

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071219\
 Data File : BE100419.D
 Acq On : 12 Jul 2019 13:37
 Operator : HP/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 12 16:40:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 16:31:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	4431	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	18230	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	11027	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	28387	0.40	ng	0.00
27) Chrysene-d12	21.40	240	38695	0.40	ng	0.00
34) Perylene-d12	23.90	264	45847	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	11033	1.14	ng	0.00
5) Phenol-d6	7.04	99	16128	1.65	ng	0.00
8) Nitrobenzene-d5	9.03	82	6991	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	23567	0.75	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	2920	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	32921	0.68	ng	0.00
25) Fluoranthene-d10	19.26	212	325942	0.70	ng	0.00
29) Terphenyl-d14	19.86	244	69025	0.97	ng	0.00

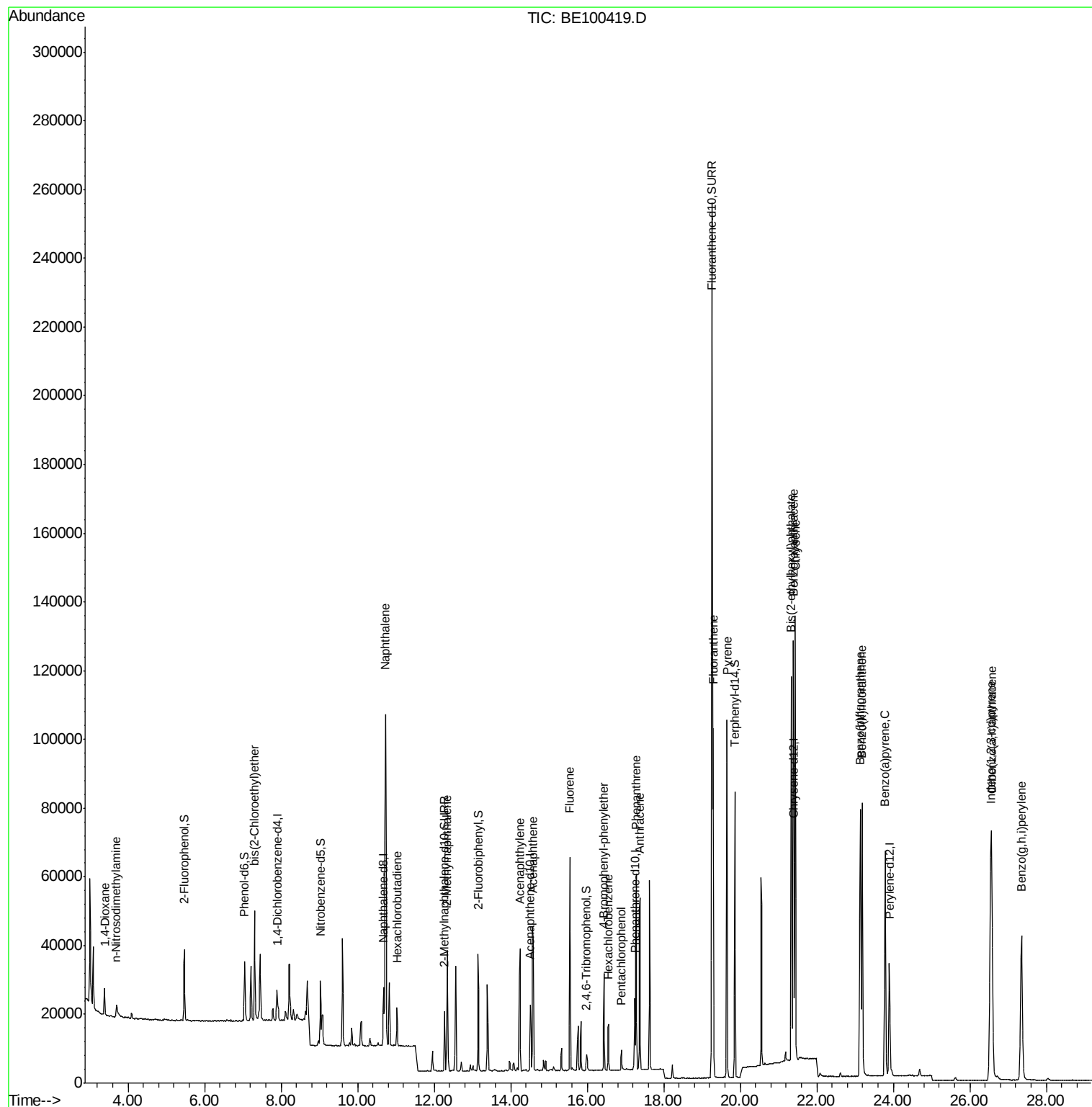
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	5666	0.642	ng	# 100
3) n-Nitrosodimethylamine	3.69	42	3416	0.944	ng	95
6) bis(2-Chloroethyl)ether	7.31	93	11582	1.560	ng	# 1
9) Naphthalene	10.73	128	151515	0.776	ng	99
10) Hexachlorobutadiene	11.03	225	7358	0.269	ng	95
12) 2-Methylnaphthalene	12.34	142	26450	0.948	ng	96
16) Acenaphthylene	14.24	152	44468	0.845	ng	99
17) Acenaphthene	14.59	154	26025	0.869	ng	98
18) Fluorene	15.54	166	34765	0.697	ng	99
20) 4-Bromophenyl-phenylether	16.44	248	12743	0.737	ng	97
21) Hexachlorobenzene	16.56	284	13090	0.569	ng	98
22) Pentachlorophenol	16.89	266	3463	1.203	ng	97
23) Phenanthrene	17.28	178	61254	0.906	ng	99
24) Anthracene	17.38	178	61253	1.110	ng	99
26) Fluoranthene	19.29	202	89087	0.702	ng	100
28) Pyrene	19.65	202	93097	1.050	ng	100
30) Benzo(a)anthracene	21.39	228	106553	0.975	ng	99
31) Chrysene	21.44	228	103831	0.832	ng	100
32) Bis(2-ethylhexyl)phthalate	21.33	149	151452	1.607	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	126617	0.726	ng	# 100
35) Benzo(b)fluoranthene	23.13	252	112509	0.920	ng	98
36) Benzo(k)fluoranthene	23.19	252	113040	0.746	ng	98
37) Benzo(a)pyrene	23.78	252	105217	0.817	ng	99
38) Dibenzo(a,h)anthracene	26.57	278	104288	0.822	ng	99
39) Benzo(g,h,i)perylene	27.35	276	104409	0.691	ng	99

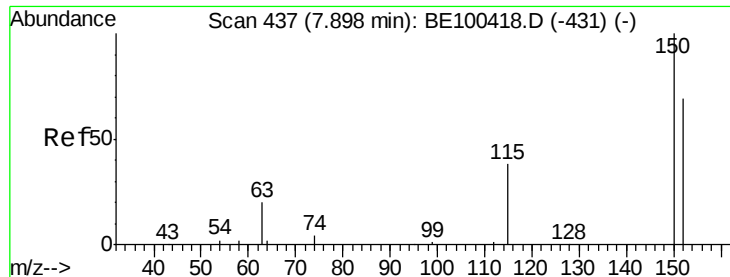
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

Quant Time: Jul 12 16:40:15 2019
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QLast Update : Fri Jul 12 16:31:47 2019
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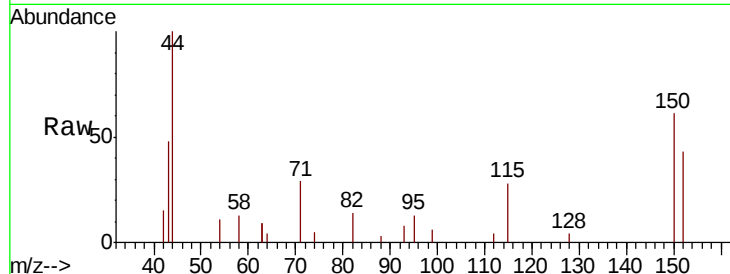




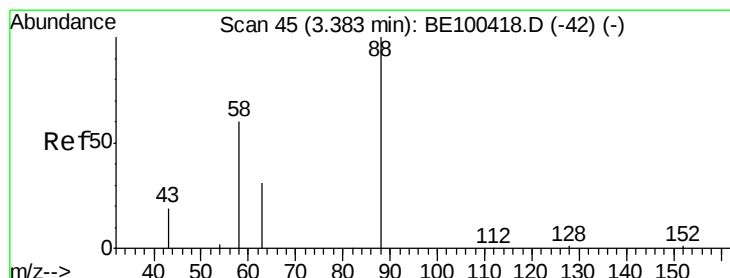
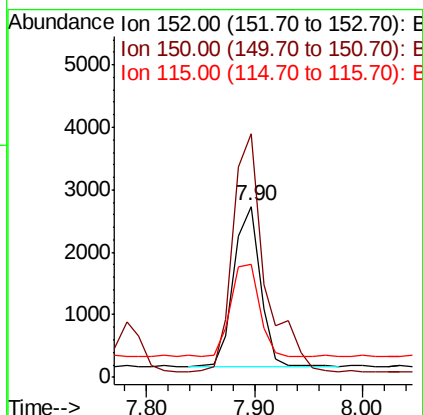
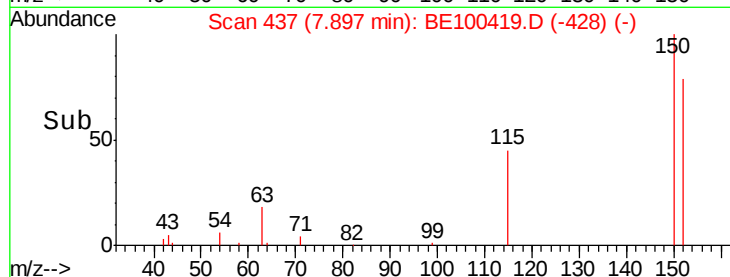
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.90 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BE100419.D
 Acq: 12 Jul 2019 13:37

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:152 Resp: 4431
 Ion Ratio Lower Upper
 152 100
 150 142.4 108.8 163.2
 115 66.1 54.2 81.2

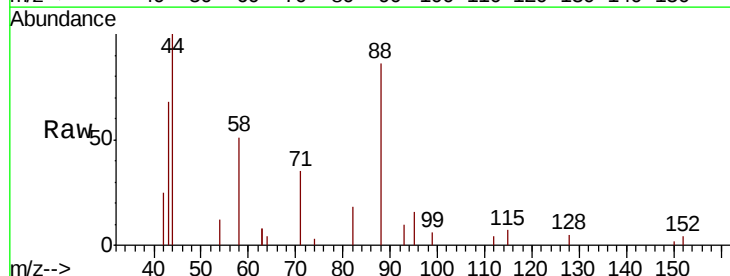


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

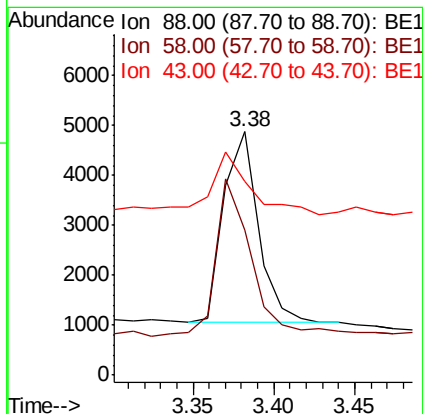
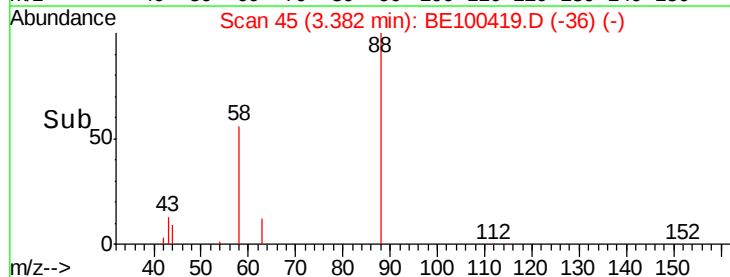


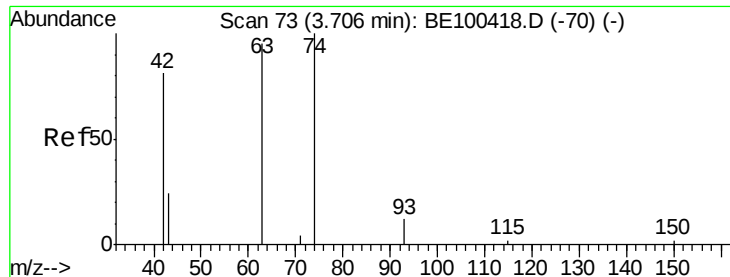
#2
 1,4-Dioxane
 Concen: 0.642 ng
 RT: 3.38 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE100419.D
 Acq: 12 Jul 2019 13:37

Tgt Ion: 88 Resp: 5666
 Ion Ratio Lower Upper
 88 100
 58 85.2 0.0 0.0#
 43 39.3 0.0 0.0#



