

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
 Data File : BE100437.D
 Acq On : 16 Jul 2019 9:08
 Operator : HP/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jul 16 12:58:31 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 12:52:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	4364	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	17657	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	8981	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	23668	0.40	ng	0.00
27) Chrysene-d12	21.39	240	25592	0.40	ng	0.00
34) Perylene-d12	23.89	264	24203	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1650	0.19	ng	0.00
5) Phenol-d6	7.04	99	2490	0.19	ng	0.00
8) Nitrobenzene-d5	9.03	82	1776	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	5127	0.13	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	328	0.14	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	8442	0.21	ng	0.00
25) Fluoranthene-d10	19.25	212	54166	0.13	ng	0.00
29) Terphenyl-d14	19.85	244	12676	0.20	ng	0.00

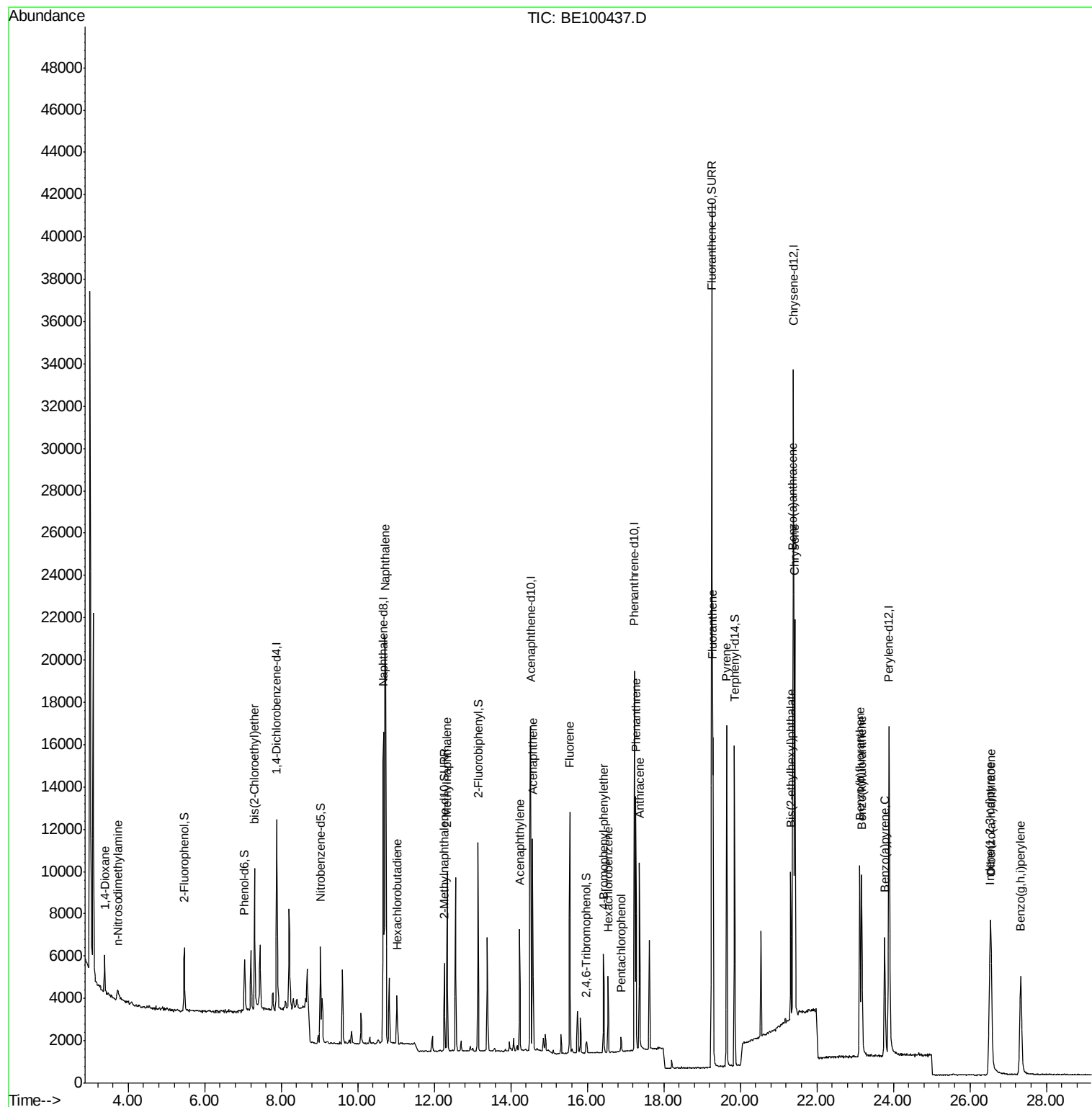
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	1115	0.177	ng	# 80
3) n-Nitrosodimethylamine	3.73	42	596	0.155	ng	# 85
6) bis(2-Chloroethyl)ether	7.31	93	2521	0.203	ng	99
9) Naphthalene	10.72	128	33940	0.197	ng	100
10) Hexachlorobutadiene	11.03	225	1667	0.203	ng	99
12) 2-Methylnaphthalene	12.34	142	5620	0.194	ng	98
16) Acenaphthylene	14.23	152	6691	0.180	ng	99
17) Acenaphthene	14.57	154	4817	0.190	ng	99
18) Fluorene	15.54	166	5999	0.184	ng	97
20) 4-Bromophenyl-phenylether	16.43	248	2210	0.183	ng	97
21) Hexachlorobenzene	16.55	284	2686	0.194	ng	96
22) Pentachlorophenol	16.88	266	422	0.155	ng	97
23) Phenanthrene	17.27	178	12087	0.197	ng	100
24) Anthracene	17.36	178	9263	0.178	ng	99
26) Fluoranthene	19.28	202	14832	0.186	ng	99
28) Pyrene	19.64	202	14687	0.196	ng	100
30) Benzo(a)anthracene	21.38	228	12484	0.178	ng	99
31) Chrysene	21.43	228	16736	0.203	ng	100
32) Bis(2-ethylhexyl)phthalate	21.32	149	8624	0.161	ng	99
33) Indeno(1,2,3-cd)pyrene	26.52	276	13198	0.177	ng	100
35) Benzo(b)fluoranthene	23.13	252	13304	0.175	ng	98
36) Benzo(k)fluoranthene	23.17	252	14166	0.178	ng	97
37) Benzo(a)pyrene	23.77	252	10299	0.162	ng	96
38) Dibenzo(a,h)anthracene	26.55	278	10835	0.163	ng	98
39) Benzo(g,h,i)perylene	27.33	276	12237	0.177	ng	97

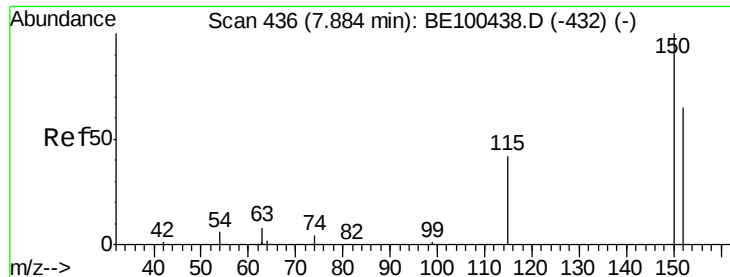
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
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QLast Update : Tue Jul 16 12:52:21 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. -0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

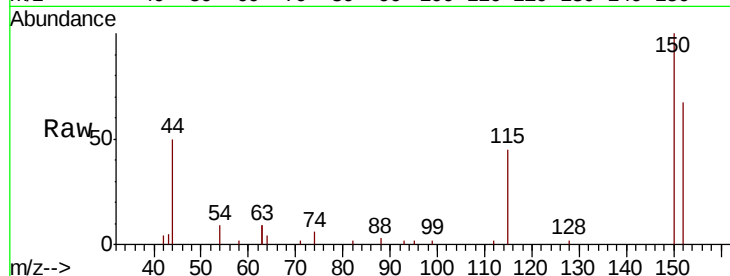
Tot Ion:152 Resp: 4364

Ion Ratio Lower Upper

152 100

150 150.3 121.7 182.5

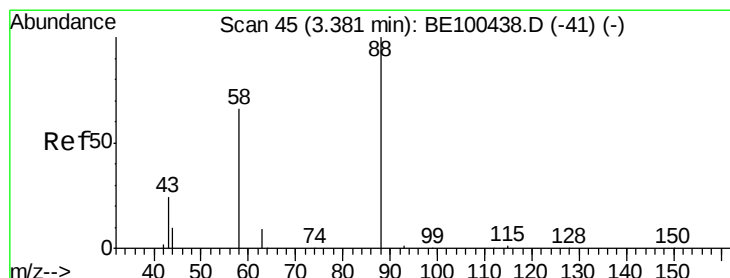
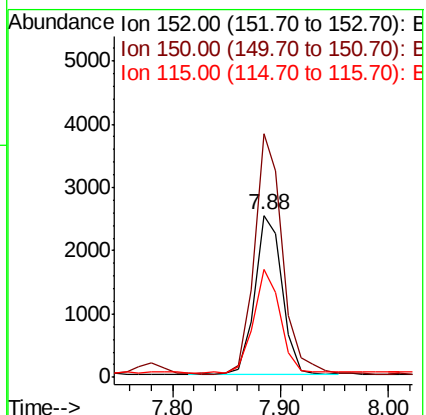
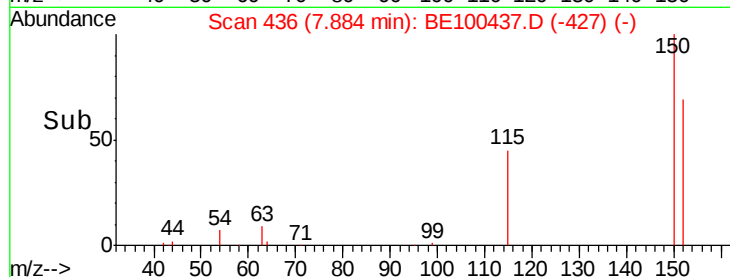
115 67.0 52.4 78.6



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: 0.177 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

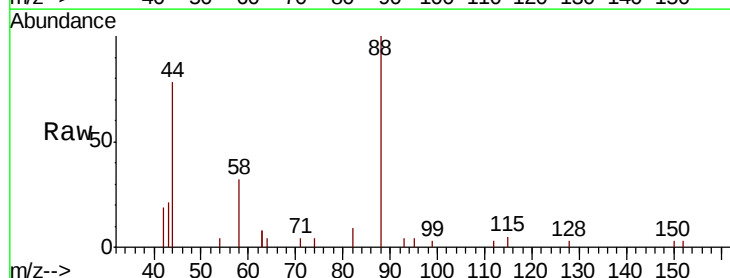
Tgt Ion: 88 Resp: 1115

Ion Ratio Lower Upper

88 100

58 89.8 57.8 86.8#

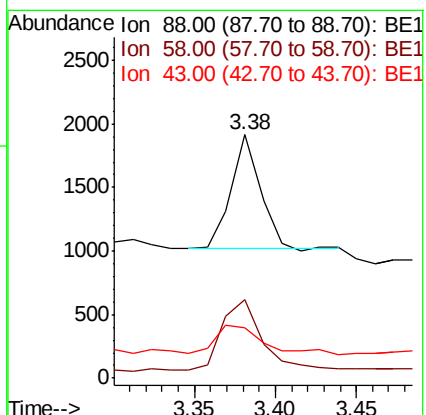
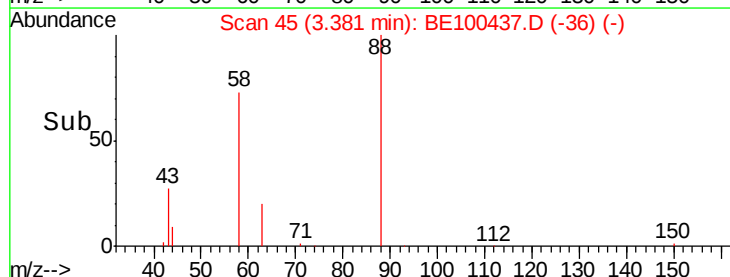
43 42.0 25.0 37.6#

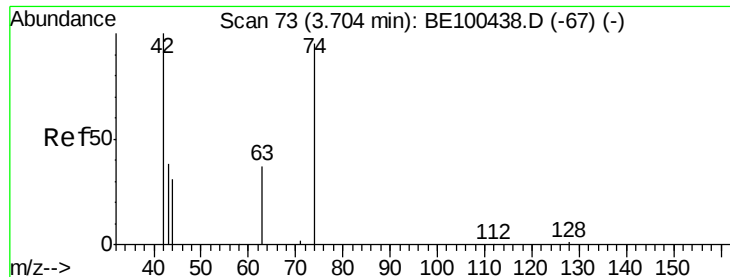


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.155 ng

RT: 3.73 min Scan# 75

Delta R.T. 0.02 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

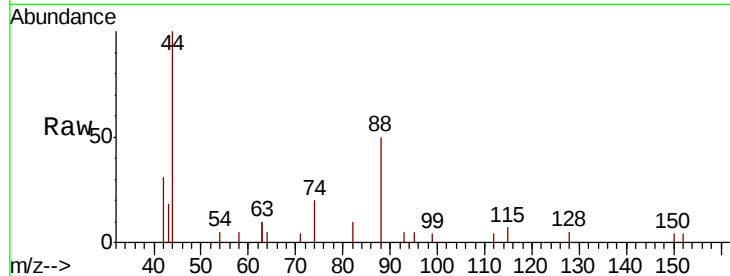
Tot Ion: 42 Resp: 596

Ion Ratio Lower Upper

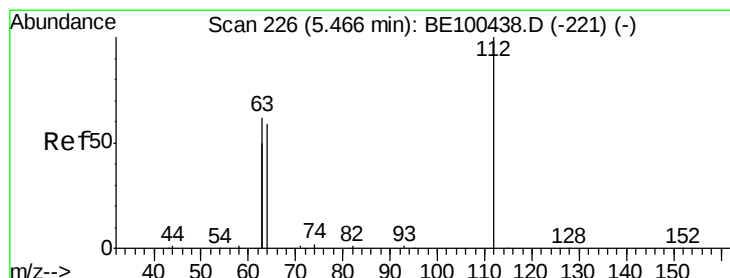
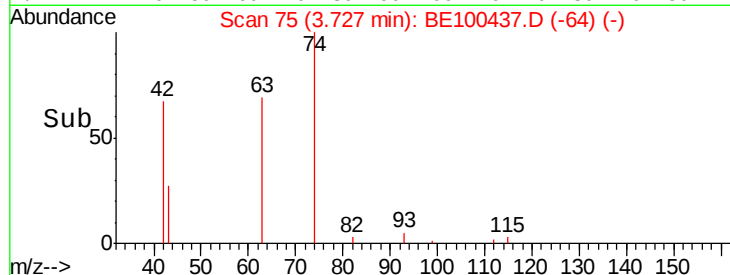
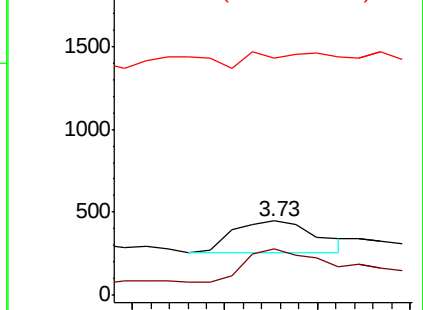
42 100

