

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071719\
 Data File : BE100456.D
 Acq On : 17 Jul 2019 19:31
 Operator : HP/JU
 Sample : K3818-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 18 02:09:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 16 14:03:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	5542	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	23928	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	14563	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	32924	0.40	ng	0.01
27) Chrysene-d12	21.40	240	40213	0.40	ng	0.01
34) Perylene-d12	23.91	264	39442	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	3934	0.37	ng	0.00
5) Phenol-d6	7.05	99	5967	0.38	ng	0.00
8) Nitrobenzene-d5	9.03	82	4177	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	13109	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1511	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	10634	0.16	ng	0.00
25) Fluoranthene-d10	19.26	212	76631	0.20	ng	0.00
29) Terphenyl-d14	19.86	244	15421	0.16	ng	0.00

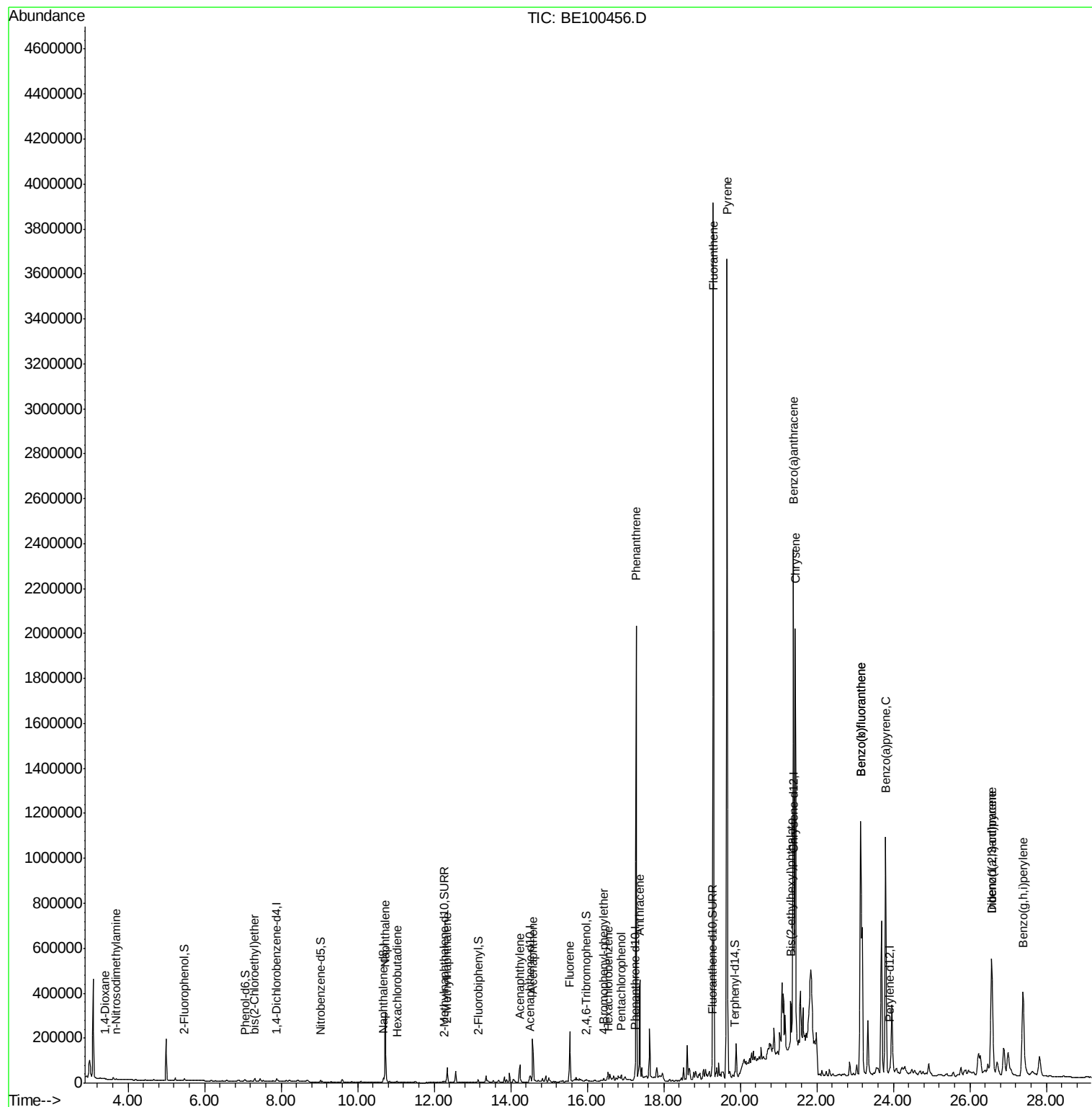
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	1794	0.147	ng	# 73
3) n-Nitrosodimethylamine	3.70	42	1489	0.310	ng	# 41
6) bis(2-Chloroethyl)ether	7.31	93	5279	0.335	ng	88
9) Naphthalene	10.73	128	507200	2.176	ng	100
10) Hexachlorobutadiene	11.03	225	2572	0.228	ng	98
12) 2-Methylnaphthalene	12.34	142	47962	1.231	ng	99
16) Acenaphthylene	14.24	152	99588	1.691	ng	99
17) Acenaphthene	14.57	154	107102	2.646	ng	96
18) Fluorene	15.54	166	156384	2.996	ng	98
20) 4-Bromophenyl-phenylether	16.44	248	4045	0.235	ng	# 76
21) Hexachlorobenzene	16.56	284	3774	0.188	ng	# 90
22) Pentachlorophenol	16.89	266	4805	1.190	ng	95
23) Phenanthrene	17.28	178	2031326	23.156	ng	98
24) Anthracene	17.38	178	536945	7.416	ng	97
26) Fluoranthene	19.29	202	3553175	31.869	ng	98
28) Pyrene	19.66	202	3416475	29.042	ng	# 90
30) Benzo(a)anthracene	21.39	228	2160283	19.794	ng	95
31) Chrysene	21.44	228	1707979	13.178	ng	96
32) Bis(2-ethylhexyl)phthalate	21.32	149	283200	3.618	ng	97
33) Indeno(1,2,3-cd)pyrene	26.57	276	1015518	8.813	ng	97
35) Benzo(b)fluoranthene	23.15	252	2141672	17.772	ng	97
36) Benzo(k)fluoranthene	23.15	252	2141672	16.794	ng	97
37) Benzo(a)pyrene	23.80	252	1695892	17.114	ng	97
38) Dibenzo(a,h)anthracene	26.58	278	284974	2.697	ng	# 86
39) Benzo(g,h,i)perylene	27.39	276	1013544	9.173	ng	98

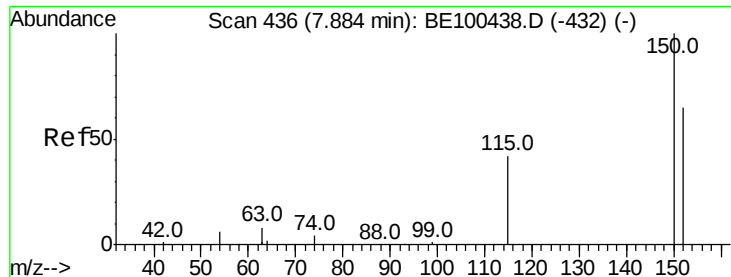
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. 0.00 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

Instrument :
BNA_E
ClientSampleId :

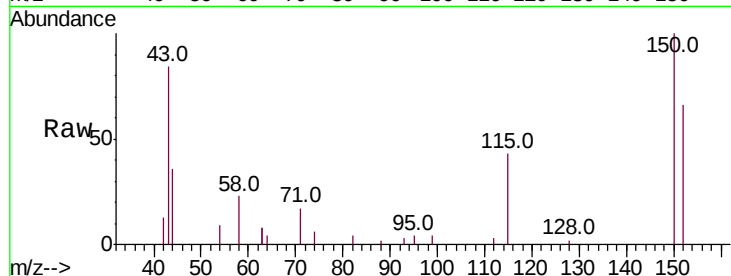
Tot Ion:152 Resp: 5542

Ion Ratio Lower Upper

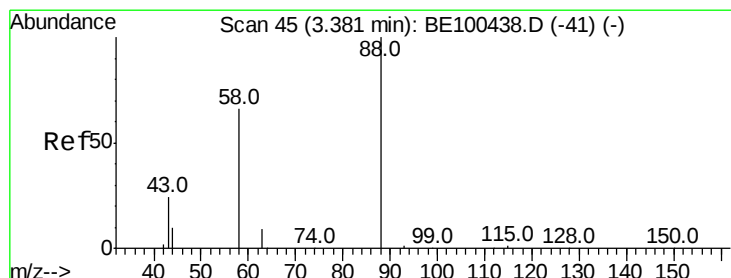
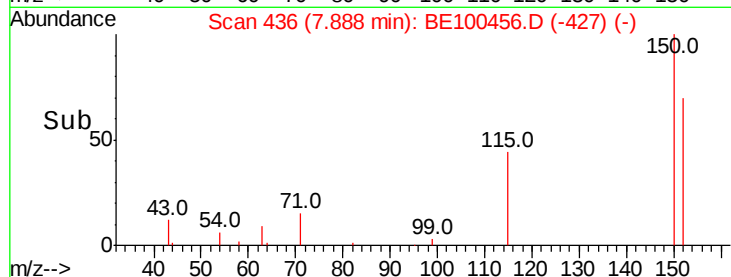
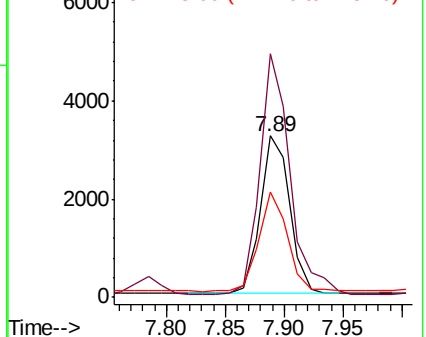
152 100

150 151.1 121.7 182.5

115 65.4 52.4 78.6



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: 0.147 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

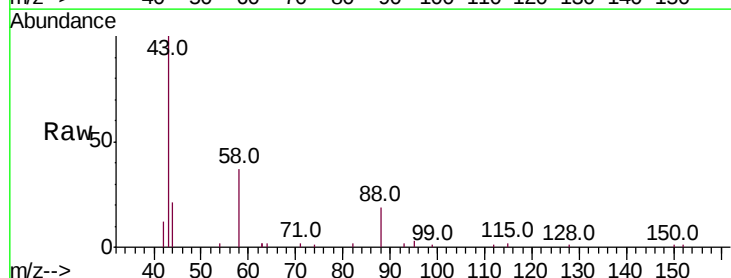
Tgt Ion: 88 Resp: 1794

Ion Ratio Lower Upper

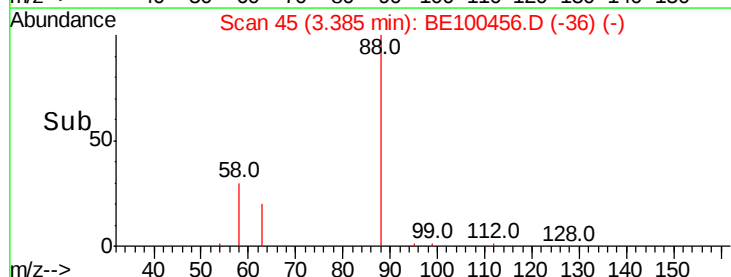
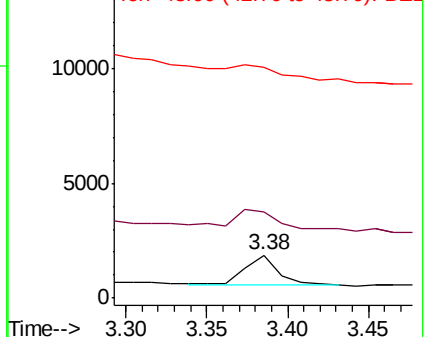
88 100

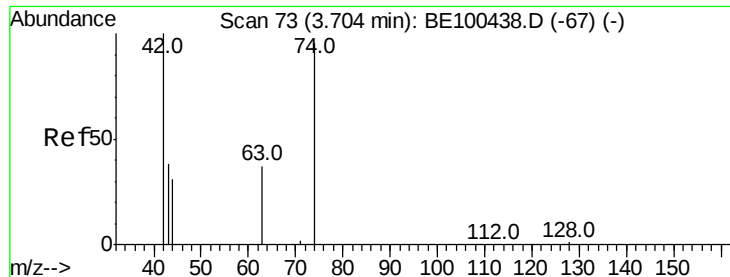
58 83.6 57.8 86.8

43 0.0 25.0 37.6#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.310 ng

RT: 3.70 min Scan# 72

Delta R.T. -0.01 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

Instrument :

BNA_E

ClientSampled :

