

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100015.D
 Acq On : 14 Jun 2019 9:51
 Operator : JU/SJ
 Sample : PB120501BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120501BS

Quant Time: Jun 15 00:47:25 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	820	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2816	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2022	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6619	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9362	0.40	ng	0.00
34) Perylene-d12	23.93	264	10447	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	730	0.33	ng	0.00
5) Phenol-d6	6.96	99	871	0.31	ng	0.00
8) Nitrobenzene-d5	8.97	82	841	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2246	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	333	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	2535	0.33	ng	-0.01
25) Fluoranthene-d10	19.25	212	31642	0.33	ng	0.00
29) Terphenyl-d14	19.85	244	6431	0.38	ng	0.00

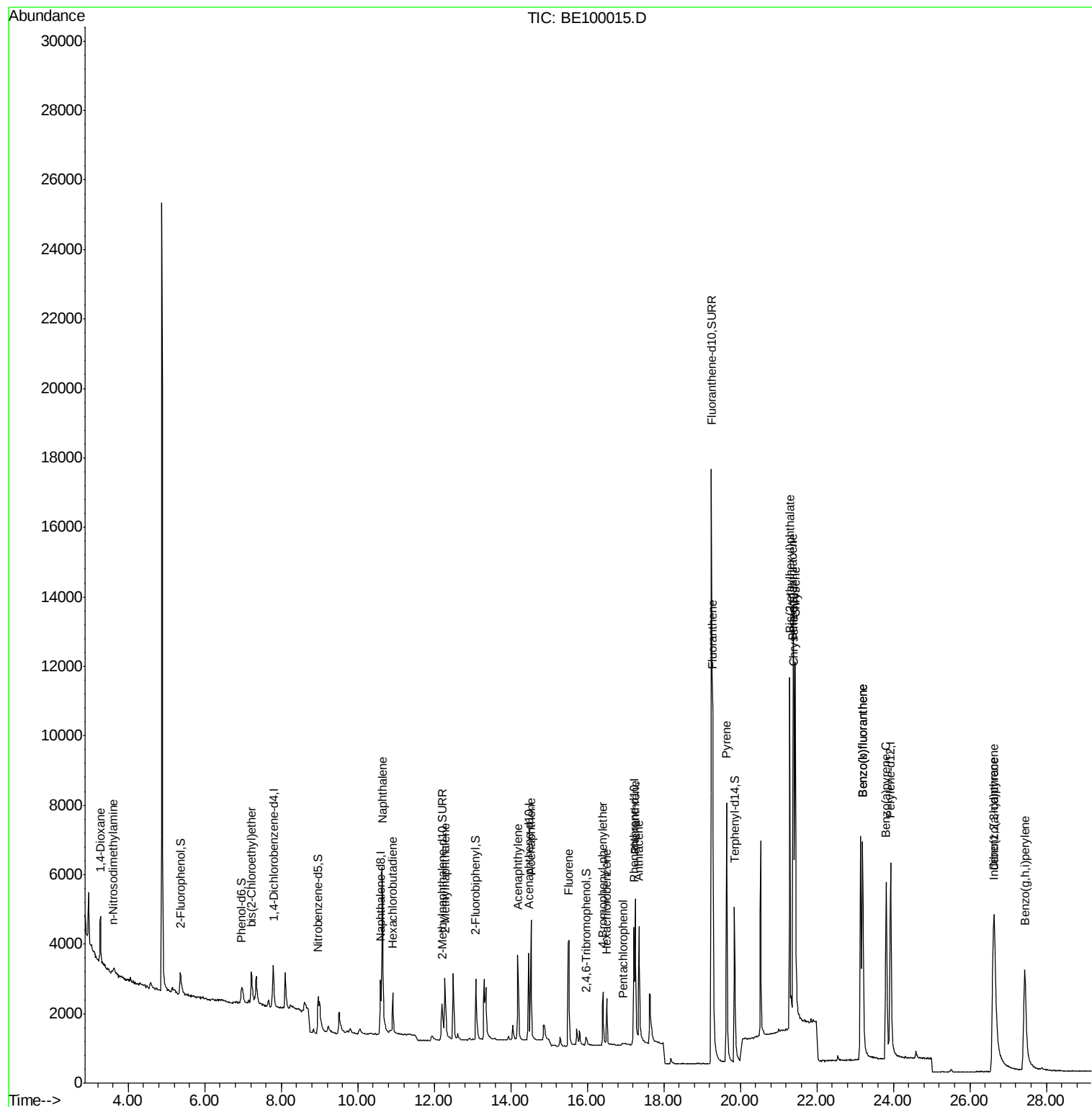
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	1120	0.923	ng	# 95
3) n-Nitrosodimethylamine	3.61	42	200	0.286	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	714	0.307	ng	# 96
9) Naphthalene	10.64	128	10572	0.348	ng	100
10) Hexachlorobutadiene	10.91	225	888	0.383	ng	100
12) 2-Methylnaphthalene	12.28	142	1736	0.352	ng	96
16) Acenaphthylene	14.18	152	3368	0.335	ng	98
17) Acenaphthene	14.53	154	1797	0.328	ng	97
18) Fluorene	15.52	166	2778	0.338	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1285	0.343	ng	98
21) Hexachlorobenzene	16.51	284	1325	0.346	ng	98
22) Pentachlorophenol	16.93	266	133	0.372	ng	89
23) Phenanthrene	17.26	178	5442	0.339	ng	99
24) Anthracene	17.35	178	4736	0.322	ng	98
26) Fluoranthene	19.28	202	9441	0.346	ng	99
28) Pyrene	19.64	202	9653	0.392	ng	100
30) Benzo(a)anthracene	21.38	228	10771	0.385	ng	100
31) Chrysene	21.44	228	11216	0.388	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	12075	0.301	ng	98
33) Indeno(1,2,3-cd)pyrene	26.61	276	12438	0.363	ng	98
35) Benzo(b)fluoranthene	23.20	252	12138	0.415	ng	99
36) Benzo(k)fluoranthene	23.20	252	12269	0.401	ng	99
37) Benzo(a)pyrene	23.81	252	11138	0.386	ng	# 97
38) Dibenzo(a,h)anthracene	26.64	278	9652	0.332	ng	# 95
39) Benzo(g,h,i)perylene	27.44	276	11035	0.368	ng	99

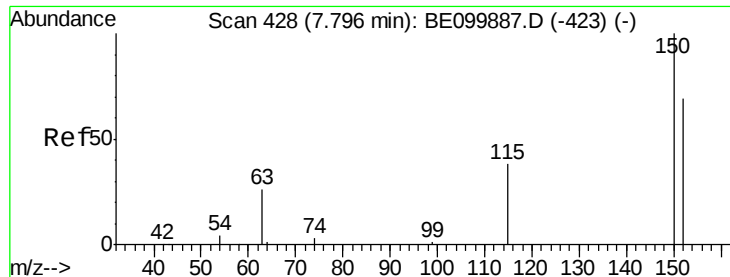
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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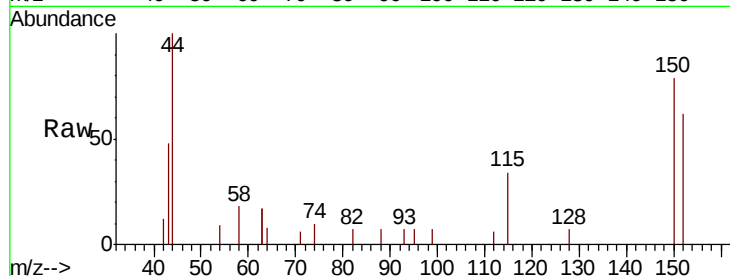


#1

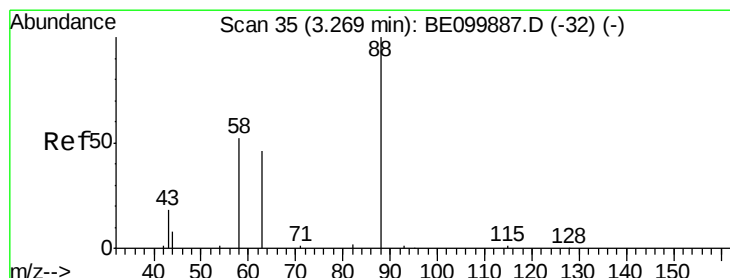
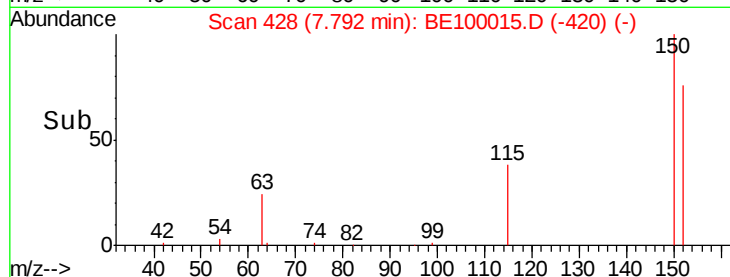
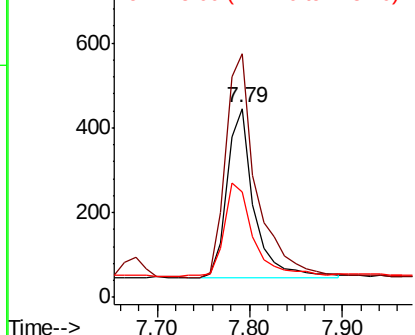
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100015.D
Acq: 14 Jun 2019 9:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion: 152 Resp: 820
Ion Ratio Lower Upper
152 100
150 128.7 111.0 166.6
115 55.6 50.7 76.1



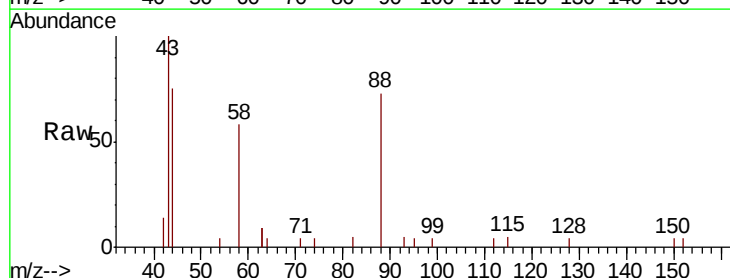
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



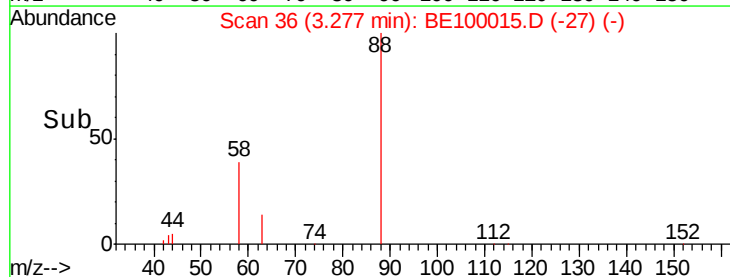
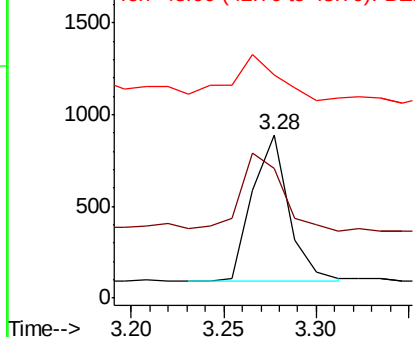
#2

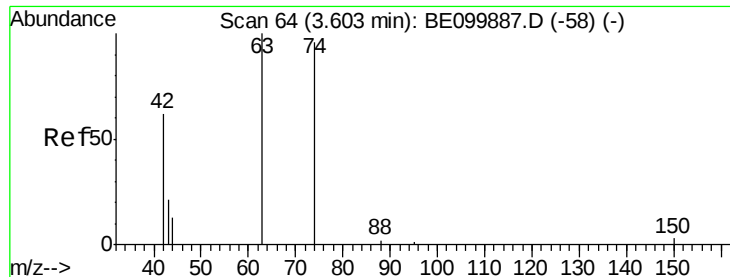
1,4-Dioxane
Concen: 0.923 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE100015.D
Acq: 14 Jun 2019 9:51

Tgt Ion: 88 Resp: 1120
Ion Ratio Lower Upper
88 100
58 60.7 48.8 73.2
43 32.5 19.0 28.6#



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





#3

n-Nitrosodimethylamine

Concen: 0.286 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

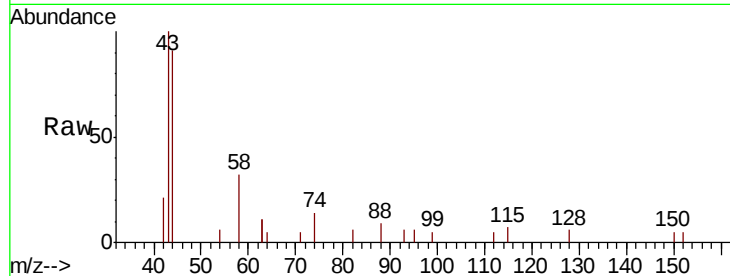
Tgt Ion: 42 Resp: 200

Ion Ratio Lower Upper

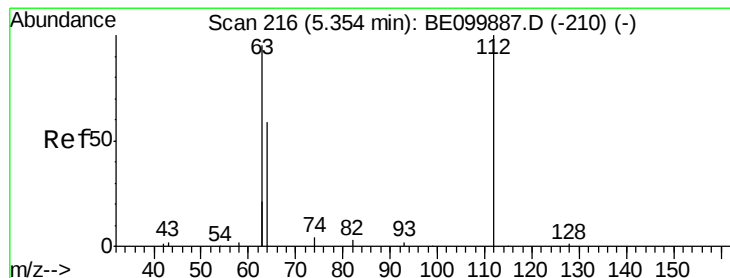
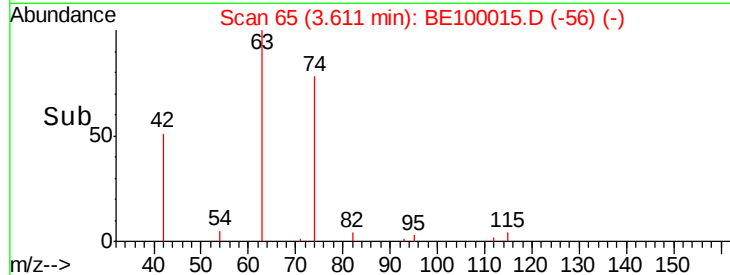
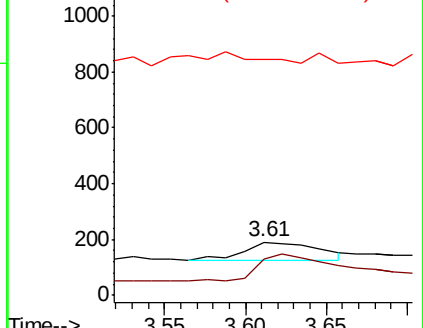
42 100

