

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099948.D
 Acq On : 12 Jun 2019 10:11
 Operator : JU/SJ
 Sample : PB120422BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120422BSD

Quant Time: Jun 13 04:07:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	961	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3485	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2404	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7772	0.40	ng	0.00
27) Chrysene-d12	21.40	240	11827	0.40	ng	0.00
34) Perylene-d12	23.93	264	13166	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	856	0.33	ng	0.00
5) Phenol-d6	6.96	99	1109	0.33	ng	0.00
8) Nitrobenzene-d5	8.96	82	1065	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2800	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	368	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3087	0.34	ng	-0.01
25) Fluoranthene-d10	19.25	212	37486	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	8011	0.38	ng	0.00

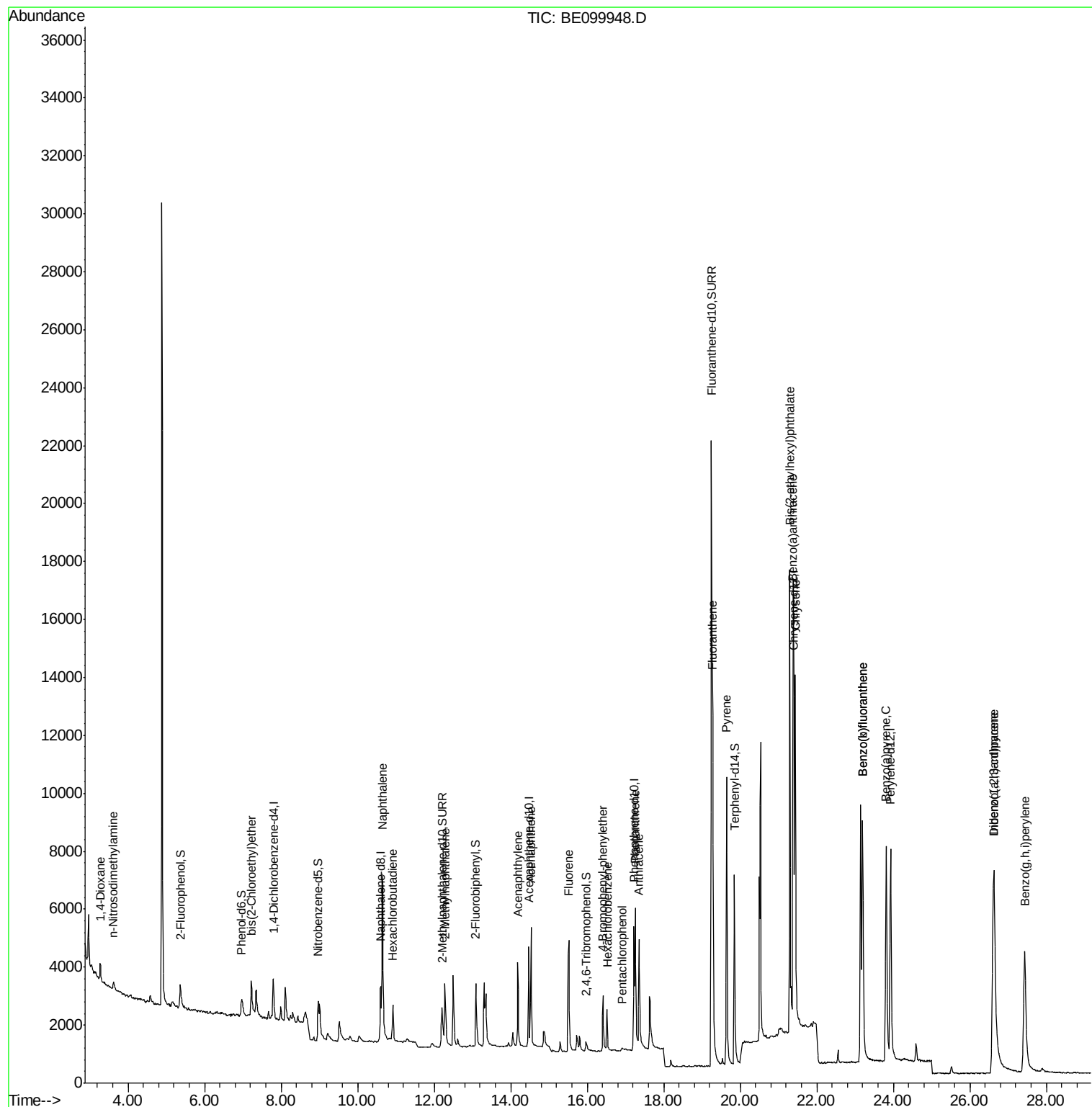
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	488	0.343	ng	# 79
3) n-Nitrosodimethylamine	3.61	42	260	0.317	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	858	0.314	ng	# 94
9) Naphthalene	10.64	128	13275	0.353	ng	99
10) Hexachlorobutadiene	10.91	225	1058	0.369	ng	98
12) 2-Methylnaphthalene	12.28	142	2068	0.338	ng	96
16) Acenaphthylene	14.18	152	4072	0.340	ng	100
17) Acenaphthene	14.53	154	2120	0.325	ng	96
18) Fluorene	15.51	166	3252	0.333	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1443	0.328	ng	96
21) Hexachlorobenzene	16.52	284	1566	0.348	ng	100
22) Pentachlorophenol	16.91	266	174	0.380	ng	90
23) Phenanthrene	17.26	178	6344	0.336	ng	100
24) Anthracene	17.35	178	5298	0.306	ng	97
26) Fluoranthene	19.28	202	11195	0.349	ng	99
28) Pyrene	19.64	202	11919	0.384	ng	99
30) Benzo(a)anthracene	21.38	228	14156	0.401	ng	99
31) Chrysene	21.44	228	13700	0.375	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	17531	0.346	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	16270	0.375	ng	98
35) Benzo(b)fluoranthene	23.20	252	15370	0.417	ng	100
36) Benzo(k)fluoranthene	23.20	252	15792	0.409	ng	100
37) Benzo(a)pyrene	23.81	252	14020	0.386	ng	# 92
38) Dibenzo(a,h)anthracene	26.64	278	12850	0.351	ng	98
39) Benzo(g,h,i)perylene	27.43	276	14244	0.377	ng	98

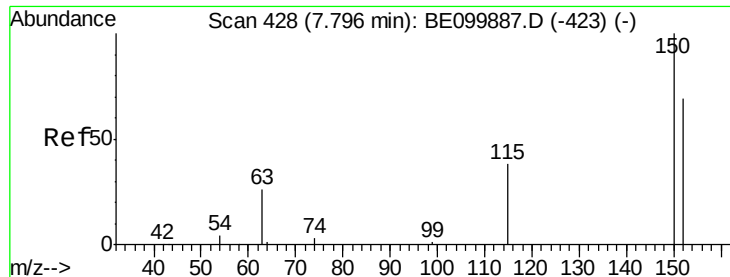
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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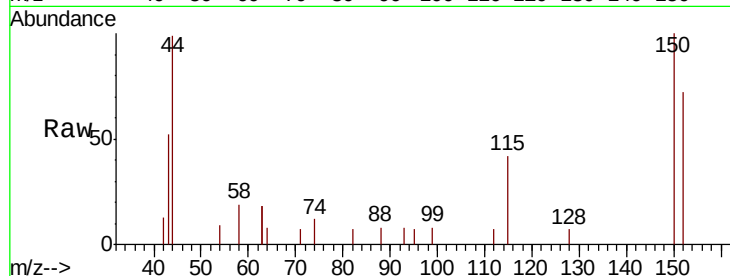


#1

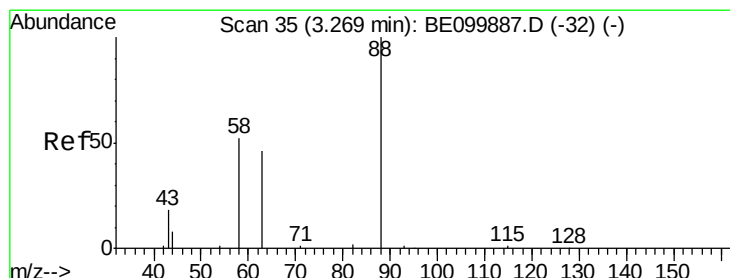
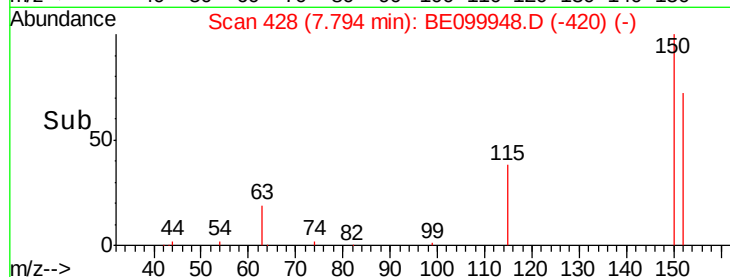
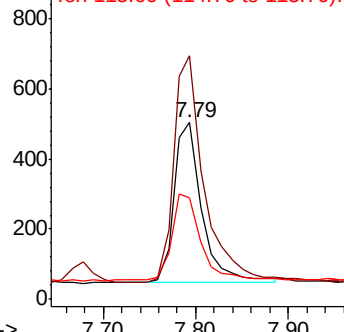
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099948.D
Acq: 12 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
PB120422BSD

Tgt Ion:152 Resp: 961
Ion Ratio Lower Upper
152 100
150 138.0 111.0 166.6
115 57.9 50.7 76.1



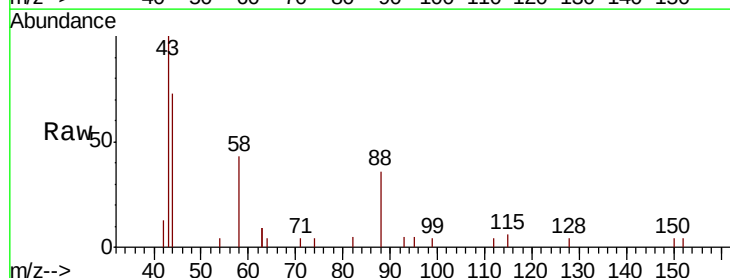
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



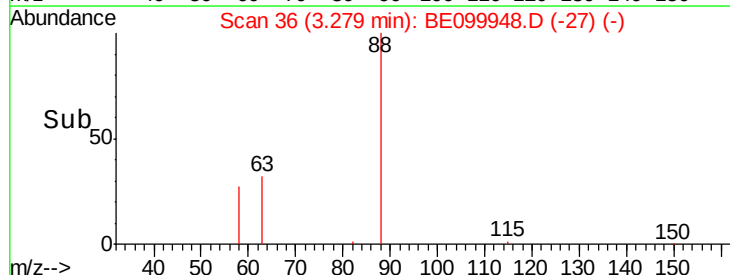
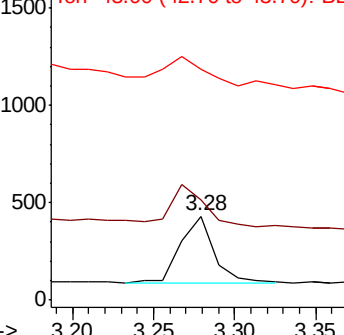
#2

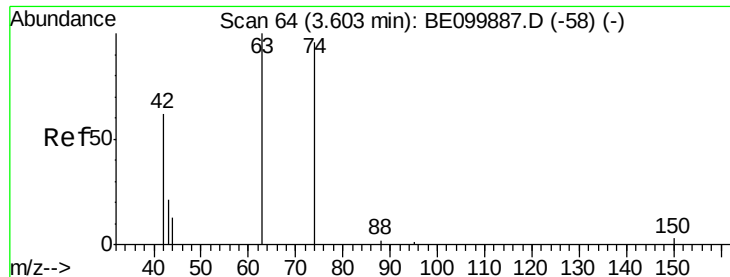
1,4-Dioxane
Concen: 0.343 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE099948.D
Acq: 12 Jun 2019 10:11

Tgt Ion: 88 Resp: 488
Ion Ratio Lower Upper
88 100
58 62.1 48.8 73.2
43 58.0 19.0 28.6#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.317 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

Instrument :

BNA_E

ClientSampleId :

PB120422BSD

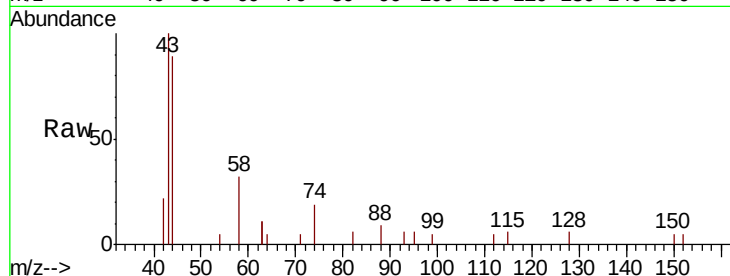
Tgt Ion: 42 Resp: 260

Ion Ratio Lower Upper

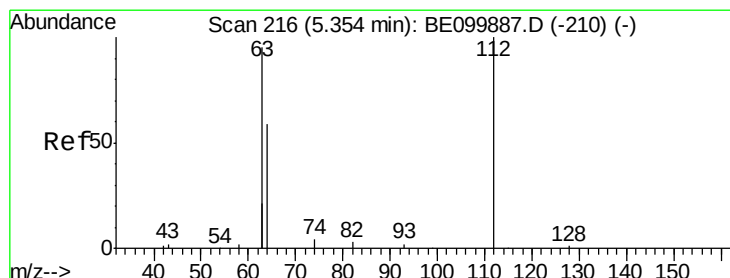
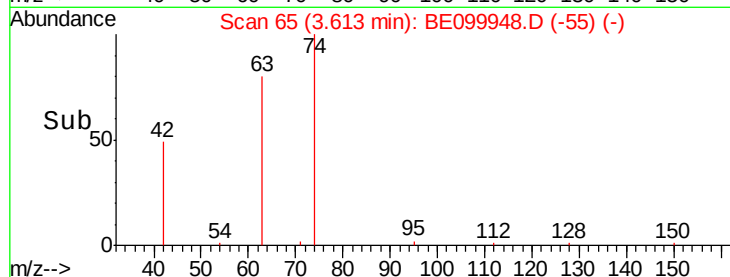
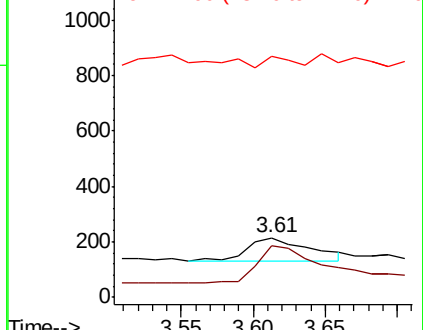
42 100

