

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
 Data File : BE100468.D
 Acq On : 19 Jul 2019 13:01
 Operator : HP/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 19 13:53:08 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	7.87	152	3201	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	12434	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	7919	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	21005	0.40	ng	0.00
27) Chrysene-d12	21.38	240	24858	0.40	ng	0.00
34) Perylene-d12	23.86	264	25331	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	34158	5.61	ng	0.00
5) Phenol-d6	7.03	99	51401	5.71	ng	0.00
8) Nitrobenzene-d5	9.02	82	53641	7.82	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	394783	20.99	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	18938	10.59	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	153180	4.32	ng	0.00
25) Fluoranthene-d10	19.24	212	5642583	22.55	ng	0.00
29) Terphenyl-d14	19.84	244	289253	4.75	ng	0.00

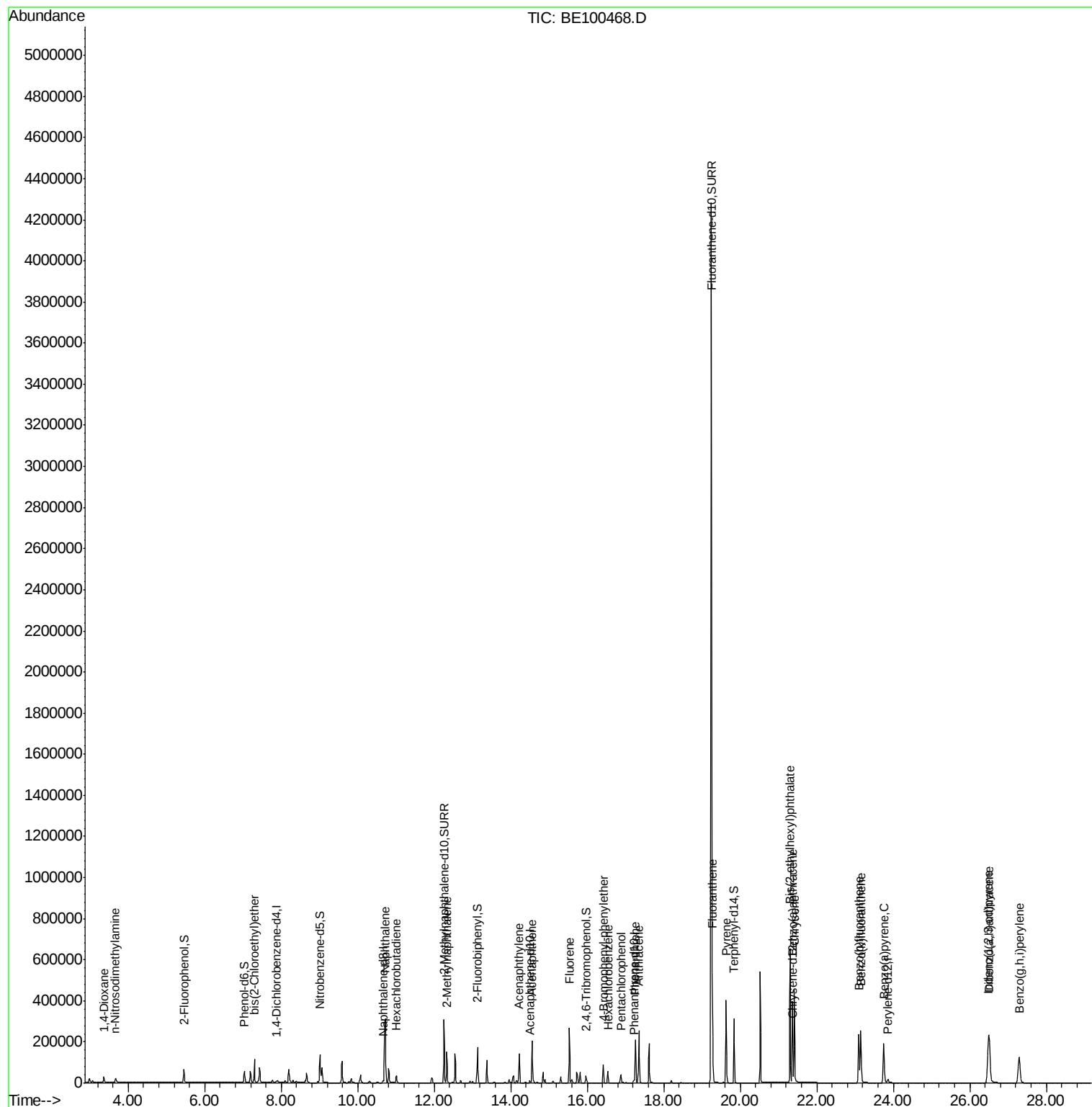
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	18341	3.875	ng	89
3) n-Nitrosodimethylamine	3.67	42	15277	5.507	ng	# 89
6) bis(2-Chloroethyl)ether	7.30	93	42974	4.725	ng	95
9) Naphthalene	10.72	128	566233	4.674	ng	100
10) Hexachlorobutadiene	11.02	225	26164	4.458	ng	99
12) 2-Methylnaphthalene	12.33	142	105053	5.188	ng	98
16) Acenaphthylene	14.21	152	185742	5.799	ng	99
17) Acenaphthene	14.56	154	111809	5.080	ng	97
18) Fluorene	15.53	166	148975	5.249	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	49575	4.523	ng	96
21) Hexachlorobenzene	16.54	284	50675	3.956	ng	99
22) Pentachlorophenol	16.88	266	26188	11.710	ng	90
23) Phenanthrene	17.25	178	258183	4.613	ng	100
24) Anthracene	17.35	178	254974	5.520	ng	100
26) Fluoranthene	19.27	202	378790	5.325	ng	99
28) Pyrene	19.63	202	377593	5.192	ng	100
30) Benzo(a)anthracene	21.37	228	370585	5.493	ng	99
31) Chrysene	21.41	228	365342	4.560	ng	99
32) Bis(2-ethylhexyl)phthalate	21.30	149	762205	15.752	ng	100
33) Indeno(1,2,3-cd)pyrene	26.48	276	389842	5.473	ng	99
35) Benzo(b)fluoranthene	23.10	252	353118	4.563	ng	# 97
36) Benzo(k)fluoranthene	23.15	252	361946	4.419	ng	# 92
37) Benzo(a)pyrene	23.75	252	333315	5.238	ng	# 95
38) Dibenzo(a,h)anthracene	26.51	278	321111	4.732	ng	96
39) Benzo(g,h,i)perylene	27.29	276	319182	4.498	ng	98

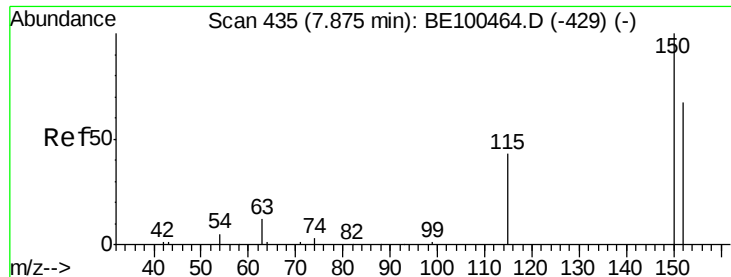
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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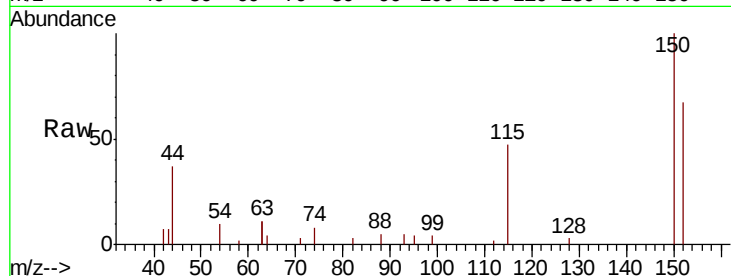


#1

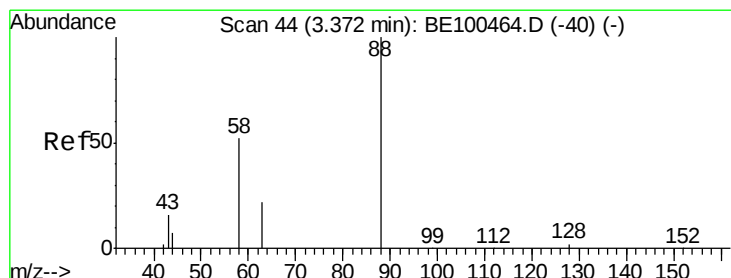
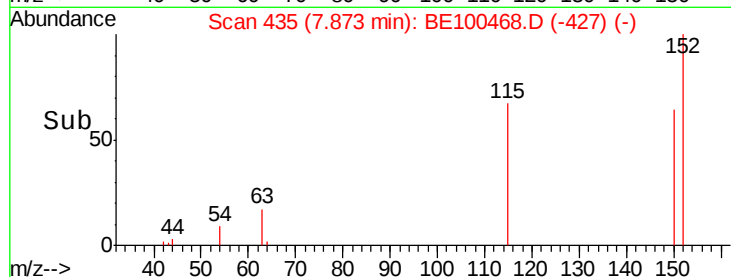
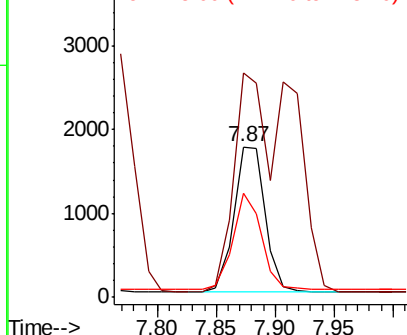
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE100468.D
Acq: 19 Jul 2019 13:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3201
Ion Ratio Lower Upper
152 100
150 148.9 117.6 176.4
115 69.5 54.9 82.3



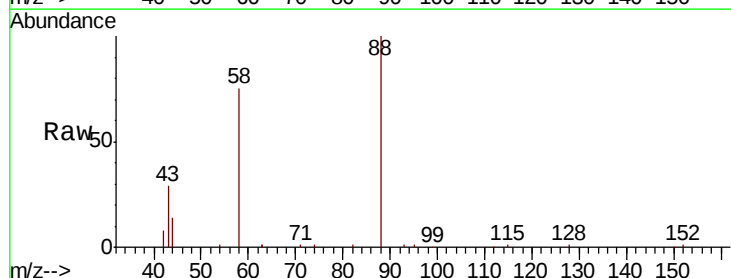
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



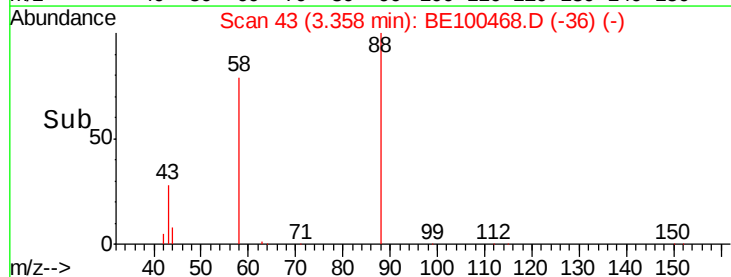
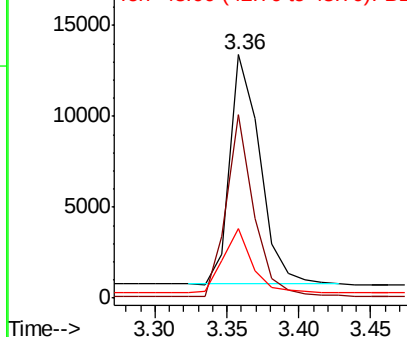
#2

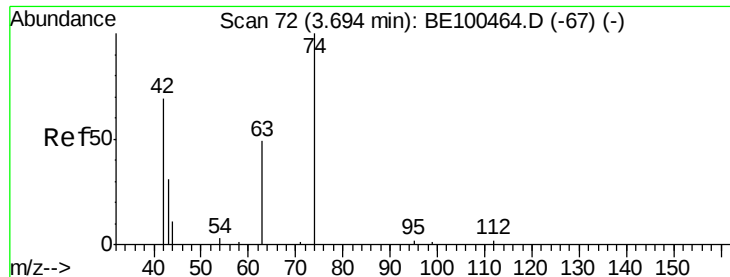
1,4-Dioxane
Concen: 3.875 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE100468.D
Acq: 19 Jul 2019 13:01

Tgt Ion: 88 Resp: 18341
Ion Ratio Lower Upper
88 100
58 73.2 50.2 75.4
43 27.1 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: 5.507 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.03 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

Instrument :

BNA_E

ClientSampled :