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



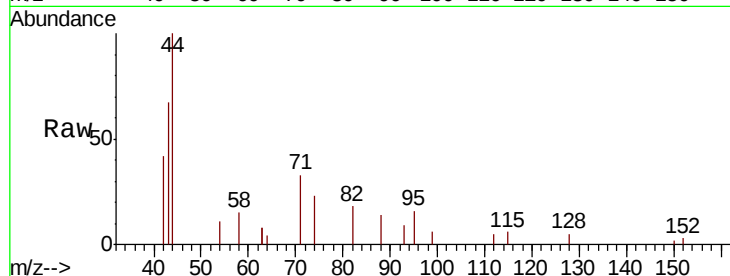


#3

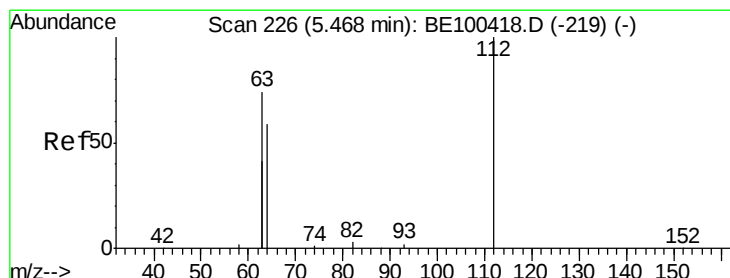
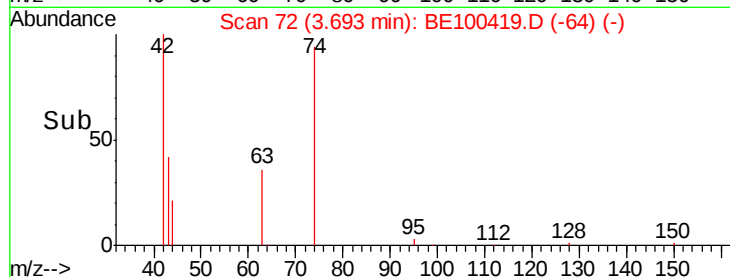
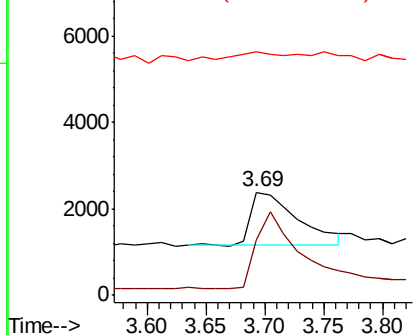
n-Nitrosodimethylamine
 Concen: 0.944 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.01 min
 Lab File: BE100419.D
 Acq: 12 Jul 2019 13:37

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	42	Resp	3416
Ion Ratio	Lower	Upper	
42	100		
74	133.8	112.3	168.5
44	16.7	15.0	22.4



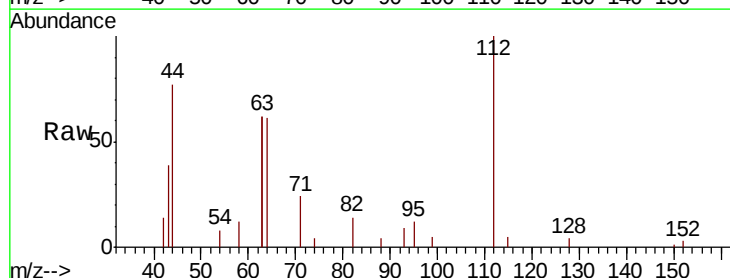
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



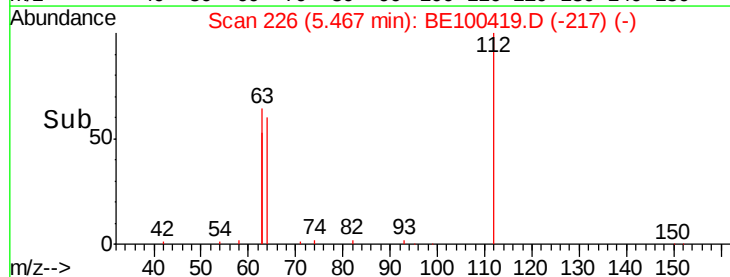
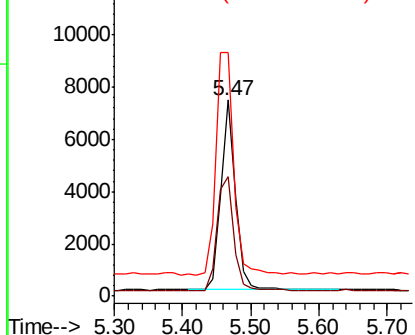
#4

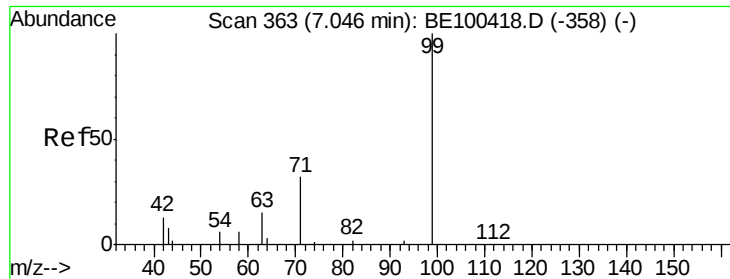
2-Fluorophenol
 Concen: 1.137 ng
 RT: 5.47 min Scan# 226
 Delta R.T. -0.00 min
 Lab File: BE100419.D
 Acq: 12 Jul 2019 13:37

Tgt Ion	112	Resp	11033
Ion Ratio	Lower	Upper	
112	100		
64	68.8	56.6	84.8
63	141.9	120.2	180.4



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: 1.646 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

Instrument :

BNA_E

ClientSampleId :

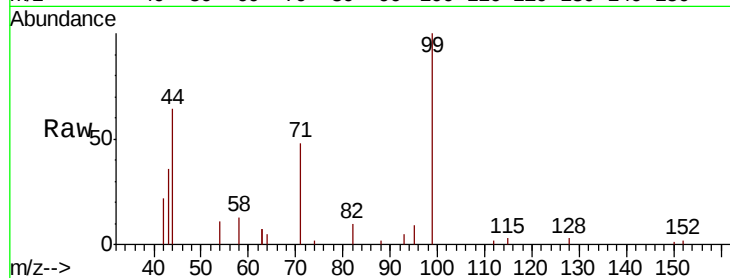
Tot Ion: 99 Resp: 16128

Ion Ratio Lower Upper

99 100

42 21.7 0.0 0.0#

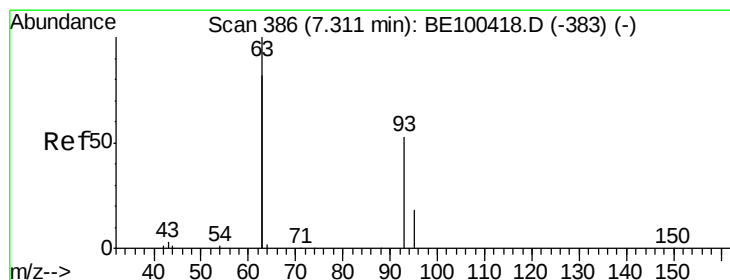
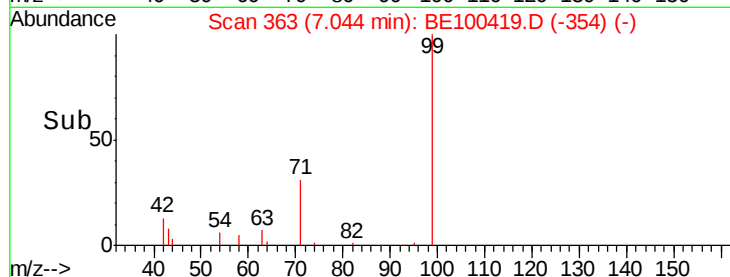
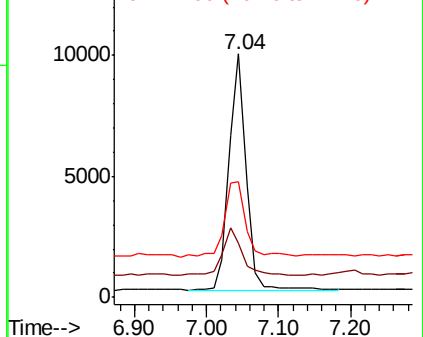
71 39.8 0.0 0.0#



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: 1.560 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

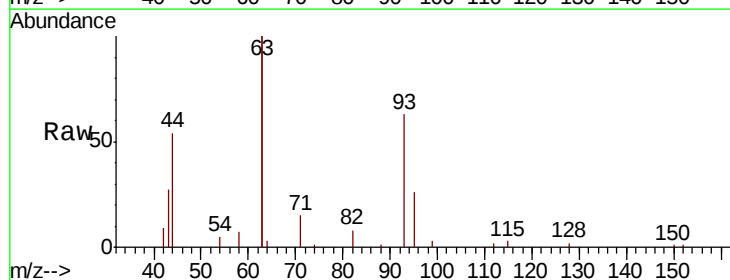
Tgt Ion: 93 Resp: 11582

Ion Ratio Lower Upper

93 100

63 333.2 101.4 152.2#

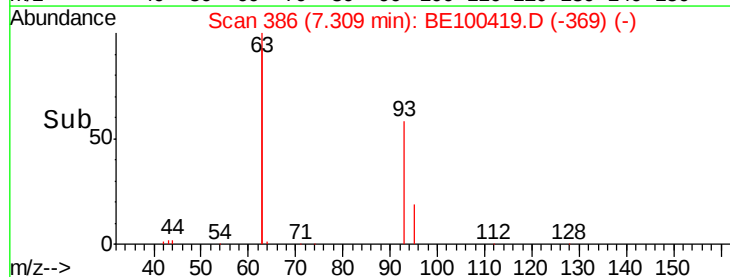
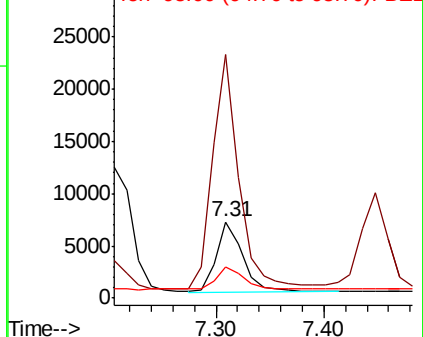
95 35.4 0.0 0.0#

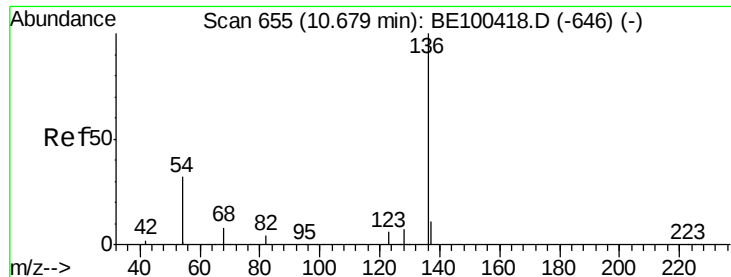


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: BE100419.D

Acq: 12 Jul 2019 13:37

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 18230

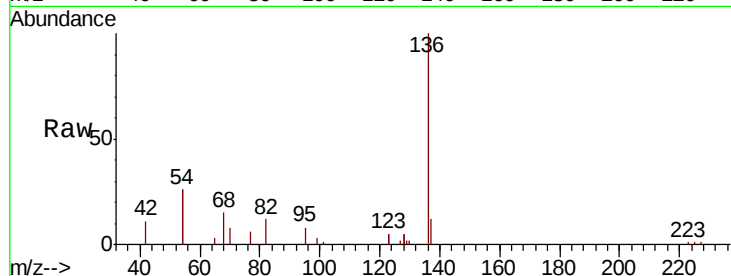
Ion Ratio Lower Upper

136 100

137 12.3 10.1 15.1

54 52.9 49.8 74.6

68 15.1 14.0 21.0

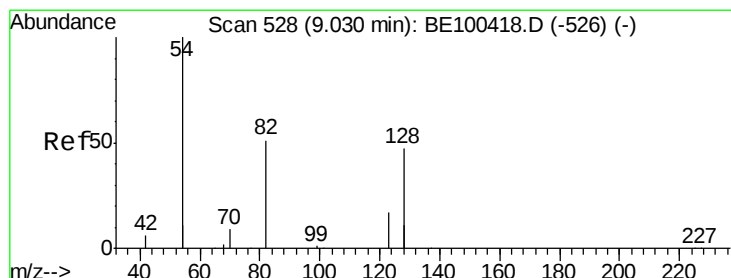
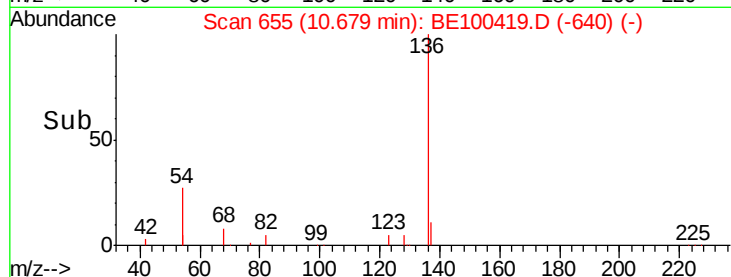
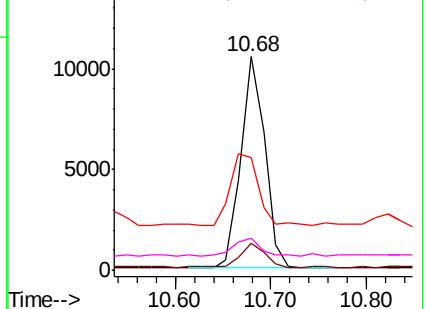


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.334 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

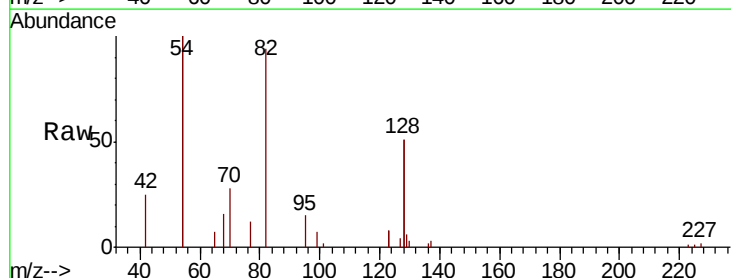
Tgt Ion: 82 Resp: 6991

Ion Ratio Lower Upper

82 100

128 108.8 88.3 132.5

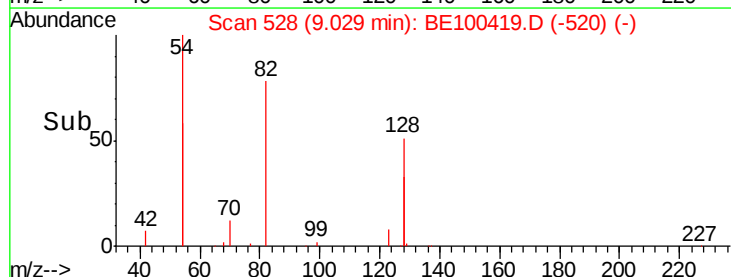
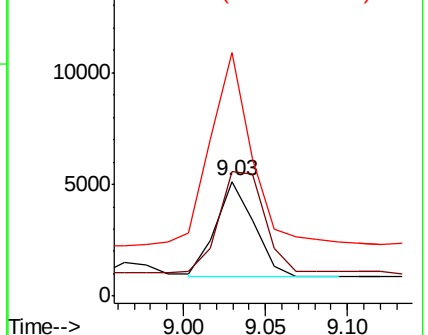
54 212.9 189.6 284.4