74 143.1 0.0 0.0#

44 20.0 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.330 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

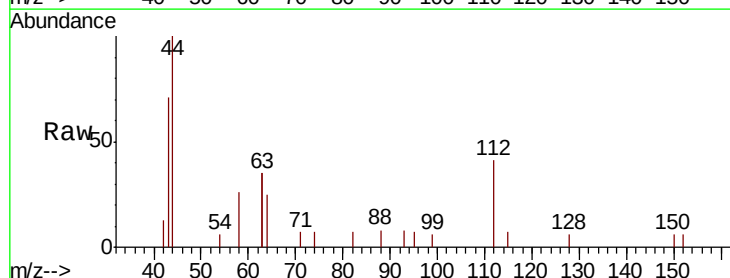
Tgt Ion: 112 Resp: 856

Ion Ratio Lower Upper

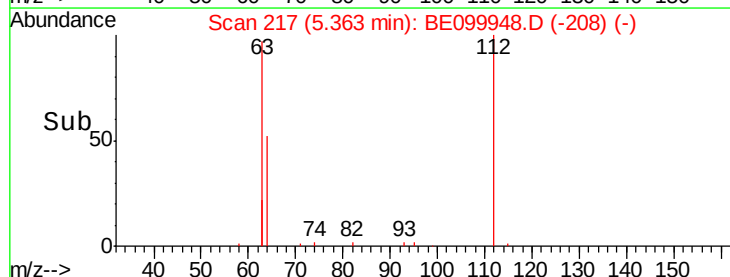
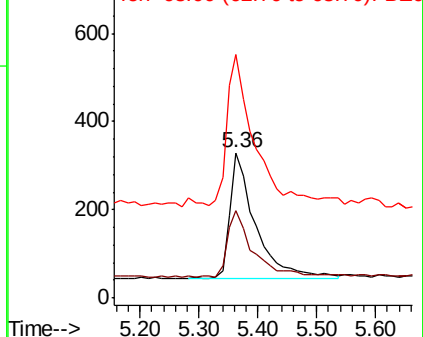
112 100

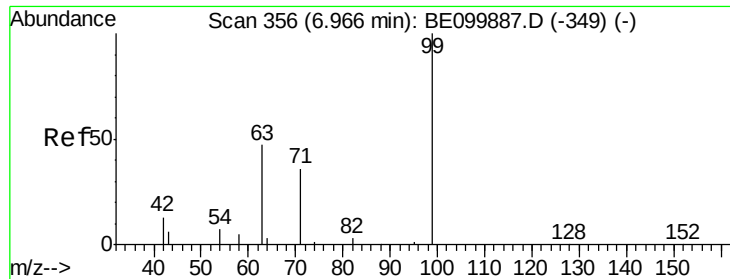
64 52.2 44.1 66.1

63 125.9 87.8 131.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.332 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

Instrument :

BNA_E

ClientSampleId :

PB120422BSD

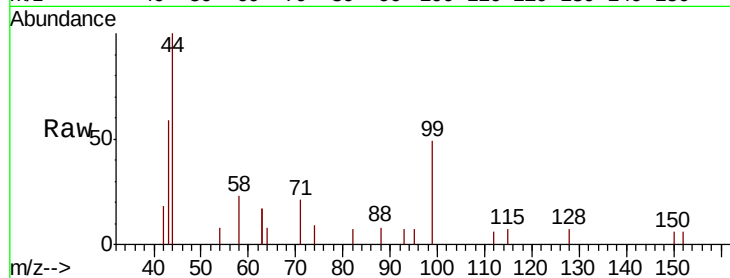
Tgt Ion: 99 Resp: 1109

Ion Ratio Lower Upper

99 100

42 12.1 15.9 23.9#

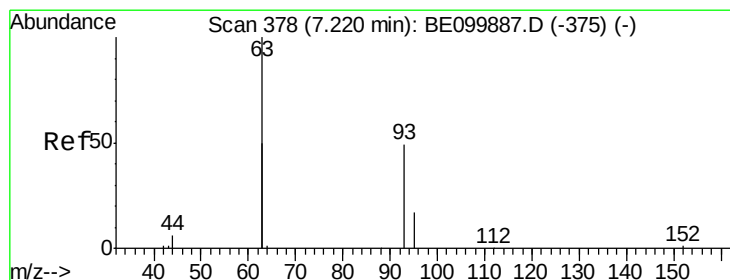
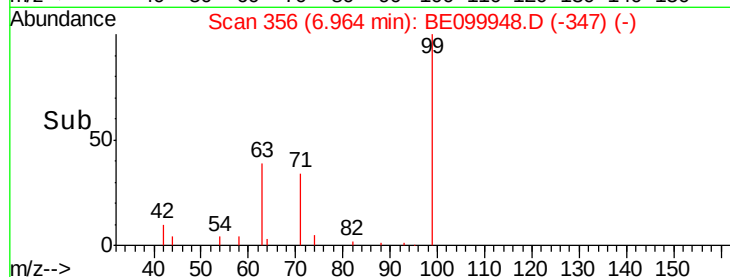
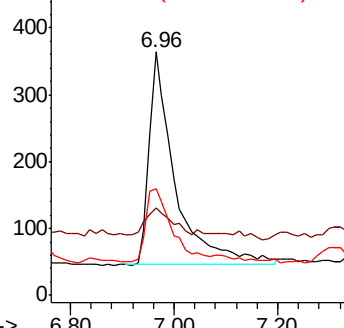
71 34.0 34.6 52.0#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.314 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

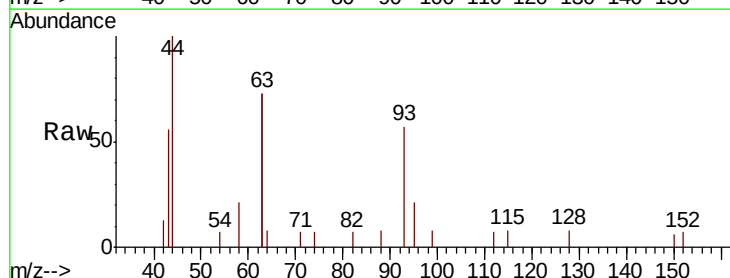
Tgt Ion: 93 Resp: 858

Ion Ratio Lower Upper

93 100

63 261.9 202.8 304.2

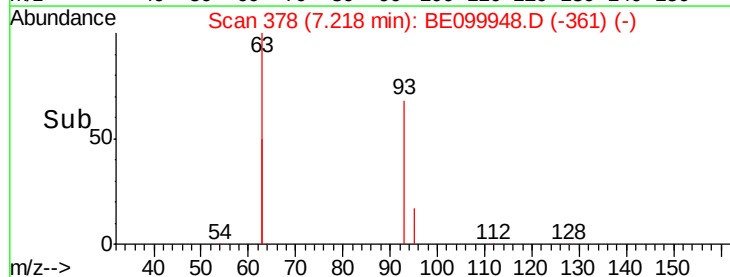
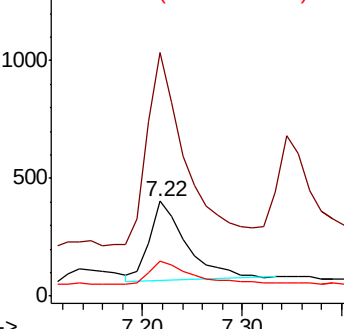
95 36.1 23.7 35.5#

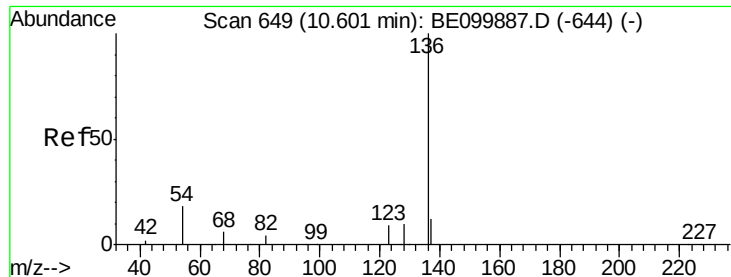


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

Instrument :

BNA_E

ClientSampleId :

PB120422BSD

Tgt Ion: 136 Resp: 3485

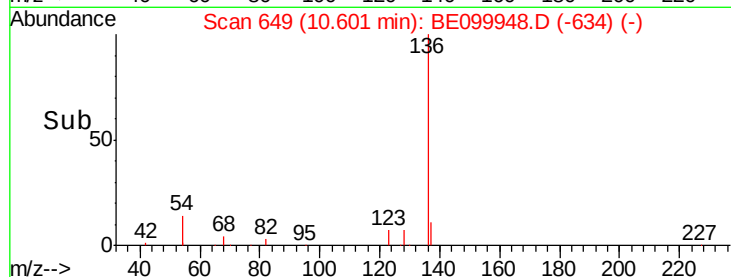
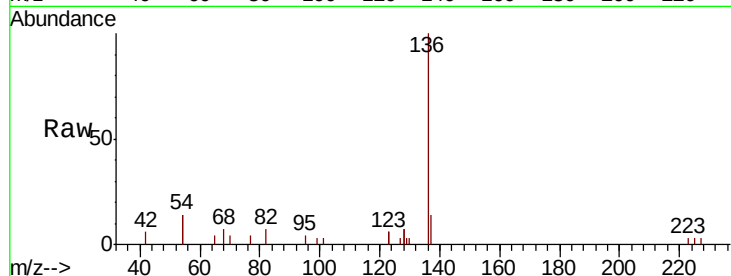
Ion Ratio Lower Upper

136 100

137 13.5 12.3 18.5

54 27.3 28.2 42.4#

68 7.3 7.8 11.8#

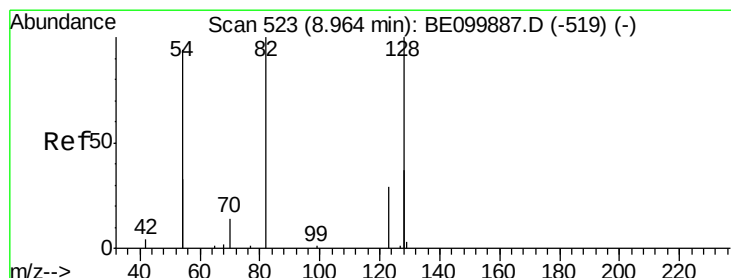
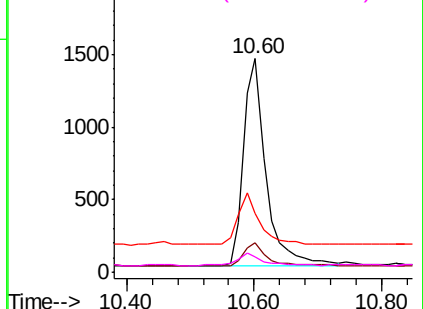


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.323 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

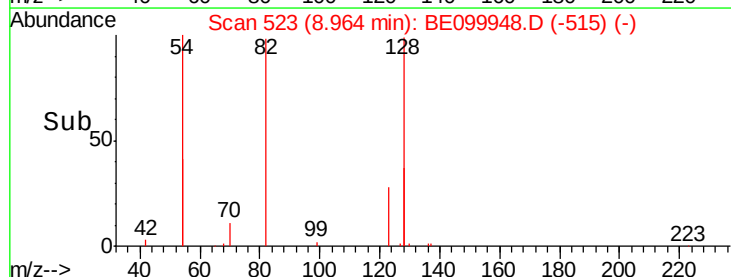
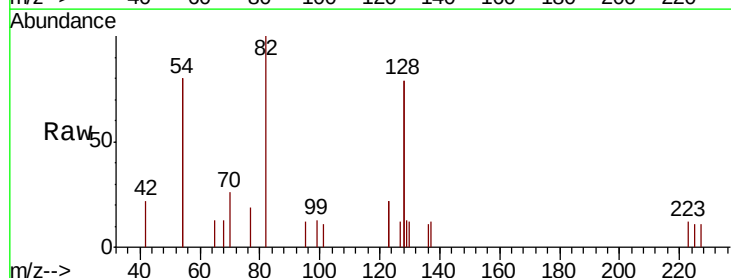
Tgt Ion: 82 Resp: 1065

Ion Ratio Lower Upper

82 100

128 157.3 137.3 205.9

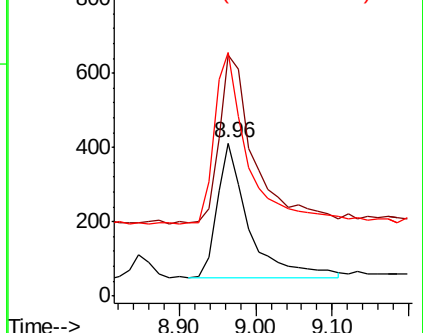
54 159.2 129.7 194.5

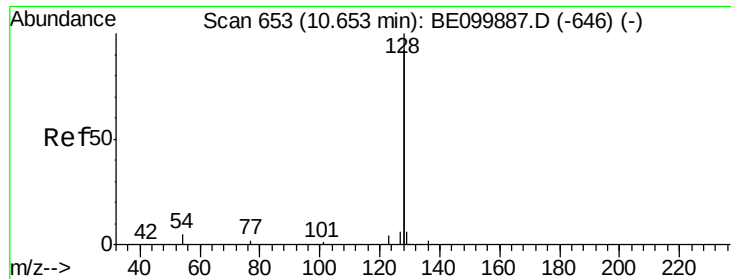


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.353 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

