

Data File : BE100474.D
Acq On : 19 Jul 2019 17:52
Operator : HP/JU
Sample : K3911-03MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1MSD

Quant Time: Jul 20 02:44:37 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 13:59:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	4300	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	17535	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	11177	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	23816	0.40	ng	0.01
27) Chrysene-d12	21.40	240	28290	0.40	ng	0.02
34) Perylene-d12	23.85	264	131	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	4541	0.42	ng	0.00
5) Phenol-d6	7.04	99	7243	0.48	ng	0.00
8) Nitrobenzene-d5	9.02	82	6320	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	13440	0.48	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	1583	0.34	ng	0.01
15) 2-Fluorobiphenyl	13.13	172	12923	0.28	ng	0.00
25) Fluoranthene-d10	19.25	212	97448	0.29	ng	0.01
29) Terphenyl-d14	19.85	244	20008	0.31	ng	0.01

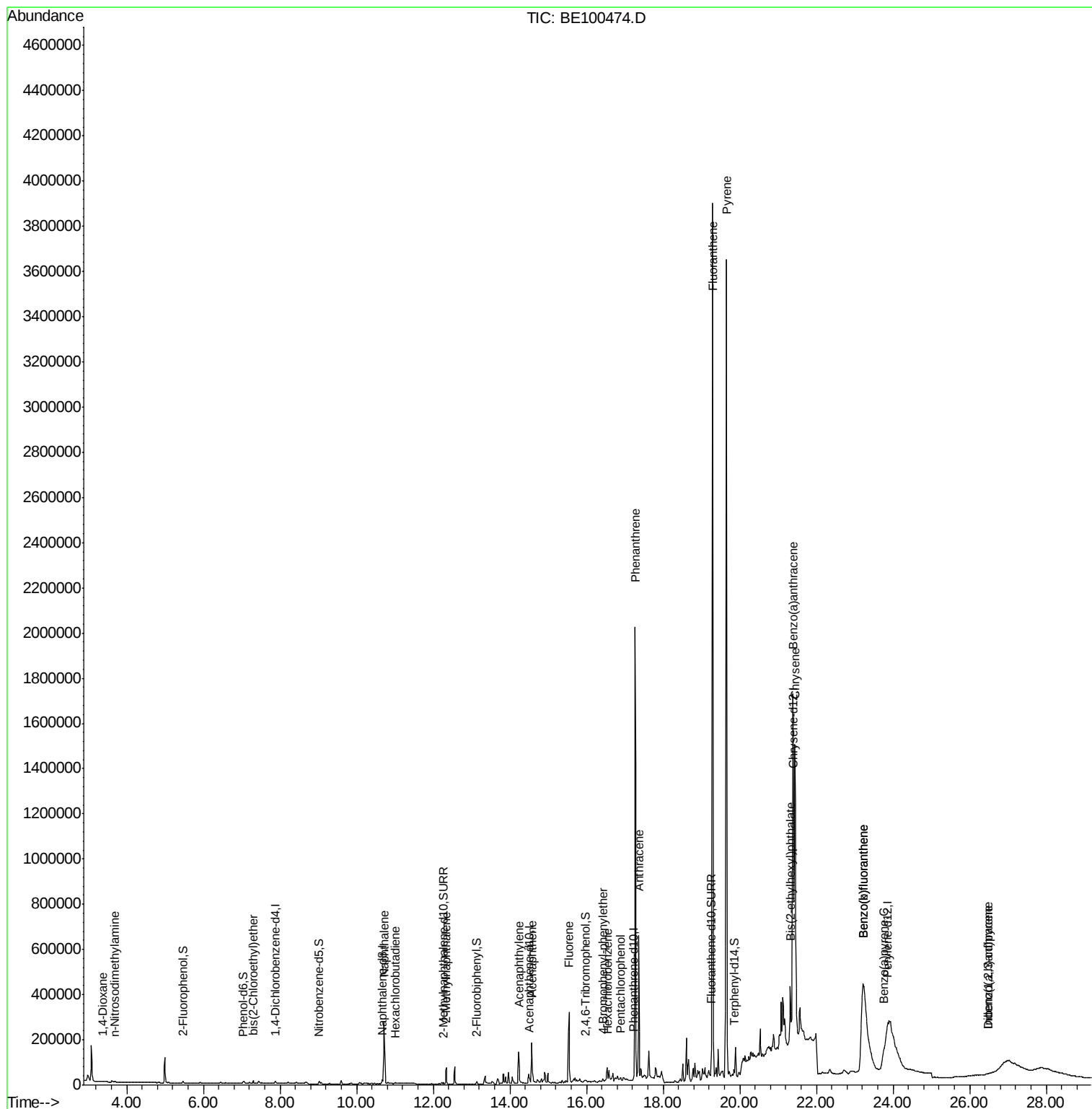
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	1653	0.250	ng	# 41
3) n-Nitrosodimethylamine	3.68	42	1502	0.393	ng	# 73
6) bis(2-Chloroethyl)ether	7.30	93	6093	0.468	ng	84
9) Naphthalene	10.72	128	432143	2.575	ng	100
10) Hexachlorobutadiene	11.02	225	2756	0.343	ng	99
12) 2-Methylnaphthalene	12.34	142	58699	2.006	ng	95
16) Acenaphthylene	14.23	152	164709	3.207	ng	98
17) Acenaphthene	14.57	154	94136	3.013	ng	96
18) Fluorene	15.54	166	240974	5.800	ng	97
20) 4-Bromophenyl-phenylether	16.42	248	4540	0.413	ng	# 72
21) Hexachlorobenzene	16.56	284	4176	0.364	ng	# 88
22) Pentachlorophenol	16.89	266	2369	0.575	ng	94
23) Phenanthrene	17.27	178	2241060	38.038	ng	99
24) Anthracene	17.36	178	633733	11.512	ng	98
26) Fluoranthene	19.29	202	3956055	45.189	ng	97
28) Pyrene	19.65	202	3540839	42.564	ng	# 92
30) Benzo(a)anthracene	21.39	228	2070042	23.990	ng	94
31) Chrysene	21.44	228	1749876	20.331	ng	95
32) Bis(2-ethylhexyl)phthalate	21.32	149	356734	1.863	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.48	276	9016	0.097	ng	# 58
35) Benzo(b)fluoranthene	23.22	252	1256263	3470.551	ng	# 92
36) Benzo(k)fluoranthene	23.22	252	1255254	3263.623	ng	95
37) Benzo(a)pyrene	23.76	252	249280	714.027	ng	# 62
38) Dibenzo(a,h)anthracene	26.49	278	18295	55.632	ng	# 1

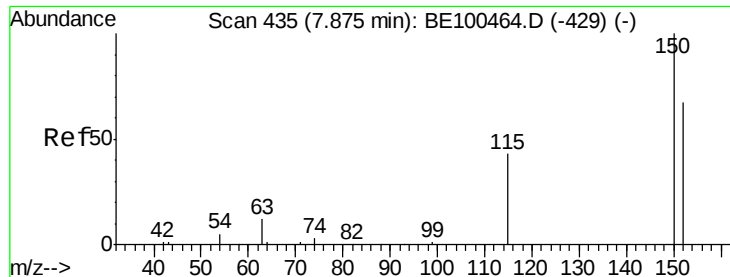
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MSD

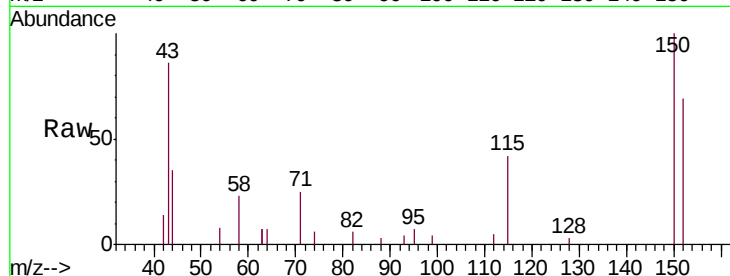
Tgt Ion:152 Resp: 4300

Ion Ratio Lower Upper

152 100

150 144.4 117.6 176.4

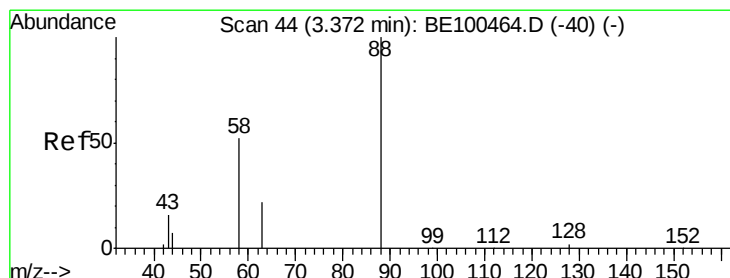
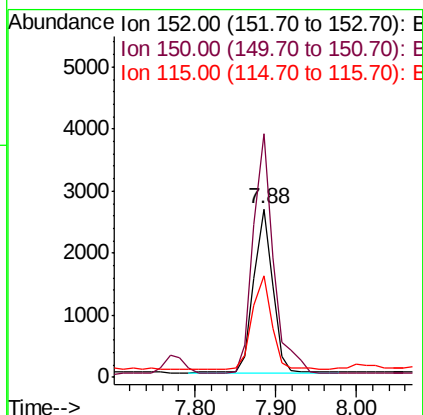
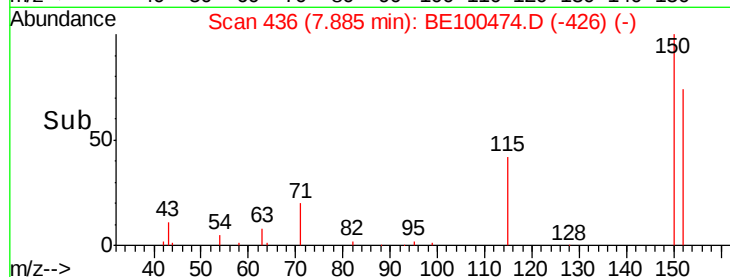
115 60.2 54.9 82.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.250 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

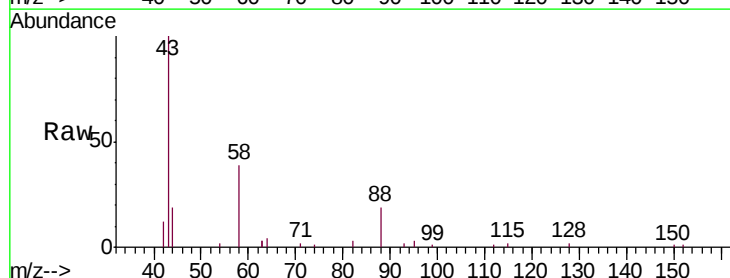
Tgt Ion: 88 Resp: 1653

Ion Ratio Lower Upper

88 100

58 111.7 50.2 75.4#

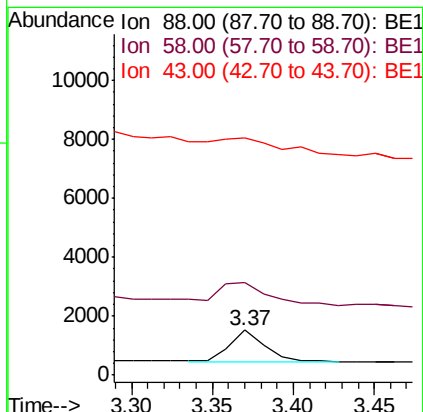
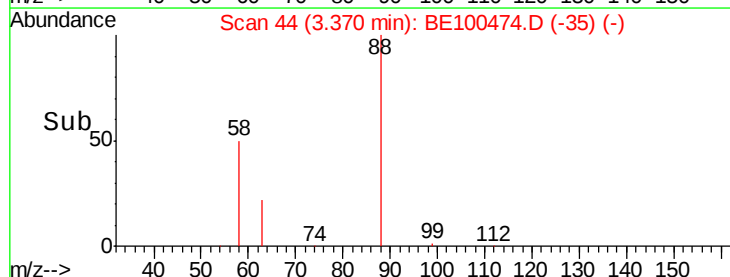
43 0.0 19.1 28.7#

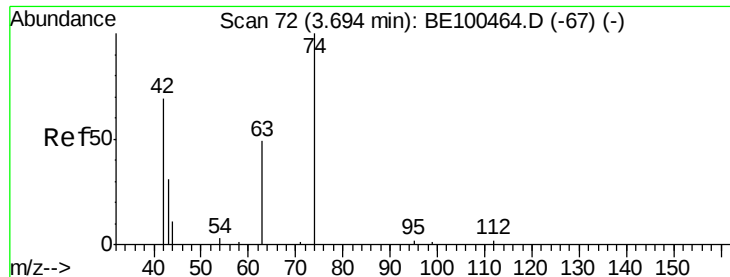


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.393 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MSD