74 139.5 0.0 0.0#

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: 0.330 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

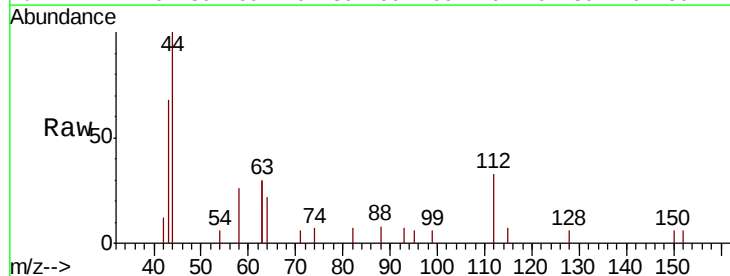
Tgt Ion: 112 Resp: 730

Ion Ratio Lower Upper

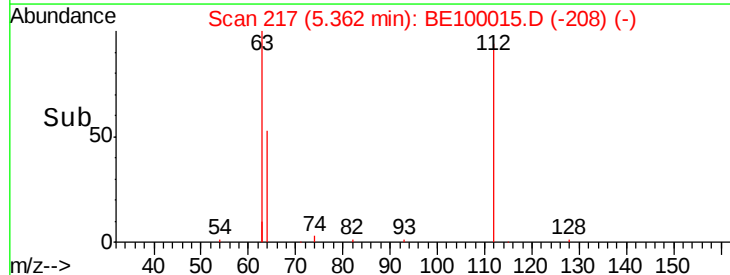
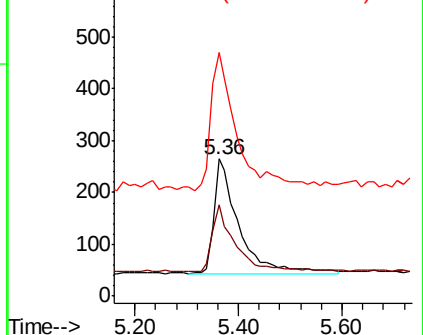
112 100

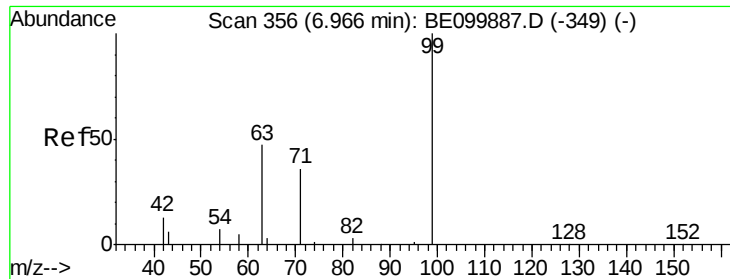
64 55.6 44.1 66.1

63 112.1 87.8 131.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.306 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

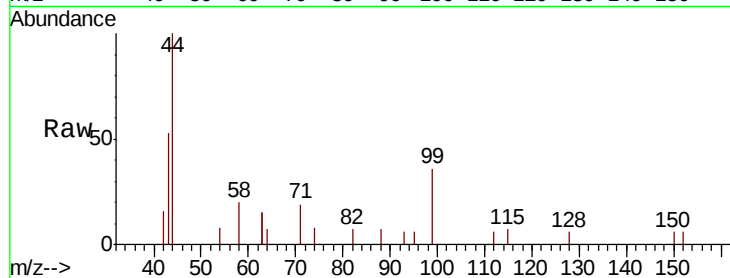
Tgt Ion: 99 Resp: 871

Ion Ratio Lower Upper

99 100

42 17.8 15.9 23.9

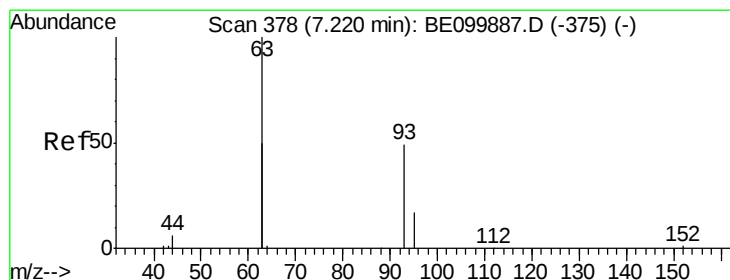
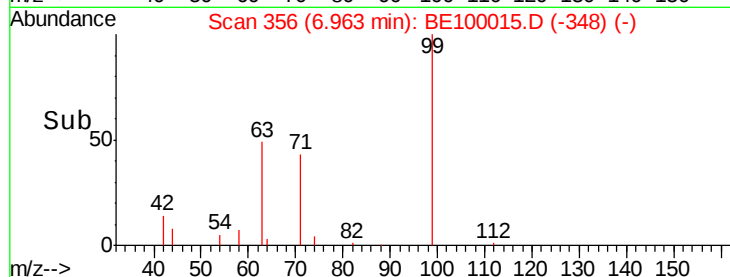
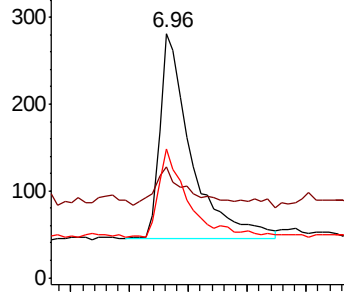
71 40.1 34.6 52.0



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: 0.307 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

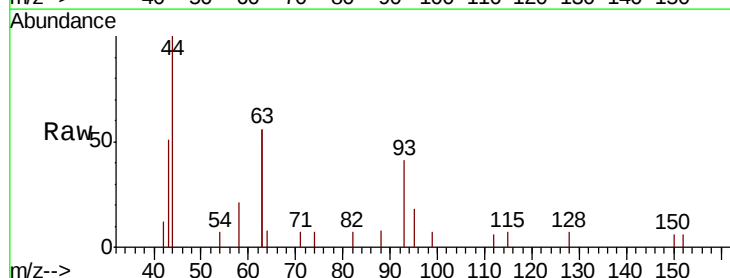
Tgt Ion: 93 Resp: 714

Ion Ratio Lower Upper

93 100

63 249.3 202.8 304.2

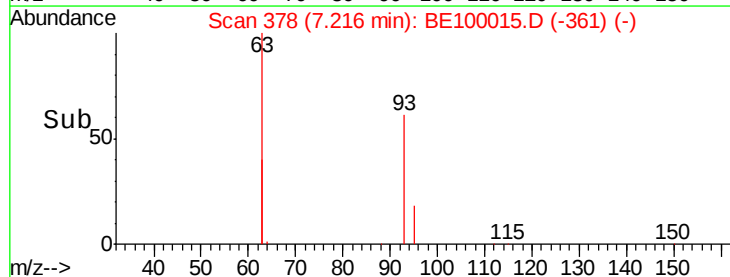
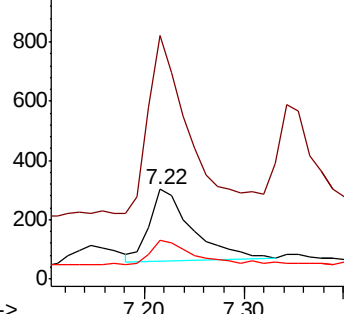
95 37.1 23.7 35.5#

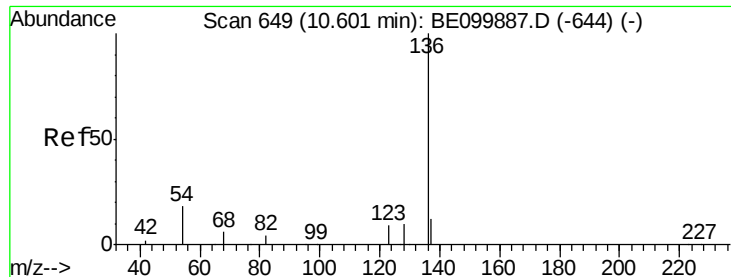


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.60 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

Tgt Ion: 136 Resp: 2816

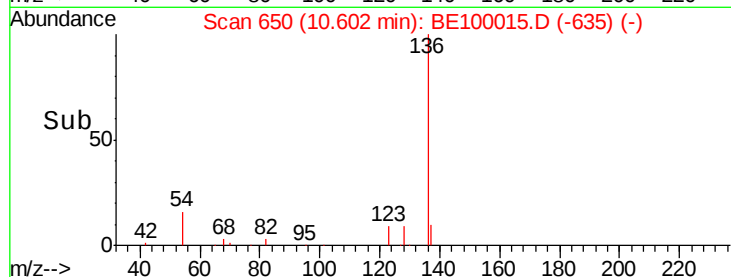
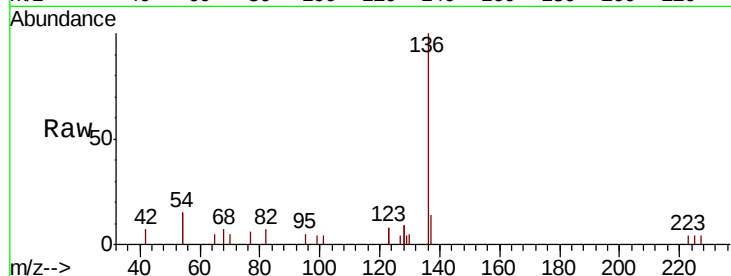
Ion Ratio Lower Upper

136 100

137 13.7 12.3 18.5

54 31.0 28.2 42.4

68 7.3 7.8 11.8#

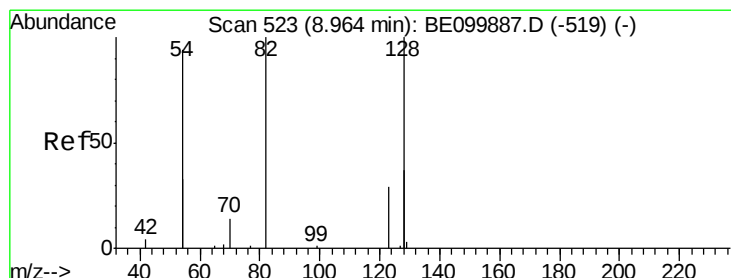
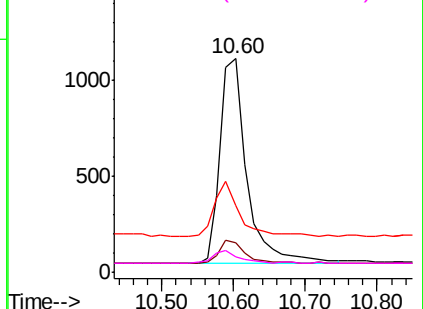


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.315 ng

RT: 8.97 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

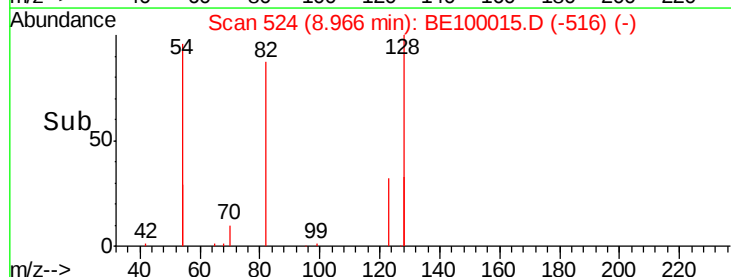
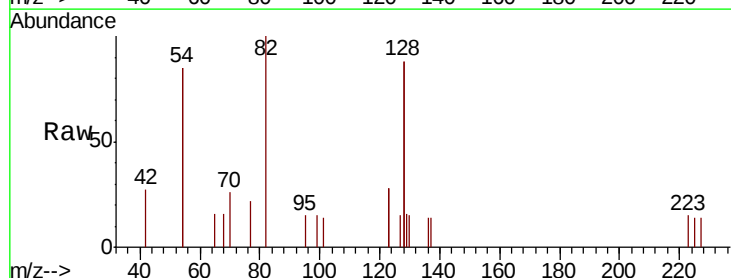
Tgt Ion: 82 Resp: 841

