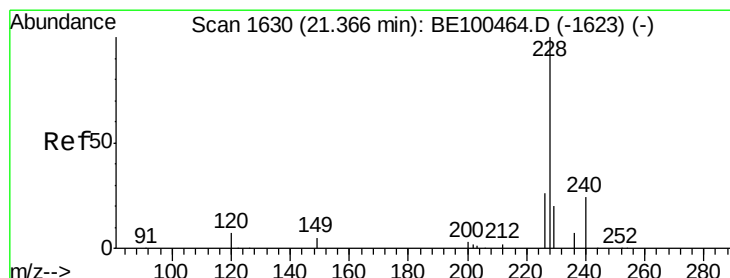
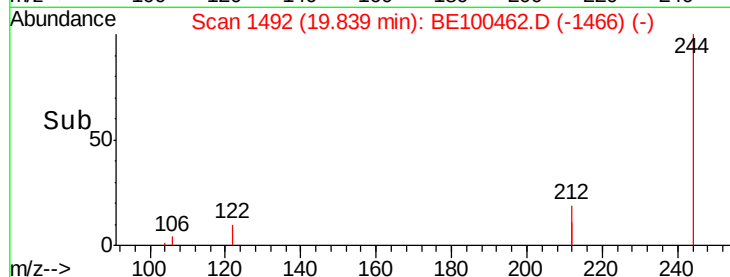
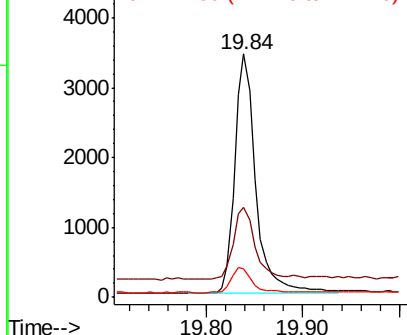
244 100

212 36.9 26.6 40.0

122 11.9 7.6 11.4#



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: 0.119 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

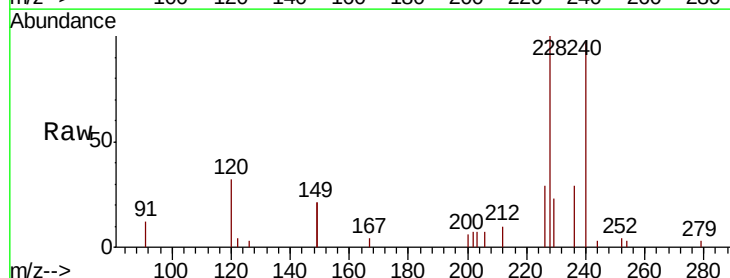
Tgt Ion:228 Resp: 7009

Ion Ratio Lower Upper

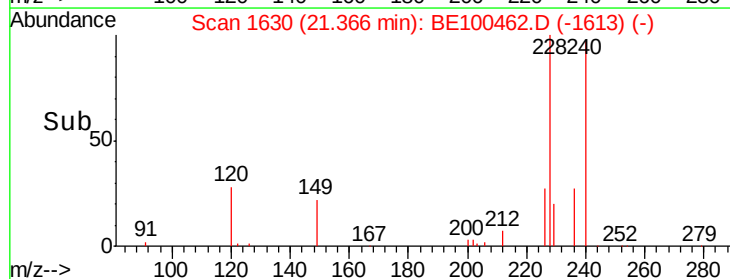
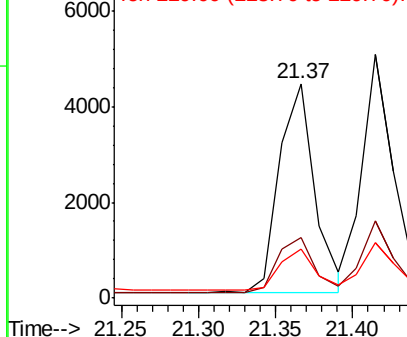
228 100