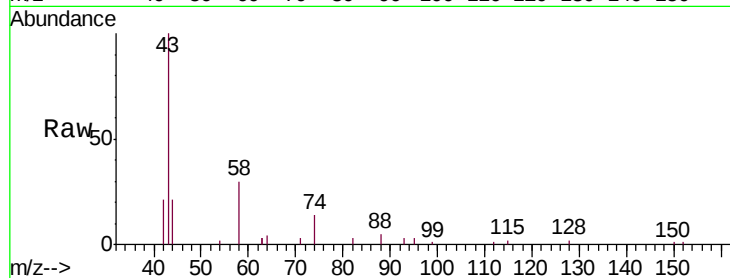
Tgt Ion: 42 Resp: 1502

Ion Ratio Lower Upper

42 100

74 164.4 105.8 158.8#

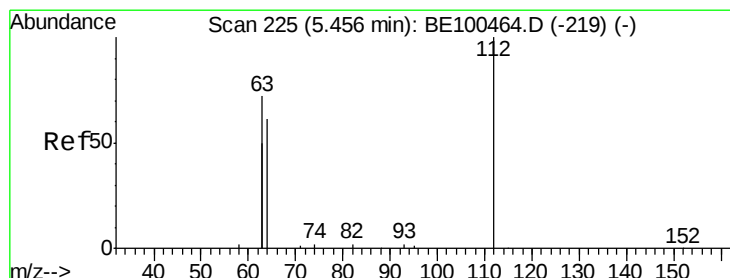
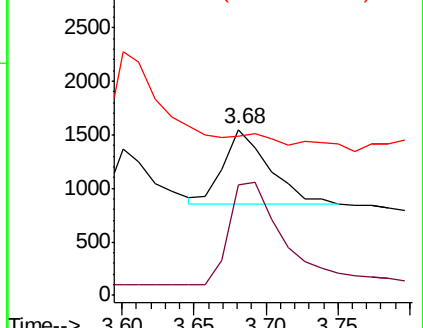
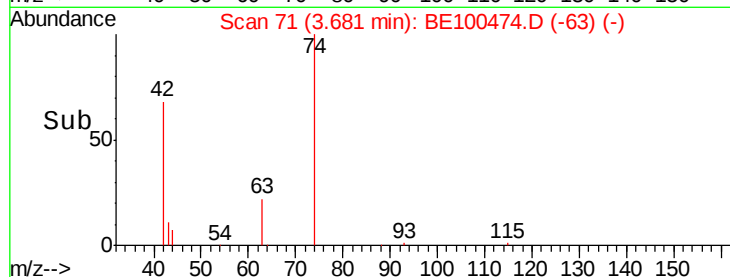
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.424 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

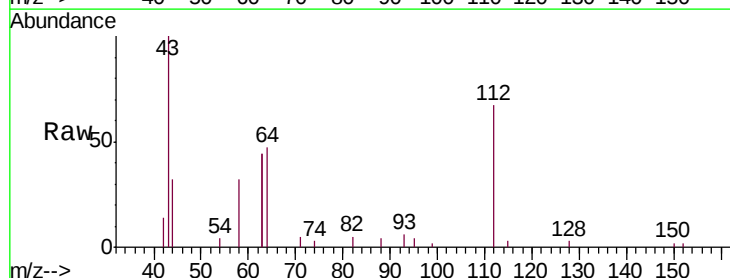
Tgt Ion: 112 Resp: 4541

Ion Ratio Lower Upper

112 100

64 64.2 51.9 77.9

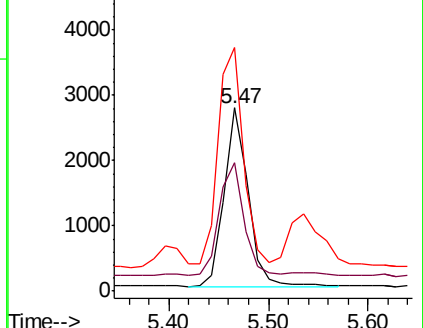
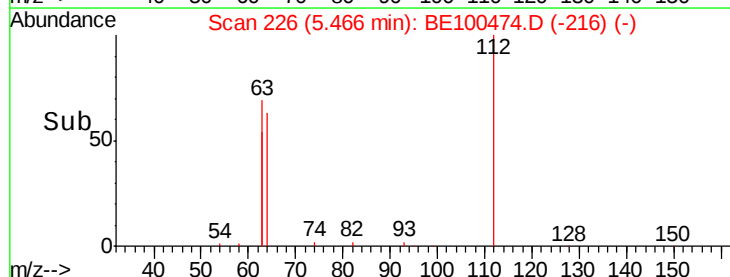
63 127.3 103.9 155.9

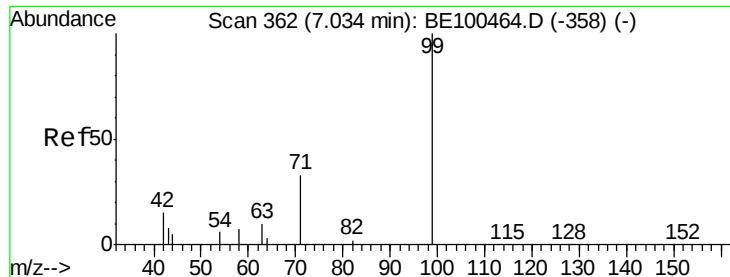


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.482 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MSD

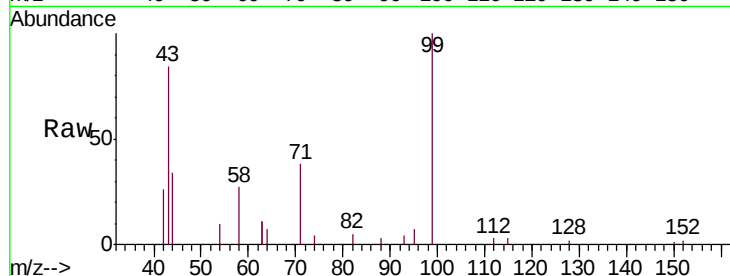
Tgt Ion: 99 Resp: 7243

Ion Ratio Lower Upper

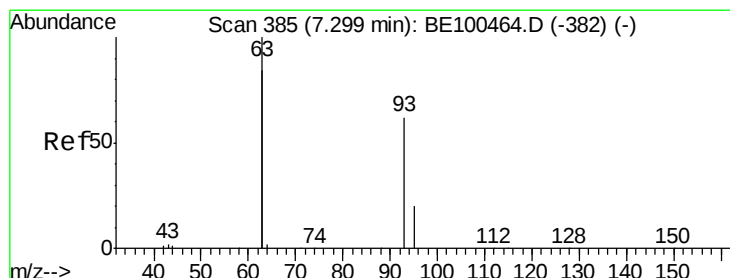
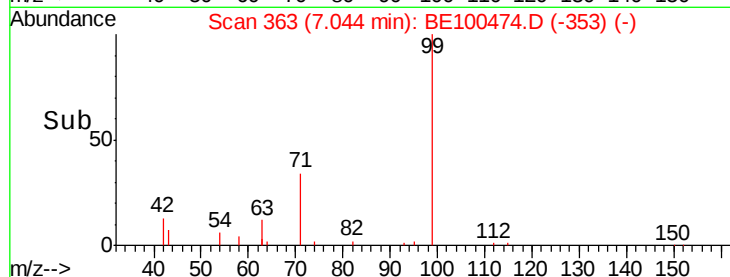
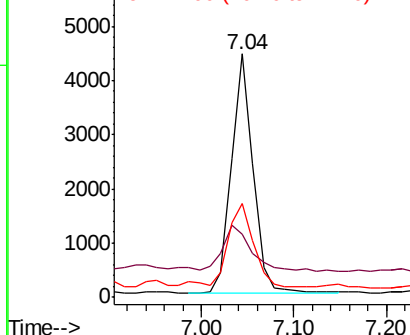
99 100

42 26.4 16.2 24.4#

71 41.2 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: 0.468 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

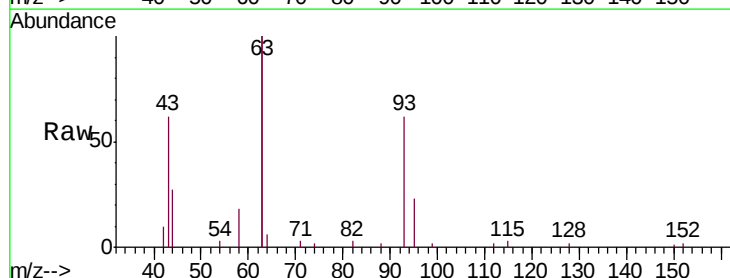
Tgt Ion: 93 Resp: 6093

Ion Ratio Lower Upper

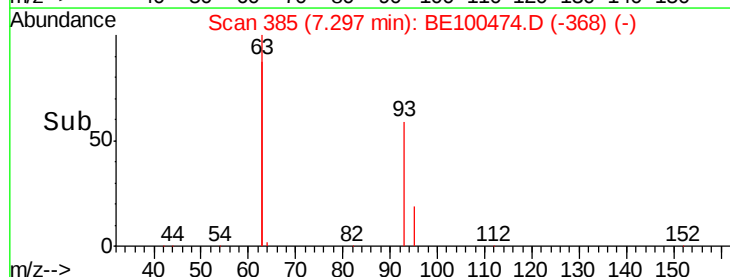
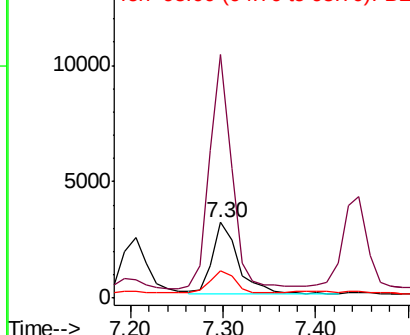
93 100

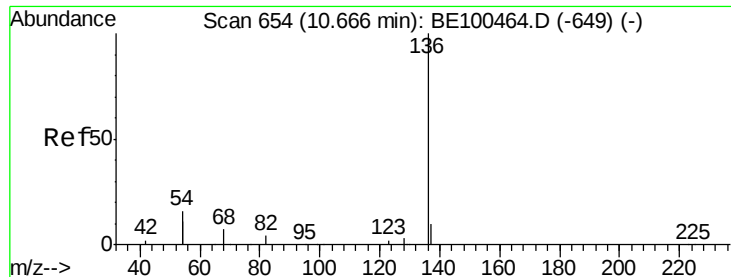
63 276.1 248.4 372.6

95 29.7 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: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MSD

Tgt Ion: 136 Resp: 17535

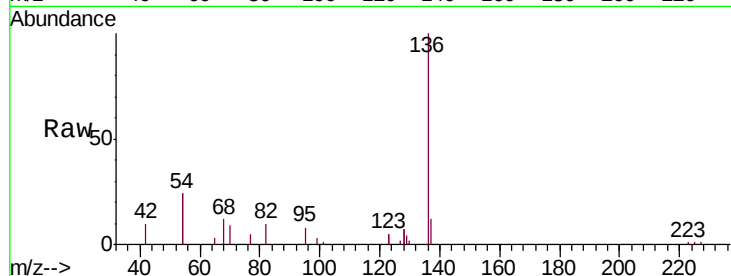
Ion Ratio Lower Upper

136 100

137 12.0 9.0 13.6

54 47.8 26.2 39.2#

68 11.9 6.5 9.7#

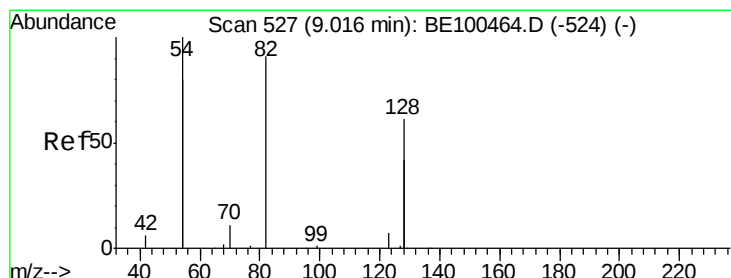
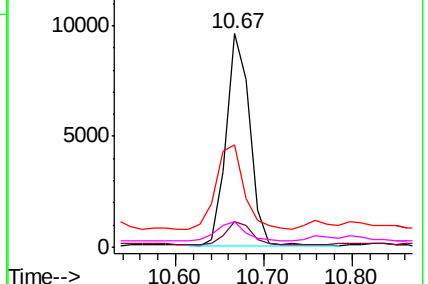
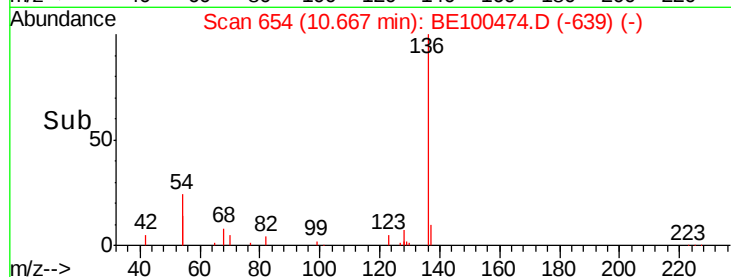


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.446 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

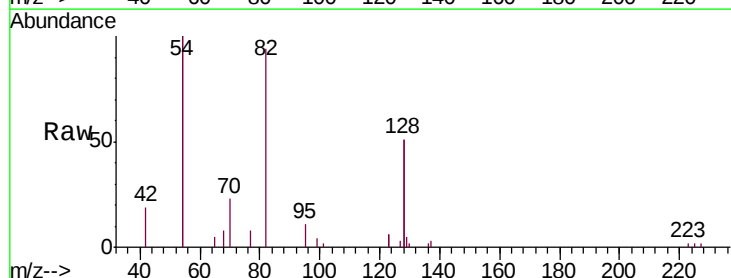
Tgt Ion: 82 Resp: 6320

Ion Ratio Lower Upper

82 100

128 109.0 100.7 151.1

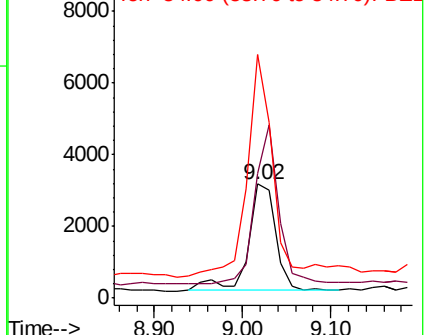
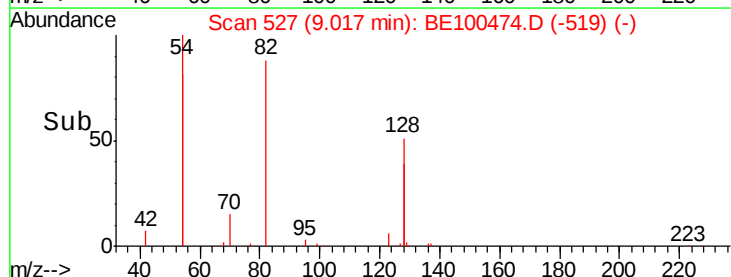
54 213.1 164.4 246.6

