

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099914.D
 Acq On : 11 Jun 2019 9:06
 Operator : JU/SJ
 Sample : PB120391BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120391BS

Quant Time: Jun 12 03:41:06 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	7.80	152	855	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3035	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2104	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7194	0.40	ng	0.00
27) Chrysene-d12	21.40	240	11534	0.40	ng	0.00
34) Perylene-d12	23.93	264	12873	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	737	0.32	ng	0.01
5) Phenol-d6	6.97	99	888	0.30	ng	0.00
8) Nitrobenzene-d5	8.96	82	895	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2439	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	343	0.22	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2706	0.34	ng	0.00
25) Fluoranthene-d10	19.25	212	37127	0.35	ng	0.00
29) Terphenyl-d14	19.85	244	7999	0.39	ng	0.00

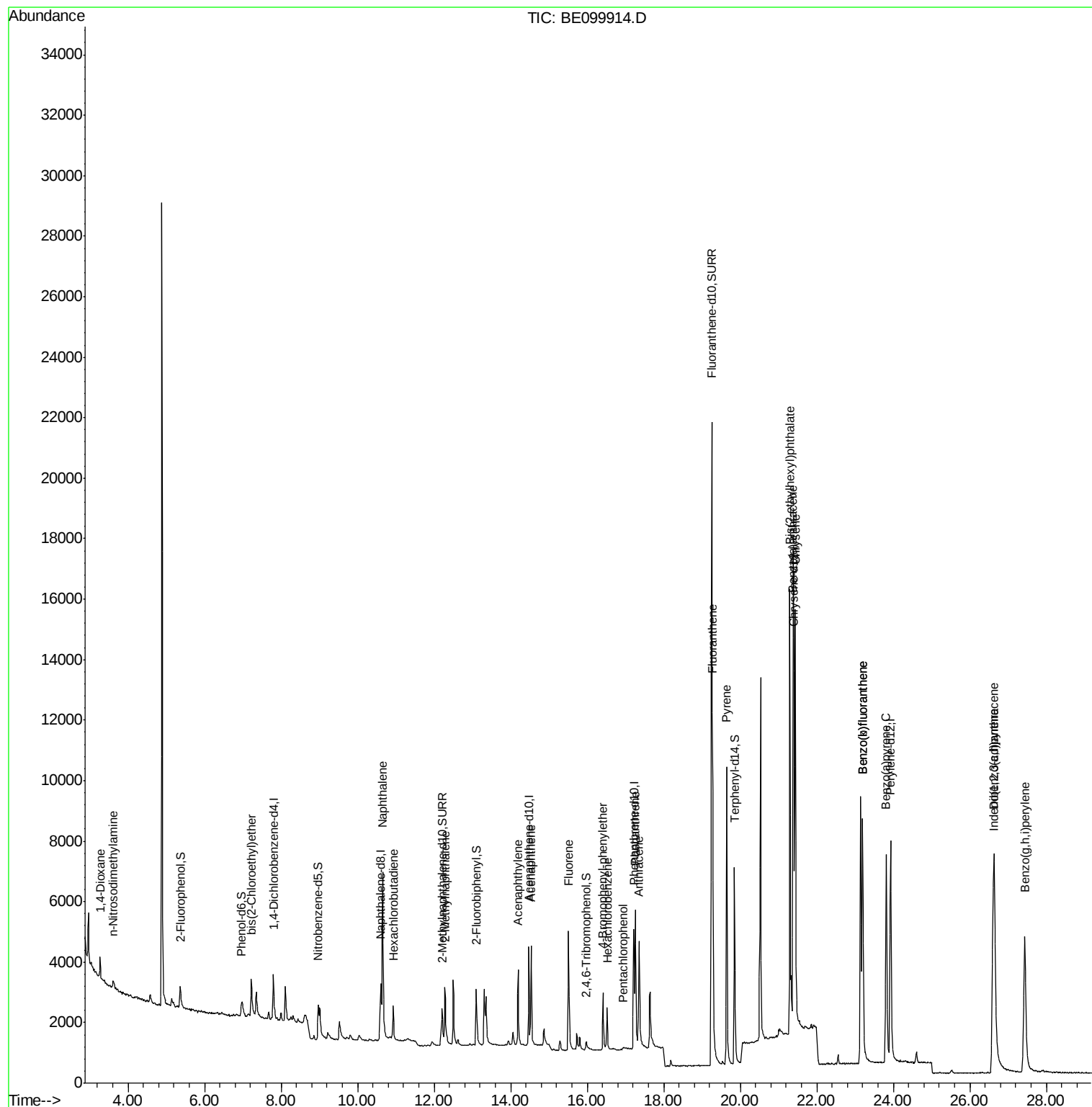
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	443	0.350	ng	# 33
3) n-Nitrosodimethylamine	3.60	42	250	0.343	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	821	0.338	ng	95
9) Naphthalene	10.65	128	11485	0.351	ng	99
10) Hexachlorobutadiene	10.93	225	886	0.355	ng	99
12) 2-Methylnaphthalene	12.28	142	1842	0.346	ng	96
16) Acenaphthylene	14.20	152	3508	0.335	ng	98
17) Acenaphthene	14.53	154	1925	0.338	ng	97
18) Fluorene	15.51	166	2989	0.349	ng	98
20) 4-Bromophenyl-phenylether	16.41	248	1398	0.343	ng	95
21) Hexachlorobenzene	16.52	284	1373	0.330	ng	97
22) Pentachlorophenol	16.95	266	134	0.367	ng	94
23) Phenanthrene	17.26	178	5935	0.340	ng	99
24) Anthracene	17.35	178	5208	0.325	ng	99
26) Fluoranthene	19.28	202	10930	0.368	ng	99
28) Pyrene	19.64	202	11560	0.381	ng	100
30) Benzo(a)anthracene	21.38	228	13681	0.397	ng	99
31) Chrysene	21.44	228	13598	0.382	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	16941	0.342	ng	99
33) Indeno(1,2,3-cd)pyrene	26.61	276	16060	0.380	ng	# 94
35) Benzo(b)fluoranthene	23.20	252	14592	0.405	ng	99
36) Benzo(k)fluoranthene	23.20	252	14785	0.392	ng	100
37) Benzo(a)pyrene	23.81	252	13475	0.379	ng	# 96
38) Dibenzo(a,h)anthracene	26.64	278	12720	0.355	ng	98
39) Benzo(g,h,i)perylene	27.44	276	13698	0.370	ng	100