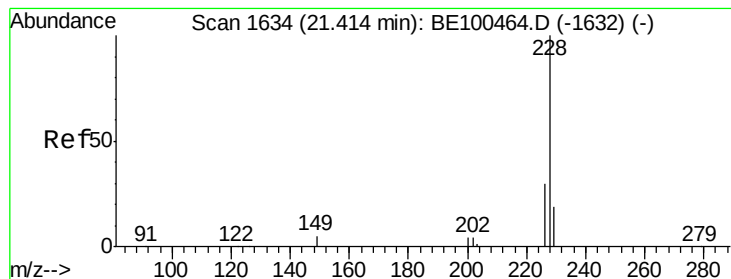
226 28.5 21.3 31.9

229 23.1 16.6 25.0



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: 0.100 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

Instrument :

BNA_E

ClientSampleId :

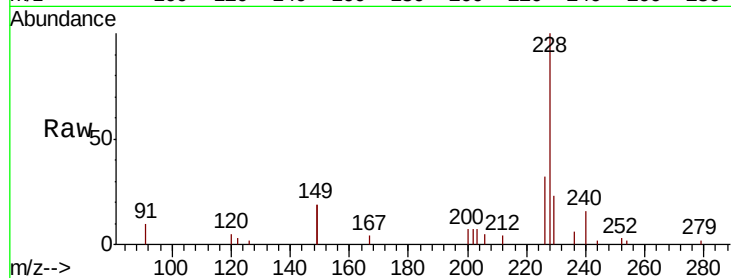
Tot Ion:228 Resp: 7006

Ion Ratio Lower Upper

228 100

226 31.7 24.5 36.7

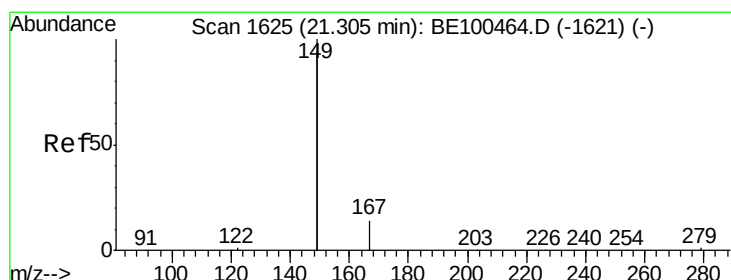
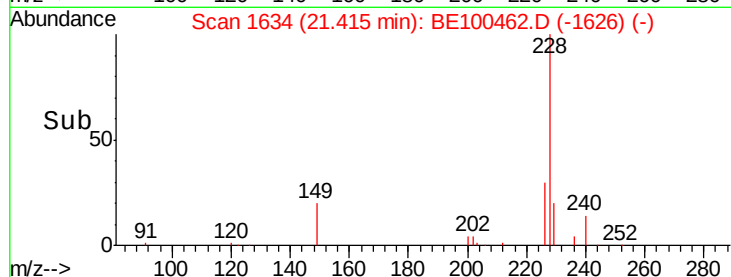
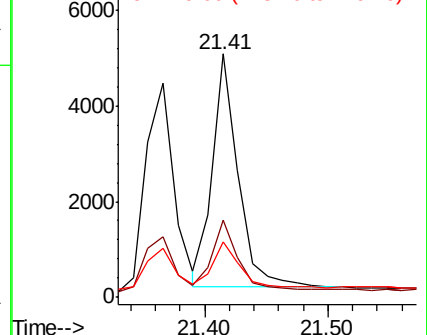
229 22.7 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.408 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