Instrument :

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ClientSampleId :

PB120422BSD

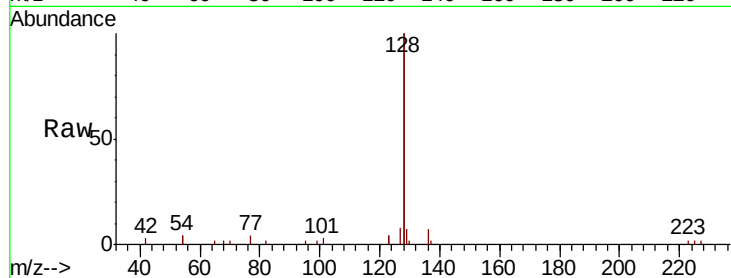
Tgt Ion:128 Resp: 13275

Ion Ratio Lower Upper

128 100

129 3.3 3.0 4.6

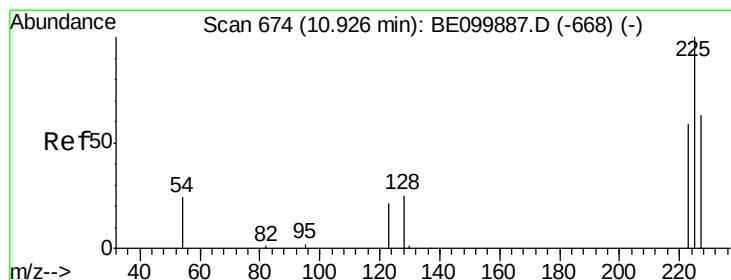
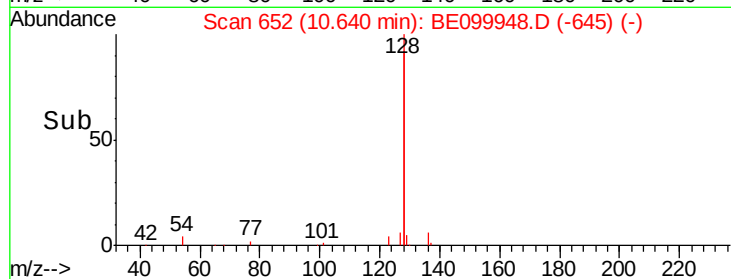
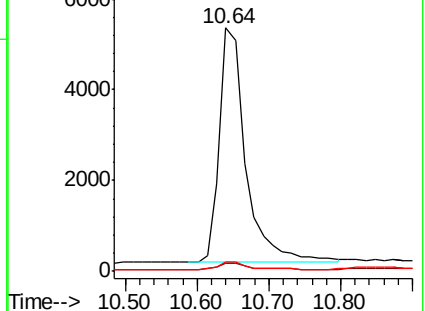
127 4.1 3.4 5.0



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: 0.369 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.01 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

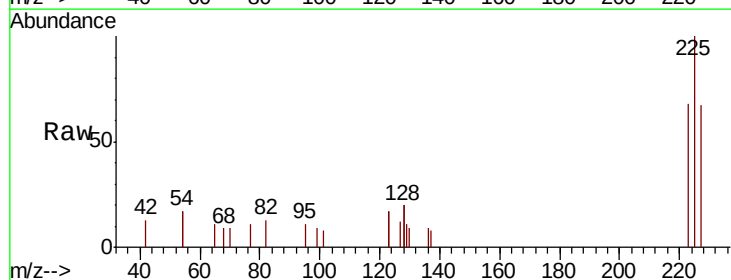
Tgt Ion:225 Resp: 1058

Ion Ratio Lower Upper

225 100

223 64.7 51.6 77.4

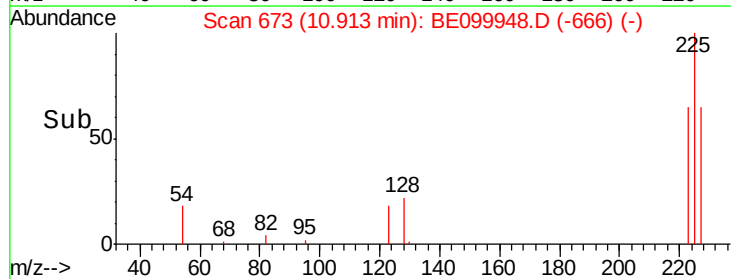
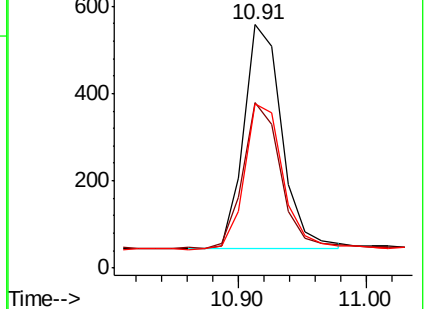
227 65.8 50.6 76.0

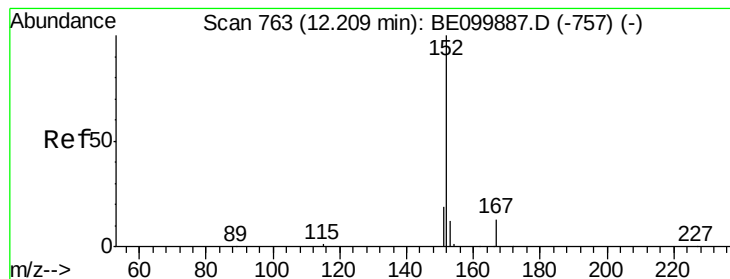


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.461 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

Instrument :

BNA_E

ClientSampleId :

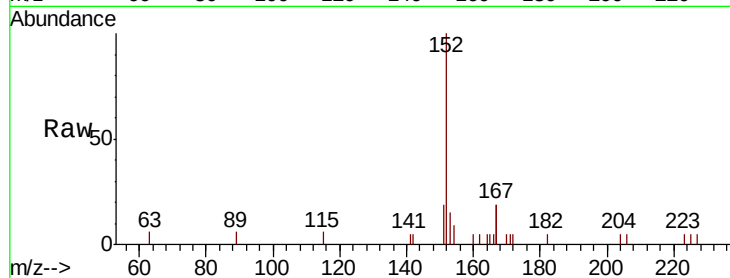
PB120422BSD

Tgt Ion:152 Resp: 2800

Ion Ratio Lower Upper

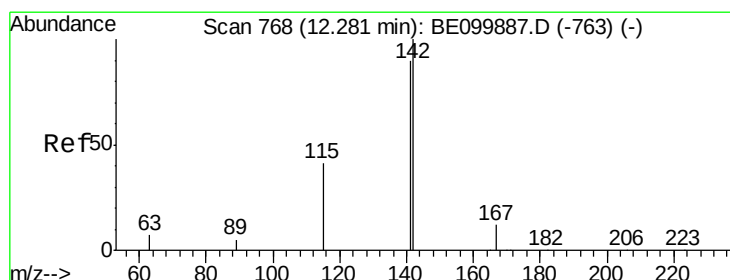
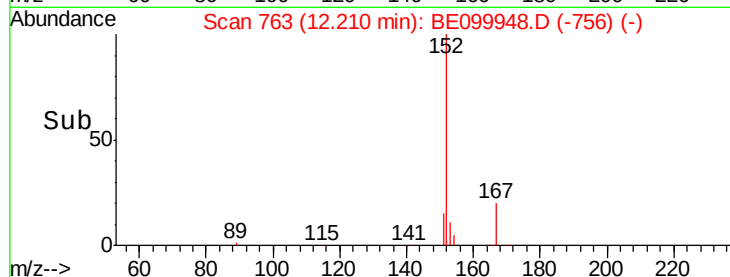
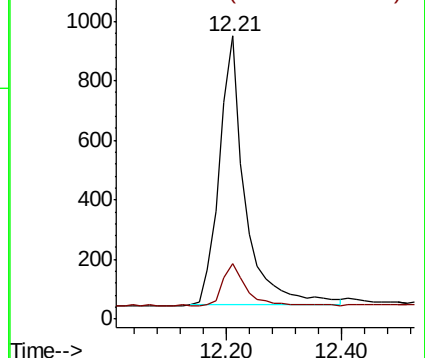
152 100

151 13.9 15.2 22.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.338 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

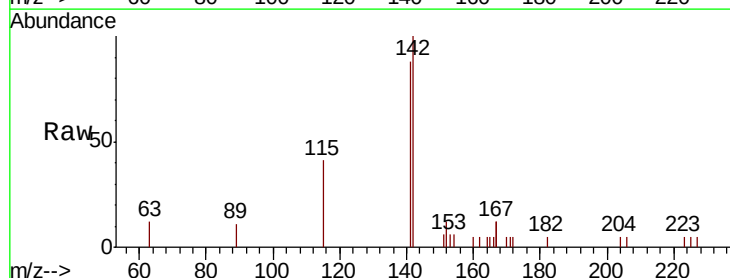
Tgt Ion:142 Resp: 2068

Ion Ratio Lower Upper

142 100

141 88.0 72.3 108.5

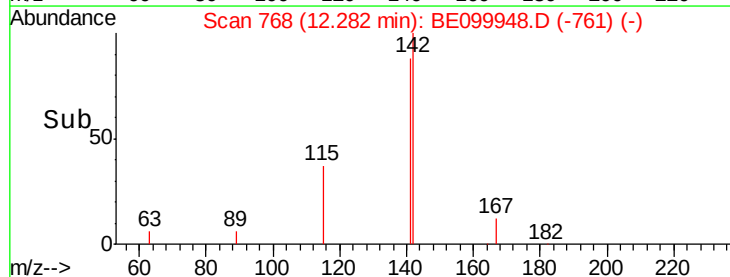
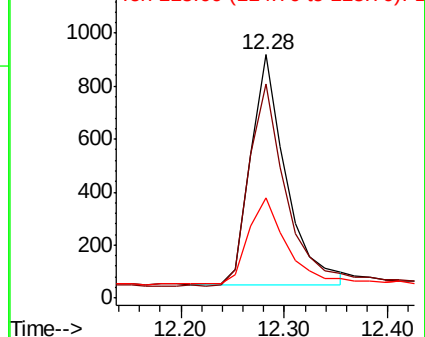
115 41.1 36.4 54.6

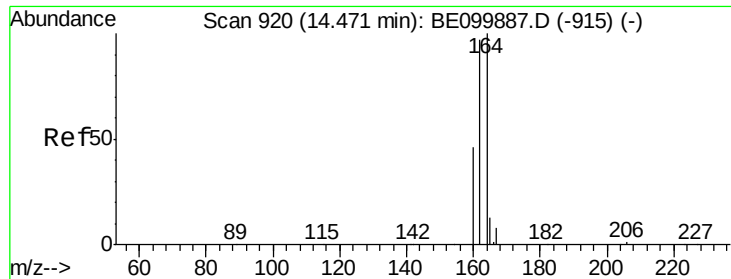


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

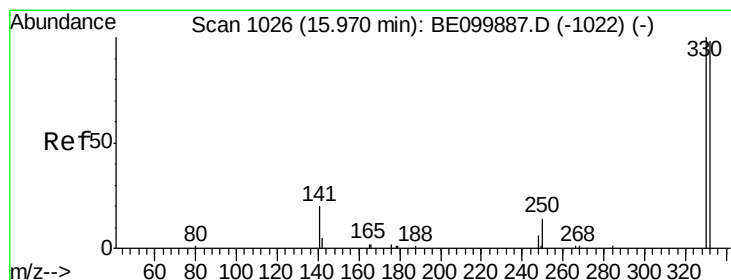
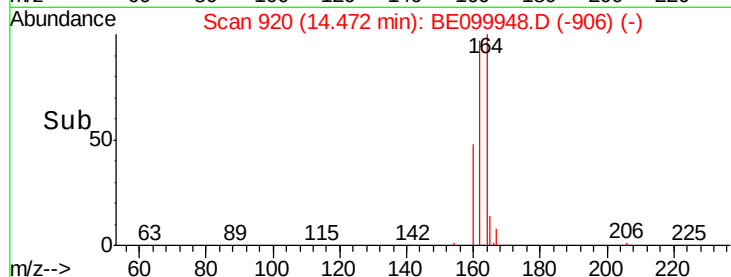
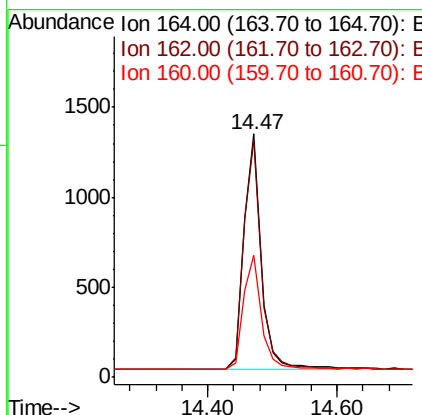
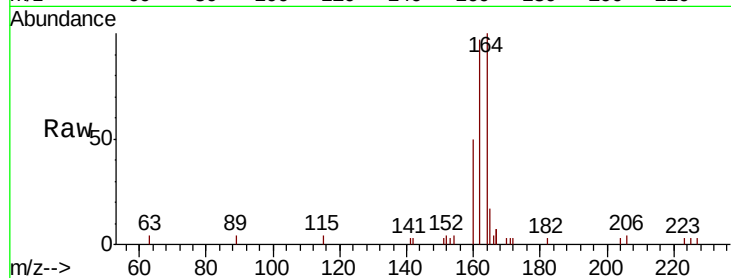




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE099948.D
 Acq: 12 Jun 2019 10:11

