

Data File : BE100473.D
Acq On : 19 Jul 2019 17:13
Operator : HP/JU
Sample : K3911-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1MS

Quant Time: Jul 20 02:44:20 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	4143	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	17368	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	10678	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	22849	0.40	ng	0.01
27) Chrysene-d12	21.39	240	27787	0.40	ng	0.01
34) Perylene-d12	23.84	264	287	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	3253	0.32	ng	0.00
5) Phenol-d6	7.04	99	5350	0.37	ng	0.01
8) Nitrobenzene-d5	9.02	82	4547	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	9689	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1104	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	9307	0.21	ng	0.00
25) Fluoranthene-d10	19.25	212	68560	0.21	ng	0.00
29) Terphenyl-d14	19.85	244	15024	0.23	ng	0.00

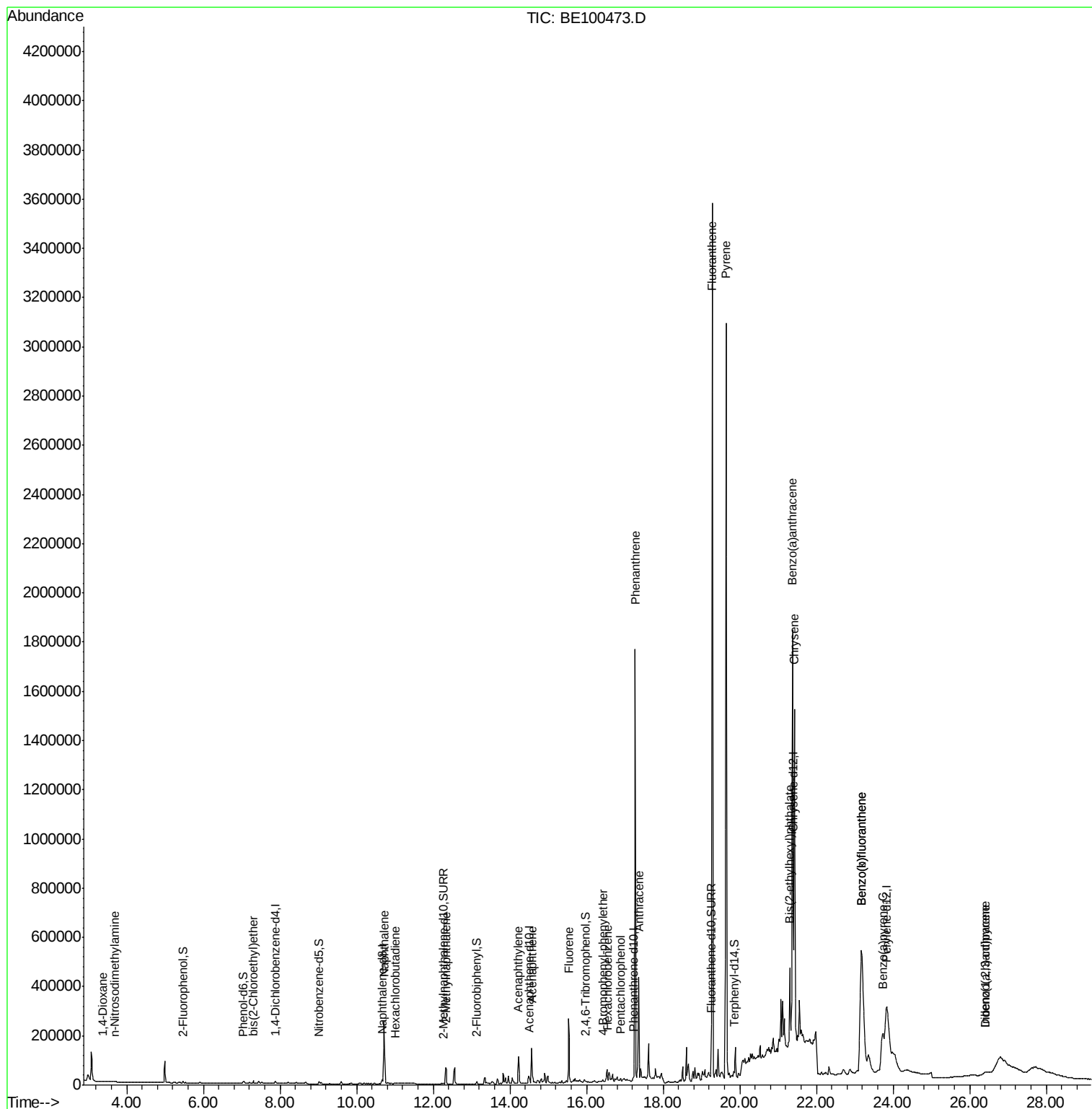
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.37	88	1287	0.202	ng	# 54
3) n-Nitrosodimethylamine	3.68	42	1146	0.312	ng	# 75
6) bis(2-Chloroethyl)ether	7.30	93	4460	0.356	ng	85
9) Naphthalene	10.72	128	391016	2.353	ng	100
10) Hexachlorobutadiene	11.02	225	2063	0.259	ng	97
12) 2-Methylnaphthalene	12.32	142	54086	1.866	ng	98
16) Acenaphthylene	14.23	152	122155	2.490	ng	98
17) Acenaphthene	14.57	154	85169	2.854	ng	97
18) Fluorene	15.53	166	203390	5.124	ng	97
20) 4-Bromophenyl-phenylether	16.42	248	3243	0.308	ng	# 79
21) Hexachlorobenzene	16.55	284	2890	0.263	ng	93
22) Pentachlorophenol	16.89	266	1641	0.467	ng	99
23) Phenanthrene	17.27	178	1775791	31.416	ng	99
24) Anthracene	17.36	178	500260	9.472	ng	98
26) Fluoranthene	19.28	202	3149735	37.501	ng	97
28) Pyrene	19.64	202	2862598	35.034	ng	# 92
30) Benzo(a)anthracene	21.38	228	1711275	20.192	ng	96
31) Chrysene	21.43	228	1357330	16.056	ng	95
32) Bis(2-ethylhexyl)phthalate	21.31	149	358562	1.906	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.41	276	14118	0.154	ng	# 57
35) Benzo(b)fluoranthene	23.18	252	2278582	2873.240	ng	94
36) Benzo(k)fluoranthene	23.18	252	2407160	2856.687	ng	94
37) Benzo(a)pyrene	23.73	252	525168	686.618	ng	# 77
38) Dibenzo(a,h)anthracene	26.41	278	16201	22.486	ng	# 1

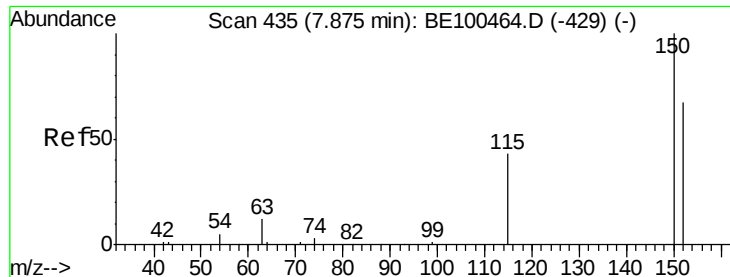
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE100473.D

Acq: 19 Jul 2019 17:13

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MS

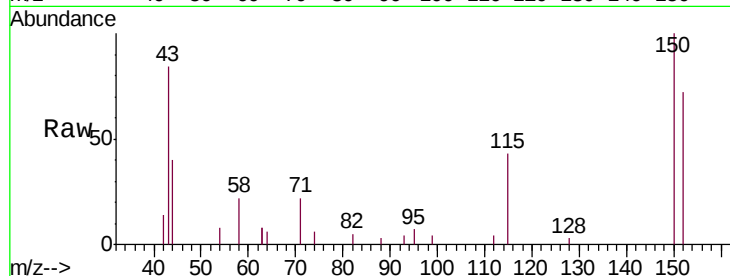
Tgt Ion:152 Resp: 4143

Ion Ratio Lower Upper

152 100

150 139.8 117.6 176.4

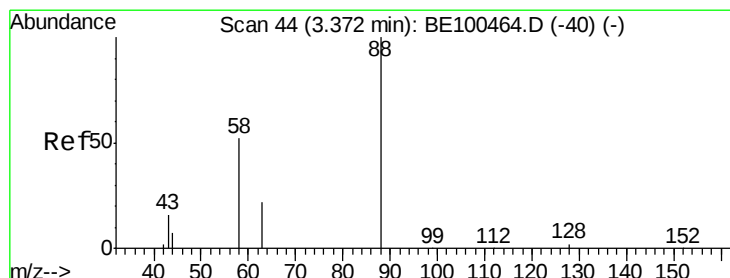
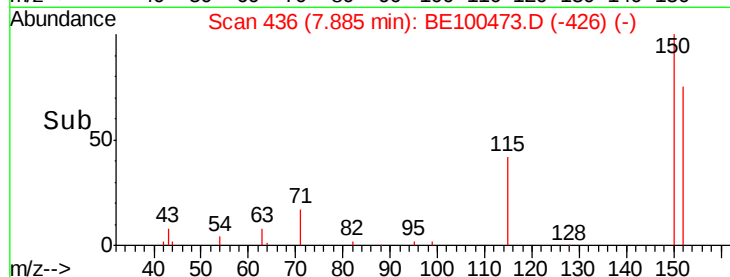
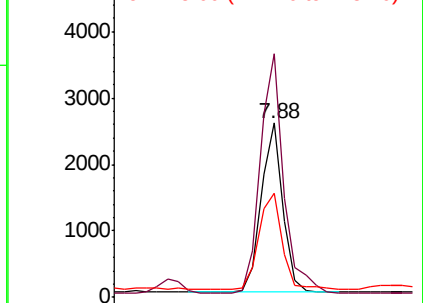
115 59.4 54.9 82.3



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: 0.202 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

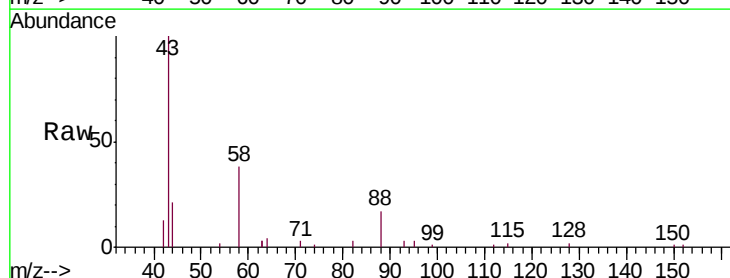
Tgt Ion: 88 Resp: 1287

Ion Ratio Lower Upper

88 100

58 97.4 50.2 75.4#

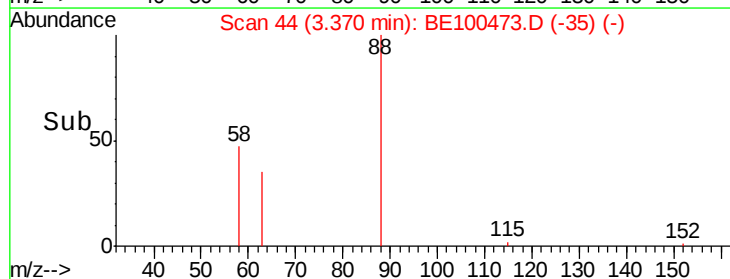
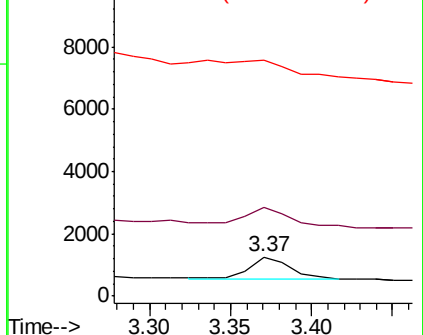
43 0.0 19.1 28.7#

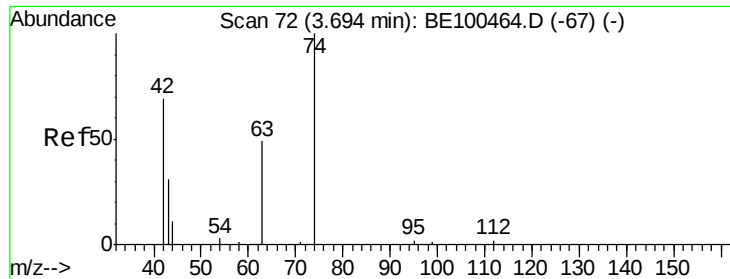


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.312 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MS