74 96.8 85.3 127.9

44 46.3 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: 0.186 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

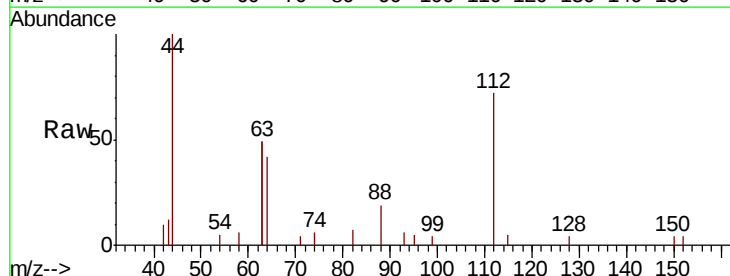
Tgt Ion: 112 Resp: 1650

Ion Ratio Lower Upper

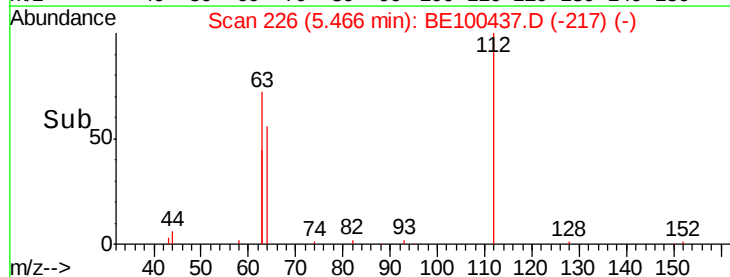
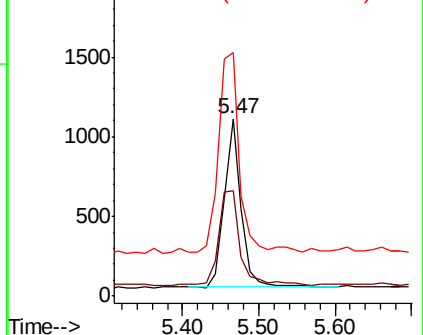
112 100

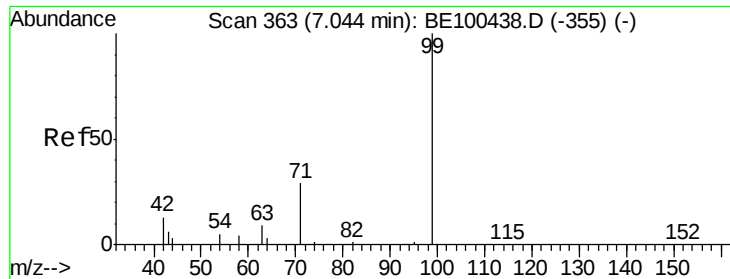
64 73.3 55.0 82.4

63 143.5 114.8 172.2



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: 0.195 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

Instrument :

BNA_E

ClientSampled :

SSTDIC0.2

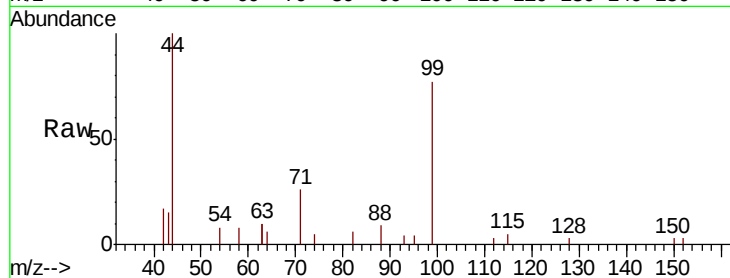
Tot Ion: 99 Resp: 2490

Ion Ratio Lower Upper

99 100

42 21.8 17.4 26.2

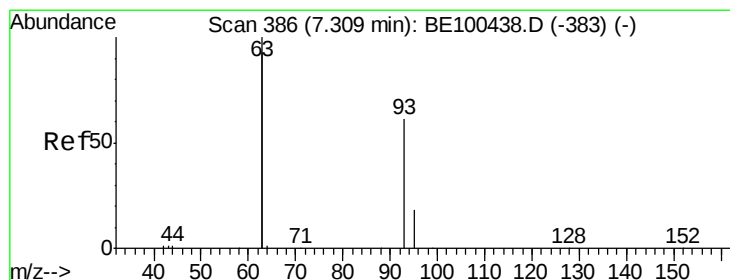
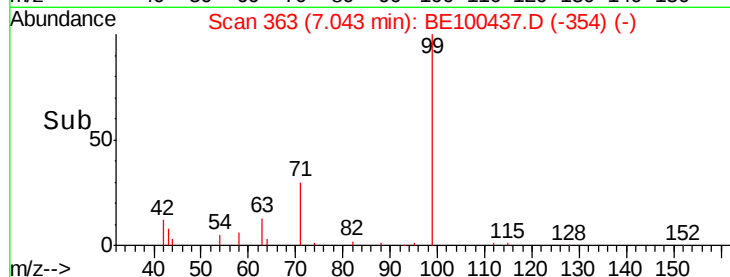
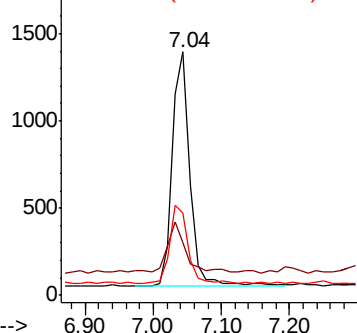
71 35.1 28.2 42.4



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: 0.203 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

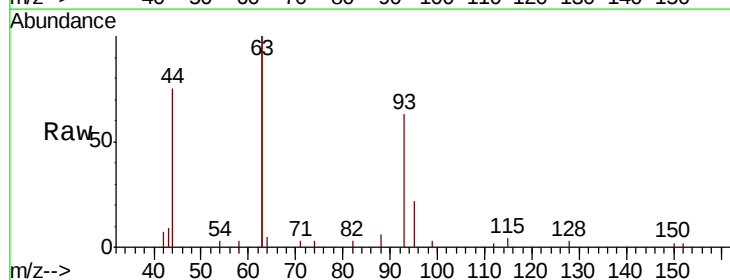
Tgt Ion: 93 Resp: 2521

Ion Ratio Lower Upper

93 100

63 332.6 266.9 400.3

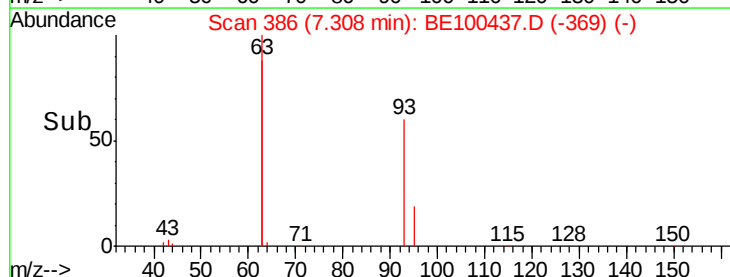
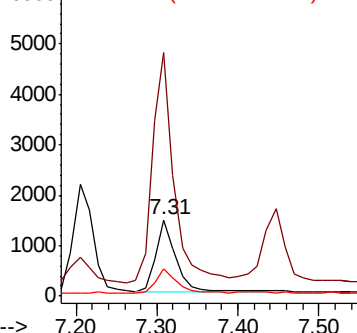
95 34.2 26.8 40.2

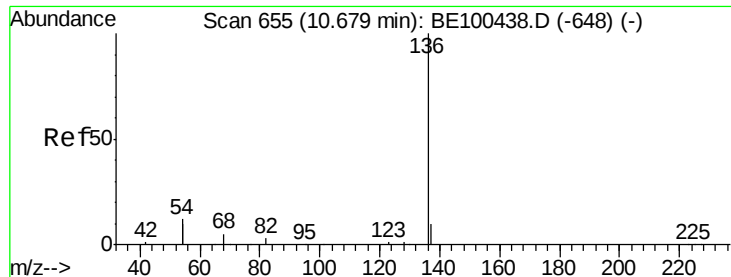


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: BE100437.D

Acq: 16 Jul 2019 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 17657

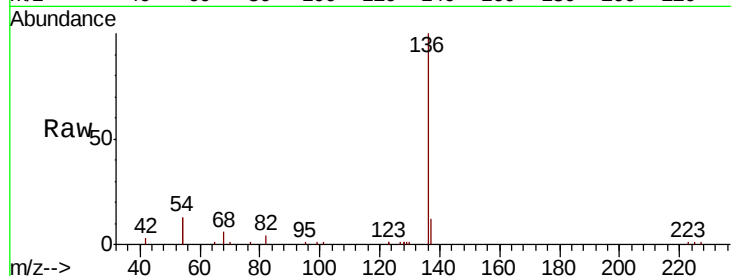
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 25.4 19.6 29.4

68 5.9 4.4 6.6

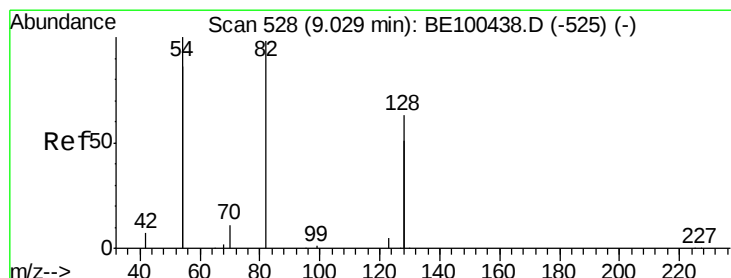
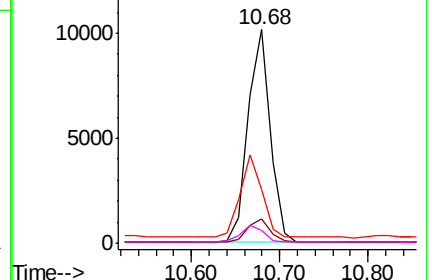
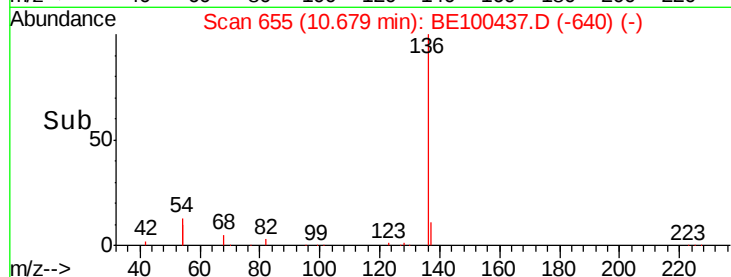


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.197 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

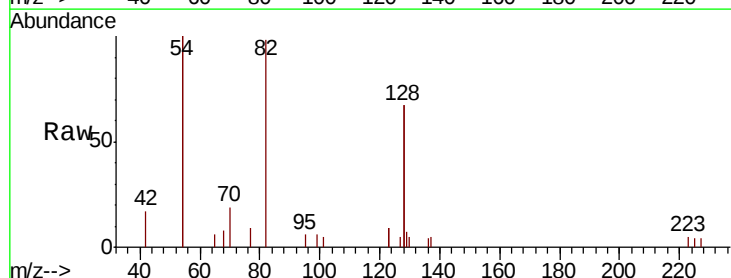
Tgt Ion: 82 Resp: 1776

Ion Ratio Lower Upper

82 100

128 136.3 97.9 146.9

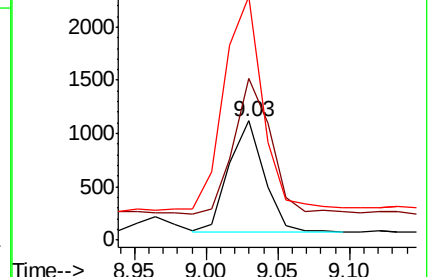
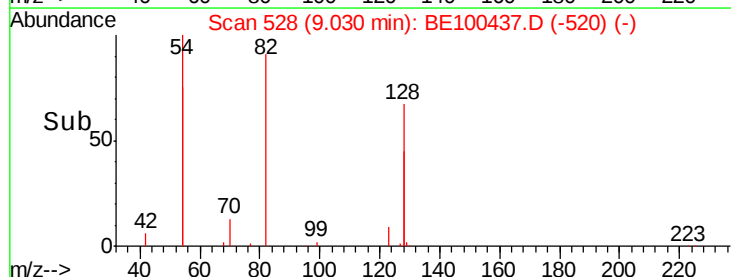
54 204.7 155.0 232.6