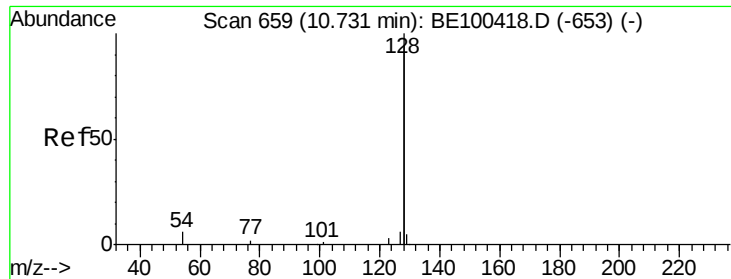


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.776 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

Instrument :

BNA_E

ClientSampleId :

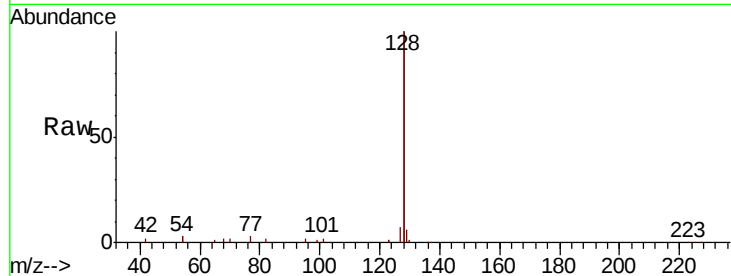
Tot Ion:128 Resp: 151515

Ion Ratio Lower Upper

128 100

129 2.9 2.7 4.1

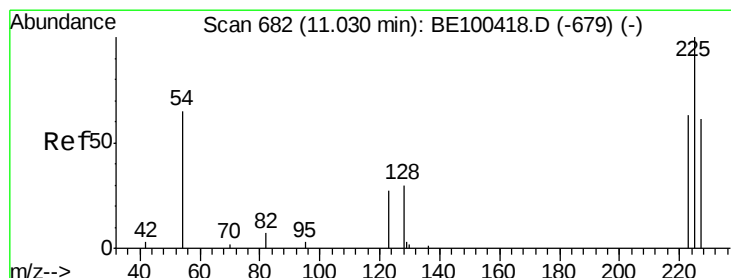
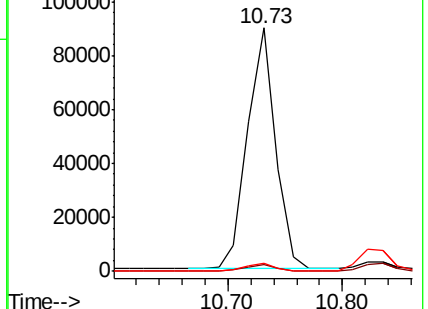
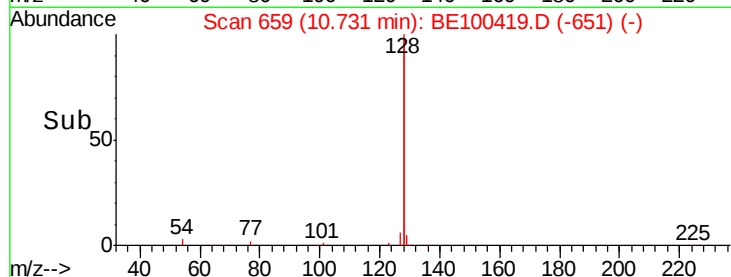
127 3.5 3.0 4.4



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: 0.269 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

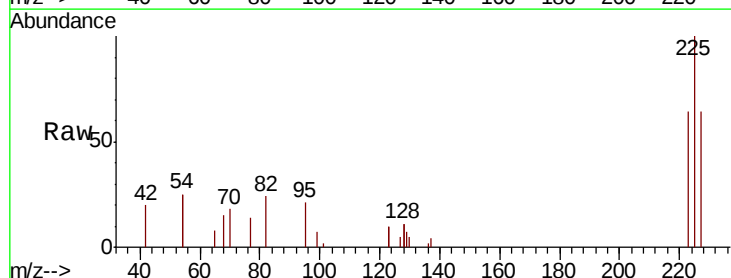
Tgt Ion:225 Resp: 7358

Ion Ratio Lower Upper

225 100

223 63.0 48.2 72.4

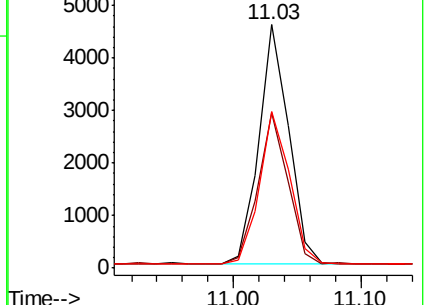
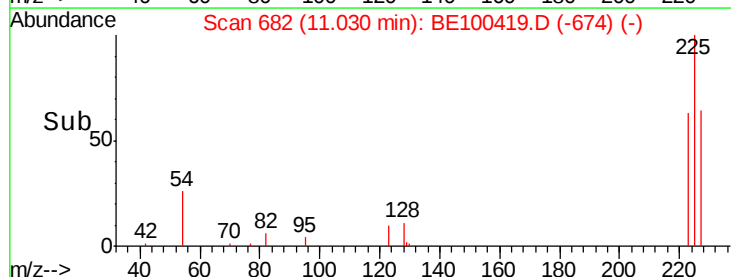
227 64.4 47.8 71.6

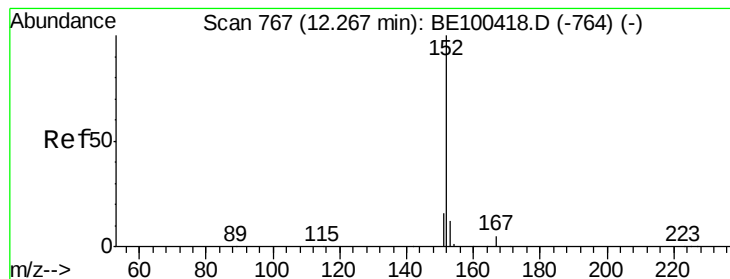


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

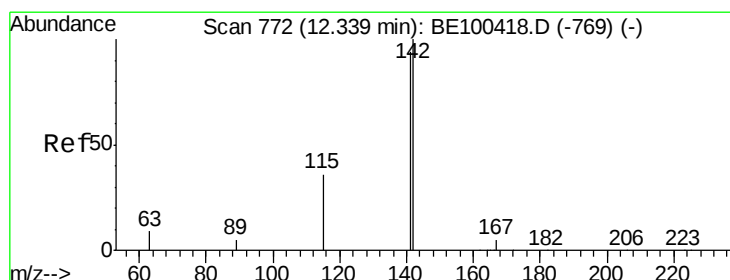
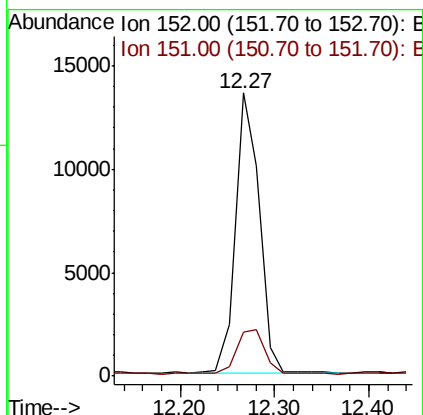
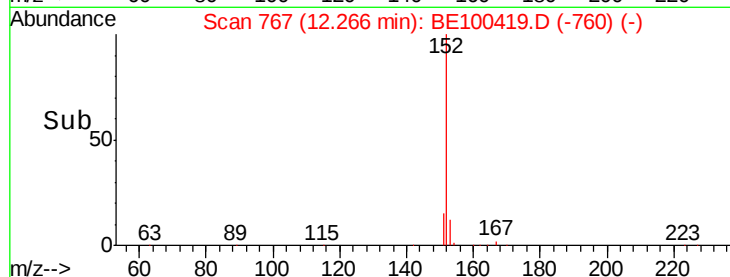
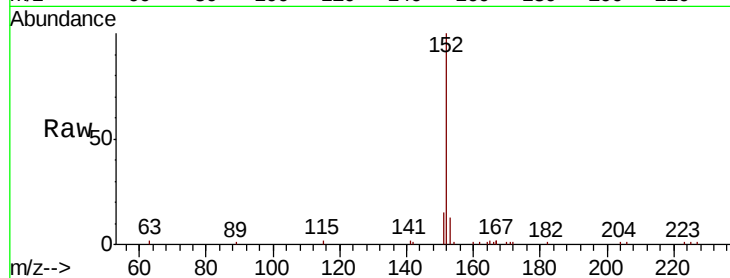




#11
 2-Methylnaphthalene-d10
 Concen: 0.748 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE100419.D
 Acq: 12 Jul 2019 13:37

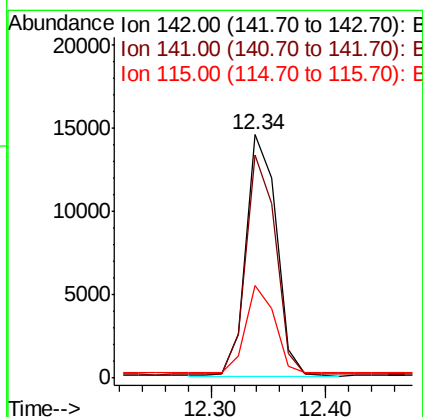
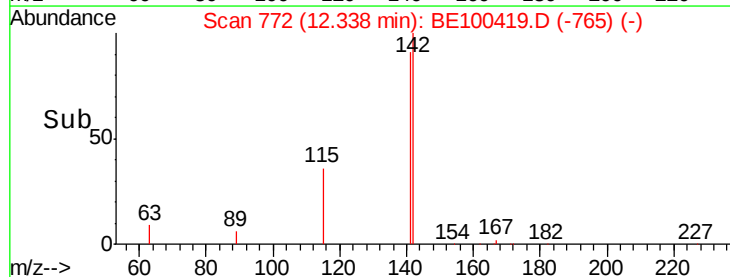
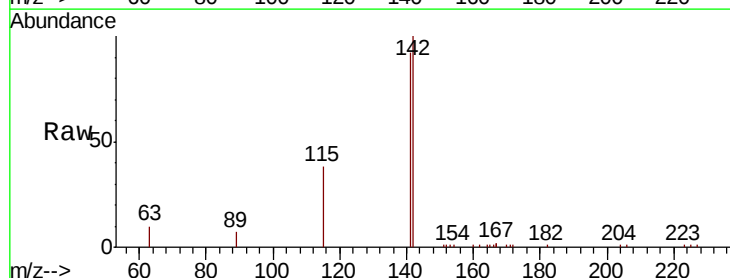
Instrument :
 BNA_E
 ClientSampleId :

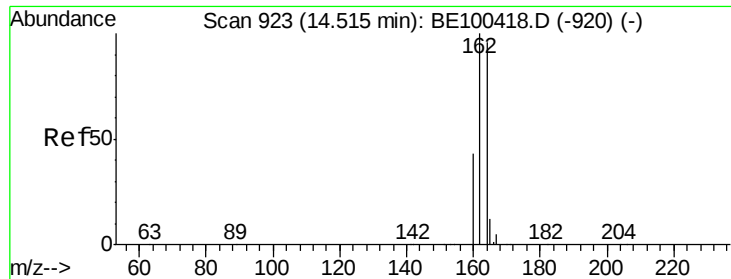
Tot Ion:152 Resp: 23567
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.8 23.6



#12
 2-Methylnaphthalene
 Concen: 0.948 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE100419.D
 Acq: 12 Jul 2019 13:37

Tgt Ion:142 Resp: 26450
 Ion Ratio Lower Upper
 142 100
 141 91.8 76.2 114.2
 115 38.0 32.6 49.0