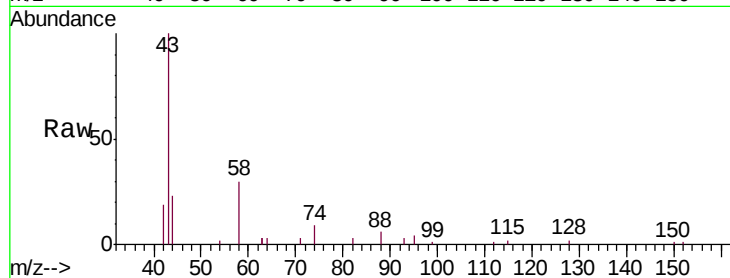
Tgt Ion: 42 Resp: 1146

Ion Ratio Lower Upper

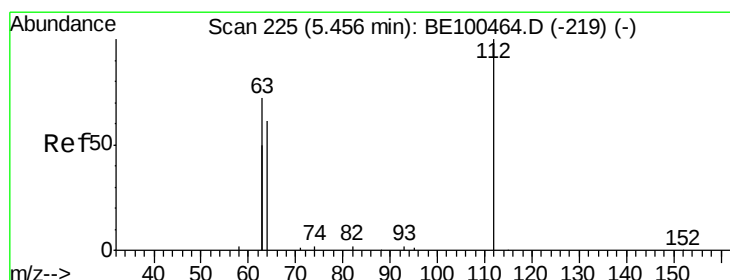
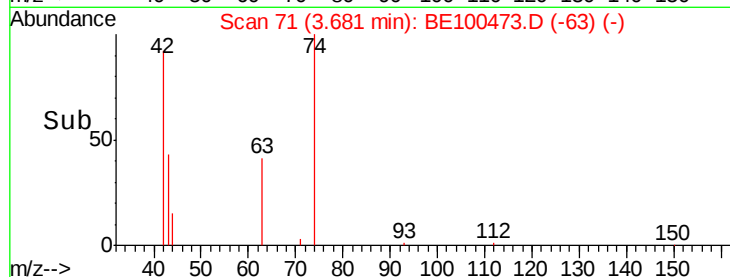
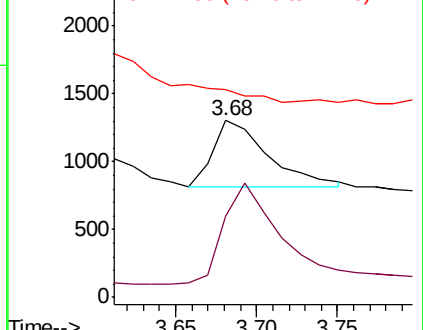
42 100

74 161.8 105.8 158.8#

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: 0.316 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.01 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

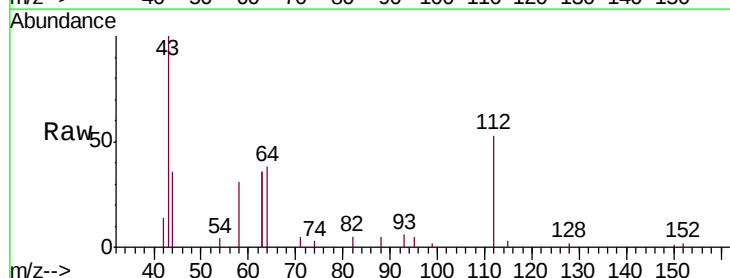
Tgt Ion: 112 Resp: 3253

Ion Ratio Lower Upper

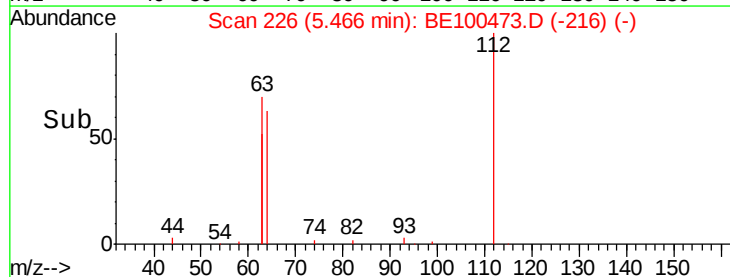
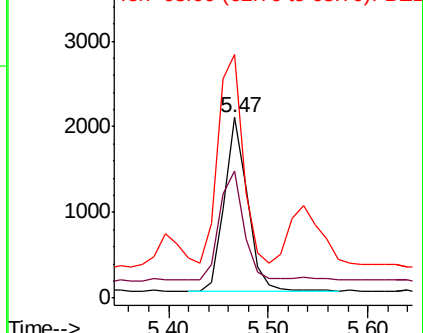
112 100

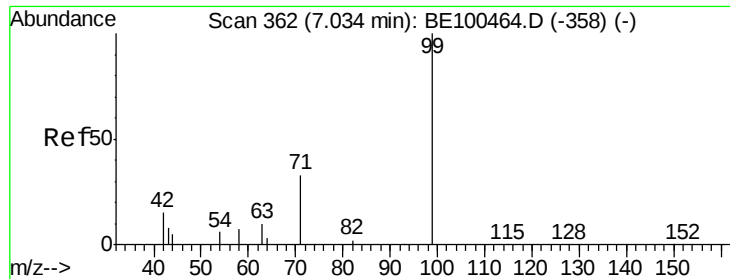
64 66.2 51.9 77.9

63 128.5 103.9 155.9



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: 0.369 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MS

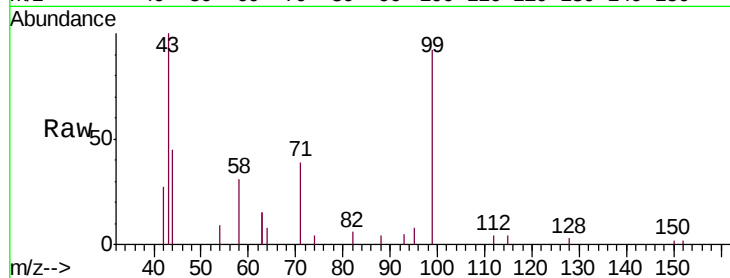
Tgt Ion: 99 Resp: 5350

Ion Ratio Lower Upper

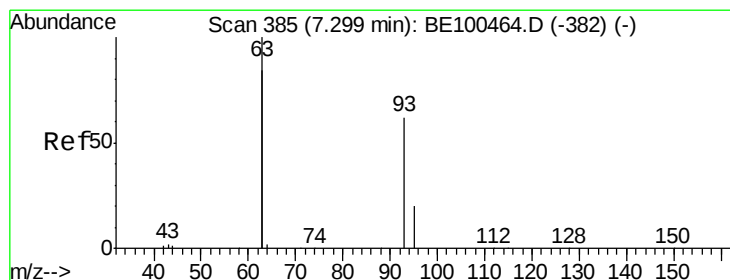
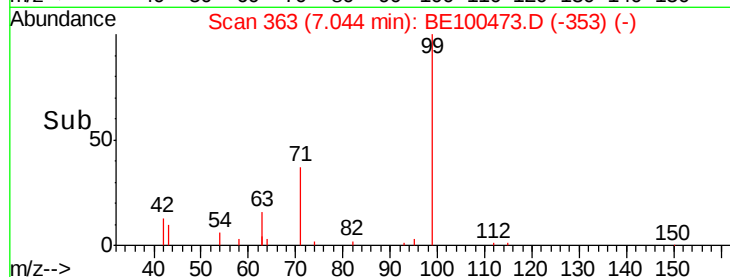
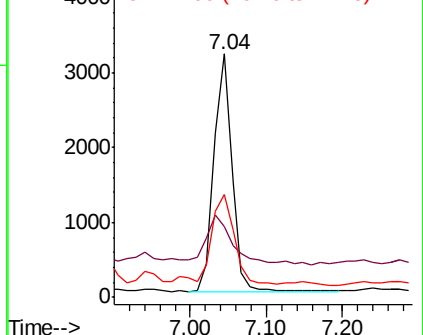
99 100

42 26.7 16.2 24.4#

71 47.6 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: 0.356 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

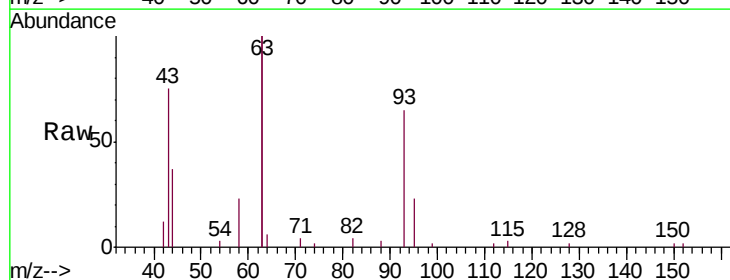
Tgt Ion: 93 Resp: 4460

Ion Ratio Lower Upper

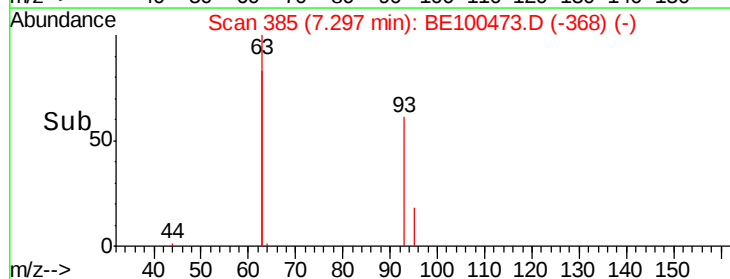
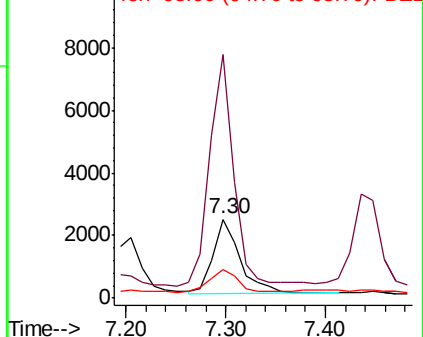
93 100

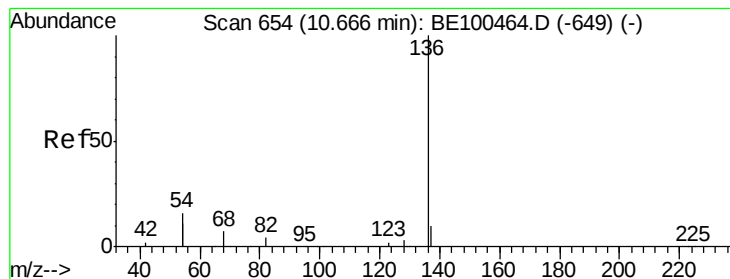
63 278.5 248.4 372.6

95 31.1 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: BE100473.D

Acq: 19 Jul 2019 17:13

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MS

Tgt Ion: 136 Resp: 17368

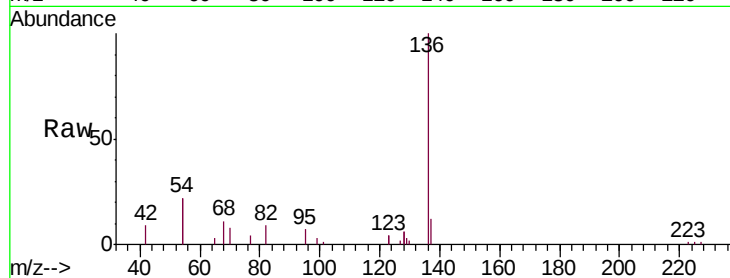
Ion Ratio Lower Upper

136 100

137 11.9 9.0 13.6

54 43.2 26.2 39.2#

68 10.8 6.5 9.7#



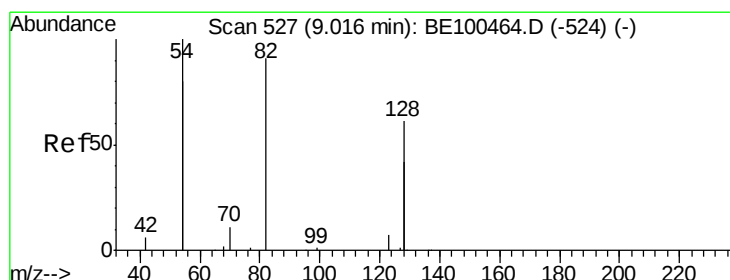
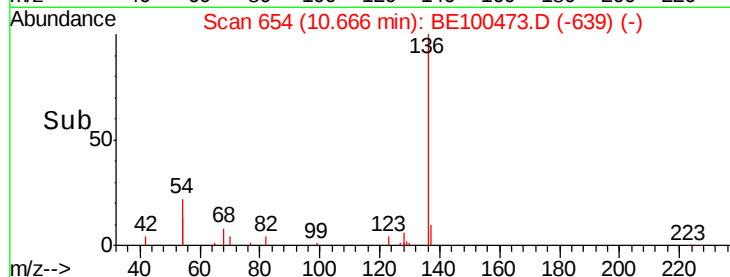
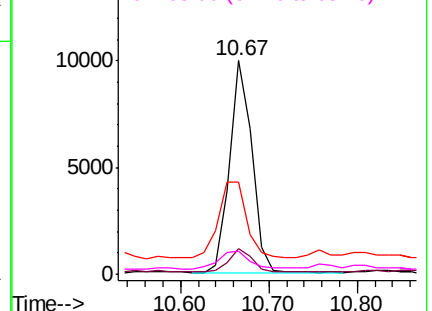
Abundance

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: 0.324 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

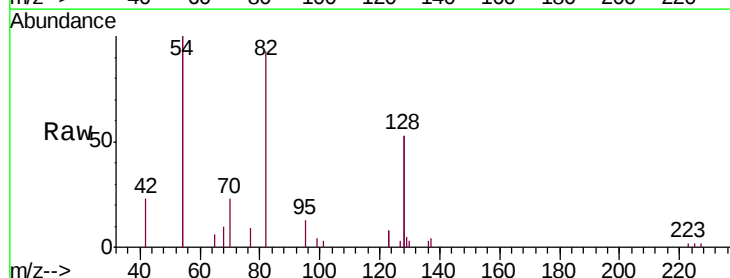
Tgt Ion: 82 Resp: 4547

Ion Ratio Lower Upper

82 100

128 113.7 100.7 151.1

54 215.6 164.4 246.6

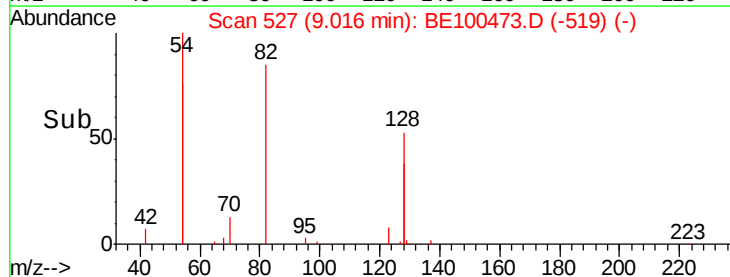
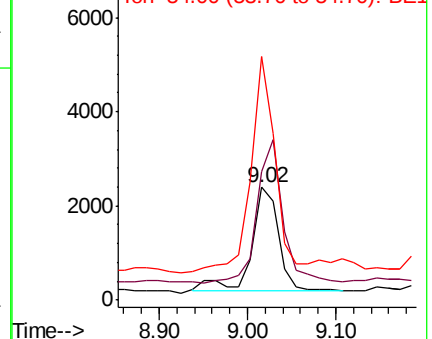