Ion Ratio Lower Upper

82 100

128 176.5 137.3 205.9

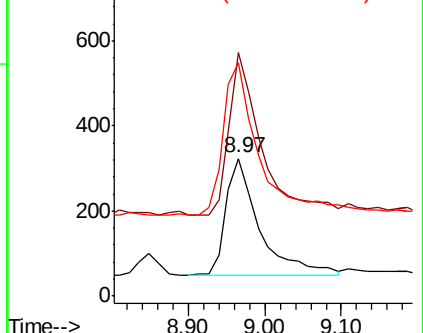
54 169.1 129.7 194.5

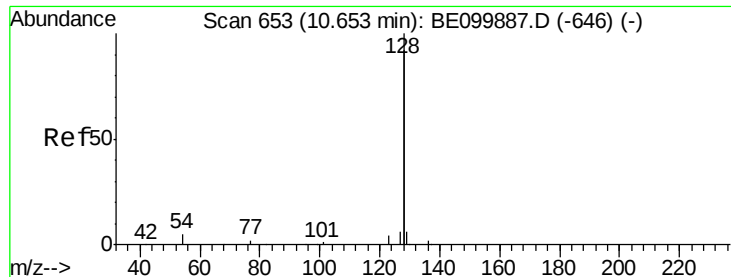


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.348 ng

RT: 10.64 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

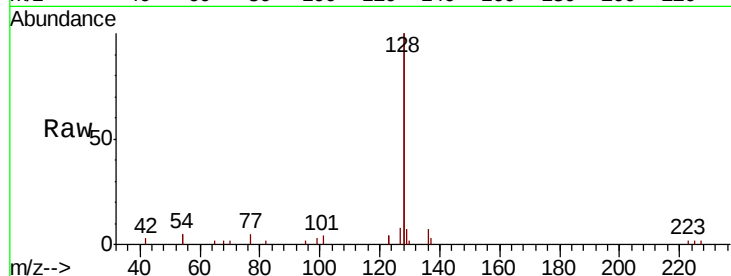
Tgt Ion:128 Resp: 10572

Ion Ratio Lower Upper

128 100

129 3.6 3.0 4.6

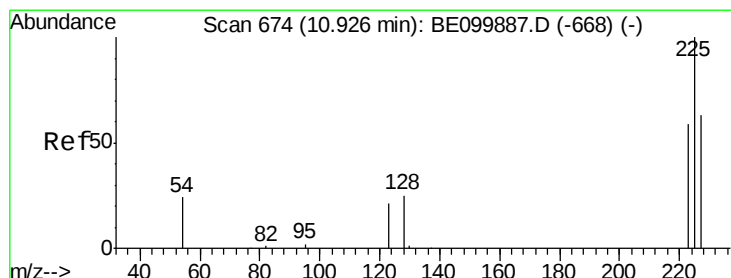
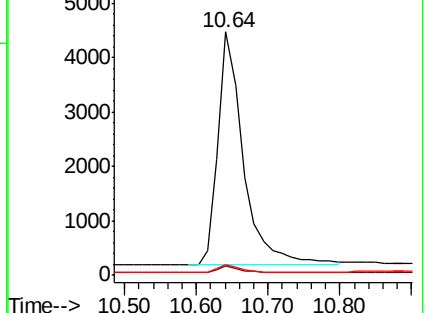
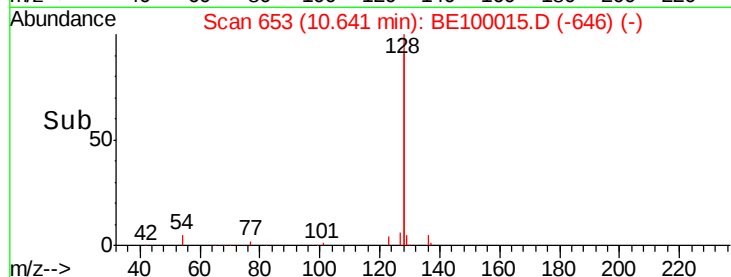
127 4.2 3.4 5.0



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: 0.383 ng

RT: 10.91 min Scan# 674

Delta R.T. -0.01 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

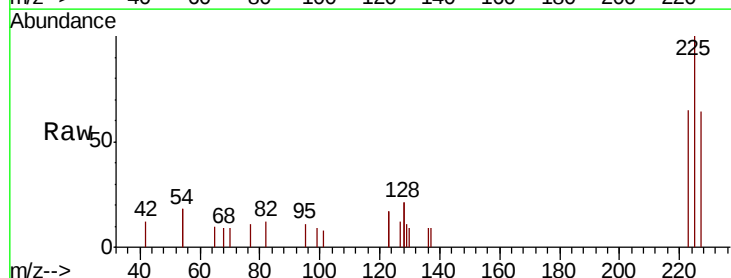
Tgt Ion:225 Resp: 888

Ion Ratio Lower Upper

225 100

223 64.3 51.6 77.4

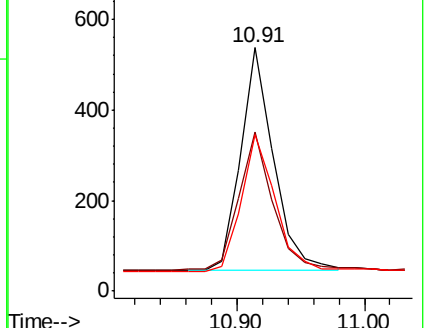
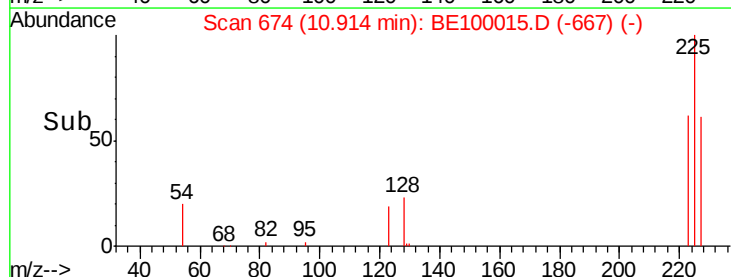
227 63.2 50.6 76.0

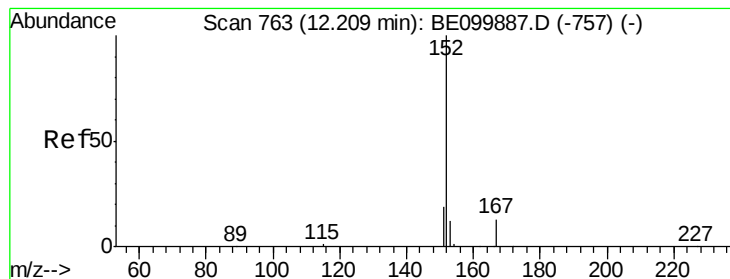


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.457 ng

RT: 12.21 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

Instrument :

BNA_E

ClientSampleId :

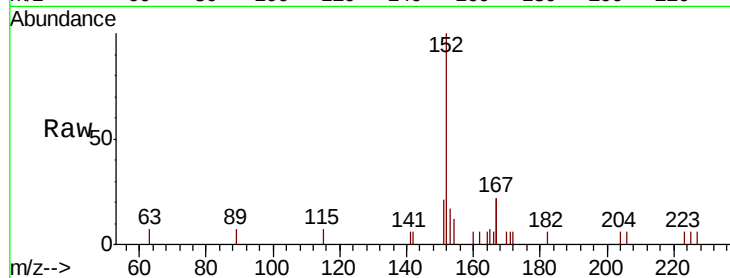
PB120501BS

Tgt Ion:152 Resp: 2246

Ion Ratio Lower Upper

152 100

151 14.6 15.2 22.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

800

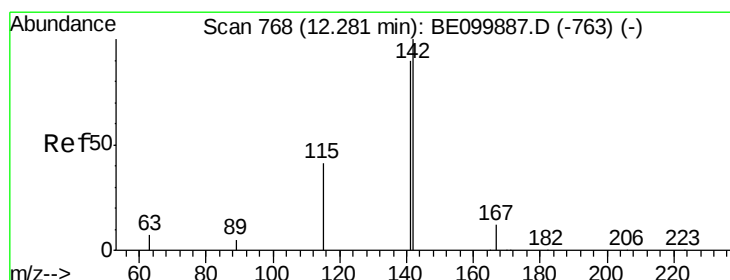
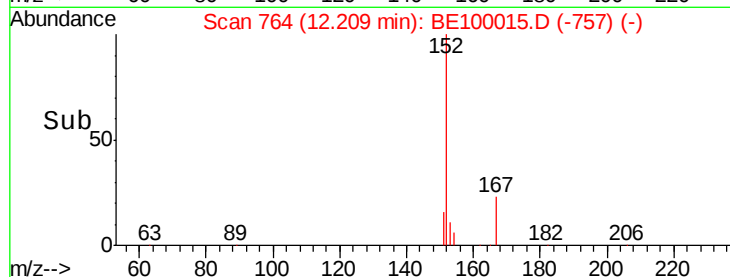
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.352 ng

RT: 12.28 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

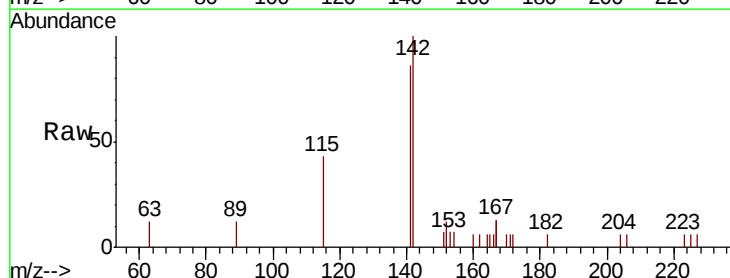
Tgt Ion:142 Resp: 1736

Ion Ratio Lower Upper

142 100

141 86.2 72.3 108.5

115 42.9 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

12.28

1000

800

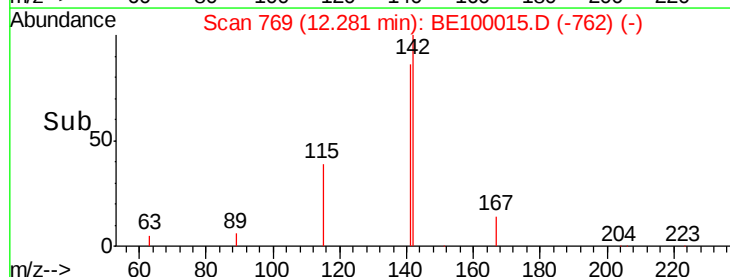
600

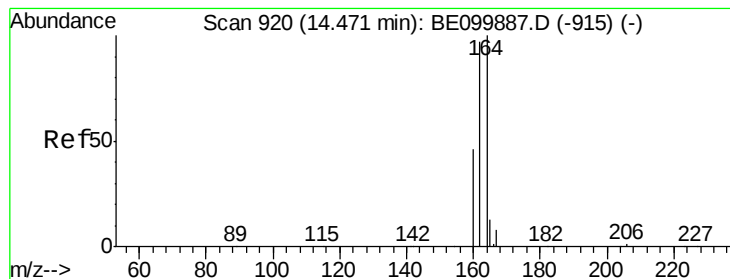
400

200

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

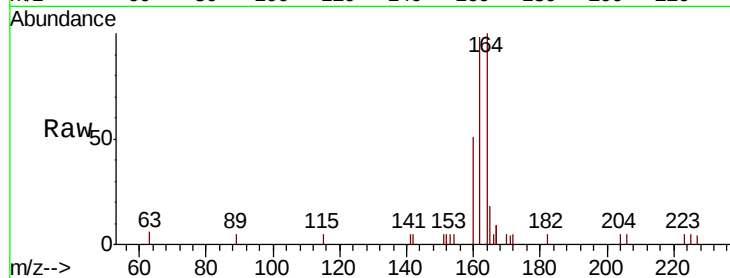
Tgt Ion:164 Resp: 2022

Ion Ratio Lower Upper

164 100

162 97.8 77.8 116.8

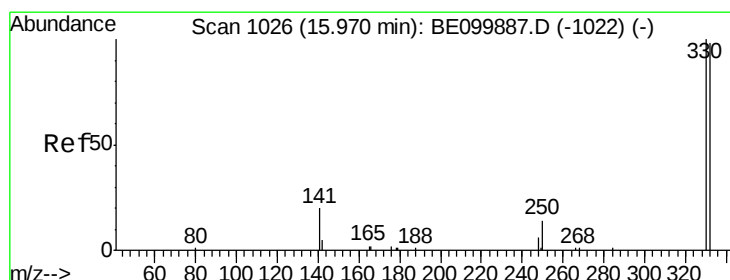
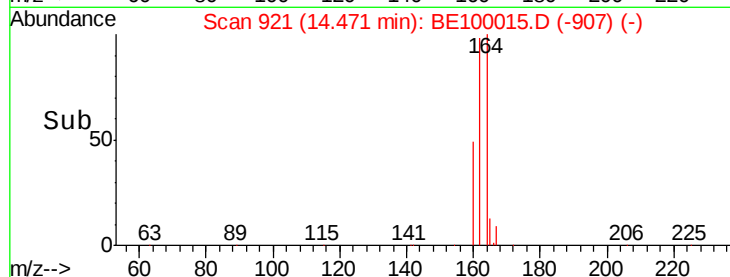
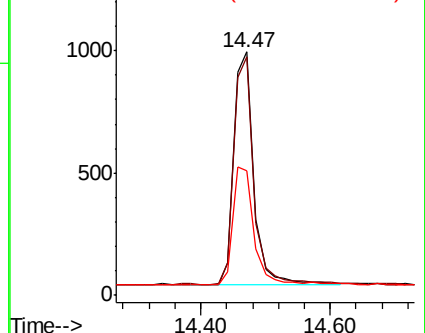
160 51.4 38.2 57.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.223 ng