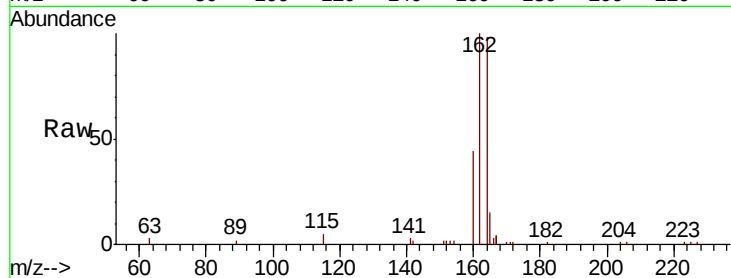




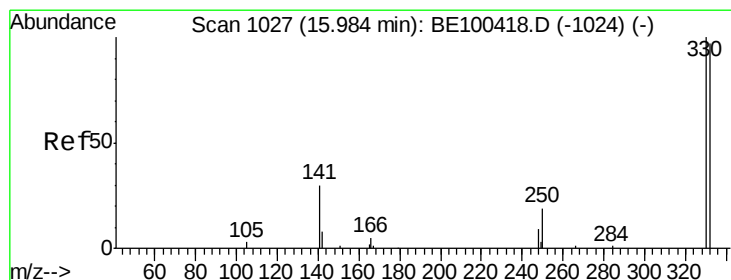
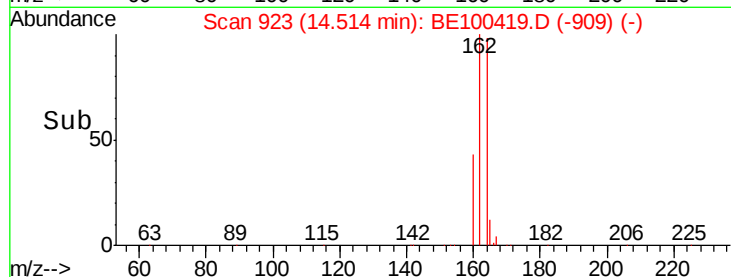
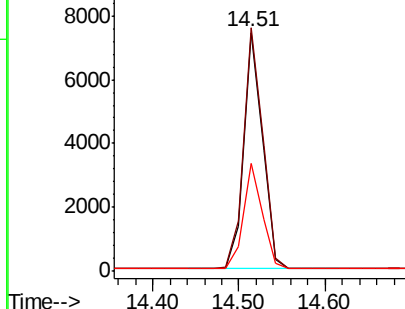
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 11027
Ion Ratio Lower Upper
164 100
162 102.0 83.0 124.4
160 45.2 37.0 55.4

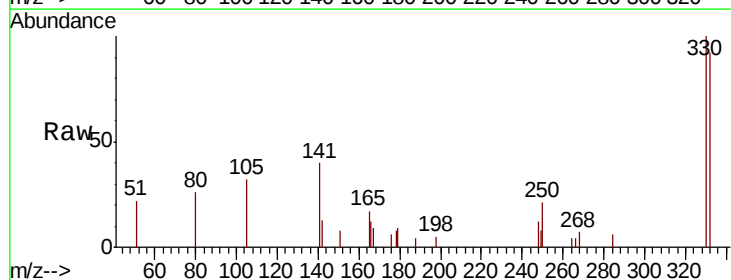


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

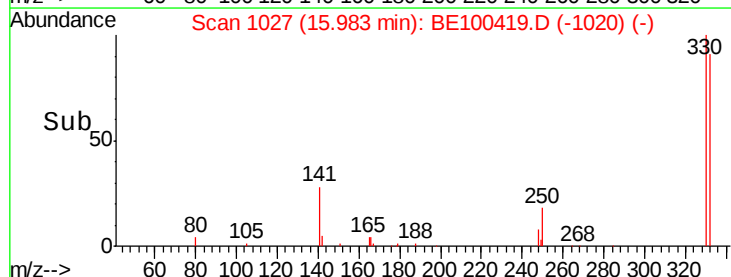
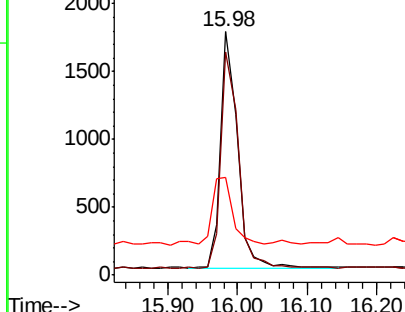


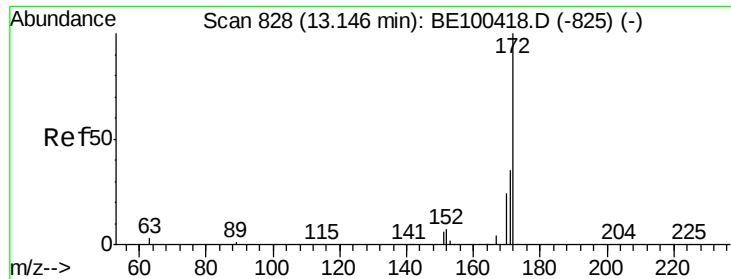
#14
2,4,6-Tribromophenol
Concen: 0.427 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:330 Resp: 2920
Ion Ratio Lower Upper
330 100
332 95.4 82.2 123.2
141 34.0 30.0 45.0



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

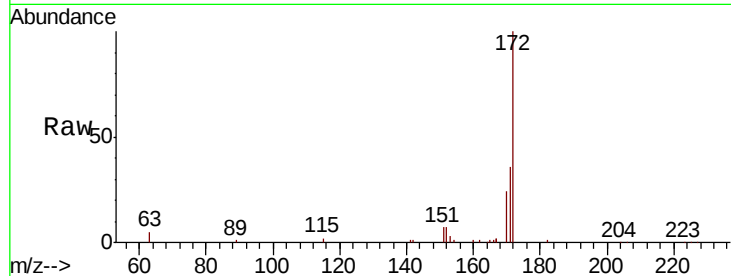




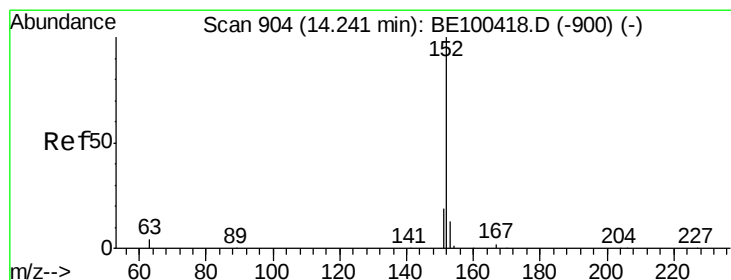
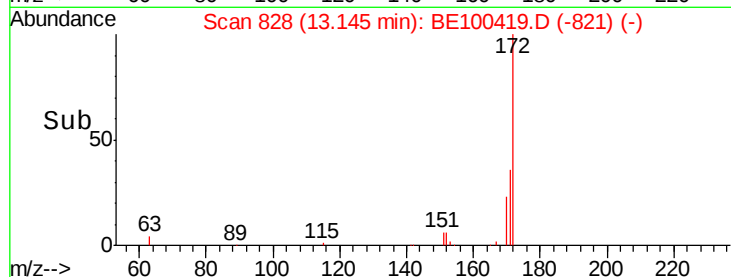
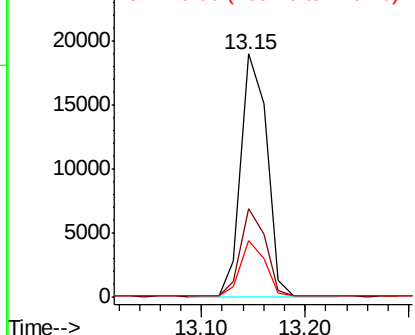
#15
2-Fluorobiphenyl
Concen: 0.680 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 32921
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 23.6 19.7 29.5

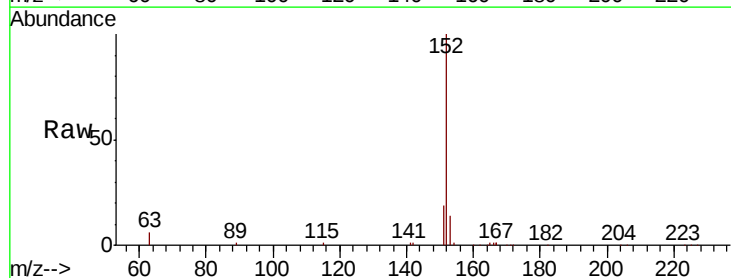


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

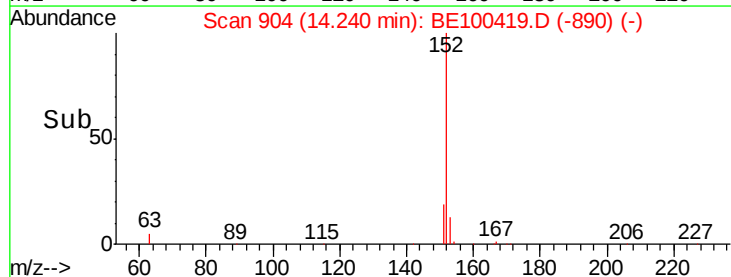
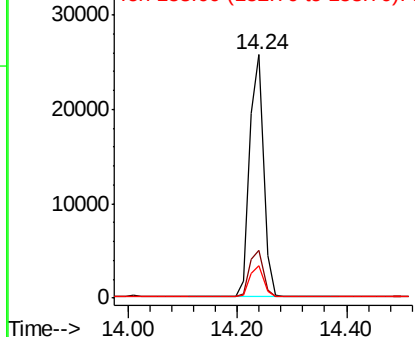


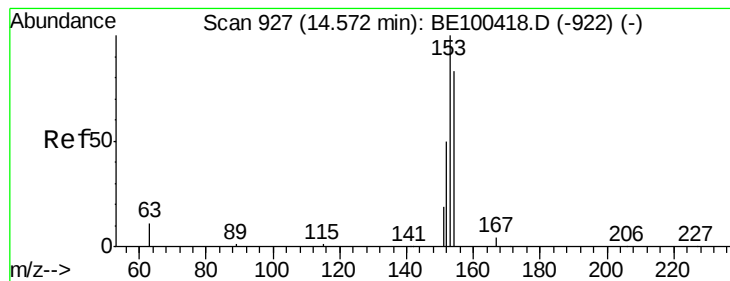
#16
Acenaphthylene
Concen: 0.845 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:152 Resp: 44468
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.1 10.9 16.3



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: 0.869 ng

RT: 14.59 min Scan# 928

Delta R.T. 0.01 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

Instrument :

BNA_E

ClientSampleId :

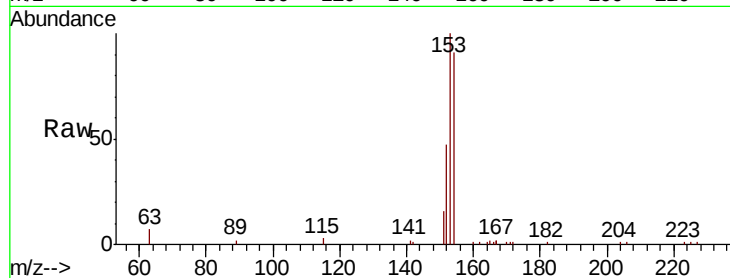
Tot Ion:154 Resp: 26025

Ion Ratio Lower Upper

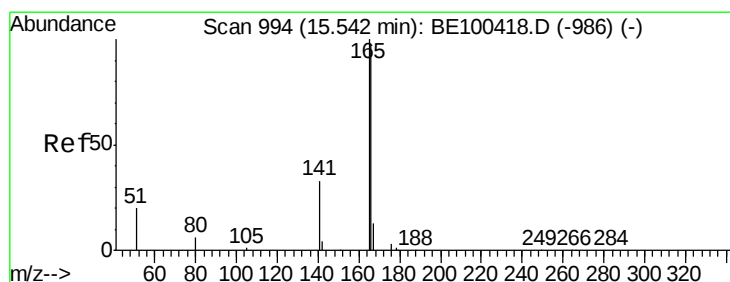
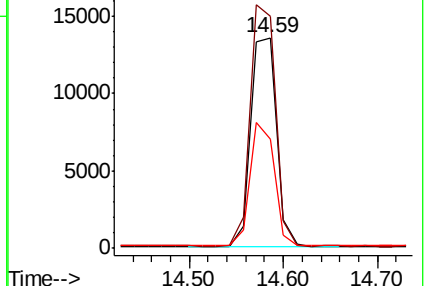
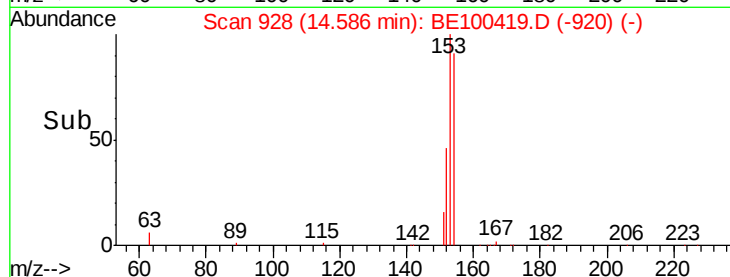
154 100

153 112.8 92.6 138.8

152 55.0 44.5 66.7



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: 0.697 ng

RT: 15.54 min Scan# 994

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

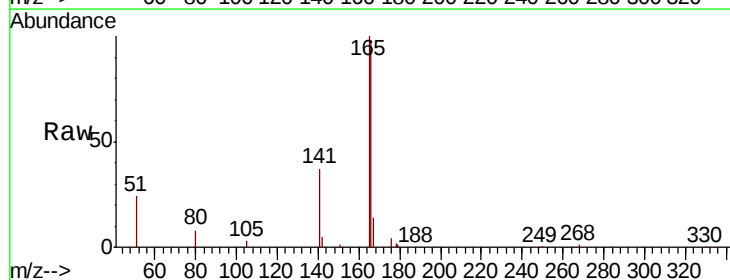
Tgt Ion:166 Resp: 34765

Ion Ratio Lower Upper

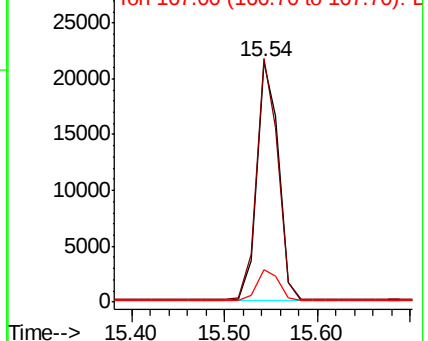
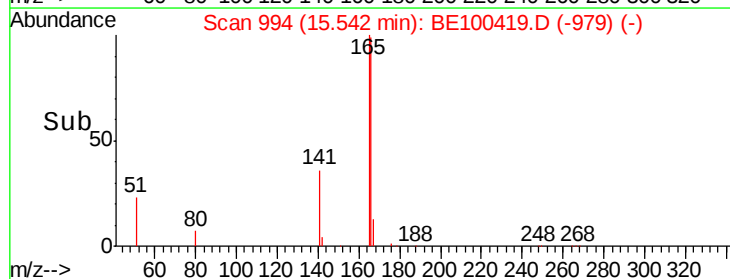
166 100