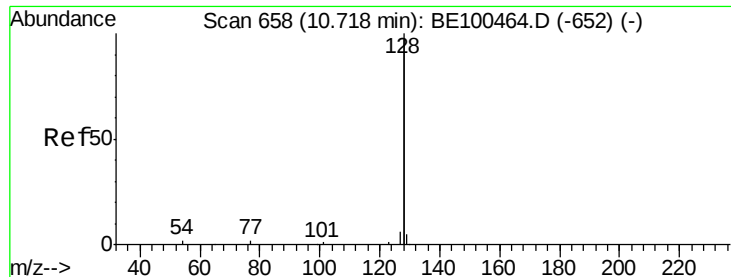
Abundance

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: 2.353 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

Instrument :

BNA_E

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HJDC-COMP1MS

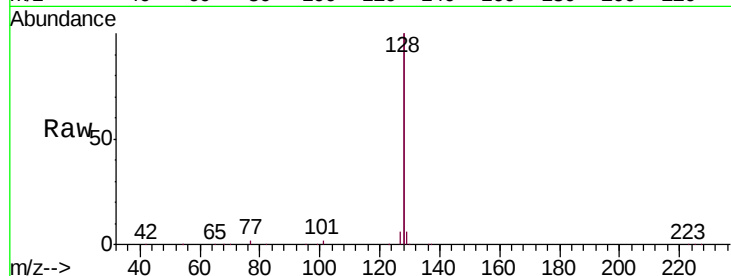
Tgt Ion:128 Resp: 391016

Ion Ratio Lower Upper

128 100

129 2.8 2.4 3.6

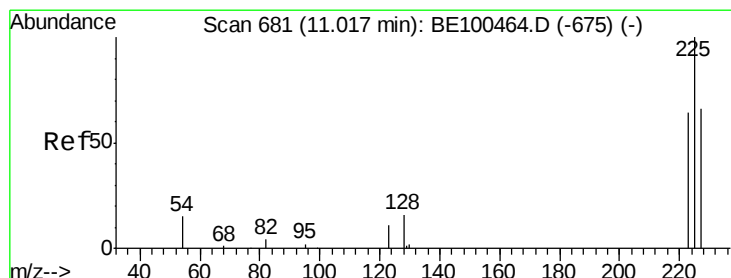
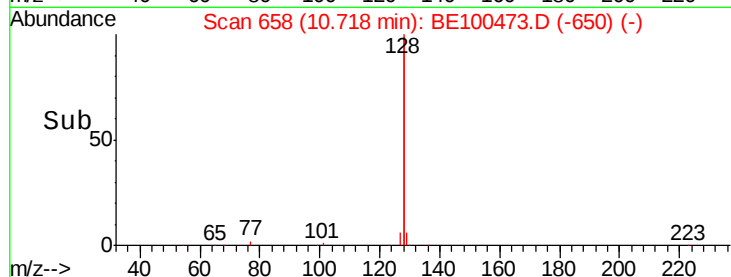
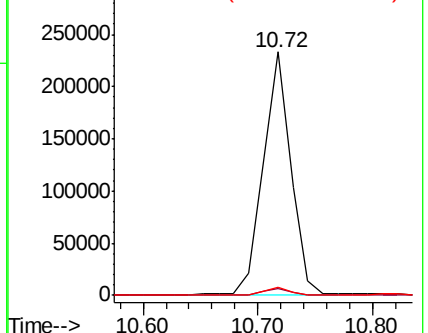
127 3.2 2.6 4.0



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: 0.259 ng

RT: 11.02 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

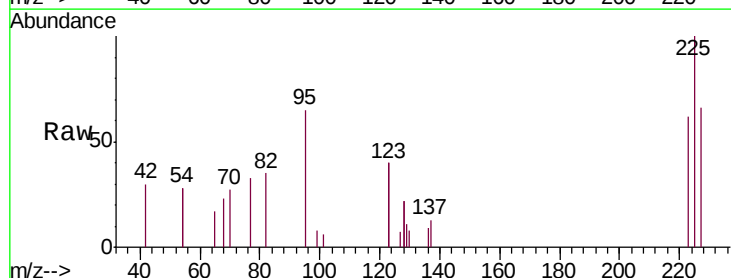
Tgt Ion:225 Resp: 2063

Ion Ratio Lower Upper

225 100

223 61.6 51.7 77.5

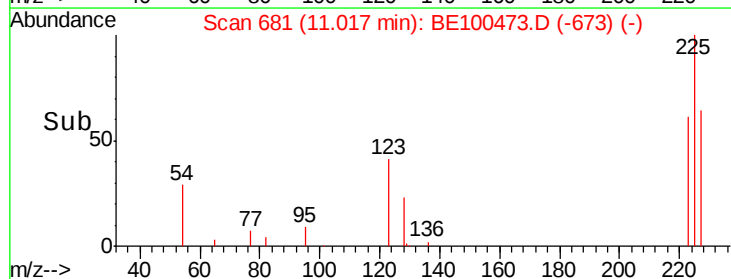
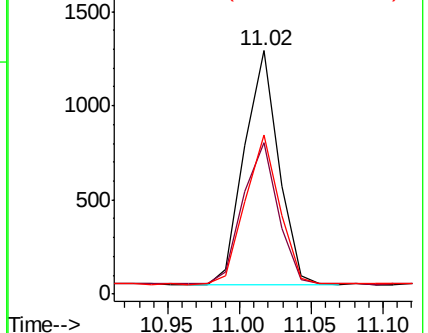
227 65.2 50.9 76.3

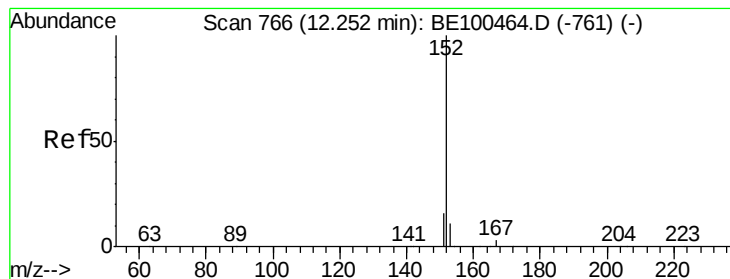


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.347 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.00 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

Instrument :

BNA_E

ClientSampleId :

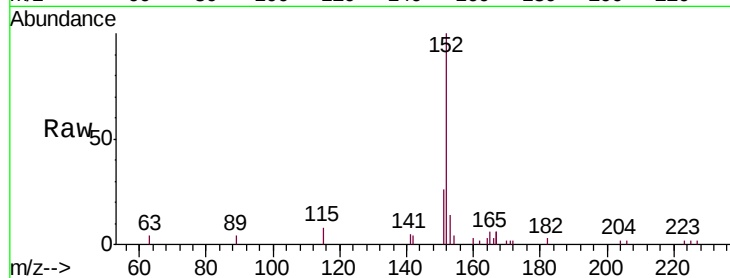
HJDC-COMP1MS

Tgt Ion:152 Resp: 9689

Ion Ratio Lower Upper

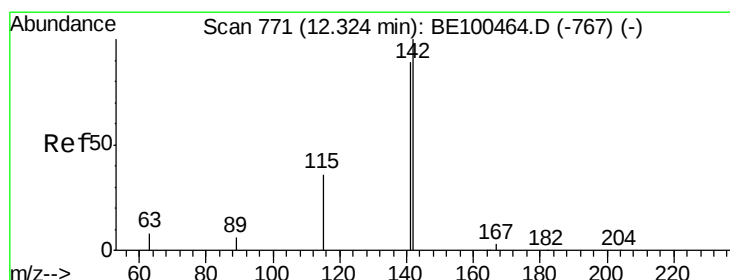
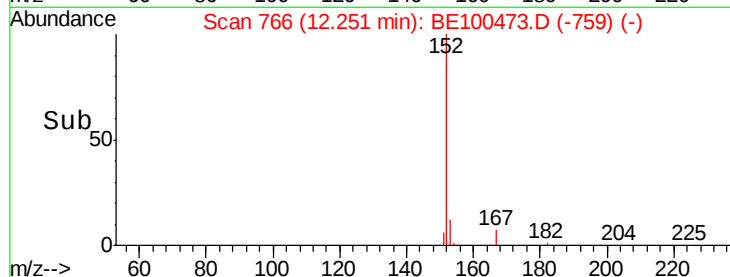
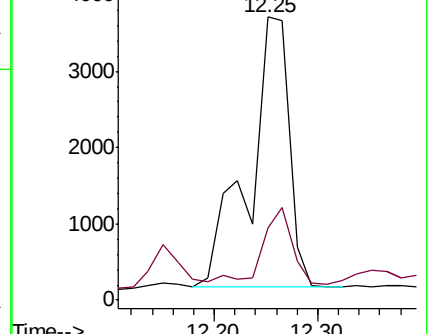
152 100

151 20.8 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: 1.866 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.00 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

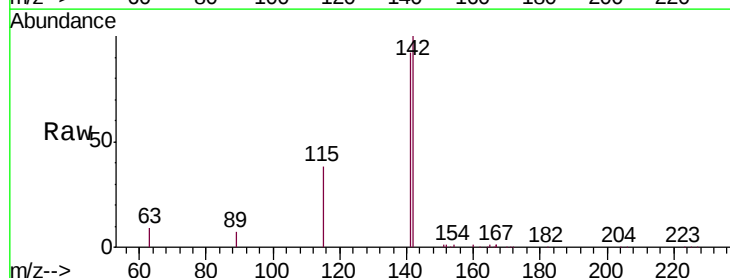
Tgt Ion:142 Resp: 54086

Ion Ratio Lower Upper

142 100

141 92.0 71.7 107.5

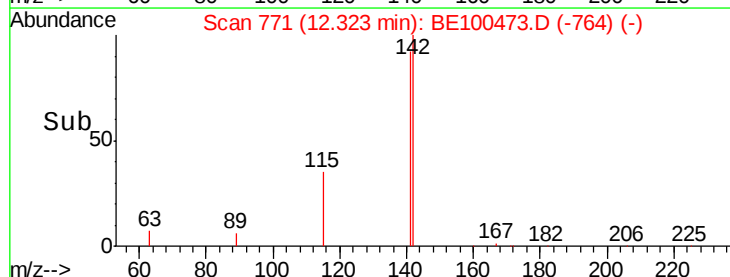
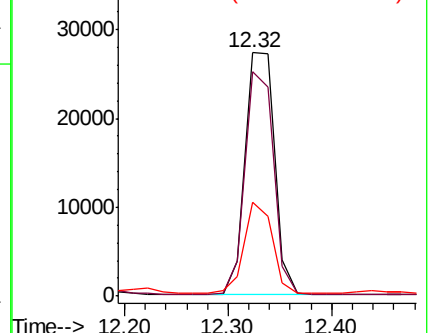
115 38.3 30.4 45.6

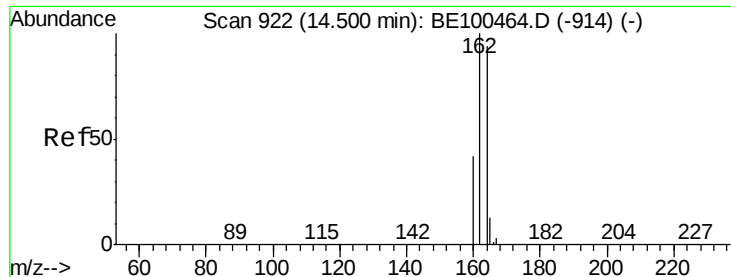


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

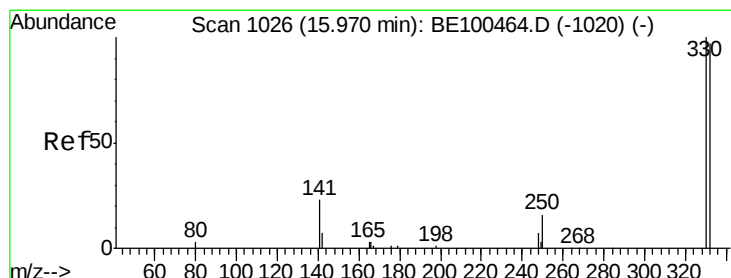
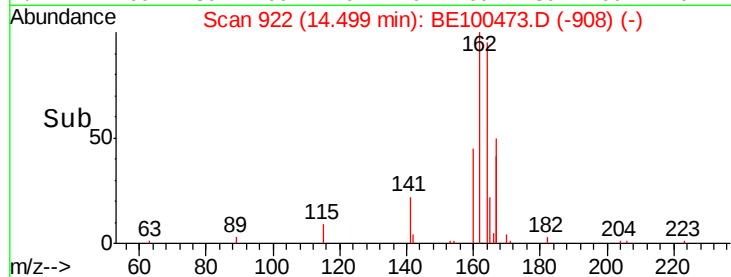
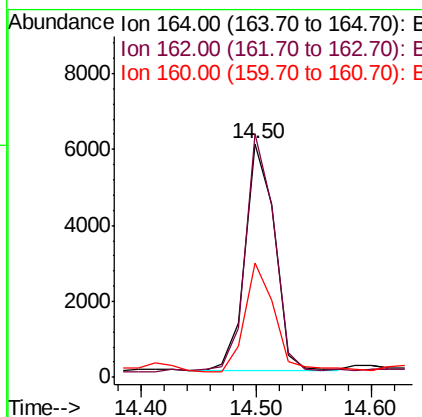
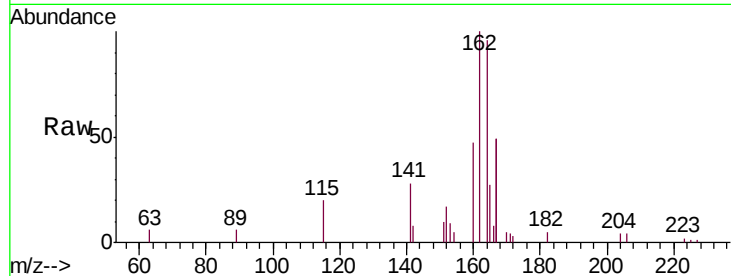