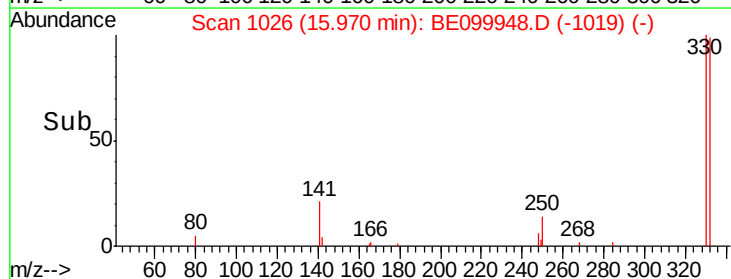
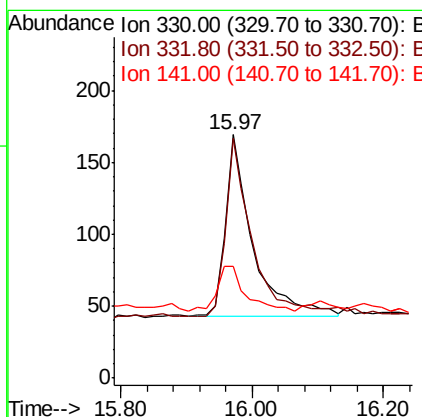
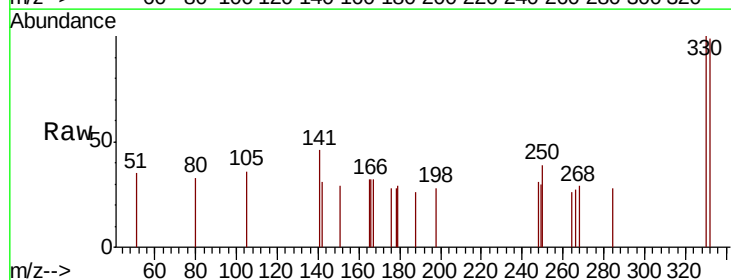
Instrument :
 BNA_E
 ClientSampleId :
 PB120422BSD

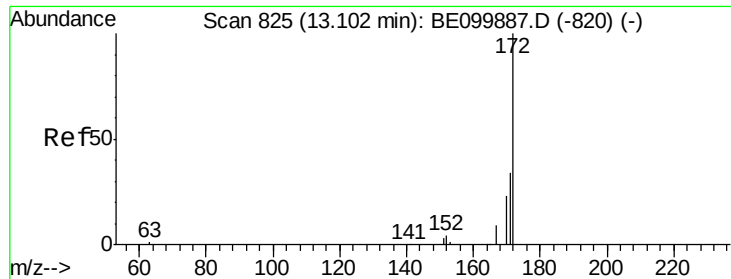
Tgt Ion:164 Resp: 2404
 Ion Ratio Lower Upper
 164 100
 162 97.2 77.8 116.8
 160 50.1 38.2 57.4



#14
 2,4,6-Tribromophenol
 Concen: 0.207 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE099948.D
 Acq: 12 Jun 2019 10:11

Tgt Ion:330 Resp: 368
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.7 115.1
 141 24.5 21.0 31.6

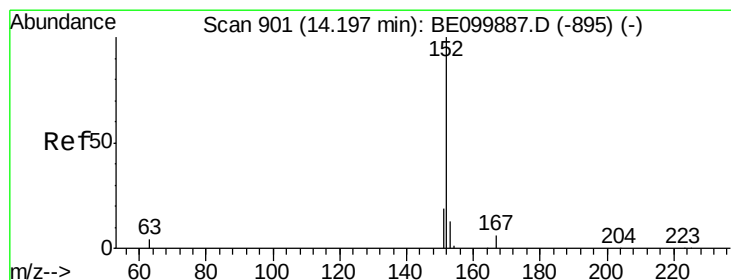
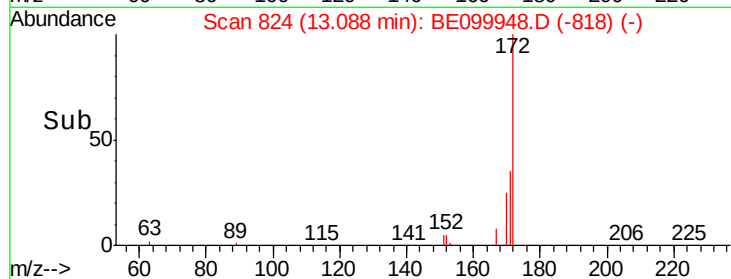
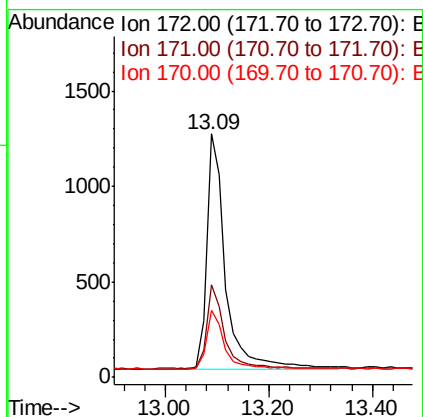
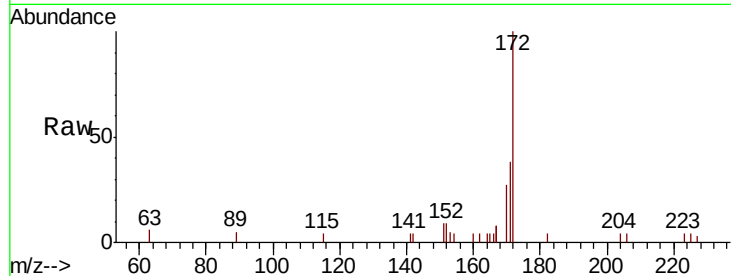




#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099948.D
Acq: 12 Jun 2019 10:11

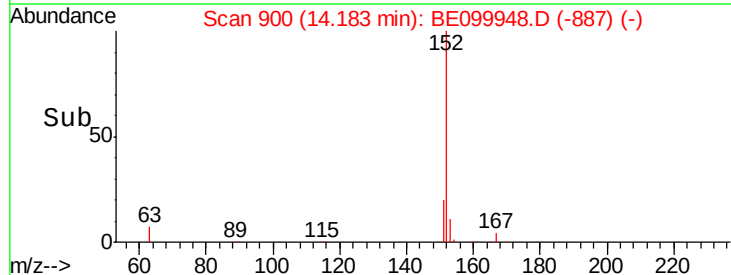
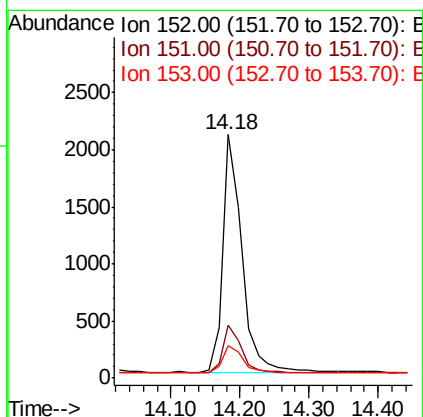
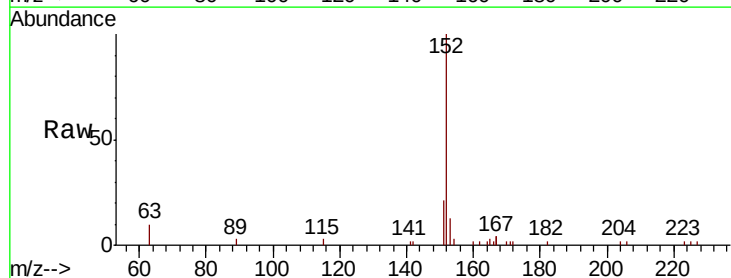
Instrument :
BNA_E
ClientSampleId :
PB120422BSD

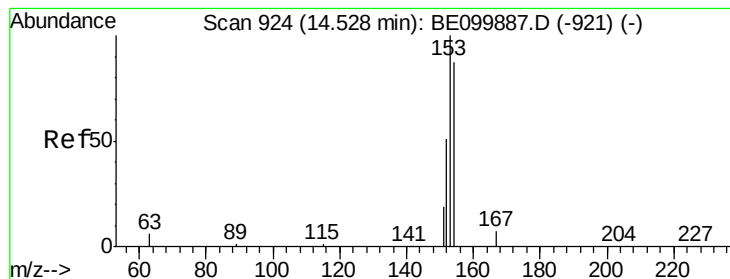
Tgt Ion:172 Resp: 3087
Ion Ratio Lower Upper
172 100
171 37.9 29.2 43.8
170 27.3 21.2 31.8



#16
Acenaphthylene
Concen: 0.340 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099948.D
Acq: 12 Jun 2019 10:11

Tgt Ion:152 Resp: 4072
Ion Ratio Lower Upper
152 100
151 19.5 15.5 23.3
153 12.5 10.2 15.2





#17

Acenaphthene

Concen: 0.325 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

Instrument :

BNA_E

ClientSampleId :

PB120422BSD

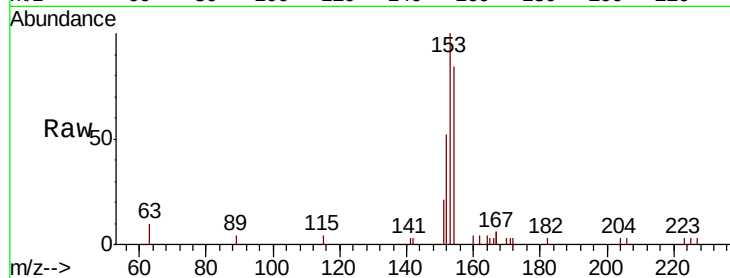
Tgt Ion:154 Resp: 2120

Ion Ratio Lower Upper

154 100

153 120.8 93.1 139.7

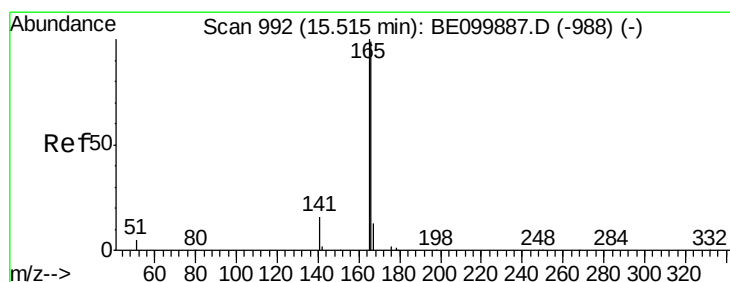
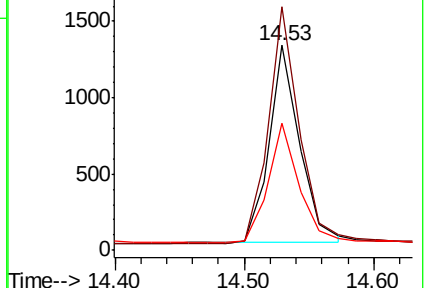
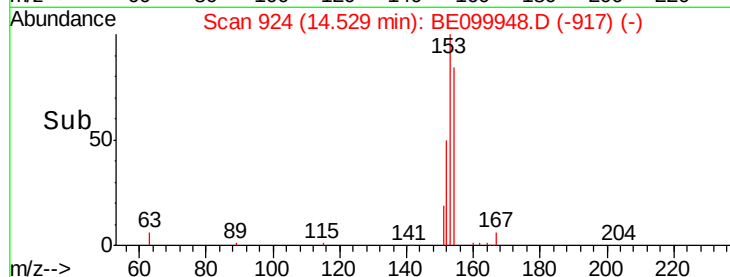
152 60.8 47.0 70.4



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: 0.333 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

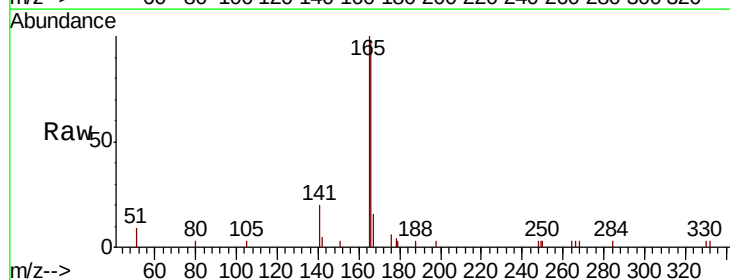
Tgt Ion:166 Resp: 3252

Ion Ratio Lower Upper

166 100

165 103.3 81.8 122.8

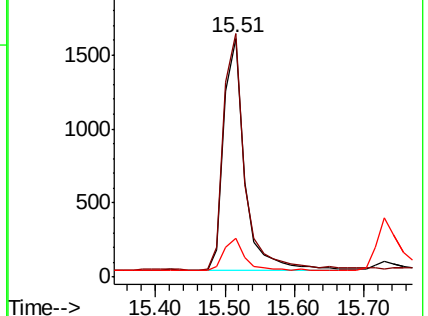
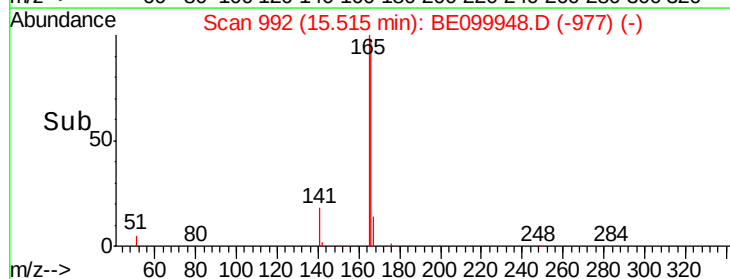
167 13.9 11.2 16.8

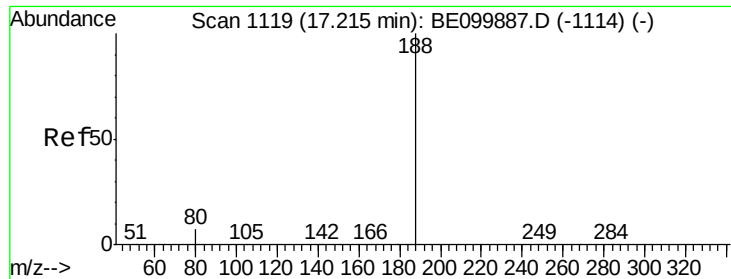


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

Instrument :