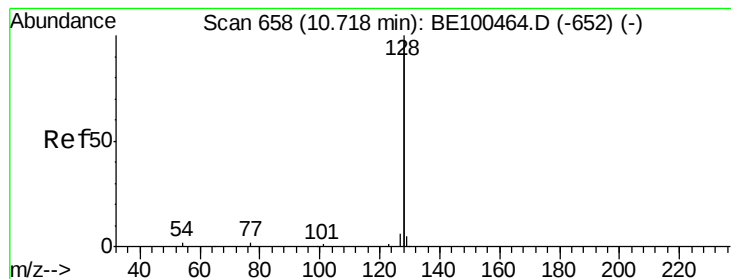


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 2.575 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

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HJDC-COMP1MSD

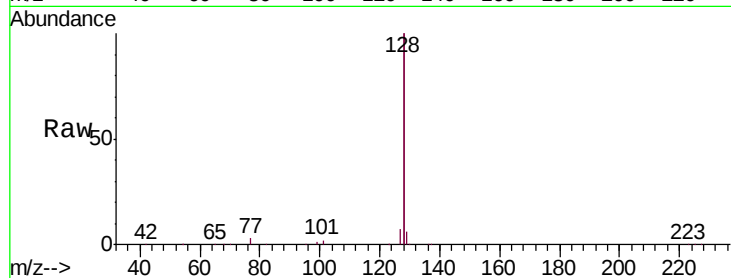
Tgt Ion:128 Resp: 432143

Ion Ratio Lower Upper

128 100

129 2.8 2.4 3.6

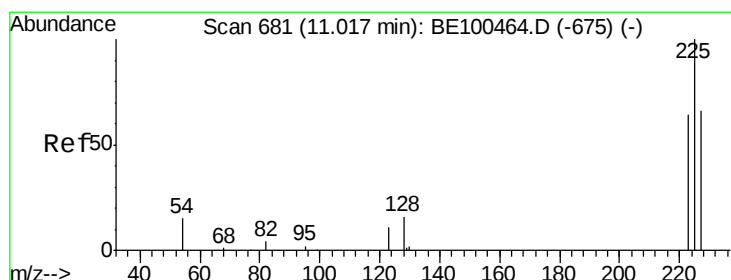
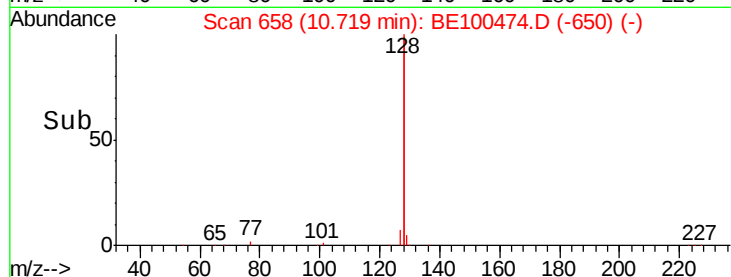
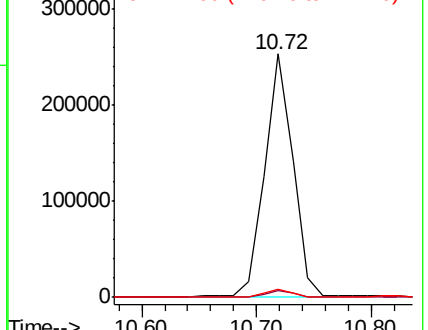
127 3.3 2.6 4.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.343 ng

RT: 11.02 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

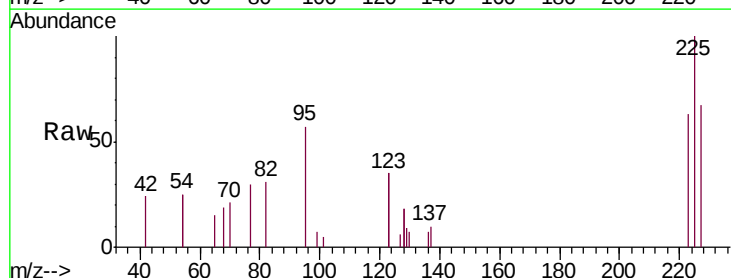
Tgt Ion:225 Resp: 2756

Ion Ratio Lower Upper

225 100

223 63.4 51.7 77.5

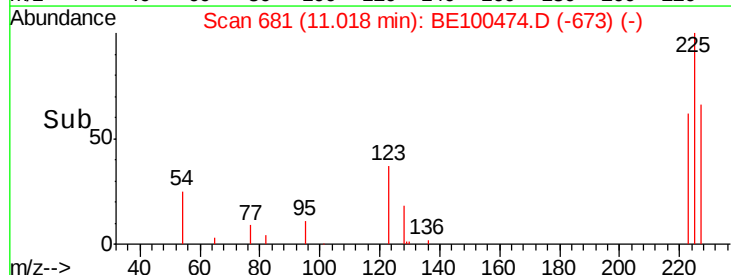
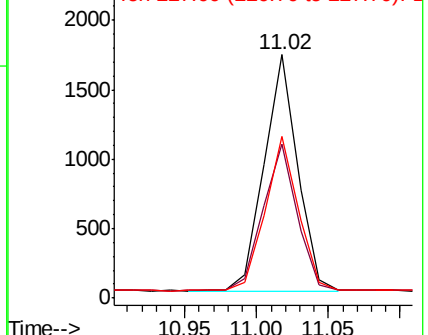
227 64.7 50.9 76.3

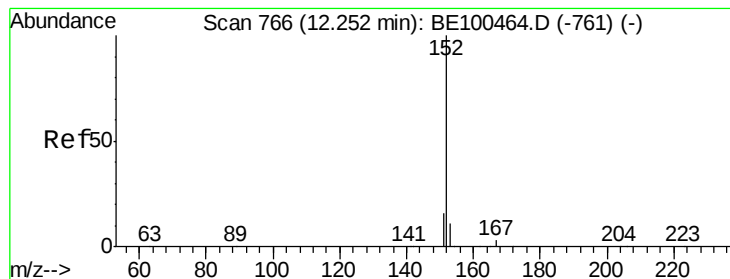


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.477 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

ClientSampleId :

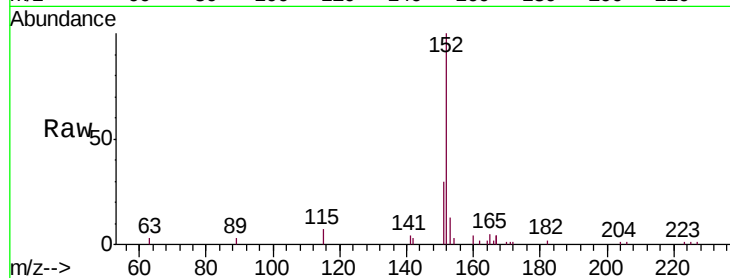
HJDC-COMP1MSD

Tgt Ion:152 Resp: 13440

Ion Ratio Lower Upper

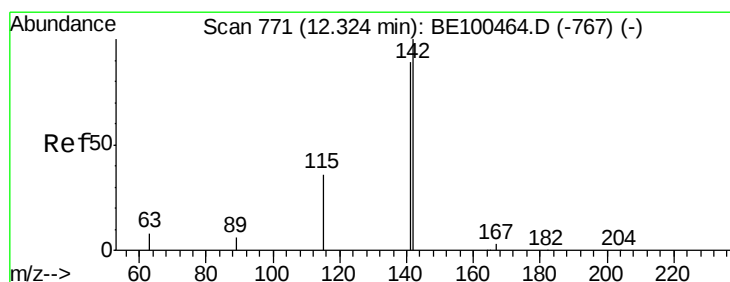
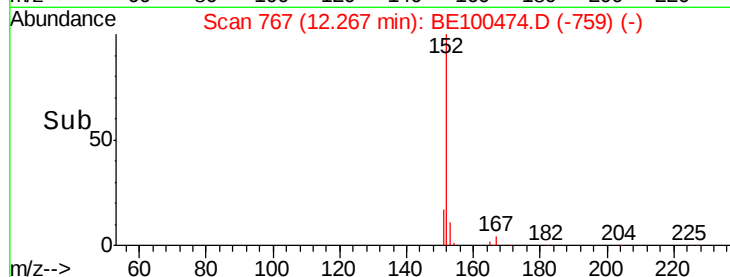
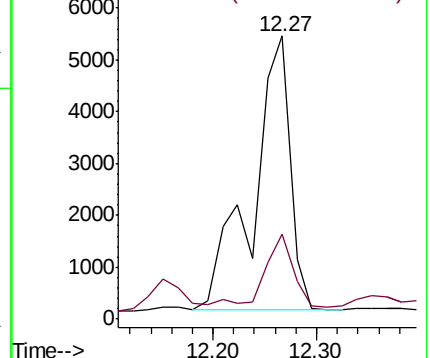
152 100

151 19.8 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: 2.006 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

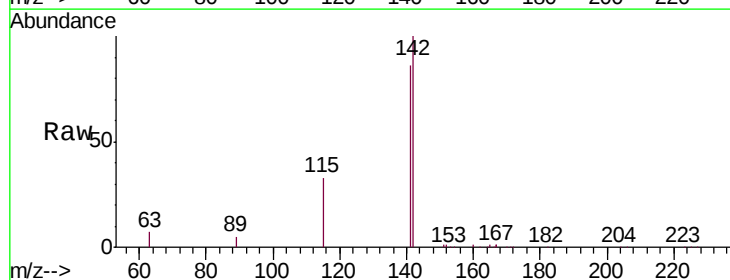
Tgt Ion:142 Resp: 58699

Ion Ratio Lower Upper

142 100

141 86.0 71.7 107.5

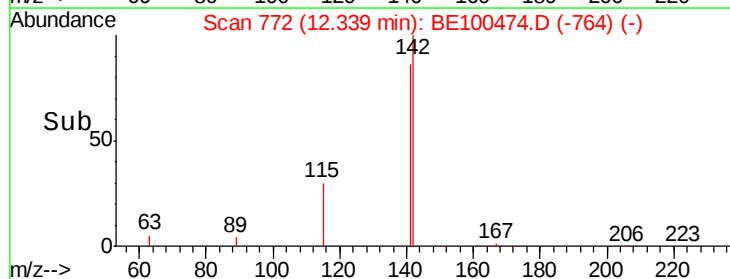
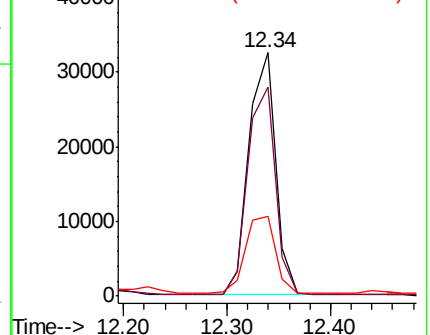
115 33.0 30.4 45.6

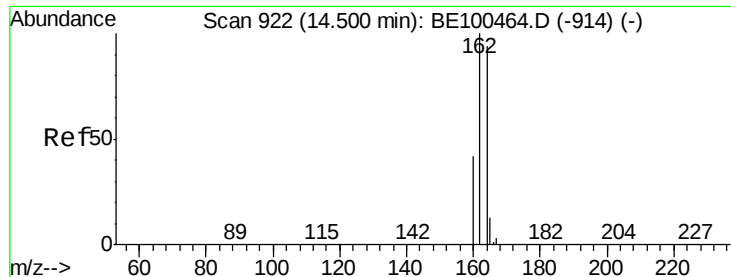


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

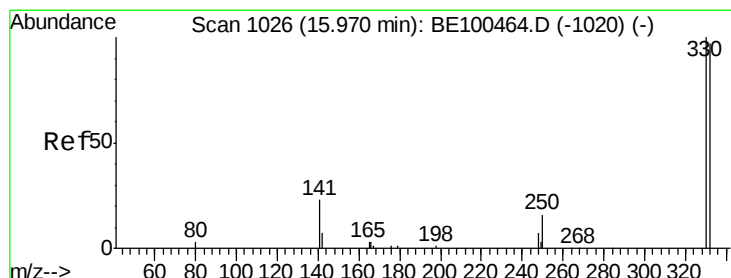
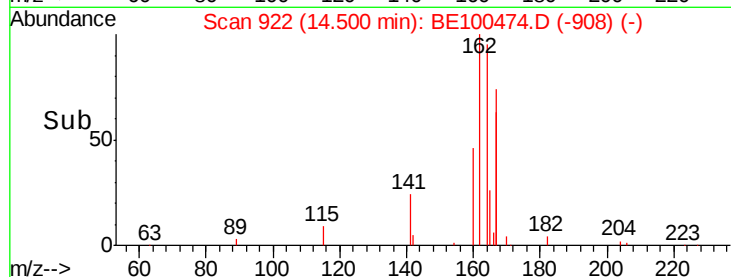
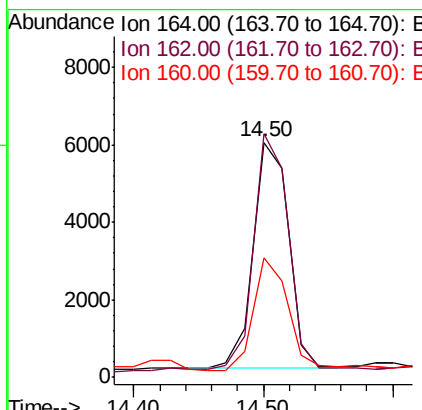
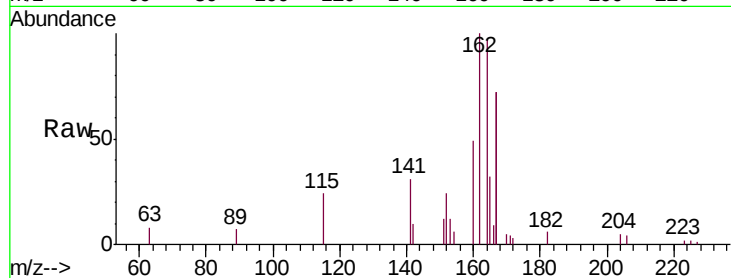