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BE100473.D
 Acq: 19 Jul 2019 17:13

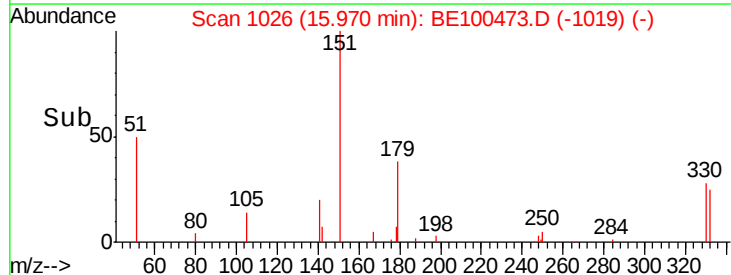
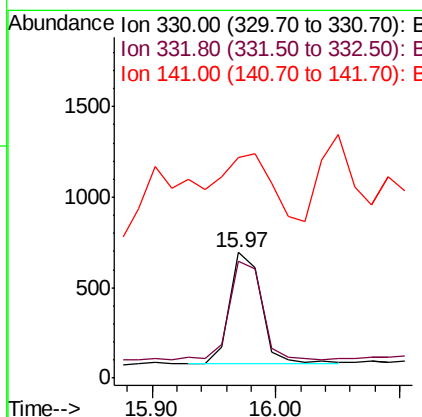
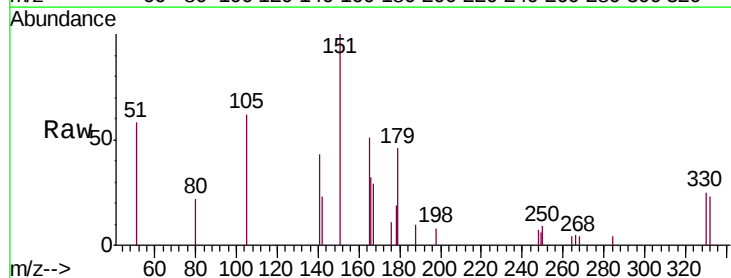
Instrument :
 BNA_E
 ClientSampleId :
 HJDC-COMP1MS

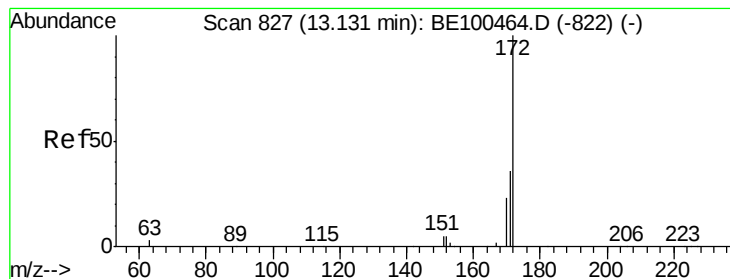
Tgt Ion:164 Resp: 10678
 Ion Ratio Lower Upper
 164 100
 162 104.1 85.0 127.6
 160 49.1 36.2 54.2



#14
 2,4,6-Tribromophenol
 Concen: 0.246 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE100473.D
 Acq: 19 Jul 2019 17:13

Tgt Ion:330 Resp: 1104
 Ion Ratio Lower Upper
 330 100
 332 88.6 76.3 114.5
 141 88.6 29.4 44.2#





#15

2-Fluorobiphenyl

Concen: 0.212 ng

RT: 13.13 min Scan# 827

Delta R.T. -0.00 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MS

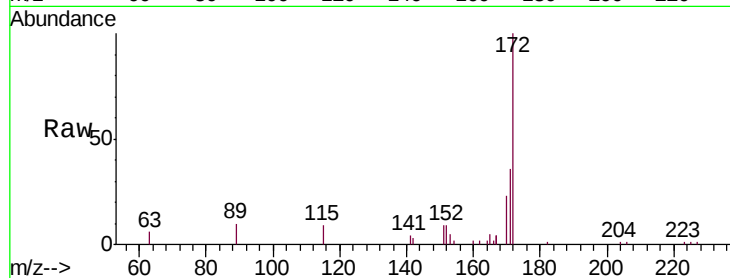
Tgt Ion:172 Resp: 9307

Ion Ratio Lower Upper

172 100

171 36.2 29.2 43.8

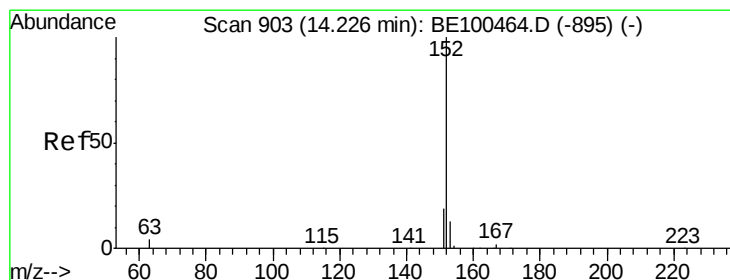
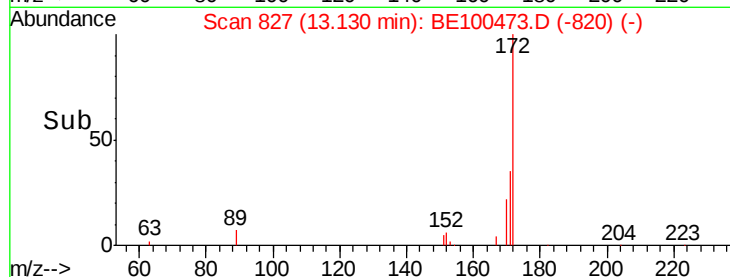
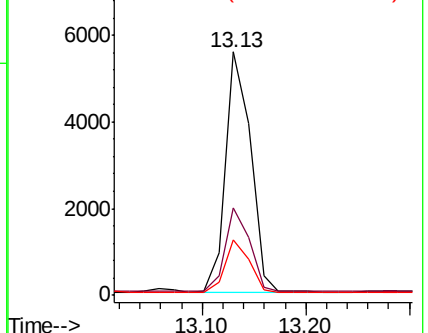
170 22.8 18.8 28.2



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: 2.490 ng

RT: 14.23 min Scan# 903

Delta R.T. -0.00 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

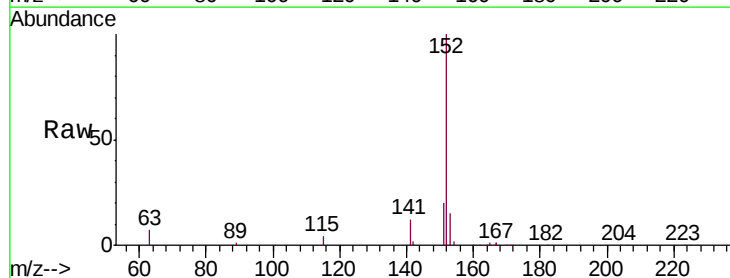
Tgt Ion:152 Resp: 122155

Ion Ratio Lower Upper

152 100

151 20.3 15.5 23.3

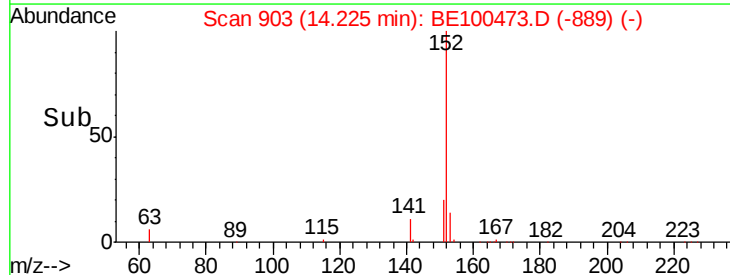
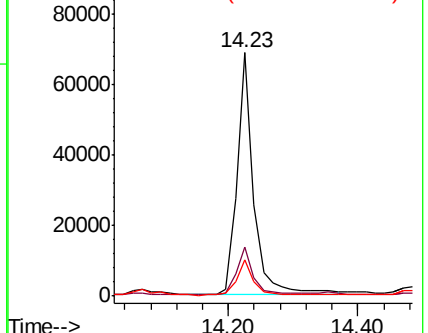
153 14.3 10.6 15.8

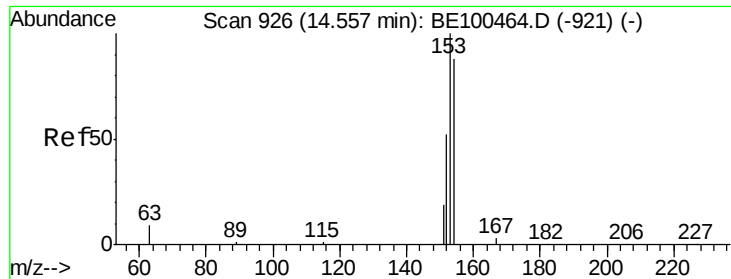


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

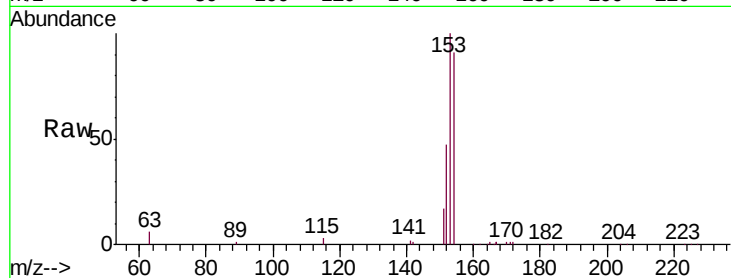




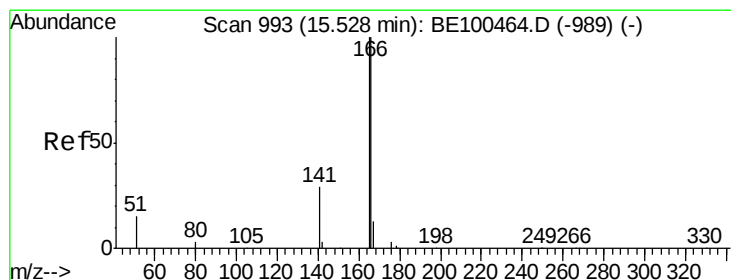
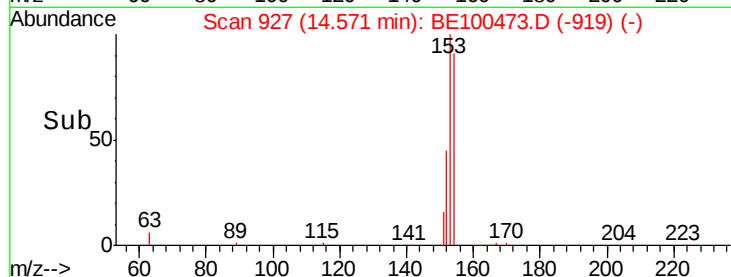
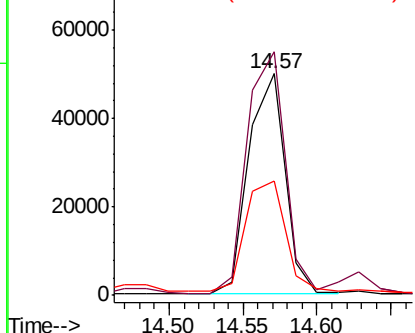
#17
Acenaphthene
Concen: 2.854 ng
RT: 14.57 min Scan# 927
Delta R.T. 0.01 min
Lab File: BE100473.D
Acq: 19 Jul 2019 17:13

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1MS

Tgt Ion:154 Resp: 85169
Ion Ratio Lower Upper
154 100
153 116.8 89.4 134.2
152 55.5 44.4 66.6

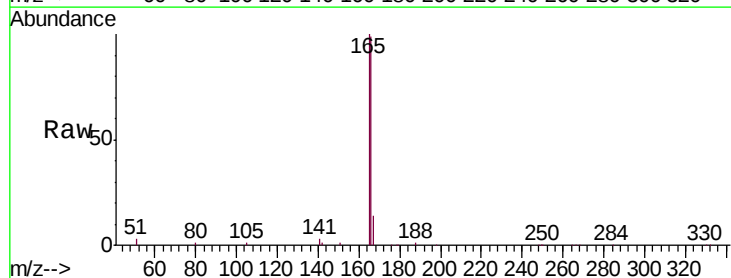


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

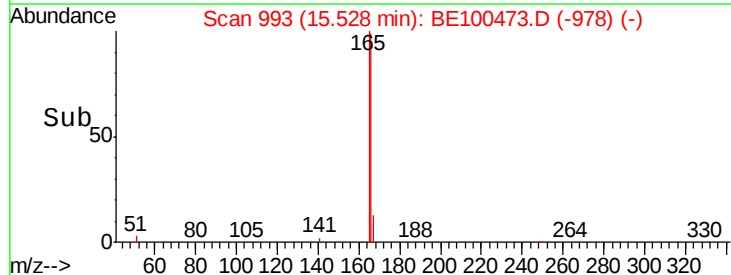
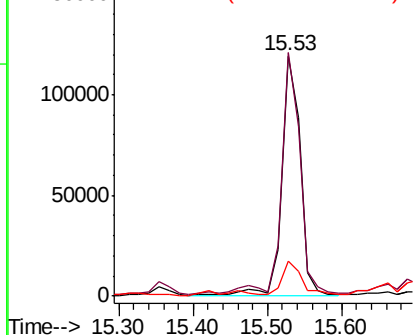