RT: 15.97 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

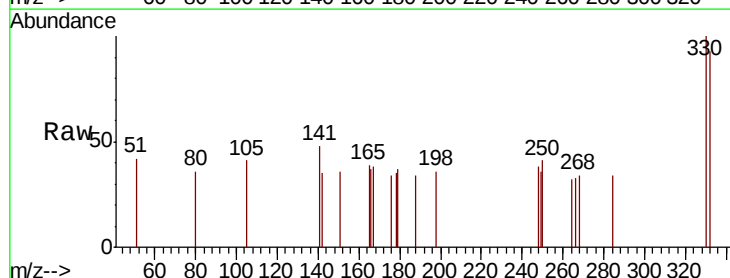
Tgt Ion:330 Resp: 333

Ion Ratio Lower Upper

330 100

332 81.4 76.7 115.1

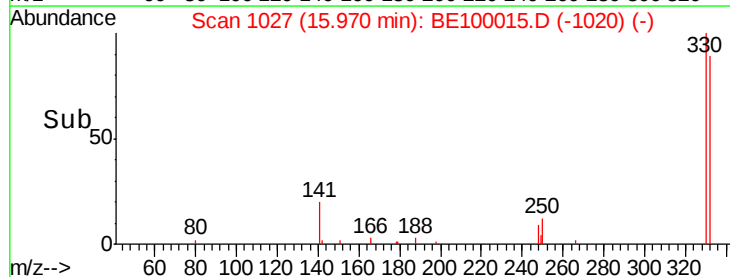
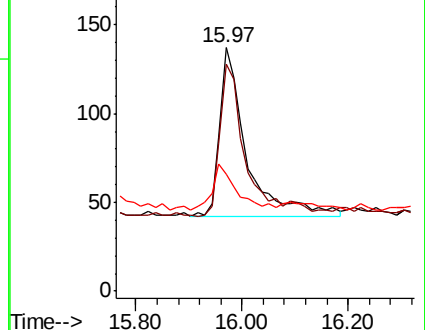
141 23.4 21.0 31.6

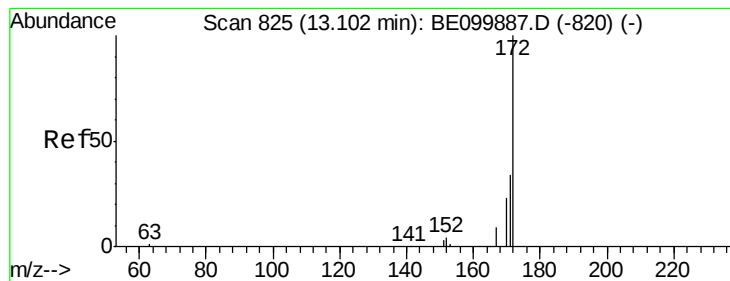


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.331 ng

RT: 13.09 min Scan# 825

Delta R.T. -0.01 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

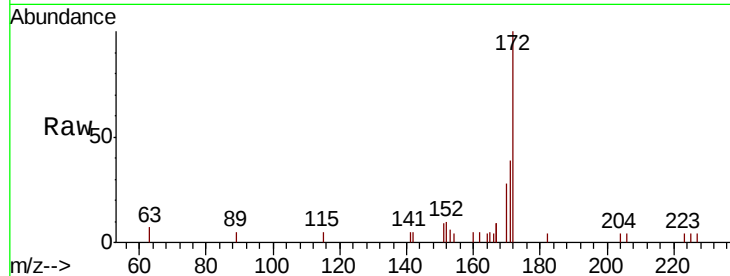
Tgt Ion:172 Resp: 2535

Ion Ratio Lower Upper

172 100

171 39.4 29.2 43.8

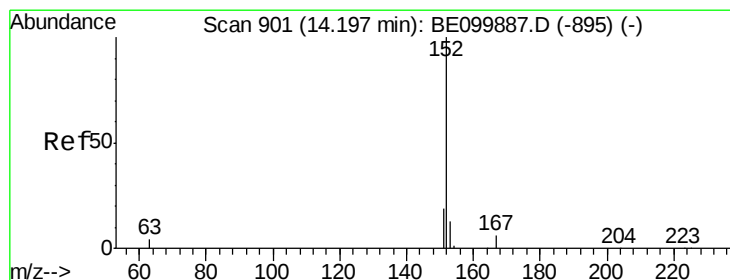
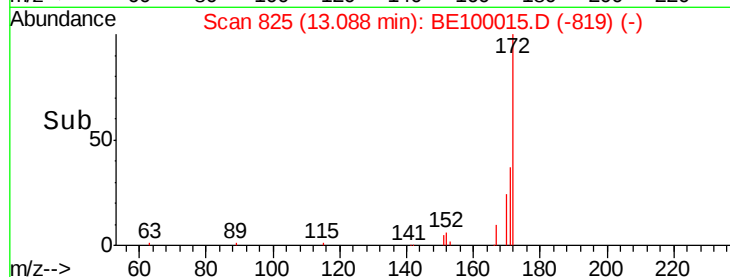
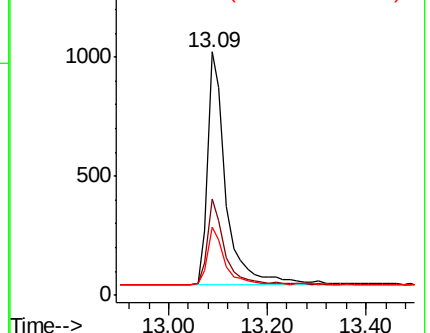
170 28.0 21.2 31.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.335 ng

RT: 14.18 min Scan# 901

Delta R.T. -0.01 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

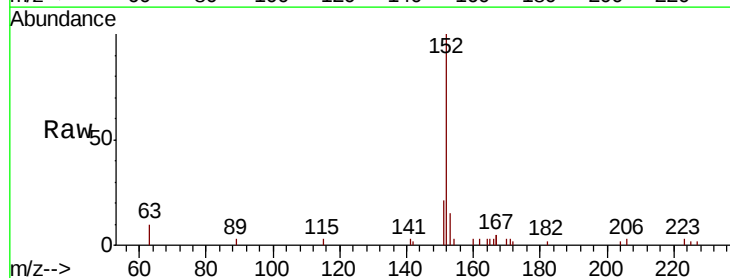
Tgt Ion:152 Resp: 3368

Ion Ratio Lower Upper

152 100

151 18.7 15.5 23.3

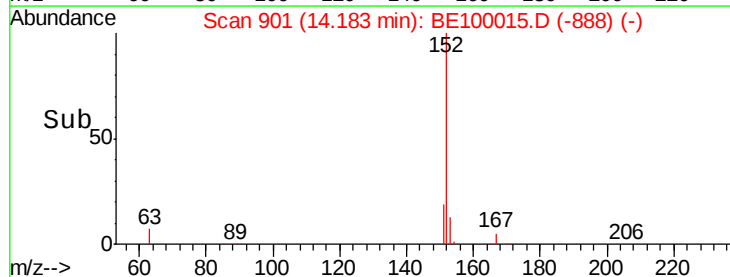
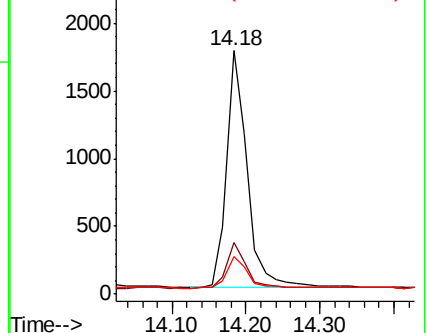
153 13.5 10.2 15.2

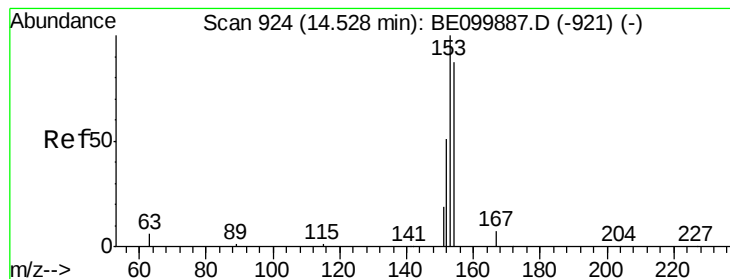


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.328 ng

RT: 14.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

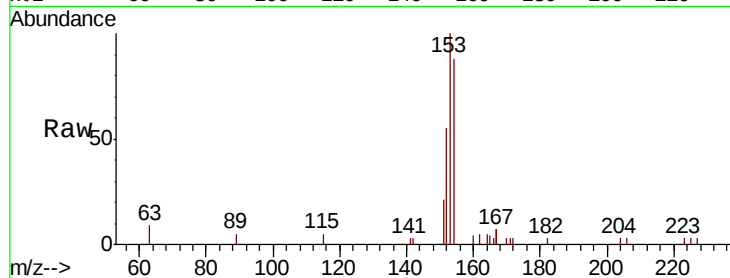
Tgt Ion:154 Resp: 1797

Ion Ratio Lower Upper

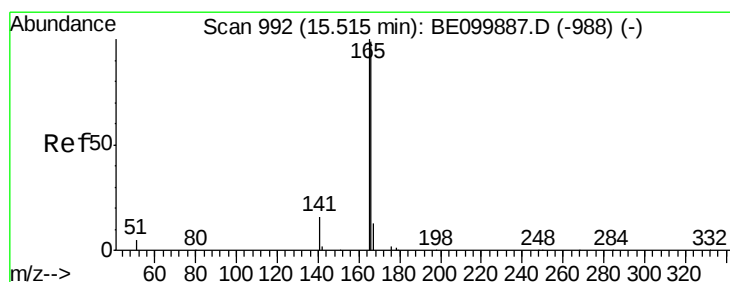
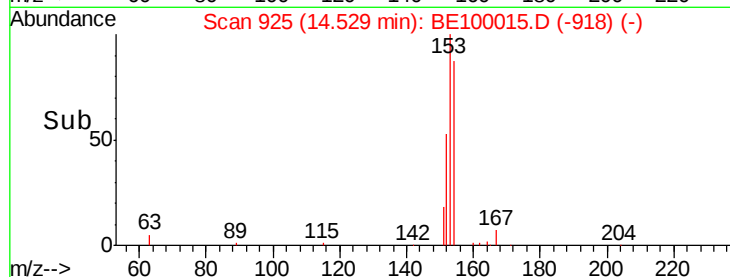
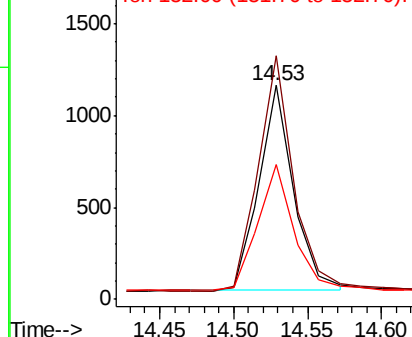
154 100

153 117.6 93.1 139.7

152 64.2 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: 0.338 ng

RT: 15.52 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

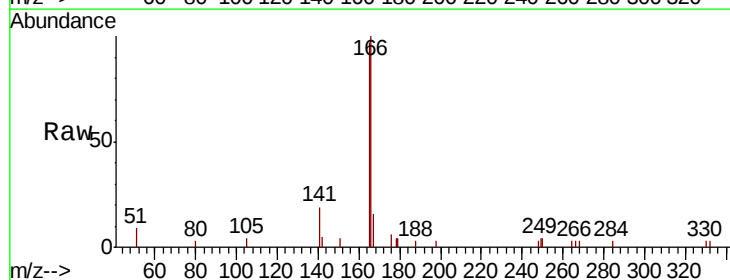
Tgt Ion:166 Resp: 2778

Ion Ratio Lower Upper

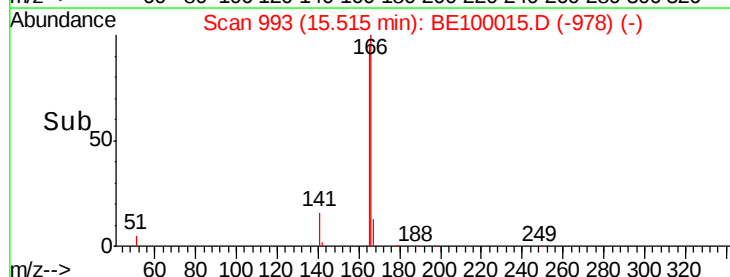
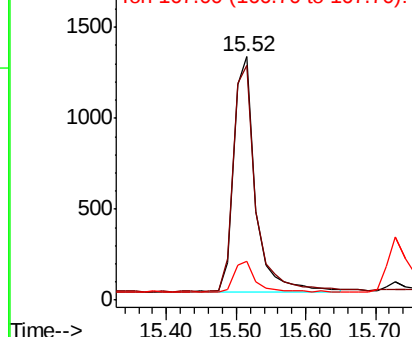
166 100