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

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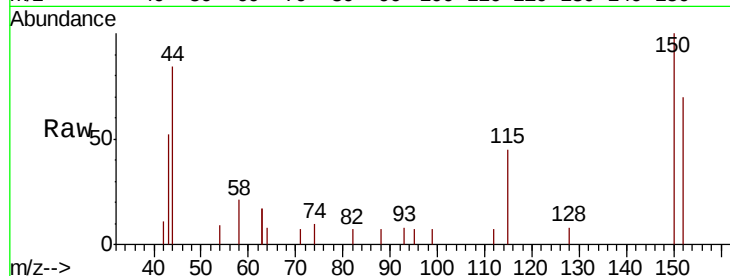


#1

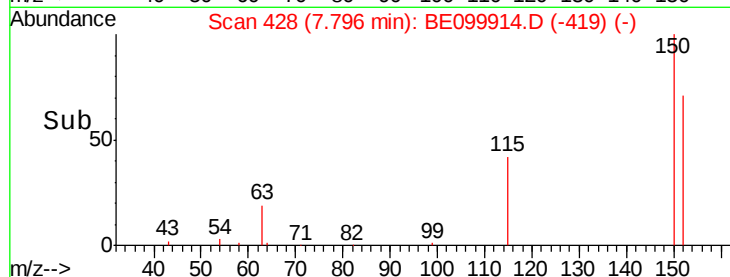
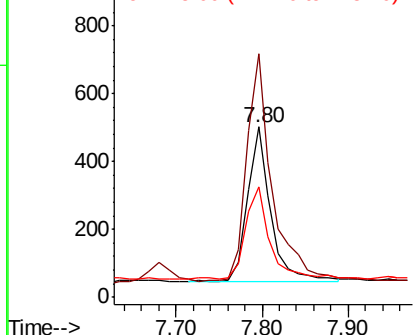
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion: 152 Resp: 855
Ion Ratio Lower Upper
152 100
150 143.1 111.0 166.6
115 64.7 50.7 76.1