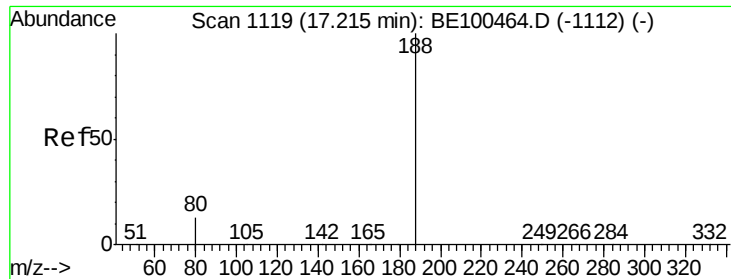
#18
Fluorene
Concen: 5.124 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE100473.D
Acq: 19 Jul 2019 17:13

Tgt Ion:166 Resp: 203390
Ion Ratio Lower Upper
166 100
165 102.2 79.8 119.8
167 14.7 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: BE100473.D

Acq: 19 Jul 2019 17:13

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MS

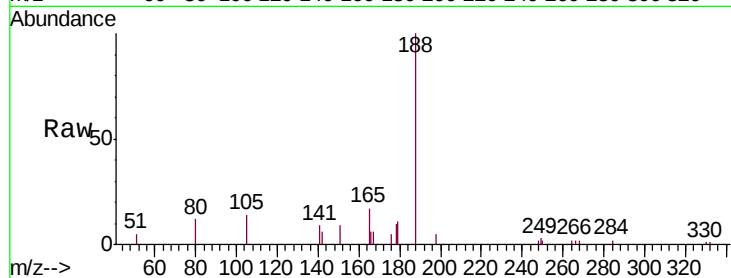
Tgt Ion:188 Resp: 22849

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

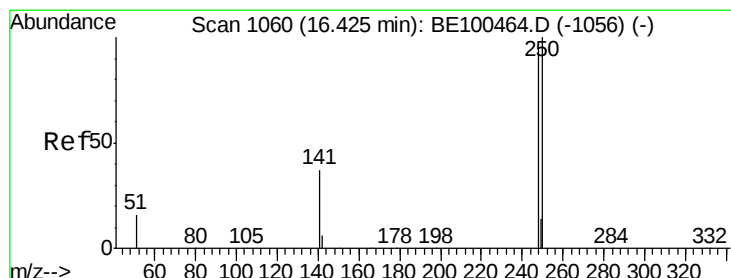
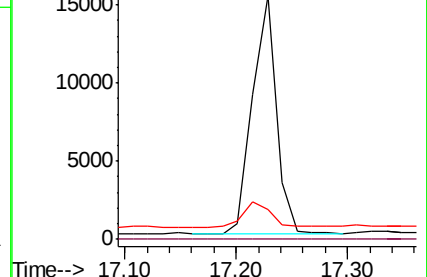
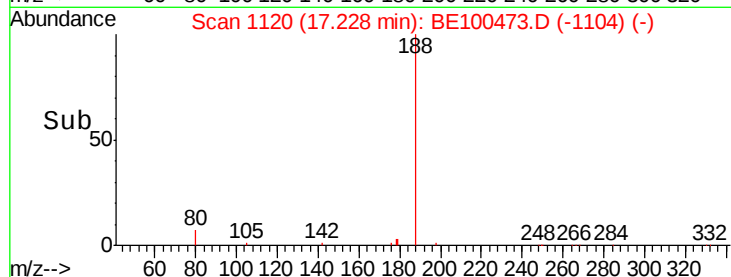
80 12.2 10.7 16.1



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: 0.308 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

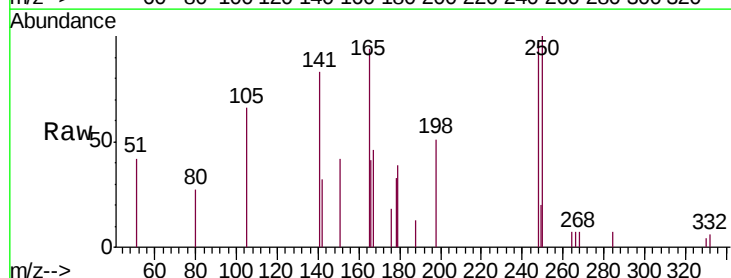
Tgt Ion:248 Resp: 3243

Ion Ratio Lower Upper

248 100

250 103.4 83.9 125.9

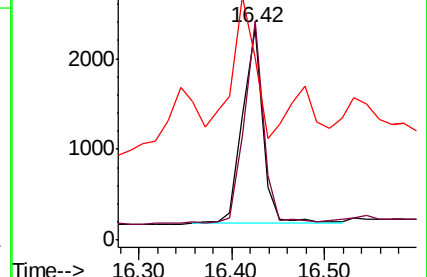
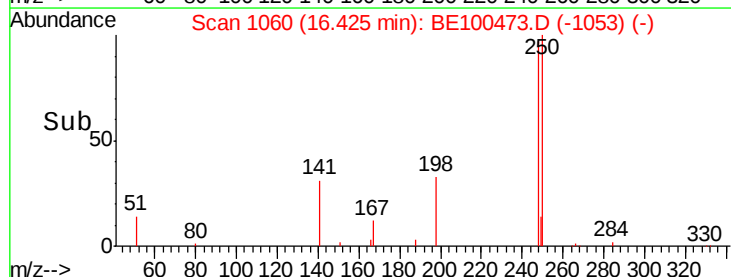
141 86.1 33.7 50.5#

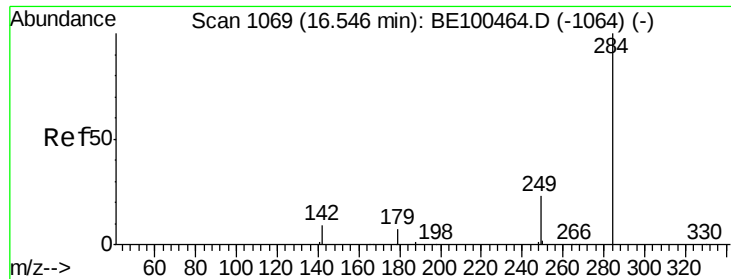


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.263 ng

RT: 16.55 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

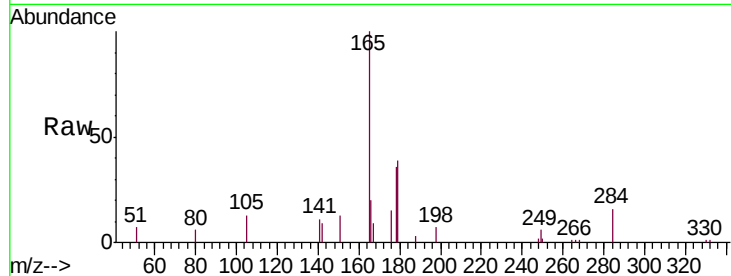
Instrument :

BNA_E

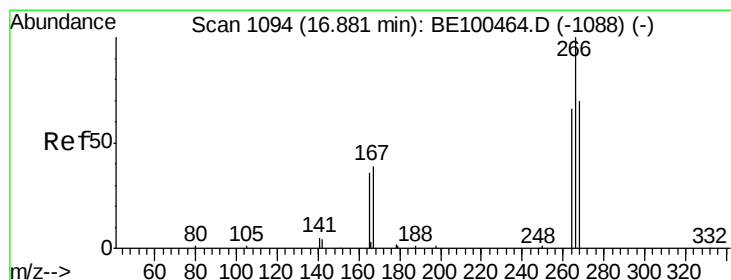
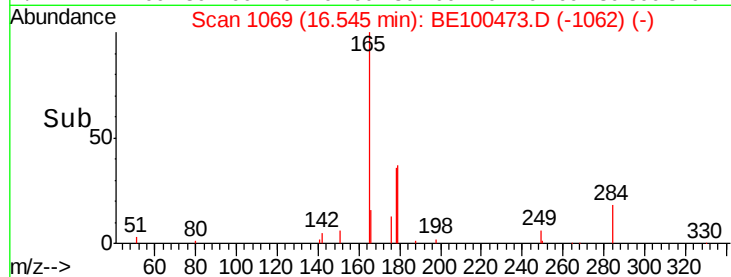
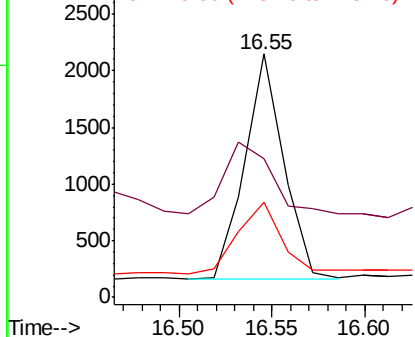
ClientSampleId :

HJDC-COMP1MS

Tgt Ion:	284	Resp:	2890
Ion	Ratio	Lower	Upper
284	100		
142	38.8	27.4	41.2
249	35.1	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: 0.467 ng

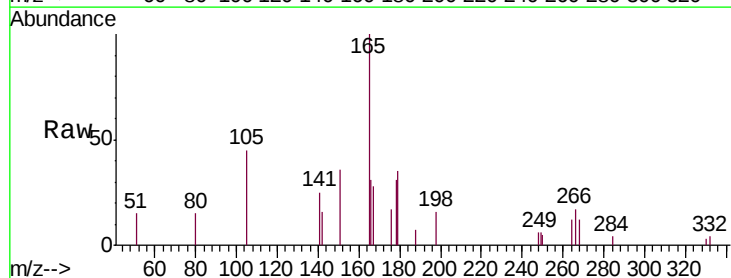
RT: 16.89 min Scan# 1095

Delta R.T. 0.01 min

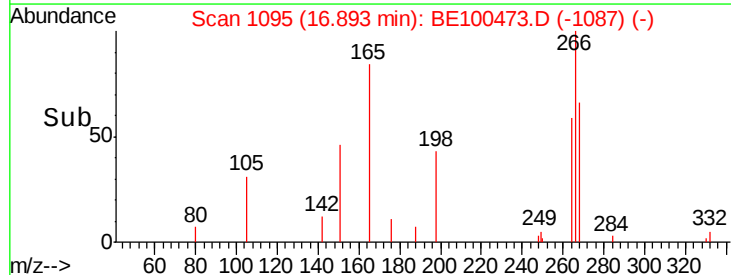
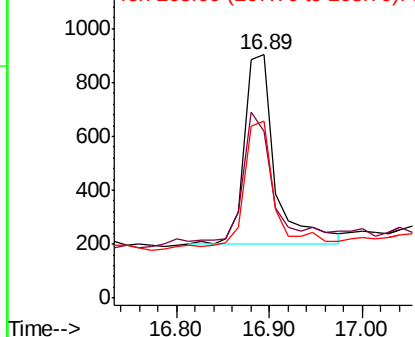
Lab File: BE100473.D

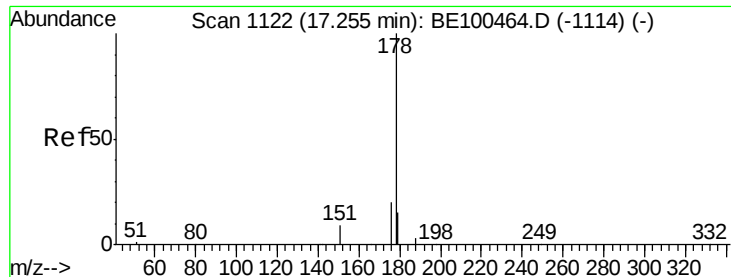
Acq: 19 Jul 2019 17:13

Tgt Ion:	266	Resp:	1641
Ion	Ratio	Lower	Upper
266	100		
264	68.4	55.5	83.3
268	72.5	59.2	88.8



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 31.416 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MS