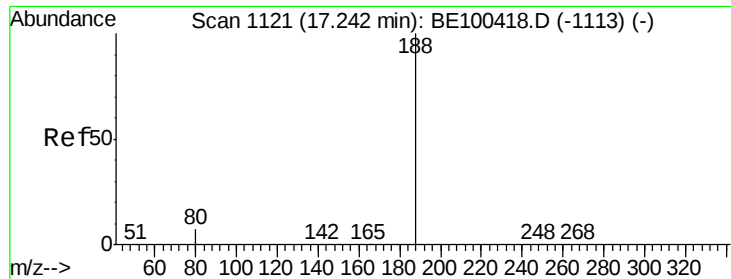
165 98.9 80.0 120.0

167 13.3 11.0 16.4



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

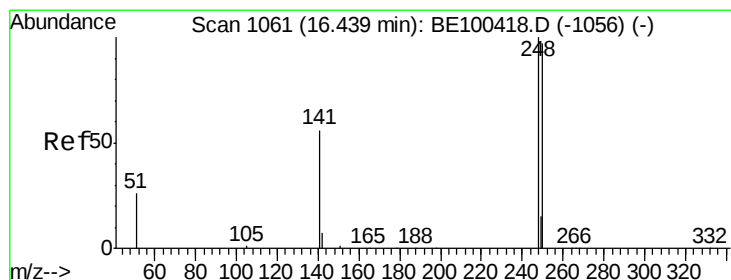
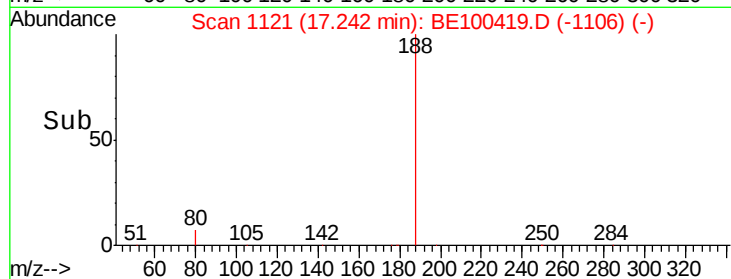
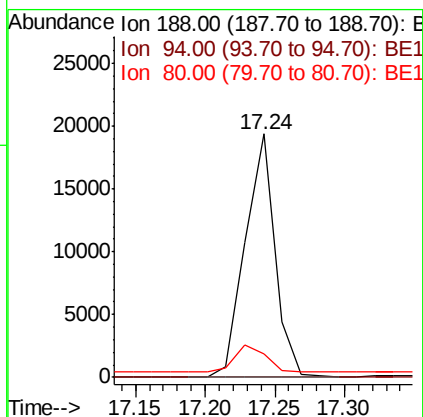
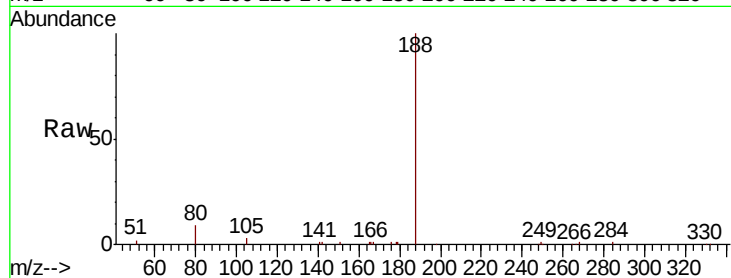




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

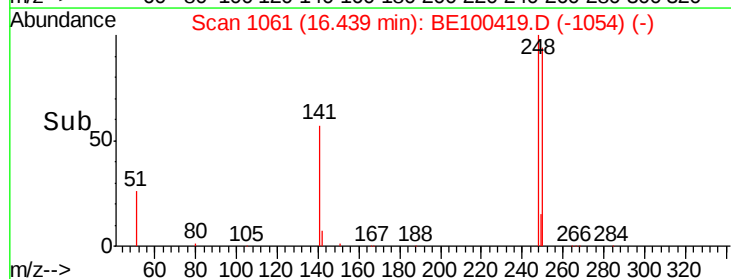
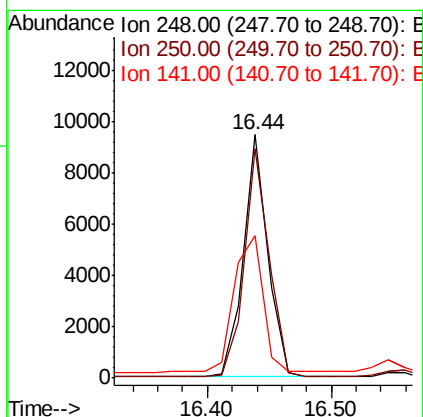
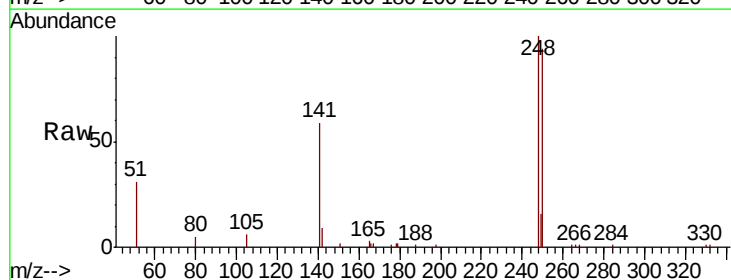
Instrument :
BNA_E
ClientSampled :

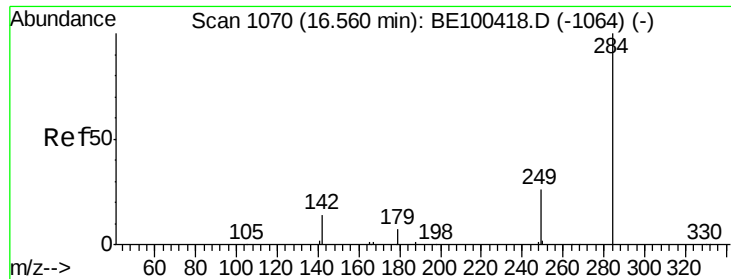
Tot Ion:188 Resp: 28387
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 7.7 11.5



#20
4-Bromophenyl-phenylether
Concen: 0.737 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:248 Resp: 12743
Ion Ratio Lower Upper
248 100
250 94.2 77.8 116.6
141 58.6 49.0 73.6





#21

Hexachlorobenzene

Concen: 0.569 ng

RT: 16.56 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

Instrument :

BNA_E

ClientSampleId :

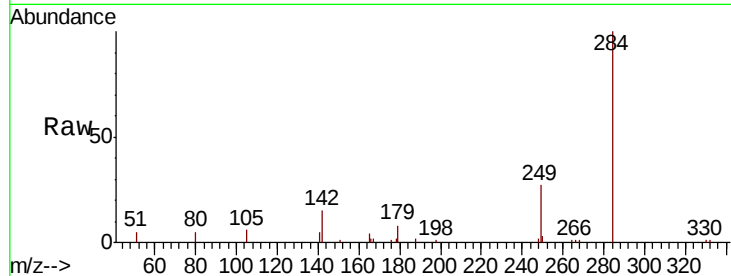
Tot Ion:284 Resp: 13090

Ion Ratio Lower Upper

284 100

142 32.3 26.7 40.1

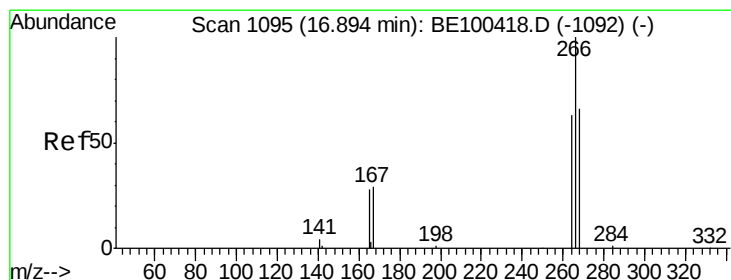
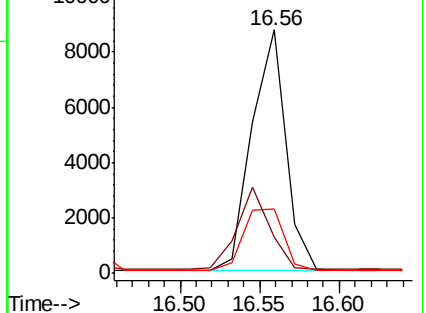
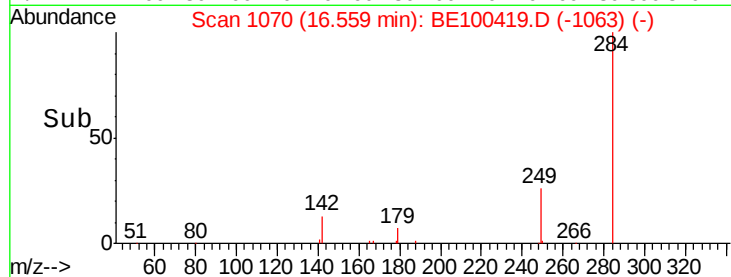
249 30.7 25.6 38.4



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: 1.203 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

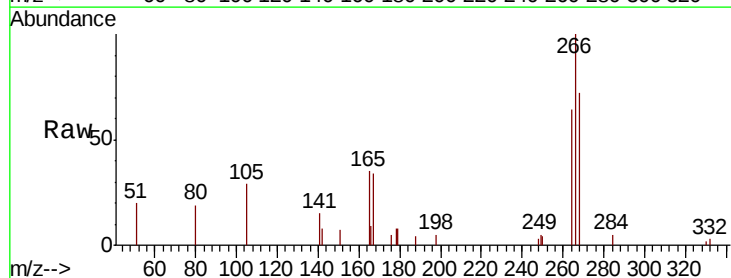
Tgt Ion:266 Resp: 3463

Ion Ratio Lower Upper

266 100

264 63.6 53.3 79.9

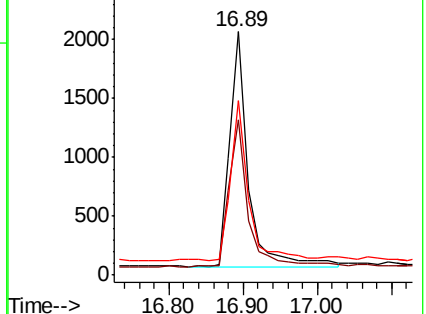
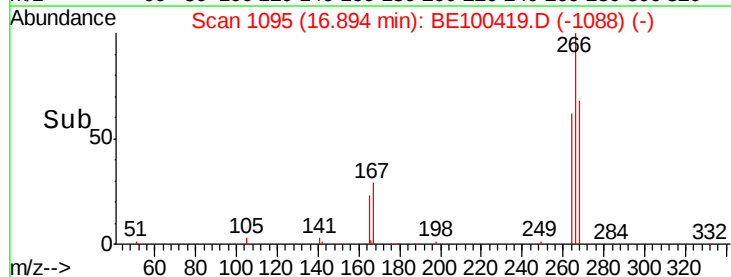
268 71.7 59.1 88.7

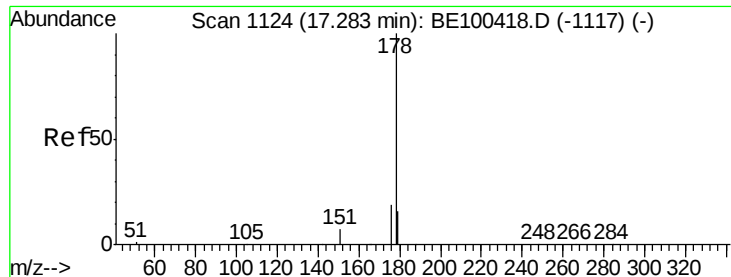


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.906 ng

RT: 17.28 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

Instrument :

BNA_E

ClientSampled :

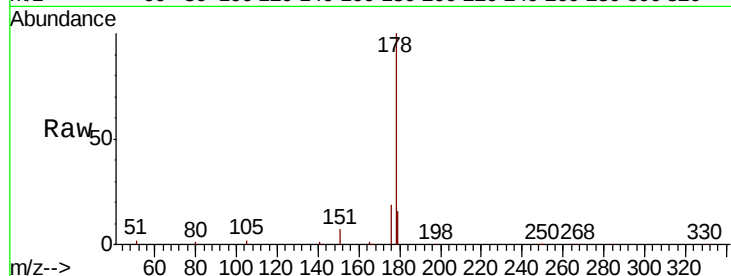
Tot Ion:178 Resp: 61254

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

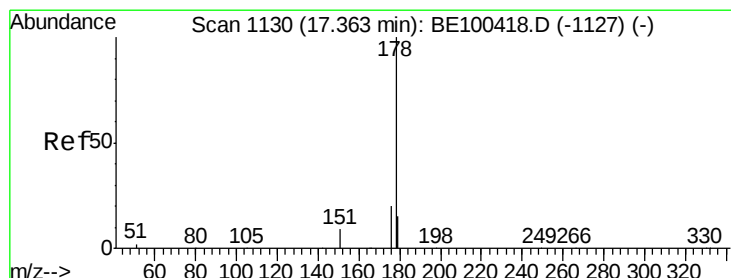
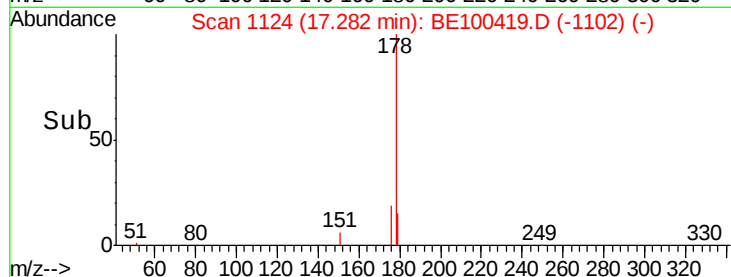
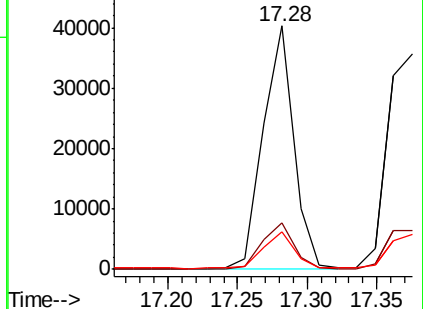
179 15.4 12.6 18.8