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BE100474.D
 Acq: 19 Jul 2019 17:52

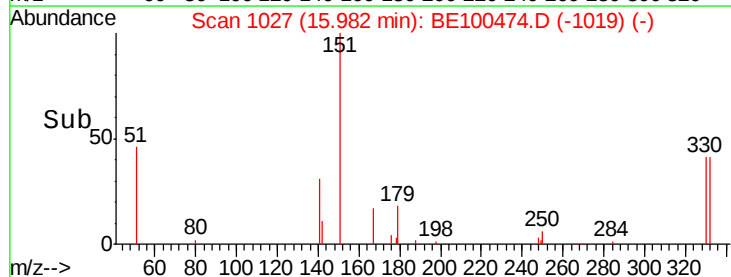
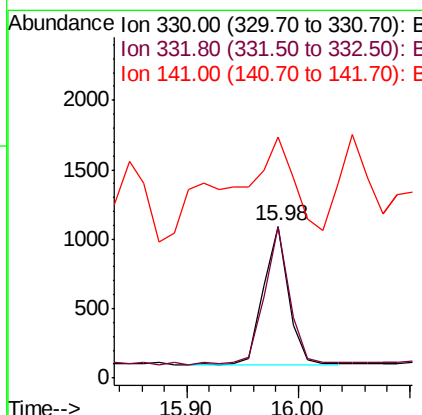
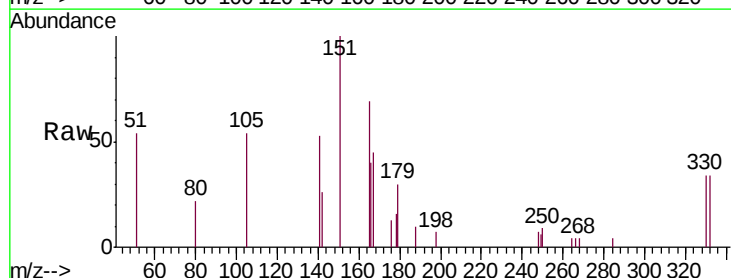
Instrument :
 BNA_E
 ClientSampleId :
 HJDC-COMP1MSD

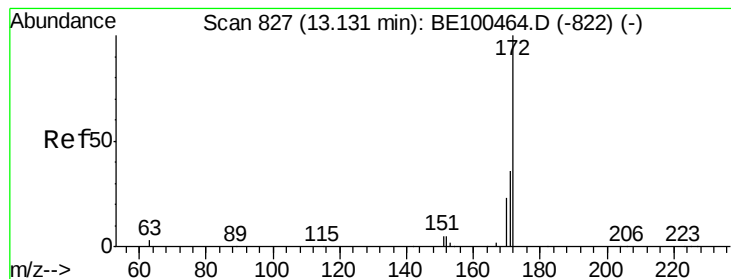
Tgt Ion:164 Resp: 11177
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.0 127.6
 160 50.9 36.2 54.2



#14
 2,4,6-Tribromophenol
 Concen: 0.337 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE100474.D
 Acq: 19 Jul 2019 17:52

Tgt Ion:330 Resp: 1583
 Ion Ratio Lower Upper
 330 100
 332 101.8 76.3 114.5
 141 79.0 29.4 44.2#





#15

2-Fluorobiphenyl

Concen: 0.281 ng

RT: 13.13 min Scan# 827

Delta R.T. 0.00 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MSD

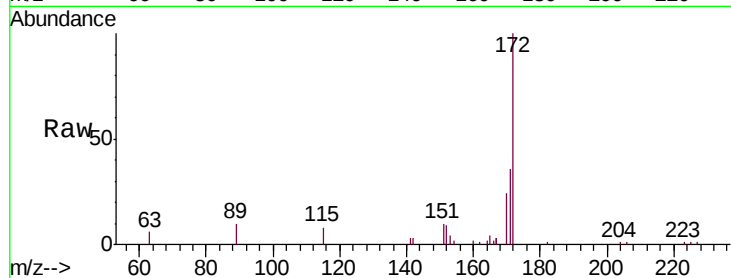
Tgt Ion:172 Resp: 12923

Ion Ratio Lower Upper

172 100

171 36.3 29.2 43.8

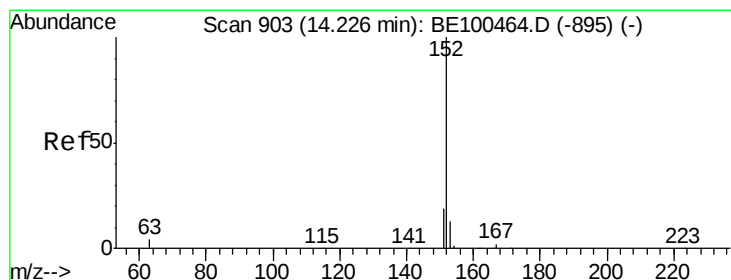
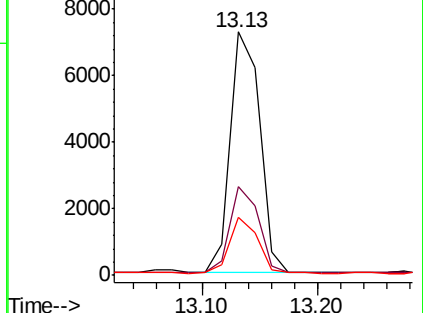
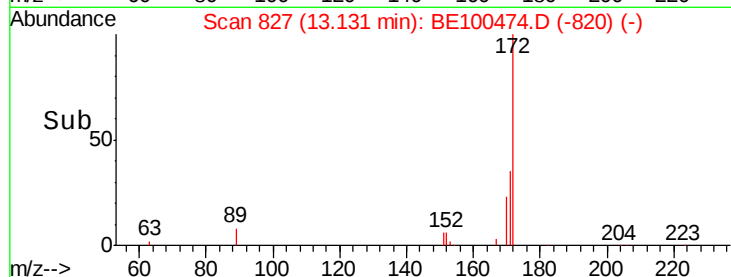
170 24.1 18.8 28.2



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: 3.207 ng

RT: 14.23 min Scan# 903

Delta R.T. 0.00 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

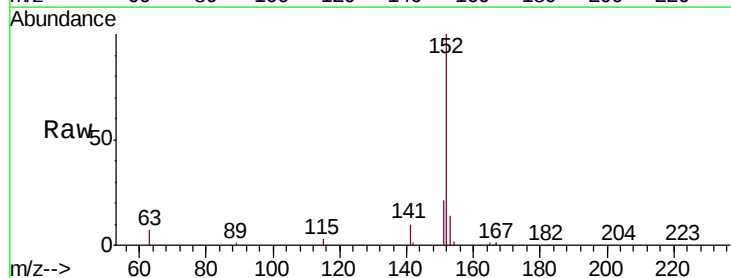
Tgt Ion:152 Resp: 164709

Ion Ratio Lower Upper

152 100

151 20.1 15.5 23.3

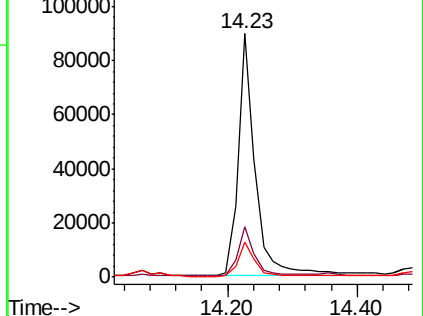
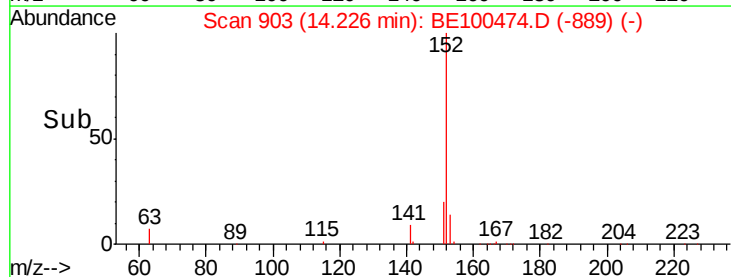
153 14.1 10.6 15.8

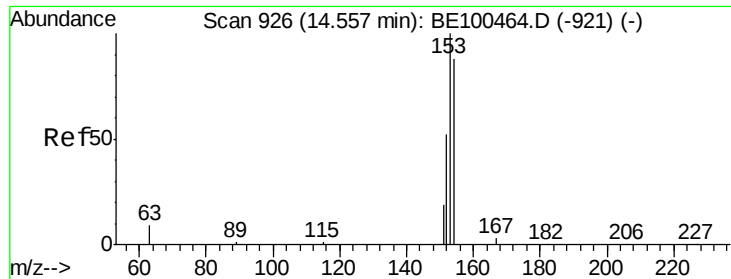


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

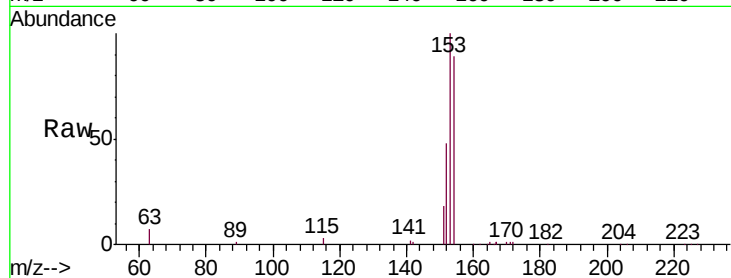




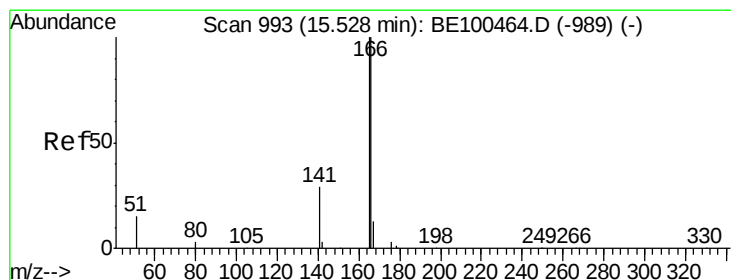
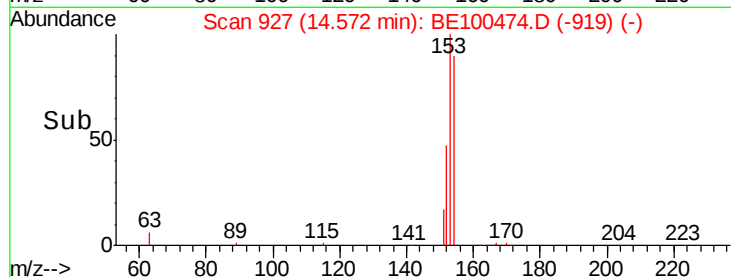
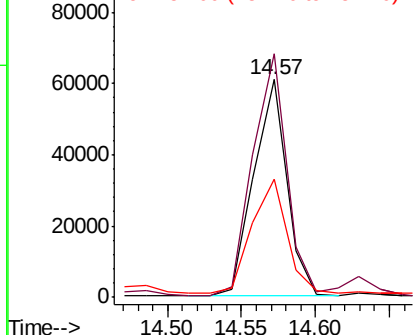
#17
Acenaphthene
Concen: 3.013 ng
RT: 14.57 min Scan# 927
Delta R.T. 0.01 min
Lab File: BE100474.D
Acq: 19 Jul 2019 17:52

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1MSD

Tgt Ion:154 Resp: 94136
Ion Ratio Lower Upper
154 100
153 116.8 89.4 134.2
152 56.5 44.4 66.6

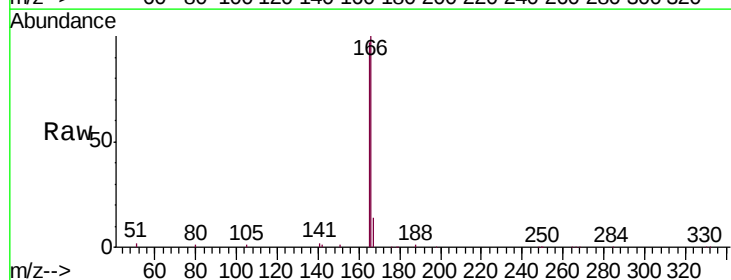


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

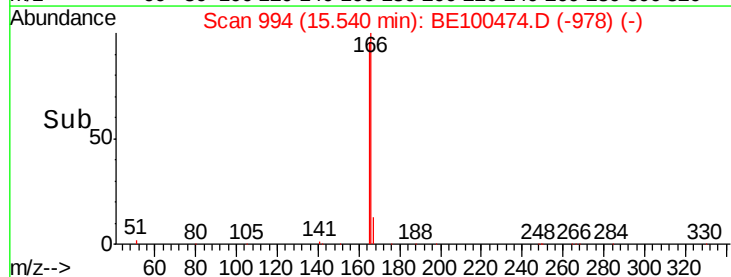
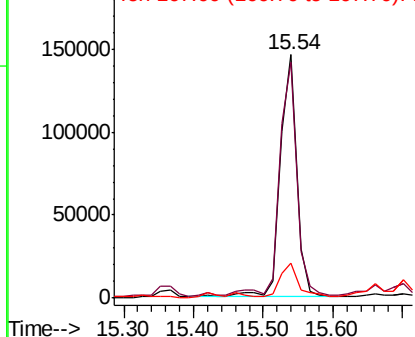