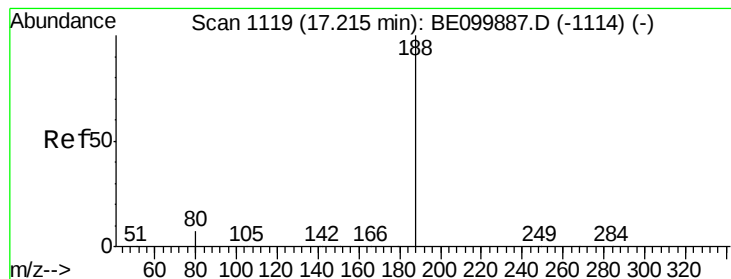
165 101.7 81.8 122.8

167 13.4 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# 1120

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

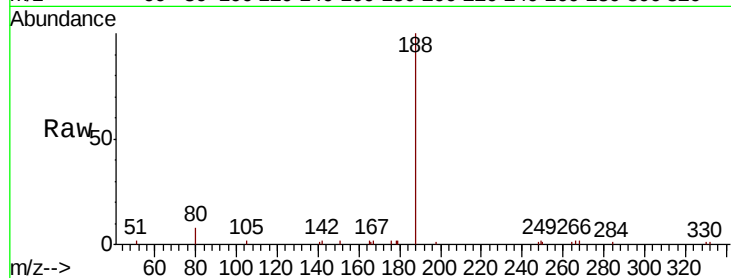
Tgt Ion:188 Resp: 6619

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

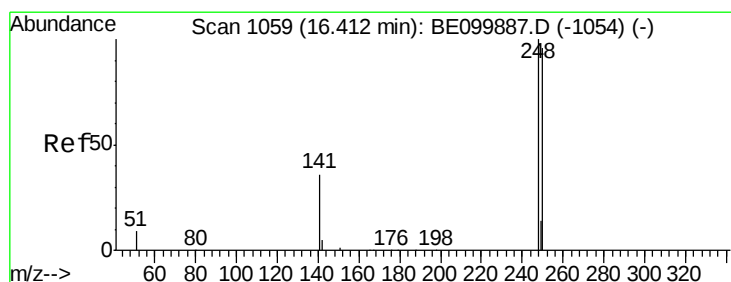
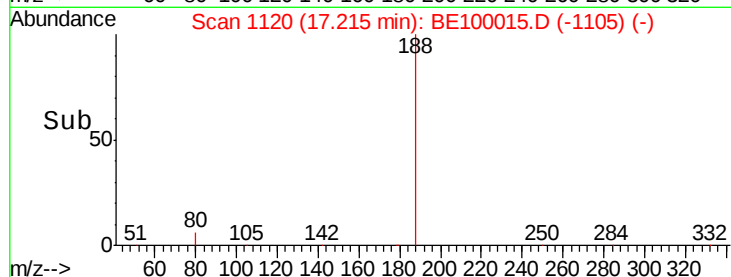
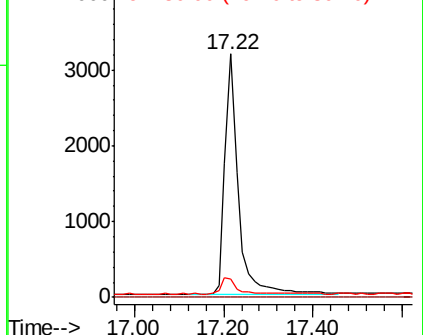
80 7.7 6.4 9.6



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: 0.343 ng

RT: 16.41 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

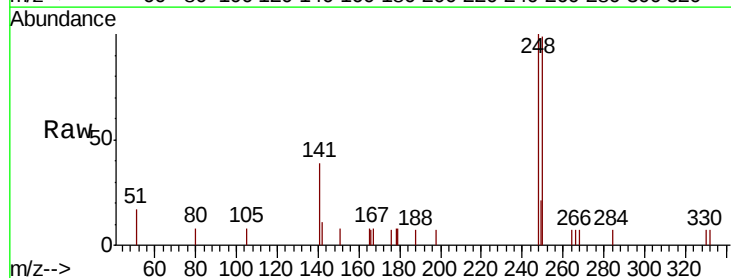
Tgt Ion:248 Resp: 1285

Ion Ratio Lower Upper

248 100

250 99.4 77.5 116.3

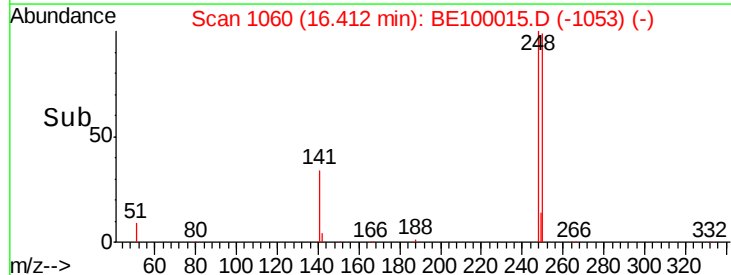
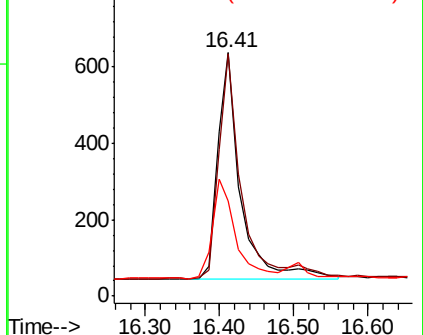
141 38.9 31.8 47.8

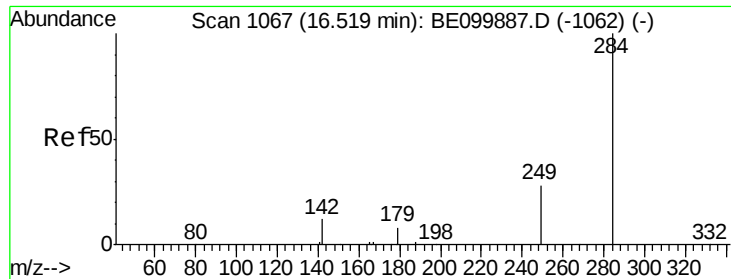


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.346 ng

RT: 16.51 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

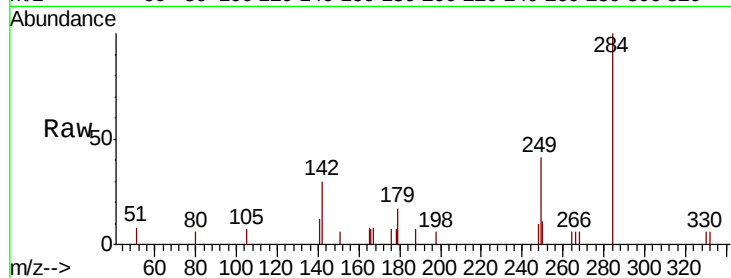
Tgt Ion:284 Resp: 1325

Ion Ratio Lower Upper

284 100

142 23.6 18.2 27.4

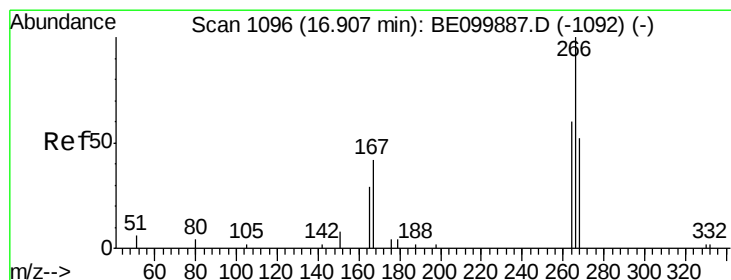
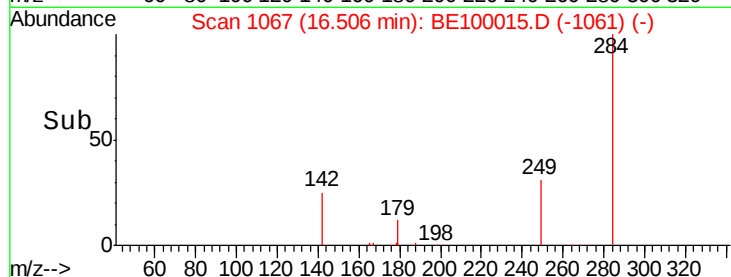
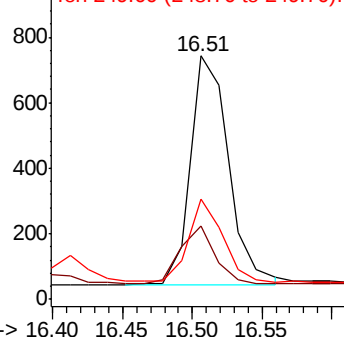
249 32.2 24.6 37.0



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: 0.372 ng

RT: 16.93 min Scan# 1099

Delta R.T. 0.03 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

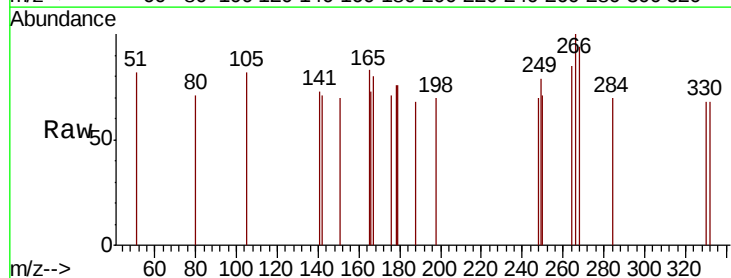
Tgt Ion:266 Resp: 133

Ion Ratio Lower Upper

266 100

264 84.8 62.2 93.2

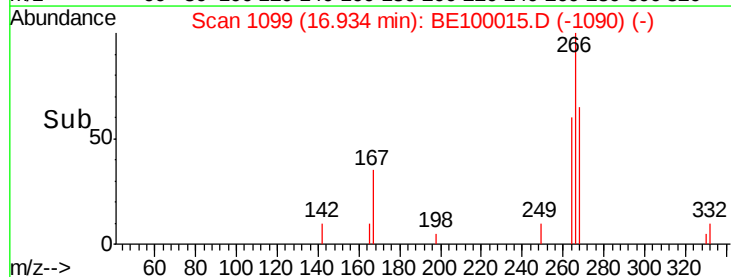
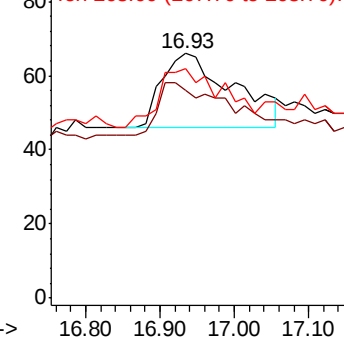
268 93.9 65.5 98.3

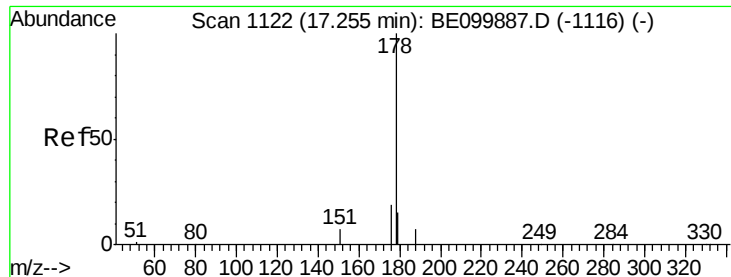


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.339 ng

RT: 17.26 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

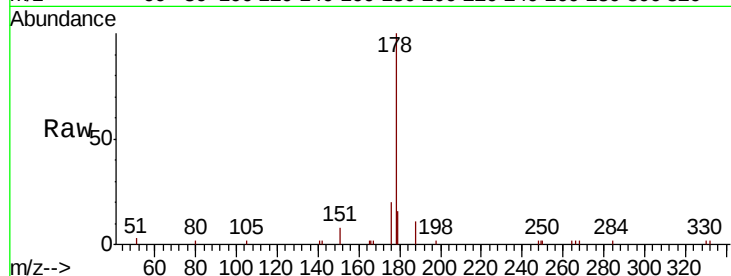
Tgt Ion:178 Resp: 5442

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

179 15.9 12.4 18.6

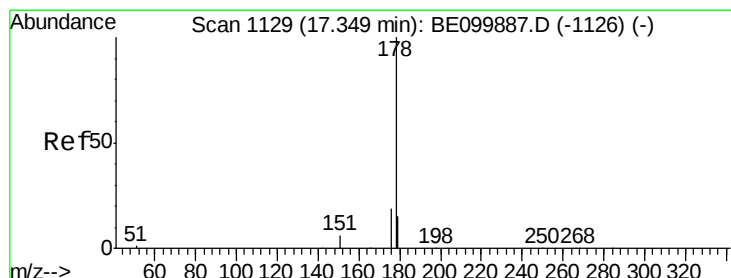
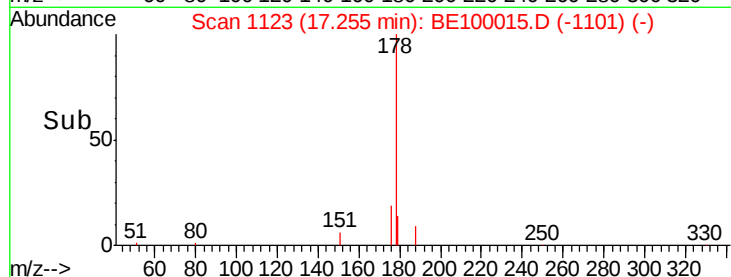
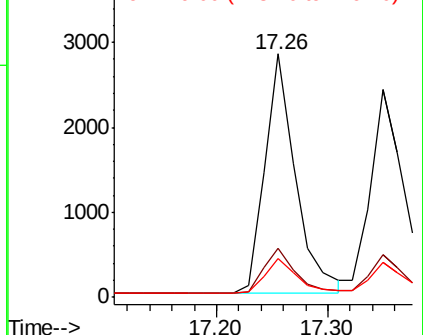