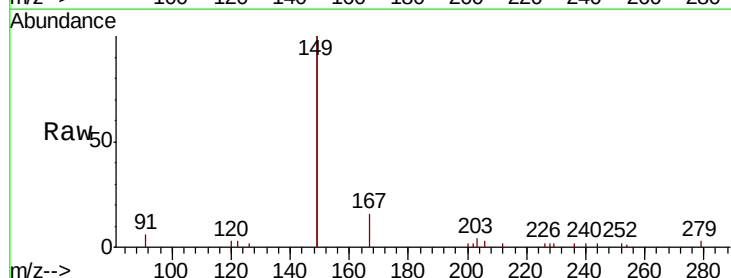
Tgt Ion:149 Resp: 17239

Ion Ratio Lower Upper

149 100

167 7.9 5.8 8.6

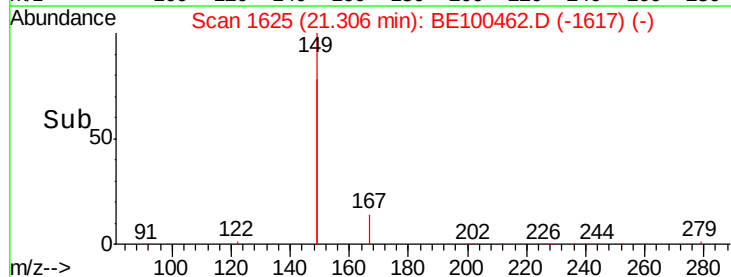
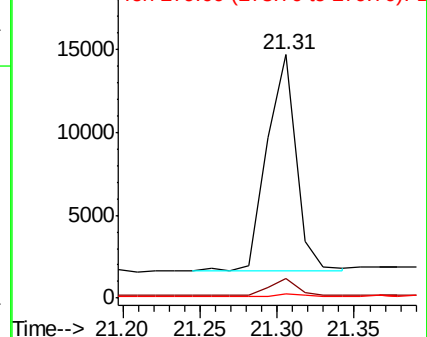
279 1.1 0.8 1.2

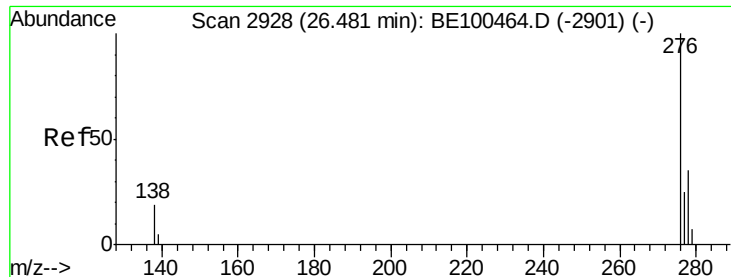


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

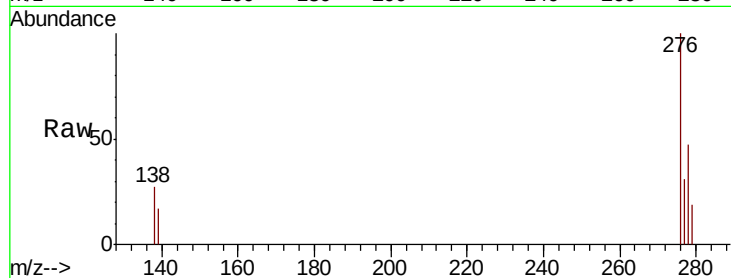




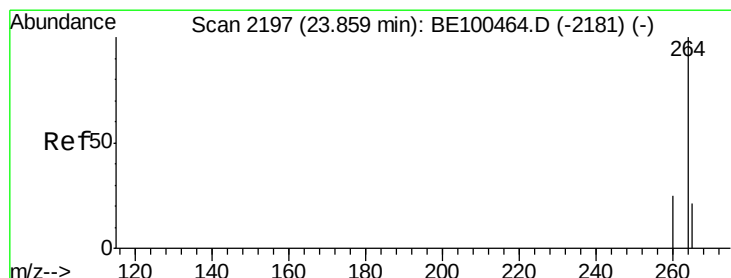
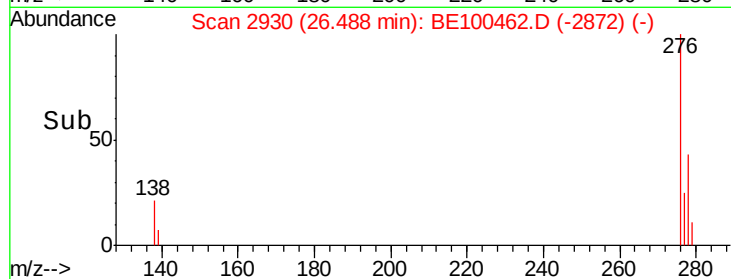
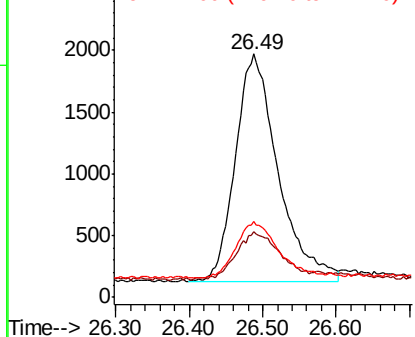
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.120 ng
 RT: 26.49 min Scan# 2930
 Delta R.T. 0.01 min
 Lab File: BE100462.D
 Acq: 19 Jul 2019 9:23