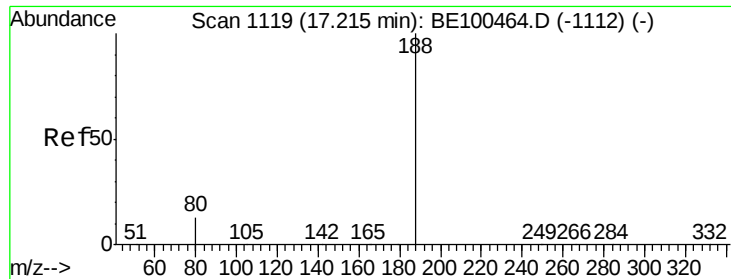
#18
Fluorene
Concen: 5.800 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.01 min
Lab File: BE100474.D
Acq: 19 Jul 2019 17:52

Tgt Ion:166 Resp: 240974
Ion Ratio Lower Upper
166 100
165 102.5 79.8 119.8
167 15.4 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: 17.23 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MSD

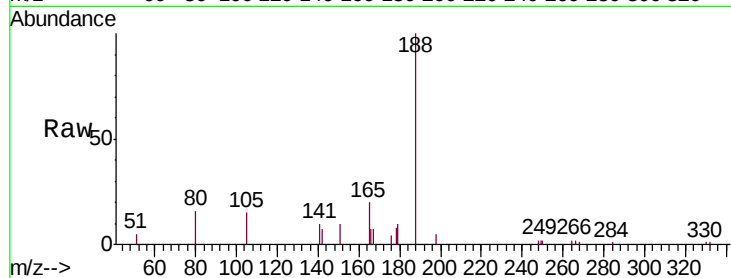
Tgt Ion:188 Resp: 23816

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

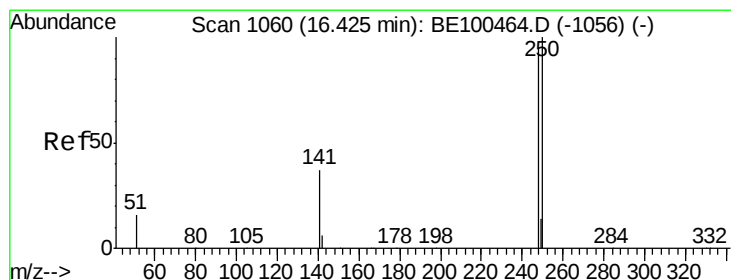
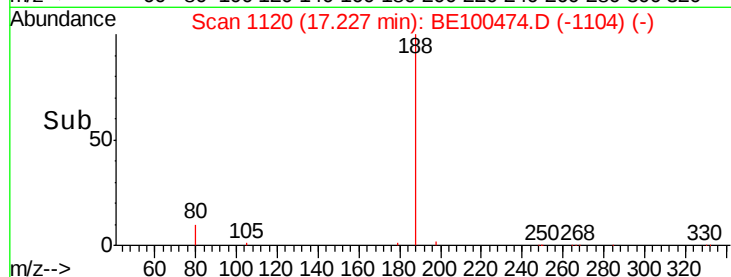
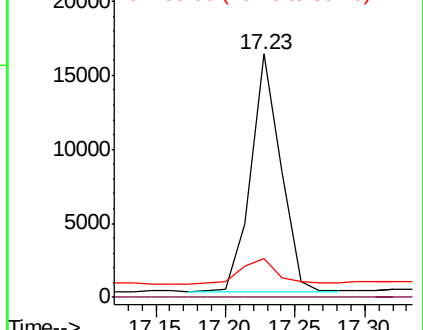
80 15.7 10.7 16.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.413 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

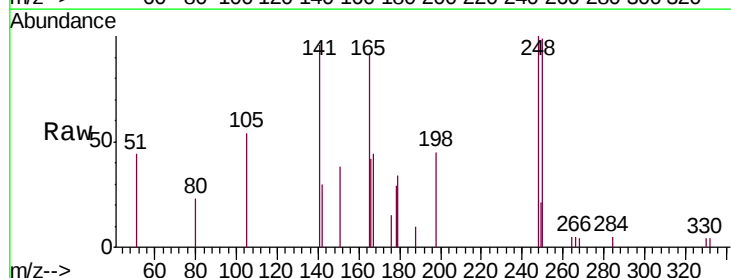
Tgt Ion:248 Resp: 4540

Ion Ratio Lower Upper

248 100

250 99.1 83.9 125.9

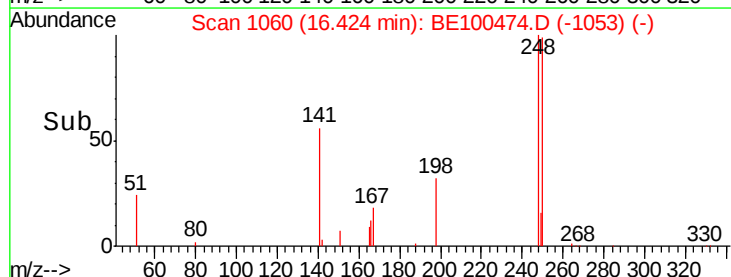
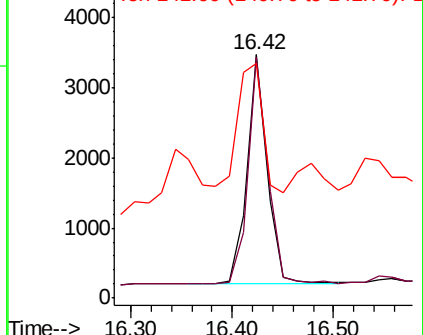
141 96.1 33.7 50.5#

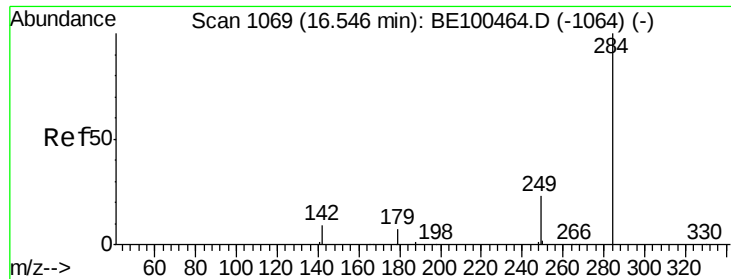


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.364 ng

RT: 16.56 min Scan# 1070

Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MSD

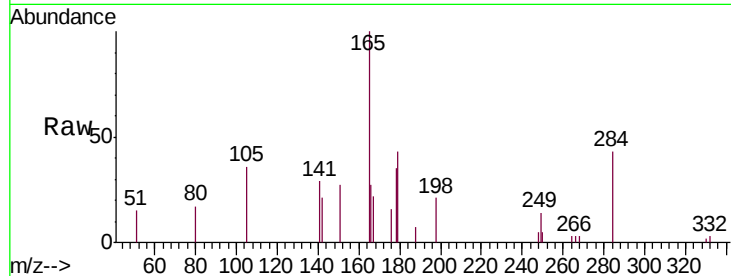
Tgt Ion:284 Resp: 4176

Ion Ratio Lower Upper

284 100

142 44.0 27.4 41.2#

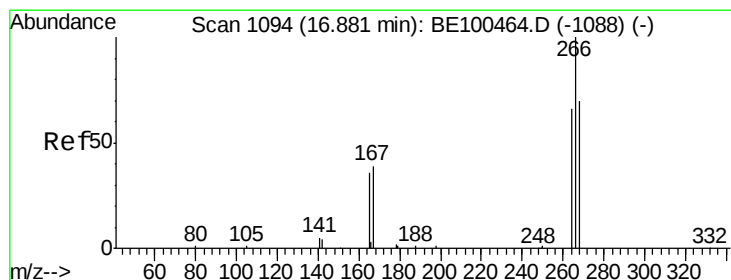
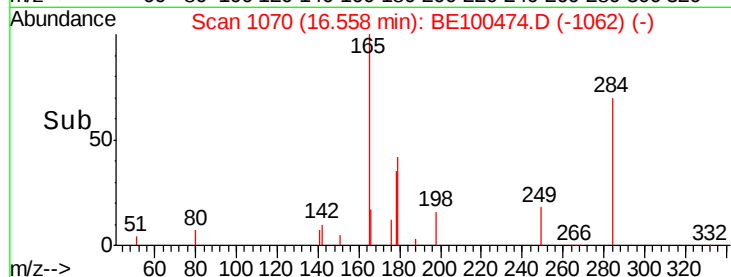
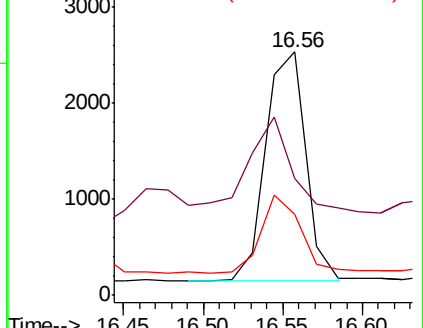
249 35.0 25.1 37.7



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: 0.575 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

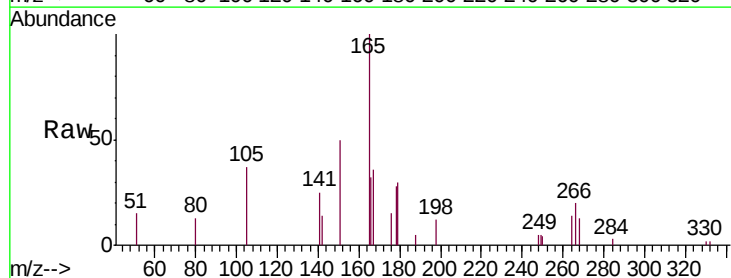
Tgt Ion:266 Resp: 2369

Ion Ratio Lower Upper

266 100

264 70.4 55.5 83.3

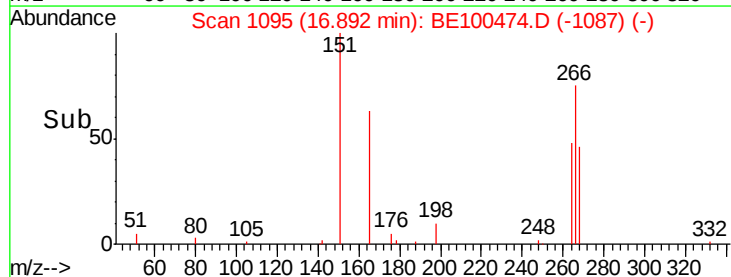
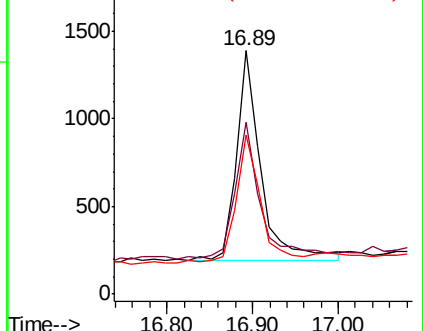
268 65.6 59.2 88.8

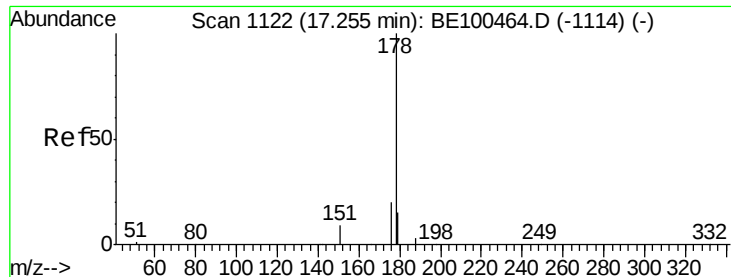


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

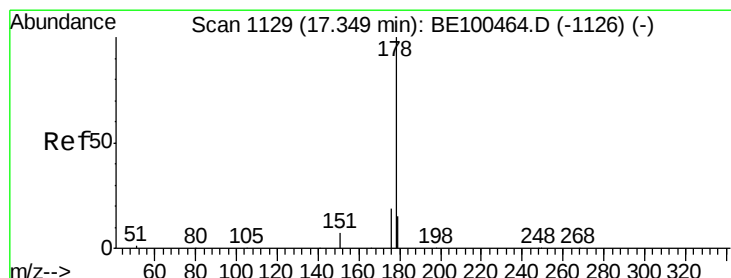
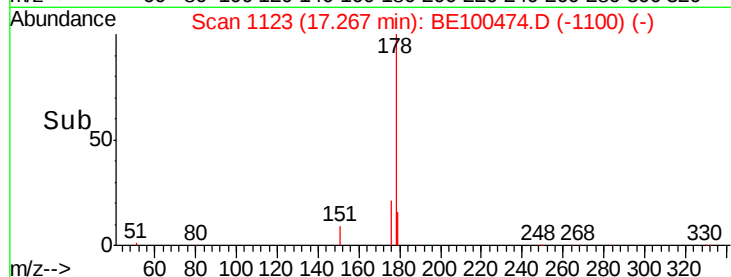
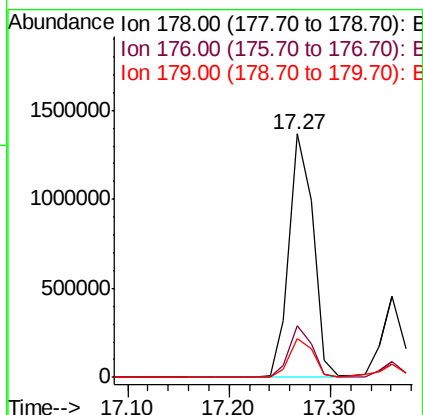
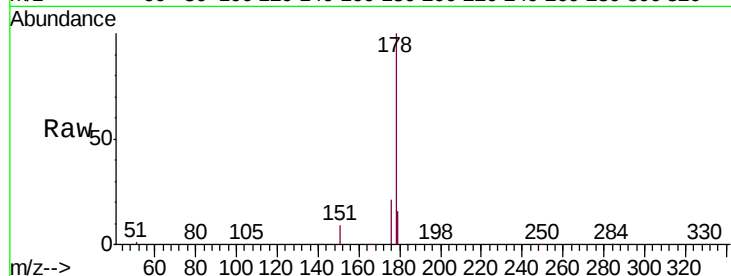