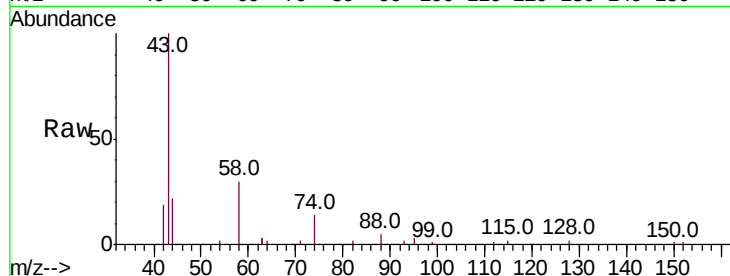
Tot Ion: 42 Resp: 1489

Ion Ratio Lower Upper

42 100

74 169.3 85.3 127.9#

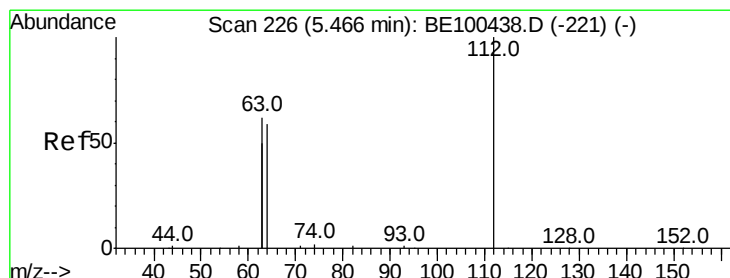
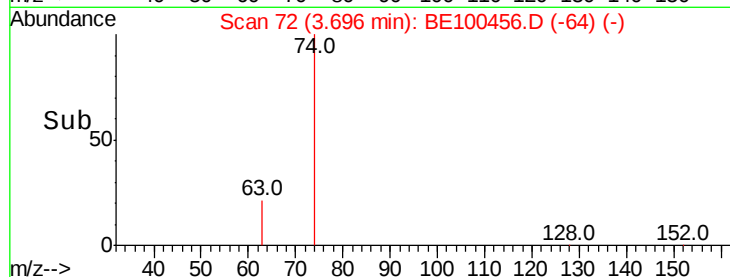
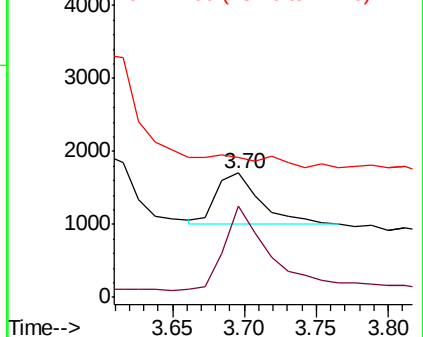
44 0.0 21.8 32.8#



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: 0.373 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

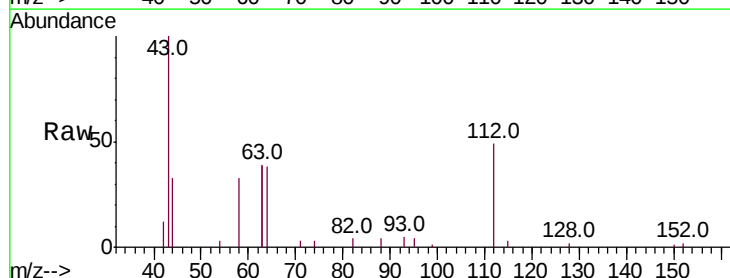
Tgt Ion: 112 Resp: 3934

Ion Ratio Lower Upper

112 100

64 69.0 55.0 82.4

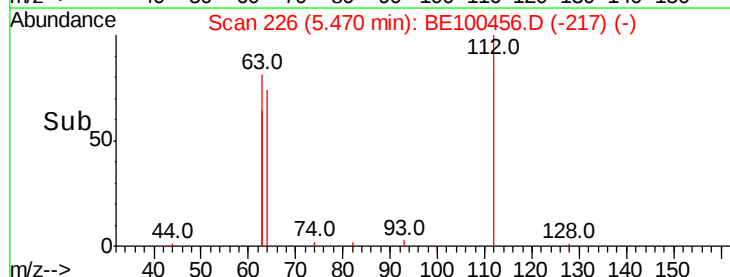
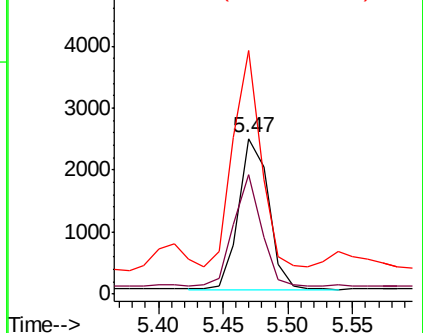
63 133.1 114.8 172.2

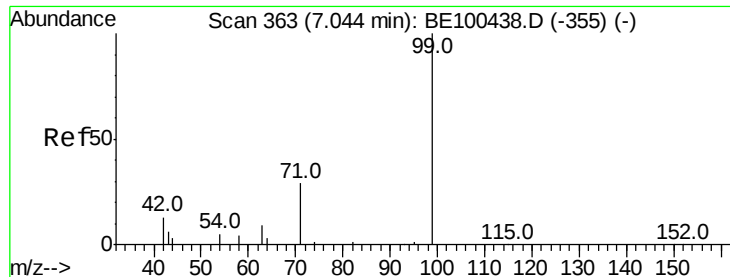


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.383 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

Instrument :

BNA_E

ClientSampleId :

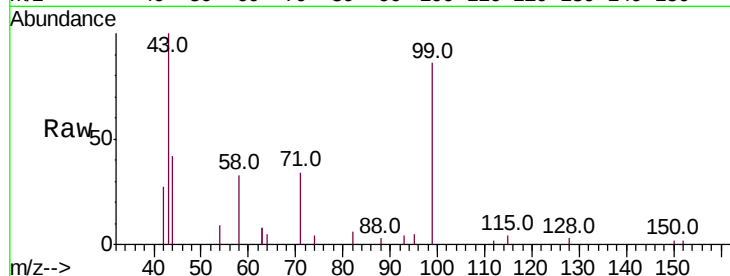
Tot Ion: 99 Resp: 5967

Ion Ratio Lower Upper

99 100

42 24.5 17.4 26.2

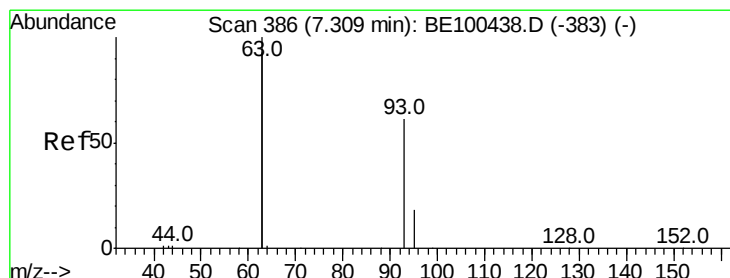
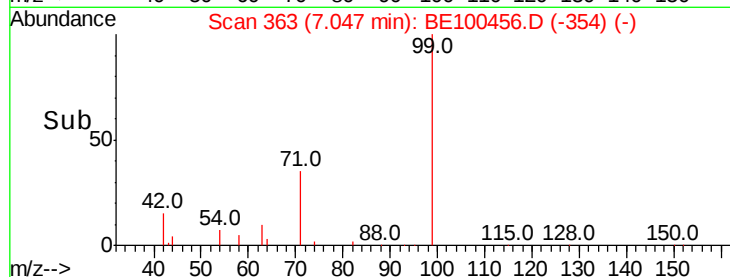
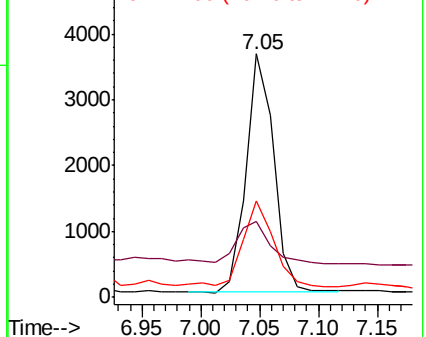
71 40.0 28.2 42.4



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: 0.335 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

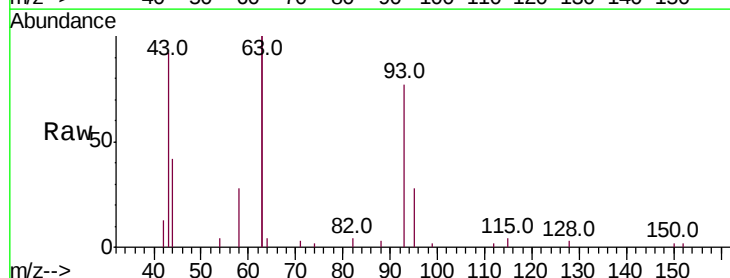
Tgt Ion: 93 Resp: 5279

Ion Ratio Lower Upper

93 100

63 307.0 266.9 400.3

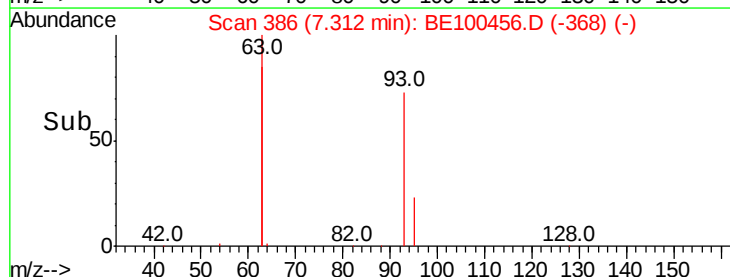
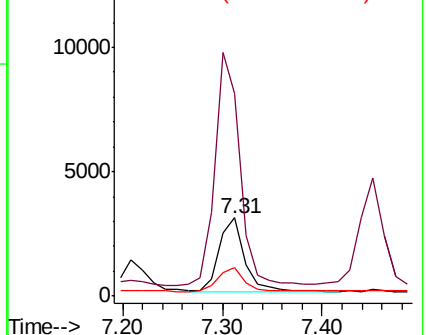
95 33.6 26.8 40.2

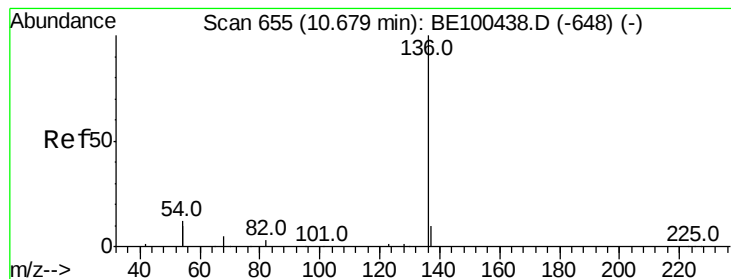


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 23928

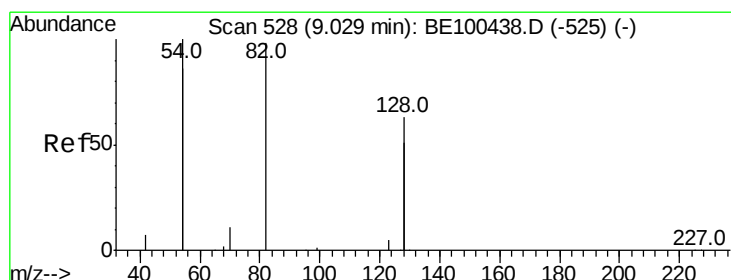
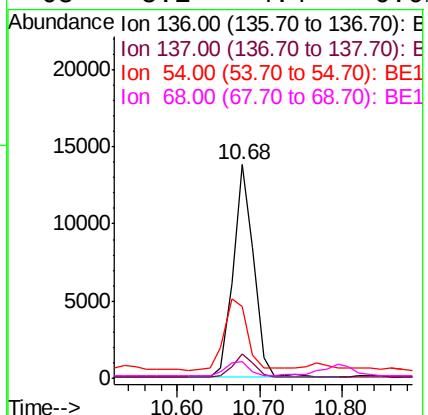
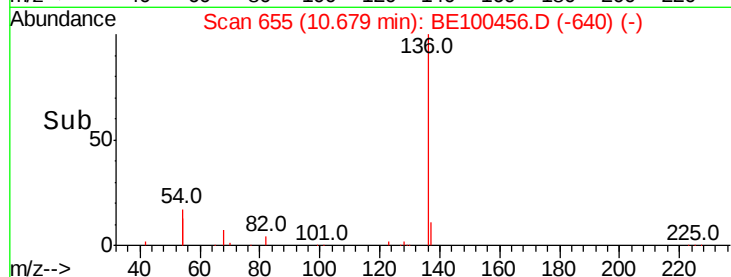
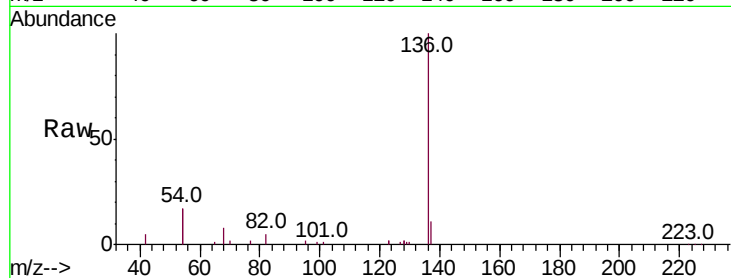
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 33.4 19.6 29.4#

68 8.1 4.4 6.6#



#8

Nitrobenzene-d5

Concen: 0.316 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.00 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

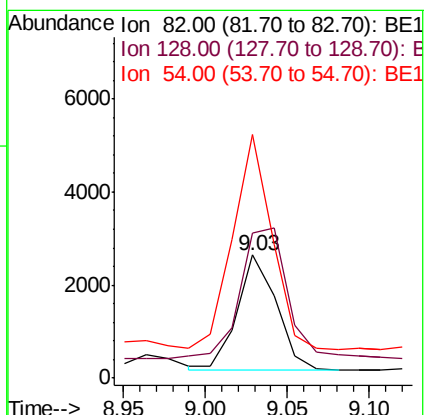
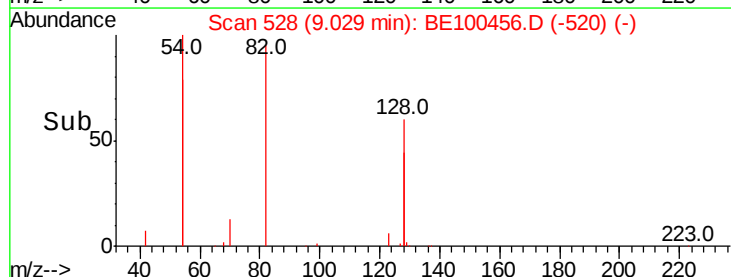
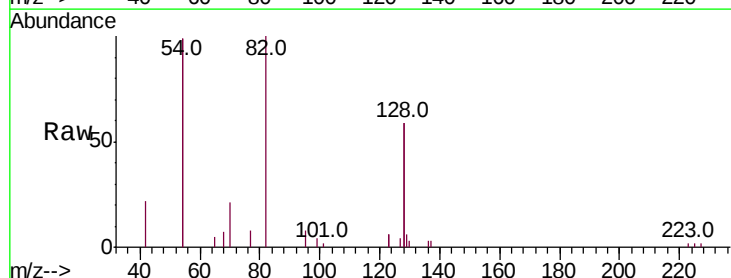
Tgt Ion: 82 Resp: 4177