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 7476
 Ion Ratio Lower Upper
 276 100
 138 21.2 17.4 26.0
 277 24.3 19.4 29.0

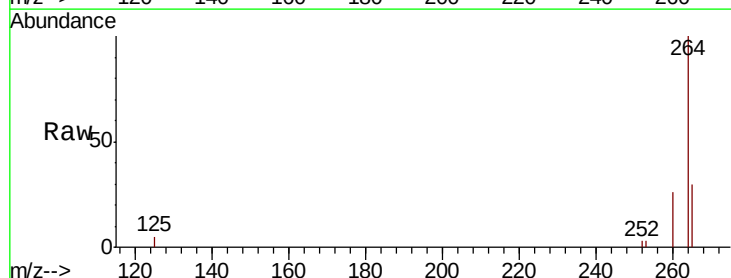


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

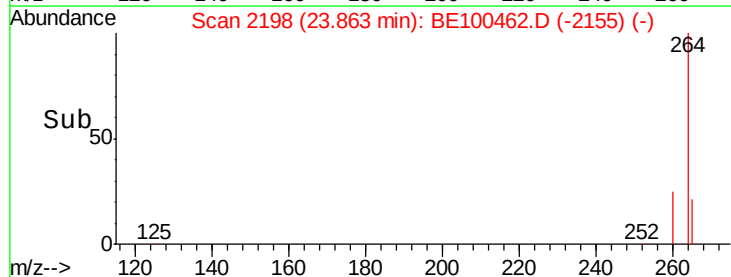
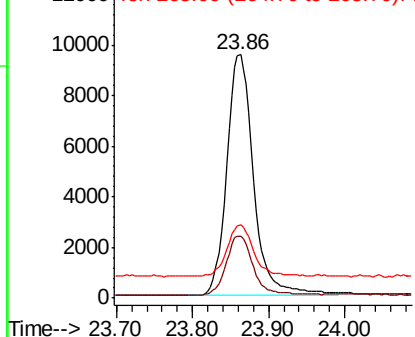


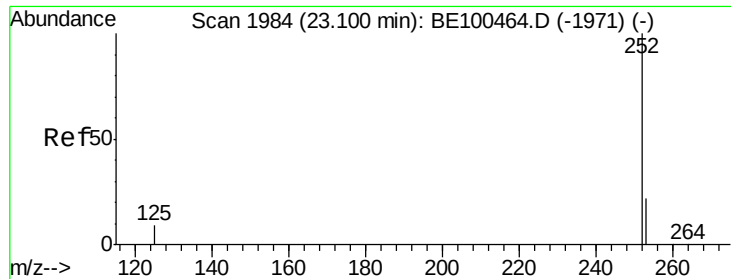
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: BE100462.D
 Acq: 19 Jul 2019 9:23

Tgt Ion:264 Resp: 23180
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.7 31.1
 265 30.0 23.4 35.0