#23
Phenanthrene
Concen: 38.038 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BE100474.D
Acq: 19 Jul 2019 17:52

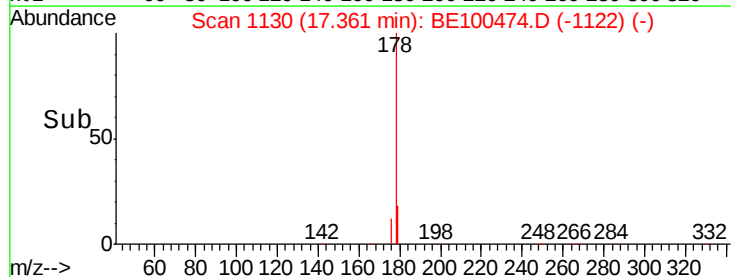
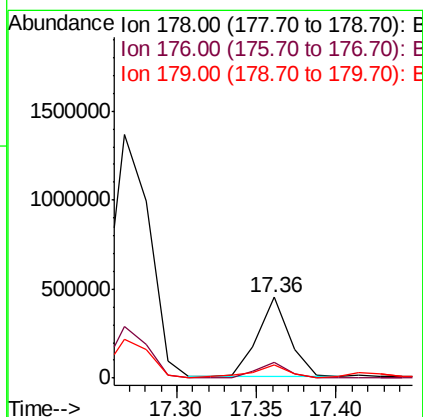
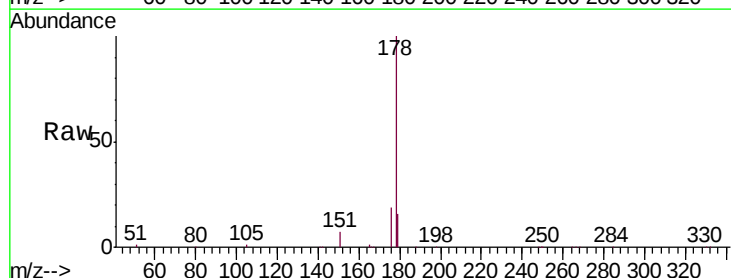
Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1MSD

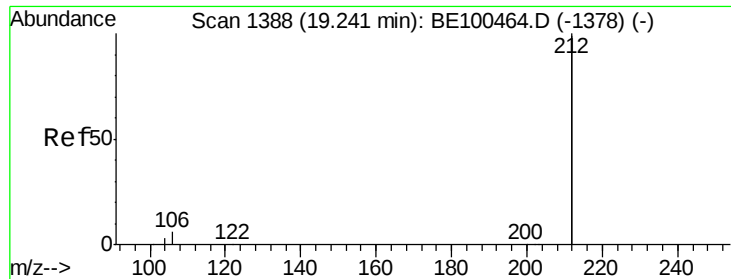
Tgt Ion:178 Resp: 2241060
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 16.1 12.5 18.7



#24
Anthracene
Concen: 11.512 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BE100474.D
Acq: 19 Jul 2019 17:52

Tgt Ion:178 Resp: 633733
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 17.3 12.2 18.2





#25

Fluoranthene-d10

Concen: 0.292 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MSD

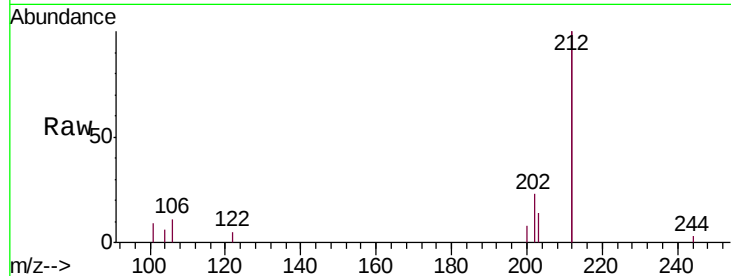
Tgt Ion:212 Resp: 97448

Ion Ratio Lower Upper

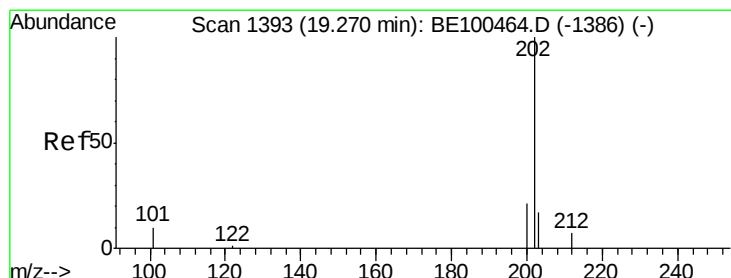
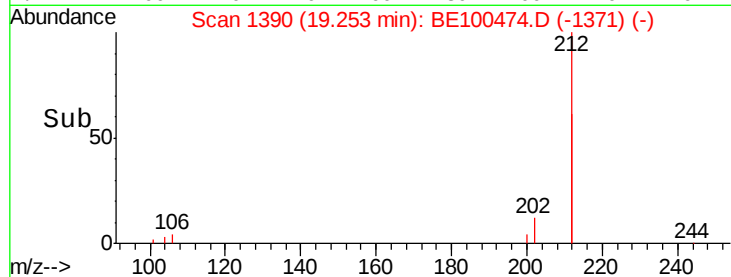
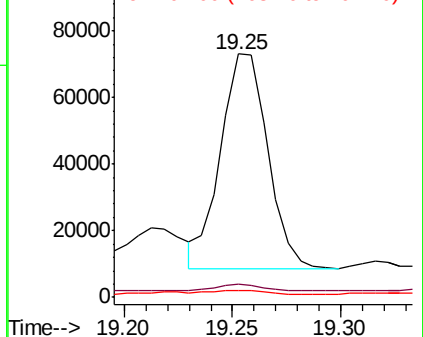
212 100

106 2.8 2.2 3.2

104 2.0 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: 45.189 ng

RT: 19.29 min Scan# 1396

Delta R.T. 0.02 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

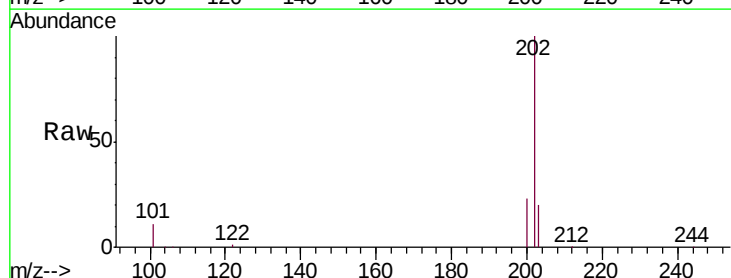
Tgt Ion:202 Resp: 3956055

Ion Ratio Lower Upper

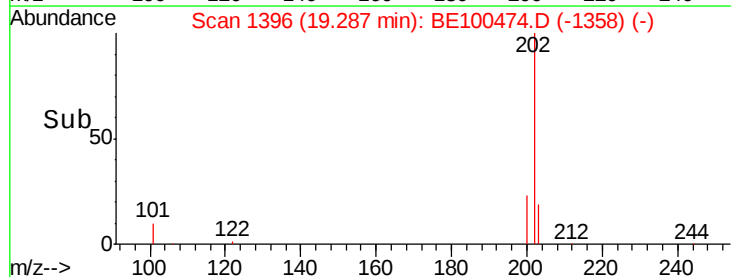
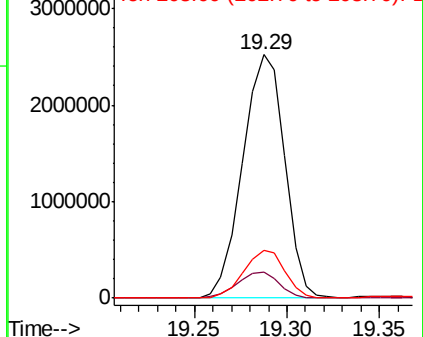
202 100

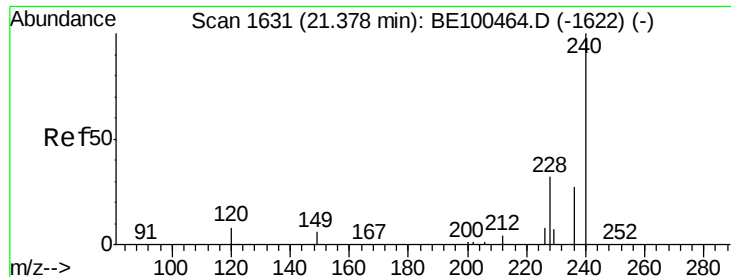
101 10.5 8.3 12.5

203 18.8 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: 21.40 min Scan# 1633

Delta R.T. 0.02 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MSD

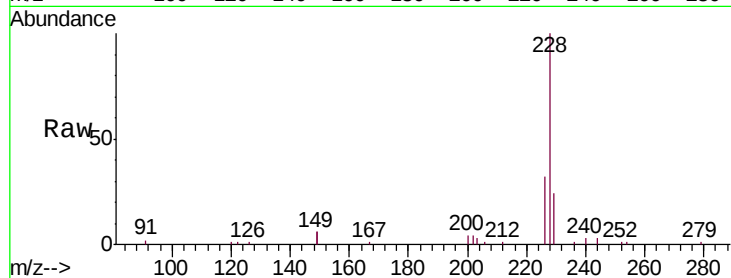
Tgt Ion:240 Resp: 28290

Ion Ratio Lower Upper

240 100

120 44.0 7.1 10.7#

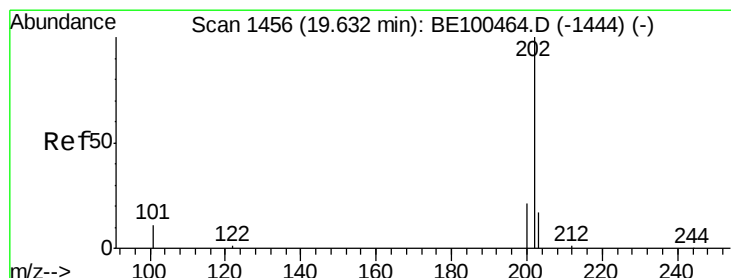
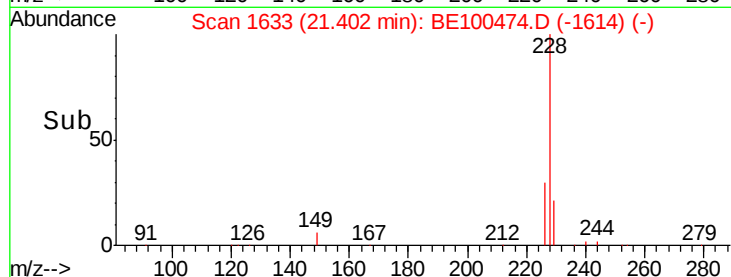
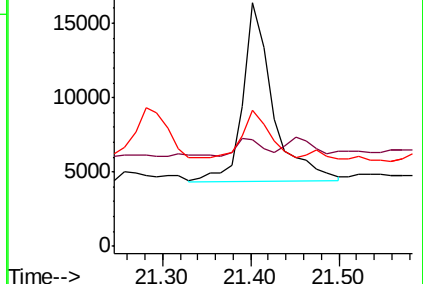
236 56.1 21.7 32.5#



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: 42.564 ng

RT: 19.65 min Scan# 1459

Delta R.T. 0.02 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

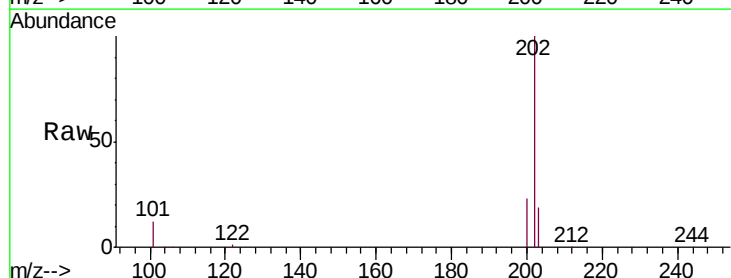
Tgt Ion:202 Resp: 3540839

Ion Ratio Lower Upper

202 100

200 22.6 16.7 25.1

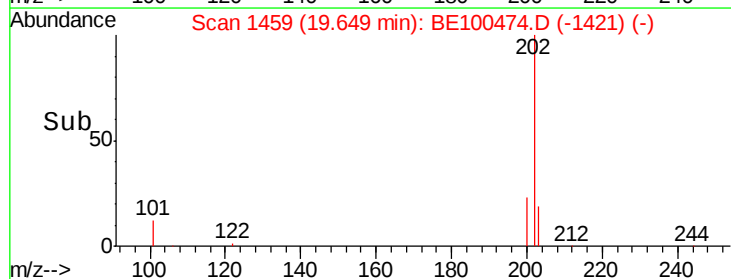
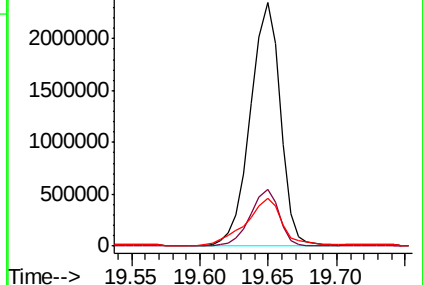
203 23.4 13.8 20.8#