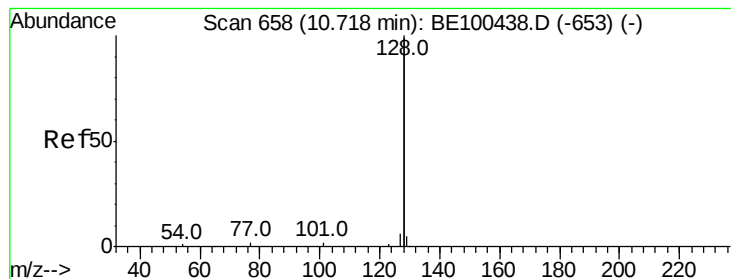
Ion Ratio Lower Upper

82 100

128 118.2 97.9 146.9

54 198.0 155.0 232.6





#9

Naphthalene

Concen: 2.176 ng

RT: 10.73 min Scan# 659

Delta R.T. 0.01 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

Instrument :

BNA_E

ClientSampleId :

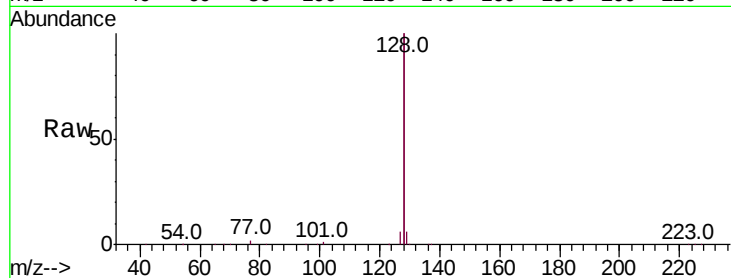
Tot Ion:128 Resp: 507200

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

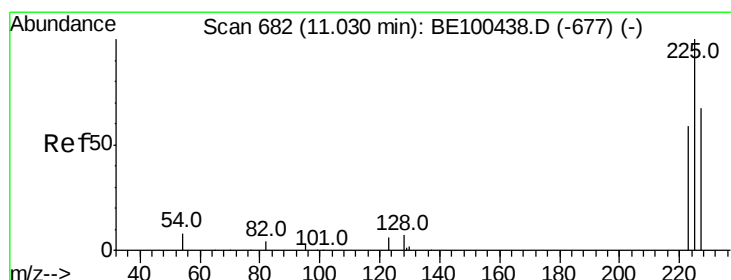
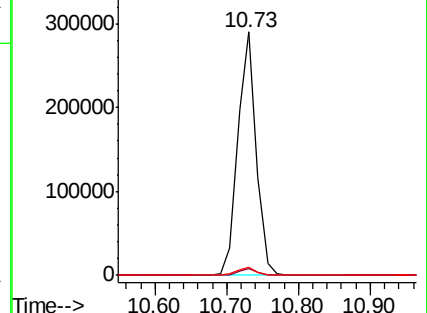
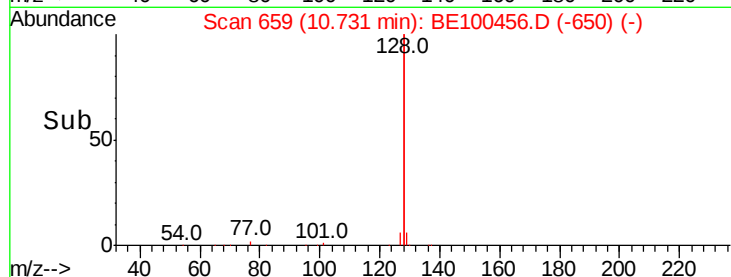
127 3.2 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.228 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.00 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

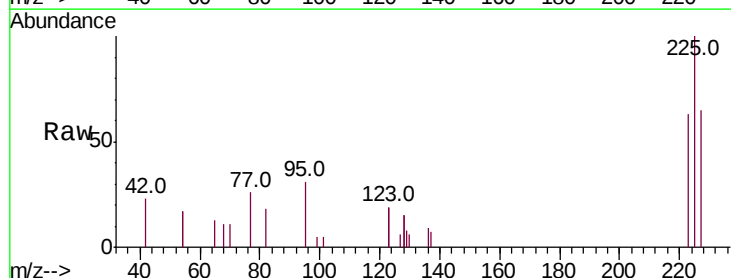
Tgt Ion:225 Resp: 2572

Ion Ratio Lower Upper

225 100

223 63.9 49.8 74.8

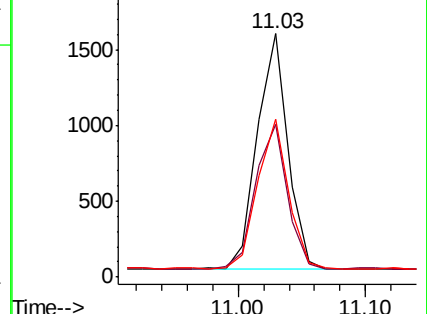
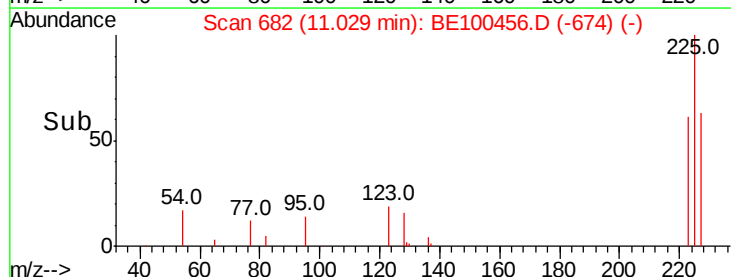
227 64.1 52.3 78.5

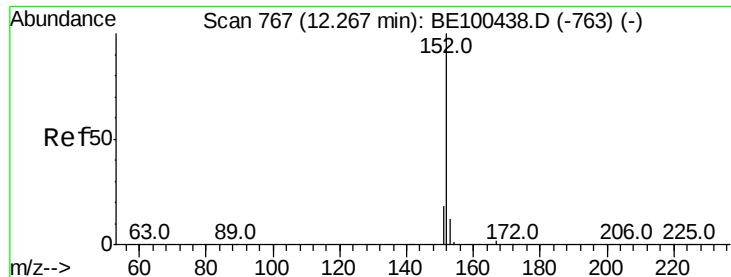


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.362 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

Instrument :

BNA_E

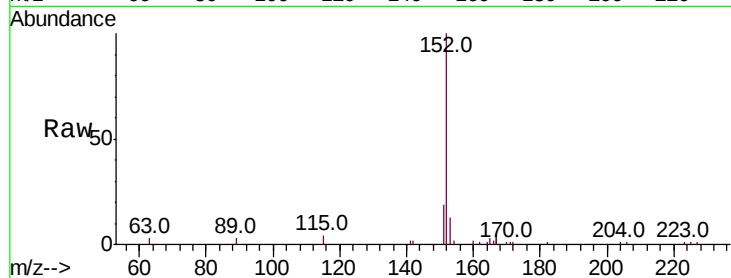
ClientSampleId :

Tot Ion:152 Resp: 13109

Ion Ratio Lower Upper

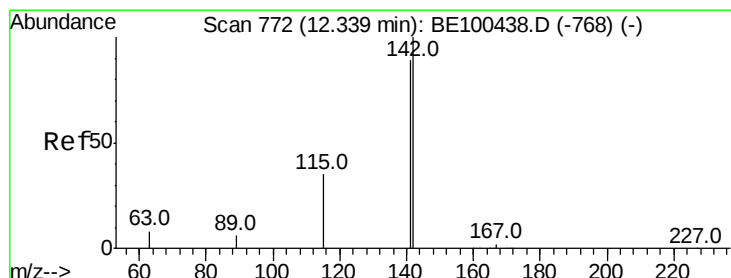
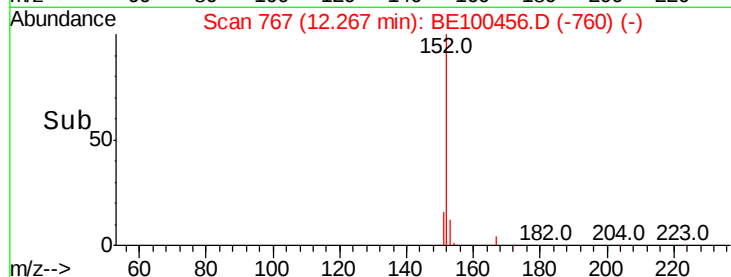
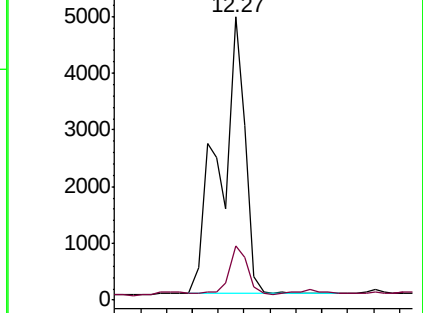
152 100

151 12.5 16.0 24.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 1.231 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

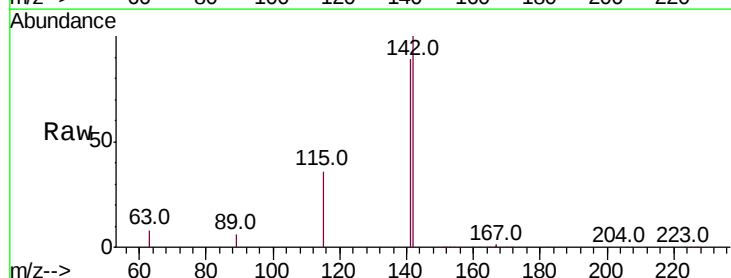
Tgt Ion:142 Resp: 47962

Ion Ratio Lower Upper

142 100

141 89.2 70.9 106.3

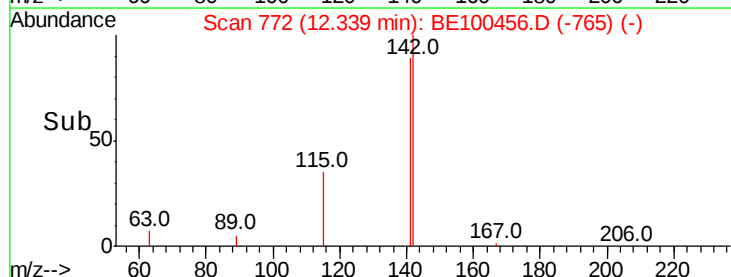
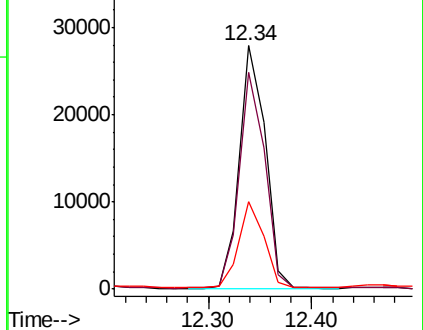
115 35.8 29.0 43.4

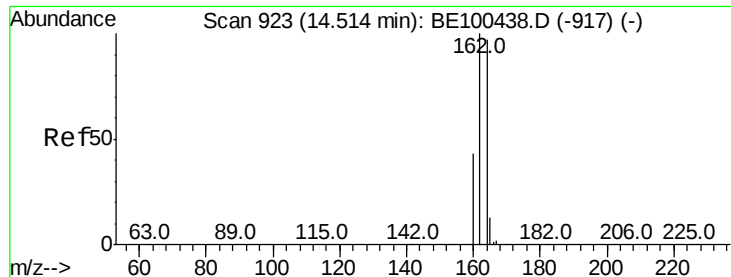


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

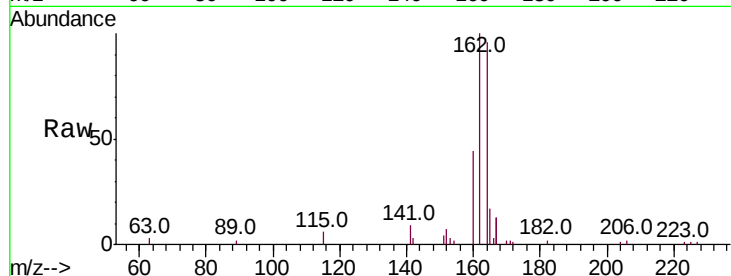




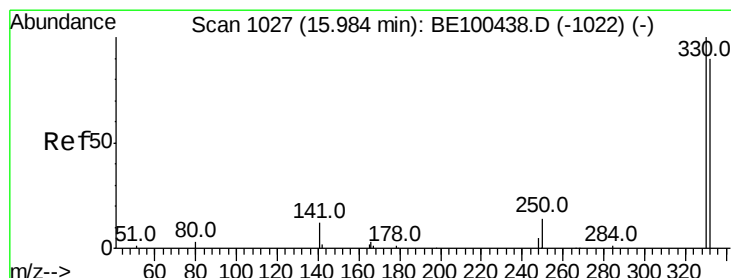
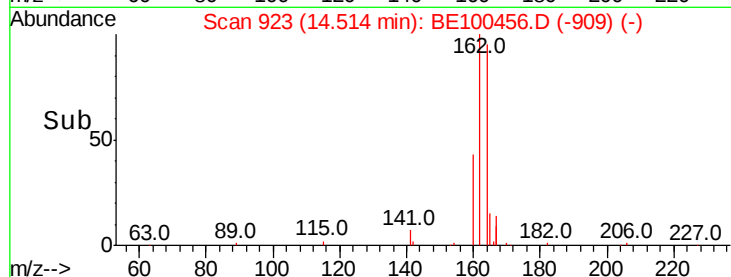
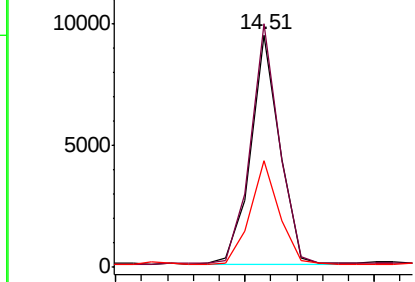
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100456.D
Acq: 17 Jul 2019 19:31