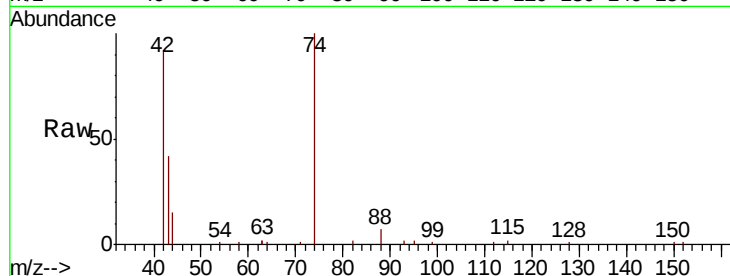
Tot Ion: 42 Resp: 15277

Ion Ratio Lower Upper

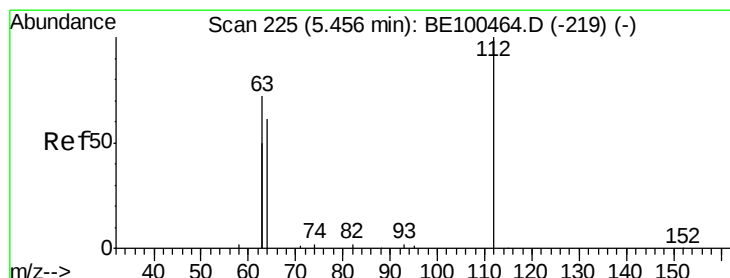
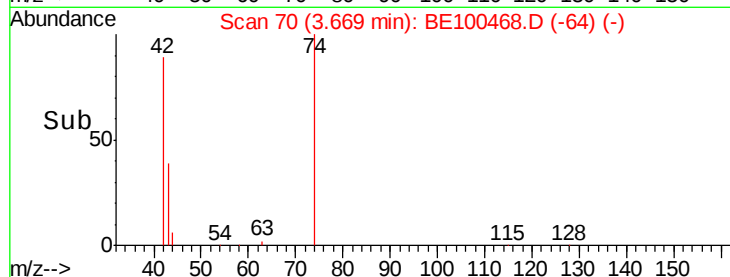
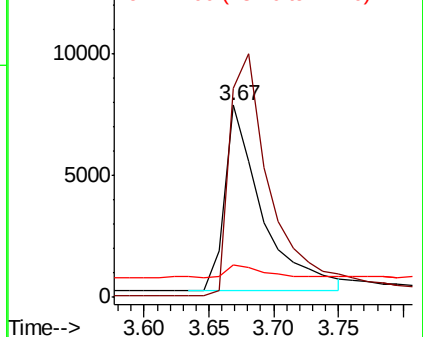
42 100

74 145.3 105.8 158.8

44 6.8 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: 5.609 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

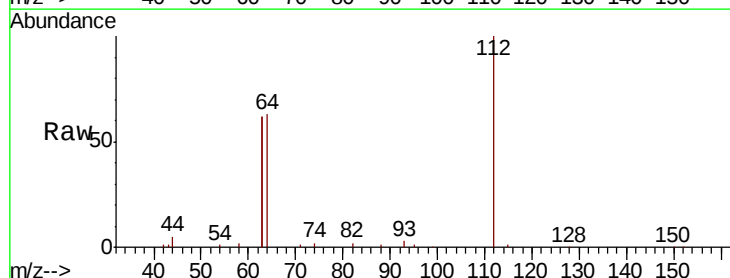
Tgt Ion: 112 Resp: 34158

Ion Ratio Lower Upper

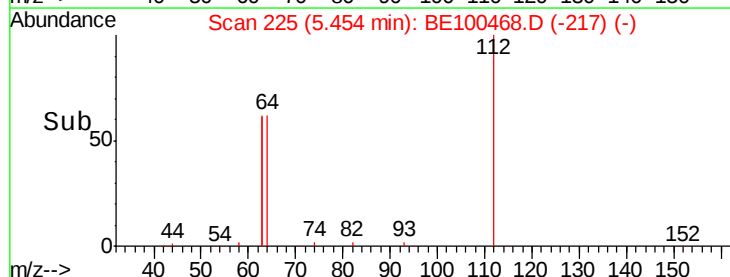
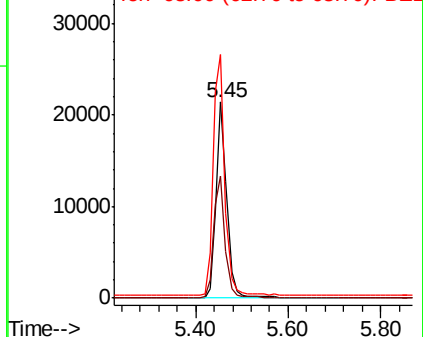
112 100

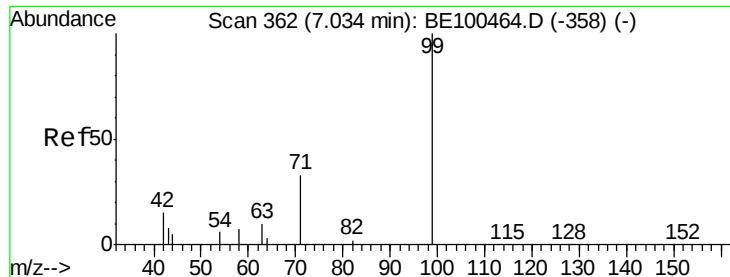
64 65.8 51.9 77.9

63 133.8 103.9 155.9



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: 5.712 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

Instrument :

BNA_E

ClientSampleId :

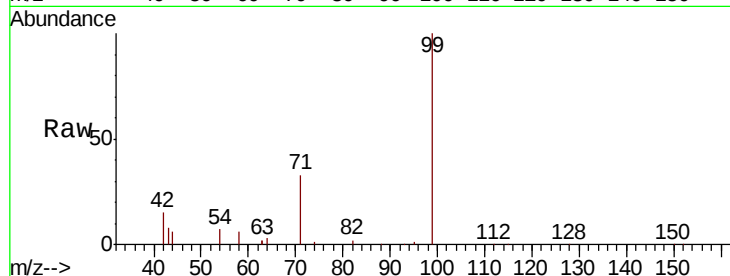
Tot Ion: 99 Resp: 51401

Ion Ratio Lower Upper

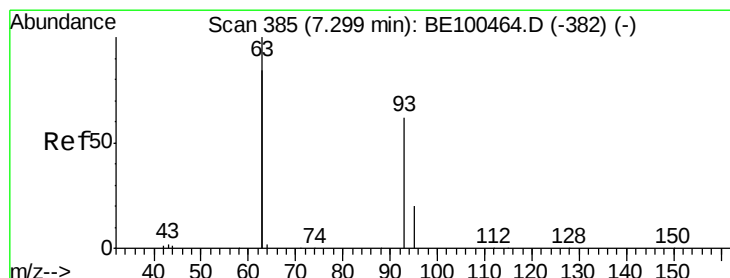
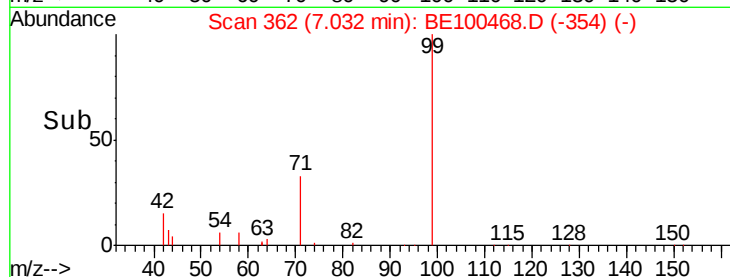
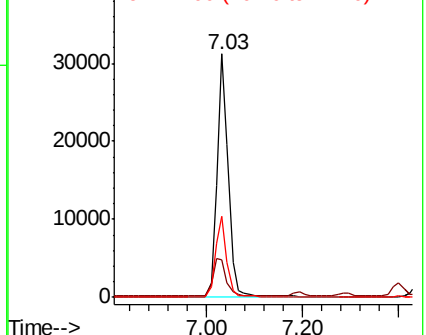
99 100

42 18.7 16.2 24.4

71 33.1 26.0 39.0



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: 4.725 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

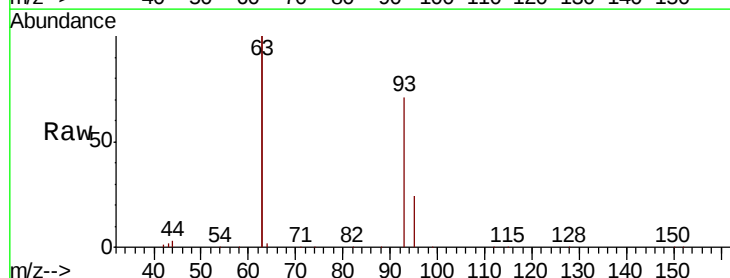
Tgt Ion: 93 Resp: 42974

Ion Ratio Lower Upper

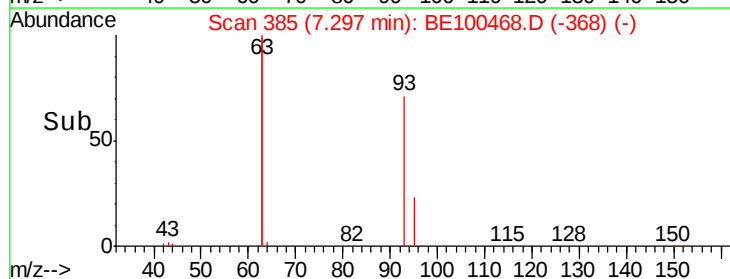
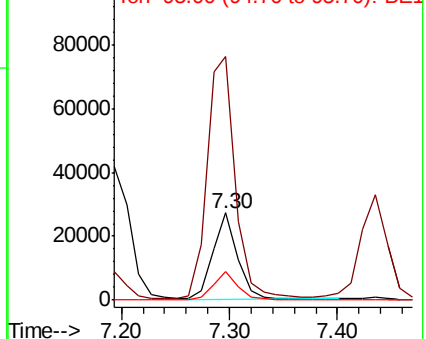
93 100

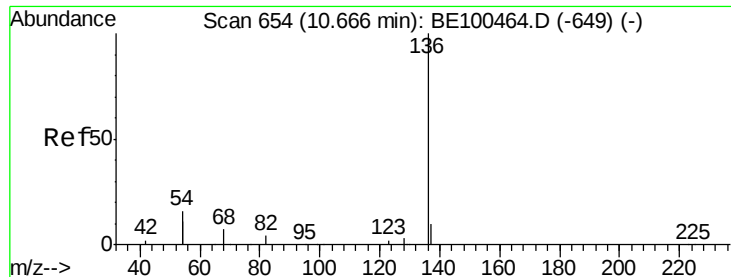
63 320.7 248.4 372.6

95 32.4 24.7 37.1



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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 12434

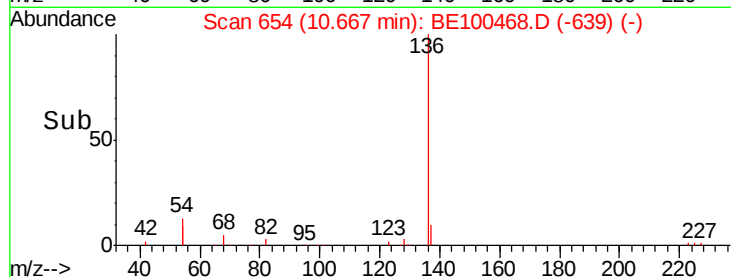
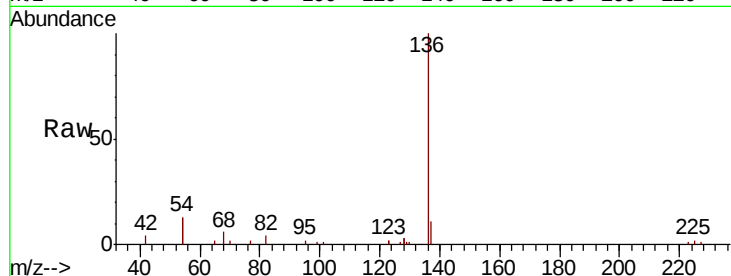
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 26.5 26.2 39.2

68 6.0 6.5 9.7#

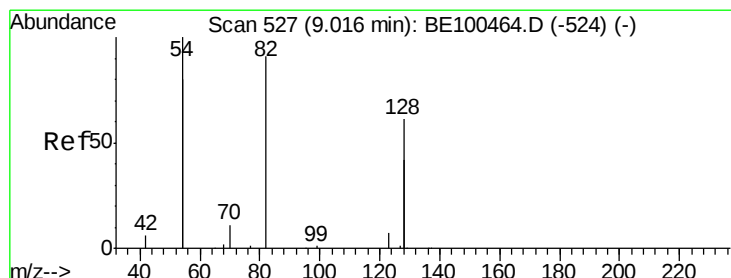
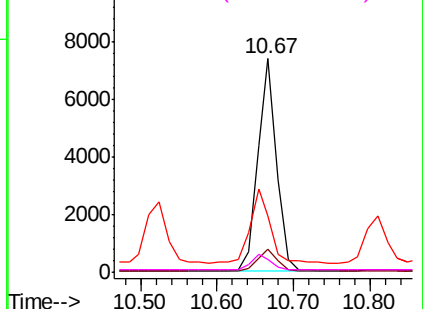


Abundance Ion 136.00 (135.70 to 136.70): E

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: 7.816 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

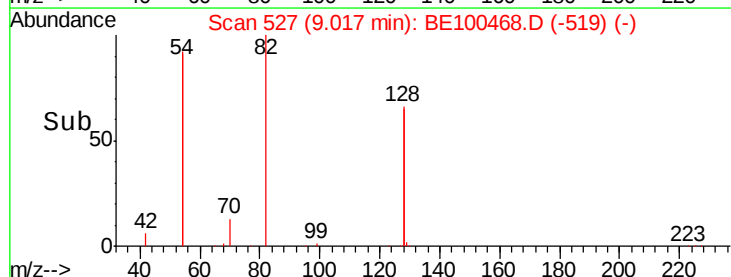
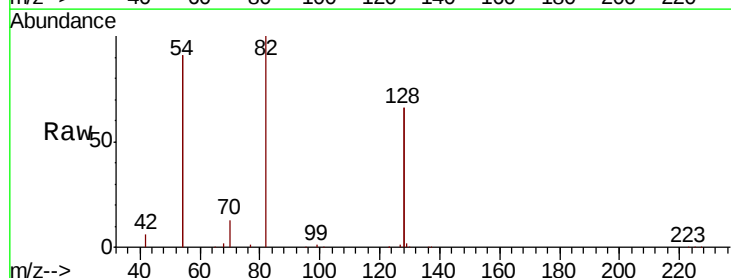
Tgt Ion: 82 Resp: 53641