BNA_E

ClientSampleId :

PB120422BSD

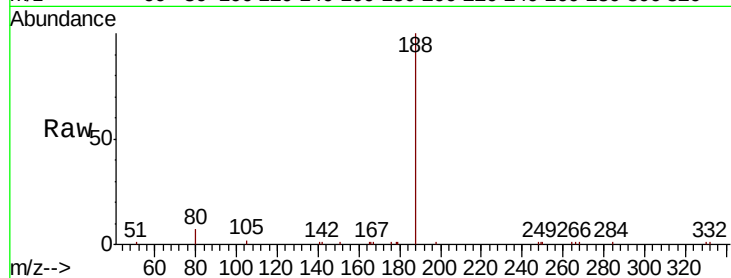
Tgt Ion:188 Resp: 7772

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

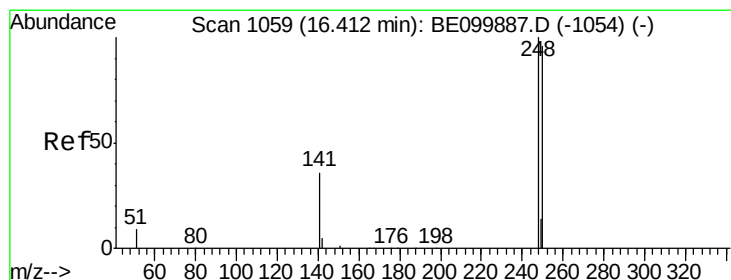
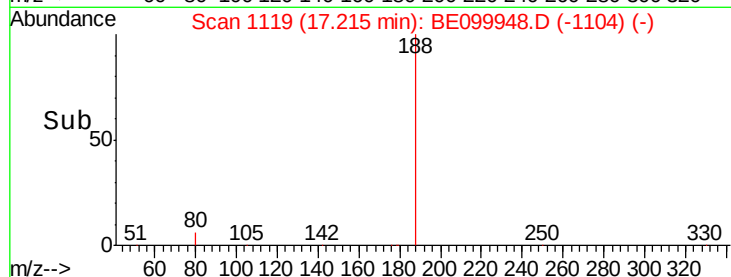
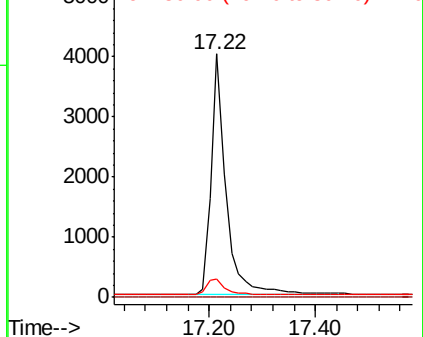
80 7.3 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.328 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

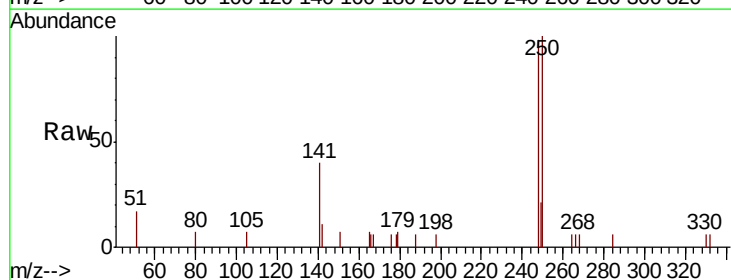
Tgt Ion:248 Resp: 1443

Ion Ratio Lower Upper

248 100

250 101.9 77.5 116.3

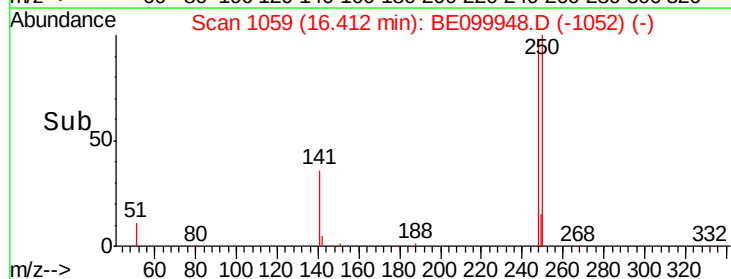
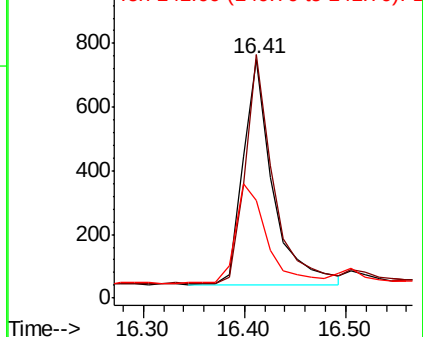
141 40.7 31.8 47.8

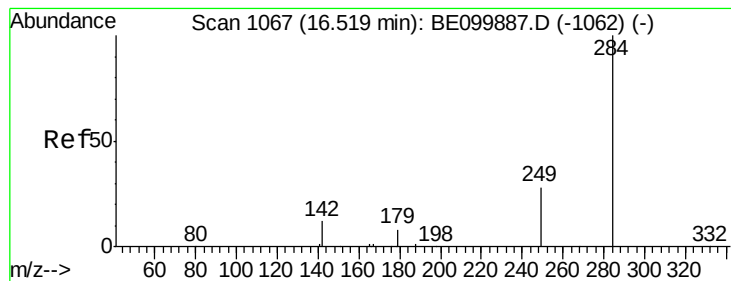


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.348 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

Instrument :

BNA_E

ClientSampleId :

PB120422BSD

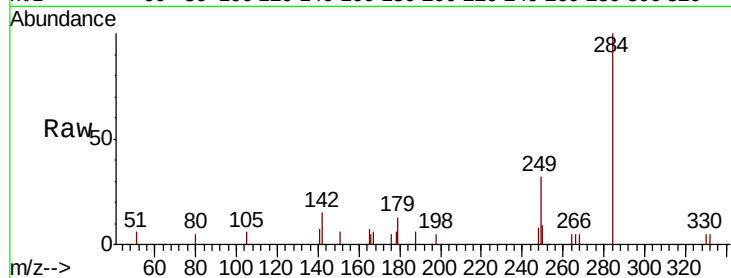
Tgt Ion:284 Resp: 1566

Ion Ratio Lower Upper

284 100

142 23.3 18.2 27.4

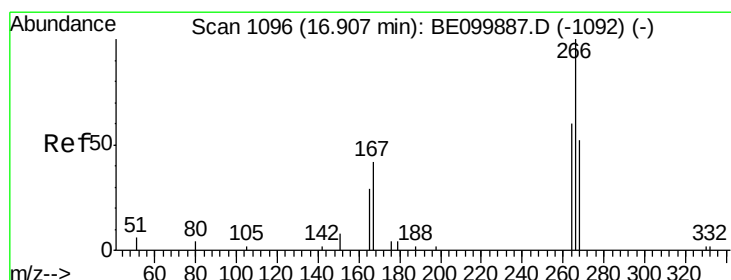
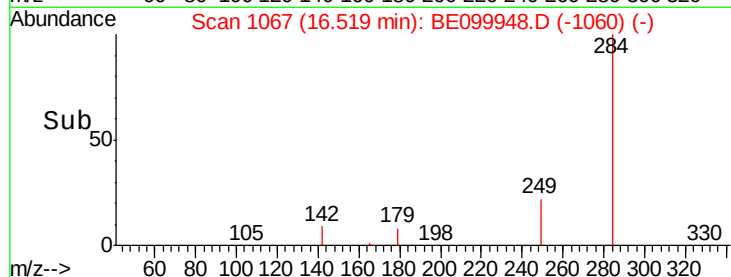
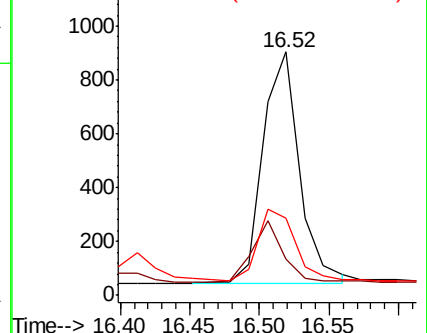
249 30.8 24.6 37.0



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: 0.380 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

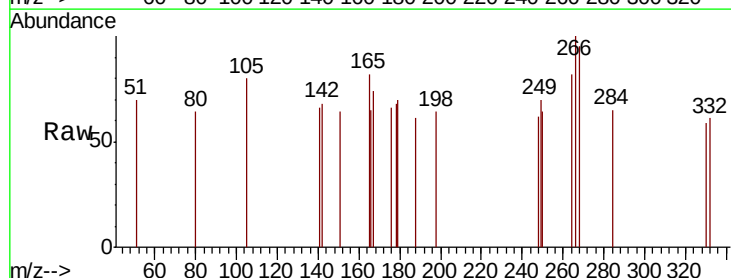
Tgt Ion:266 Resp: 174

Ion Ratio Lower Upper

266 100

264 82.4 62.2 93.2

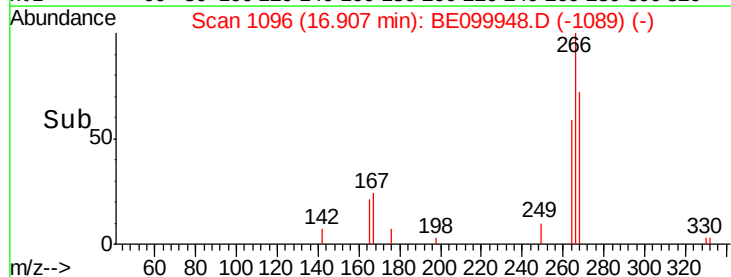
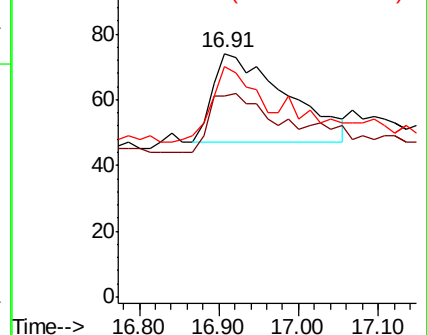
268 94.6 65.5 98.3

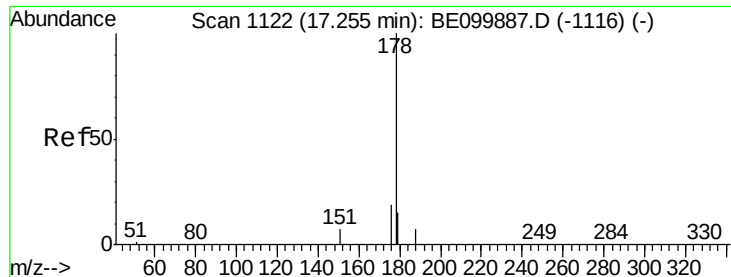


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.336 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

Instrument :

BNA_E

ClientSampleId :

PB120422BSD

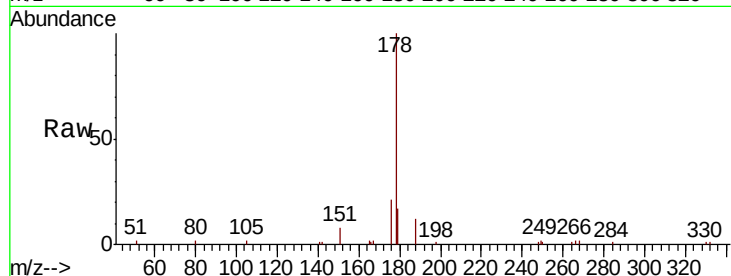
Tgt Ion:178 Resp: 6344

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

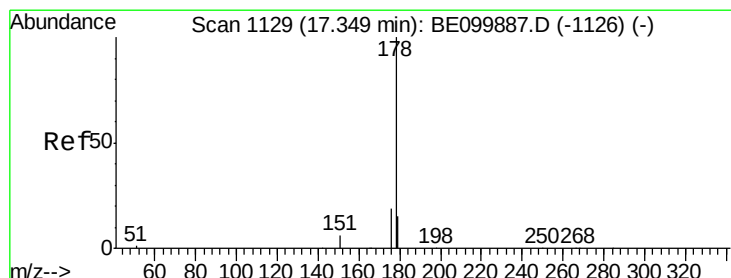
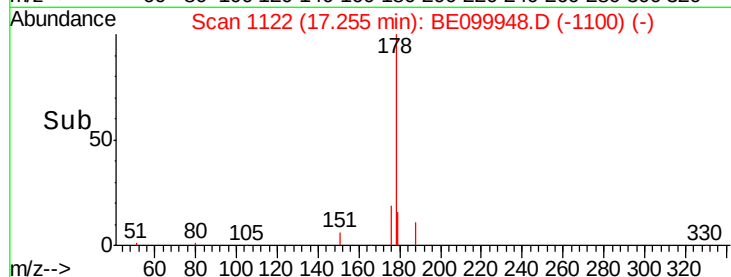
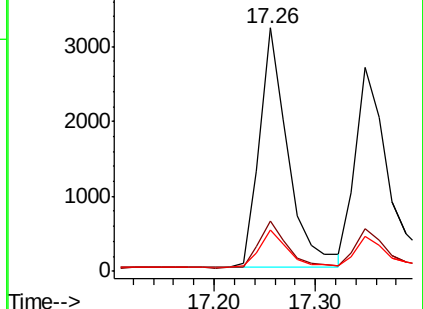
179 15.7 12.4 18.6



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: 0.306 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