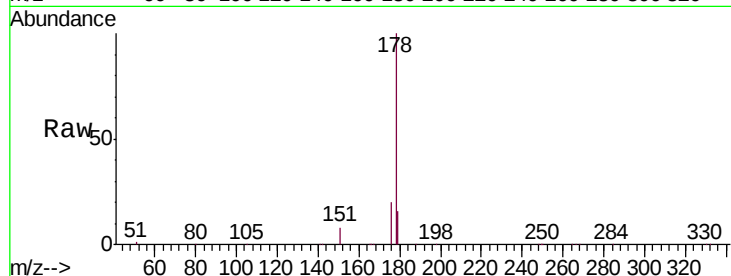
Tgt Ion:178 Resp: 1775791

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

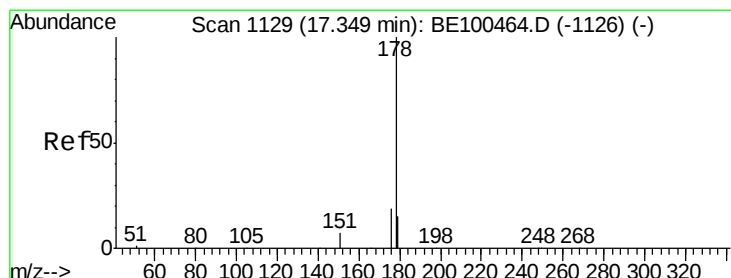
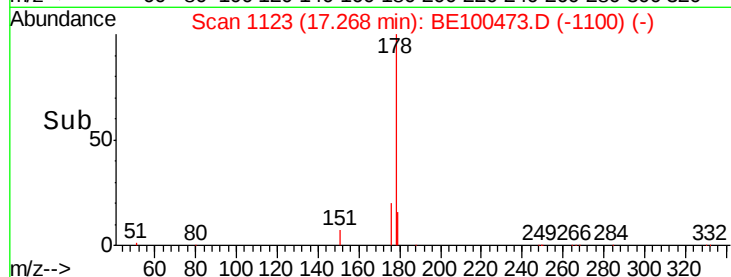
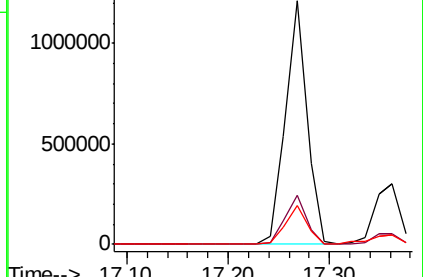
179 16.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 9.472 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

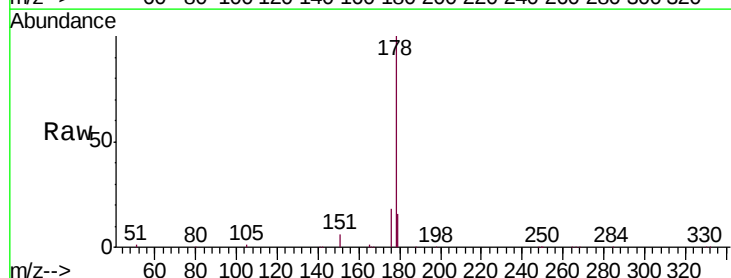
Tgt Ion:178 Resp: 500260

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

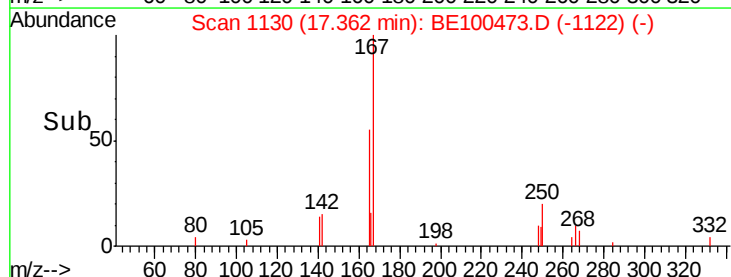
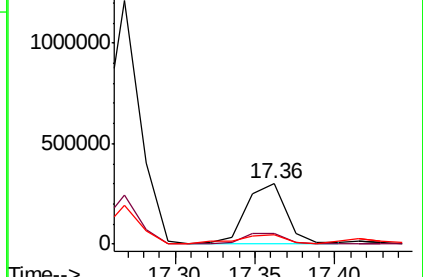
179 17.4 12.2 18.2

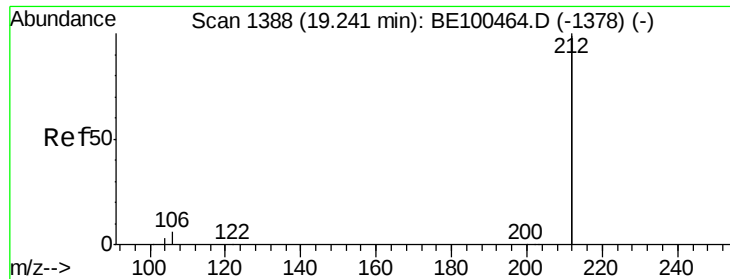


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.214 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MS

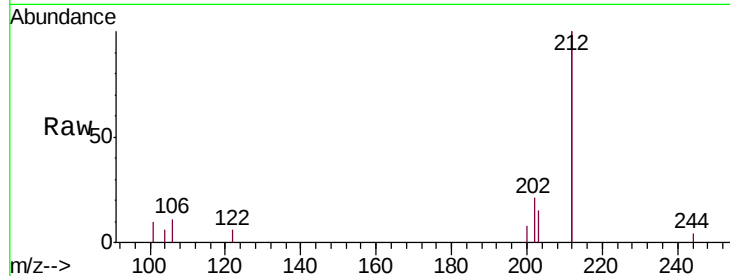
Tgt Ion:212 Resp: 68560

Ion Ratio Lower Upper

212 100

106 3.1 2.2 3.2

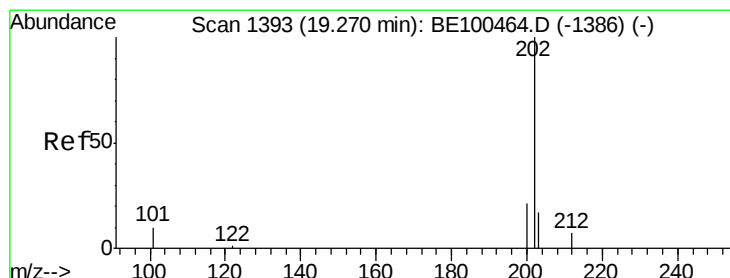
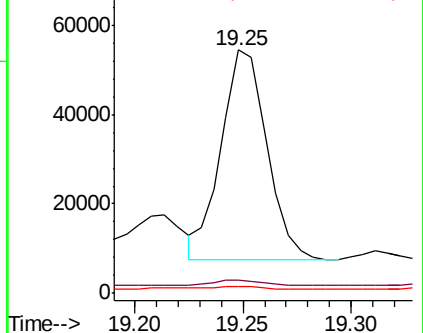
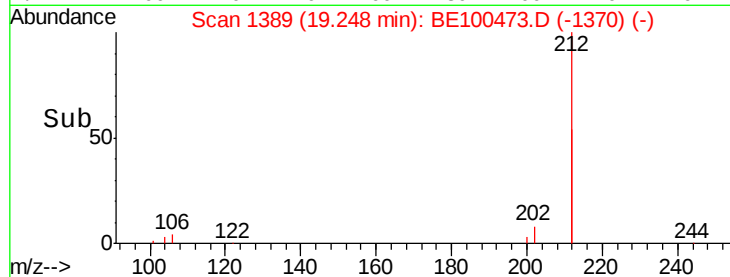
104 2.0 1.2 1.8#



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: 37.501 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.01 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

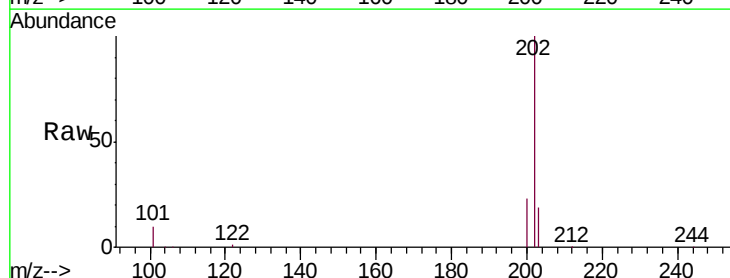
Tgt Ion:202 Resp: 3149735

Ion Ratio Lower Upper

202 100

101 10.6 8.3 12.5

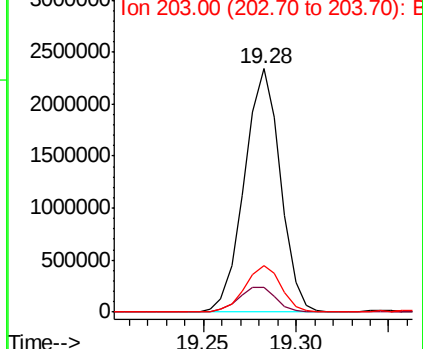
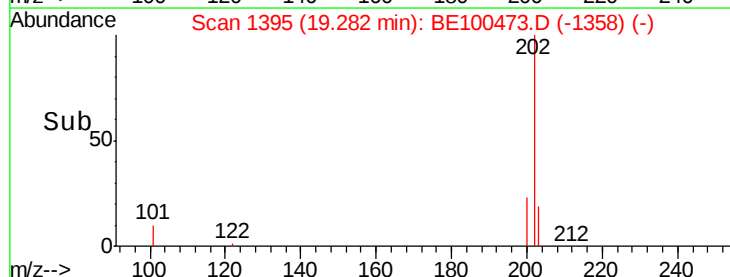
203 18.6 13.6 20.4

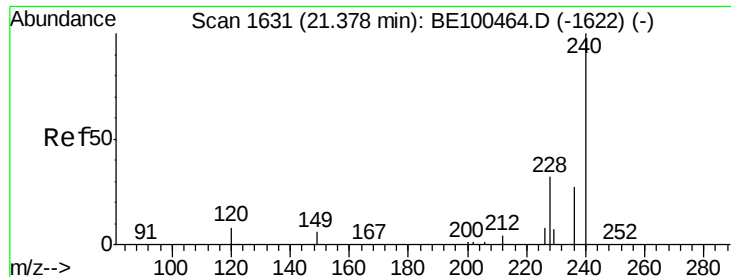


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.39 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MS

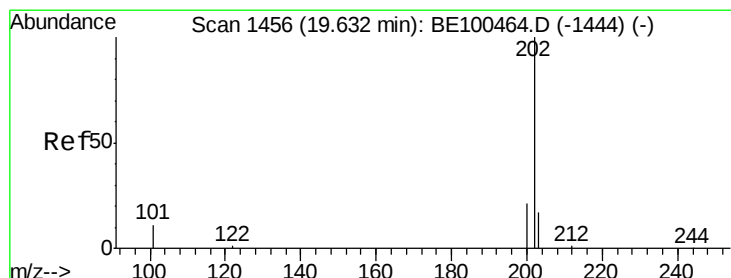
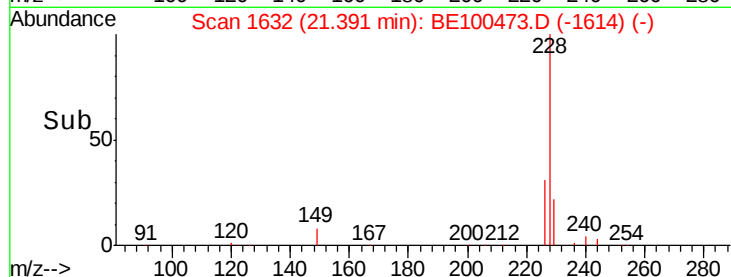
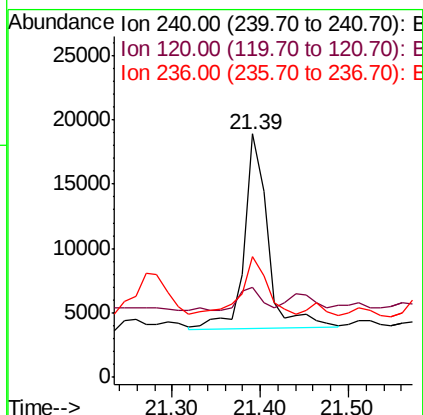
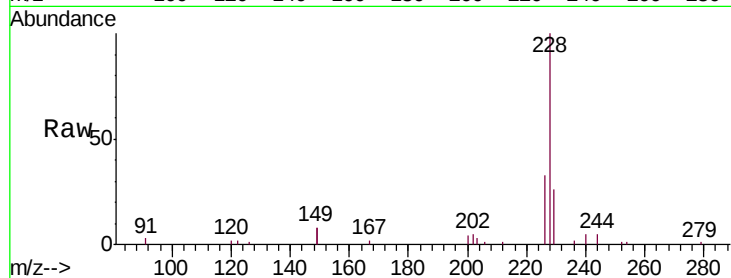
Tgt Ion:240 Resp: 27787

Ion Ratio Lower Upper

240 100

120 36.9 7.1 10.7#

236 49.7 21.7 32.5#



#28

Pyrene

Concen: 35.034 ng

RT: 19.64 min Scan# 1458

Delta R.T. 0.01 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

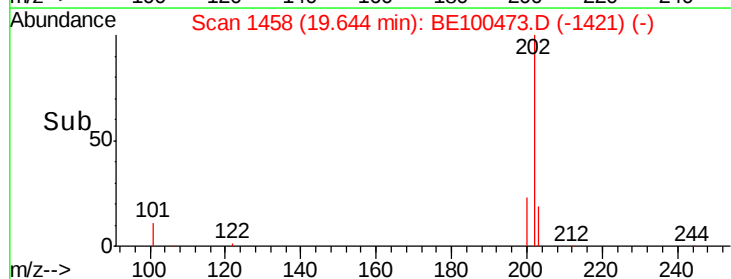
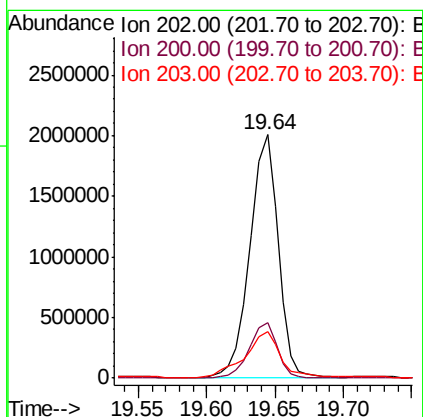
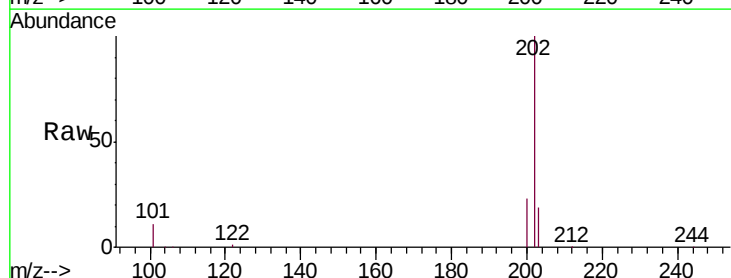
Tgt Ion:202 Resp: 2862598