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: 1.110 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

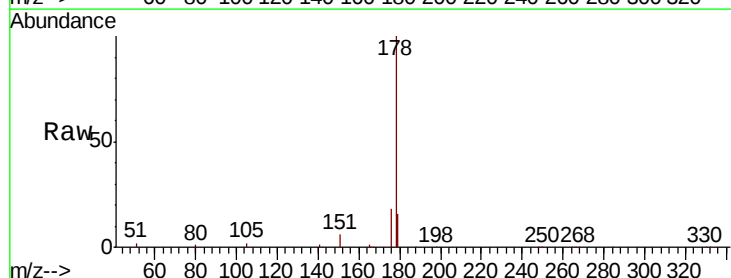
Tgt Ion:178 Resp: 61253

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

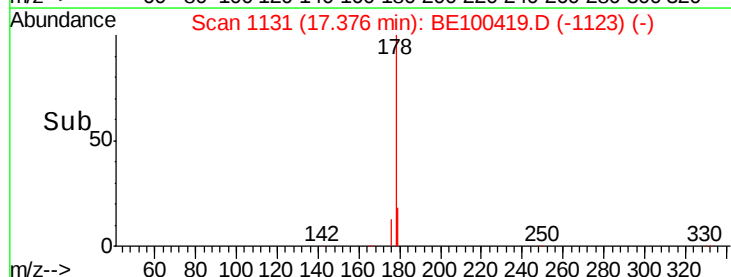
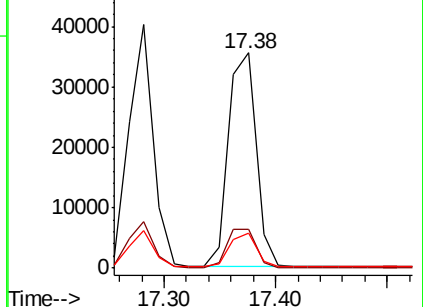
179 15.1 12.6 19.0

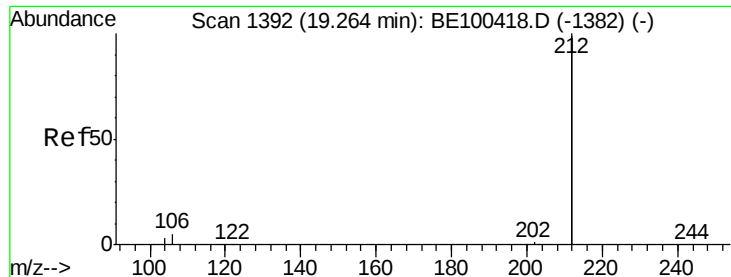


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.696 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

Instrument :

BNA_E

ClientSampleId :

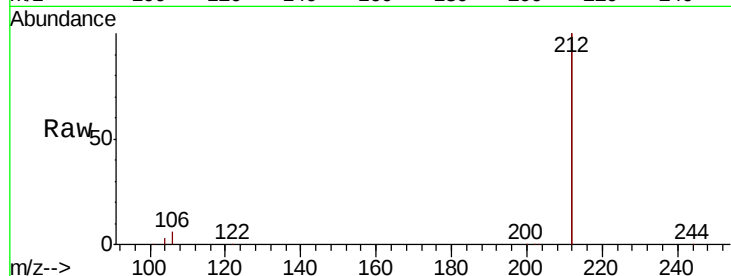
Tot Ion:212 Resp: 325942

Ion Ratio Lower Upper

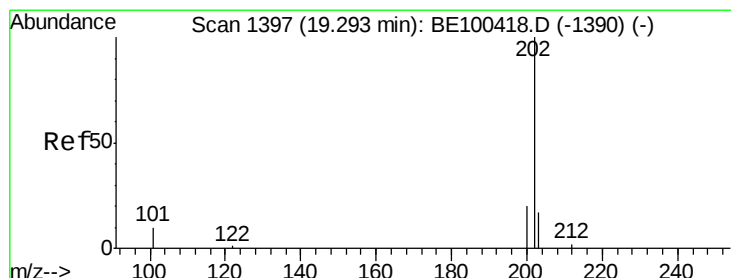
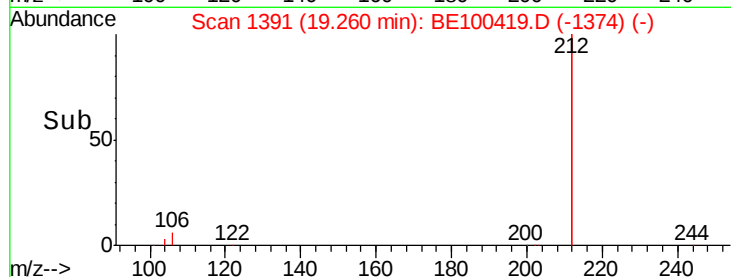
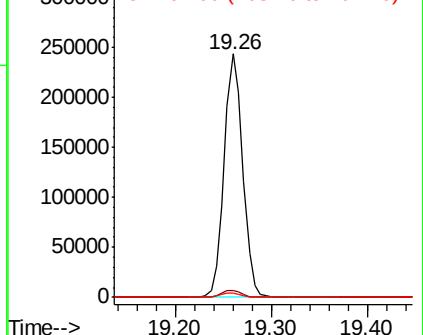
212 100

106 3.1 2.5 3.7

104 1.7 1.4 2.0



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: 0.702 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

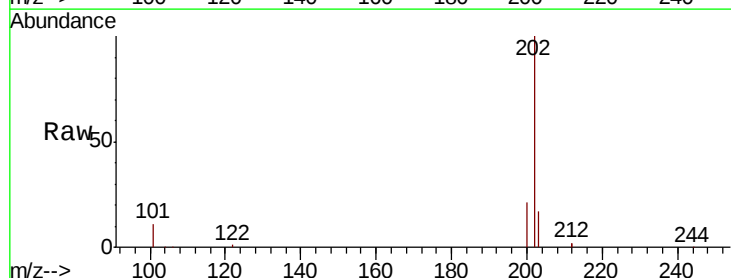
Tgt Ion:202 Resp: 89087

Ion Ratio Lower Upper

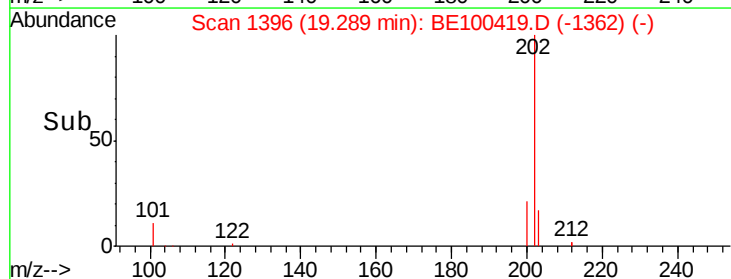
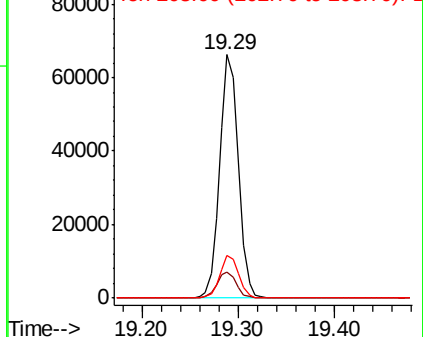
202 100

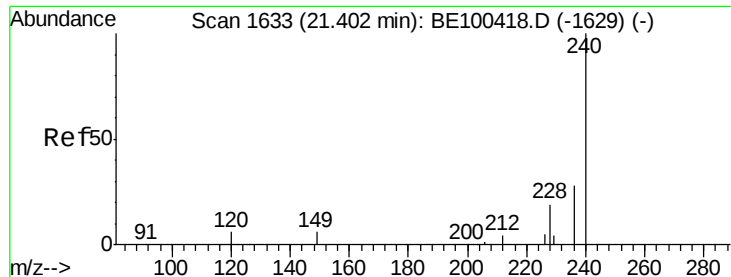
101 11.0 8.9 13.3

203 17.1 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. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

Instrument :

BNA_E

ClientSampleId :

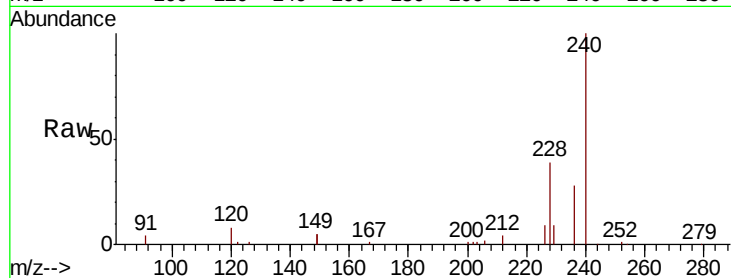
Tot Ion:240 Resp: 38695

Ion Ratio Lower Upper

240 100

120 7.7 6.1 9.1

236 27.7 22.5 33.7

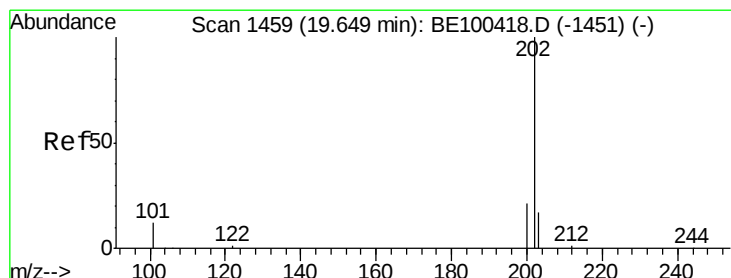
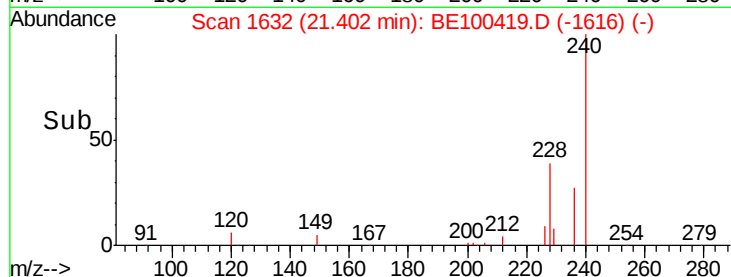
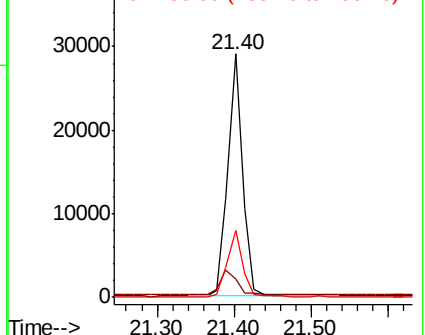


Abundance

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: 1.050 ng

RT: 19.65 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

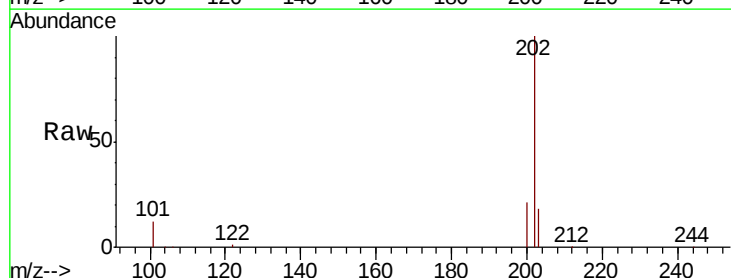
Tgt Ion:202 Resp: 93097

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.4 14.1 21.1

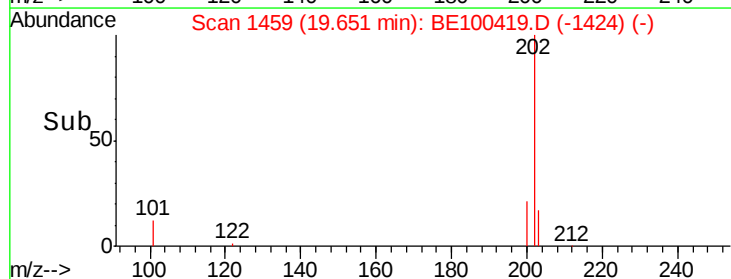
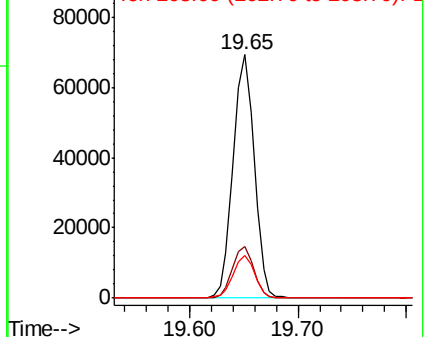


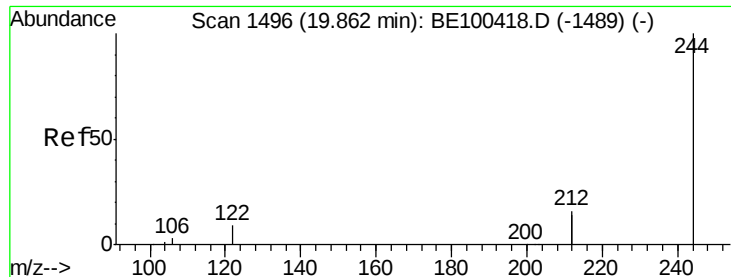
Abundance

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: 0.966 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