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

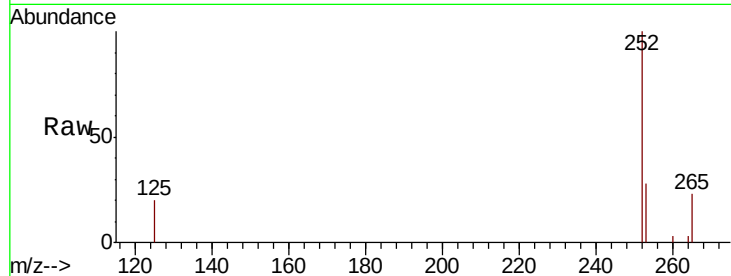




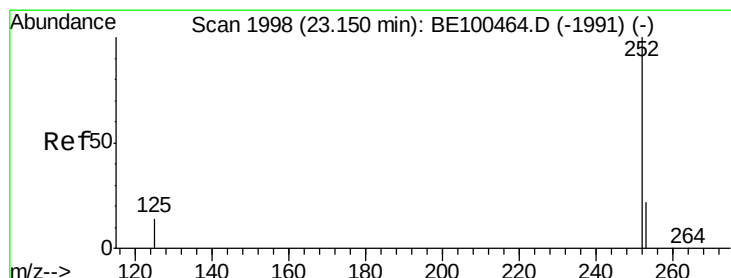
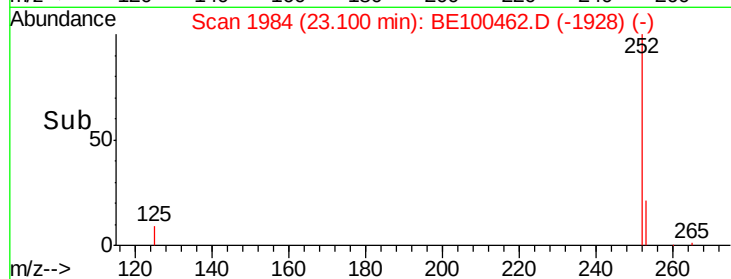
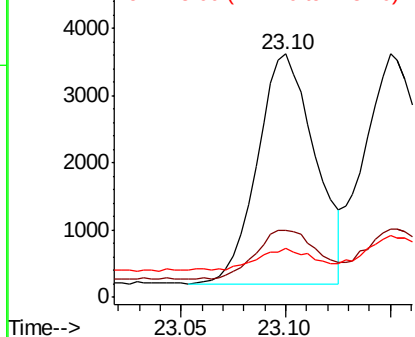
#35
Benzo(b)fluoranthene
Concen: 0.093 ng
RT: 23.10 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BE100462.D
Acq: 19 Jul 2019 9:23

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 6563
Ion Ratio Lower Upper
252 100
253 27.6 18.5 27.7
125 20.1 9.0 13.4#

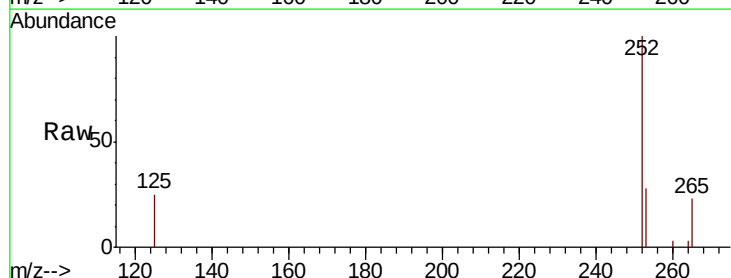


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

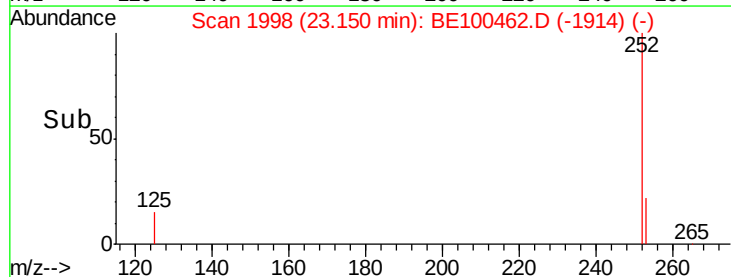
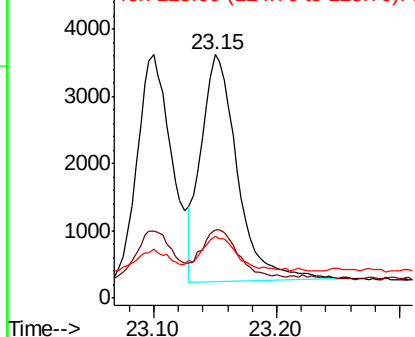