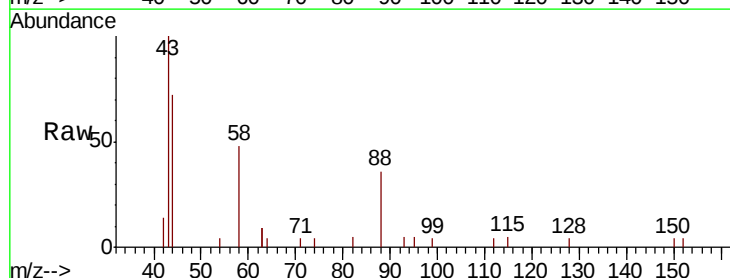
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



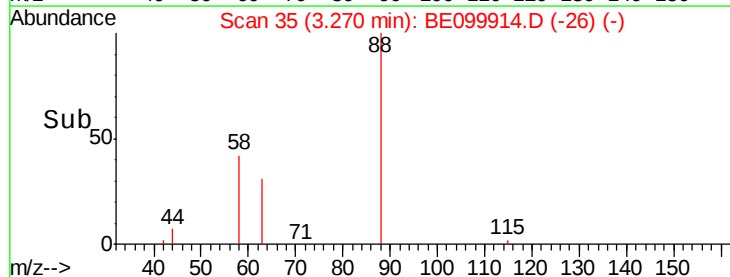
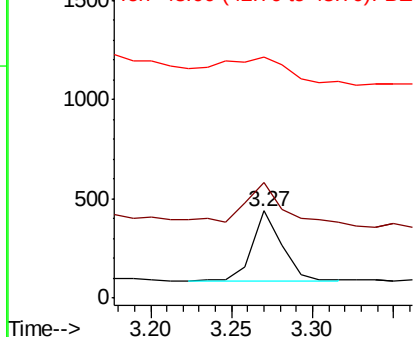
#2

1,4-Dioxane
Concen: 0.350 ng
RT: 3.27 min Scan# 35
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion: 88 Resp: 443
Ion Ratio Lower Upper
88 100
58 85.3 48.8 73.2#
43 101.8 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: 0.343 ng

RT: 3.60 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

ClientSampleId :