Ion Ratio Lower Upper

82 100

128 132.2 100.7 151.1

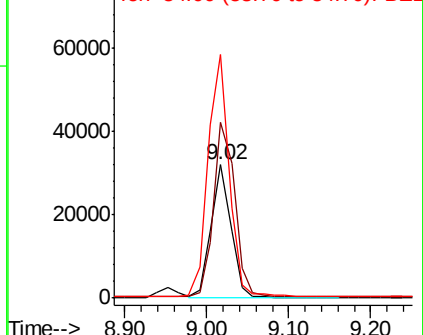
54 182.9 164.4 246.6

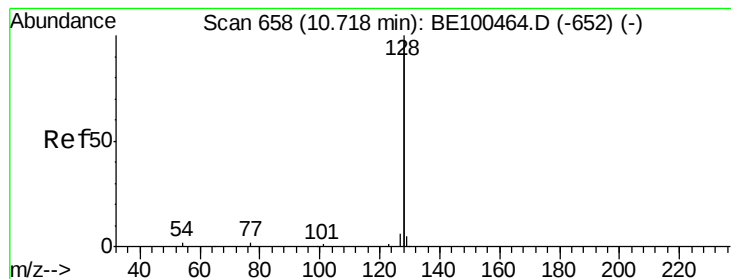


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 4.674 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

Instrument :

BNA_E

ClientSampleId :

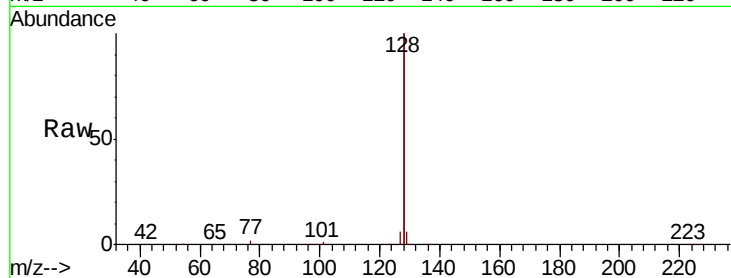
Tot Ion:128 Resp: 566233

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

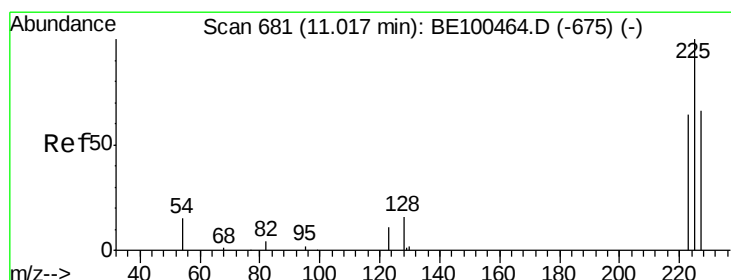
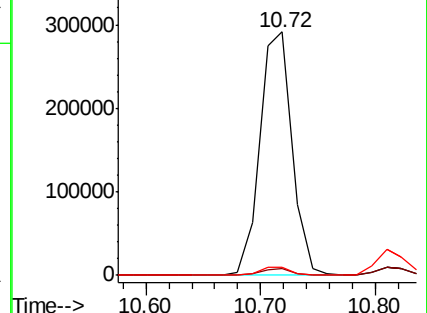
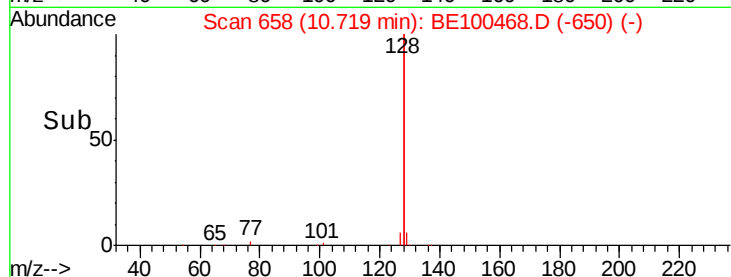
127 3.1 2.6 4.0



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: 4.458 ng

RT: 11.02 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

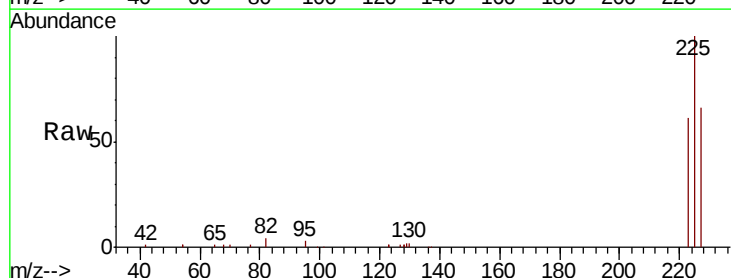
Tgt Ion:225 Resp: 26164

Ion Ratio Lower Upper

225 100

223 63.1 51.7 77.5

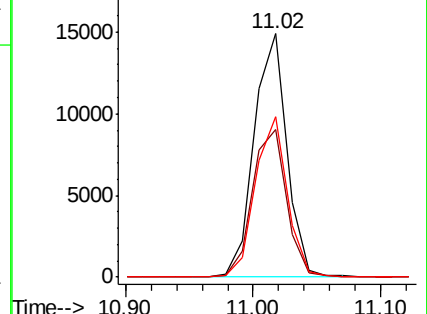
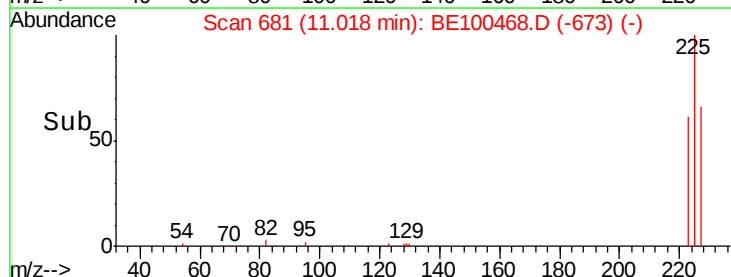
227 64.3 50.9 76.3

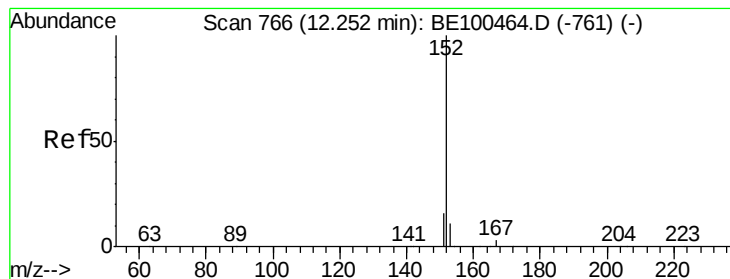


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 20.986 ng

RT: 12.25 min Scan# 766

Delta R.T. 0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

Instrument :

BNA_E

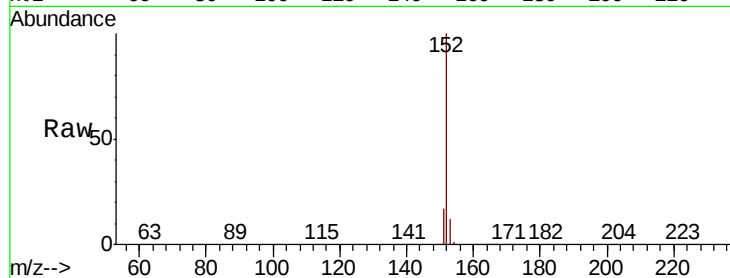
ClientSampled :

Tot Ion:152 Resp: 394783

Ion Ratio Lower Upper

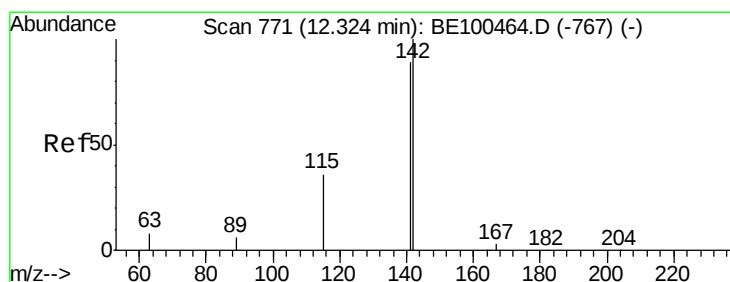
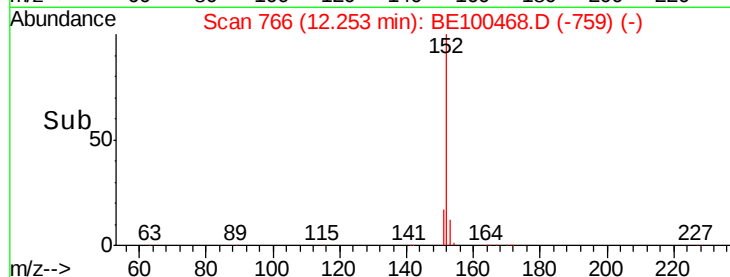
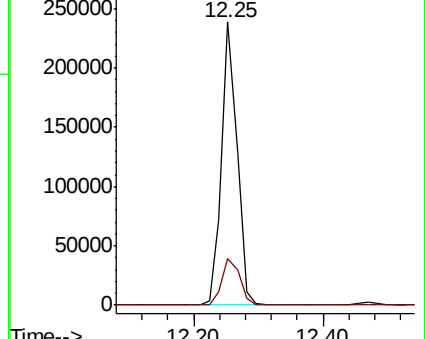
152 100

151 19.0 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: 5.188 ng

RT: 12.33 min Scan# 771

Delta R.T. 0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

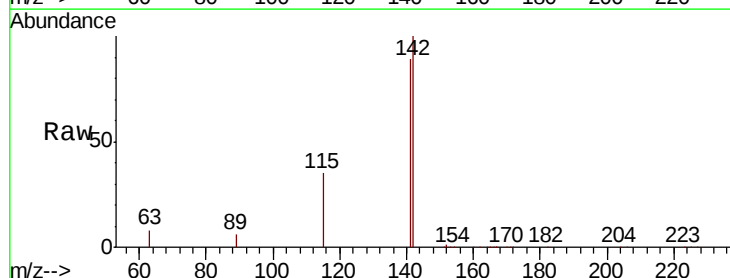
Tgt Ion:142 Resp: 105053

Ion Ratio Lower Upper

142 100

141 89.1 71.7 107.5

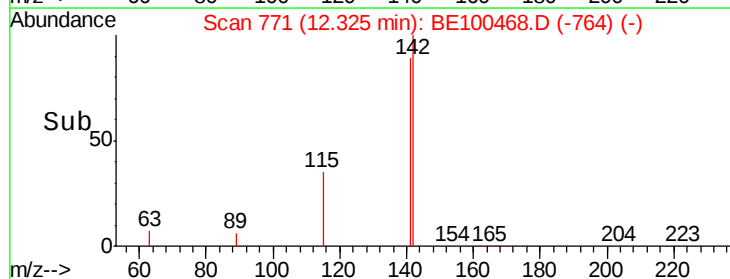
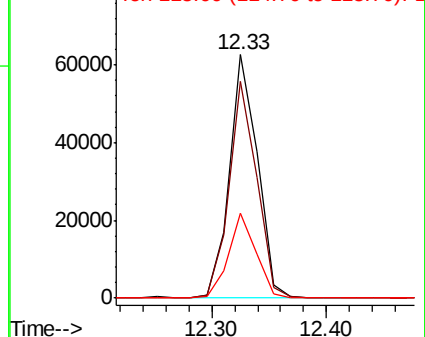
115 35.1 30.4 45.6

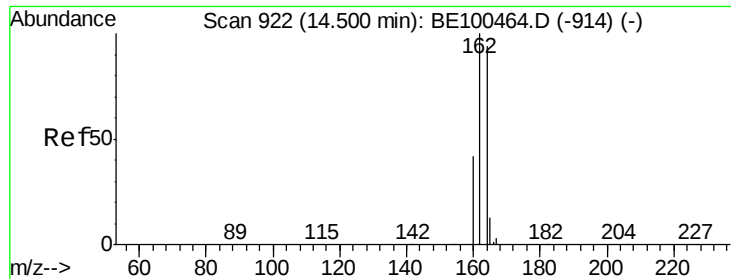


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

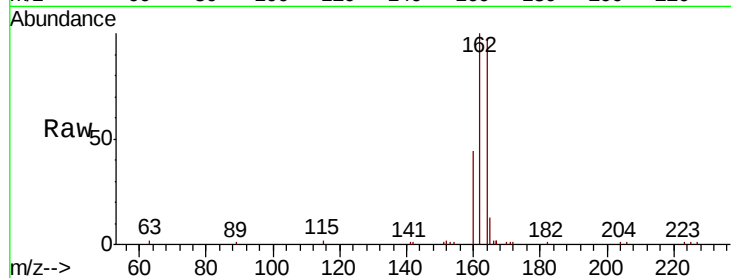




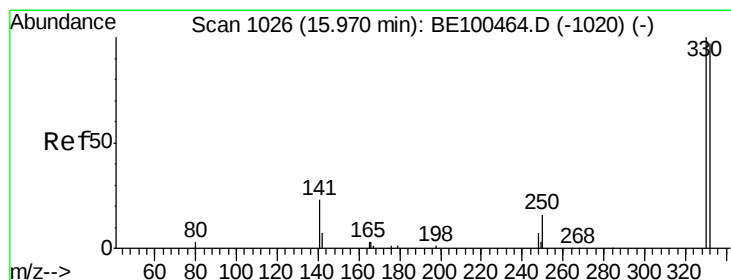
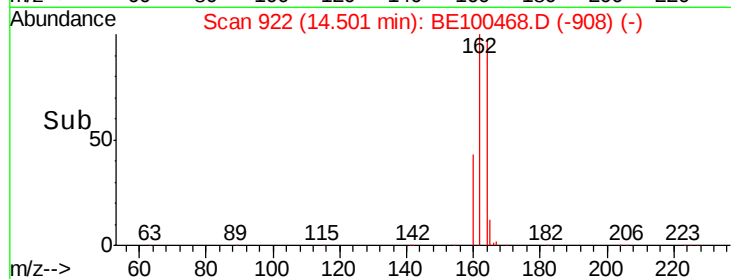
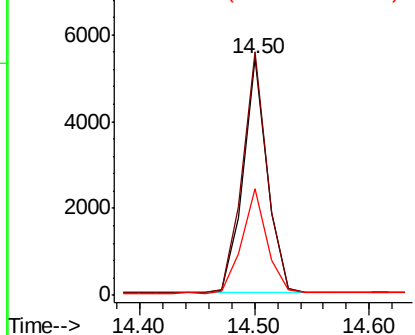
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BE100468.D
 Acq: 19 Jul 2019 13:01