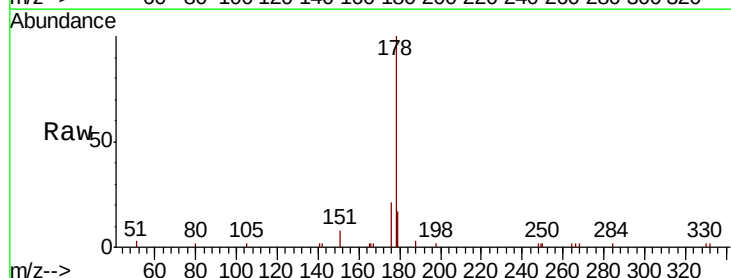
Tgt Ion:178 Resp: 5298

Ion Ratio Lower Upper

178 100

176 19.6 14.6 22.0

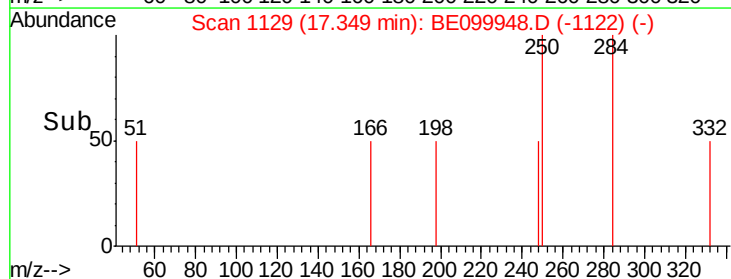
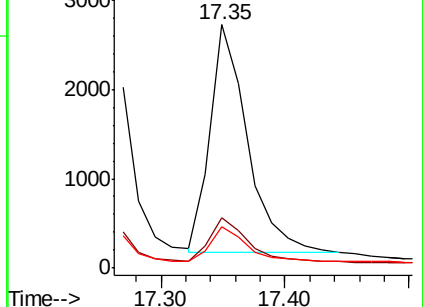
179 14.6 12.3 18.5

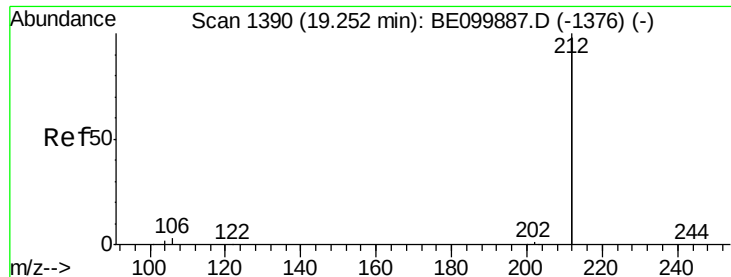


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.331 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

Instrument :

BNA_E

ClientSampleId :

PB120422BSD

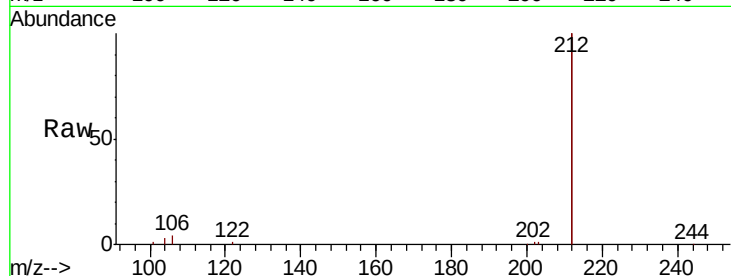
Tgt Ion:212 Resp: 37486

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

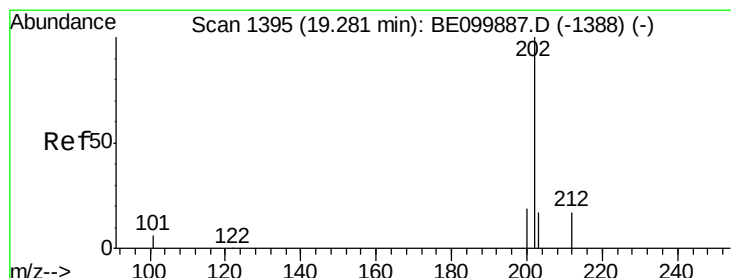
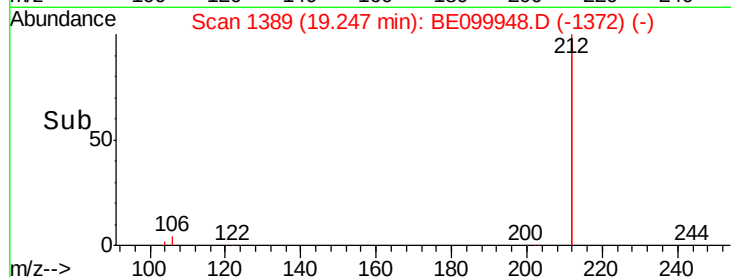
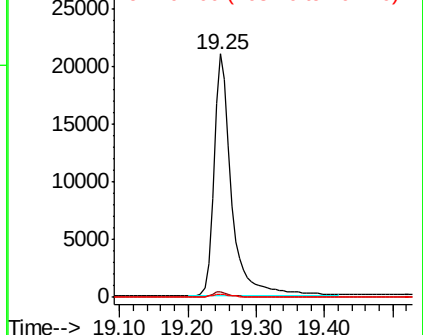
104 1.1 0.9 1.3



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: 0.349 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

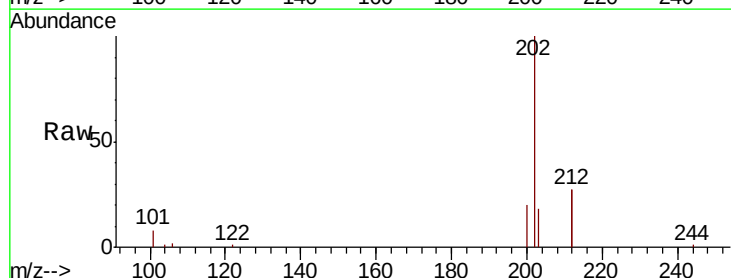
Tgt Ion:202 Resp: 11195

Ion Ratio Lower Upper

202 100

101 6.9 5.4 8.0

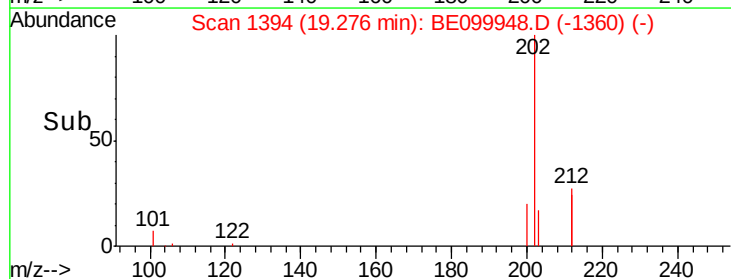
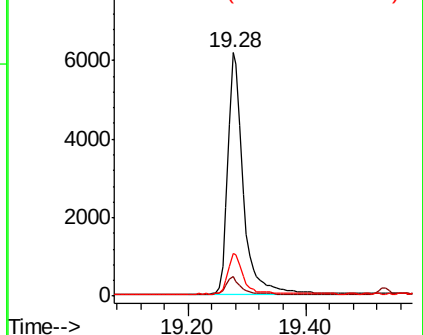
203 16.8 13.2 19.8

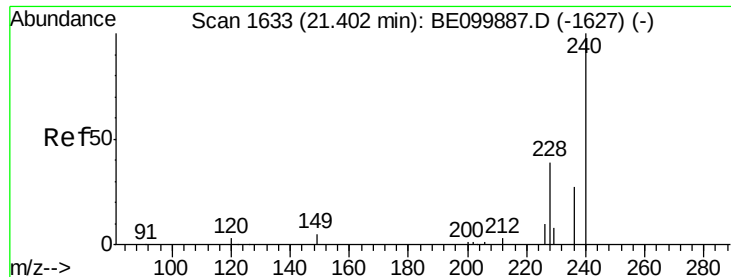


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

Instrument :

BNA_E

ClientSampleId :

PB120422BSD

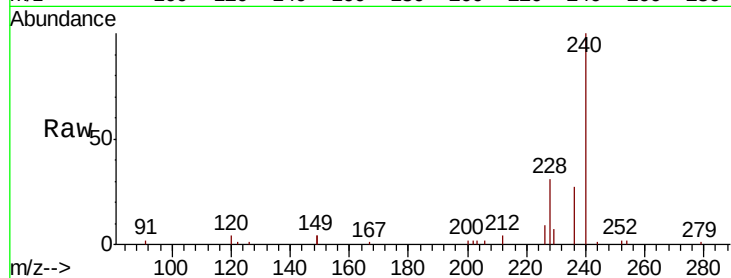
Tgt Ion:240 Resp: 11827

Ion Ratio Lower Upper

240 100

120 4.3 3.8 5.6

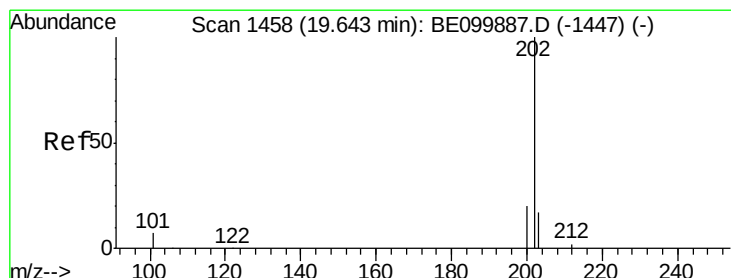
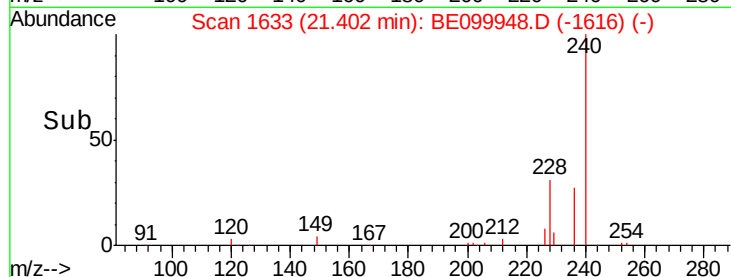
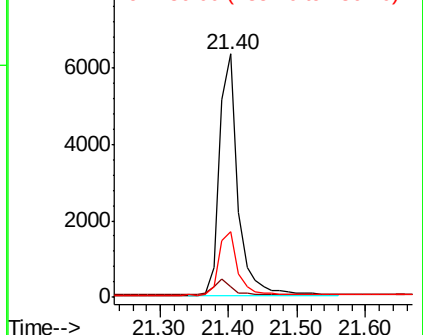
236 27.2 22.0 33.0



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: 0.384 ng

RT: 19.64 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

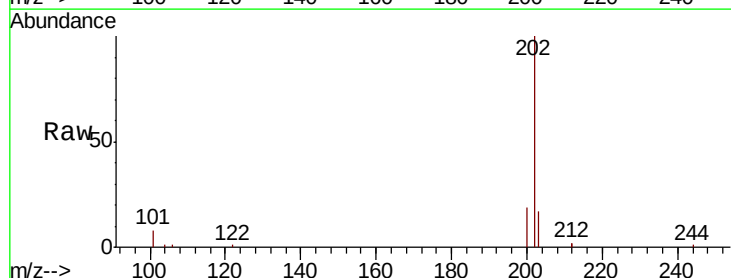
Tgt Ion:202 Resp: 11919

Ion Ratio Lower Upper

202 100

200 19.1 15.5 23.3

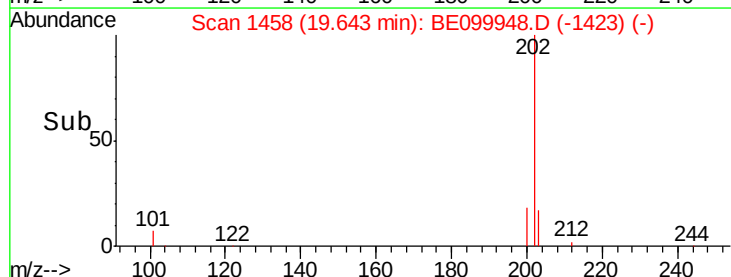
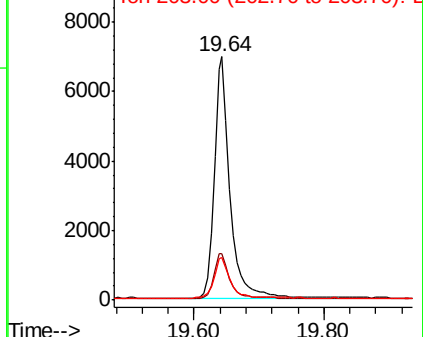
203 17.3 14.0 21.0

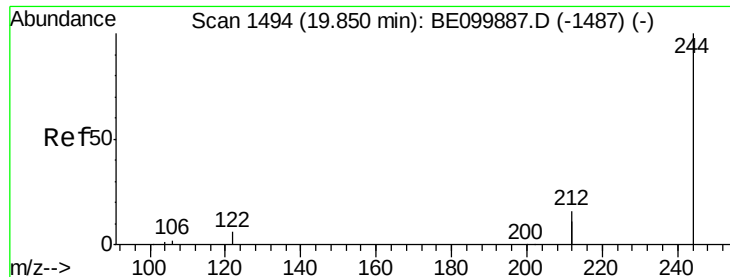


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.376 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

Instrument :

BNA_E

ClientSampleId :