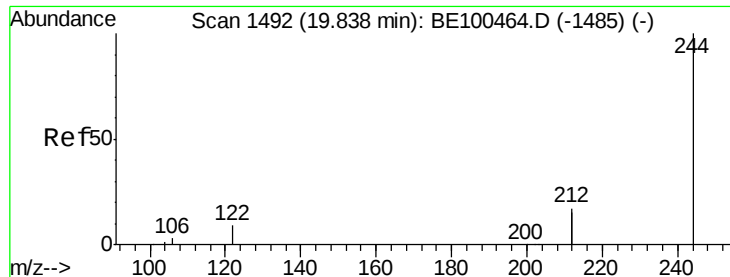


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

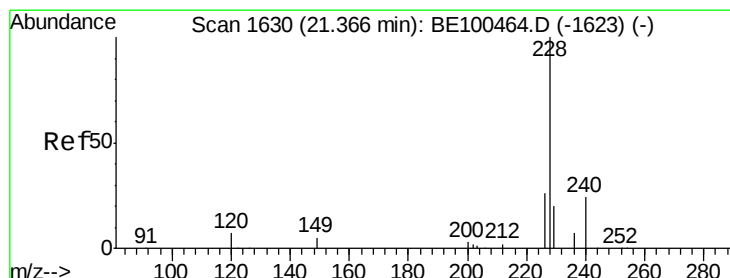
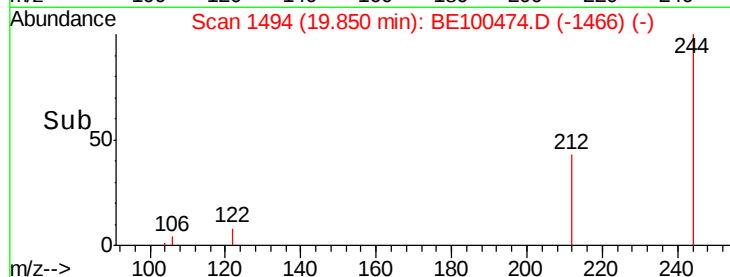
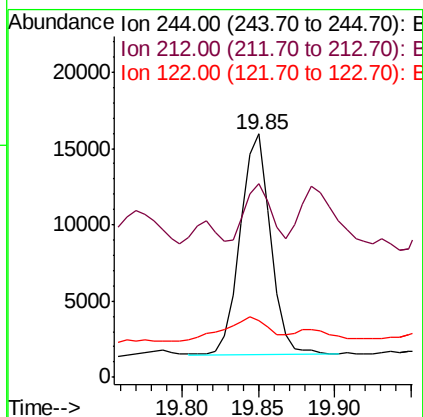
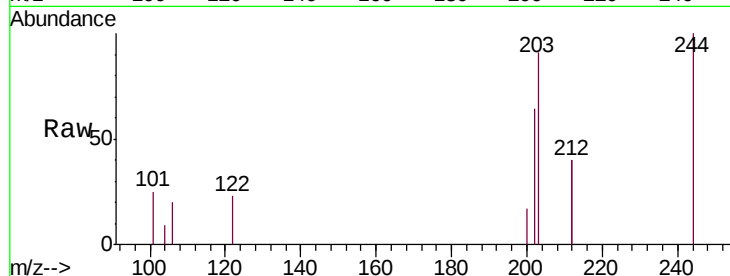




#29
 Terphenyl-d14
 Concen: 0.307 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BE100474.D
 Acq: 19 Jul 2019 17:52

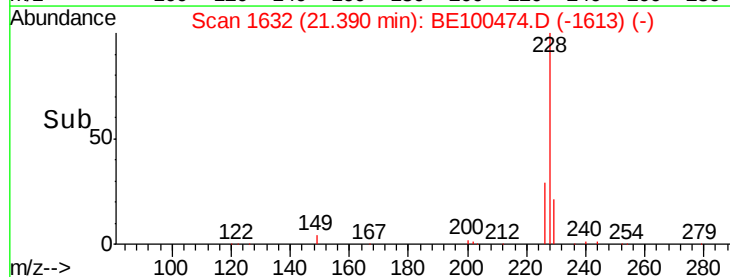
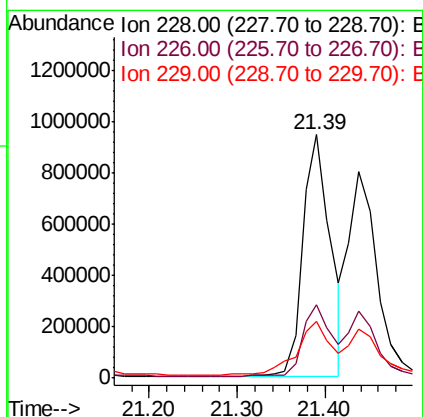
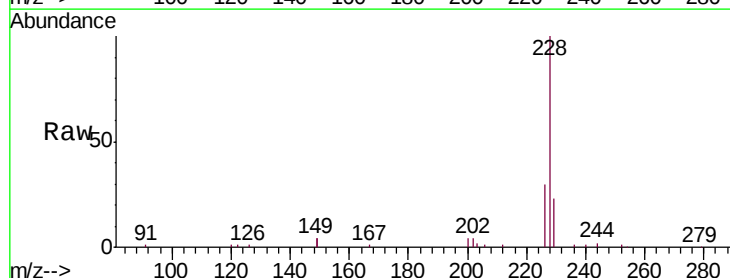
Instrument :
 BNA_E
 ClientSampleId :
 HJDC-COMP1MSD

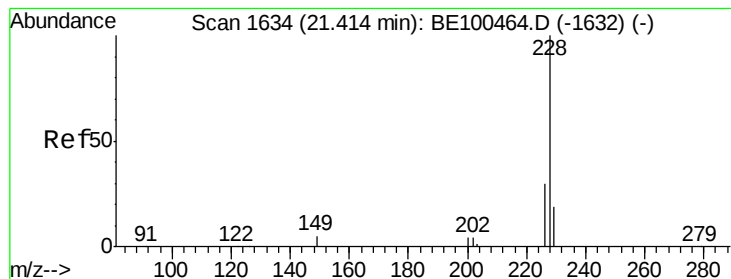
Tgt Ion:244 Resp: 20008
 Ion Ratio Lower Upper
 244 100
 212 79.6 26.6 40.0#
 122 23.5 7.6 11.4#



#30
 Benzo(a)anthracene
 Concen: 23.990 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. 0.02 min
 Lab File: BE100474.D
 Acq: 19 Jul 2019 17:52

Tgt Ion:228 Resp: 2070042
 Ion Ratio Lower Upper
 228 100
 226 30.2 21.3 31.9
 229 23.2 16.6 25.0





#31

Chrysene

Concen: 20.331 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.02 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MSD

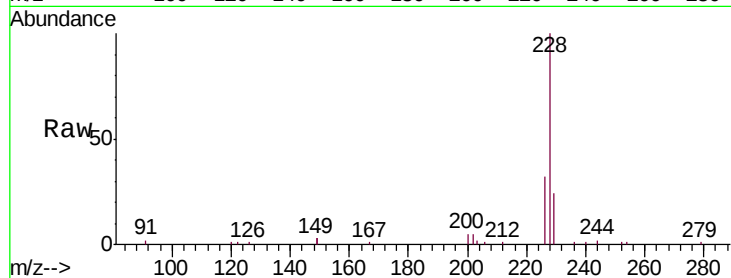
Tgt Ion:228 Resp: 1749876

Ion Ratio Lower Upper

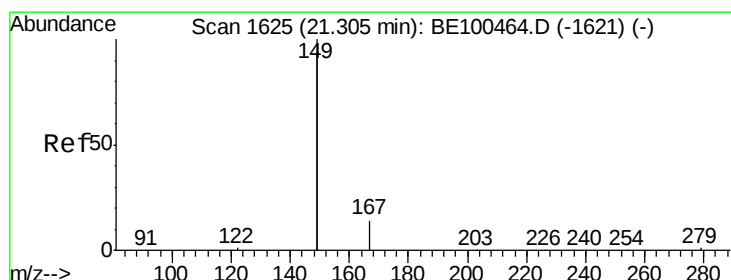
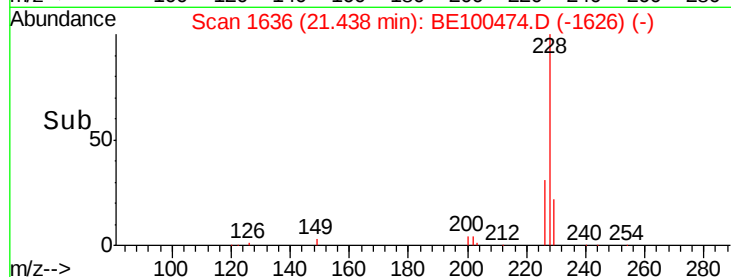
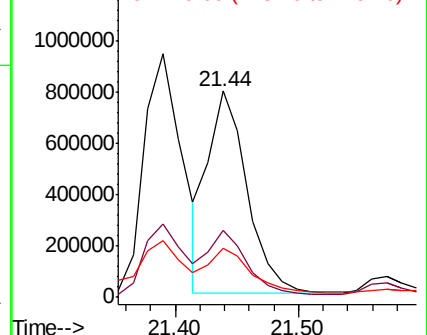
228 100

226 32.2 24.5 36.7

229 23.7 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.863 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

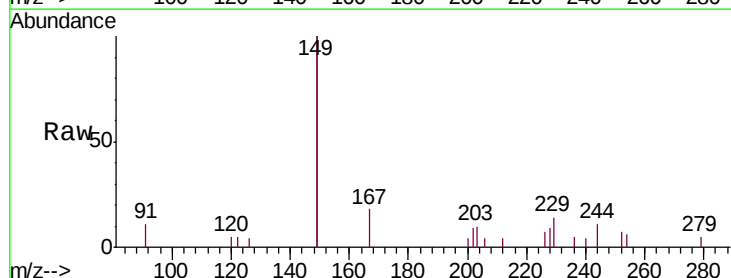
Tgt Ion:149 Resp: 356734

Ion Ratio Lower Upper

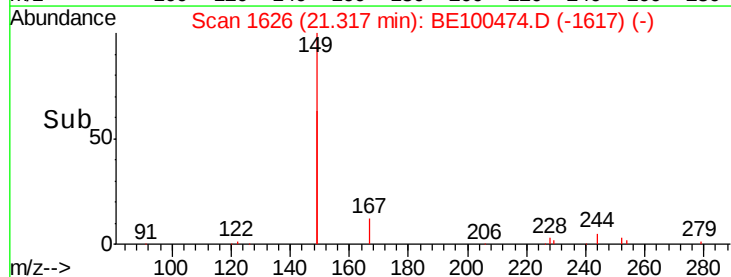
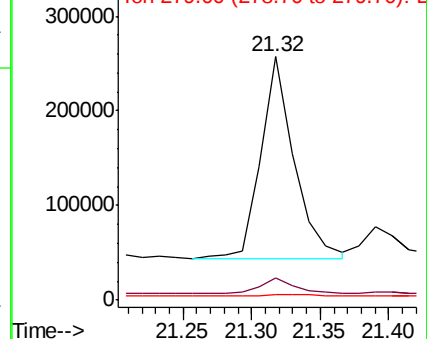
149 100

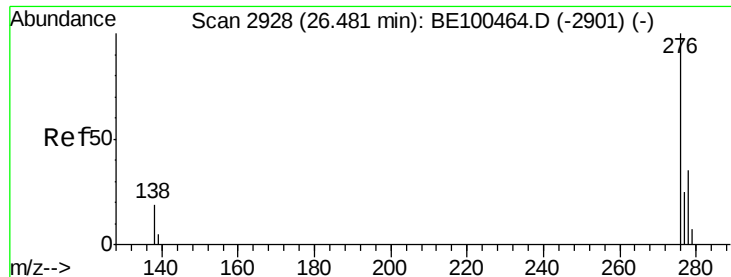
167 7.4 5.8 8.6

279 1.5 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: 0.097 ng

RT: 26.48 min Scan# 2929

Delta R.T. 0.00 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MSD

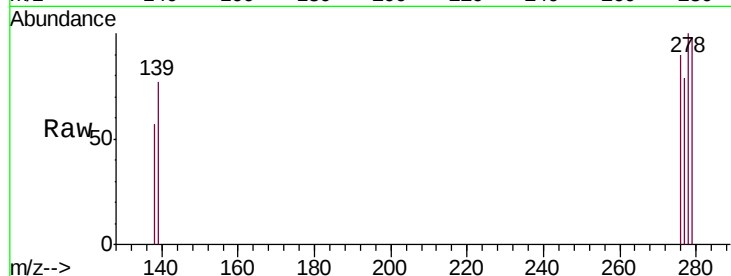
Tgt Ion:276 Resp: 9016

Ion Ratio Lower Upper

276 100

138 1.6 17.4 26.0#

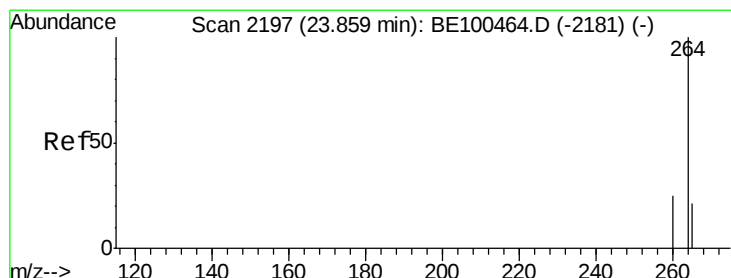
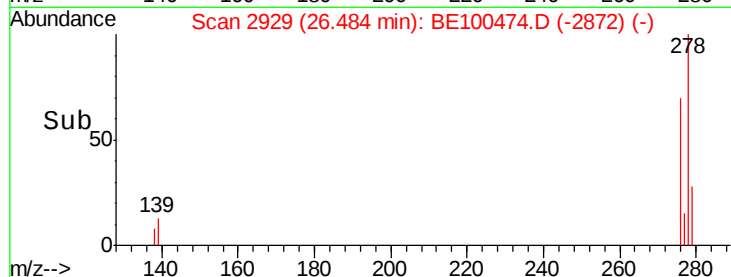
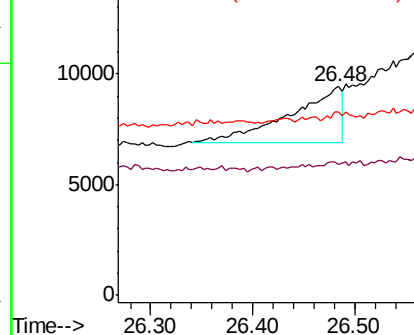
277 3.9 19.4 29.0#