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 7919
 Ion Ratio Lower Upper
 164 100
 162 102.7 85.0 127.6
 160 44.8 36.2 54.2

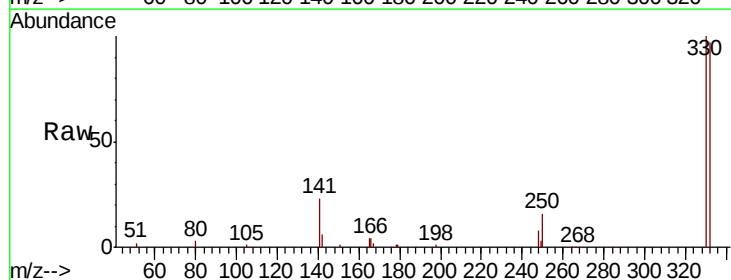


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

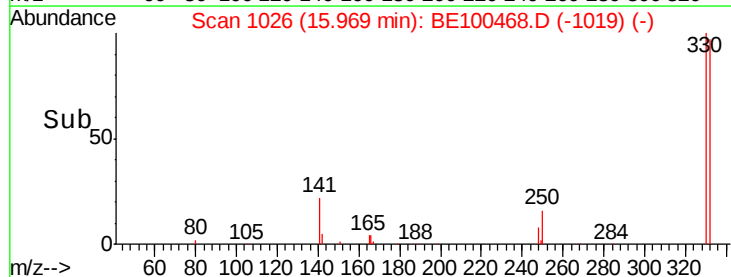
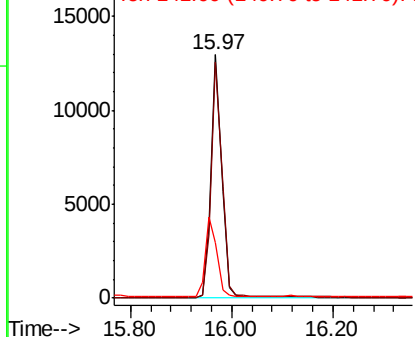


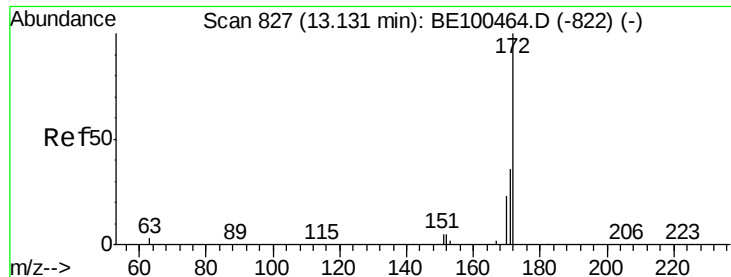
#14
 2,4,6-Tribromophenol
 Concen: 10.585 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE100468.D
 Acq: 19 Jul 2019 13:01

Tgt Ion:330 Resp: 18938
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.3 114.5
 141 35.8 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

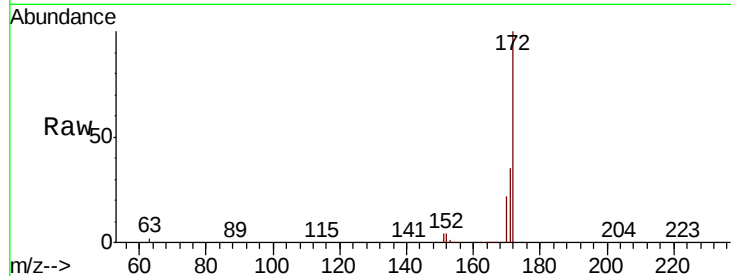




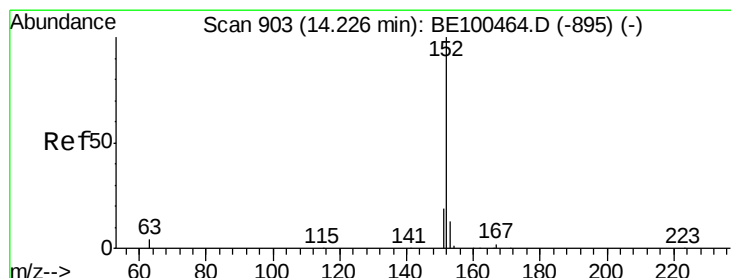
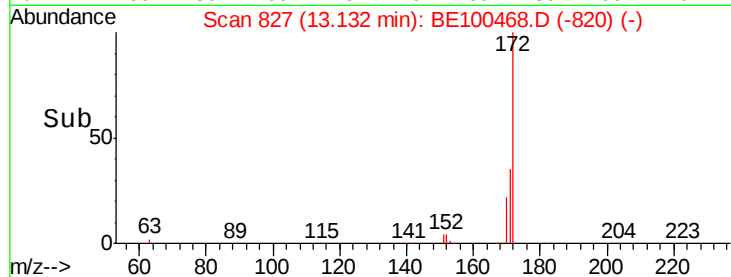
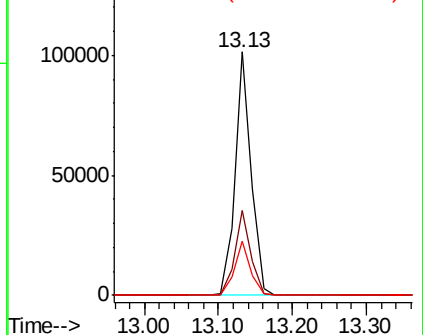
#15
2-Fluorobiphenyl
Concen: 4.318 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE100468.D
Acq: 19 Jul 2019 13:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 153180
Ion Ratio Lower Upper
172 100
171 34.7 29.2 43.8
170 22.1 18.8 28.2

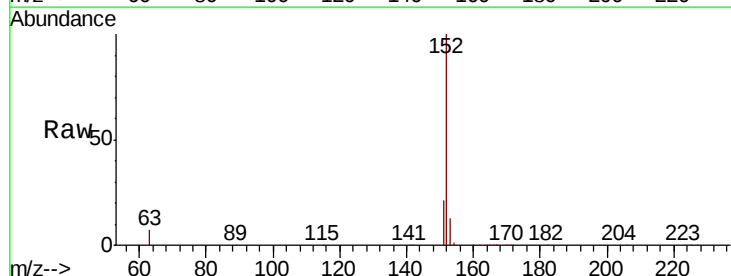


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

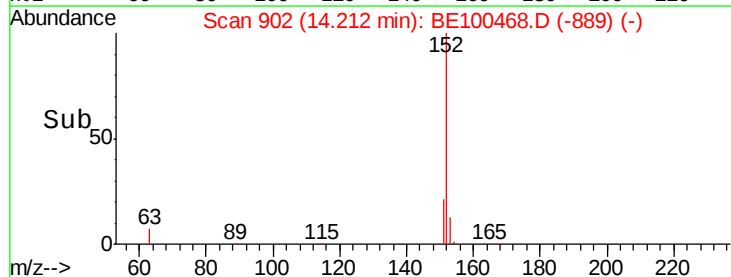
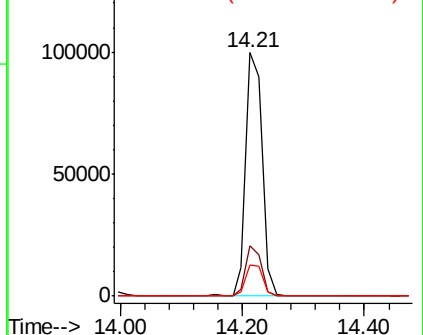


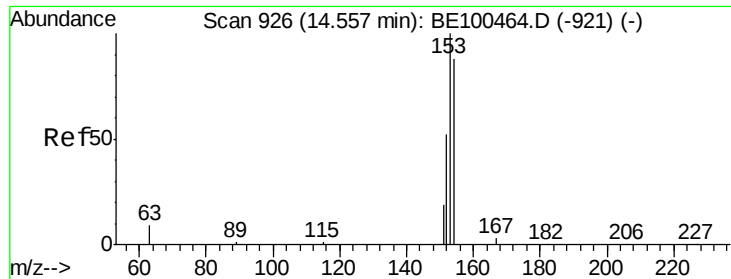
#16
Acenaphthylene
Concen: 5.799 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.01 min
Lab File: BE100468.D
Acq: 19 Jul 2019 13:01

Tgt Ion:152 Resp: 185742
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 13.0 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: 5.080 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

Instrument :

BNA_E

ClientSampleId :

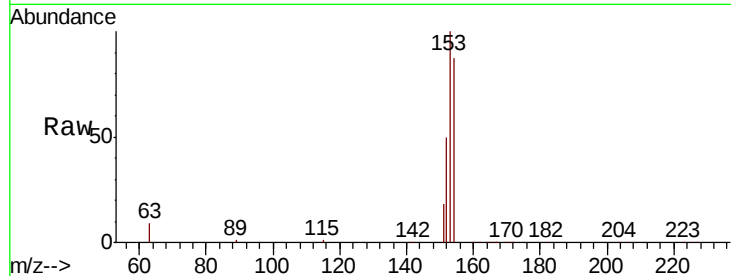
Tot Ion:154 Resp: 111809

Ion Ratio Lower Upper

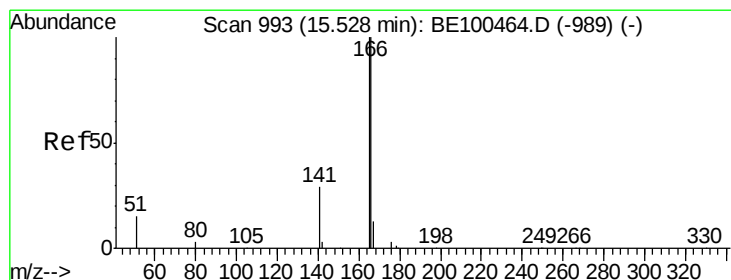
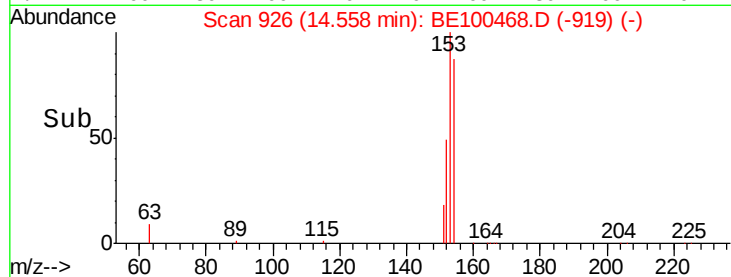
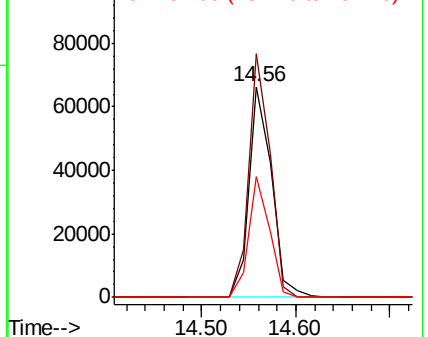
154 100

153 108.9 89.4 134.2

152 52.7 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: 5.249 ng

RT: 15.53 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

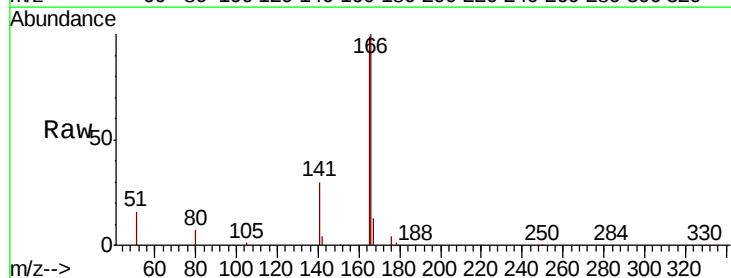
Tgt Ion:166 Resp: 148975

Ion Ratio Lower Upper

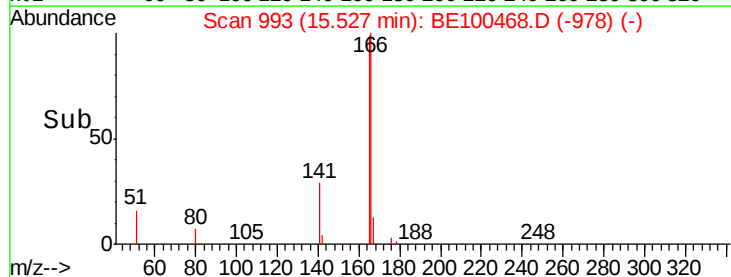
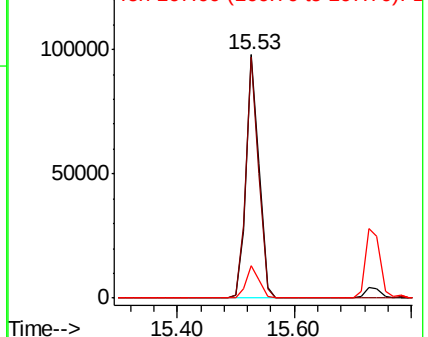
166 100