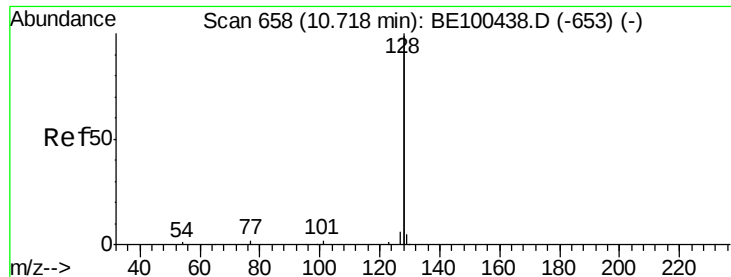


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

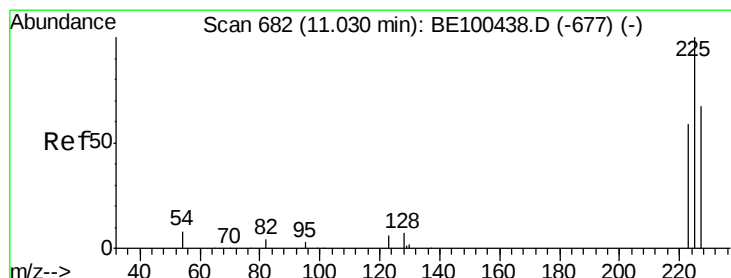
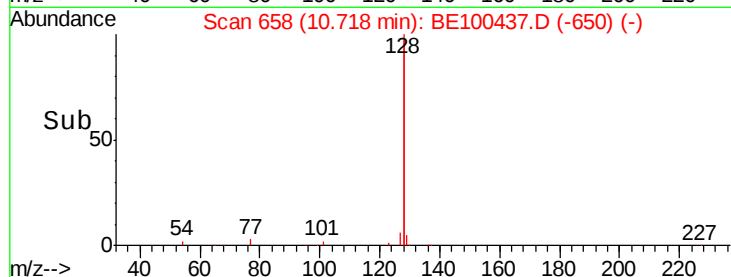
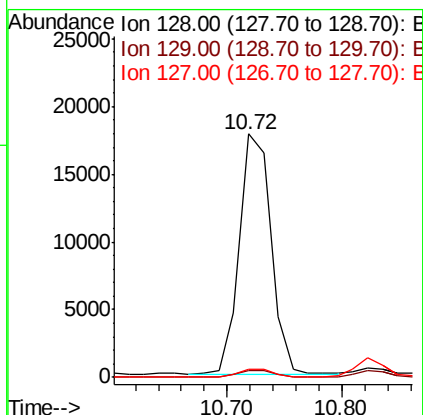
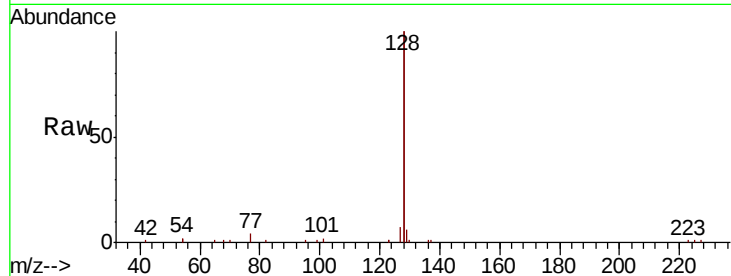




#9
Naphthalene
Concen: 0.197 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

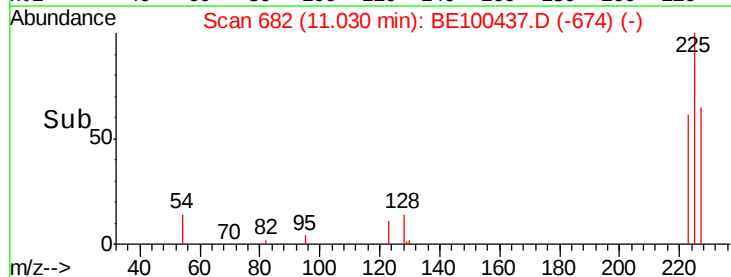
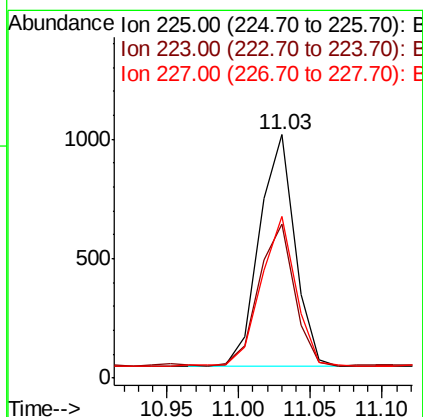
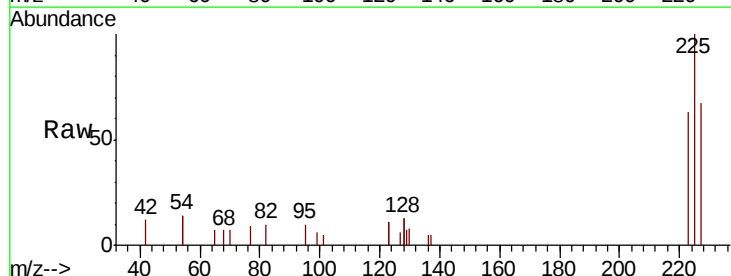
Instrument :
BNA_E
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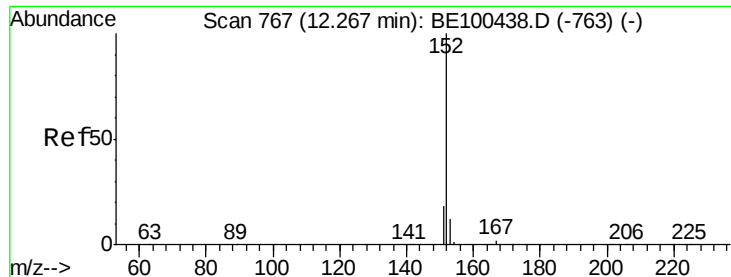
Tot Ion:128 Resp: 33940
Ion Ratio Lower Upper
128 100
129 3.0 2.2 3.4
127 3.5 2.7 4.1



#10
Hexachlorobutadiene
Concen: 0.203 ng
RT: 11.03 min Scan# 682
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:225 Resp: 1667
Ion Ratio Lower Upper
225 100
223 61.4 49.8 74.8
227 64.1 52.3 78.5

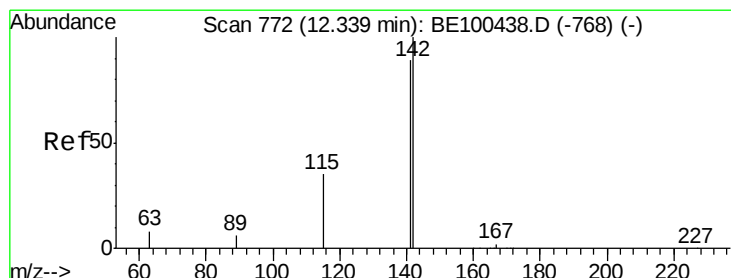
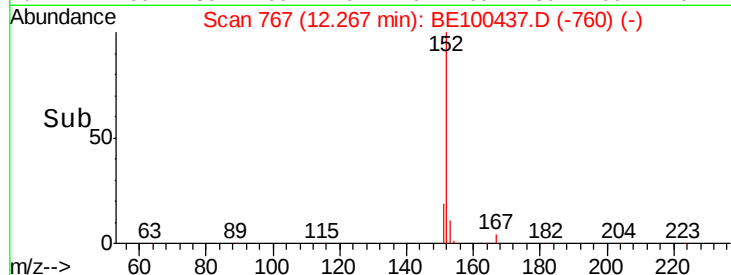
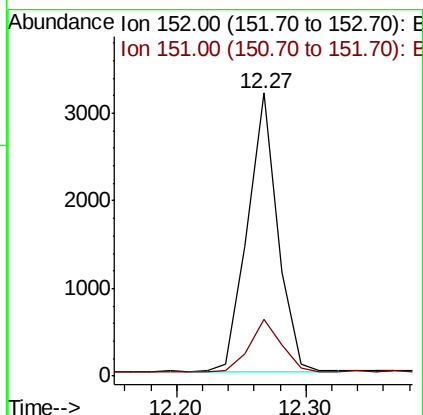
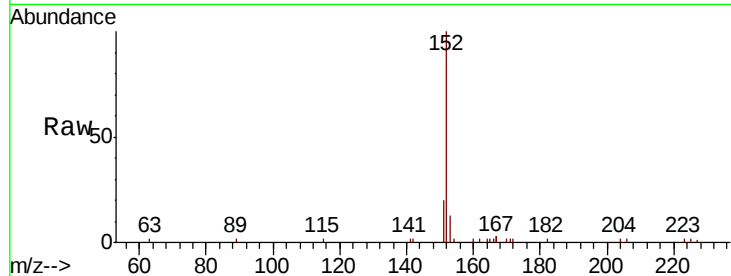




#11
 2-Methylnaphthalene-d10
 Concen: 0.132 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE100437.D
 Acq: 16 Jul 2019 9:08

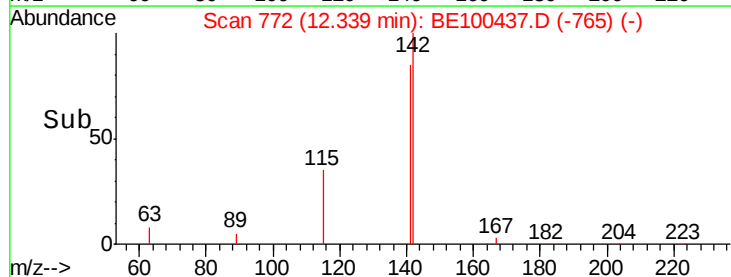
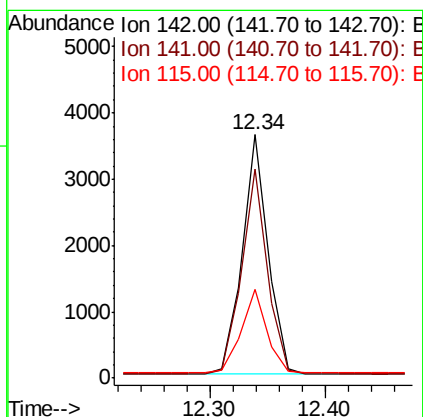
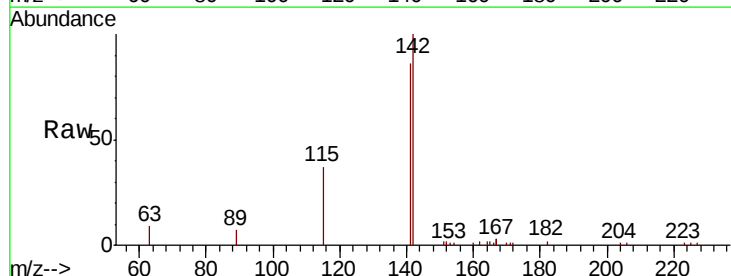
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

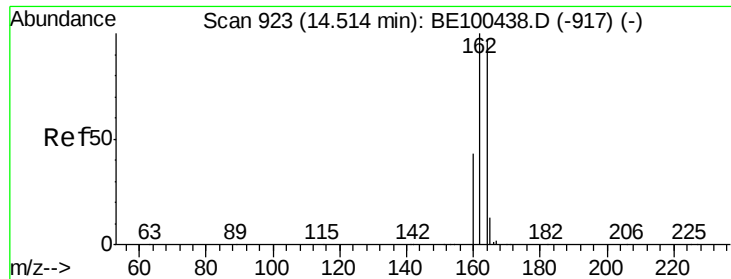
Tot Ion:152 Resp: 5127
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.0 24.0



#12
 2-Methylnaphthalene
 Concen: 0.194 ng
 RT: 12.34 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BE100437.D
 Acq: 16 Jul 2019 9:08

Tgt Ion:142 Resp: 5620
 Ion Ratio Lower Upper
 142 100
 141 85.7 70.9 106.3
 115 36.7 29.0 43.4

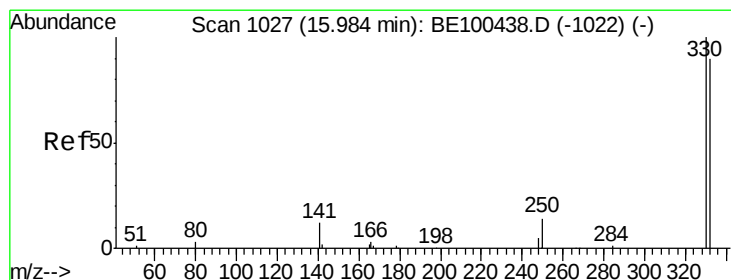
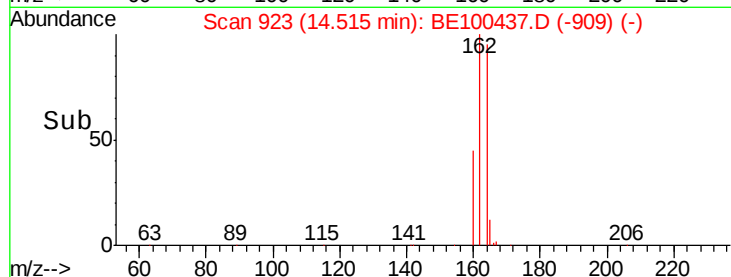
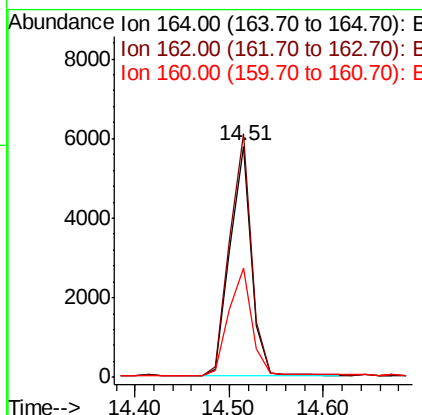
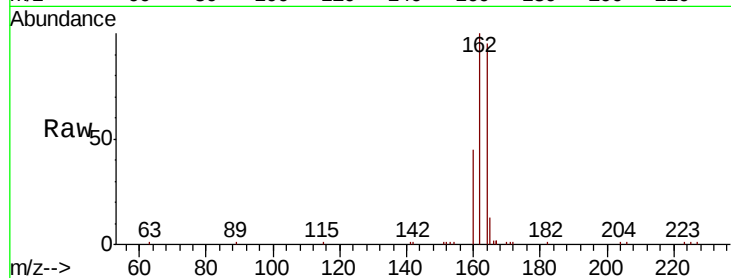