Instrument :
BNA_E
ClientSampled :

Tot Ion:164 Resp: 14563
Ion Ratio Lower Upper
164 100
162 104.7 82.6 124.0
160 45.9 35.6 53.4

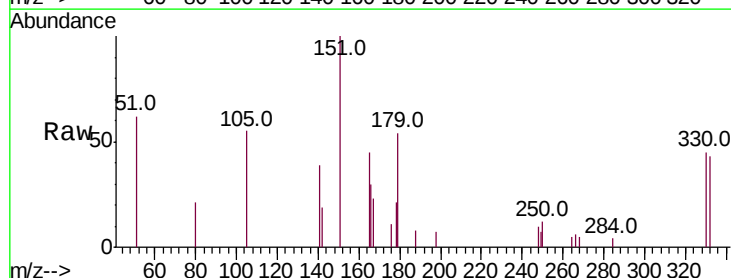


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

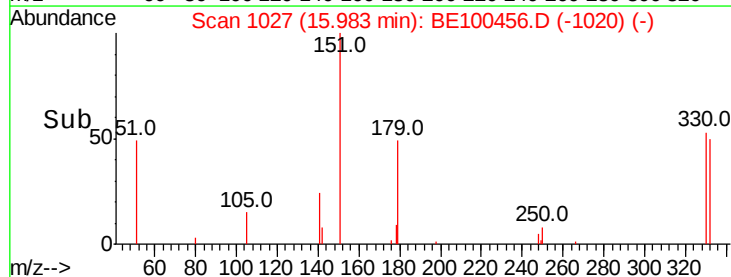
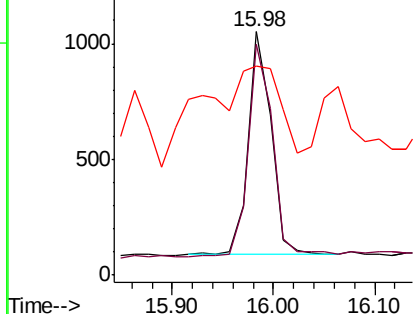


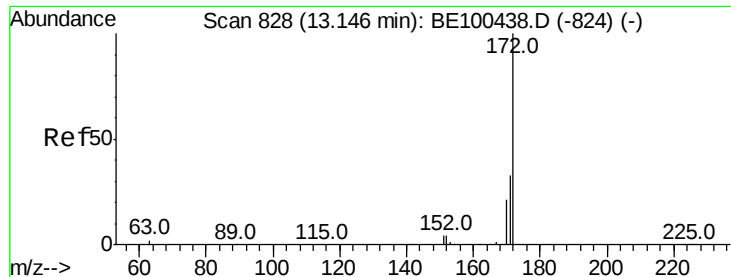
#14
2,4,6-Tribromophenol
Concen: 0.459 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100456.D
Acq: 17 Jul 2019 19:31

Tgt Ion:330 Resp: 1511
Ion Ratio Lower Upper
330 100
332 103.4 76.3 114.5
141 68.3 28.1 42.1#



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

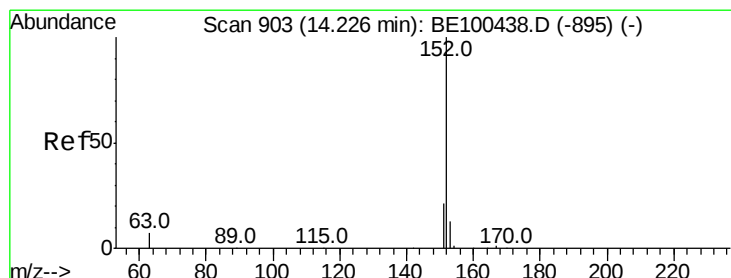
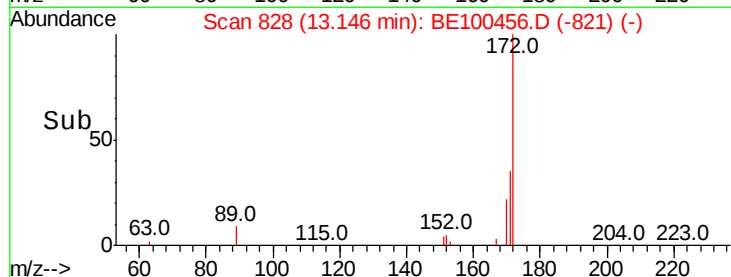
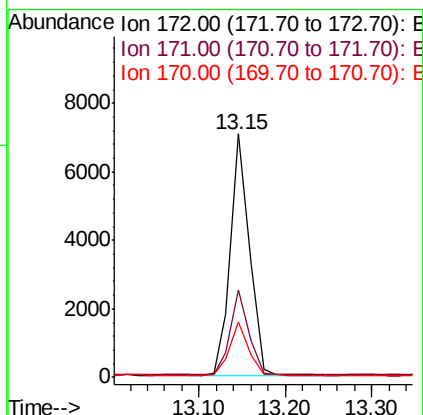
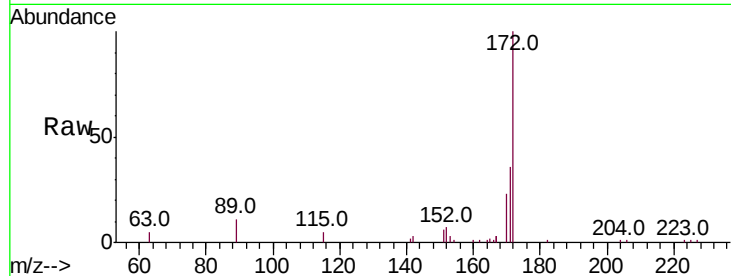




#15
2-Fluorobiphenyl
Concen: 0.163 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE100456.D
Acq: 17 Jul 2019 19:31

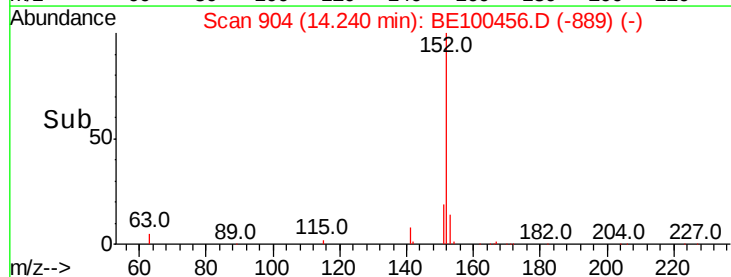
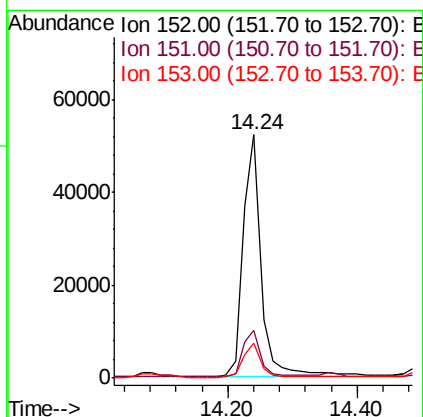
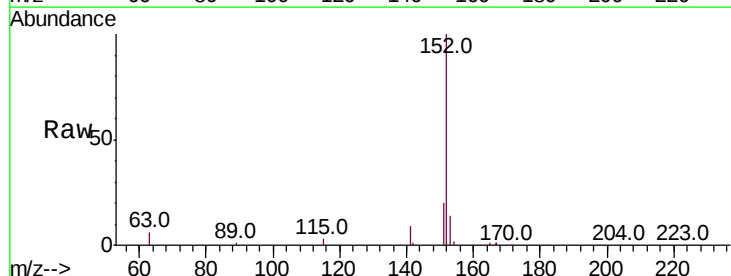
Instrument :
BNA_E
ClientSampleId :

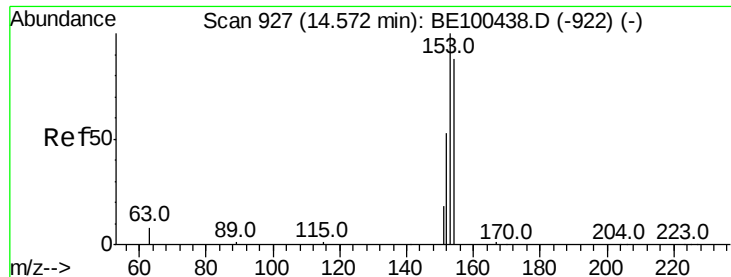
Tot Ion:172 Resp: 10634
Ion Ratio Lower Upper
172 100
171 35.8 27.0 40.4
170 22.9 17.4 26.0



#16
Acenaphthylene
Concen: 1.691 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.01 min
Lab File: BE100456.D
Acq: 17 Jul 2019 19:31

Tgt Ion:152 Resp: 99588
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 14.2 10.4 15.6





#17

Acenaphthene

Concen: 2.646 ng

RT: 14.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

Instrument :

BNA_E

ClientSampleId :

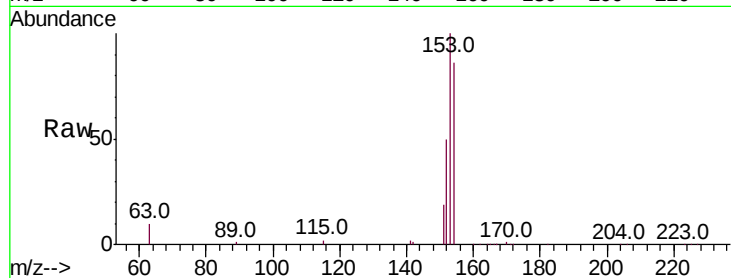
Tot Ion:154 Resp: 107102

Ion Ratio Lower Upper

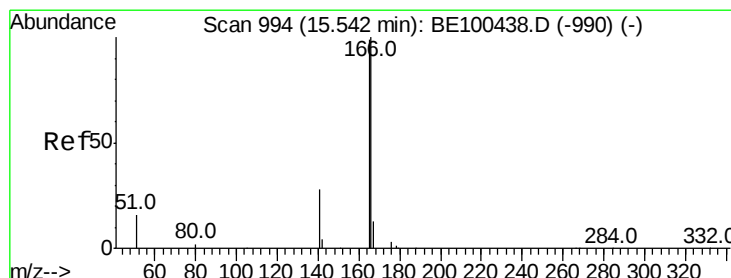
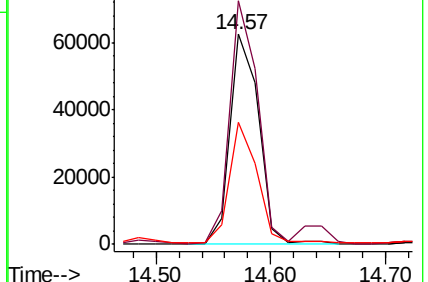
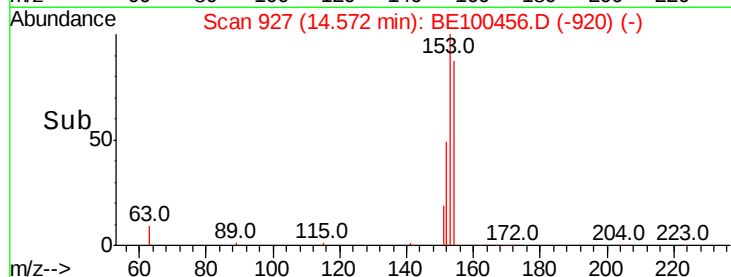
154 100

153 112.4 91.0 136.4

152 54.6 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: 2.996 ng

RT: 15.54 min Scan# 994

Delta R.T. -0.00 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

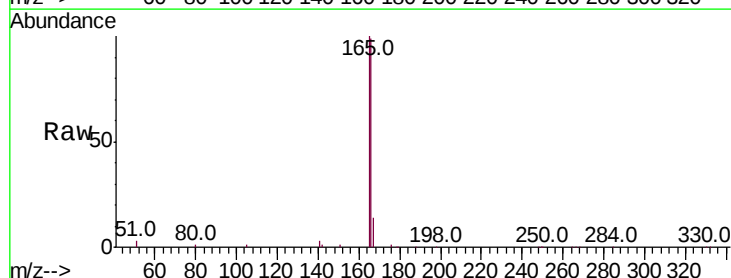
Tgt Ion:166 Resp: 156384

Ion Ratio Lower Upper

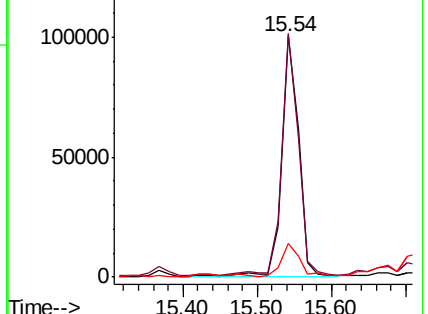
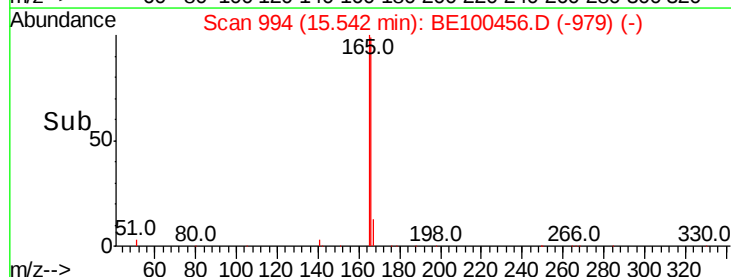
166 100