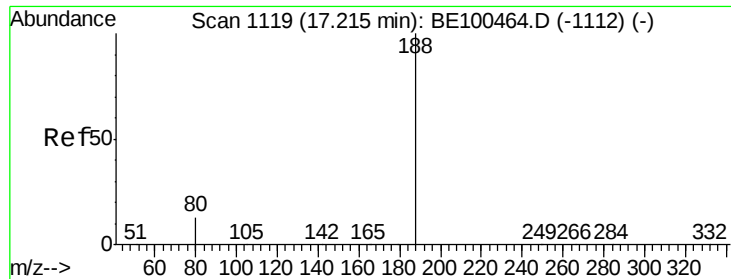
165 98.3 79.8 119.8

167 13.4 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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

Instrument :

BNA_E

ClientSampleId :

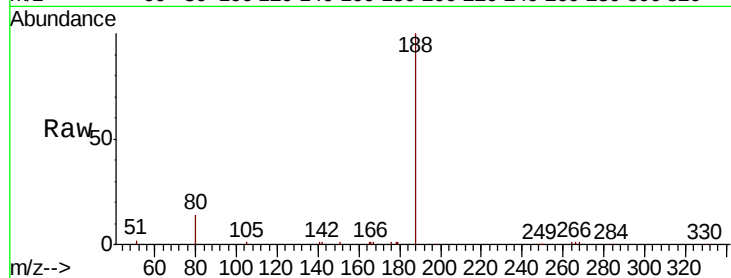
Tot Ion:188 Resp: 21005

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

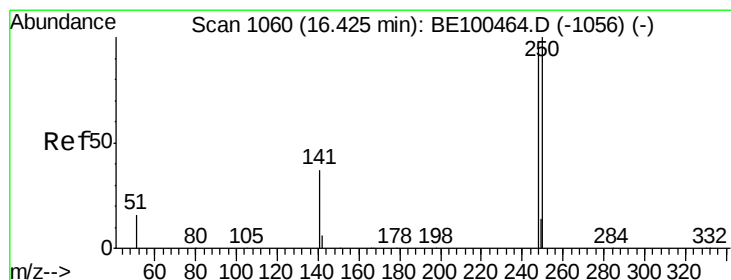
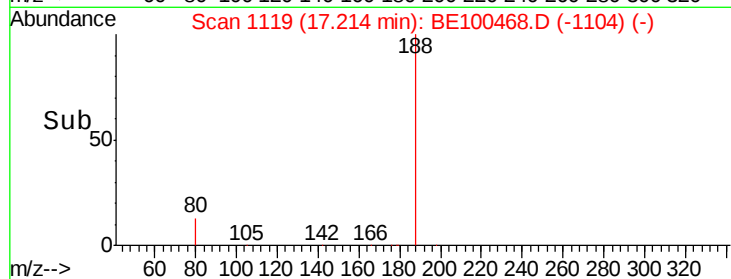
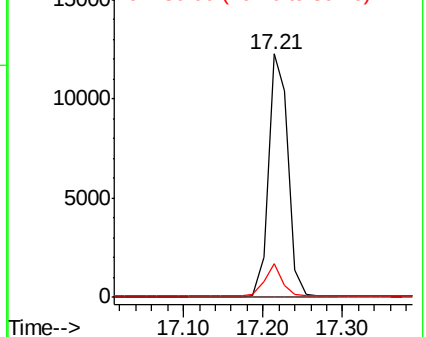
80 13.8 10.7 16.1



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: 4.523 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

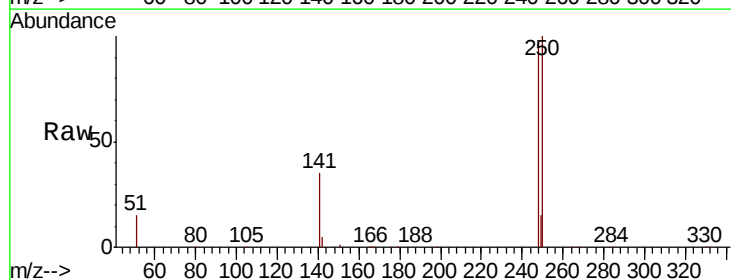
Tgt Ion:248 Resp: 49575

Ion Ratio Lower Upper

248 100

250 102.8 83.9 125.9

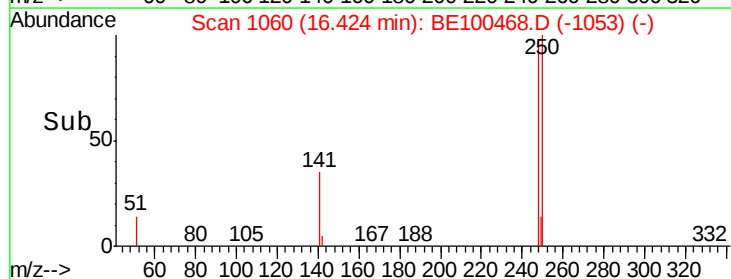
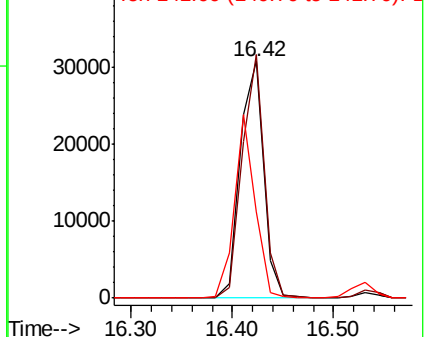
141 36.2 33.7 50.5

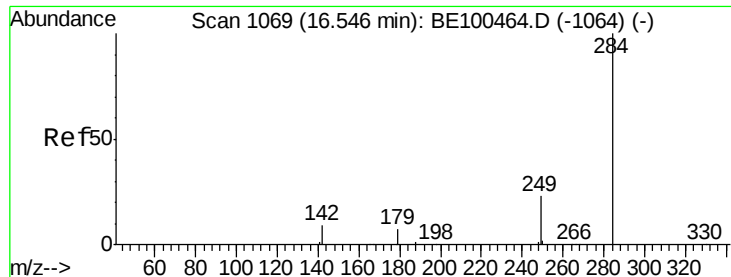


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.956 ng

RT: 16.54 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

Instrument :

BNA_E

ClientSampleId :

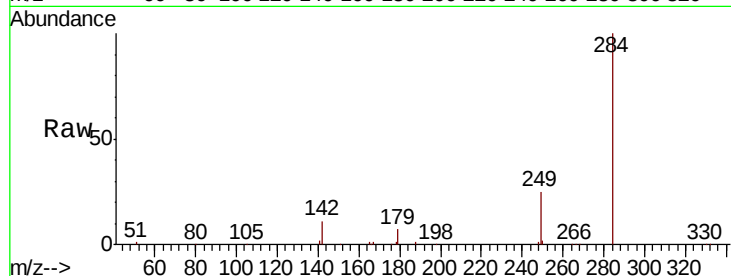
Tot Ion:284 Resp: 50675

Ion Ratio Lower Upper

284 100

142 33.3 27.4 41.2

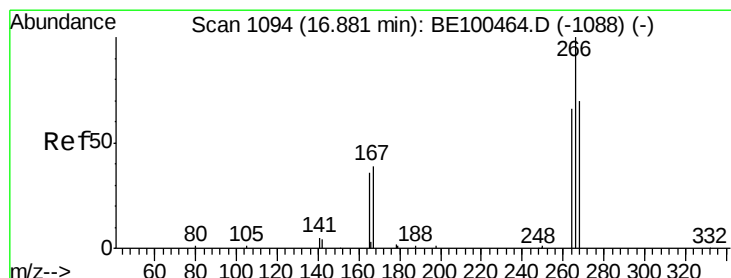
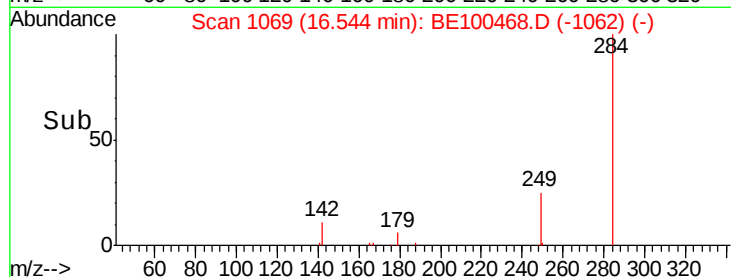
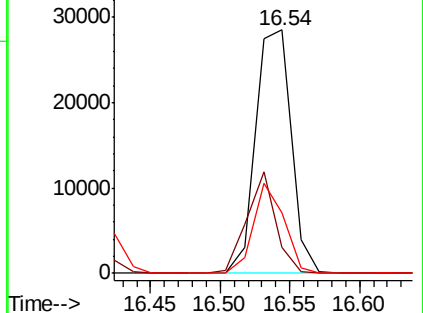
249 32.0 25.1 37.7



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: 11.710 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

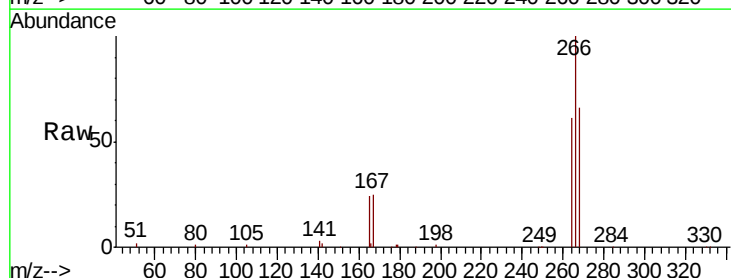
Tgt Ion:266 Resp: 26188

Ion Ratio Lower Upper

266 100

264 61.0 55.5 83.3

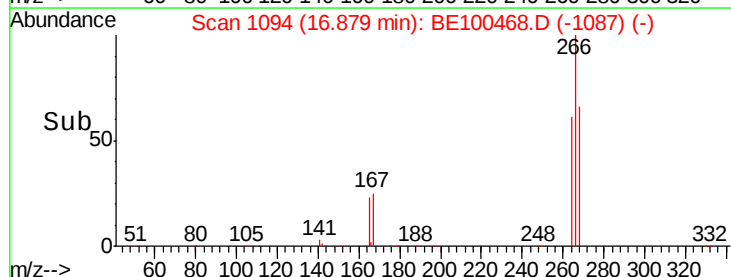
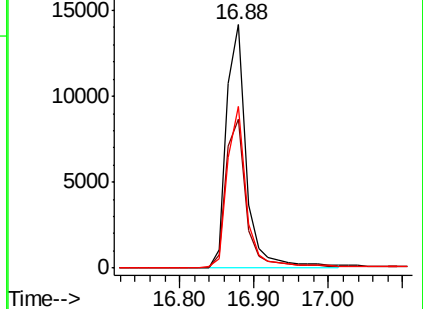
268 66.5 59.2 88.8

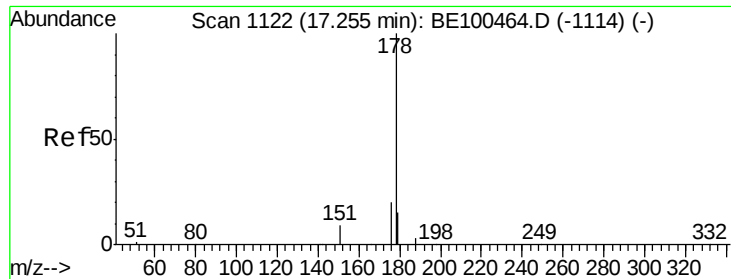


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 4.613 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

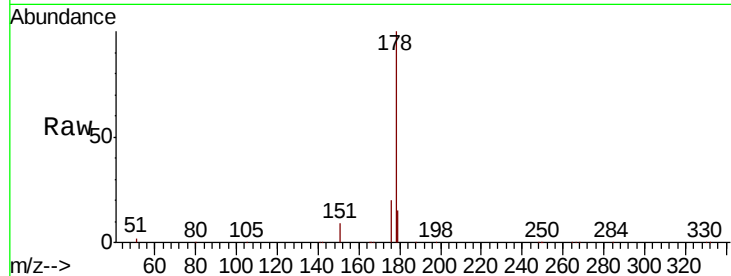
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 258183

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.3	12.5	18.7

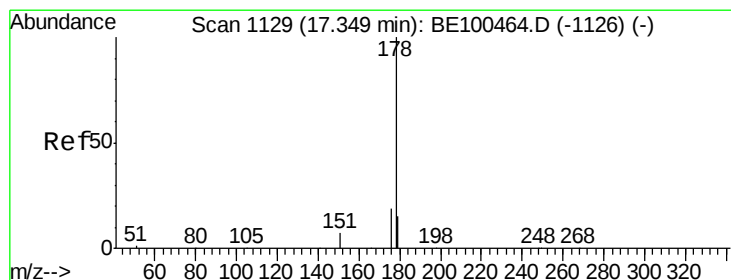
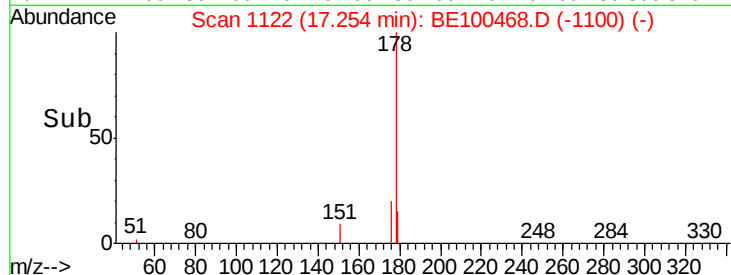
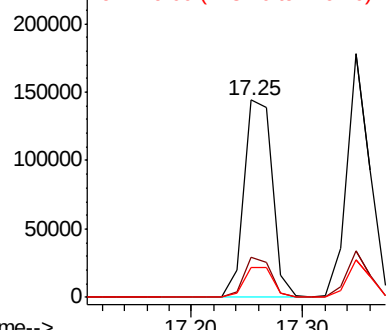