PB120391BS

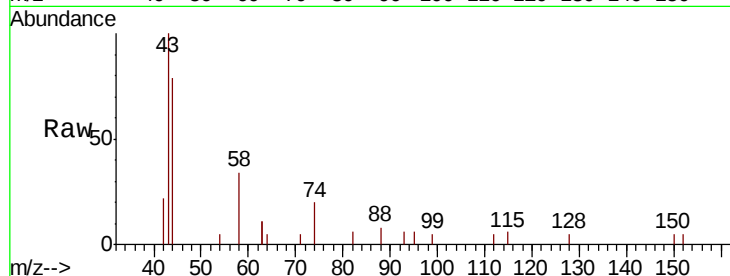
Tgt Ion: 42 Resp: 250

Ion Ratio Lower Upper

42 100

74 160.8 0.0 0.0#

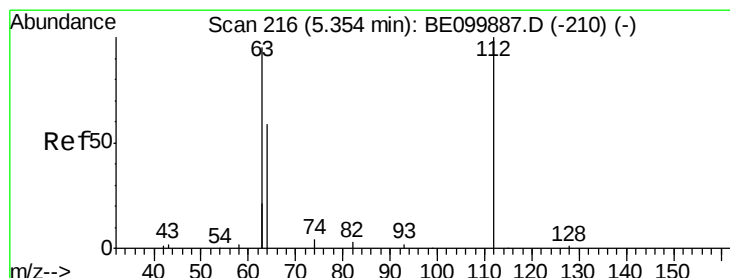
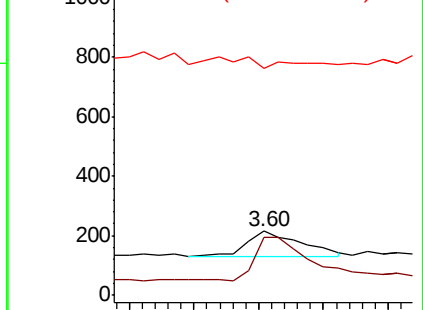
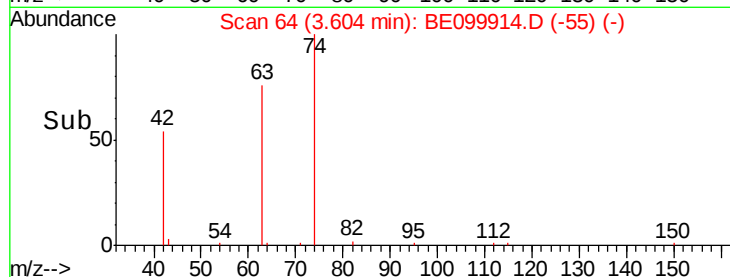
44 26.4 0.0 0.0#



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: 0.319 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

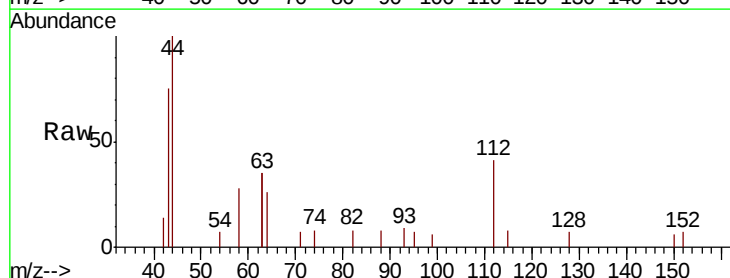
Tgt Ion: 112 Resp: 737

Ion Ratio Lower Upper

112 100

64 50.9 44.1 66.1

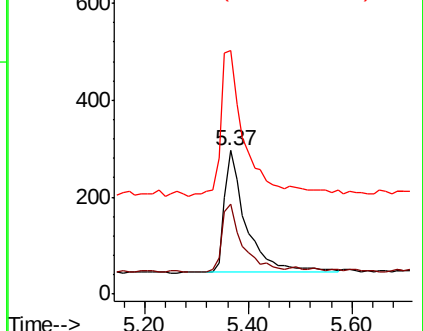
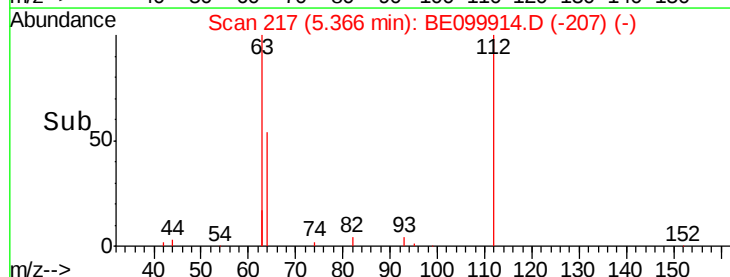
63 122.7 87.8 131.6



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: 0.299 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

ClientSampleId :