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

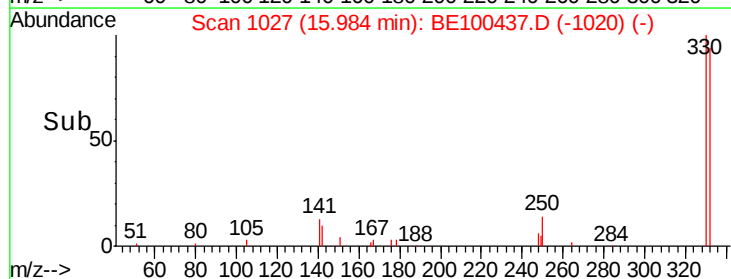
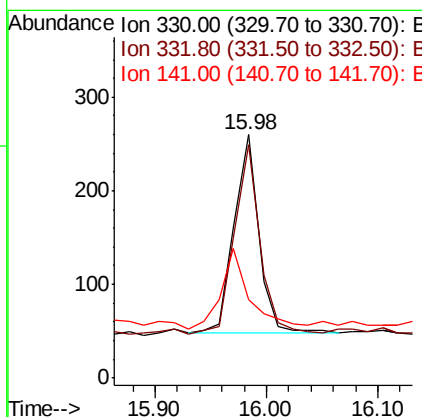
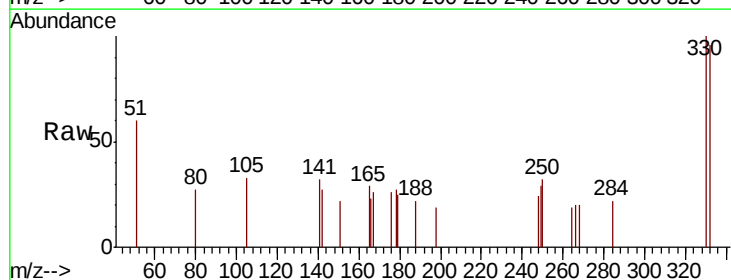
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

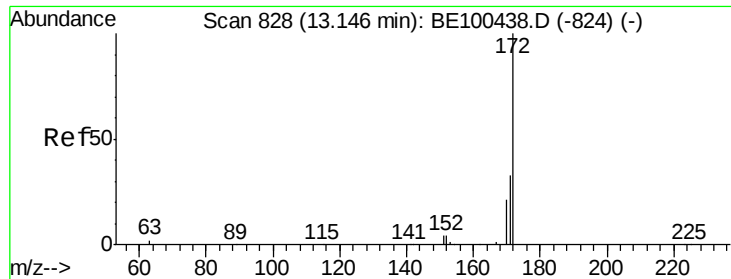
Tot Ion:164 Resp: 8981
Ion Ratio Lower Upper
164 100
162 105.4 82.6 124.0
160 47.4 35.6 53.4



#14
2,4,6-Tribromophenol
Concen: 0.141 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:330 Resp: 328
Ion Ratio Lower Upper
330 100
332 97.6 76.3 114.5
141 47.9 28.1 42.1#

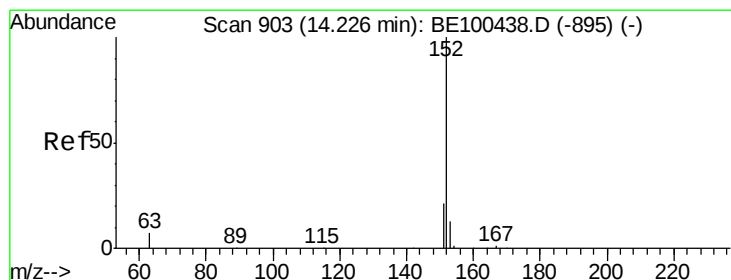
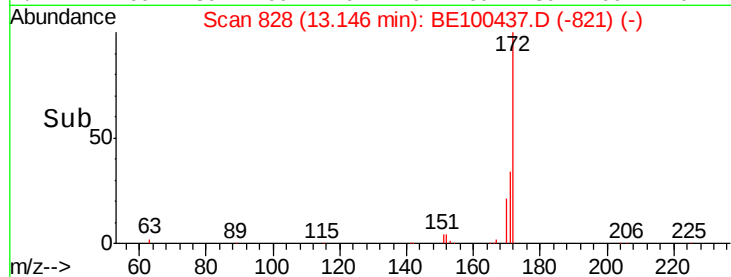
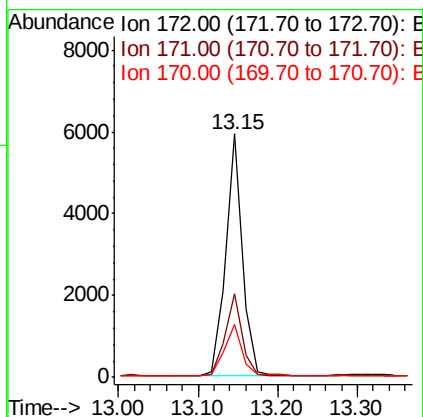
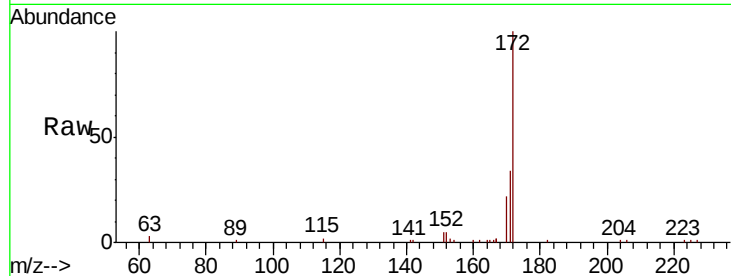




#15
2-Fluorobiphenyl
Concen: 0.212 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

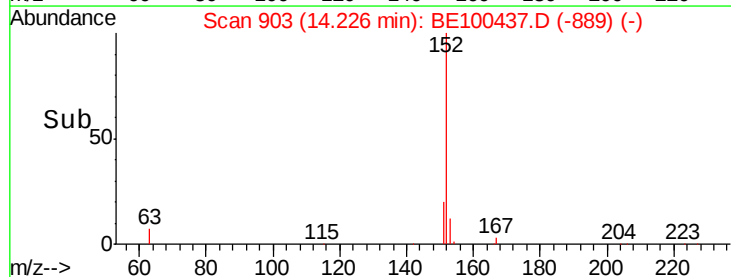
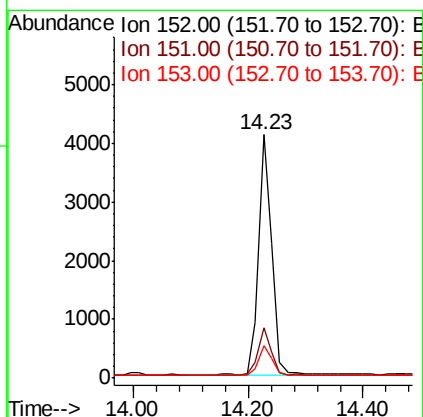
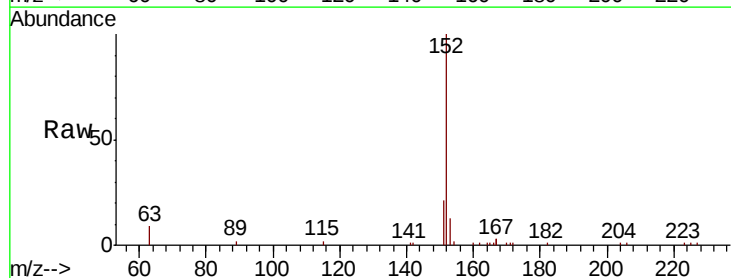
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

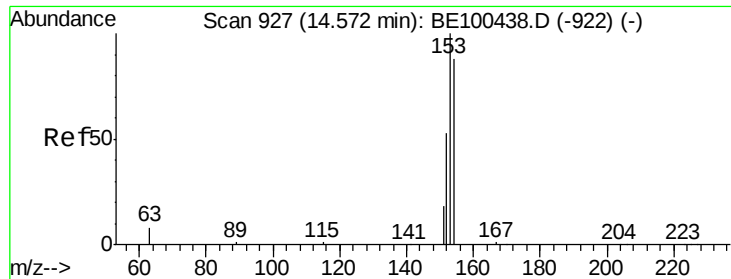
Tot Ion:172 Resp: 8442
Ion Ratio Lower Upper
172 100
171 34.5 27.0 40.4
170 21.7 17.4 26.0



#16
Acenaphthylene
Concen: 0.180 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:152 Resp: 6691
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 12.4 10.4 15.6





#17

Acenaphthene

Concen: 0.190 ng

RT: 14.57 min Scan# 927

Delta R.T. 0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

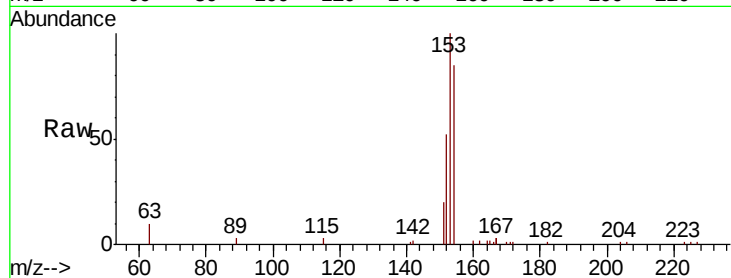
Tot Ion:154 Resp: 4817

Ion Ratio Lower Upper

154 100

153 114.9 91.0 136.4

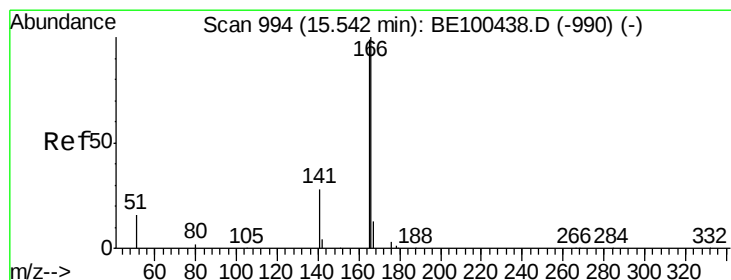
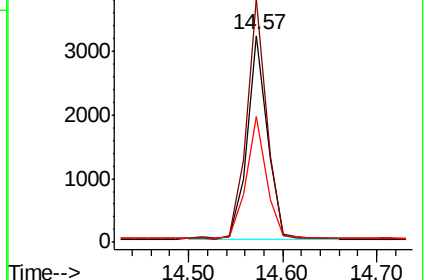
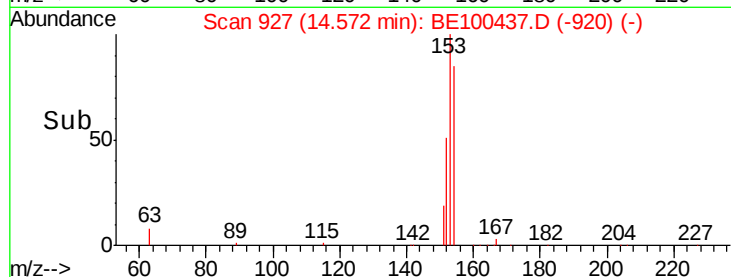
152 61.0 49.4 74.2



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: 0.184 ng

RT: 15.54 min Scan# 994

Delta R.T. -0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

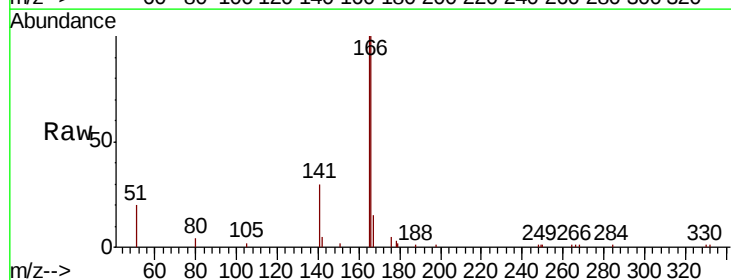
Tgt Ion:166 Resp: 5999

Ion Ratio Lower Upper

166 100

165 102.3 79.6 119.4

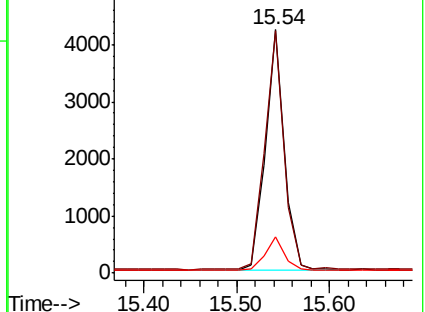
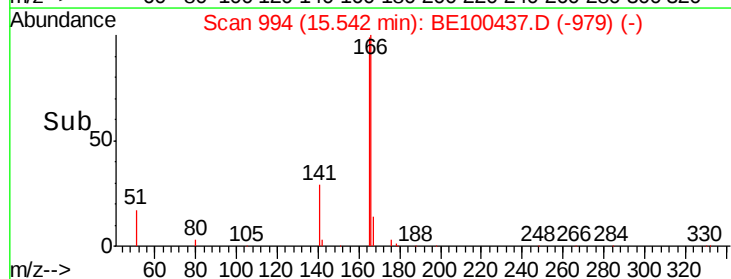
167 14.3 10.6 15.8