Abundance

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: 5.520 ng

RT: 17.35 min Scan# 1129

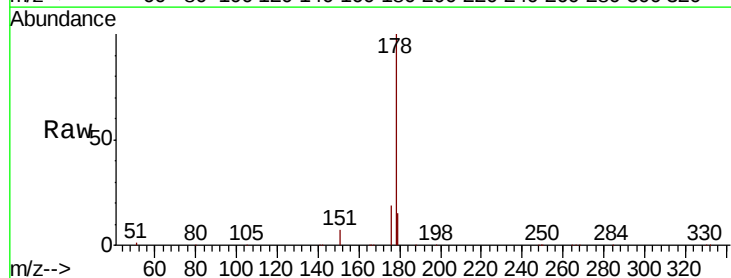
Delta R.T. -0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

Tgt Ion:178 Resp: 254974

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.2	18.2

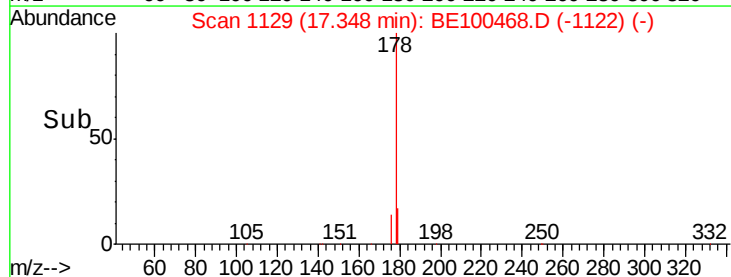
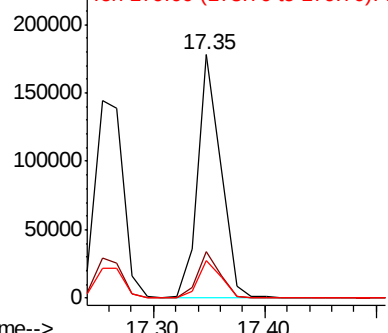


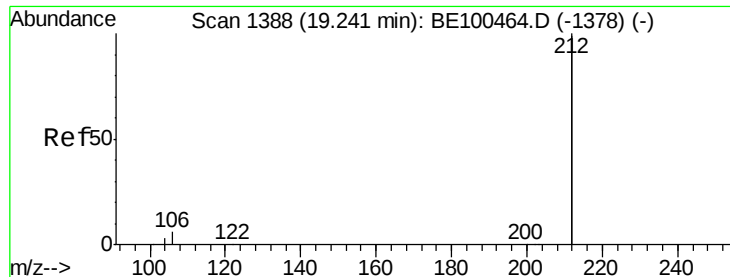
Abundance

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: 22.548 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

Instrument :

BNA_E

ClientSampleId :

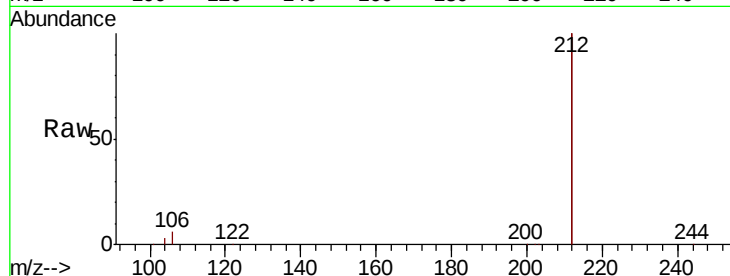
Tot Ion:212 Resp: 5642583

Ion Ratio Lower Upper

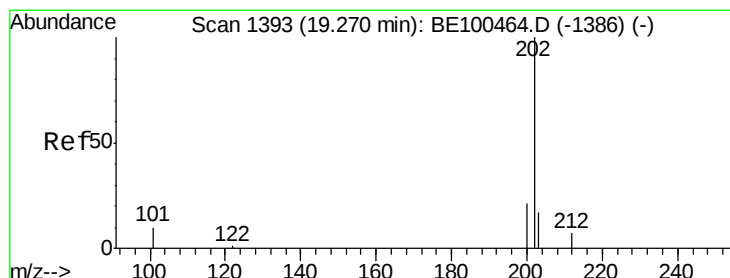
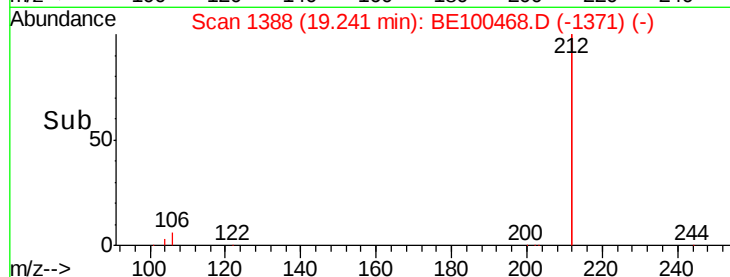
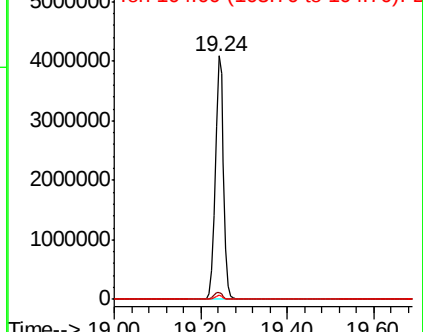
212 100

106 2.9 2.2 3.2

104 1.6 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: 5.325 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

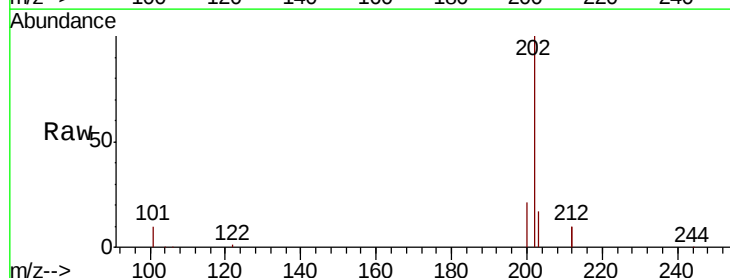
Tgt Ion:202 Resp: 378790

Ion Ratio Lower Upper

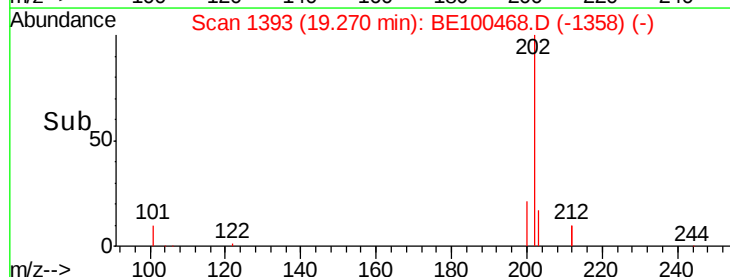
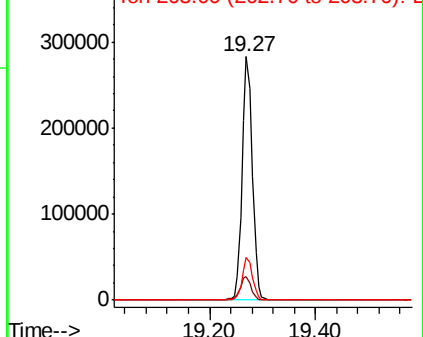
202 100

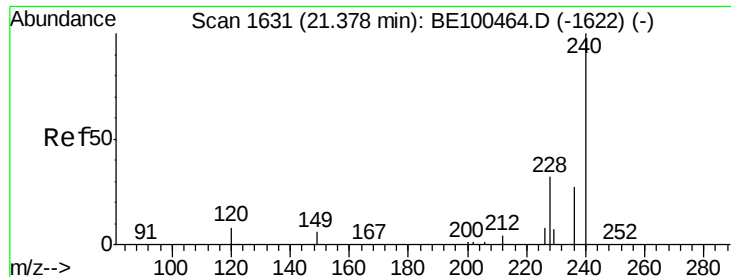
101 10.3 8.3 12.5

203 17.8 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: BE100468.D

Acq: 19 Jul 2019 13:01

Instrument :

BNA_E

ClientSampleId :

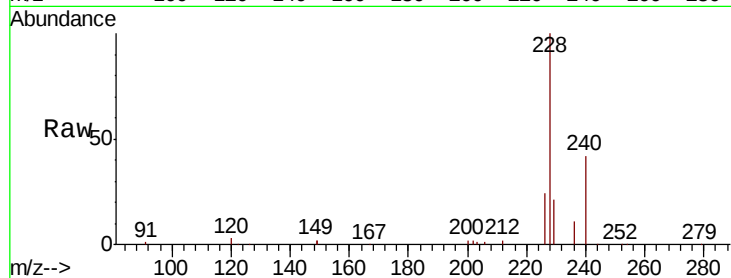
Tot Ion:240 Resp: 24858

Ion Ratio Lower Upper

240 100

120 6.9 7.1 10.7#

236 26.7 21.7 32.5

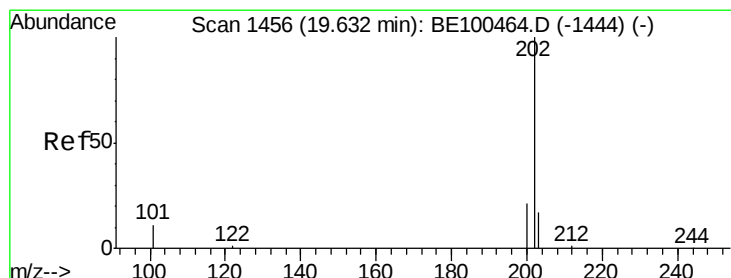
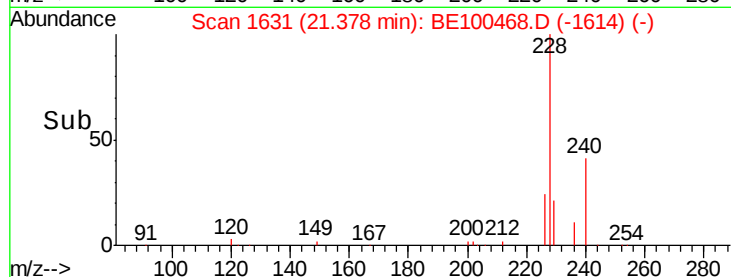
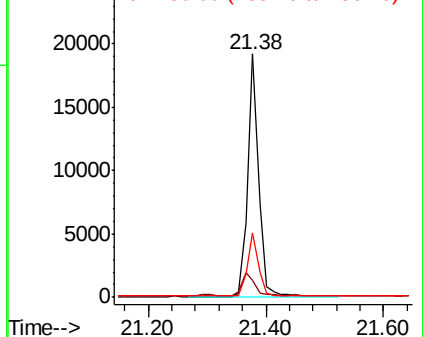


Abundance

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: 5.192 ng

RT: 19.63 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

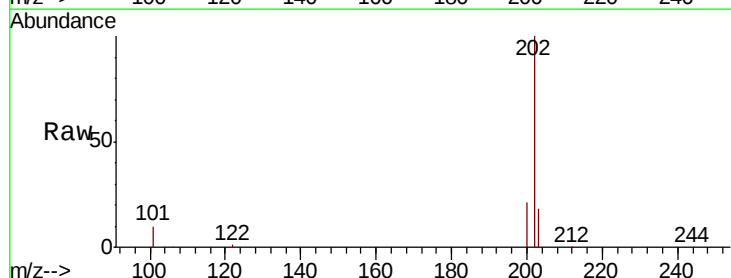
Tgt Ion:202 Resp: 377593

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

203 17.6 13.8 20.8

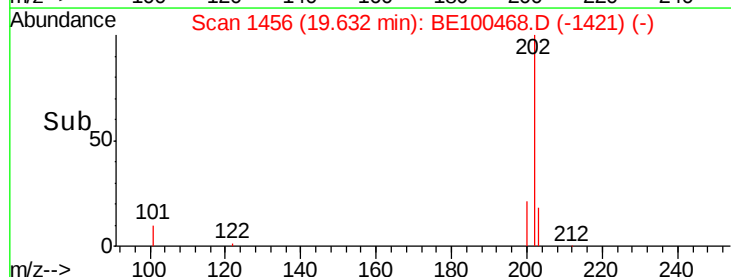
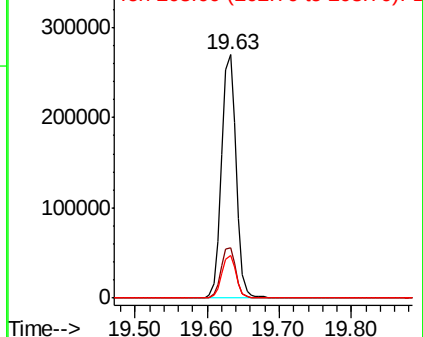


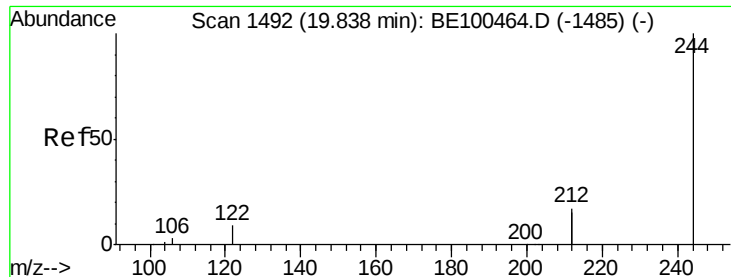
Abundance

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: 4.749 ng

RT: 19.84 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

Instrument :

BNA_E

ClientSampled :