Instrument :

BNA_E

ClientSampleId :

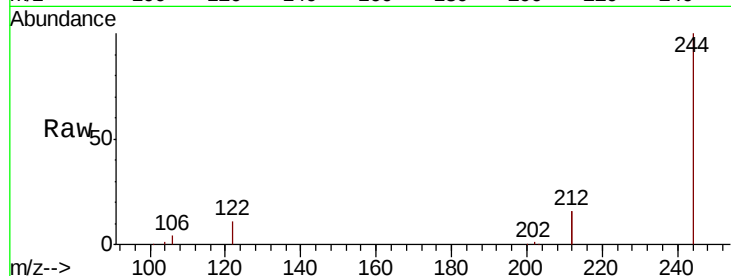
Tot Ion:244 Resp: 69025

Ion Ratio Lower Upper

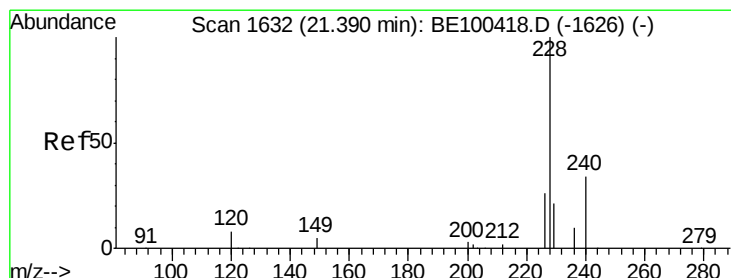
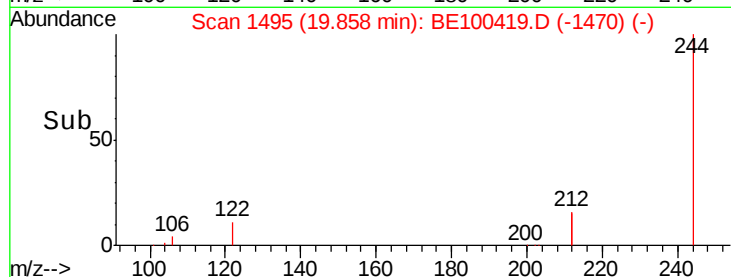
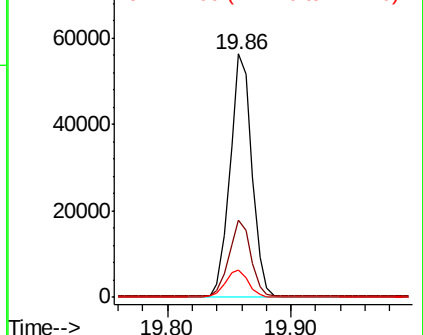
244 100

212 32.0 25.0 37.6

122 11.4 7.7 11.5



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: 0.975 ng

RT: 21.39 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

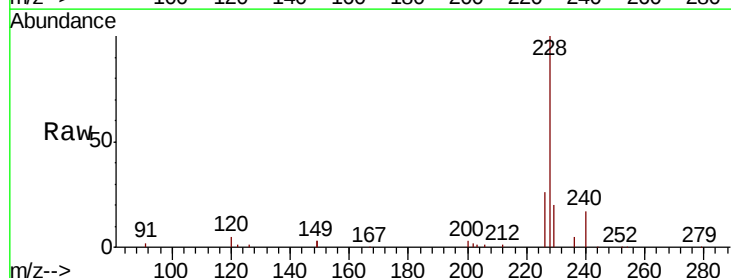
Tgt Ion:228 Resp: 106553

Ion Ratio Lower Upper

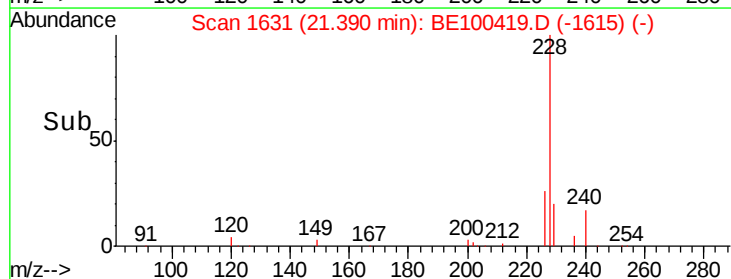
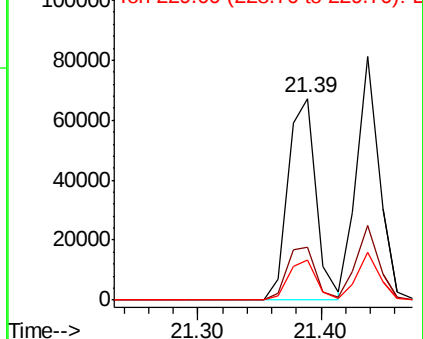
228 100

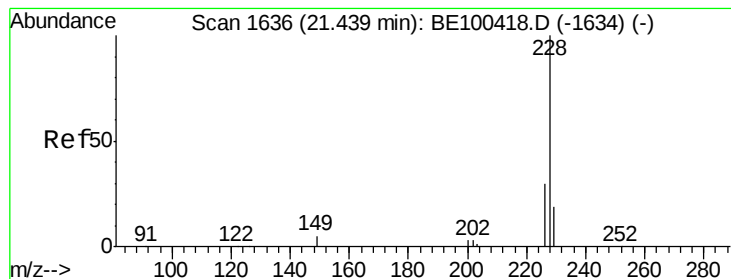
226 26.4 21.0 31.4

229 20.1 16.7 25.1



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: 0.832 ng

RT: 21.44 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

Instrument :

BNA_E

ClientSampleId :

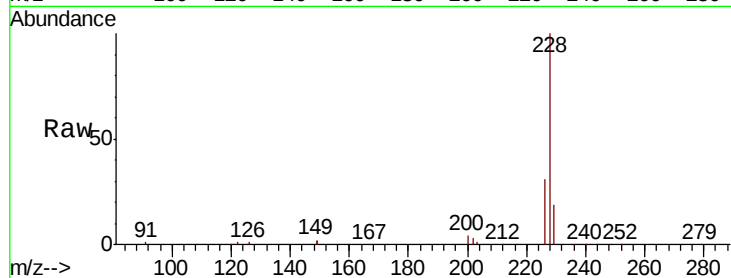
Tot Ion:228 Resp: 103831

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.4

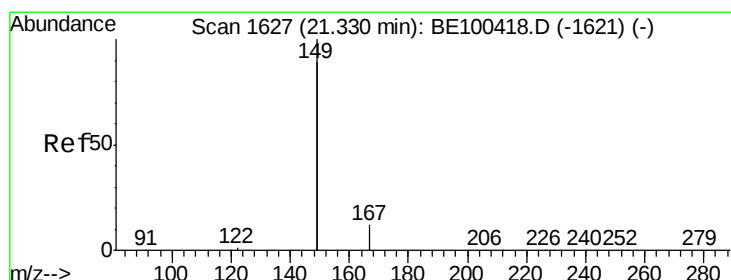
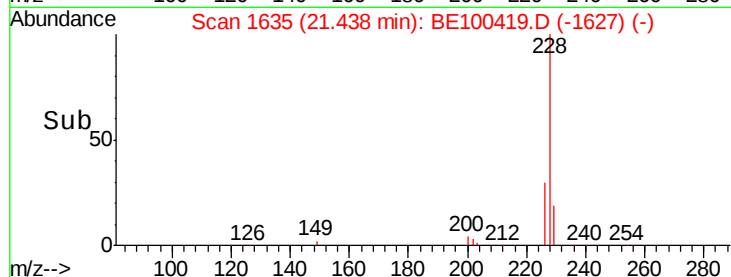
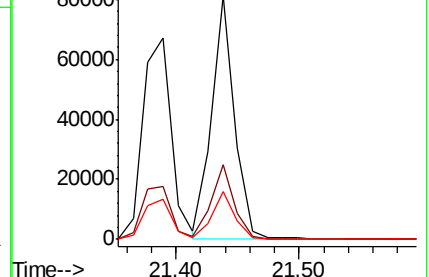
229 19.4 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.607 ng

RT: 21.33 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

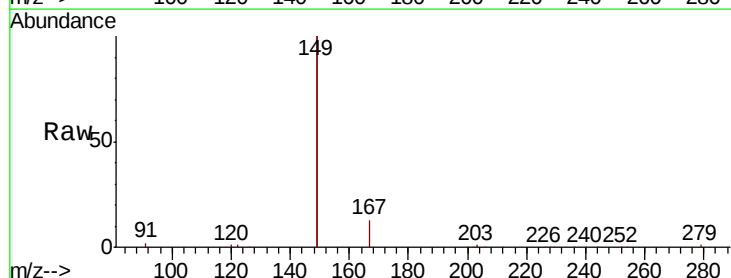
Tgt Ion:149 Resp: 151452

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.2

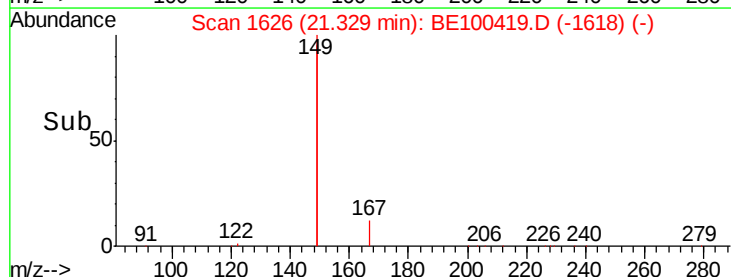
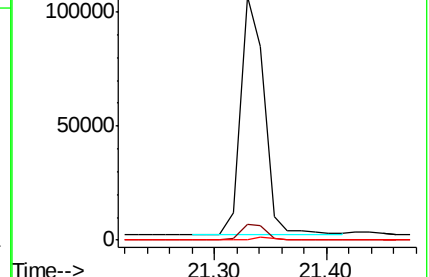
279 0.9 0.8 1.2

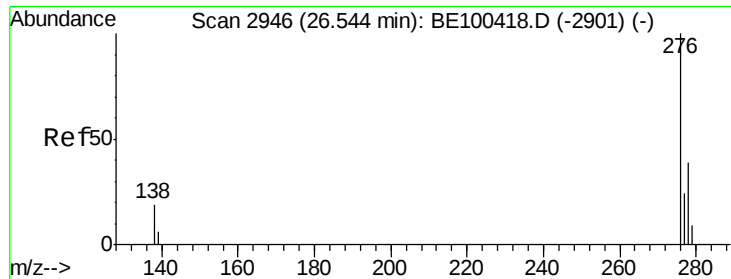


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

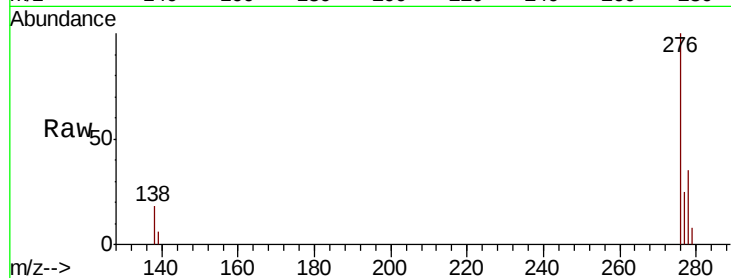




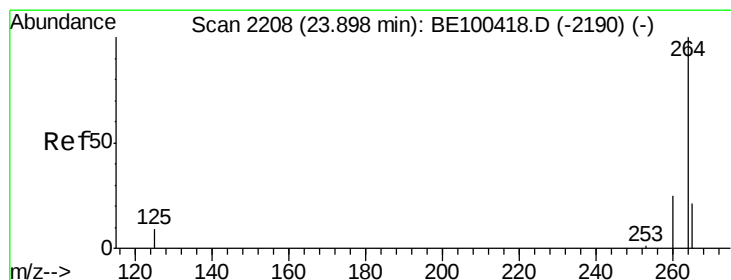
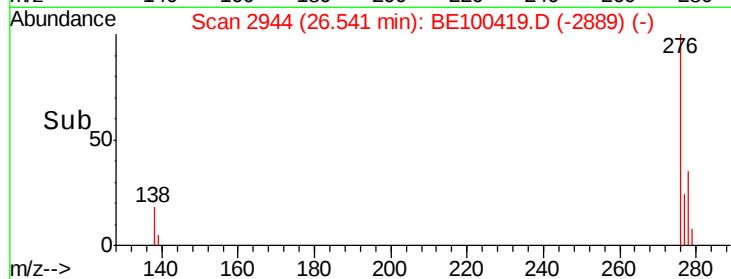
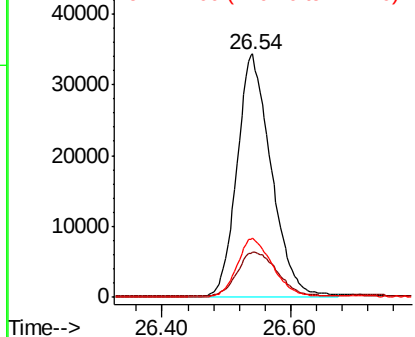
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.726 ng
RT: 26.54 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 126617
Ion Ratio Lower Upper
276 100
138 20.8 0.0 0.0#
277 24.9 0.0 0.0#