PB120422BSD

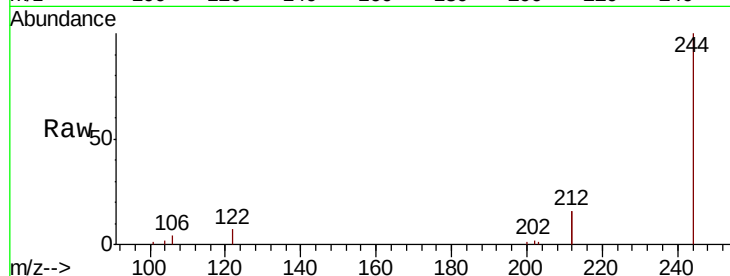
Tgt Ion:244 Resp: 8011

Ion Ratio Lower Upper

244 100

212 32.3 25.7 38.5

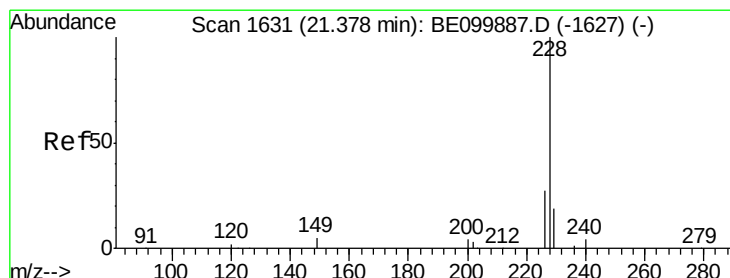
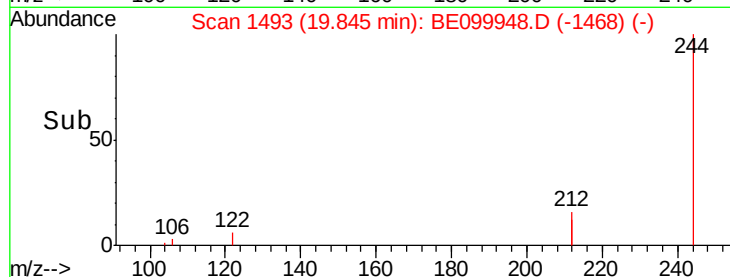
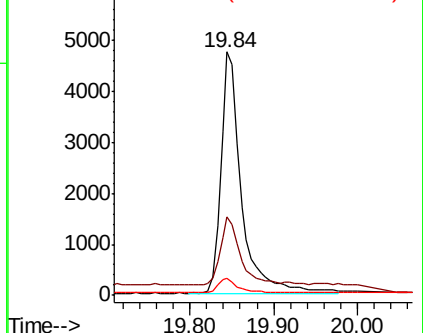
122 7.1 5.5 8.3



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: 0.401 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

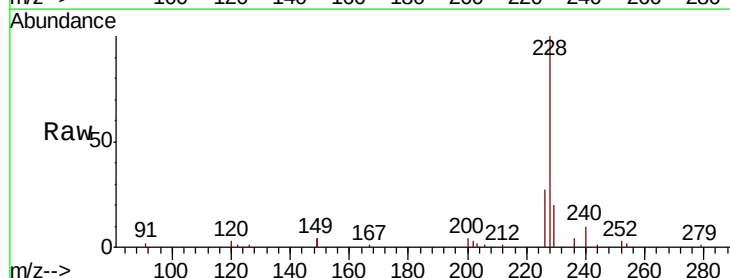
Tgt Ion:228 Resp: 14156

Ion Ratio Lower Upper

228 100

226 27.5 22.5 33.7

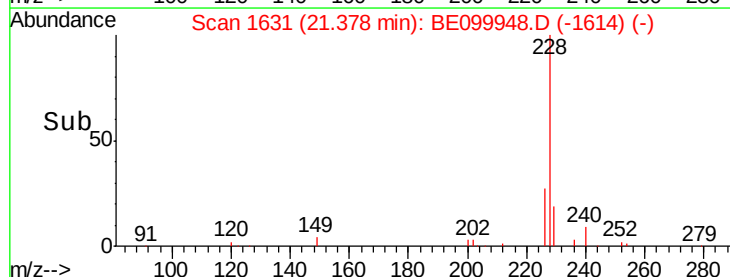
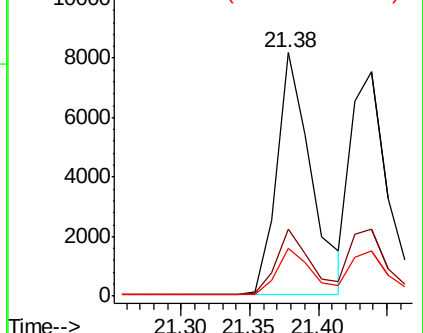
229 19.7 15.9 23.9

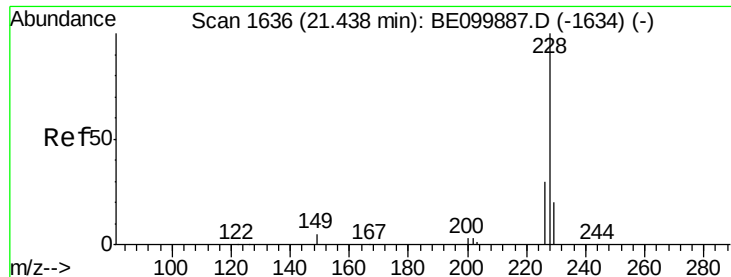


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.375 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

Instrument :

BNA_E

ClientSampleId :

PB120422BSD

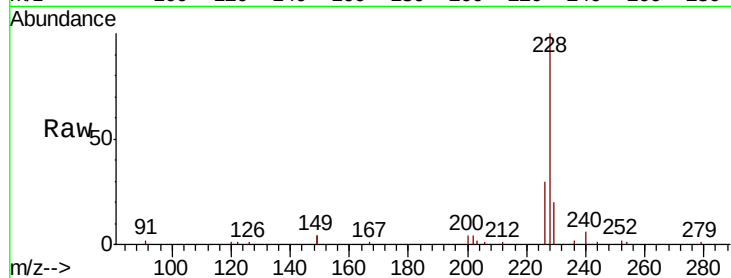
Tgt Ion:228 Resp: 13700

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

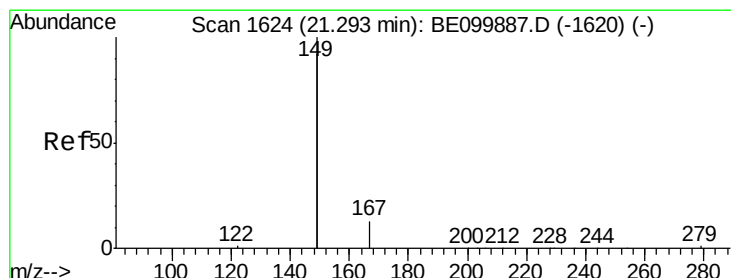
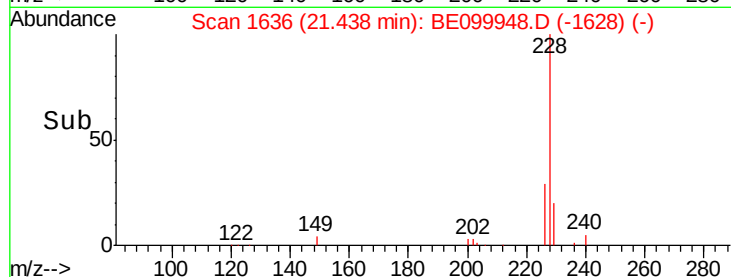
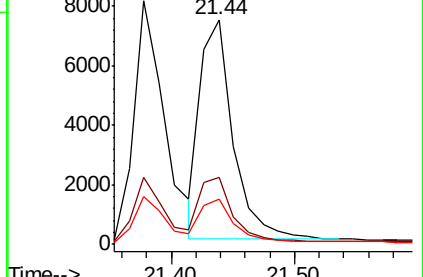
229 20.4 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.346 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

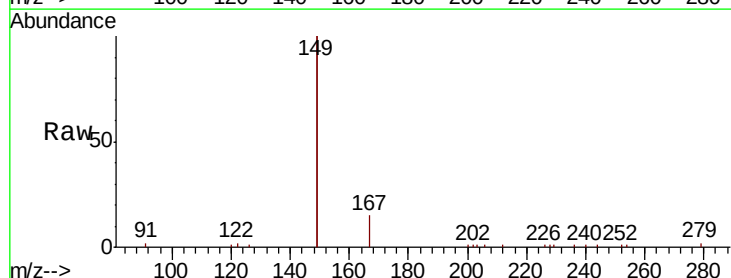
Tgt Ion:149 Resp: 17531

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

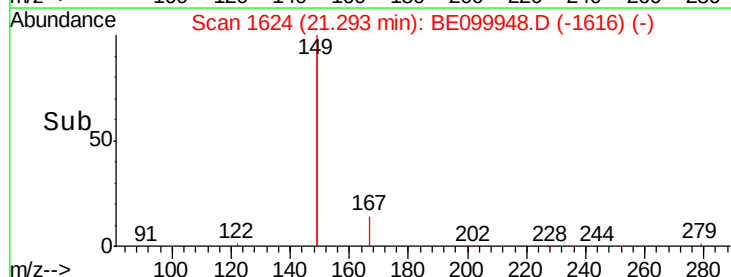
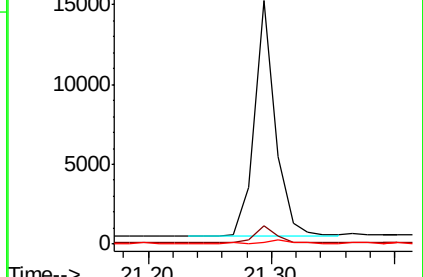
279 1.3 1.2 1.8

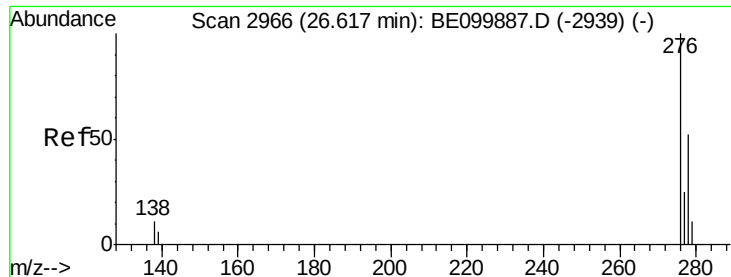


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.375 ng

RT: 26.61 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

Instrument :

BNA_E

ClientSampleId :

PB120422BSD

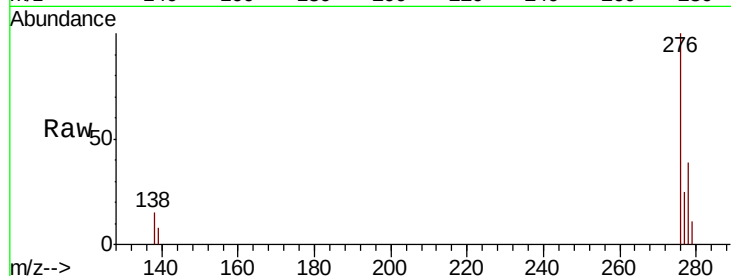
Tgt Ion:276 Resp: 16270

Ion Ratio Lower Upper

276 100

138 14.3 10.1 15.1

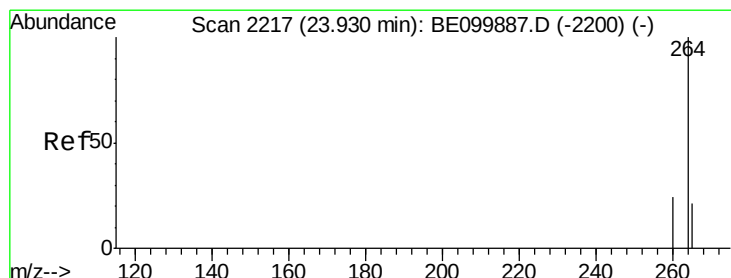
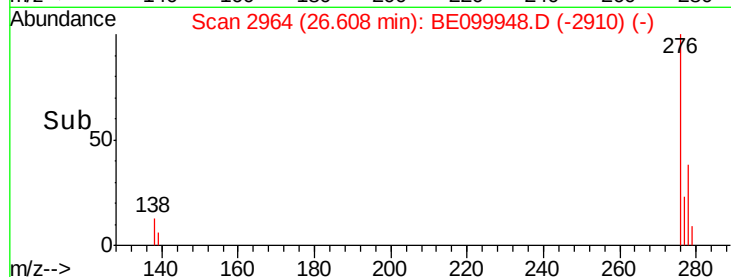
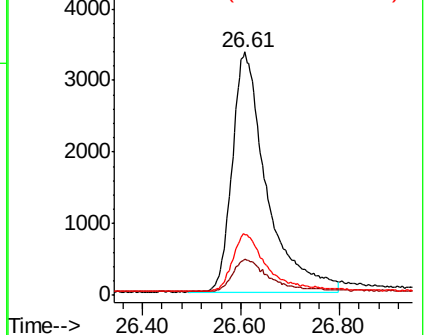
277 23.2 19.1 28.7



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: 23.93 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

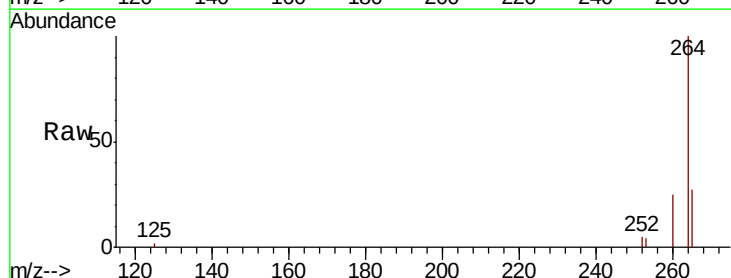
Tgt Ion:264 Resp: 13166

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

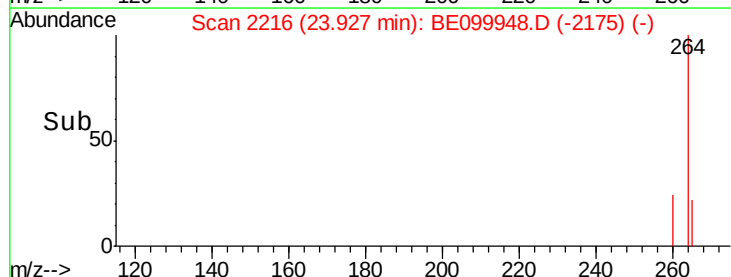
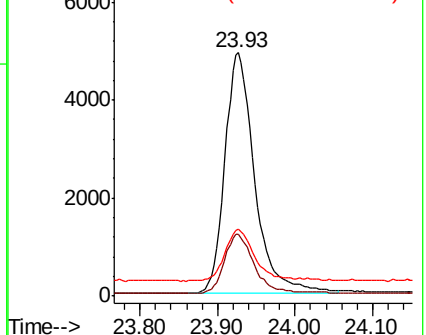
265 27.5 22.0 33.0