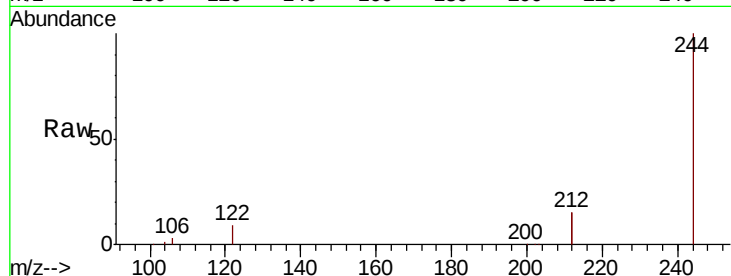
Tot Ion:244 Resp: 289253

Ion Ratio Lower Upper

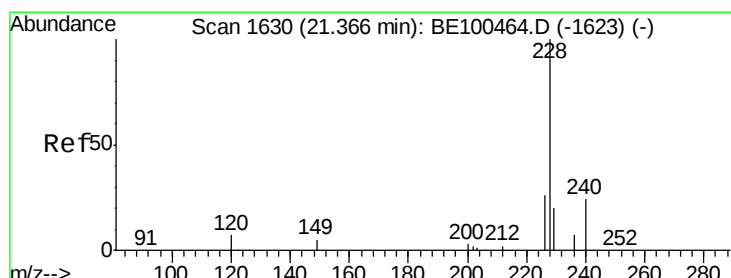
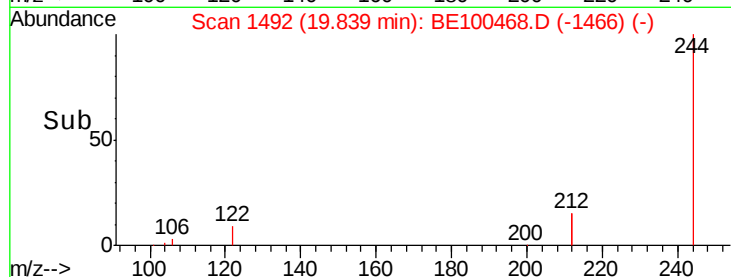
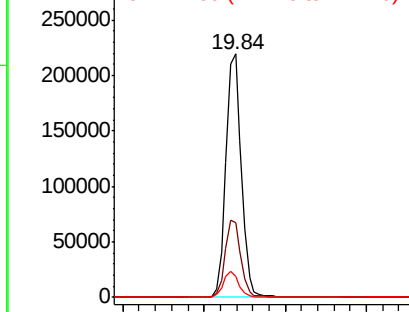
244 100

212 30.9 26.6 40.0

122 8.7 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: 5.493 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

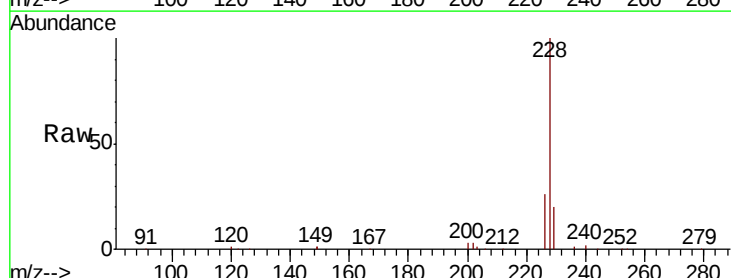
Tgt Ion:228 Resp: 370585

Ion Ratio Lower Upper

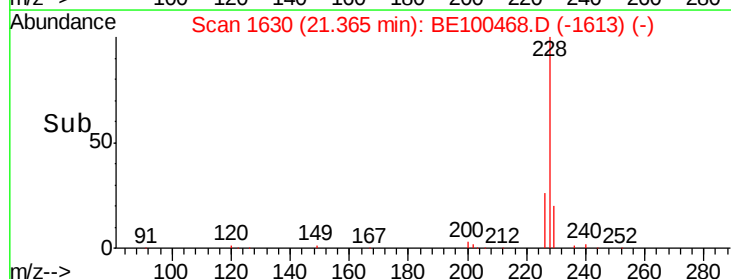
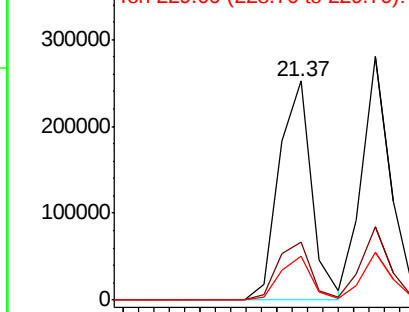
228 100

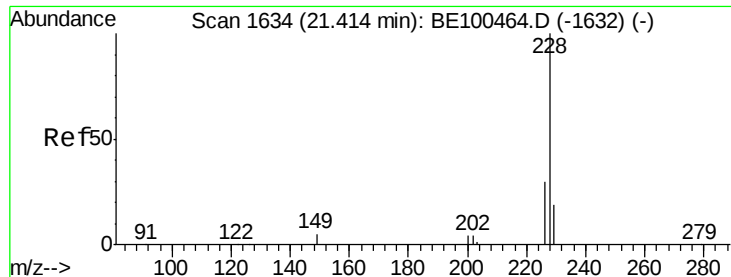
226 26.5 21.3 31.9

229 20.3 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

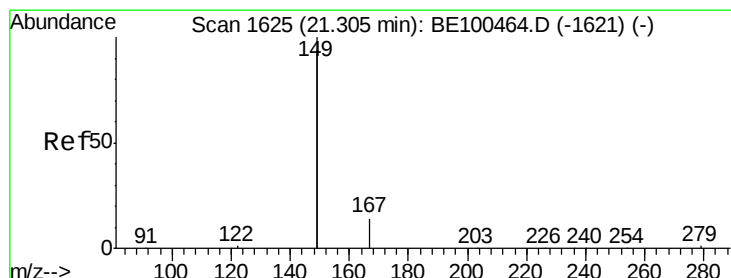
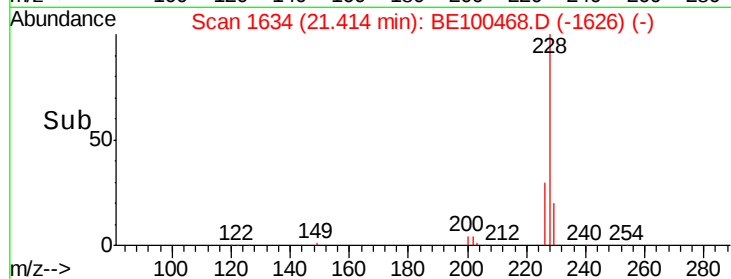
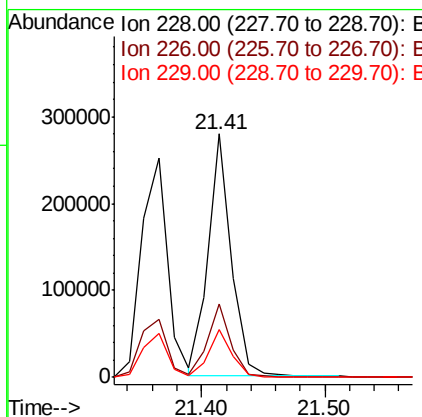
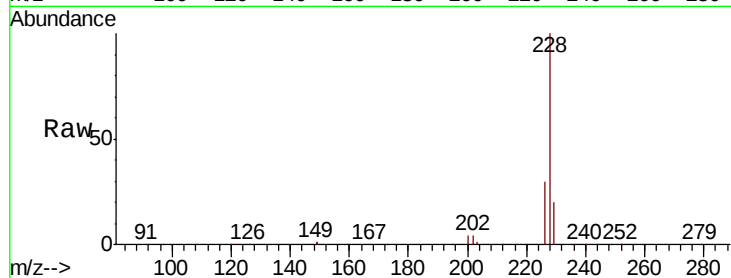




#31
 Chrvsene
 Concen: 4.560 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BE100468.D
 Acq: 19 Jul 2019 13:01

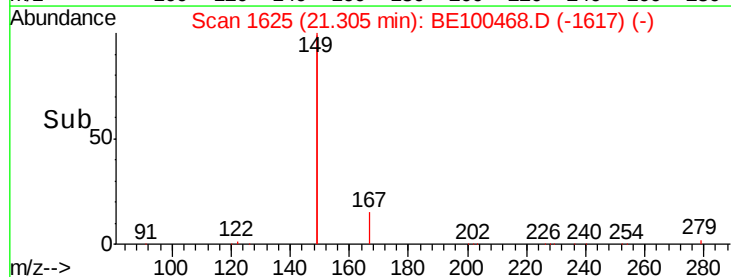
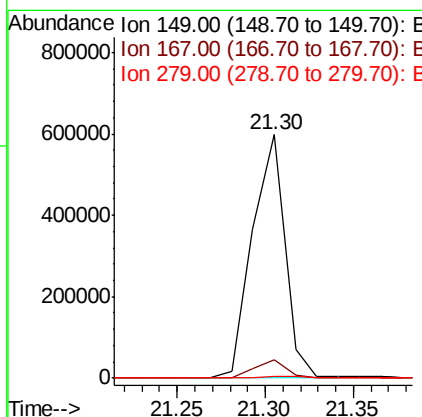
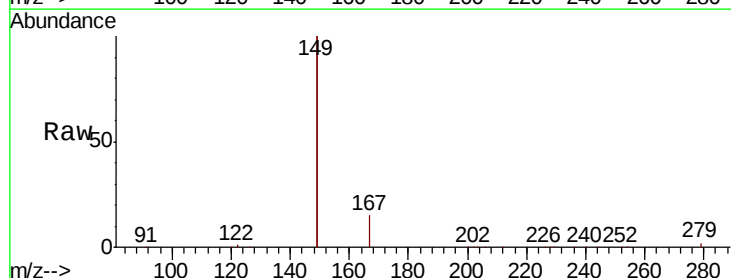
Instrument :
 BNA_E
 ClientSampleId :

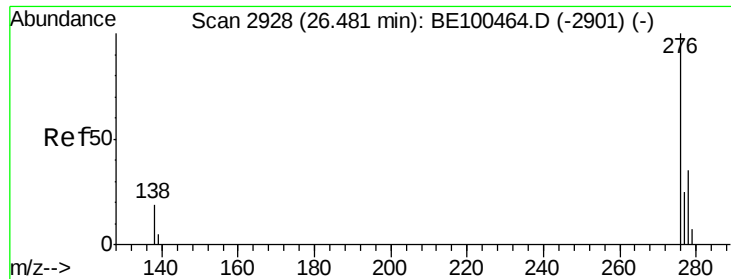
Tot Ion:228 Resp: 365342
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.5 36.7
 229 19.6 16.0 24.0



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 15.752 ng
 RT: 21.30 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BE100468.D
 Acq: 19 Jul 2019 13:01

Tgt Ion:149 Resp: 762205
 Ion Ratio Lower Upper
 149 100
 167 7.3 5.8 8.6
 279 1.0 0.8 1.2

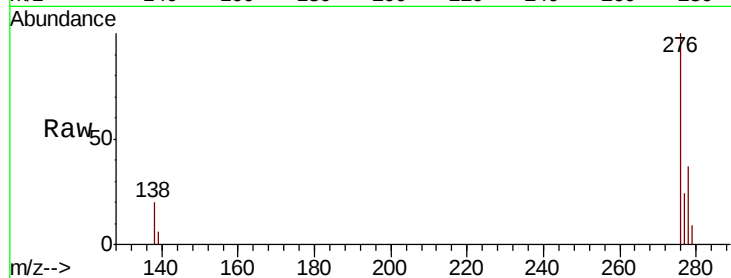




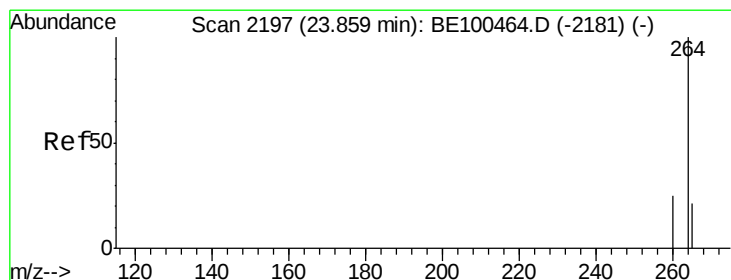
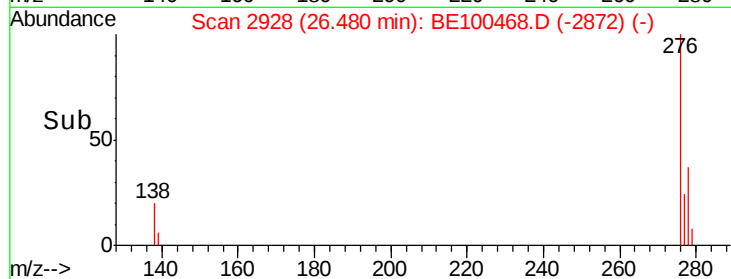
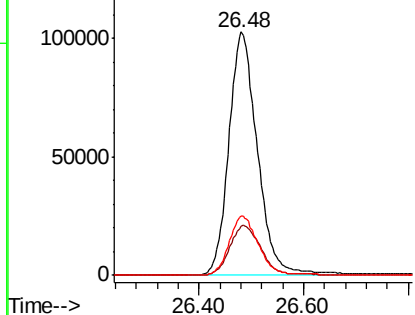
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.473 ng
RT: 26.48 min Scan# 2928
Delta R.T. -0.00 min
Lab File: BE100468.D
Acq: 19 Jul 2019 13:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 389842
Ion Ratio Lower Upper
276 100
138 22.3 17.4 26.0
277 25.0 19.4 29.0