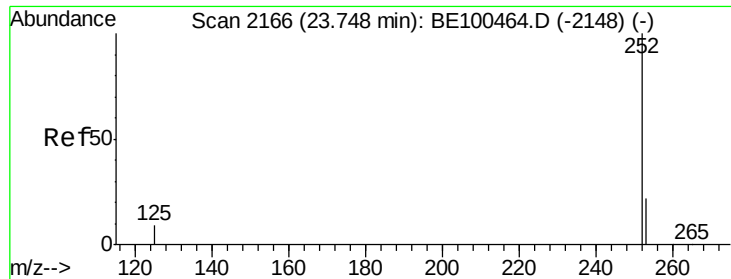
#36
Benzo(k)fluoranthene
Concen: 0.092 ng
RT: 23.15 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BE100462.D
Acq: 19 Jul 2019 9:23

Tgt Ion:252 Resp: 6899
Ion Ratio Lower Upper
252 100
253 28.3 19.0 28.4
125 25.4 11.8 17.8#



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

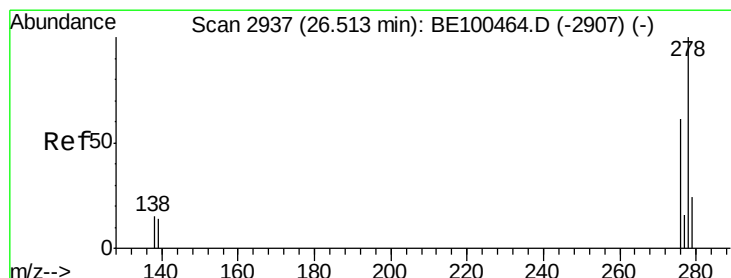
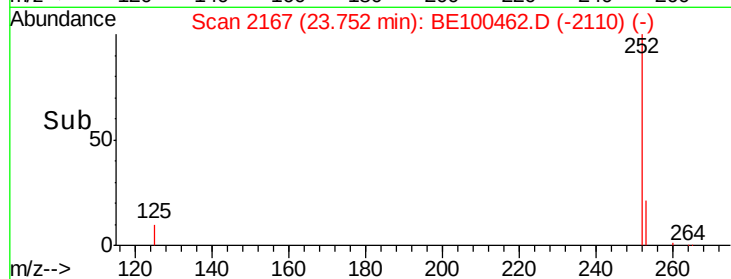
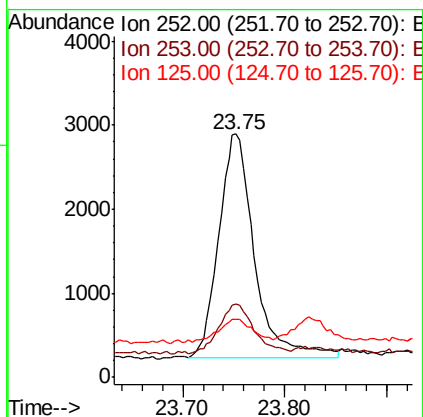
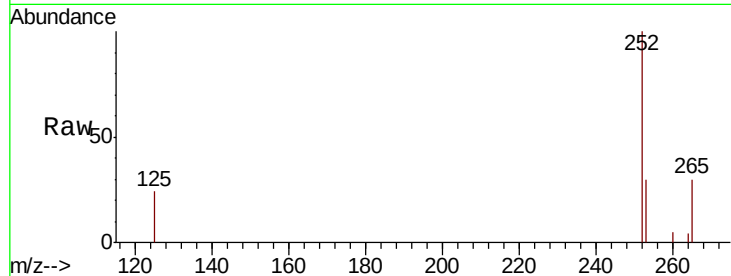




#37
Benzo(a)pyrene
Concen: 0.111 ng
RT: 23.75 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BE100462.D
Acq: 19 Jul 2019 9:23