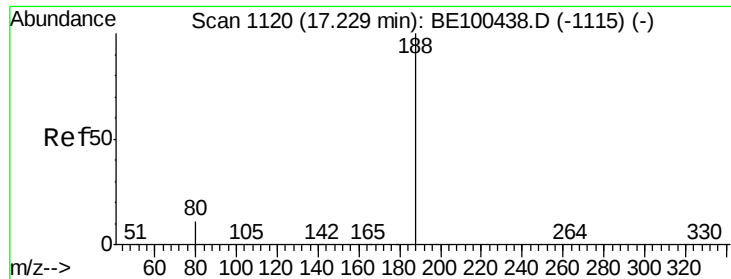


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

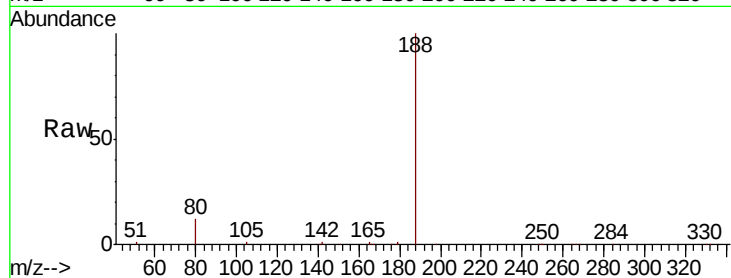
Tot Ion:188 Resp: 23668

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

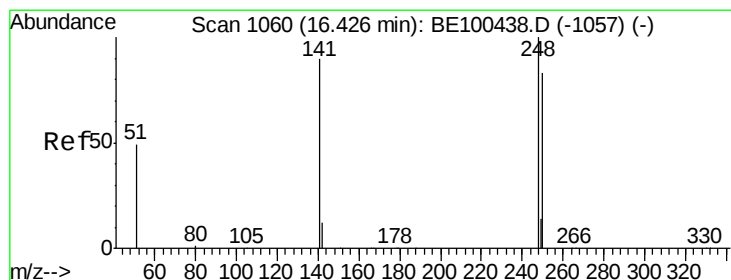
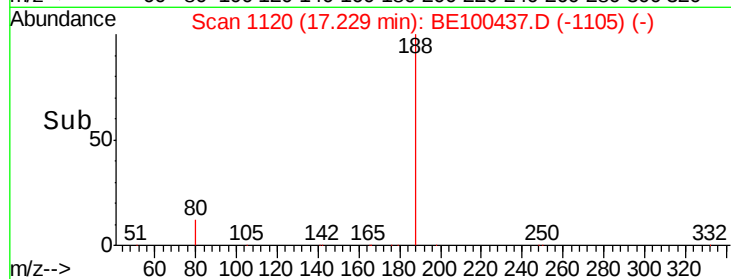
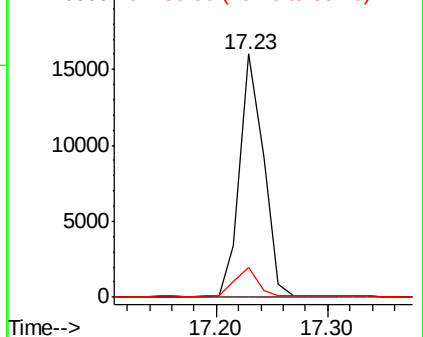
80 12.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.183 ng

RT: 16.43 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

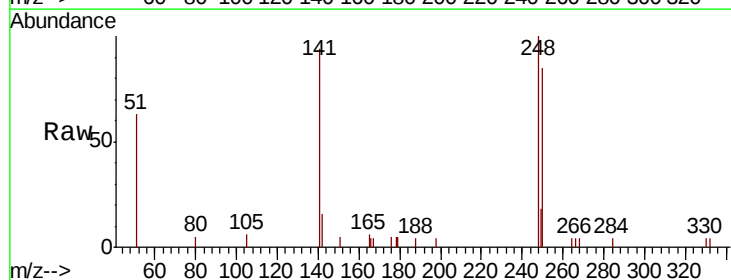
Tgt Ion:248 Resp: 2210

Ion Ratio Lower Upper

248 100

250 84.6 67.1 100.7

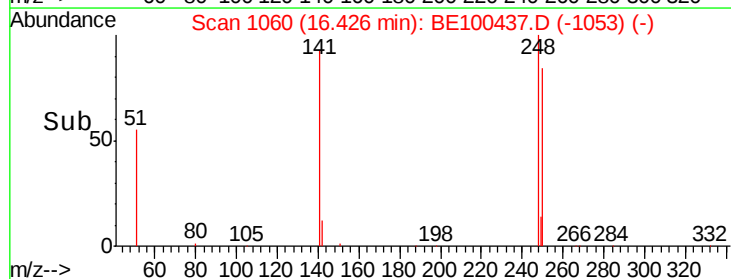
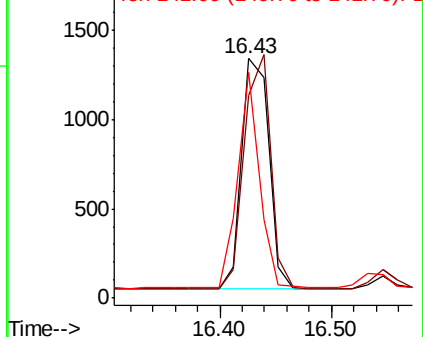
141 94.1 72.2 108.2

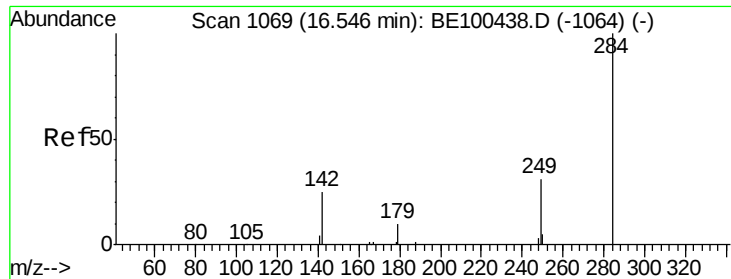


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.194 ng

RT: 16.55 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

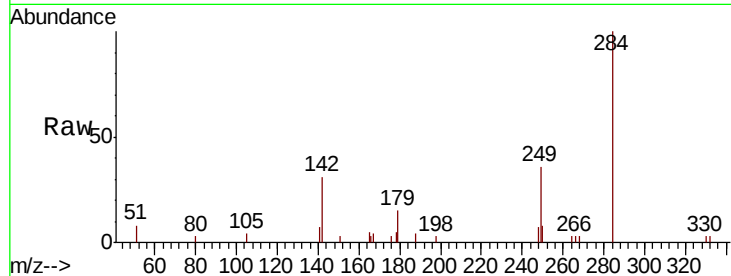
Tot Ion:284 Resp: 2686

Ion Ratio Lower Upper

284 100

142 34.8 25.6 38.4

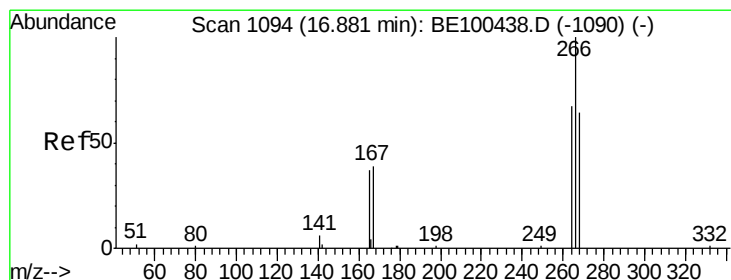
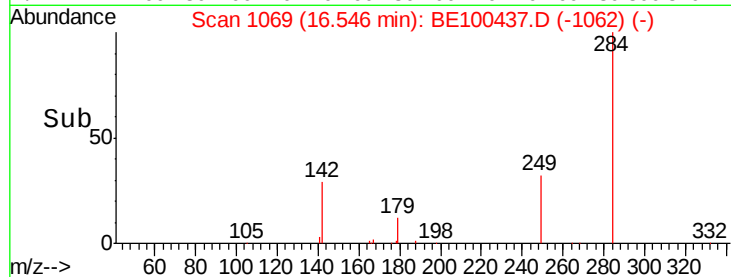
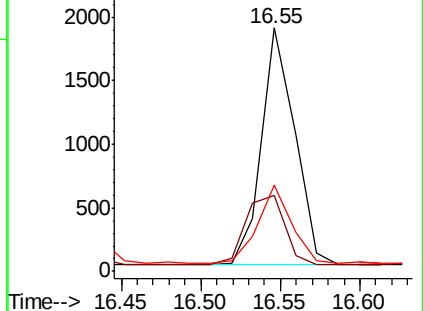
249 33.5 25.1 37.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.155 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

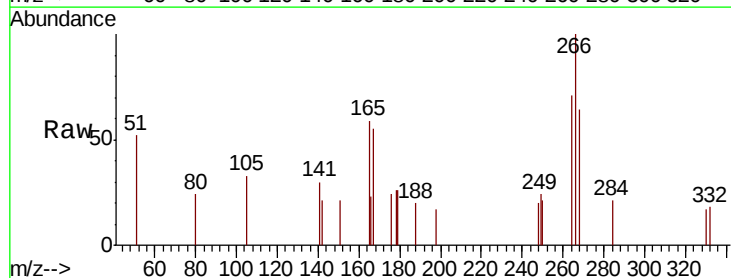
Tgt Ion:266 Resp: 422

Ion Ratio Lower Upper

266 100

264 70.5 56.2 84.2

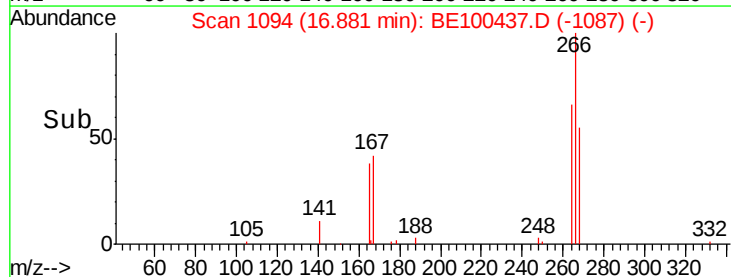
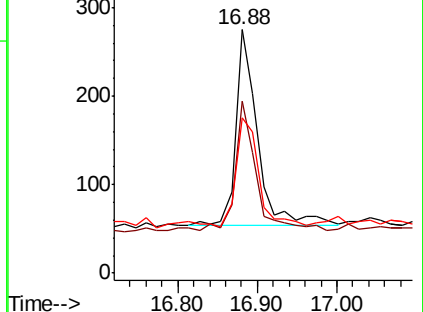
268 63.6 54.9 82.3

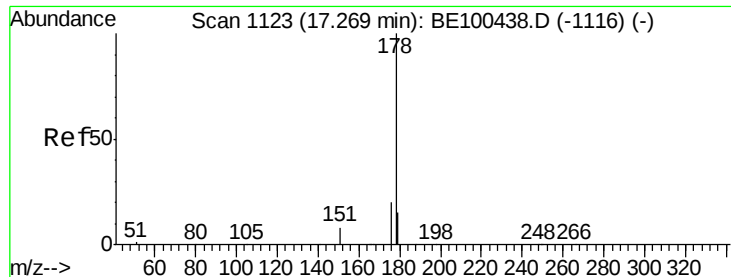


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.197 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

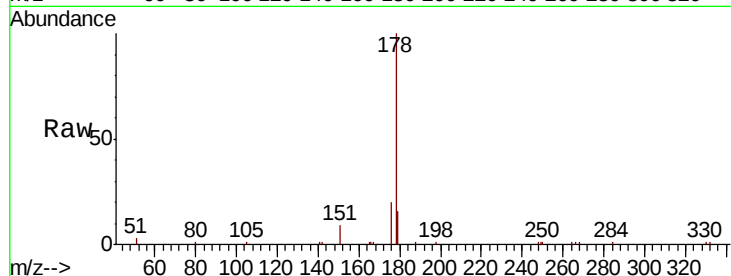
Tot Ion:178 Resp: 12087

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

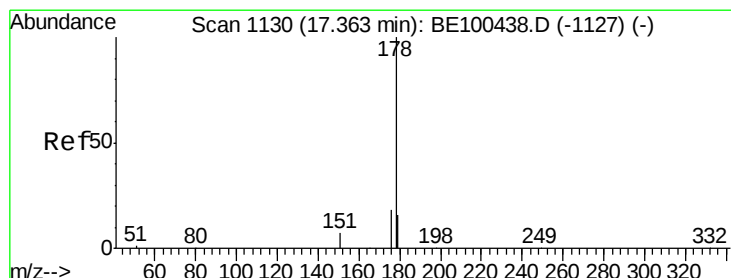
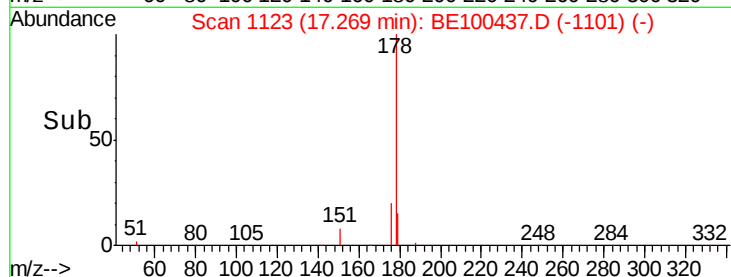
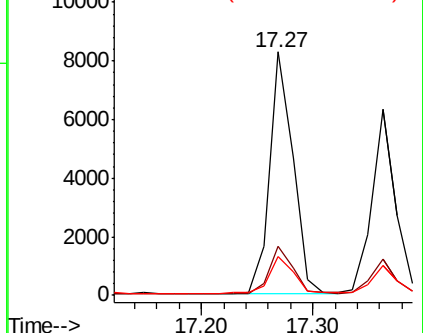
179 15.5 12.4 18.6