Abundance

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: 0.322 ng

RT: 17.35 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

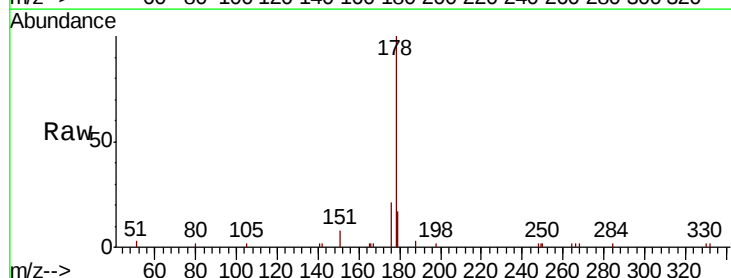
Tgt Ion:178 Resp: 4736

Ion Ratio Lower Upper

178 100

176 19.2 14.6 22.0

179 14.4 12.3 18.5

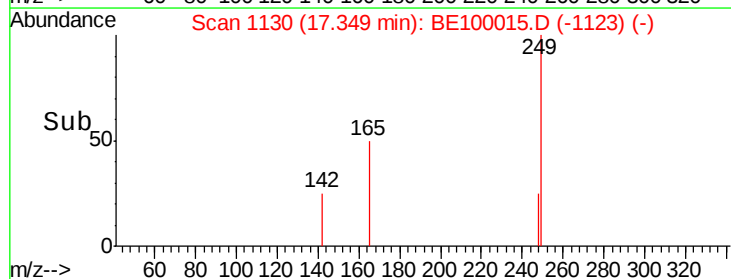
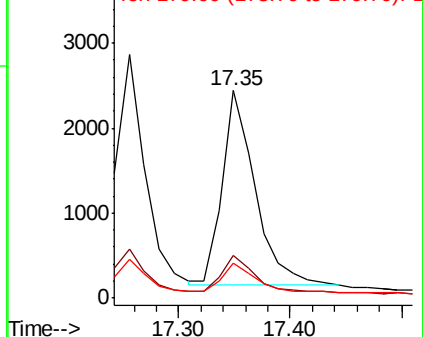


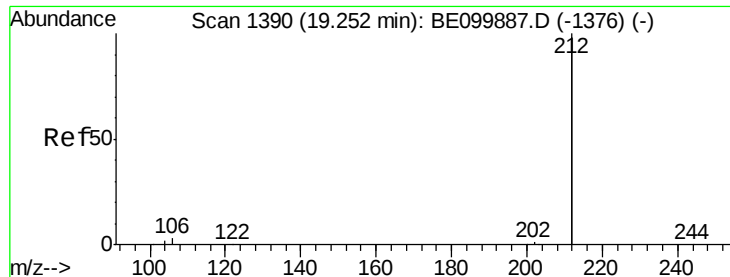
Abundance

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

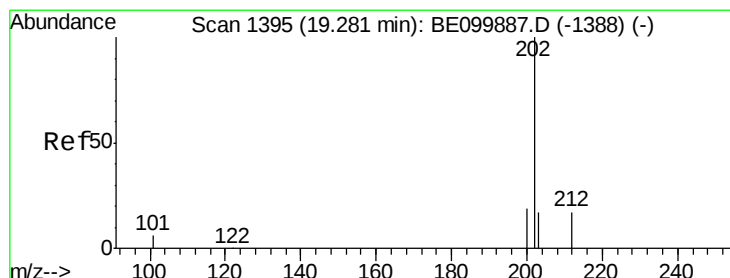
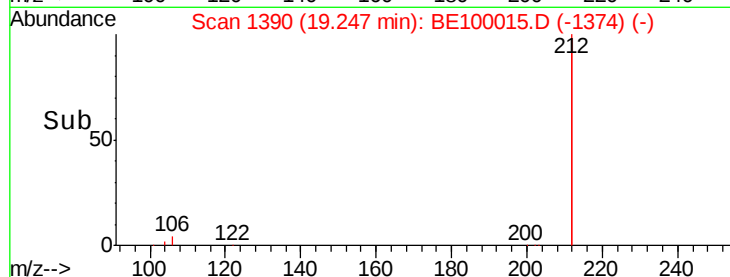
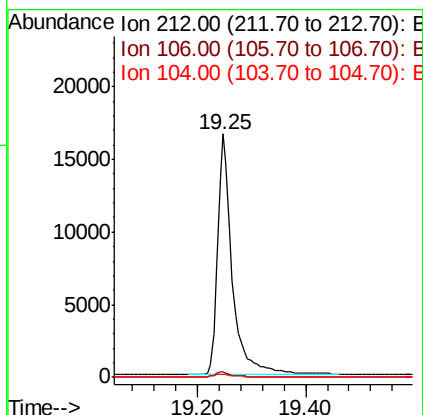
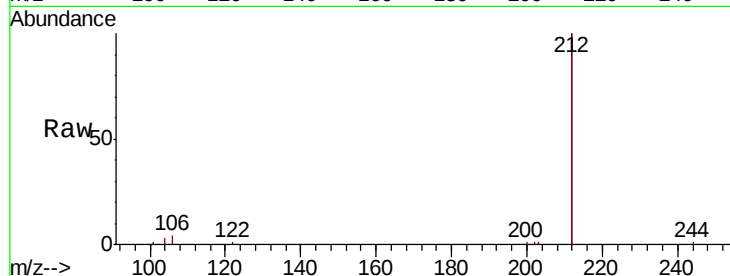




#25
 Fluoranthene-d10
 Concen: 0.328 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BE100015.D
 Acq: 14 Jun 2019 9:51

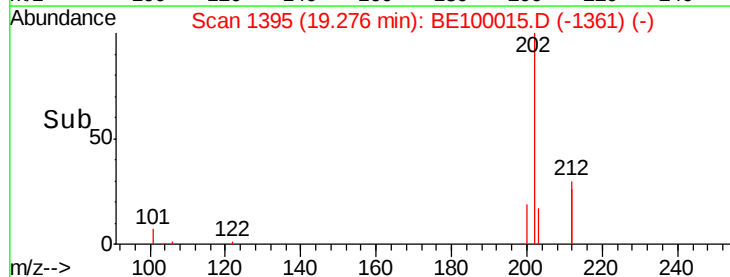
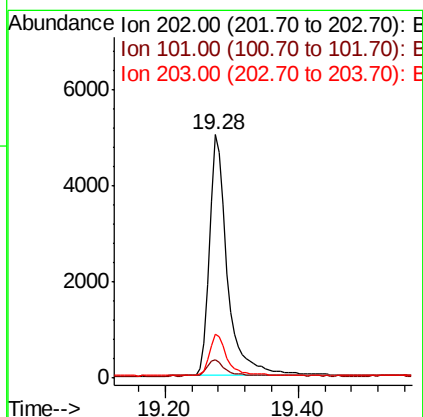
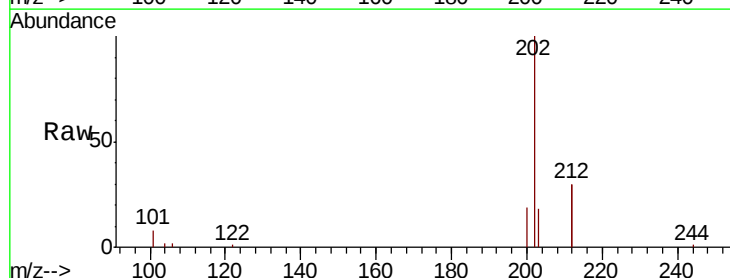
Instrument :
 BNA_E
 ClientSampleId :
 PB120501BS

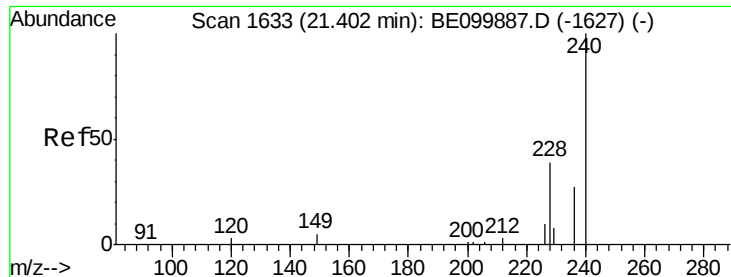
Tgt Ion: 212 Resp: 31642
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.4 2.2
 104 1.1 0.9 1.3



#26
 Fluoranthene
 Concen: 0.346 ng
 RT: 19.28 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BE100015.D
 Acq: 14 Jun 2019 9:51

Tgt Ion: 202 Resp: 9441
 Ion Ratio Lower Upper
 202 100
 101 6.7 5.4 8.0
 203 17.1 13.2 19.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

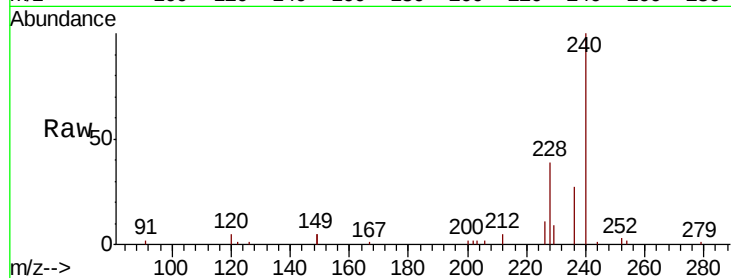
Tgt Ion:240 Resp: 9362

Ion Ratio Lower Upper

240 100

120 4.9 3.8 5.6

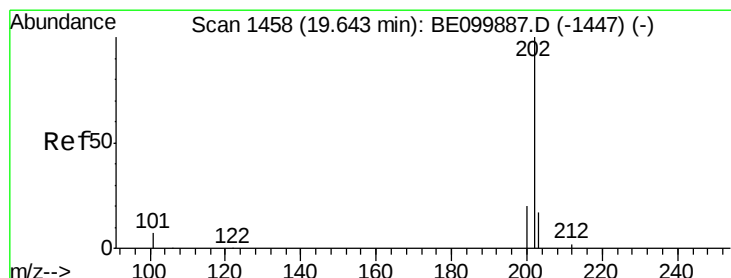
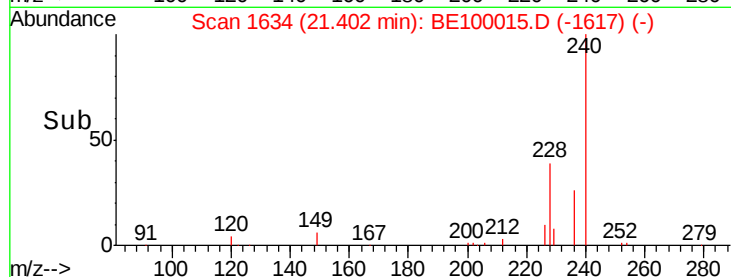
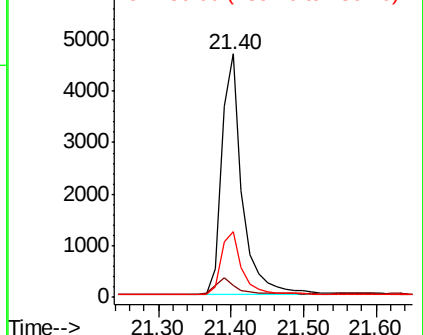
236 27.1 22.0 33.0



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: 0.392 ng

RT: 19.64 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

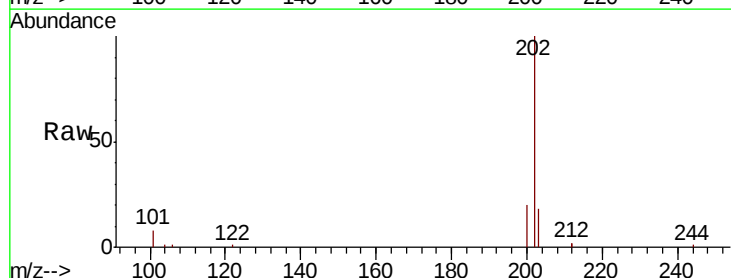
Tgt Ion:202 Resp: 9653

Ion Ratio Lower Upper

202 100

200 19.5 15.5 23.3

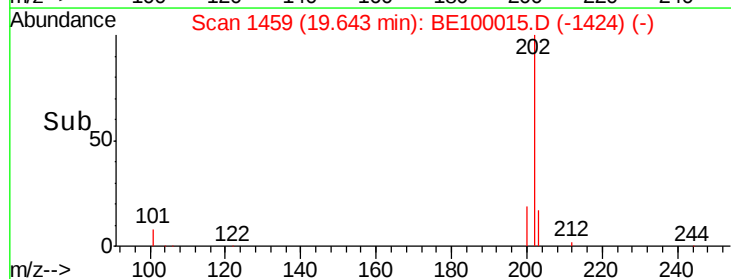
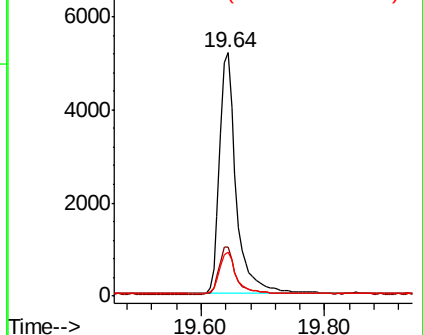
203 17.6 14.0 21.0