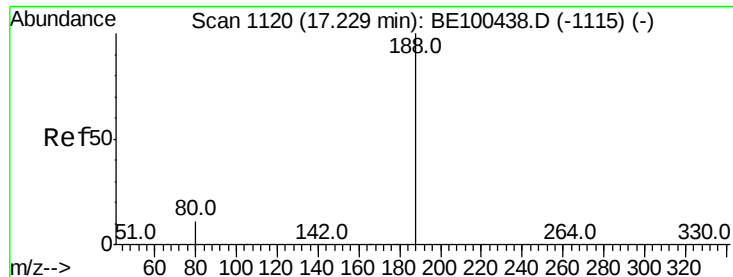
165 100.9 79.6 119.4

167 14.7 10.6 15.8



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

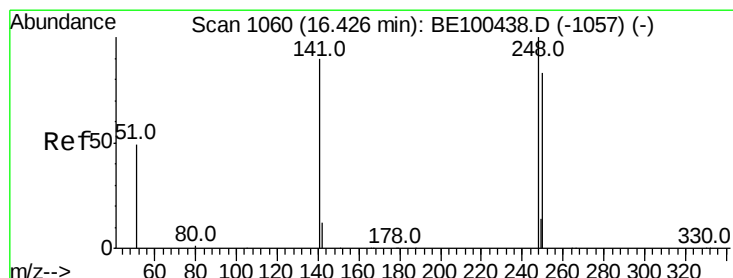
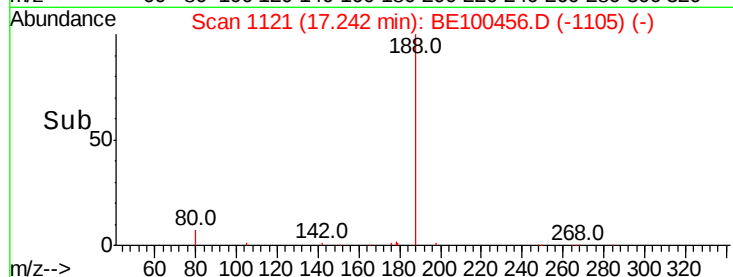
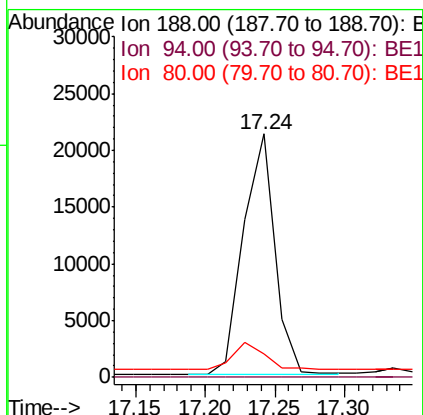
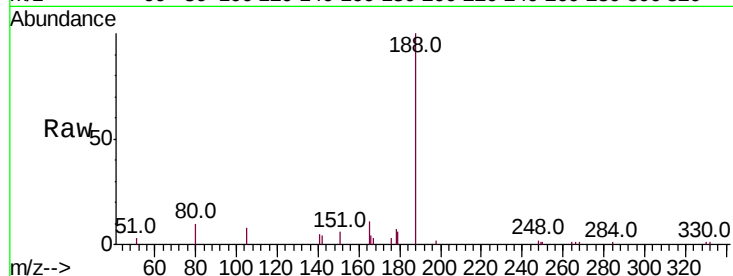




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE100456.D
Acq: 17 Jul 2019 19:31

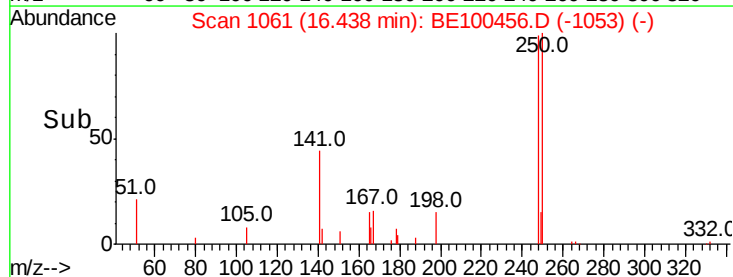
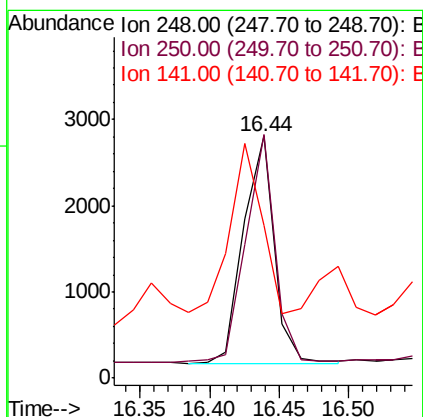
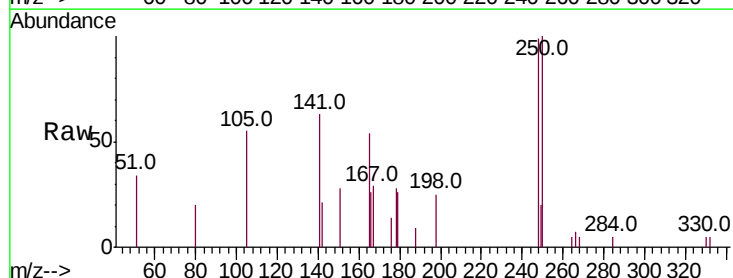
Instrument :
BNA_E
ClientSampled :

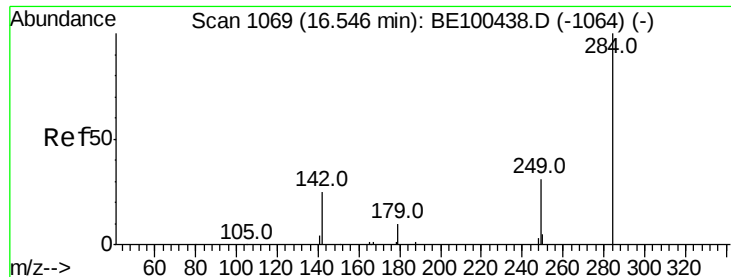
Tot Ion:188 Resp: 32924
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 9.2 13.8



#20
4-Bromophenyl-phenylether
Concen: 0.235 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BE100456.D
Acq: 17 Jul 2019 19:31

Tgt Ion:248 Resp: 4045
Ion Ratio Lower Upper
248 100
250 100.7 67.1 100.7#
141 63.0 72.2 108.2#





#21

Hexachlorobenzene

Concen: 0.188 ng

RT: 16.56 min Scan# 1070

Delta R.T. 0.01 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

Instrument :

BNA_E

ClientSampleId :

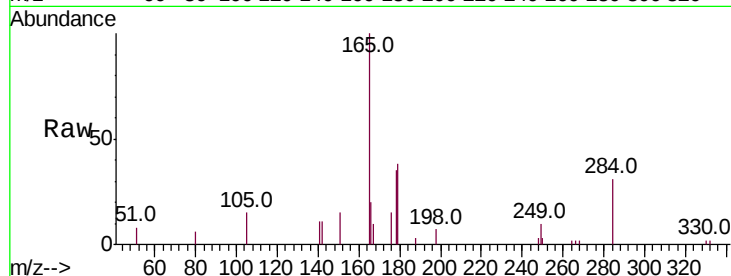
Tot Ion:284 Resp: 3774

Ion Ratio Lower Upper

284 100

142 38.7 25.6 38.4#

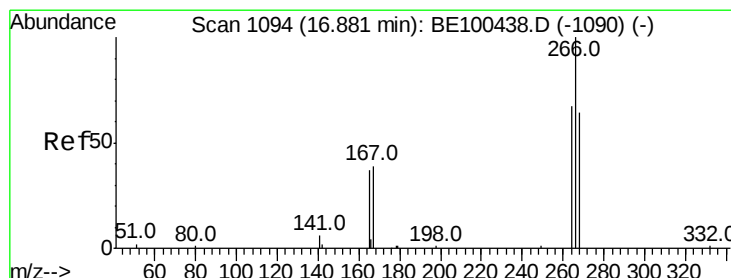
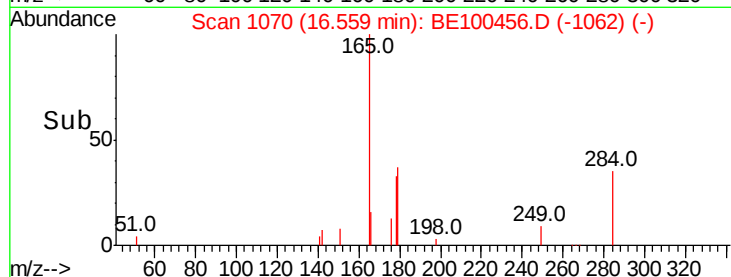
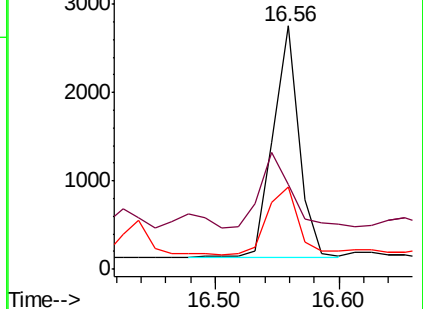
249 35.3 25.1 37.7



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: 1.190 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

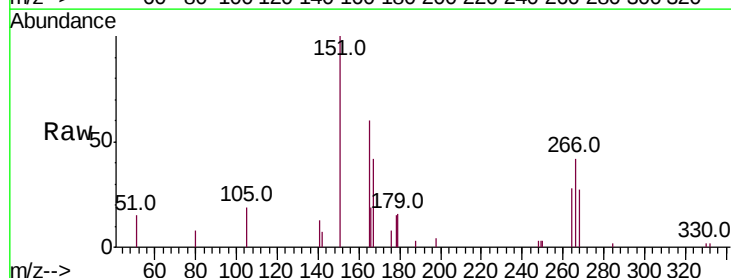
Tgt Ion:266 Resp: 4805

Ion Ratio Lower Upper

266 100

264 65.6 56.2 84.2

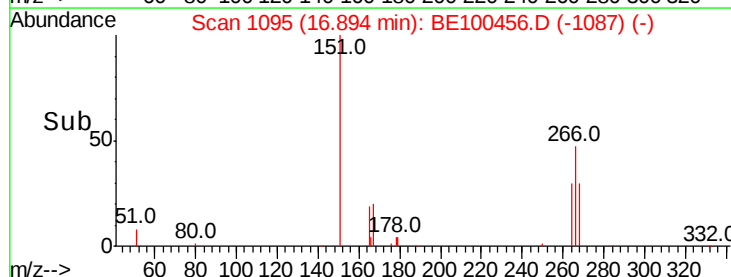
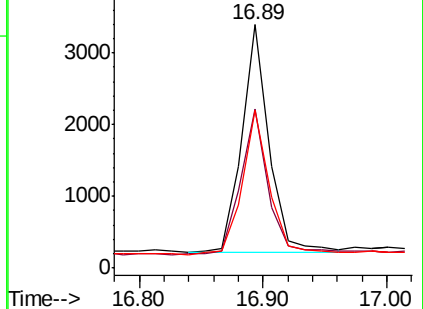
268 64.9 54.9 82.3

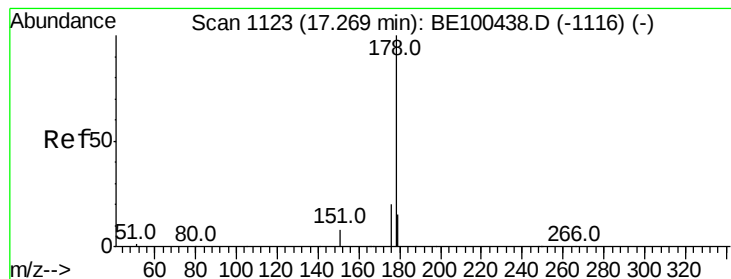


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 23.156 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

Instrument :

BNA_E

ClientSampleId :

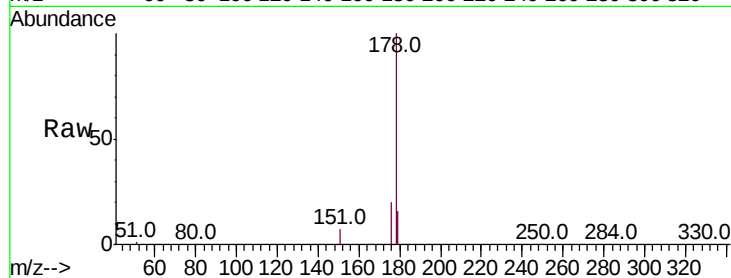
Tot Ion:178 Resp: 2031326

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

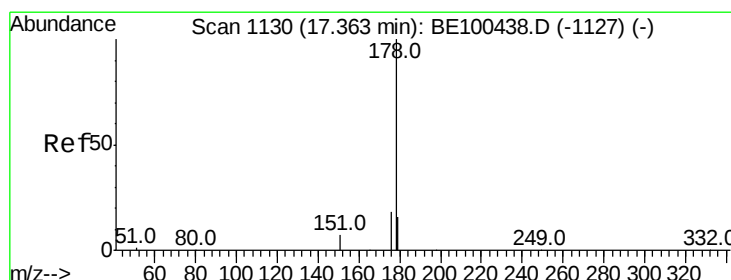
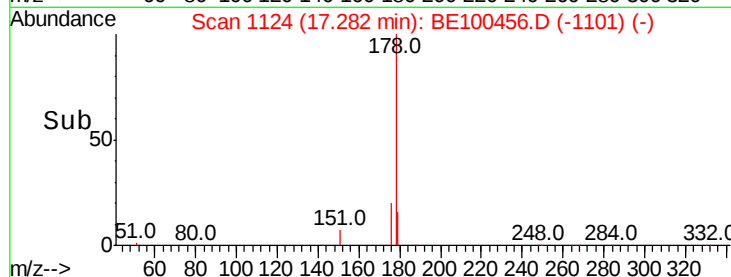
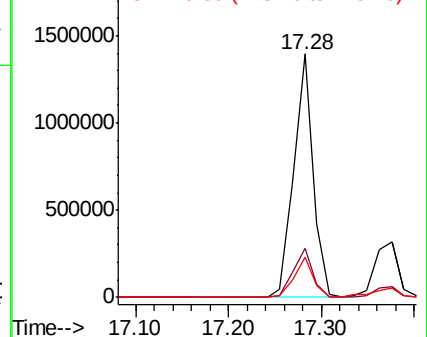
179 16.2 12.4 18.6