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: 0.178 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

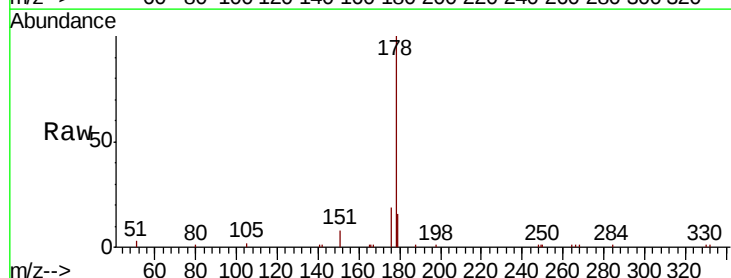
Tgt Ion:178 Resp: 9263

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

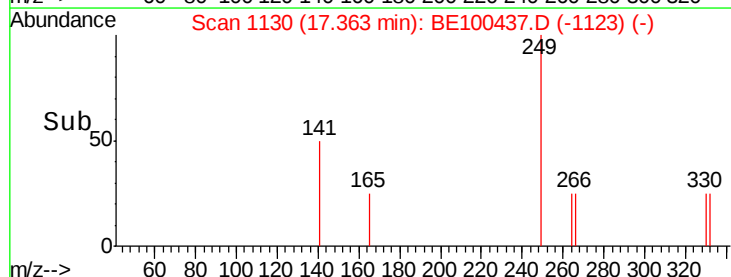
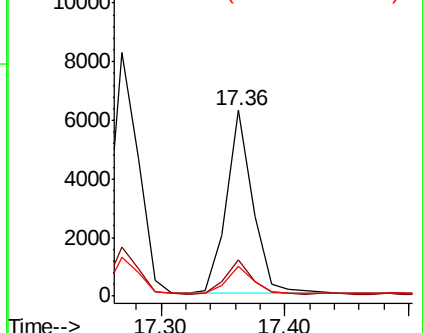
179 14.8 12.3 18.5

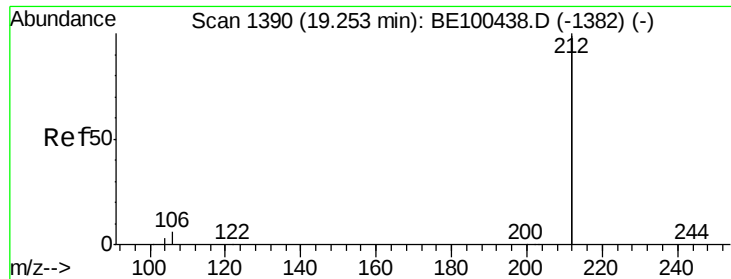


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.129 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

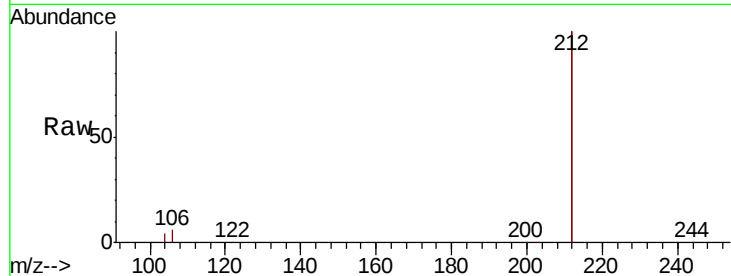
Tot Ion:212 Resp: 54166

Ion Ratio Lower Upper

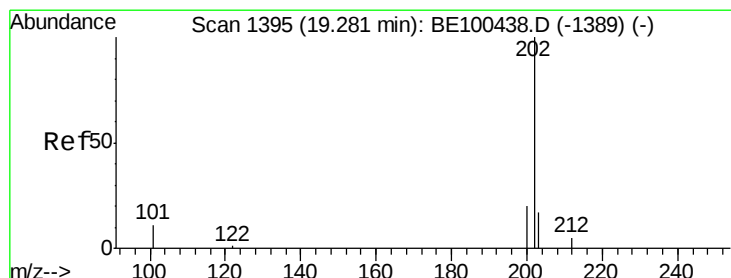
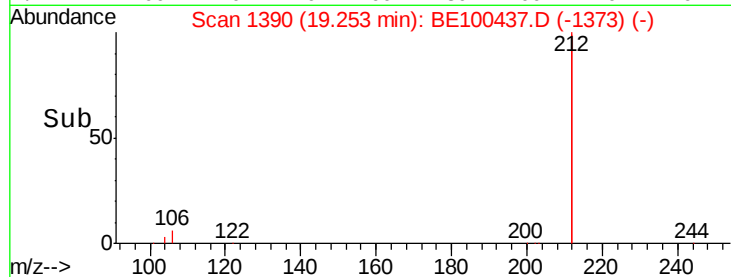
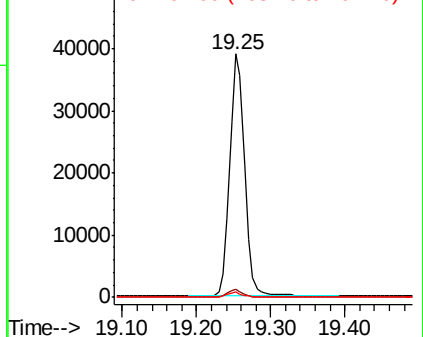
212 100

106 3.1 2.6 3.8

104 1.8 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: 0.186 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

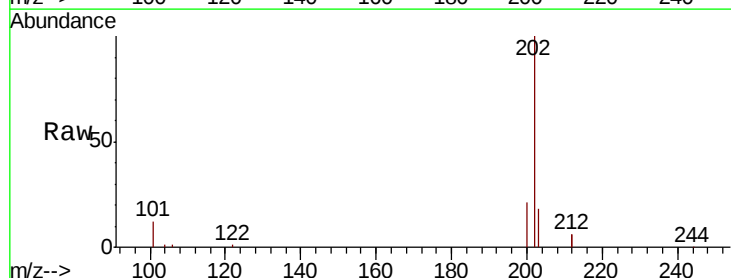
Tgt Ion:202 Resp: 14832

Ion Ratio Lower Upper

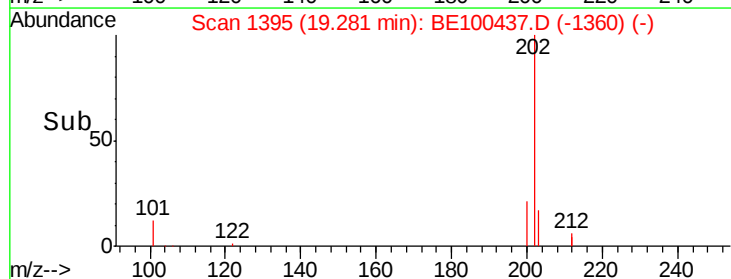
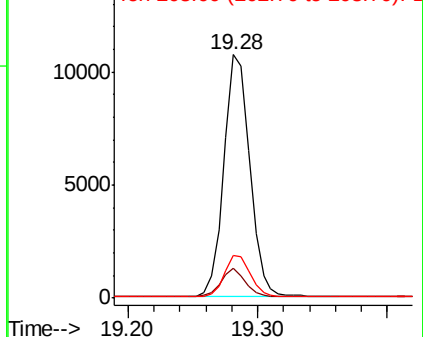
202 100

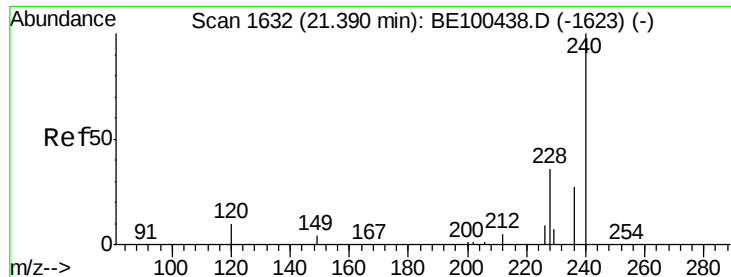
101 11.4 8.9 13.3

203 16.8 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: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

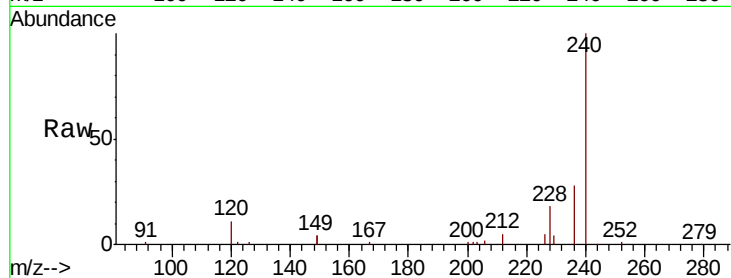
Tot Ion:240 Resp: 25592

Ion Ratio Lower Upper

240 100

120 11.0 8.8 13.2

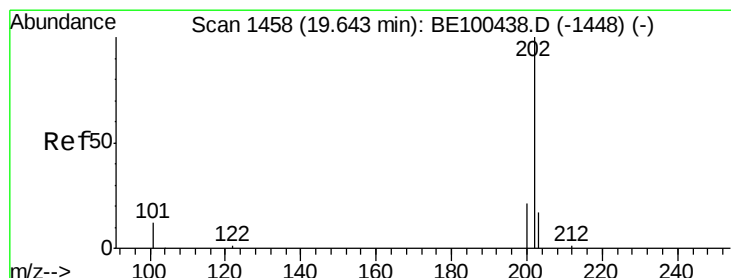
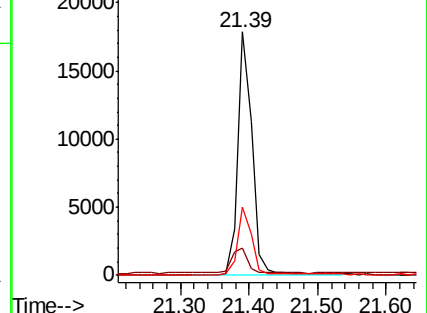
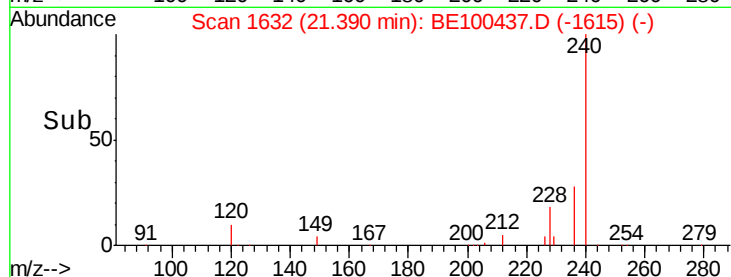
236 28.2 22.0 33.0



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: 0.196 ng

RT: 19.64 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

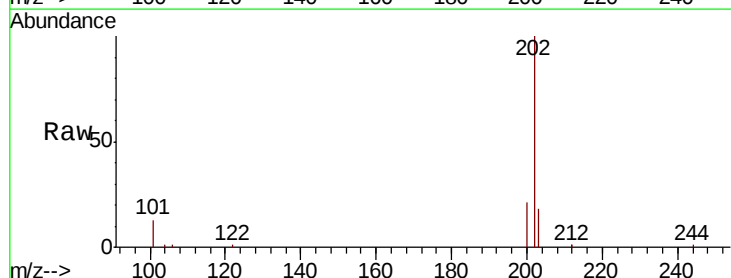
Tgt Ion:202 Resp: 14687

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

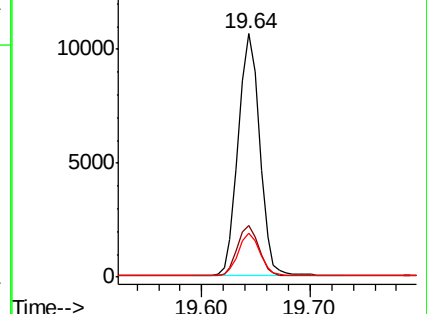
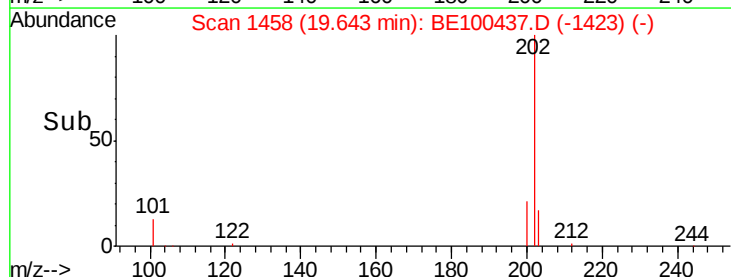
203 17.6 13.8 20.8

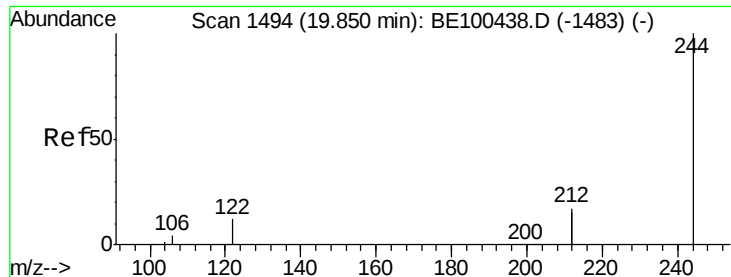


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.204 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