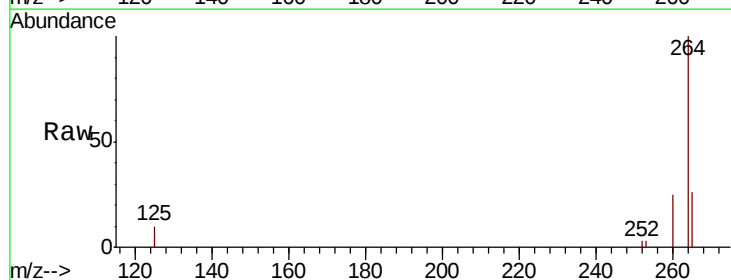


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

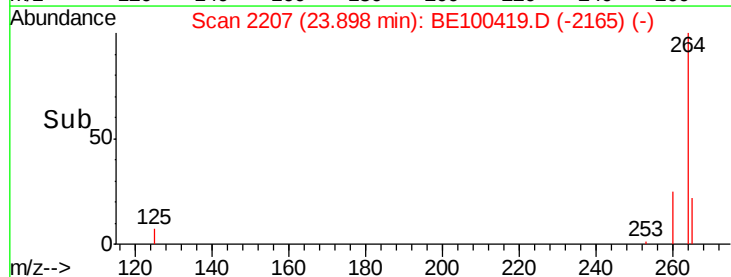
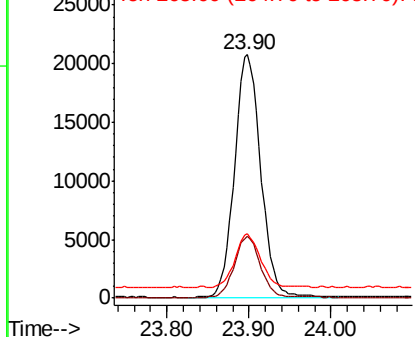


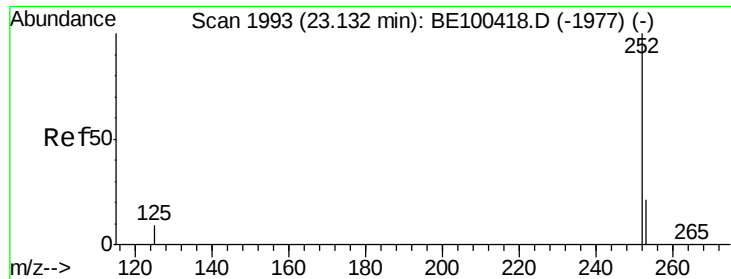
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:264 Resp: 45847
Ion Ratio Lower Upper
264 100
260 25.2 20.0 30.0
265 26.3 20.8 31.2



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: 0.920 ng

RT: 23.13 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

Instrument :

BNA_E

ClientSampleId :

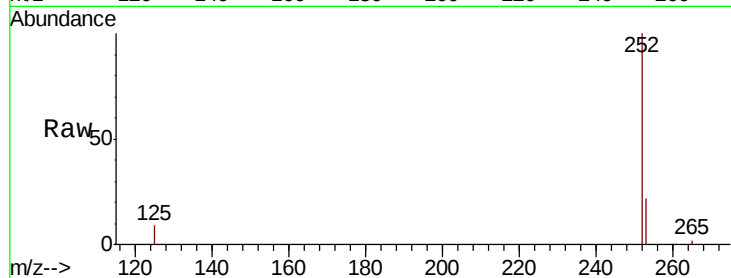
Tot Ion:252 Resp: 112509

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 9.4 8.5 12.7

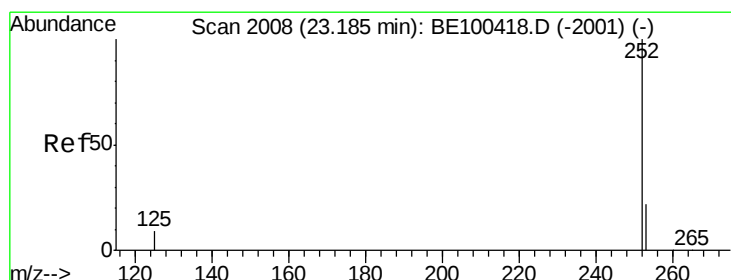
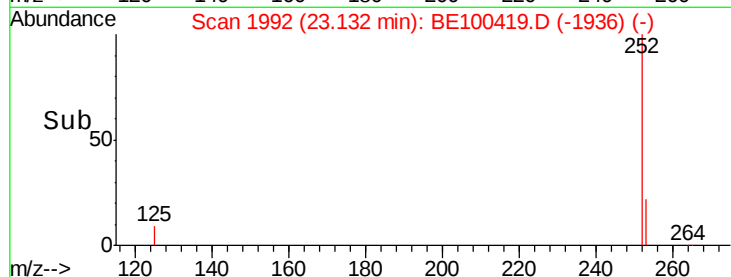
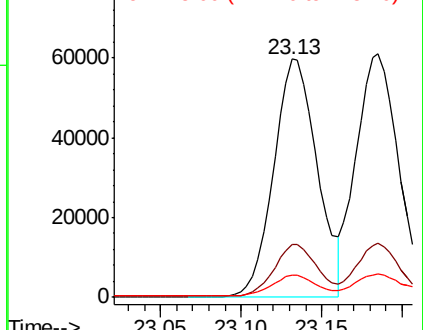


Abundance

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: 0.746 ng

RT: 23.19 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

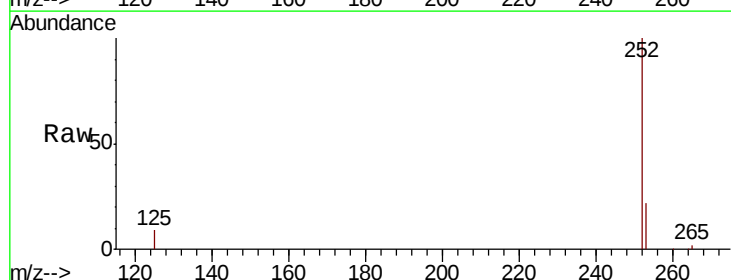
Tgt Ion:252 Resp: 113040

Ion Ratio Lower Upper

252 100

253 22.3 18.5 27.7

125 9.4 8.5 12.7

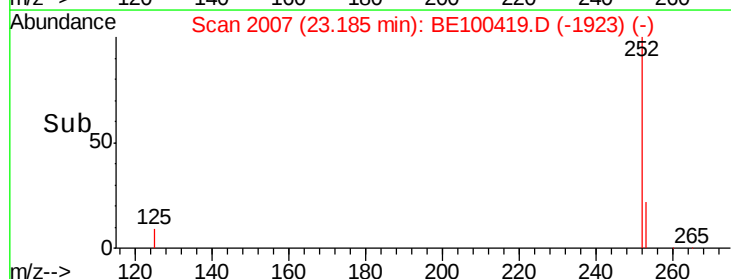
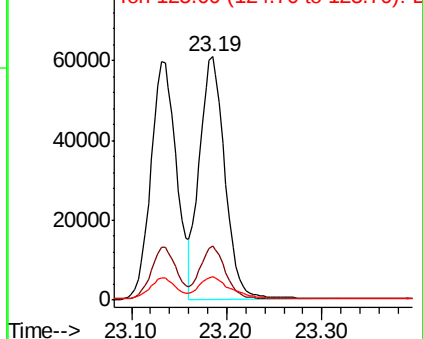


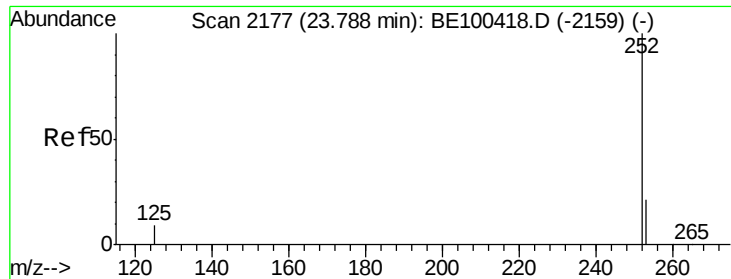
Abundance

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: 0.817 ng

RT: 23.78 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

Instrument :

BNA_E

ClientSampleId :

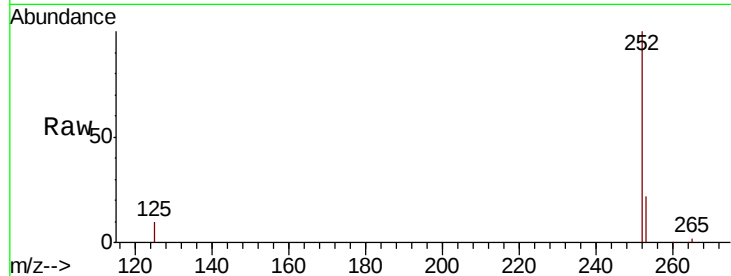
Tot Ion:252 Resp: 105217

Ion Ratio Lower Upper

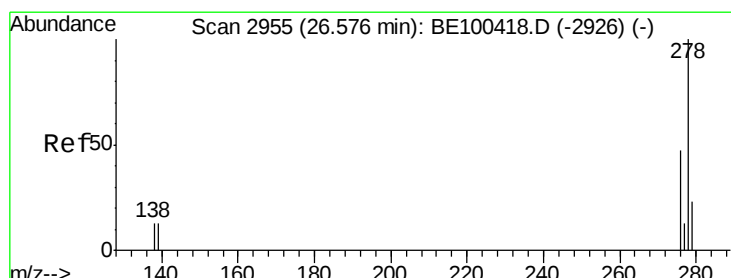
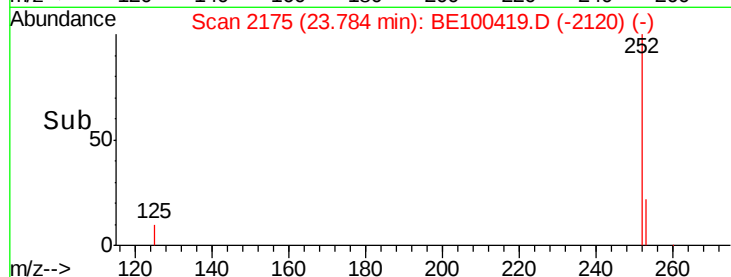
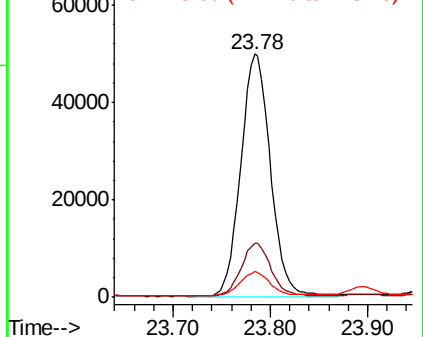
252 100

253 22.4 18.2 27.4

125 10.5 9.0 13.6



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



#38

Dibenzo(a,h)anthracene

Concen: 0.822 ng

RT: 26.57 min Scan# 2953

Delta R.T. -0.00 min

Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

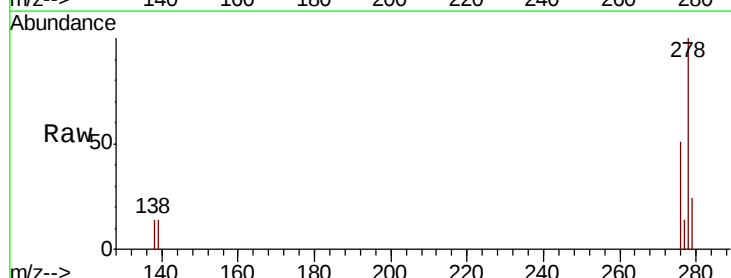
Tgt Ion:278 Resp: 104288

Ion Ratio Lower Upper

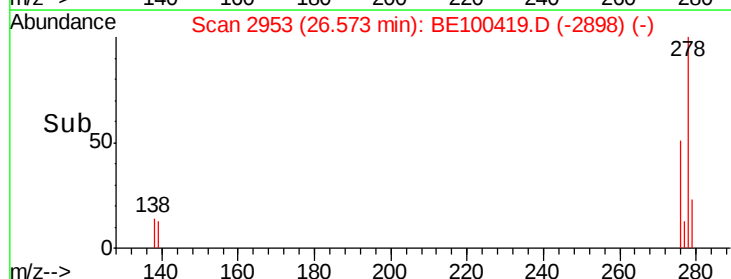
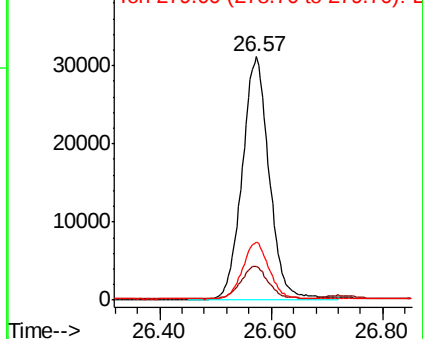
278 100

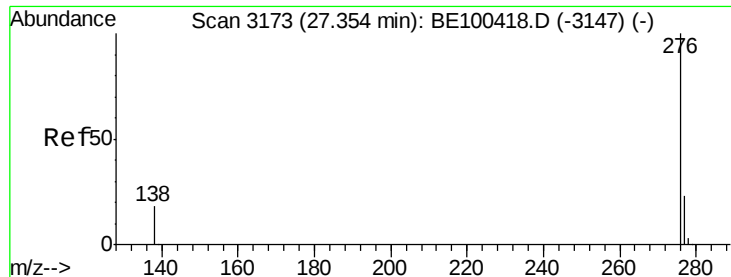
139 13.7 11.6 17.4

279 23.8 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.691 ng

RT: 27.35 min Scan# 3171

Delta R.T. -0.00 min

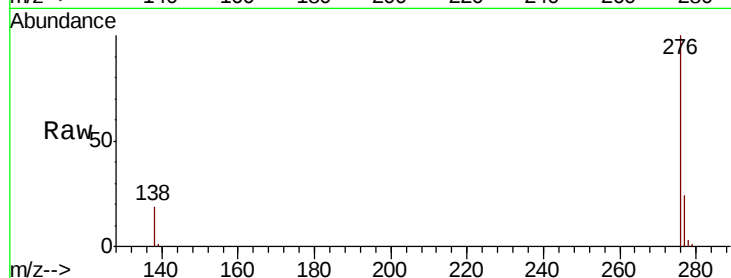
Lab File: BE100419.D

Acq: 12 Jul 2019 13:37

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 104409

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 18.8 15.7 23.5