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: 7.416 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

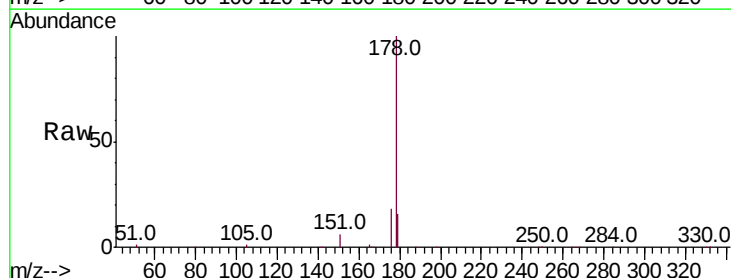
Tgt Ion:178 Resp: 536945

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

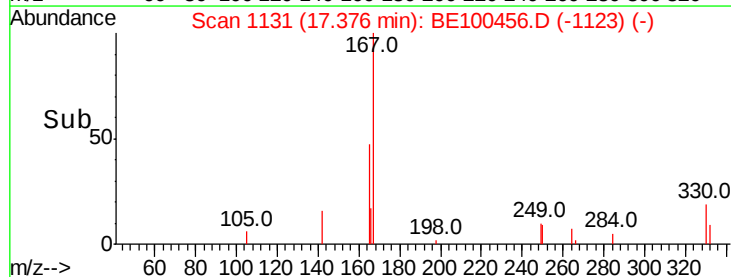
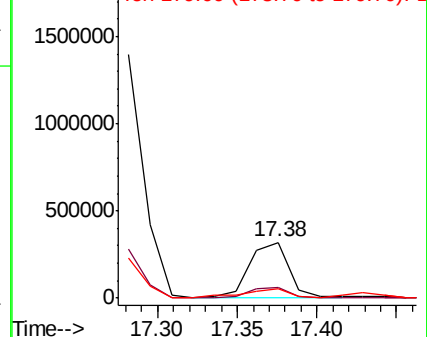
179 17.7 12.3 18.5

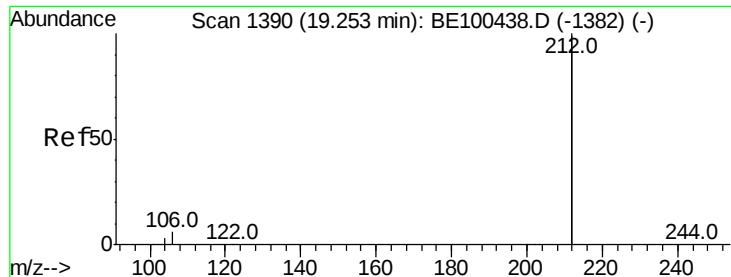


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.195 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

Instrument :

BNA_E

ClientSampleId :

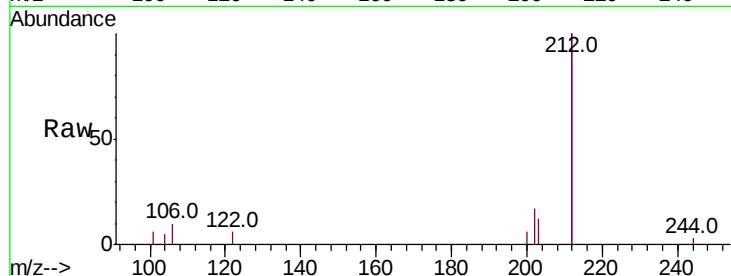
Tot Ion:212 Resp: 76631

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

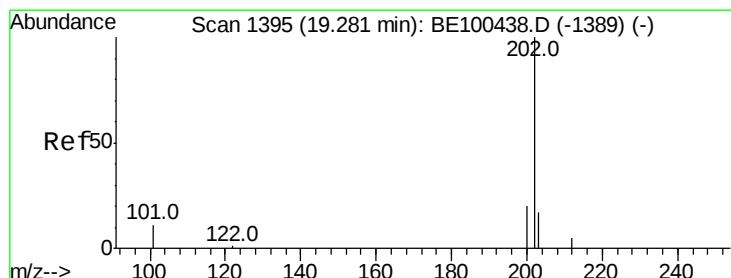
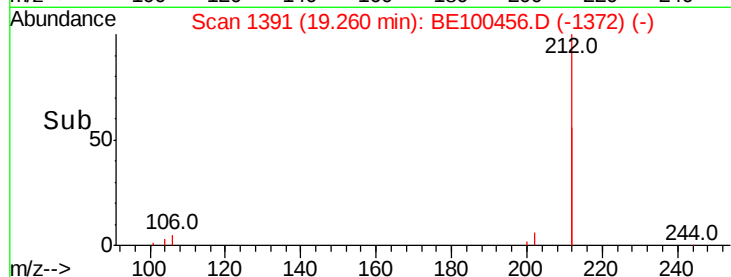
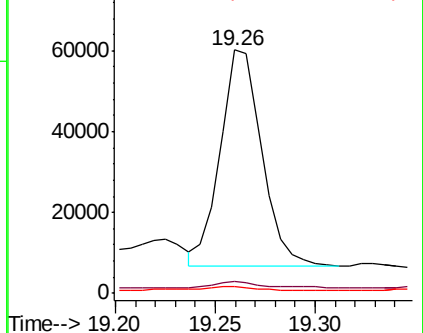
104 2.7 1.4 2.2#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 31.869 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

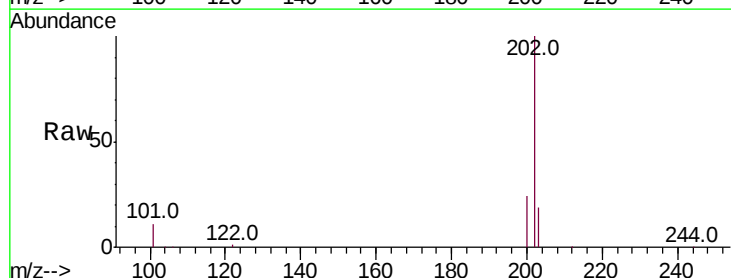
Tgt Ion:202 Resp: 3553175

Ion Ratio Lower Upper

202 100

101 10.8 8.9 13.3

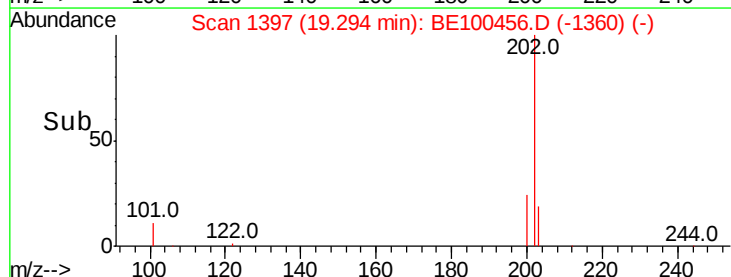
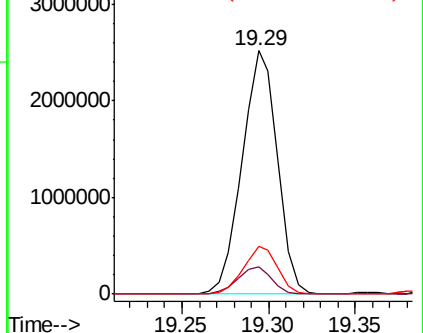
203 18.7 13.8 20.6

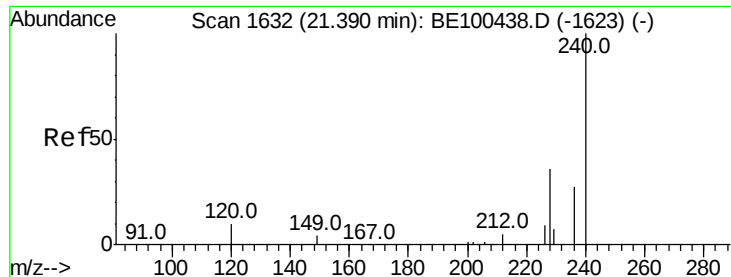


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

Instrument :

BNA_E

ClientSampleId :

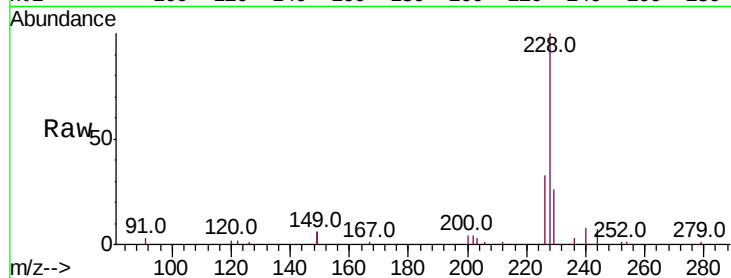
Tot Ion:240 Resp: 40213

Ion Ratio Lower Upper

240 100

120 20.4 8.8 13.2#

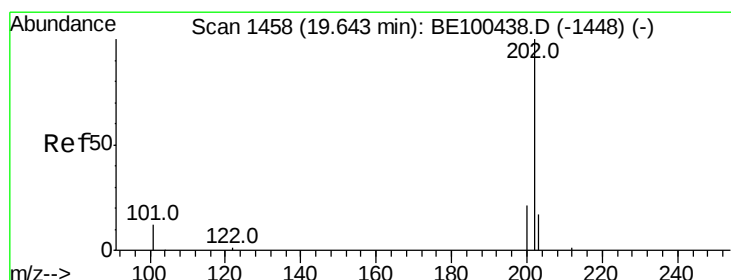
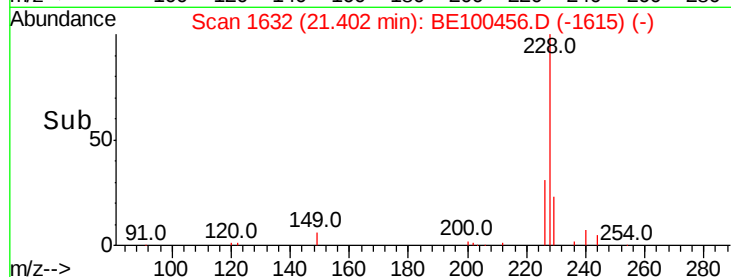
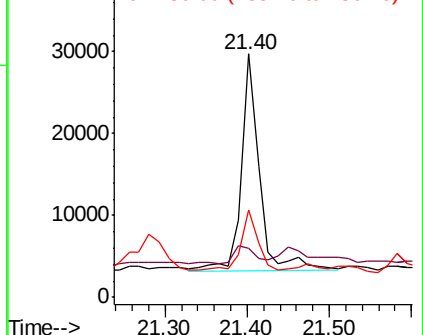
236 35.9 22.0 33.0#



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: 29.042 ng

RT: 19.66 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

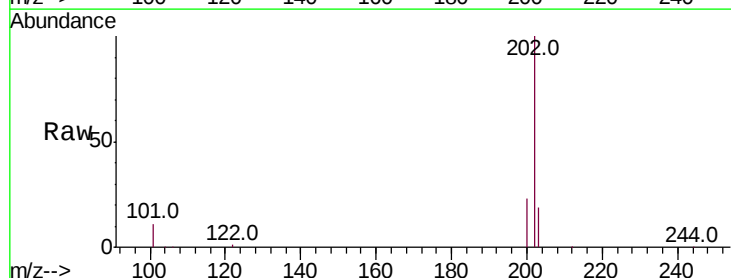
Tgt Ion:202 Resp: 3416475

Ion Ratio Lower Upper

202 100

200 22.9 16.8 25.2

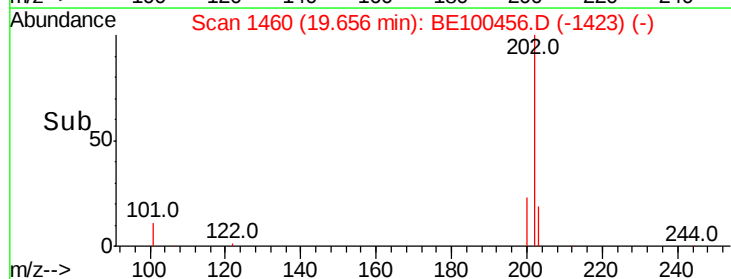
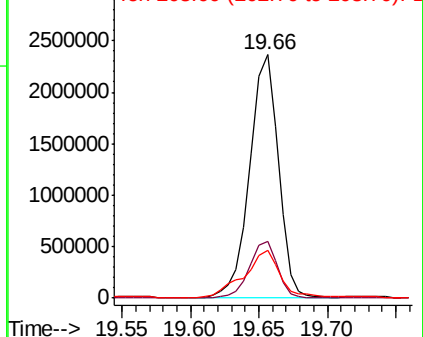
203 24.3 13.8 20.8#

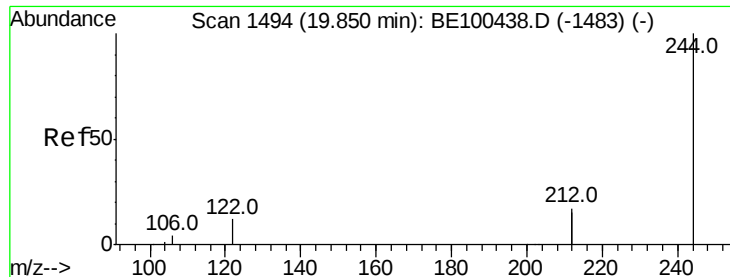


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.157 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

Instrument :

BNA_E

ClientSampleId :