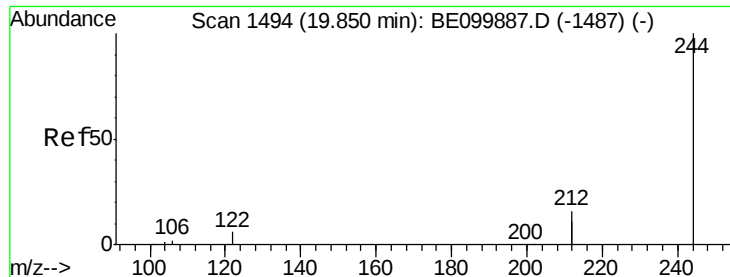


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.382 ng

RT: 19.85 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

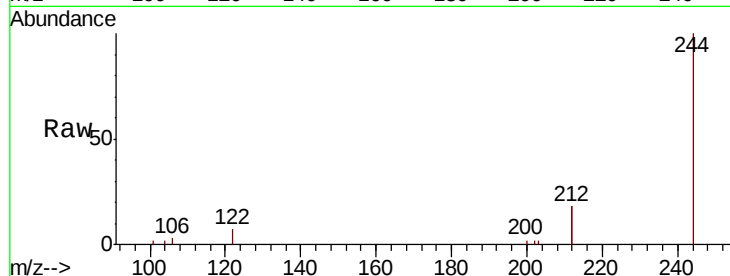
Tgt Ion:244 Resp: 6431

Ion Ratio Lower Upper

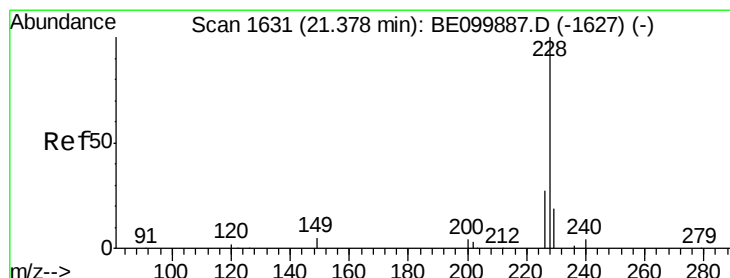
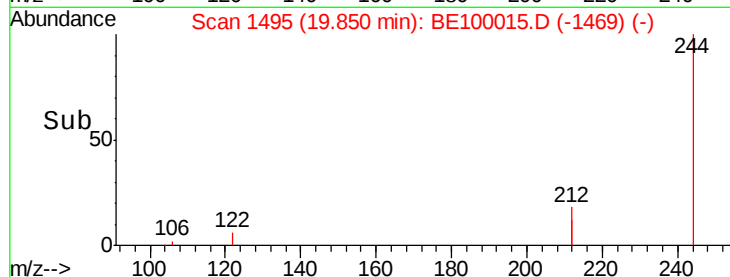
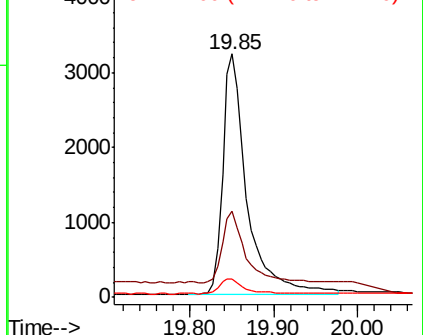
244 100

212 35.4 25.7 38.5

122 7.3 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: 0.385 ng

RT: 21.38 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

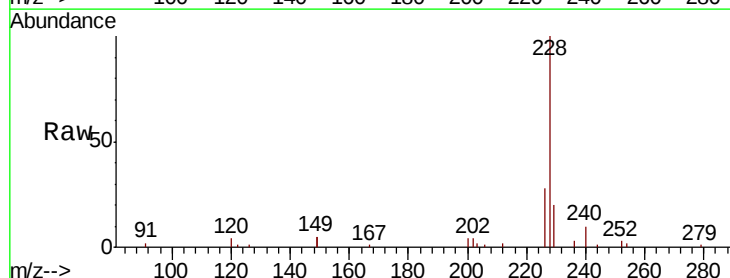
Tgt Ion:228 Resp: 10771

Ion Ratio Lower Upper

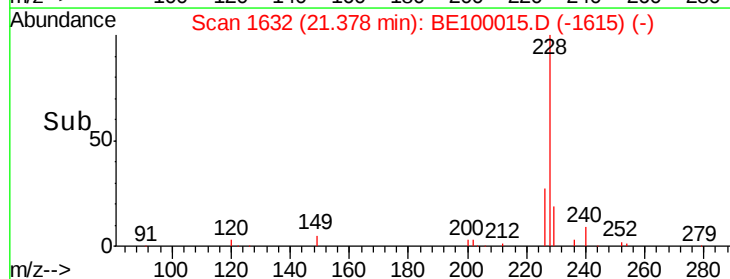
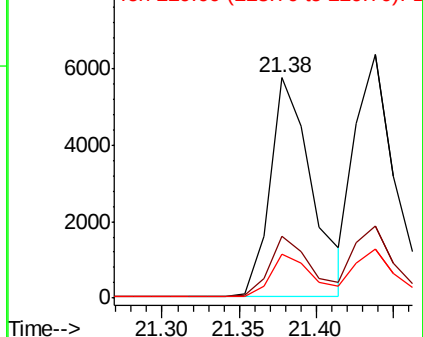
228 100

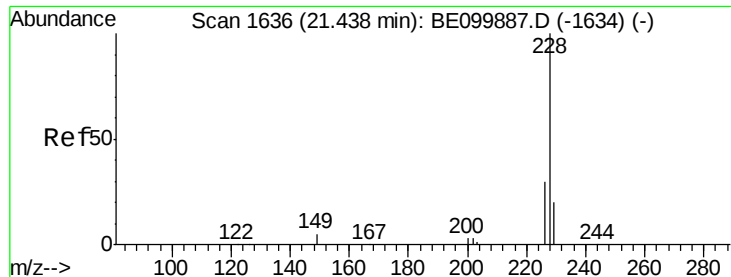
226 27.8 22.5 33.7

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: 0.388 ng

RT: 21.44 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

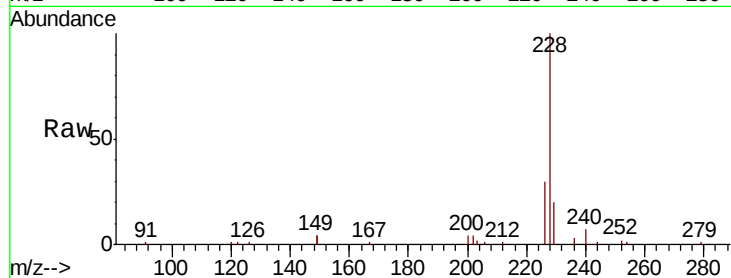
Tgt Ion: 228 Resp: 11216

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 20.2 16.1 24.1

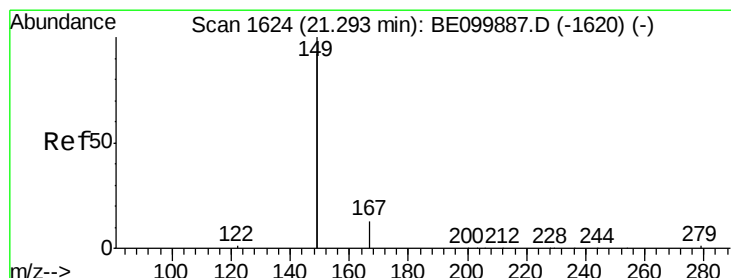
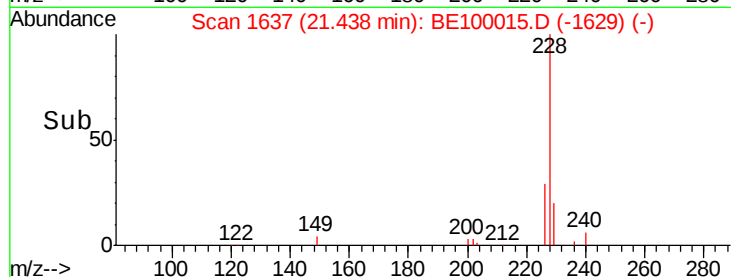
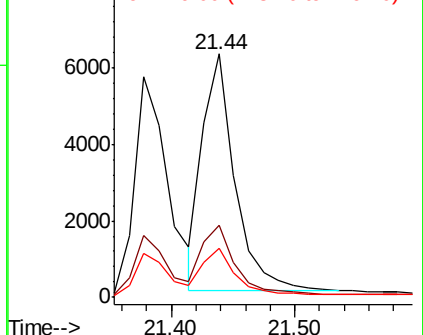


Abundance

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: 0.301 ng

RT: 21.29 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

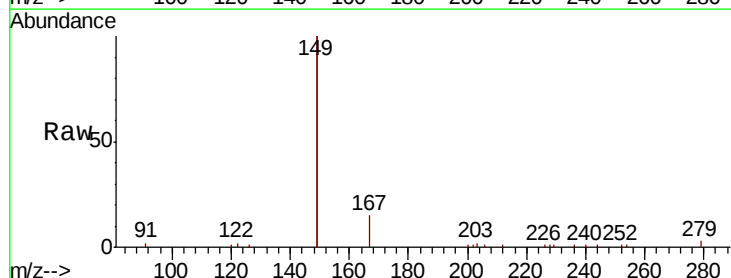
Tgt Ion: 149 Resp: 12075

Ion Ratio Lower Upper

149 100

167 6.8 5.9 8.9

279 1.4 1.2 1.8

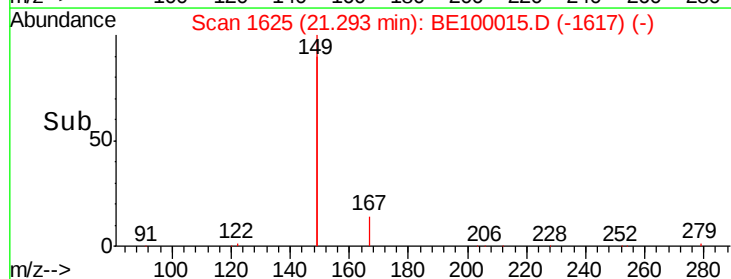
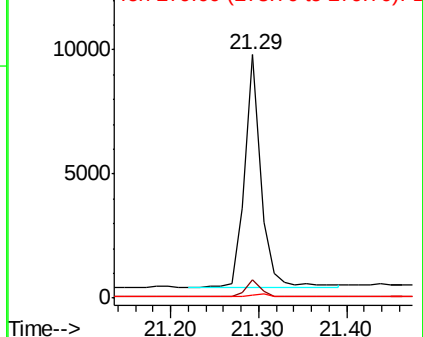


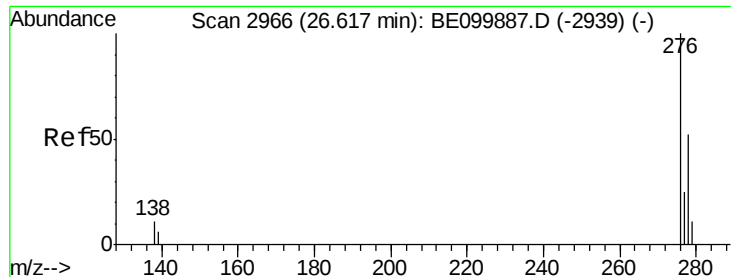
Abundance

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: 0.363 ng

RT: 26.61 min Scan# 2965

Delta R.T. -0.01 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

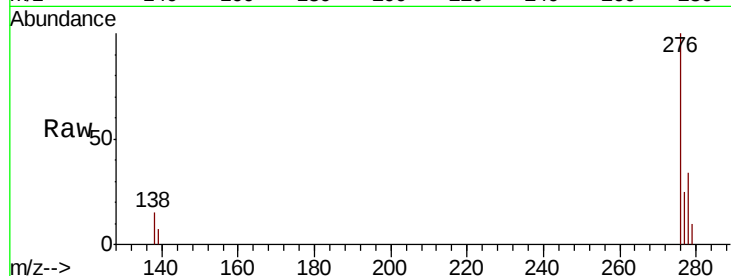
Tgt Ion:276 Resp: 12438

Ion Ratio Lower Upper

276 100

138 13.2 10.1 15.1

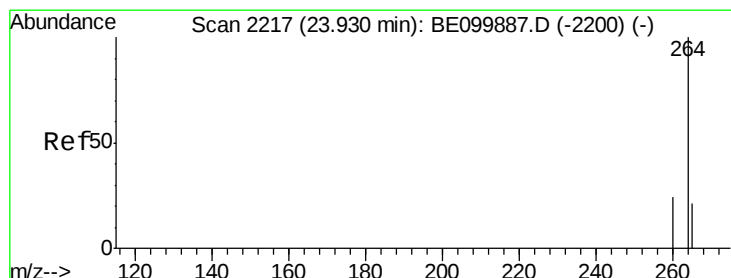
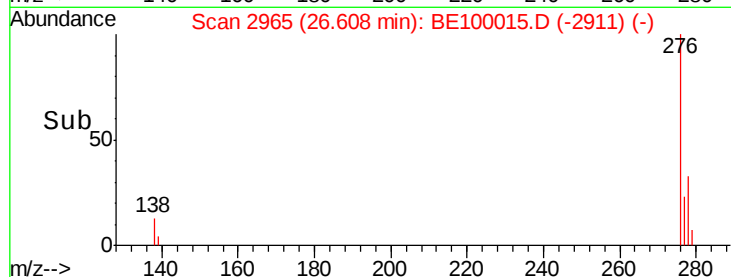
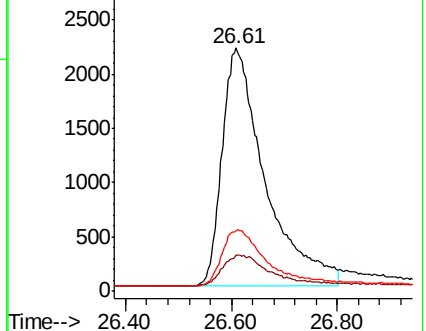
277 24.7 19.1 28.7



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# 2217

Delta R.T. -0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

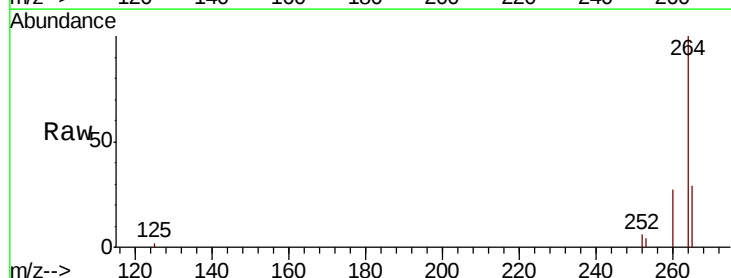
Tgt Ion:264 Resp: 10447

Ion Ratio Lower Upper

264 100

260 26.6 20.2 30.2

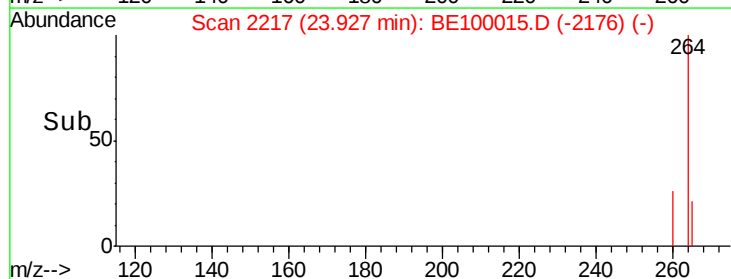
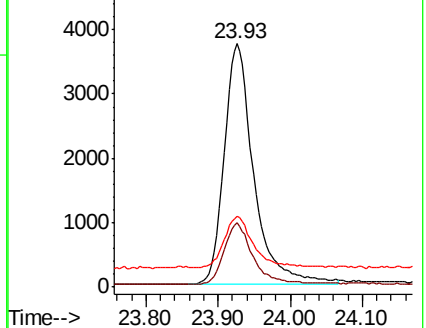
265 29.1 22.0 33.0