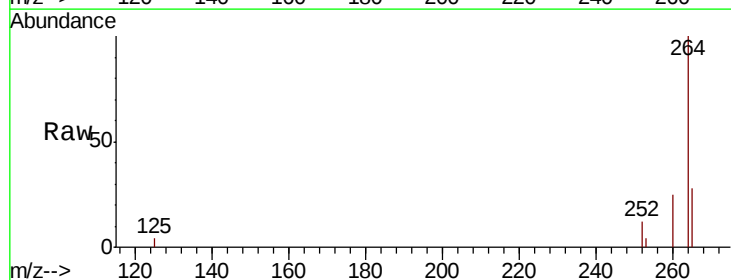


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

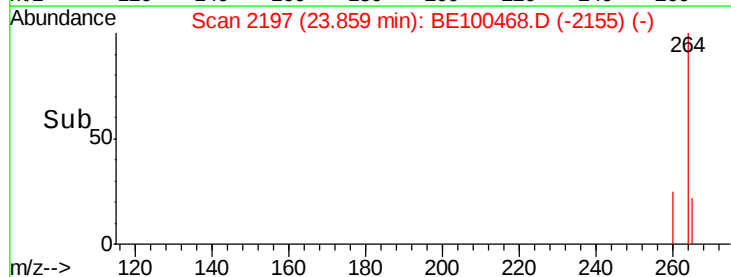
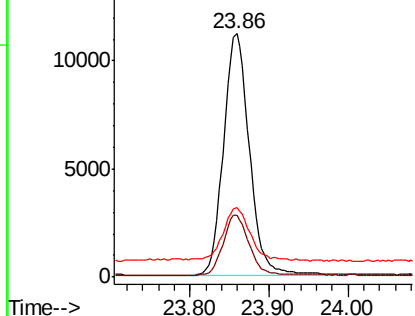


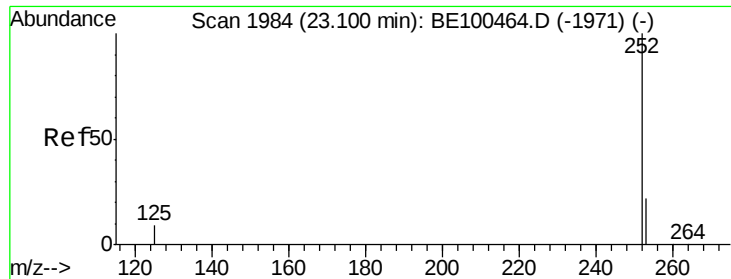
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BE100468.D
Acq: 19 Jul 2019 13:01

Tgt Ion:264 Resp: 25331
Ion Ratio Lower Upper
264 100
260 25.2 20.7 31.1
265 28.3 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: 4.563 ng

RT: 23.10 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

Instrument :

BNA_E

ClientSampleId :

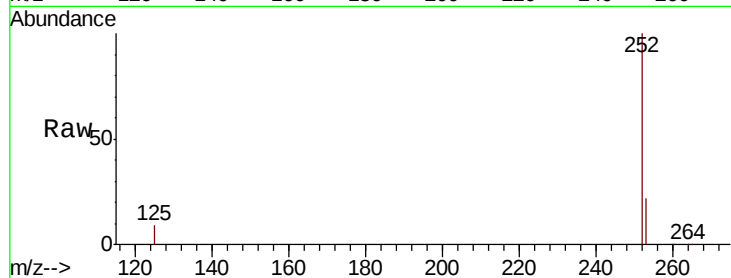
Tot Ion:252 Resp: 353118

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

125 8.9 9.0 13.4#

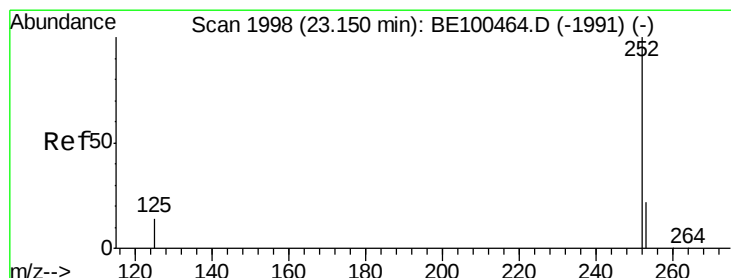
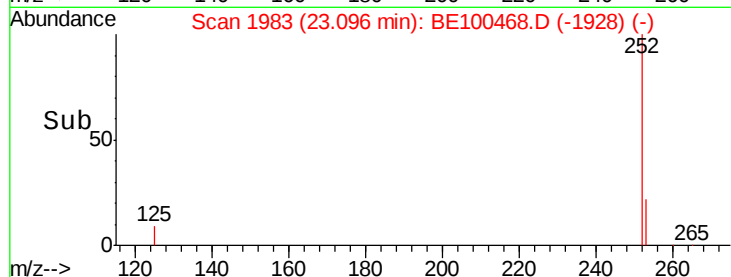
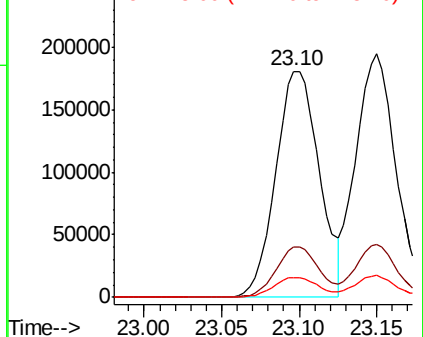


Abundance

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: 4.419 ng

RT: 23.15 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

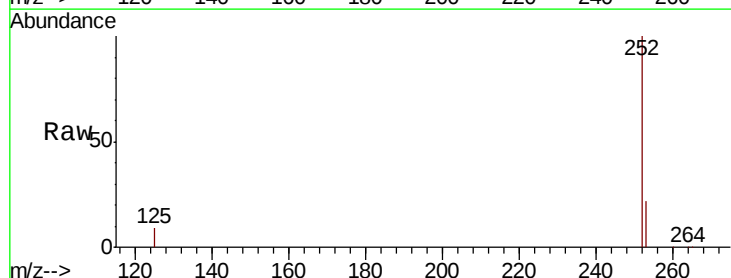
Tgt Ion:252 Resp: 361946

Ion Ratio Lower Upper

252 100

253 21.9 19.0 28.4

125 8.9 11.8 17.8#

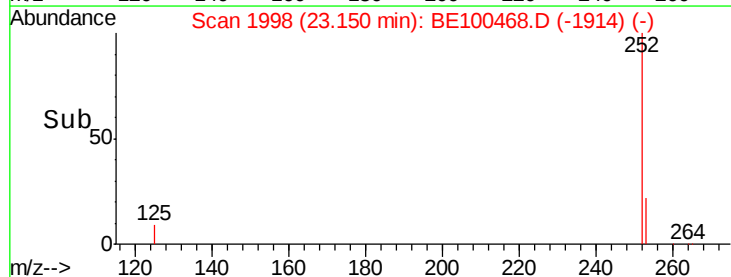
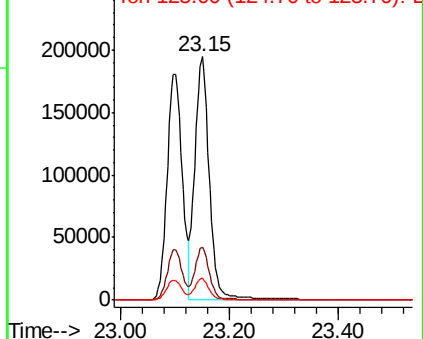


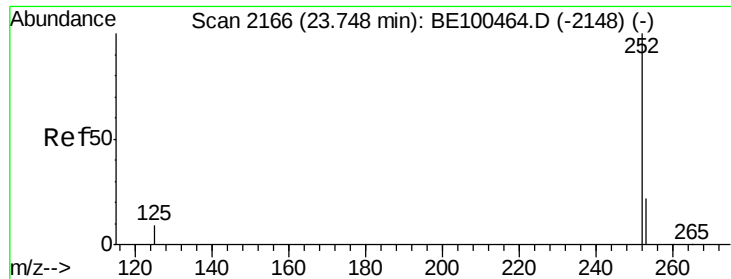
Abundance

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: 5.238 ng

RT: 23.75 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

Instrument :

BNA_E

ClientSampleId :

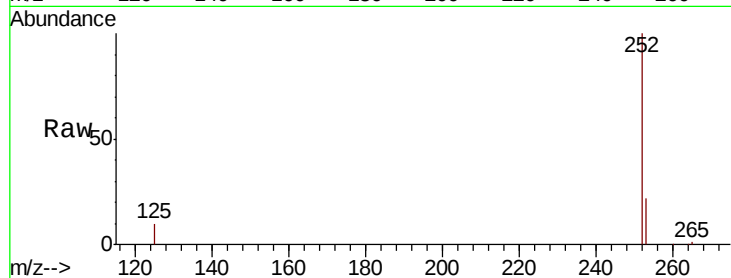
Tot Ion:252 Resp: 333315

Ion Ratio Lower Upper

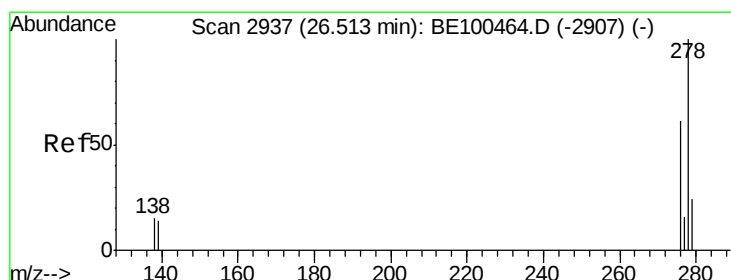
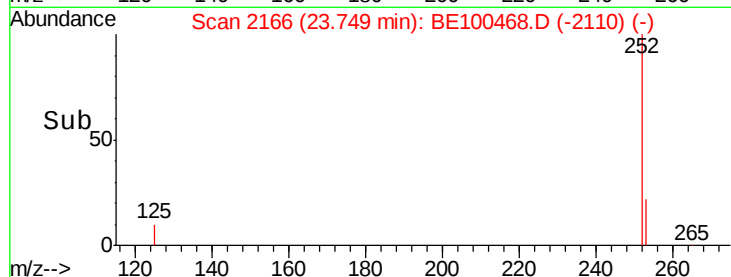
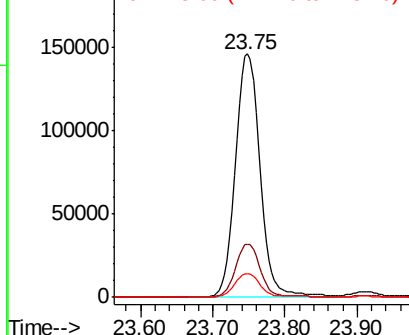
252 100

253 22.0 19.1 28.7

125 9.7 10.0 15.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 4.732 ng

RT: 26.51 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

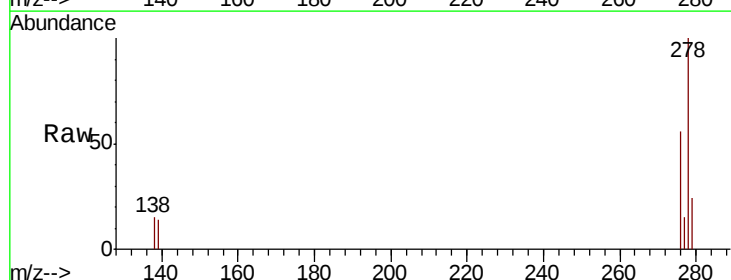
Tgt Ion:278 Resp: 321111

Ion Ratio Lower Upper

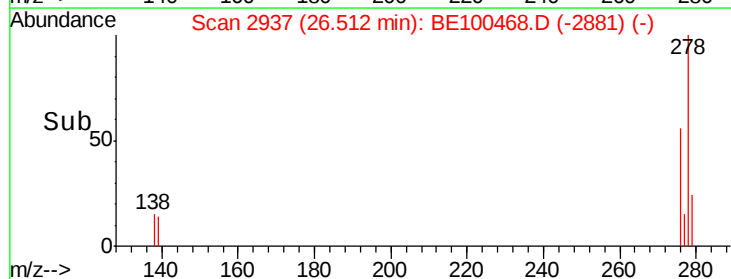
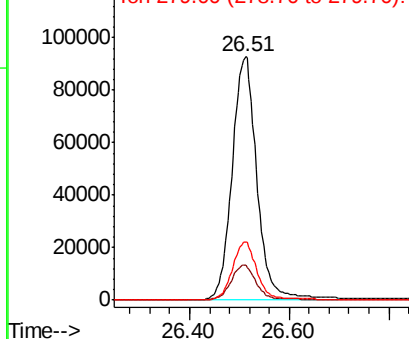
278 100

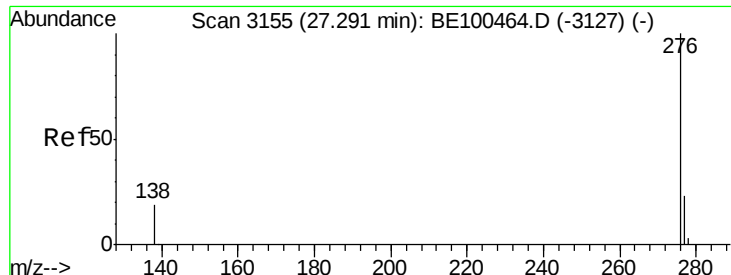
139 14.3 13.0 19.6

279 23.7 20.4 30.6



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: 4.498 ng

RT: 27.29 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BE100468.D

Acq: 19 Jul 2019 13:01

Instrument :

BNA_E

ClientSampleId :

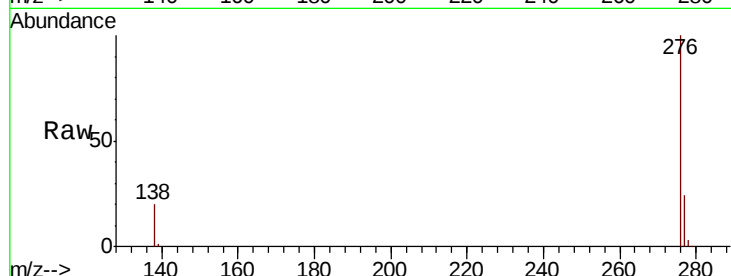
Tot Ion: 276 Resp: 319182

Ion Ratio Lower Upper

276 100

277 23.8 19.9 29.9

138 19.7 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