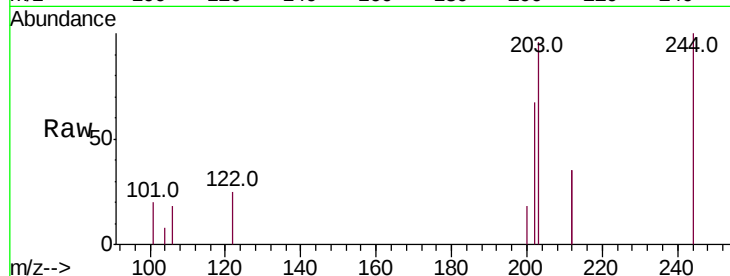
Tot Ion:244 Resp: 15421

Ion Ratio Lower Upper

244 100

212 69.7 26.3 39.5#

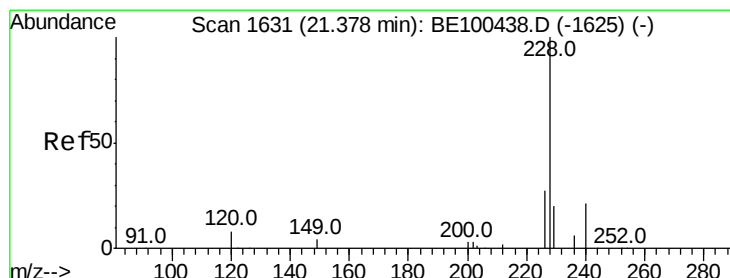
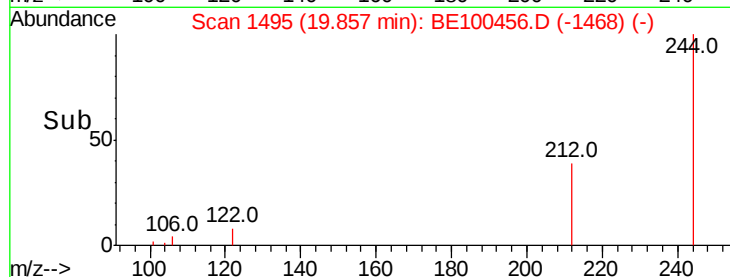
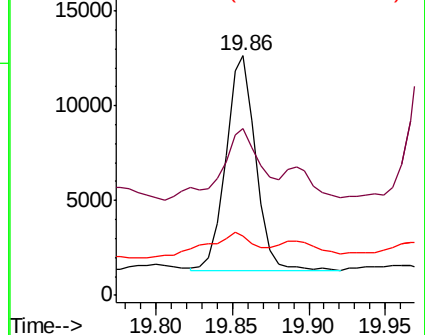
122 24.7 9.4 14.2#



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: 19.794 ng

RT: 21.39 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

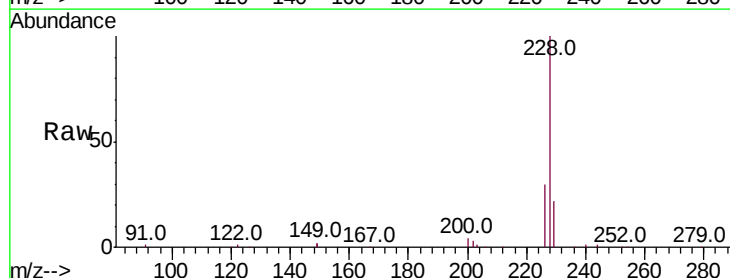
Tgt Ion:228 Resp: 2160283

Ion Ratio Lower Upper

228 100

226 29.5 21.6 32.4

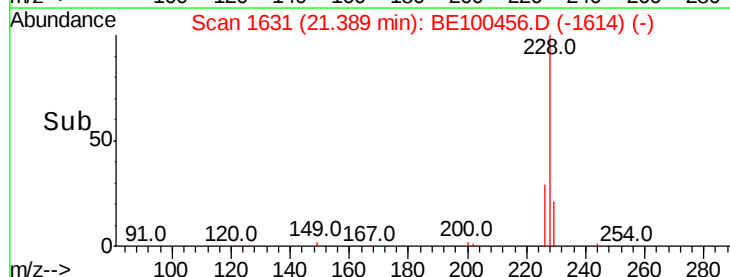
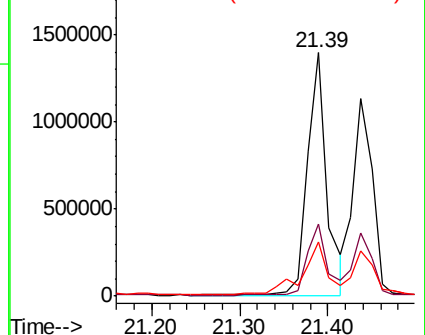
229 22.4 15.8 23.8

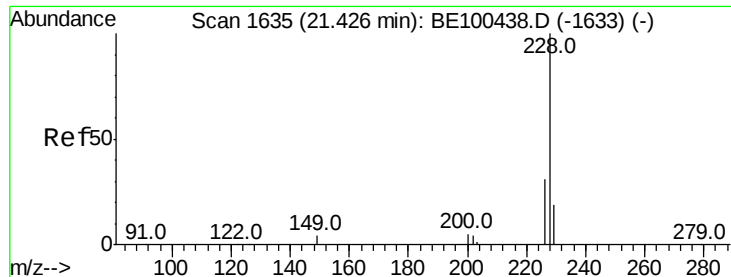


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 13.178 ng

RT: 21.44 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

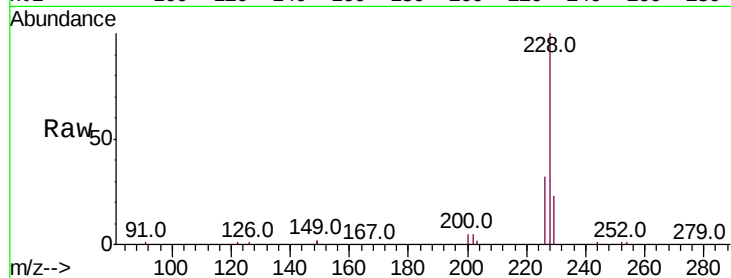
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 1707979

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.8	37.2
229	22.9	15.8	23.6

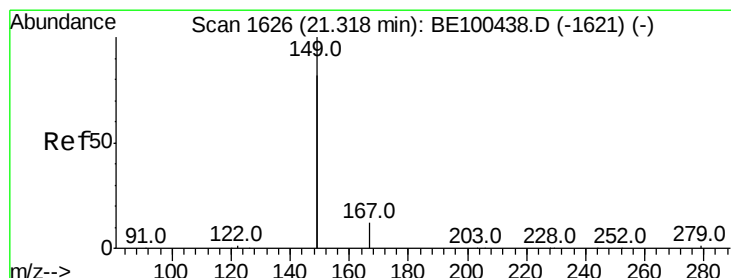
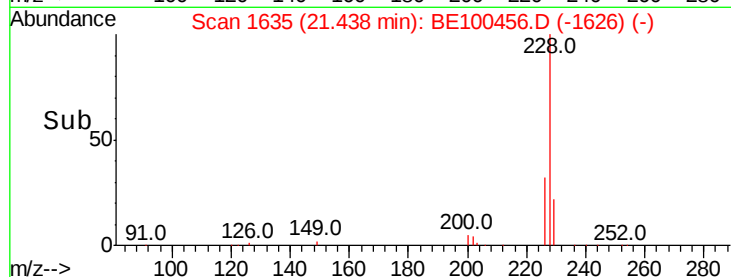
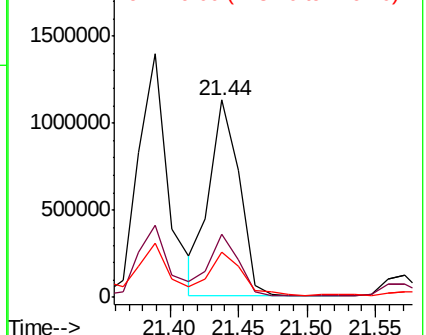


Abundance

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: 3.618 ng

RT: 21.32 min Scan# 1625

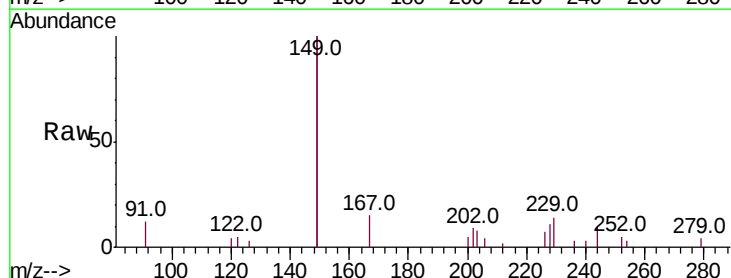
Delta R.T. -0.00 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

Tgt Ion:149 Resp: 283200

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.0	7.6
279	1.2	1.2	1.8

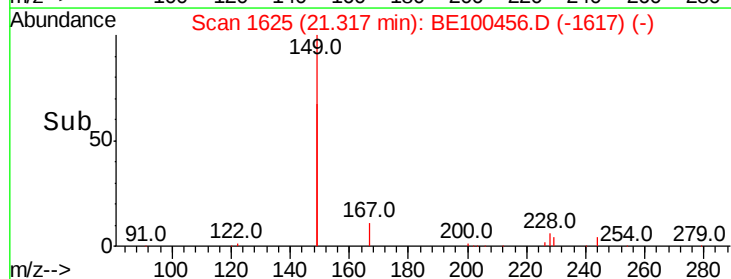
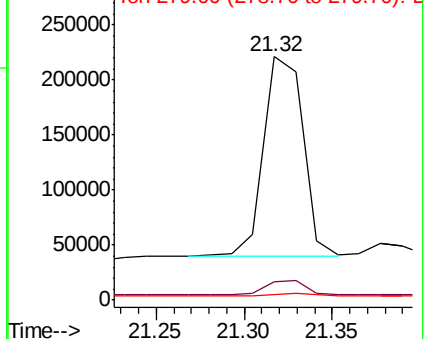


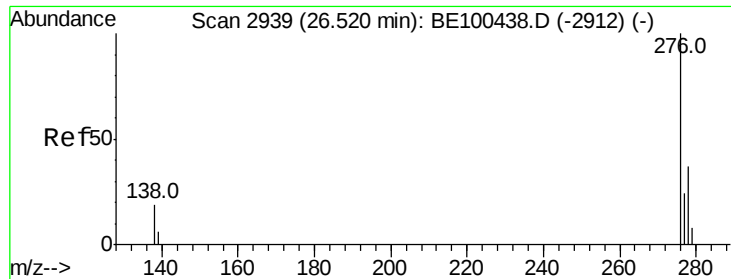
Abundance

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: 8.813 ng

RT: 26.57 min Scan# 2953

Delta R.T. 0.05 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

Instrument :

BNA_E

ClientSampleId :

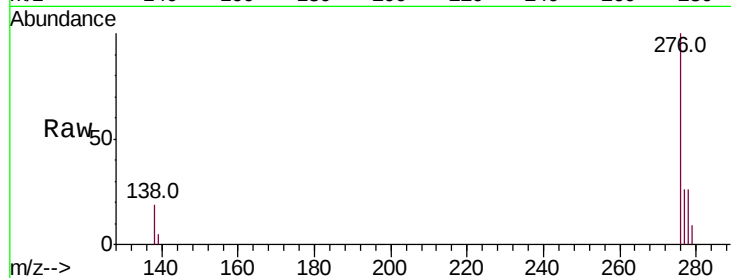
Tot Ion:276 Resp: 1015518

Ion Ratio Lower Upper

276 100

138 18.1 17.0 25.6

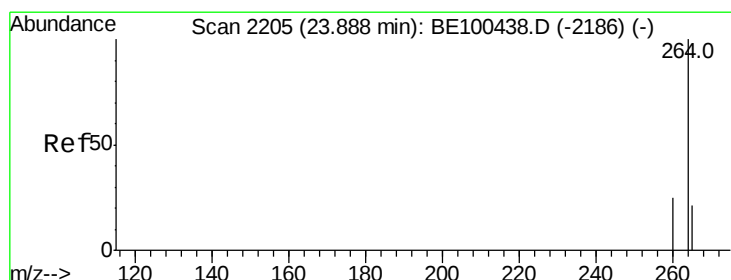
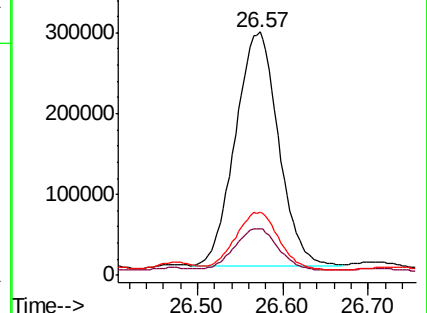
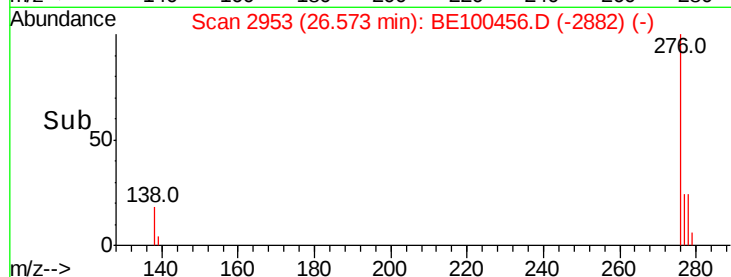
277 24.9 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2210