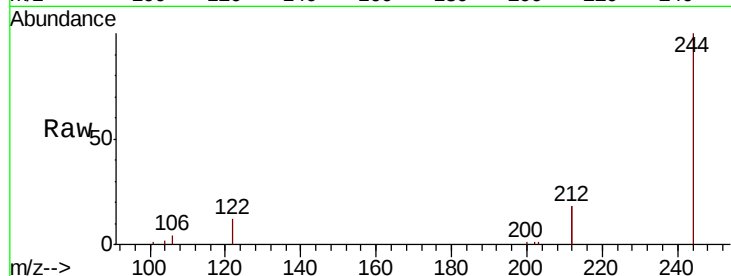
Tot Ion:244 Resp: 12676

Ion Ratio Lower Upper

244 100

212 35.1 26.3 39.5

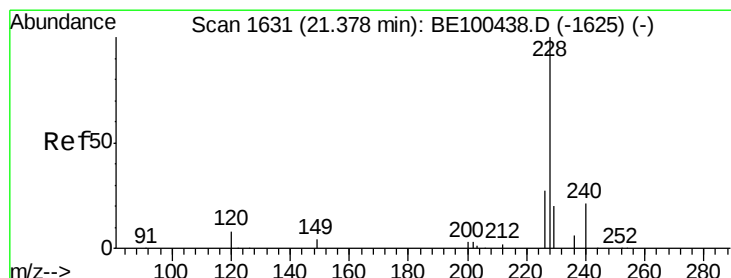
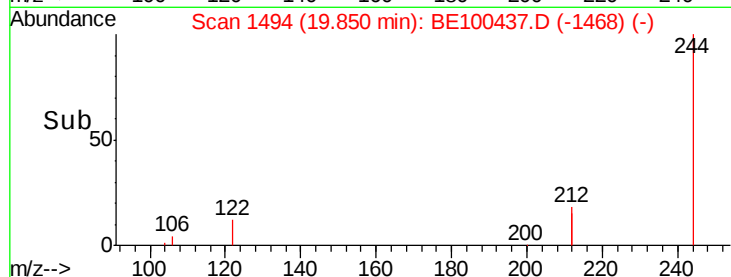
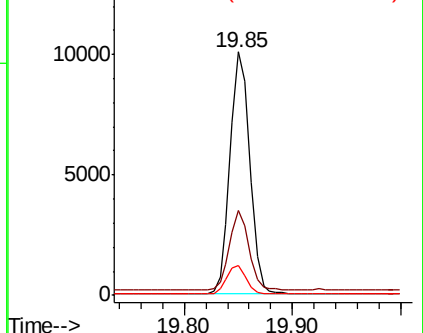
122 12.4 9.4 14.2



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: 0.178 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

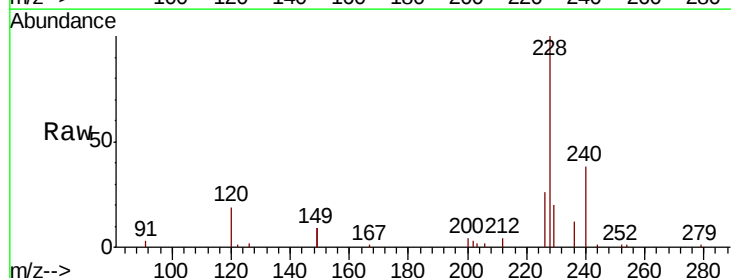
Tgt Ion:228 Resp: 12484

Ion Ratio Lower Upper

228 100

226 26.4 21.6 32.4

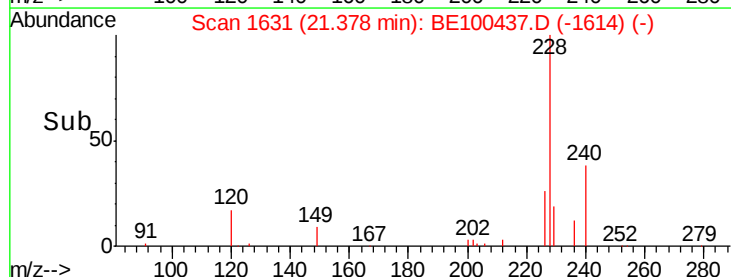
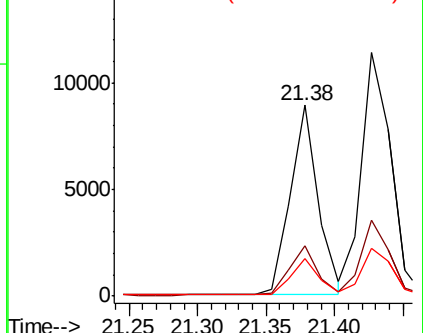
229 19.8 15.8 23.8

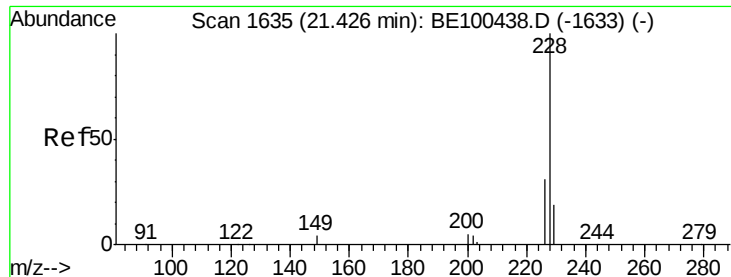


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.203 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

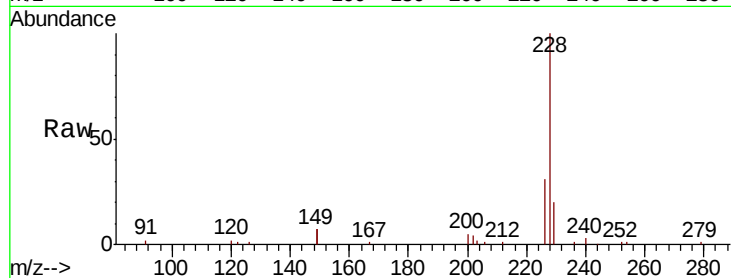
Tot Ion:228 Resp: 16736

Ion Ratio Lower Upper

228 100

226 31.3 24.8 37.2

229 19.9 15.8 23.6

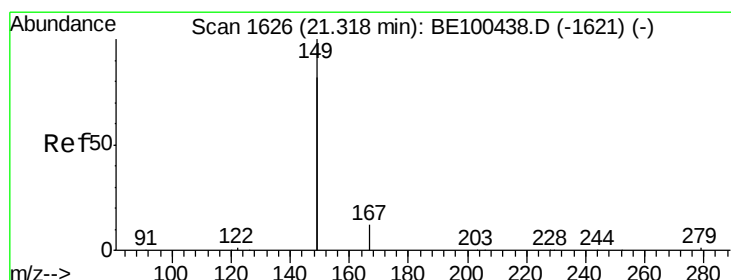
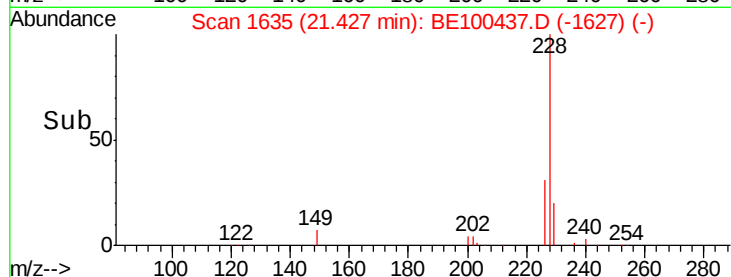
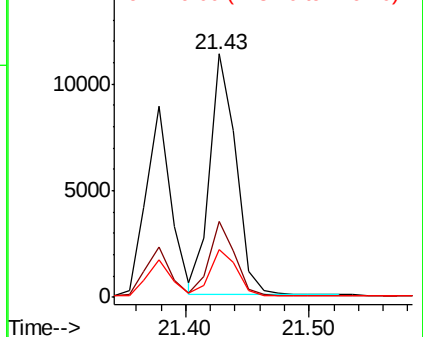


Abundance

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: 0.161 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

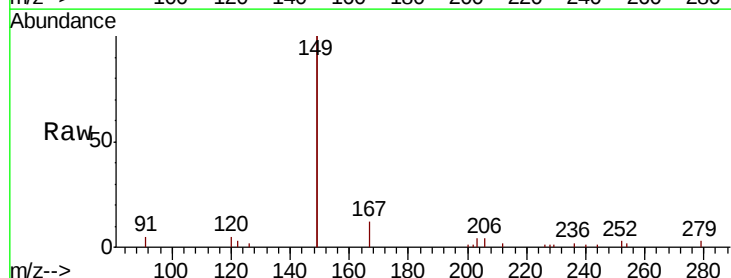
Tgt Ion:149 Resp: 8624

Ion Ratio Lower Upper

149 100

167 6.6 5.0 7.6

279 1.6 1.2 1.8

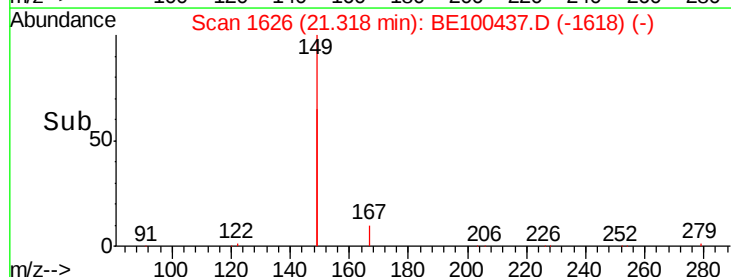
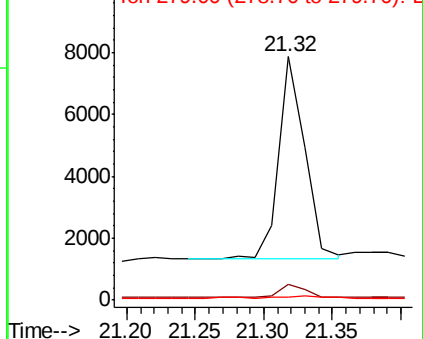


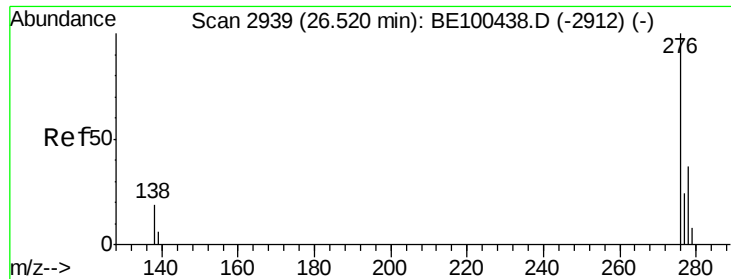
Abundance

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

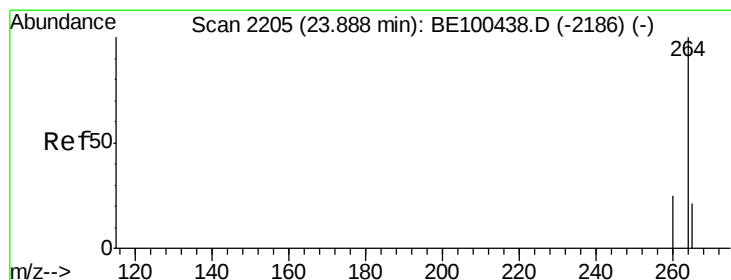
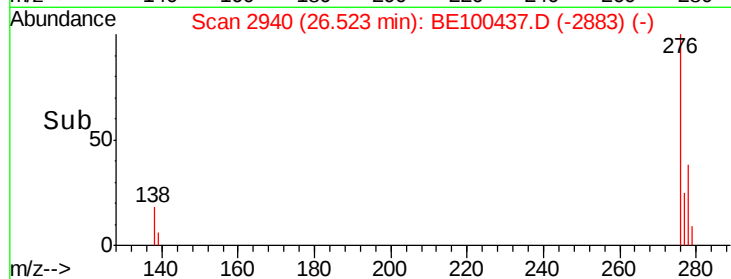
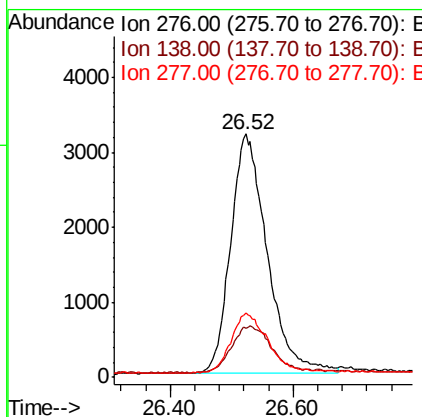
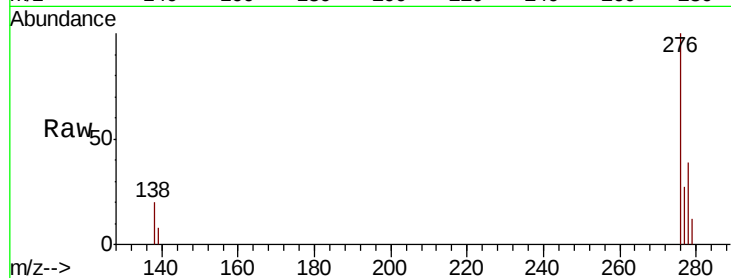




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.177 ng
RT: 26.52 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