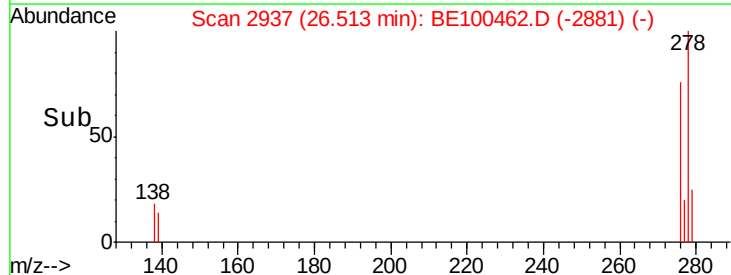
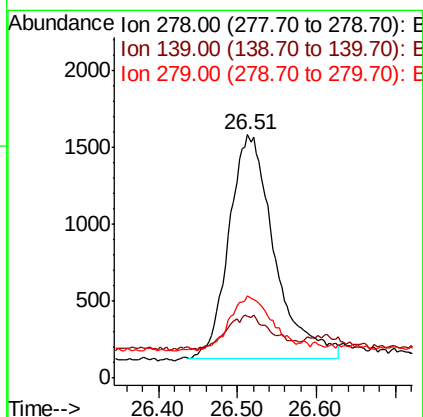
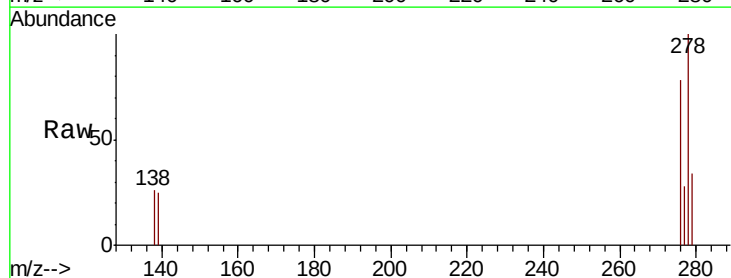
Instrument :
BNA_E
ClientSampleId :

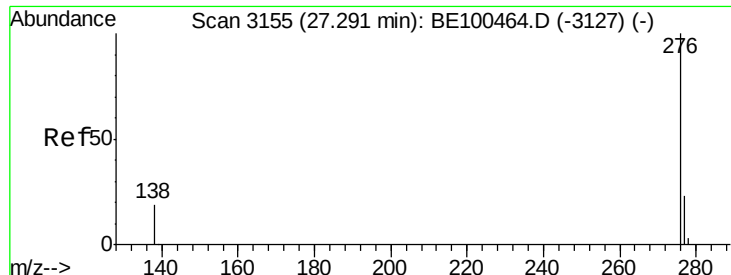
Tot Ion:252 Resp: 6450
Ion Ratio Lower Upper
252 100
253 29.9 19.1 28.7#
125 23.6 10.0 15.0#



#38
Dibenzo(a,h)anthracene
Concen: 0.094 ng
RT: 26.51 min Scan# 2937
Delta R.T. 0.00 min
Lab File: BE100462.D
Acq: 19 Jul 2019 9:23

Tgt Ion:278 Resp: 5833
Ion Ratio Lower Upper
278 100
139 25.4 13.0 19.6#
279 33.7 20.4 30.6#





#39

Benzo(a,h,i)perylene

Concen: 0.099 ng

RT: 27.29 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BE100462.D

Acq: 19 Jul 2019 9:23

Instrument :

BNA_E

ClientSampleId :

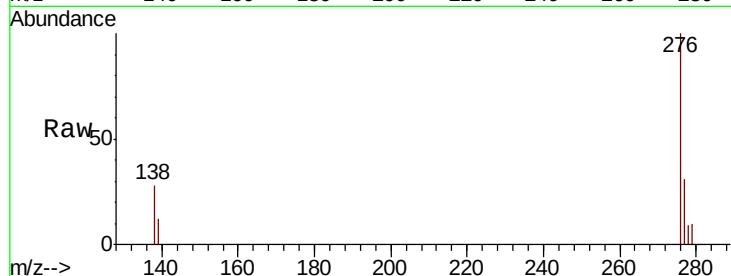
Tot Ion:276 Resp: 6404

Ion Ratio Lower Upper

276 100

277 30.7 19.9 29.9#

138 28.1 16.7 25.1#



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