PB120391BS

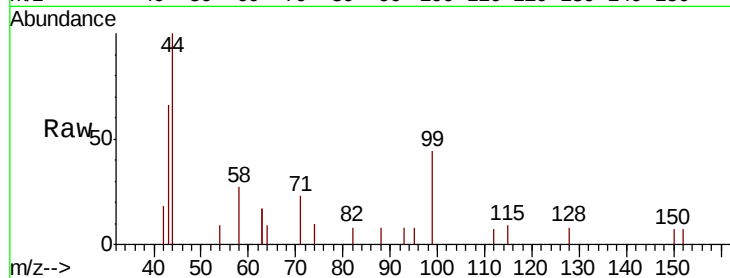
Tgt Ion: 99 Resp: 888

Ion Ratio Lower Upper

99 100

42 15.4 15.9 23.9#

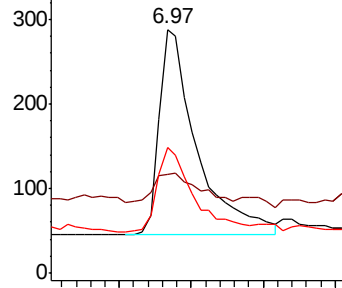
71 38.7 34.6 52.0



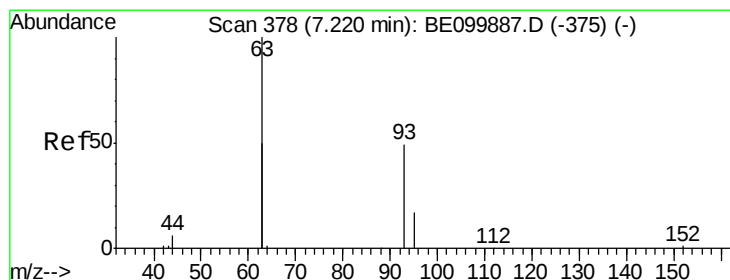
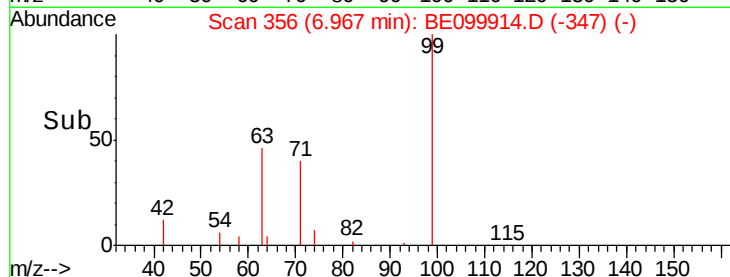
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.338 ng

RT: 7.22 min Scan# 378

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

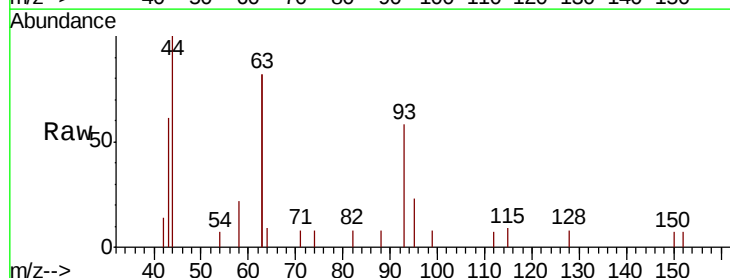
Tgt Ion: 93 Resp: 821

Ion Ratio Lower Upper

93 100

63 244.7 202.8 304.2

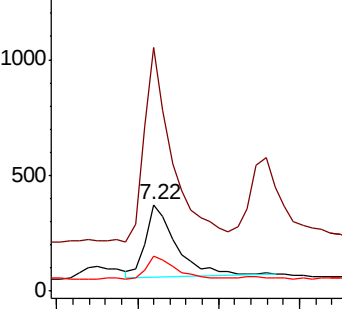
95 31.8 23.7 35.5



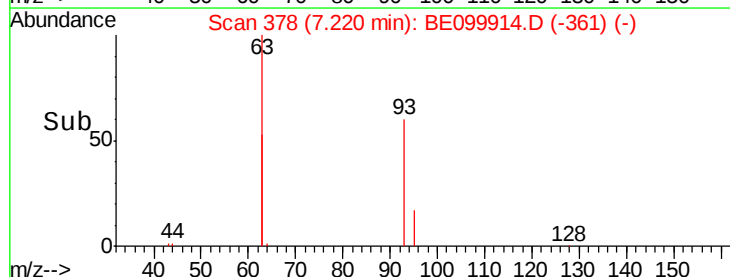
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