Delta R.T. 0.02 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

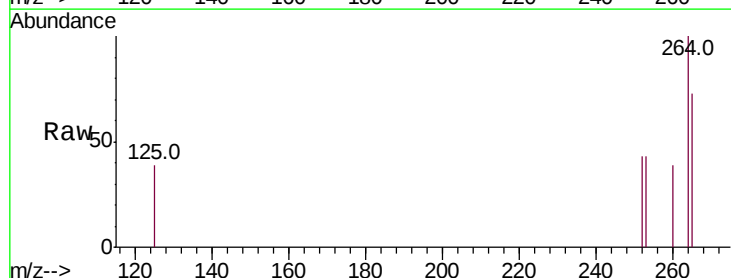
Tgt Ion:264 Resp: 39442

Ion Ratio Lower Upper

264 100

260 38.9 20.0 30.0#

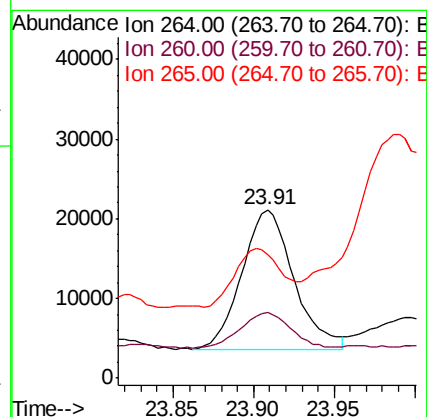
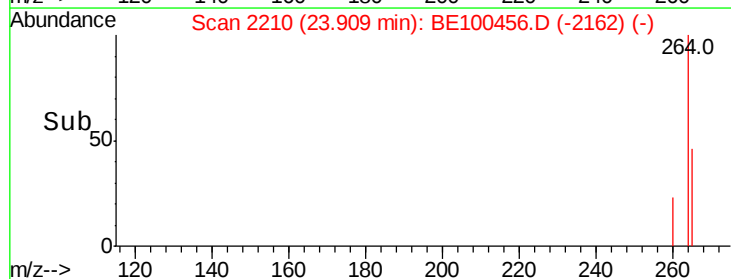
265 73.0 22.2 33.4#

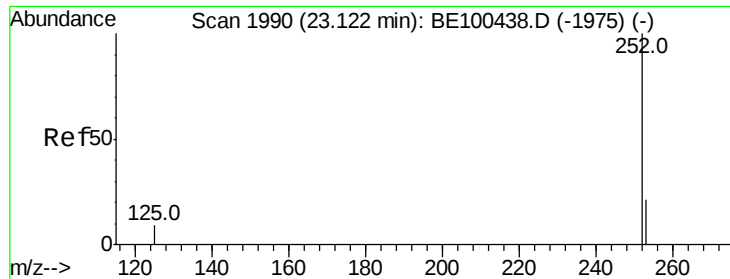


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 17.772 ng

RT: 23.15 min Scan# 1996

Delta R.T. 0.02 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

Instrument :

BNA_E

ClientSampleId :

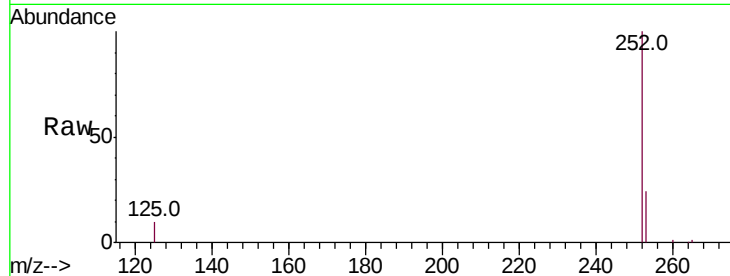
Tot Ion:252 Resp: 2141672

Ion Ratio Lower Upper

252 100

253 23.8 17.5 26.3

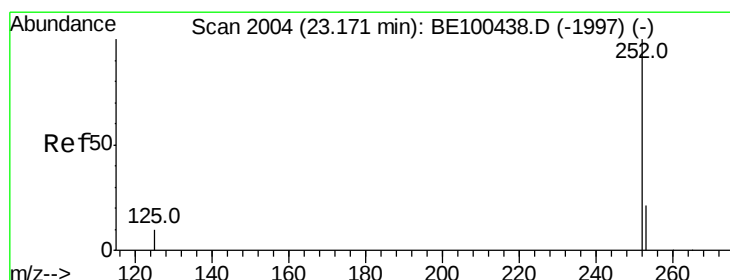
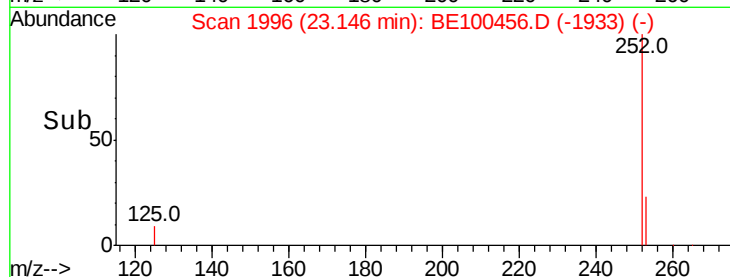
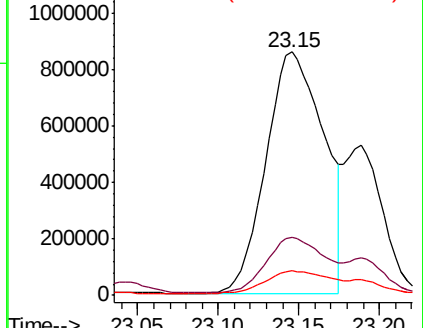
125 10.0 8.0 12.0



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: 16.794 ng

RT: 23.15 min Scan# 1996

Delta R.T. -0.03 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

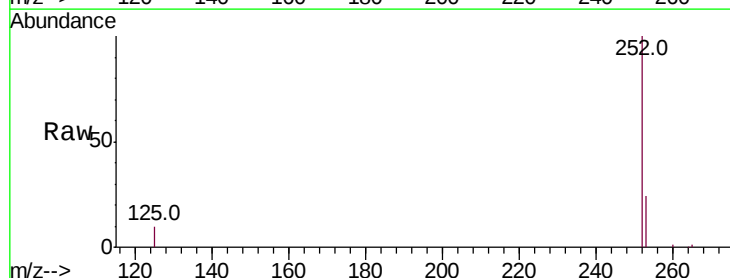
Tgt Ion:252 Resp: 2141672

Ion Ratio Lower Upper

252 100

253 23.8 17.7 26.5

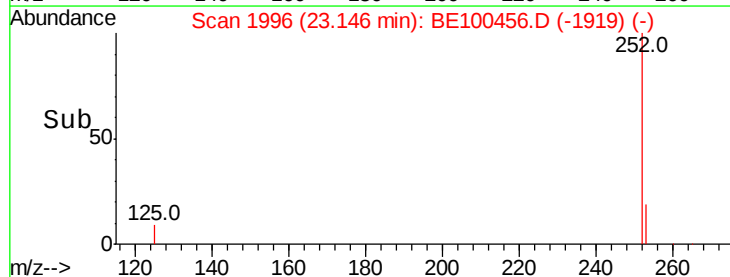
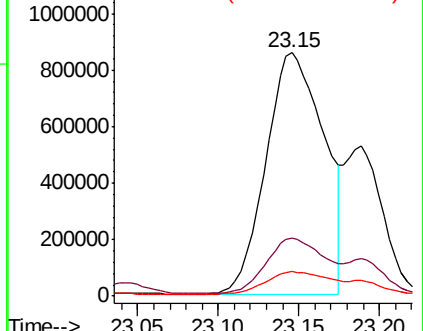
125 10.0 8.3 12.5

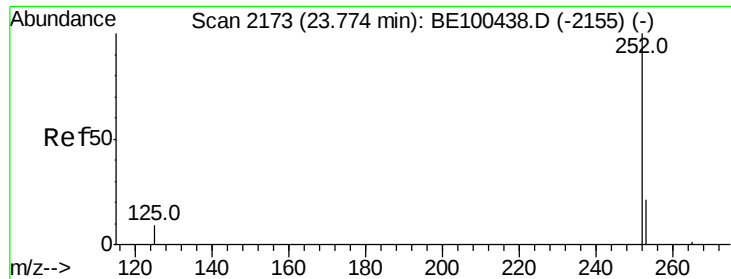


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 17.114 ng

RT: 23.80 min Scan# 2179

Delta R.T. 0.02 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

Instrument :

BNA_E

ClientSampleId :

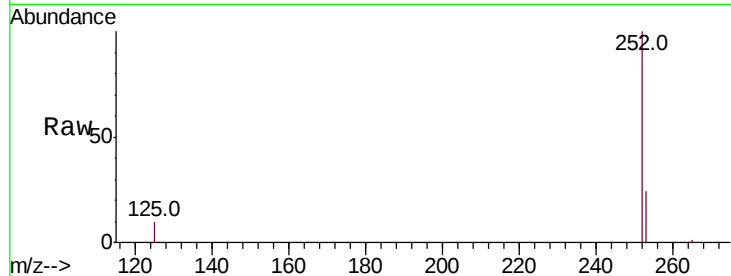
Tot Ion:252 Resp: 1695892

Ion Ratio Lower Upper

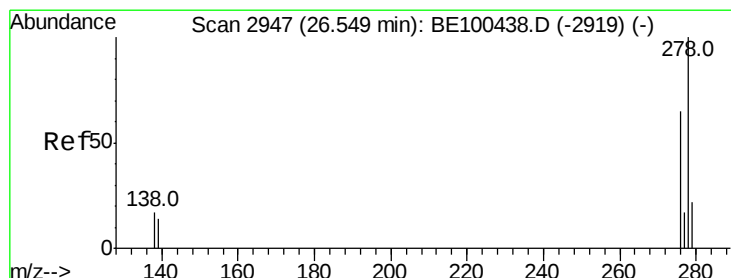
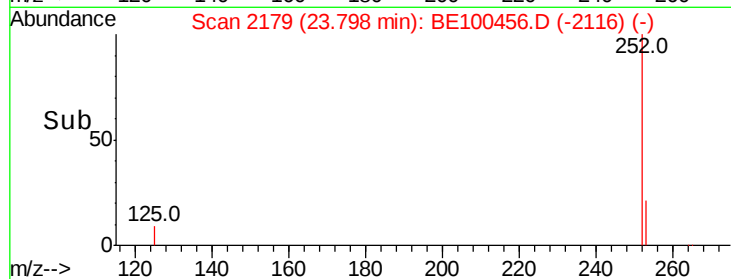
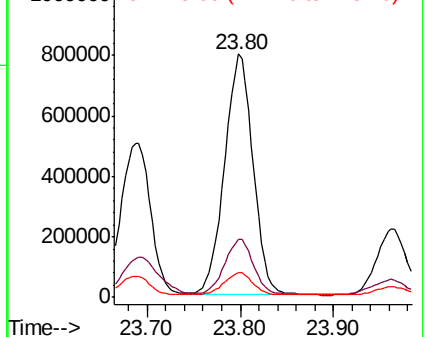
252 100

253 24.0 18.0 27.0

125 10.3 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: 2.697 ng

RT: 26.58 min Scan# 2955

Delta R.T. 0.03 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

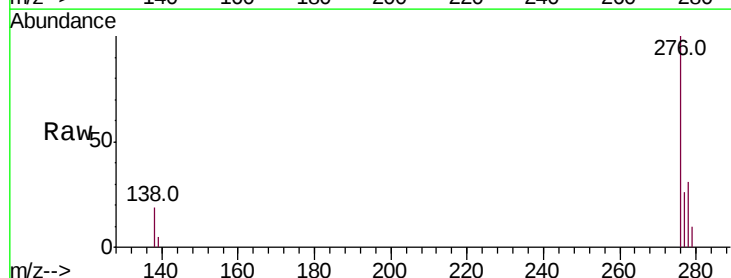
Tgt Ion:278 Resp: 284974

Ion Ratio Lower Upper

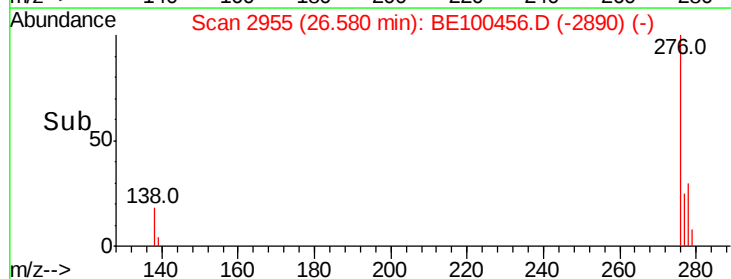
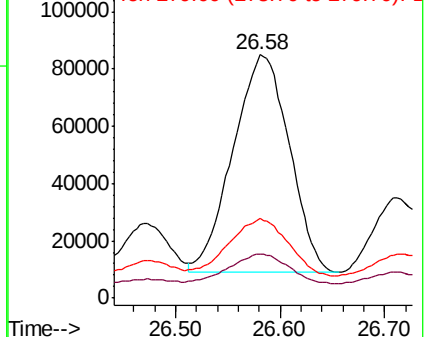
278 100

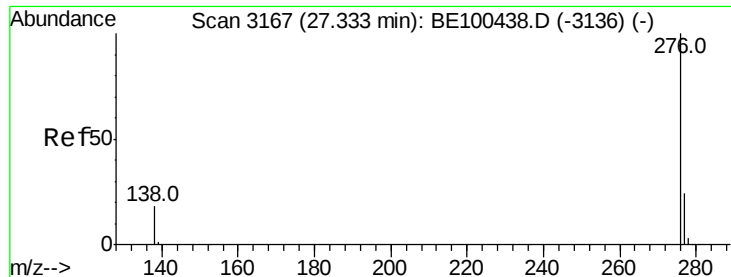
139 18.0 12.2 18.2

279 32.7 18.6 27.8#



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: 9.173 ng

RT: 27.39 min Scan# 3182

Delta R.T. 0.06 min

Lab File: BE100456.D

Acq: 17 Jul 2019 19:31

Instrument :

BNA_E

ClientSampleId :

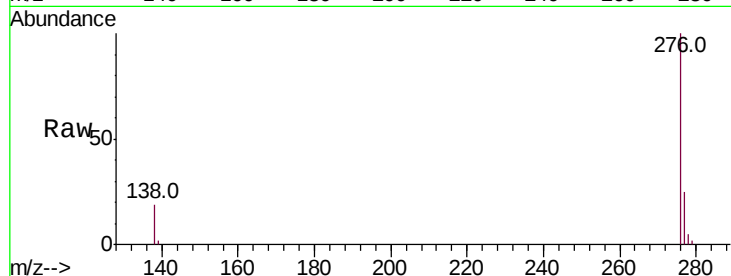
Tot Ion:276 Resp: 1013544

Ion Ratio Lower Upper

276 100

277 25.4 19.6 29.4

138 19.4 15.1 22.7



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