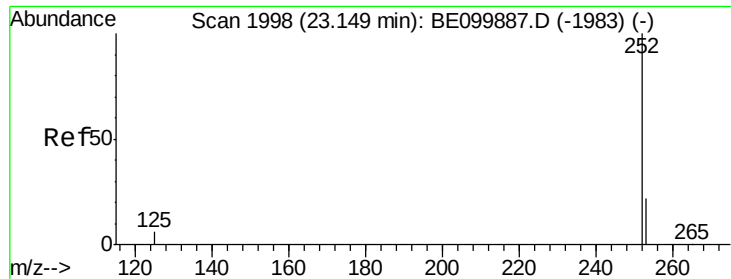


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.417 ng

RT: 23.20 min Scan# 2011

Delta R.T. 0.05 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

Instrument :

BNA_E

ClientSampleId :

PB120422BSD

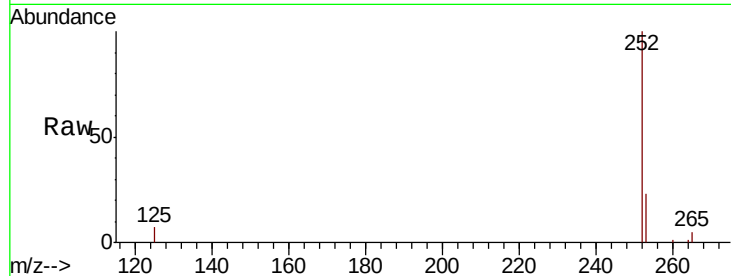
Tgt Ion:252 Resp: 15370

Ion Ratio Lower Upper

252 100

253 23.2 18.7 28.1

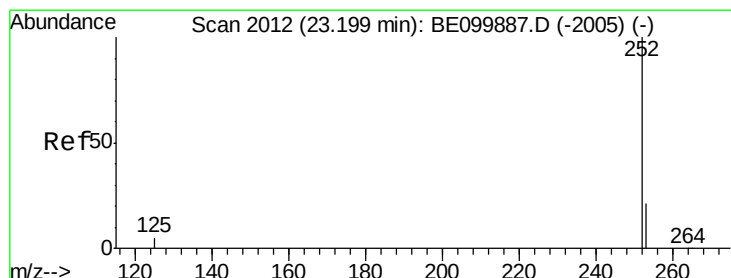
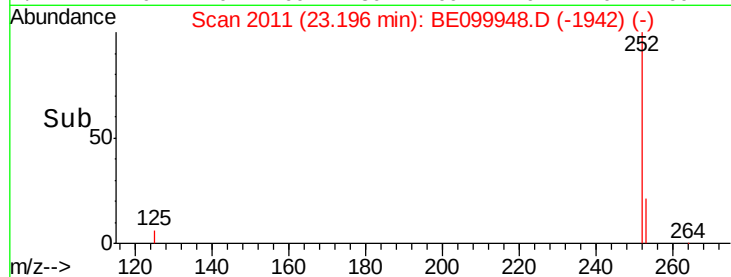
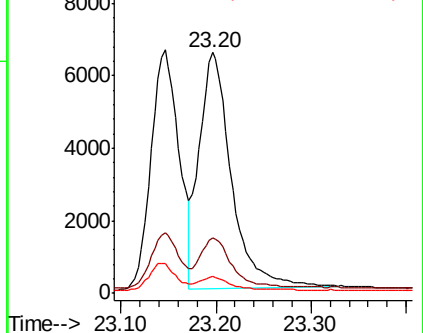
125 6.9 5.7 8.5



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



#36

Benzo(k)fluoranthene

Concen: 0.409 ng

RT: 23.20 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

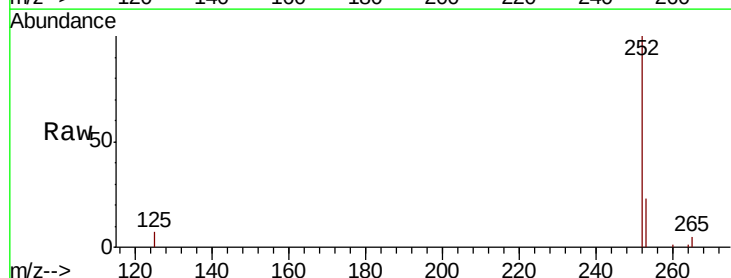
Tgt Ion:252 Resp: 15792

Ion Ratio Lower Upper

252 100

253 23.2 18.6 28.0

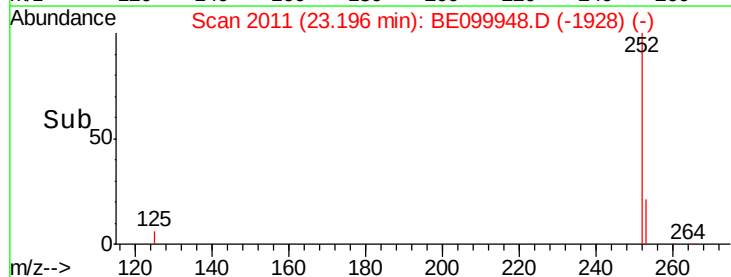
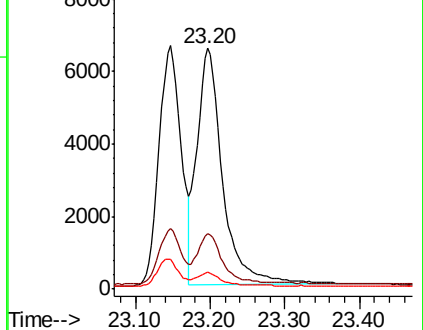
125 6.9 5.4 8.0

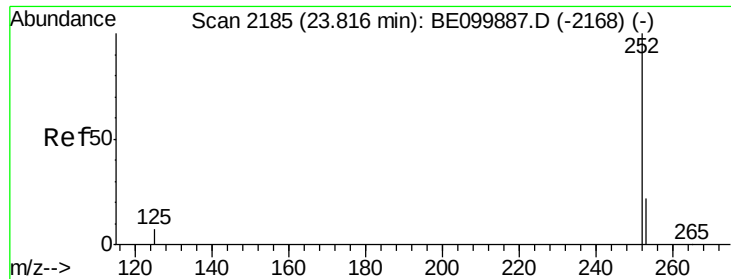


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.386 ng

RT: 23.81 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

Instrument :

BNA_E

ClientSampleId :

PB120422BSD

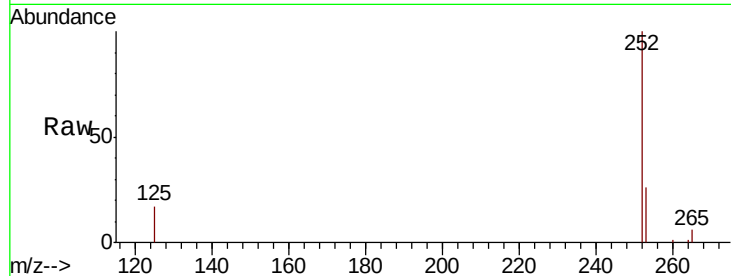
Tgt Ion:252 Resp: 14020

Ion Ratio Lower Upper

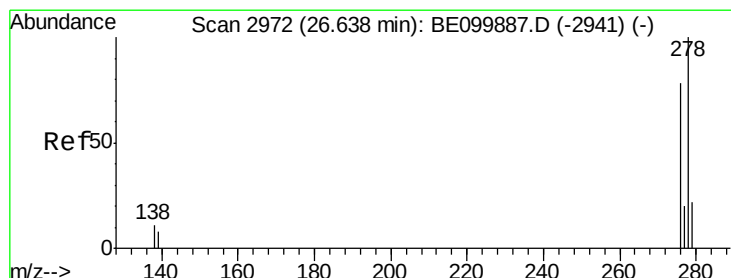
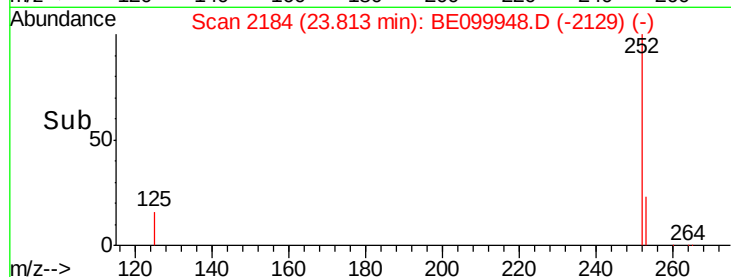
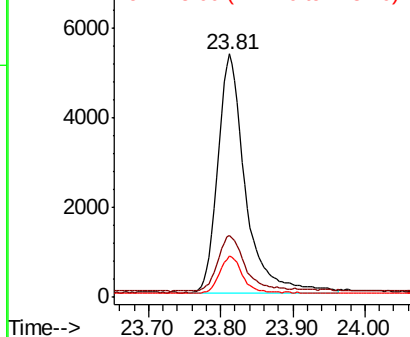
252 100

253 25.6 19.6 29.4

125 17.1 6.6 10.0#



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: 0.351 ng

RT: 26.64 min Scan# 2973

Delta R.T. 0.00 min

Lab File: BE099948.D

Acq: 12 Jun 2019 10:11

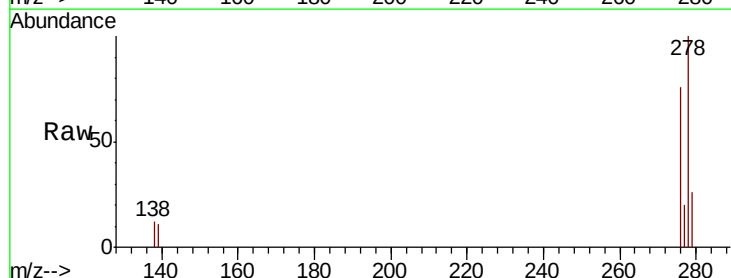
Tgt Ion:278 Resp: 12850

Ion Ratio Lower Upper

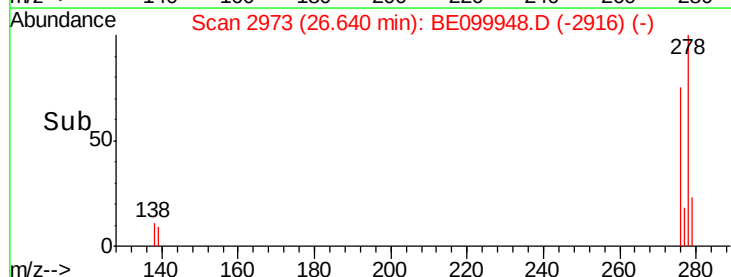
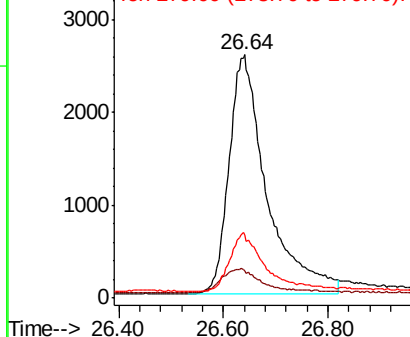
278 100

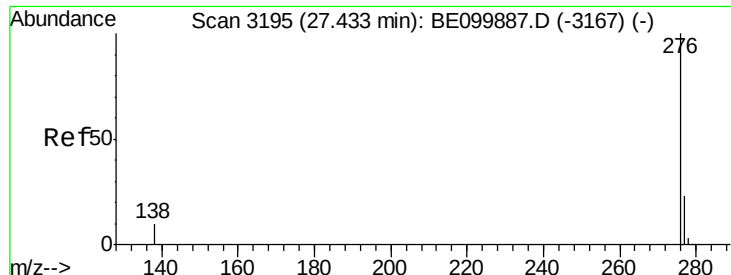
139 11.4 7.8 11.8

279 25.8 20.0 30.0



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





#39

Benzo(g,h,i)perylene

Concen: 0.377 ng

RT: 27.43 min Scan# 3195

Delta R.T. -0.00 min

Lab File: BE099948.D

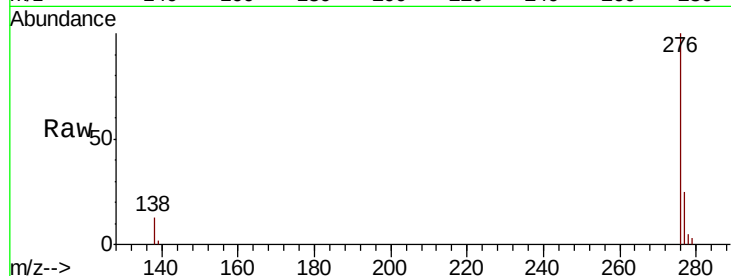
Acq: 12 Jun 2019 10:11

Instrument :

BNA_E

ClientSampleId :

PB120422BSD



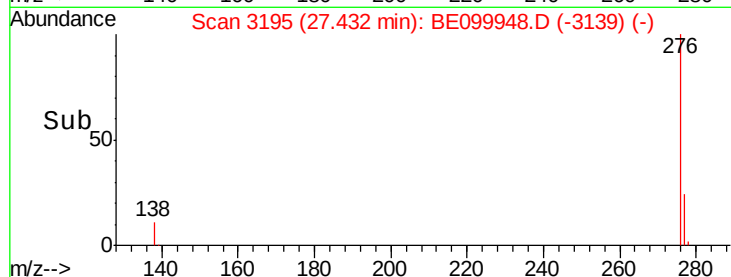
Tgt Ion:276 Resp: 14244

Ion Ratio Lower Upper

276 100

277 25.0 19.5 29.3

138 12.8 9.5 14.3



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