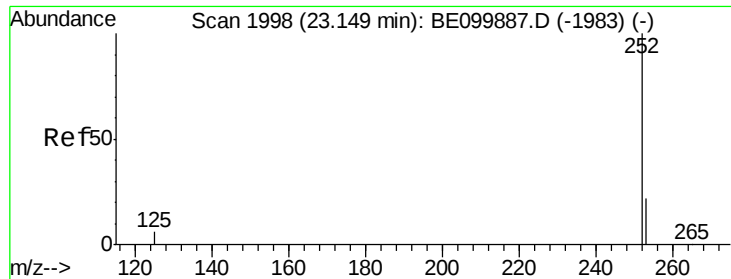


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.415 ng

RT: 23.20 min Scan# 2012

Delta R.T. 0.05 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

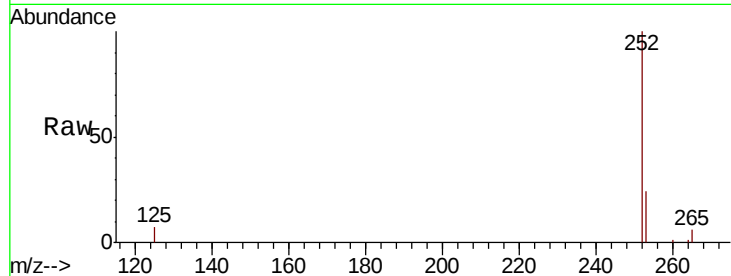
Tgt Ion:252 Resp: 12138

Ion Ratio Lower Upper

252 100

253 23.9 18.7 28.1

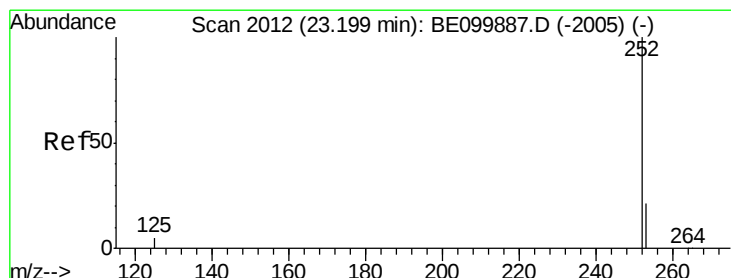
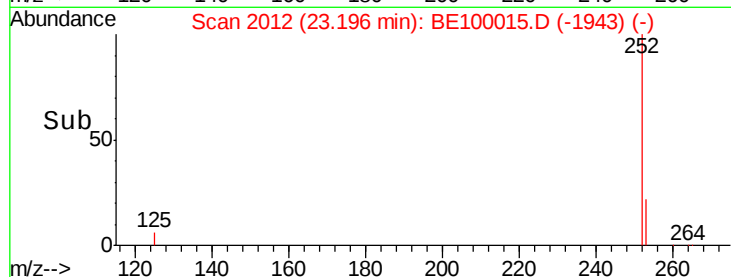
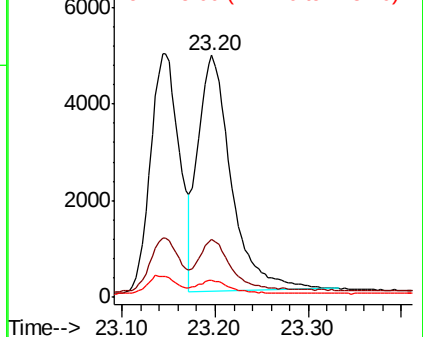
125 7.0 5.7 8.5



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: 0.401 ng

RT: 23.20 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

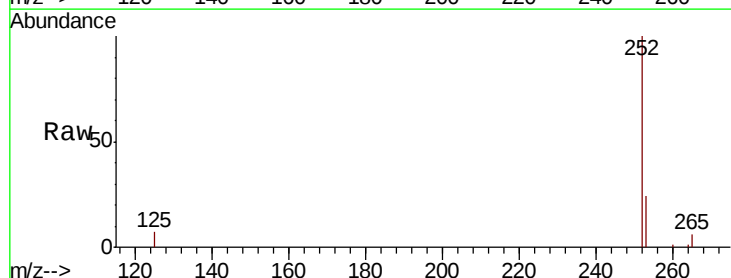
Tgt Ion:252 Resp: 12269

Ion Ratio Lower Upper

252 100

253 23.9 18.6 28.0

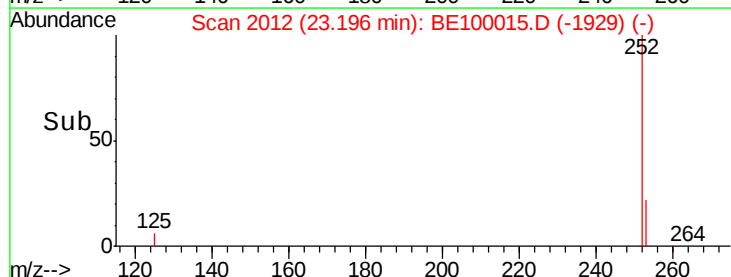
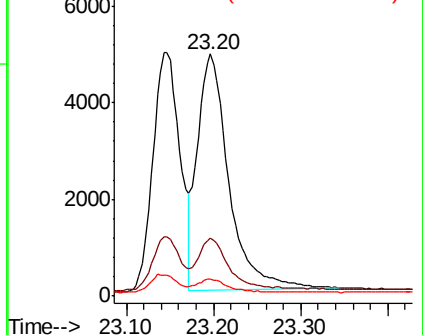
125 7.0 5.4 8.0

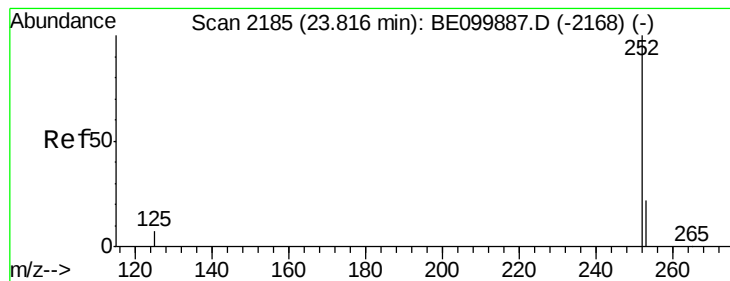


Abundance Ion 252.00 (251.70 to 252.70): E

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# 2185

Delta R.T. -0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

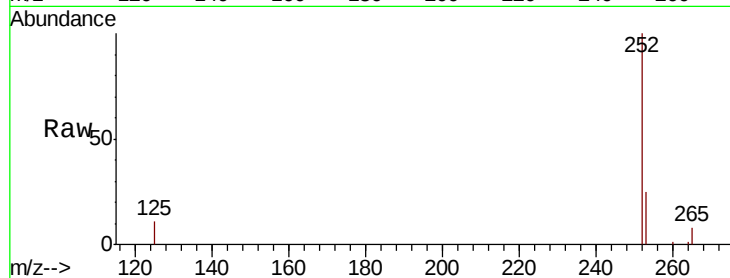
Tgt Ion:252 Resp: 11138

Ion Ratio Lower Upper

252 100

253 25.0 19.6 29.4

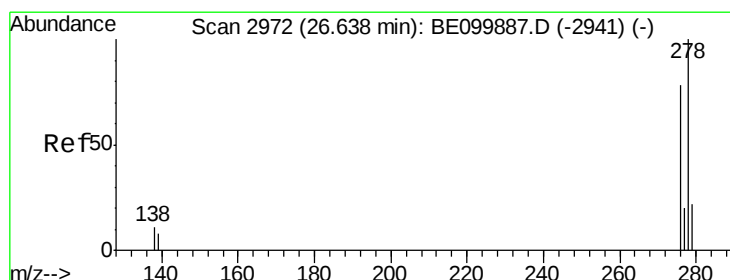
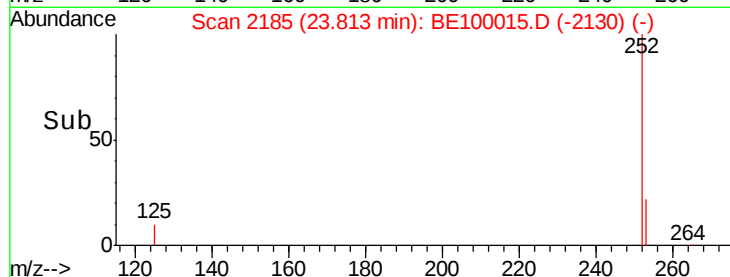
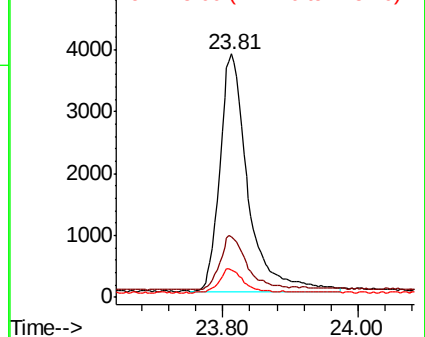
125 11.4 6.6 10.0#



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: 0.332 ng

RT: 26.64 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BE100015.D

Acq: 14 Jun 2019 9:51

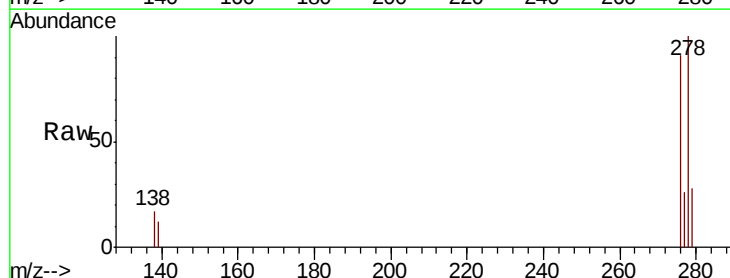
Tgt Ion:278 Resp: 9652

Ion Ratio Lower Upper

278 100

139 12.0 7.8 11.8#

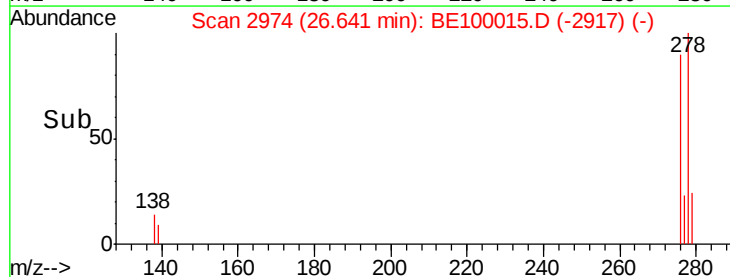
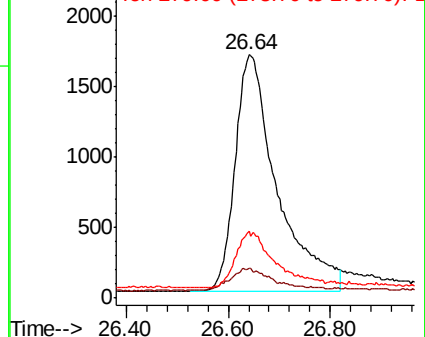
279 27.5 20.0 30.0

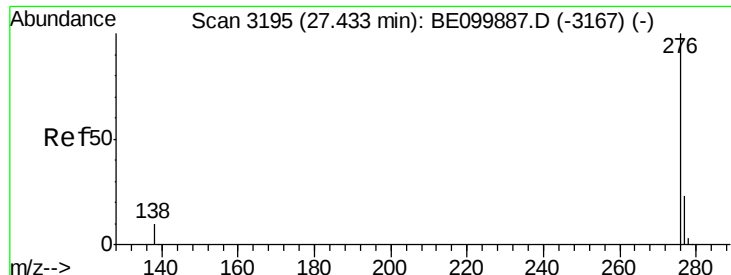


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.368 ng

RT: 27.44 min Scan# 3198

Delta R.T. 0.01 min

Lab File: BE100015.D

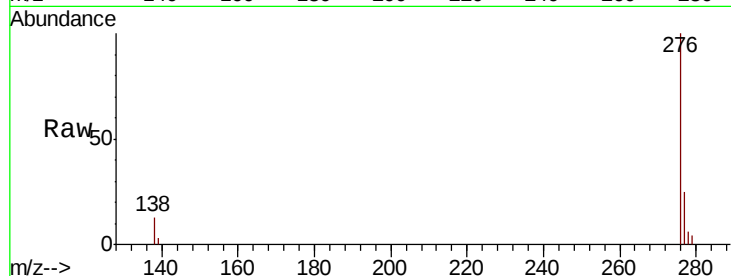
Acq: 14 Jun 2019 9:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS



Tgt Ion: 276 Resp: 11035

Ion Ratio Lower Upper

276 100

277 24.7 19.5 29.3

138 13.0 9.5 14.3