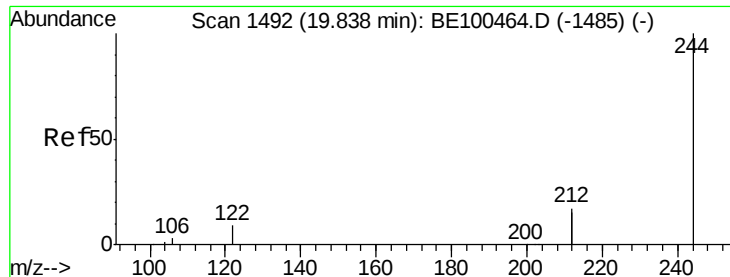
Ion Ratio Lower Upper

202 100

200 22.4 16.7 25.1

203 23.6 13.8 20.8#





#29

Terphenyl-d14

Concen: 0.234 ng

RT: 19.85 min Scan# 1493

Delta R.T. 0.01 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MS

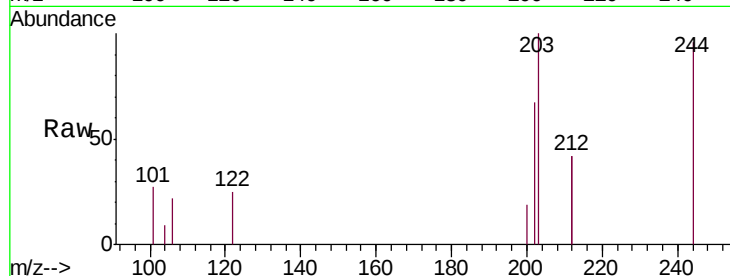
Tgt Ion:244 Resp: 15024

Ion Ratio Lower Upper

244 100

212 88.9 26.6 40.0#

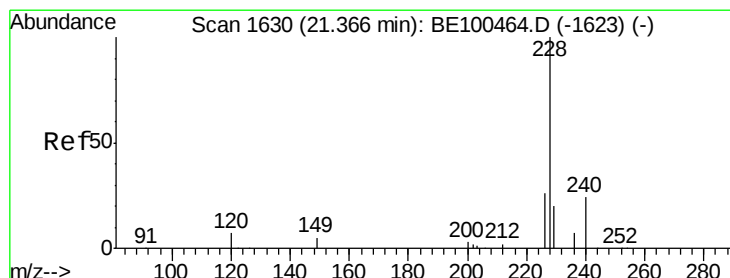
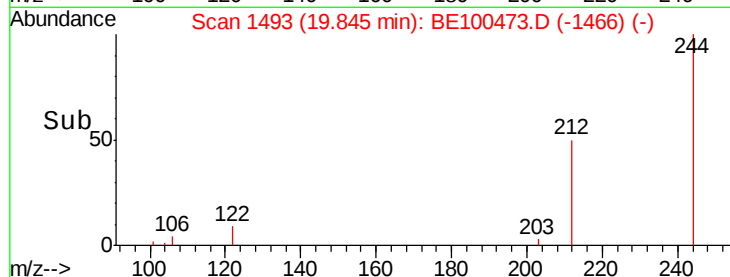
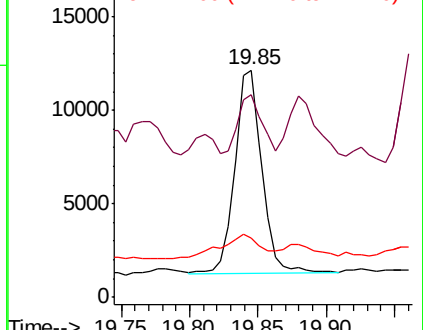
122 25.9 7.6 11.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 20.192 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

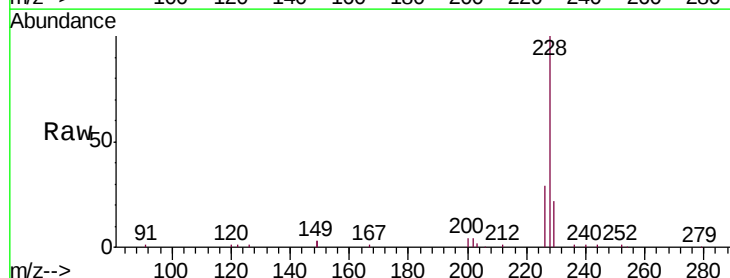
Tgt Ion:228 Resp: 1711275

Ion Ratio Lower Upper

228 100

226 29.2 21.3 31.9

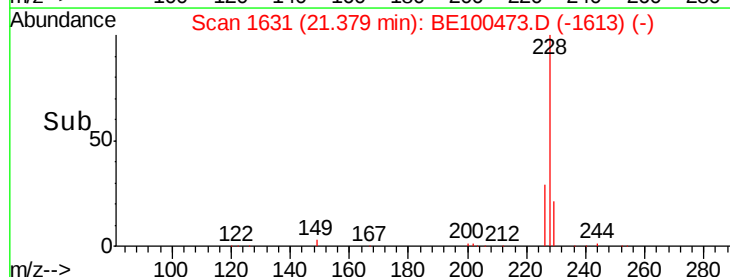
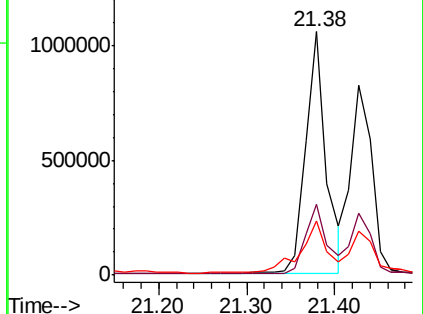
229 22.2 16.6 25.0

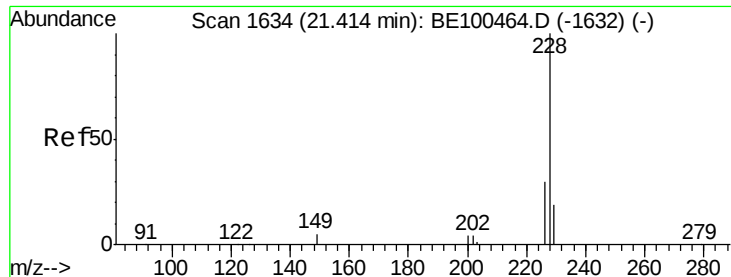


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 16.056 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MS

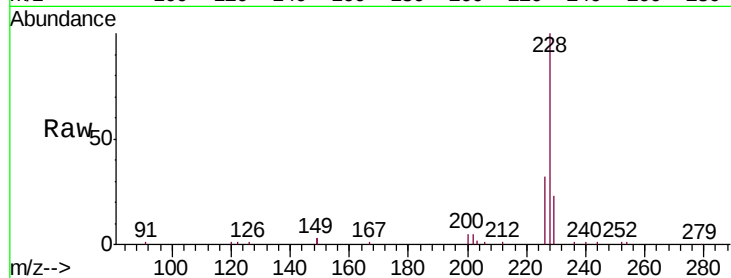
Tgt Ion:228 Resp: 1357330

Ion Ratio Lower Upper

228 100

226 32.5 24.5 36.7

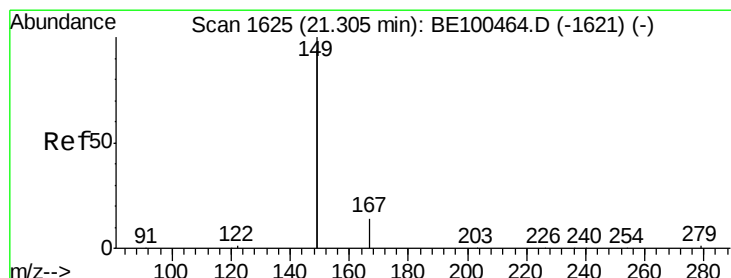
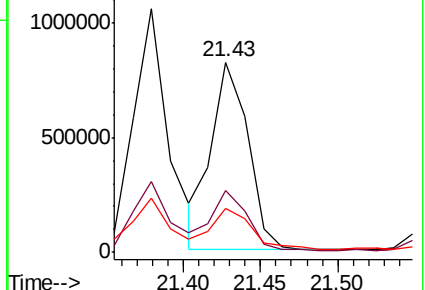
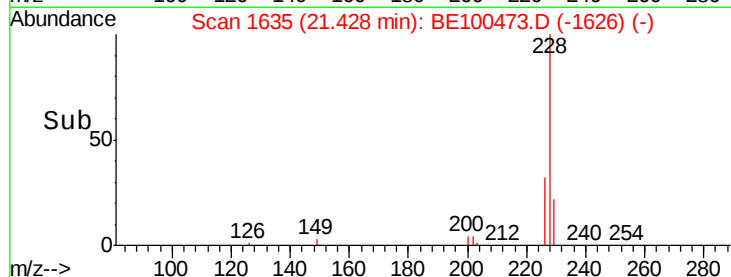
229 23.3 16.0 24.0



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: 1.906 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

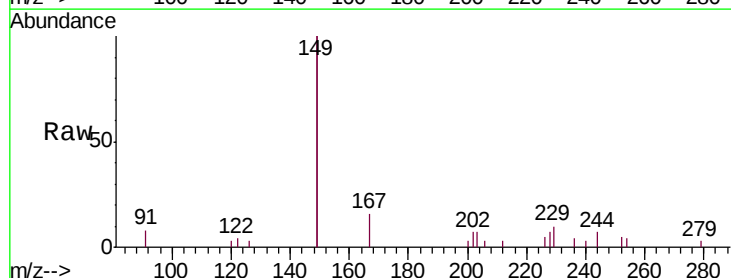
Tgt Ion:149 Resp: 358562

Ion Ratio Lower Upper

149 100

167 7.5 5.8 8.6

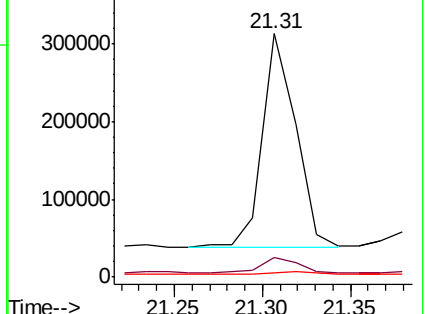
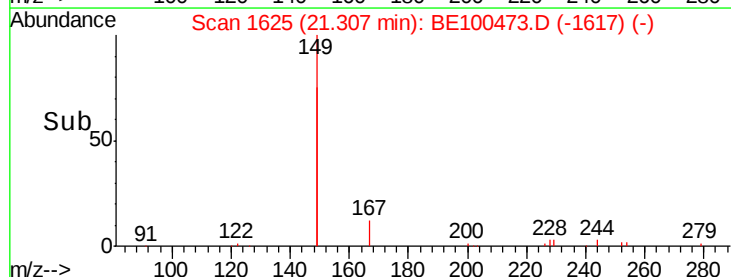
279 1.2 0.8 1.2#

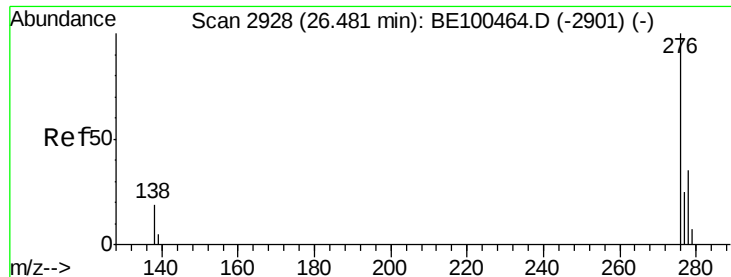


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.154 ng

RT: 26.41 min Scan# 2909

Delta R.T. -0.07 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MS

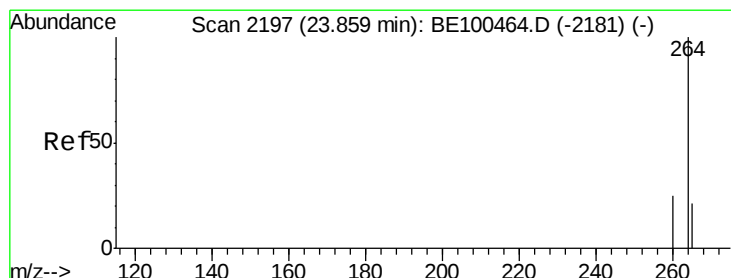
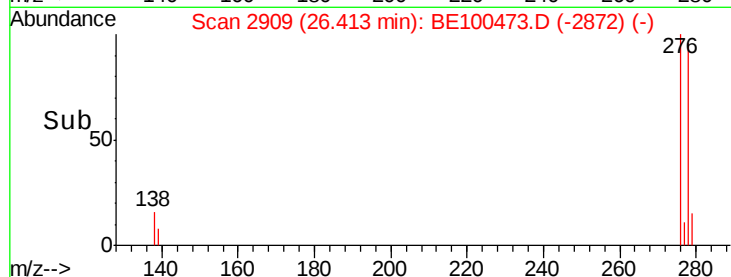
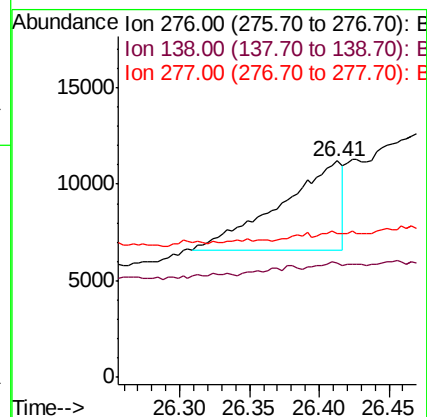
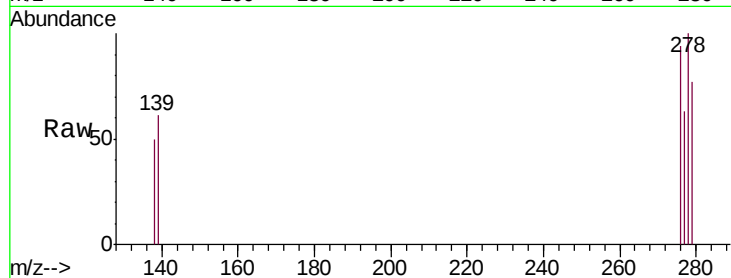
Tgt Ion:276 Resp: 14118