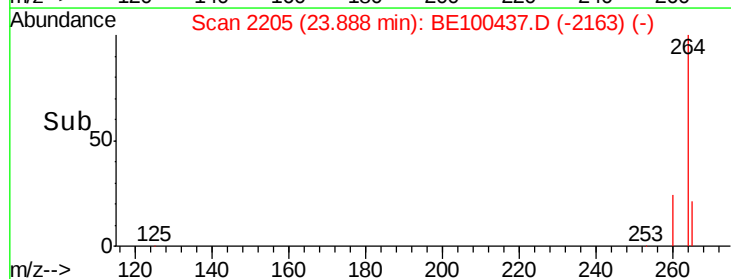
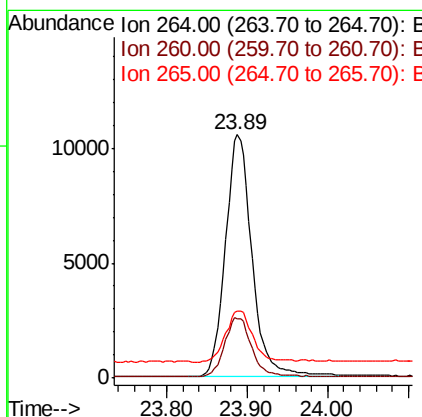
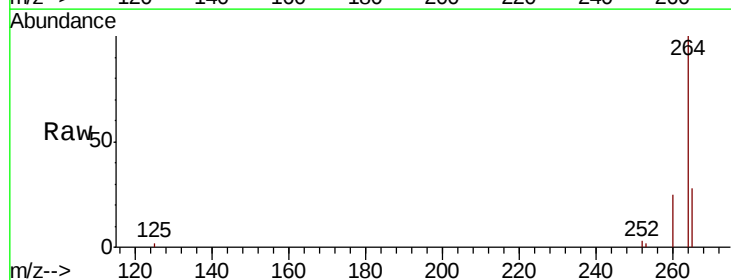
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

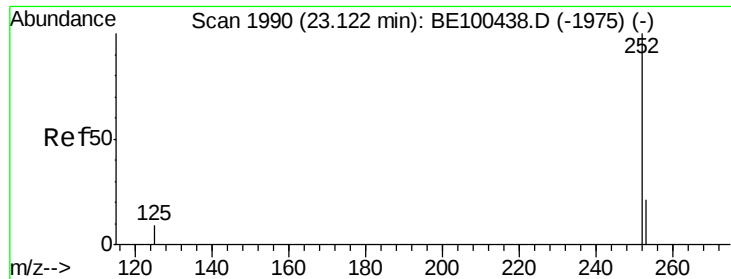
Tot Ion:276 Resp: 13198
Ion Ratio Lower Upper
276 100
138 21.3 17.0 25.6
277 25.1 19.8 29.6



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:264 Resp: 24203
Ion Ratio Lower Upper
264 100
260 24.5 20.0 30.0
265 27.7 22.2 33.4





#35

Benzo(b)fluoranthene

Concen: 0.175 ng

RT: 23.13 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

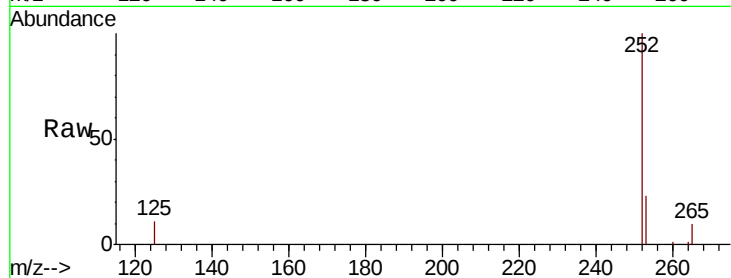
Tot Ion:252 Resp: 13304

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

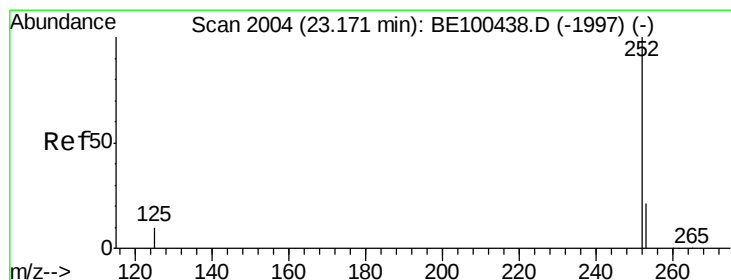
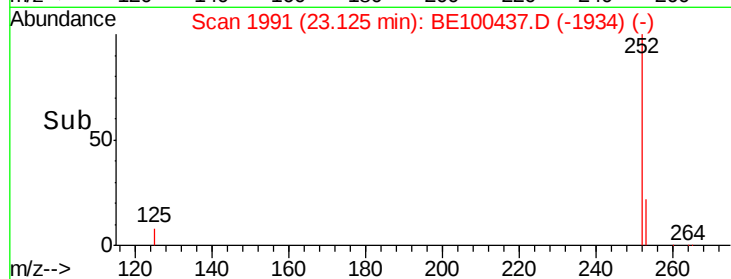
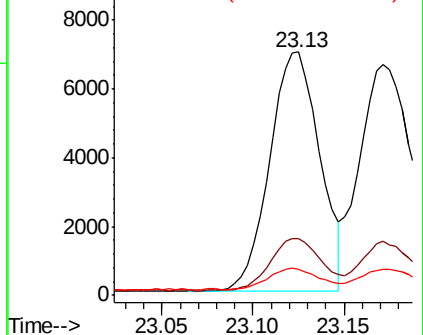
125 10.5 8.0 12.0



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: 0.178 ng

RT: 23.17 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

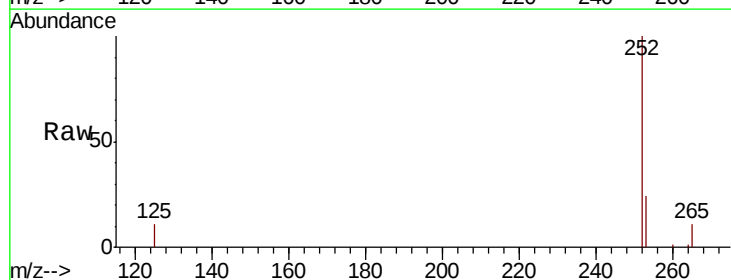
Tgt Ion:252 Resp: 14166

Ion Ratio Lower Upper

252 100

253 23.8 17.7 26.5

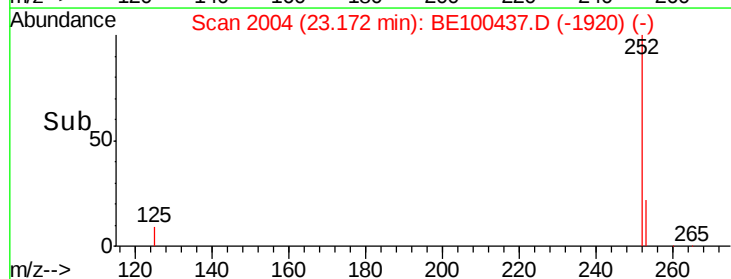
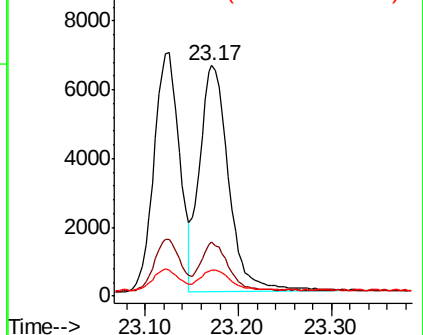
125 11.4 8.3 12.5

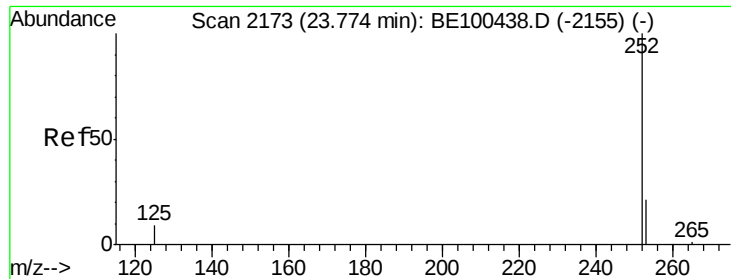


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.162 ng

RT: 23.77 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

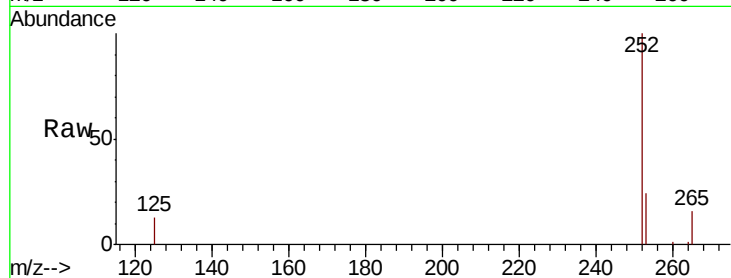
Tot Ion:252 Resp: 10299

Ion Ratio Lower Upper

252 100

253 23.9 18.0 27.0

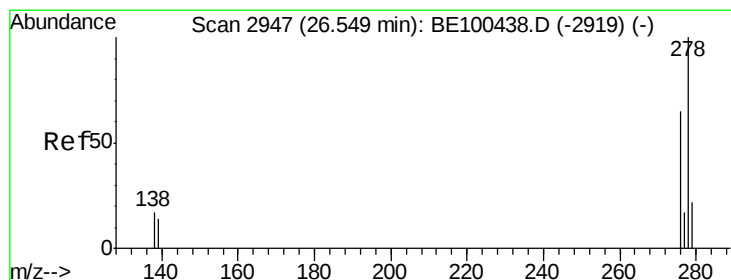
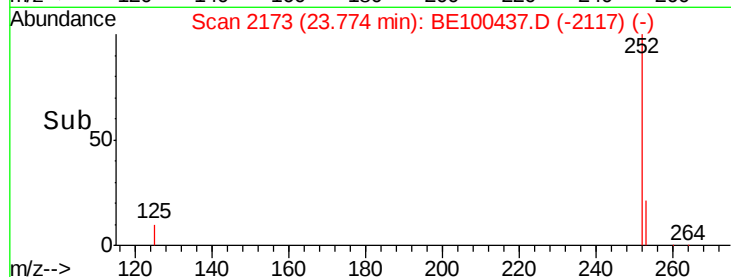
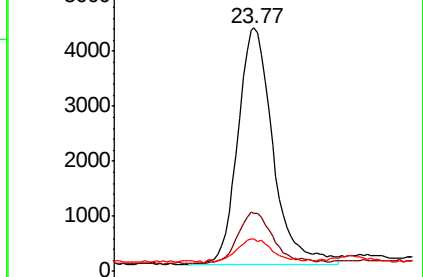
125 13.5 9.0 13.6



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: 0.163 ng

RT: 26.55 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

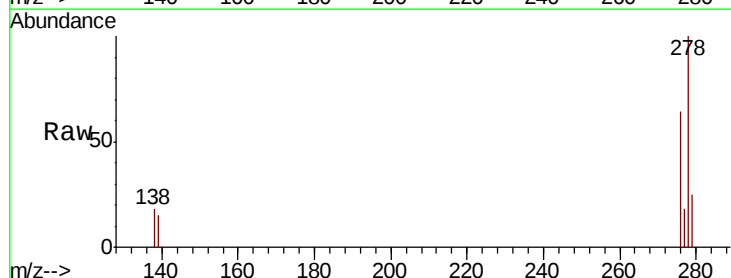
Tgt Ion:278 Resp: 10835

Ion Ratio Lower Upper

278 100

139 15.2 12.2 18.2

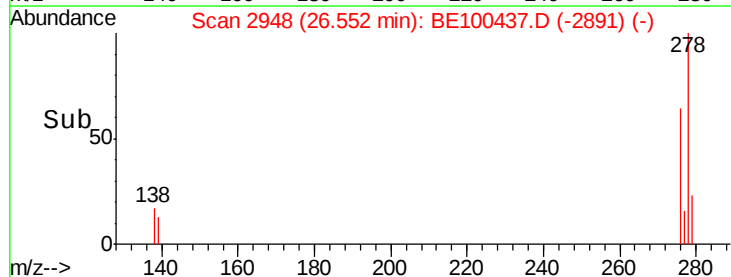
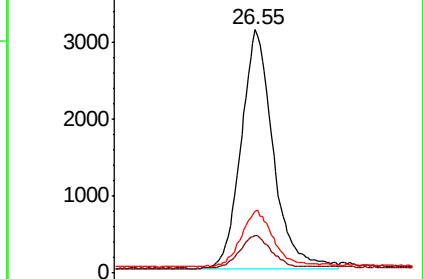
279 25.2 18.6 27.8

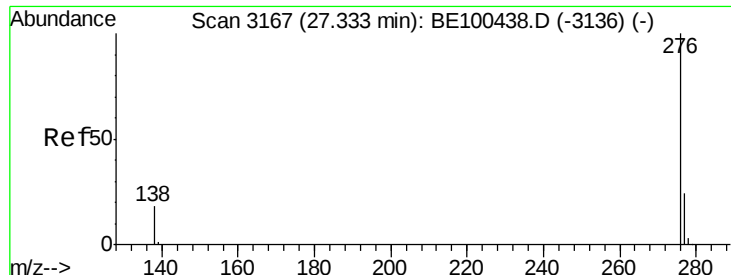


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.177 ng

RT: 27.33 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BE100437.D

Acq: 16 Jul 2019 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

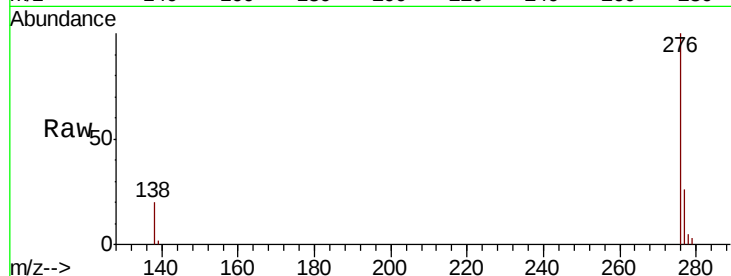
Tot Ion: 276 Resp: 12237

Ion Ratio Lower Upper

276 100

277 26.2 19.6 29.4

138 20.2 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