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: 23.85 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

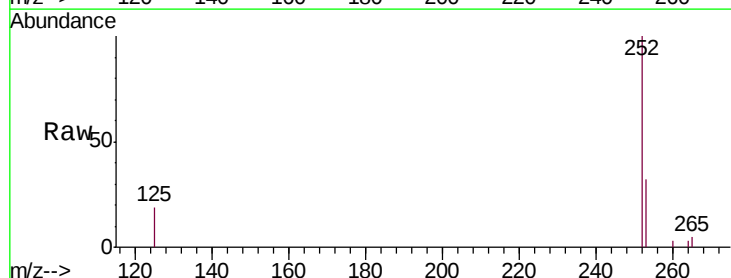
Tgt Ion:264 Resp: 131

Ion Ratio Lower Upper

264 100

260 131.0 20.7 31.1#

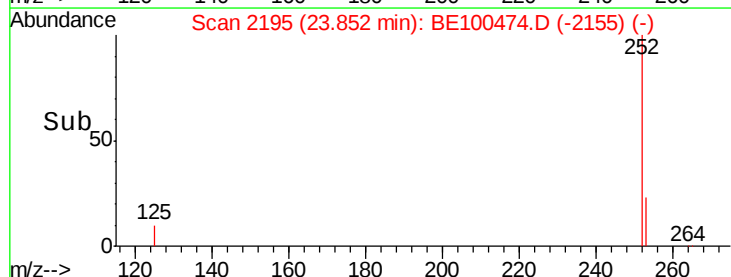
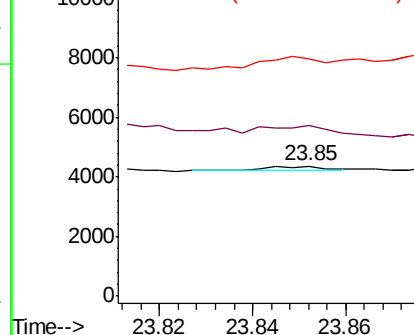
265 183.2 23.4 35.0#

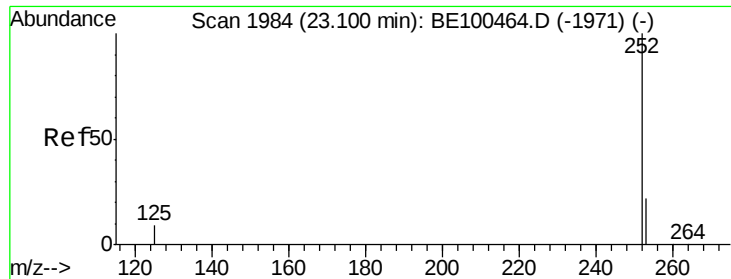


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3470.551 ng

RT: 23.22 min Scan# 2019

Delta R.T. 0.12 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MSD

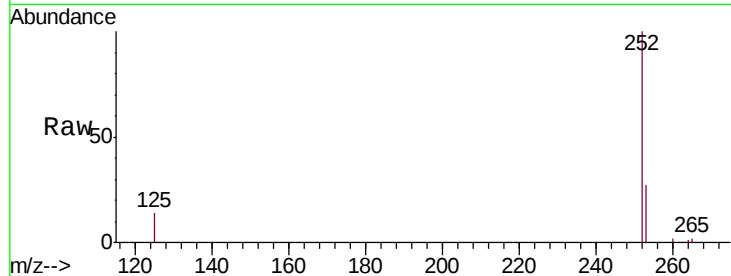
Tgt Ion:252 Resp: 1256263

Ion Ratio Lower Upper

252 100

253 27.4 18.5 27.7

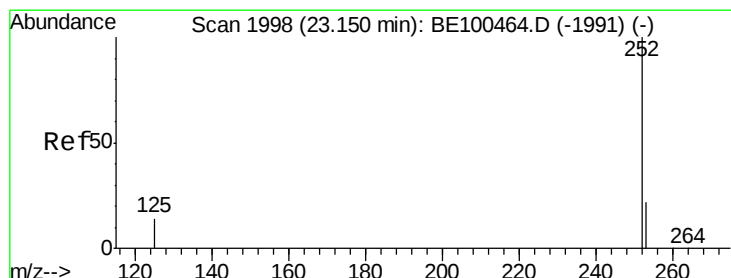
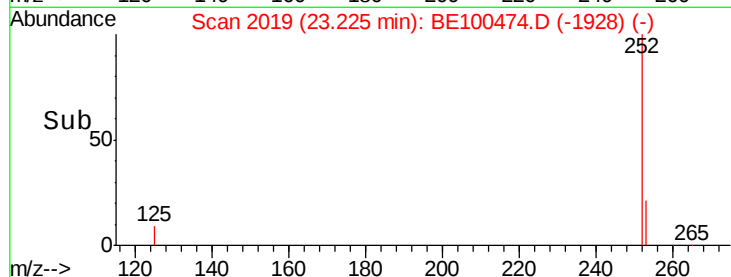
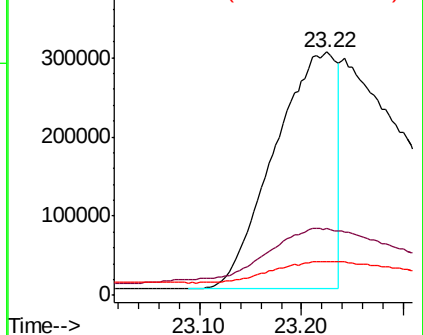
125 13.9 9.0 13.4#



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: 3263.623 ng

RT: 23.22 min Scan# 2019

Delta R.T. 0.08 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

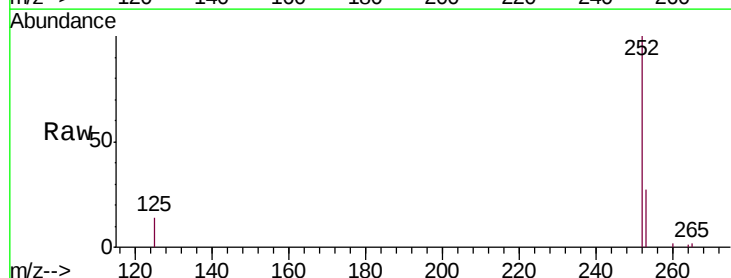
Tgt Ion:252 Resp: 1255254

Ion Ratio Lower Upper

252 100

253 27.4 19.0 28.4

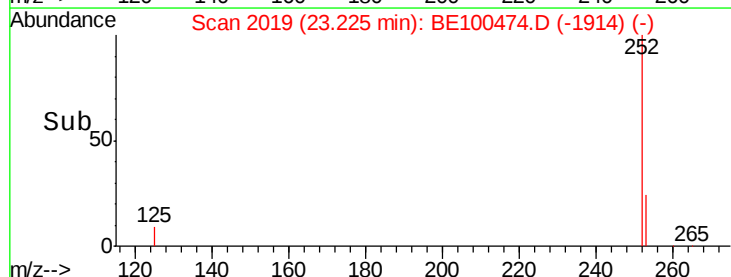
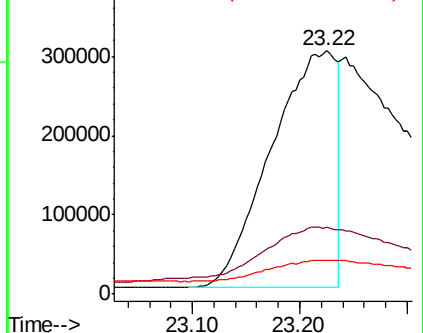
125 13.9 11.8 17.8

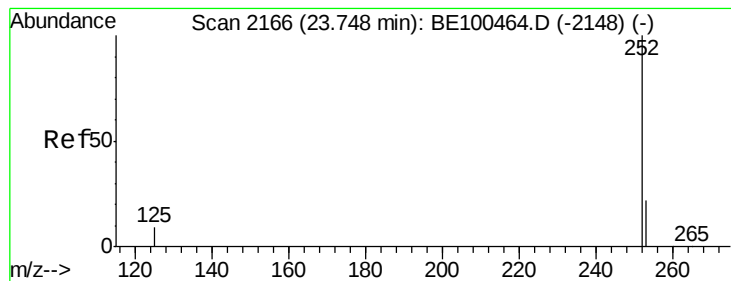


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 714.027 ng

RT: 23.76 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MSD

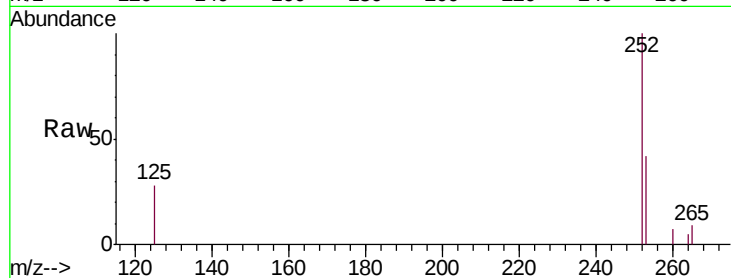
Tgt Ion: 252 Resp: 249280

Ion Ratio Lower Upper

252 100

253 42.1 19.1 28.7#

125 28.5 10.0 15.0#

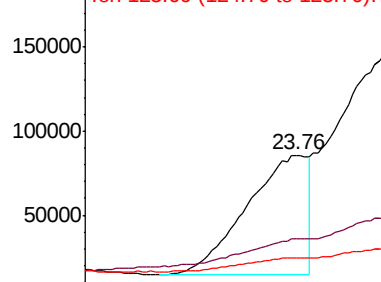


Abundance

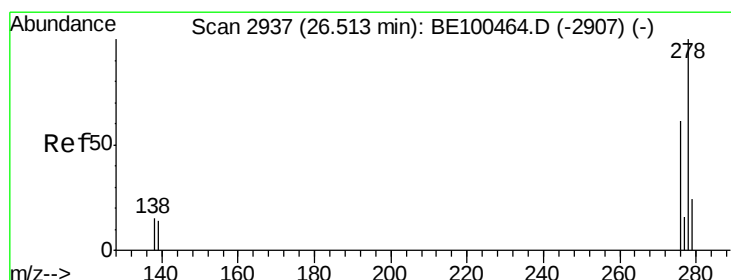
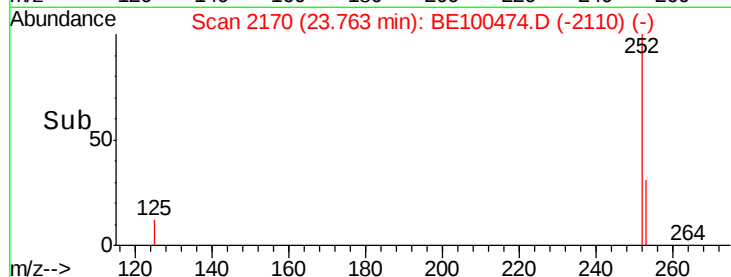
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#38

Dibenzo(a,h)anthracene

Concen: 55.632 ng

RT: 26.49 min Scan# 2931

Delta R.T. -0.02 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

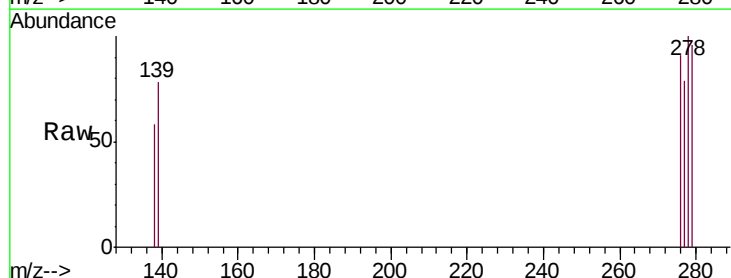
Tgt Ion: 278 Resp: 18295

Ion Ratio Lower Upper

278 100

139 78.2 13.0 19.6#

279 96.2 20.4 30.6#

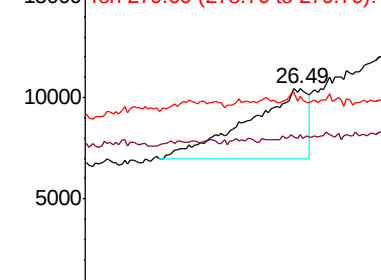


Abundance

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



Time-->