Ion Ratio Lower Upper

276 100

138 2.5 17.4 26.0#

277 1.5 19.4 29.0#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.84 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

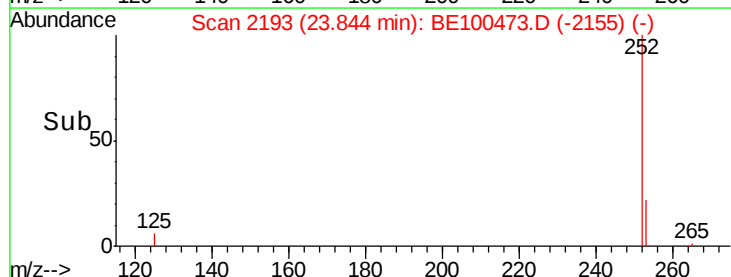
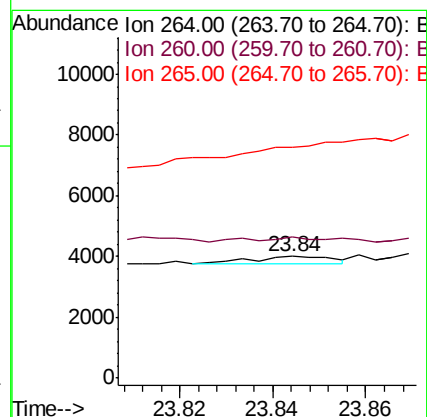
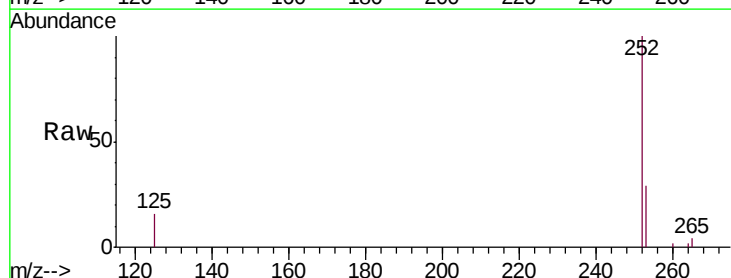
Tgt Ion:264 Resp: 287

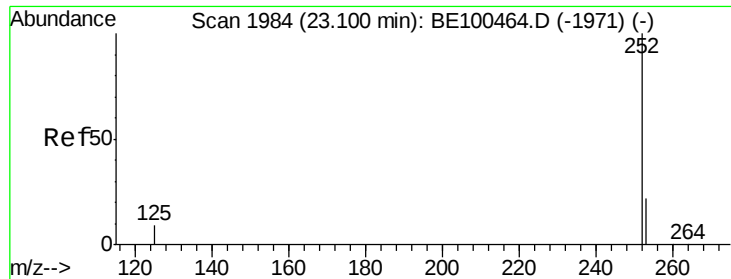
Ion Ratio Lower Upper

264 100

260 116.1 20.7 31.1#

265 190.1 23.4 35.0#

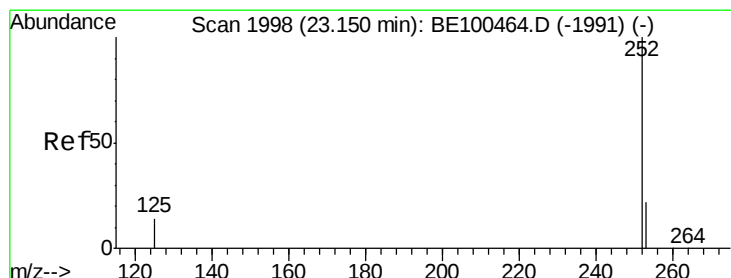
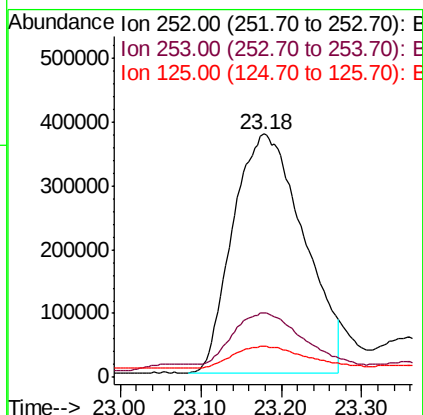
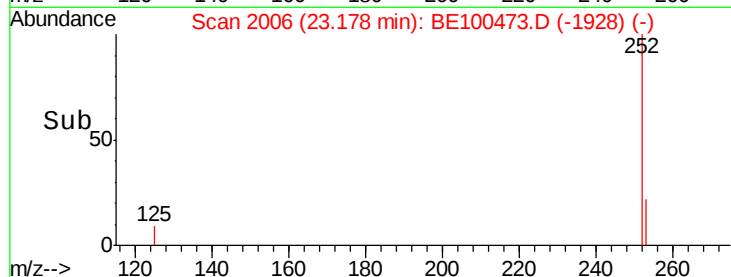
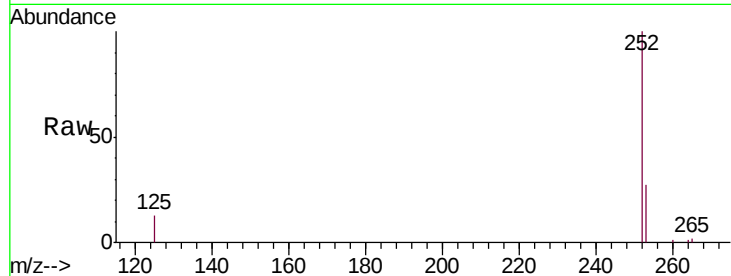




#35
Benzo(b)fluoranthene
Concen: 2873.240 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.08 min
Lab File: BE100473.D
Acq: 19 Jul 2019 17:13

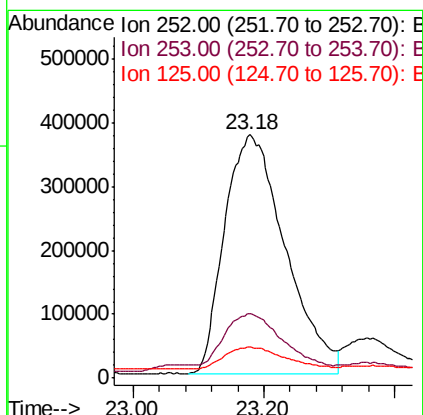
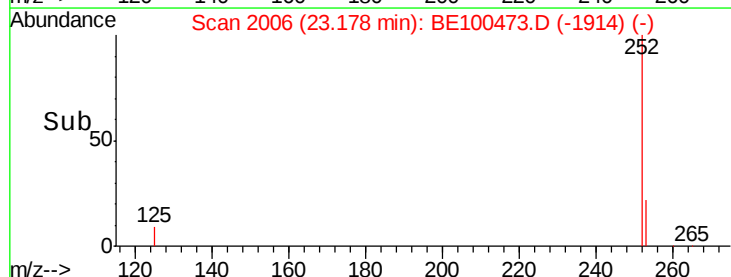
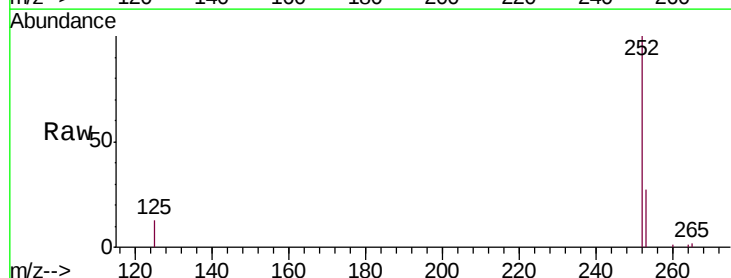
Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1MS

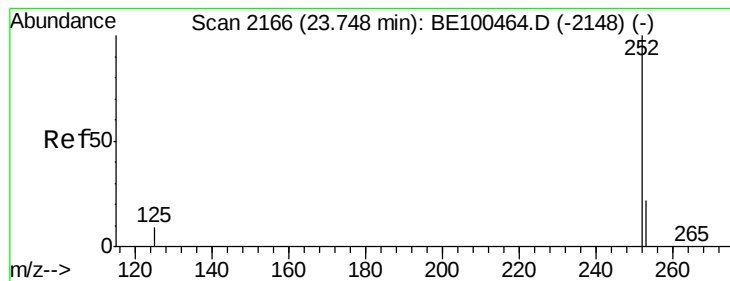
Tgt Ion:252 Resp: 2278582
Ion Ratio Lower Upper
252 100
253 26.6 18.5 27.7
125 12.8 9.0 13.4



#36
Benzo(k)fluoranthene
Concen: 2856.687 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.03 min
Lab File: BE100473.D
Acq: 19 Jul 2019 17:13

Tgt Ion:252 Resp: 2407160
Ion Ratio Lower Upper
252 100
253 26.6 19.0 28.4
125 12.8 11.8 17.8





#37

Benzo(a)pyrene

Concen: 686.618 ng

RT: 23.73 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MS

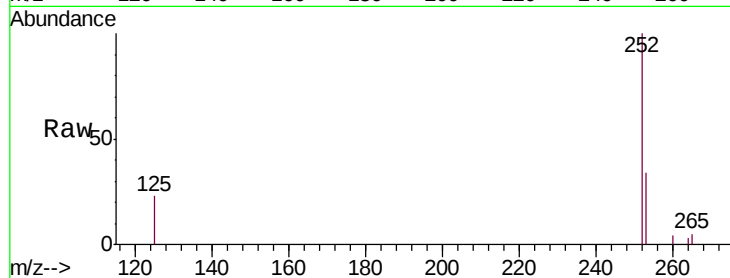
Tgt Ion: 252 Resp: 525168

Ion Ratio Lower Upper

252 100

253 34.3 19.1 28.7#

125 22.6 10.0 15.0#

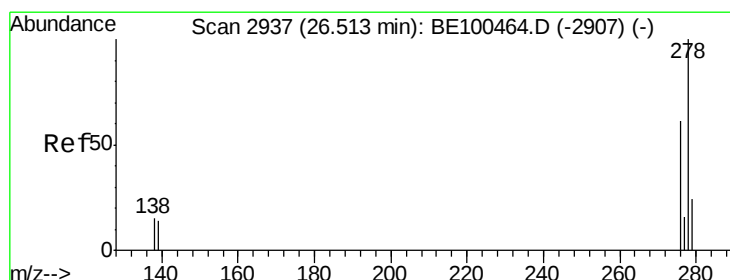
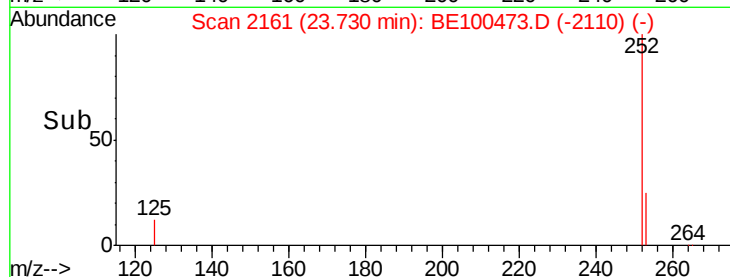
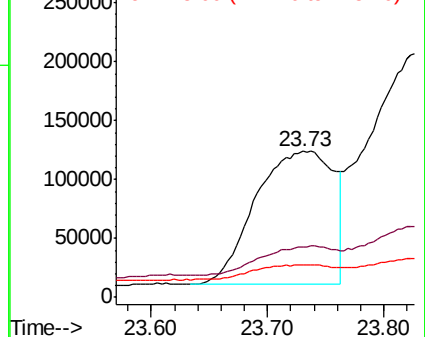


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 22.486 ng

RT: 26.41 min Scan# 2908

Delta R.T. -0.10 min

Lab File: BE100473.D

Acq: 19 Jul 2019 17:13

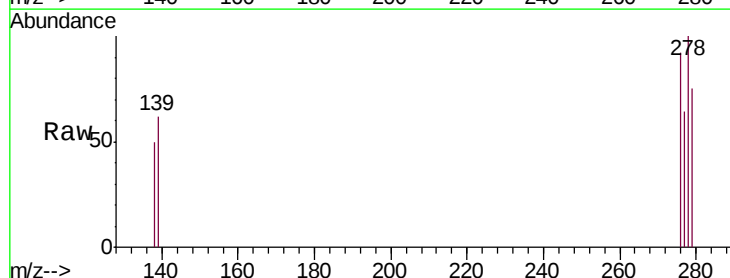
Tgt Ion: 278 Resp: 16201

Ion Ratio Lower Upper

278 100

139 62.4 13.0 19.6#

279 75.4 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