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Tgt Ion: 136 Resp: 3035

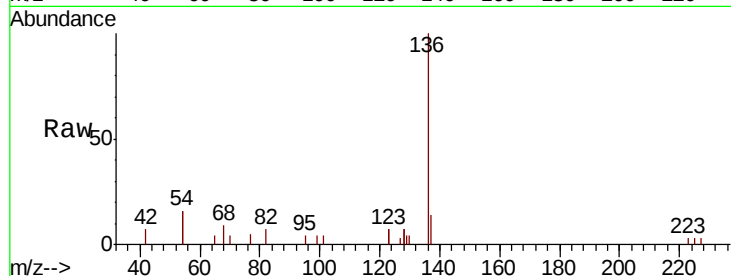
Ion Ratio Lower Upper

136 100

137 13.9 12.3 18.5

54 32.3 28.2 42.4

68 8.8 7.8 11.8

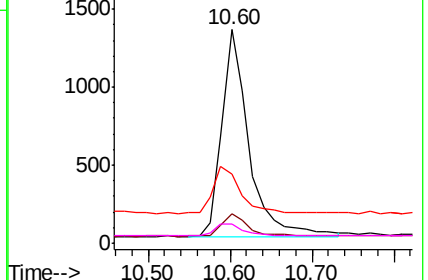
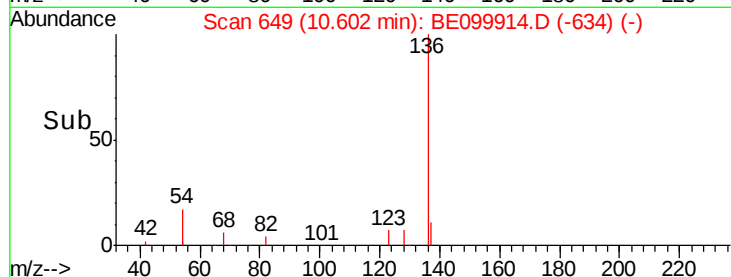


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.311 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

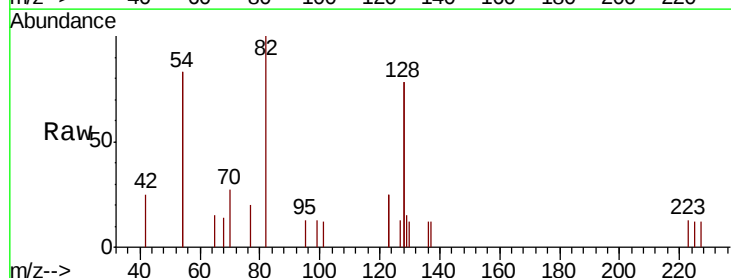
Tgt Ion: 82 Resp: 895

Ion Ratio Lower Upper

82 100

128 155.4 137.3 205.9

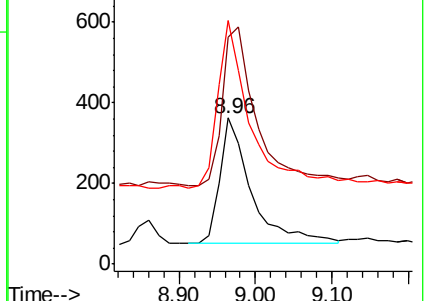
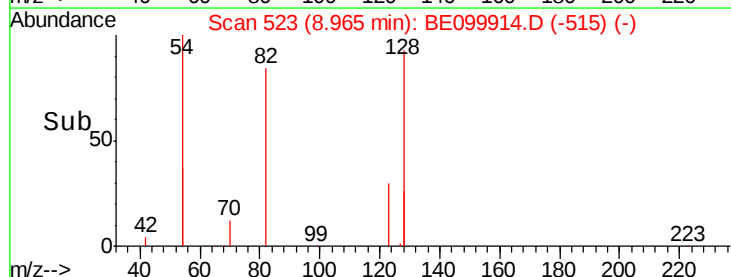
54 166.4 129.7 194.5

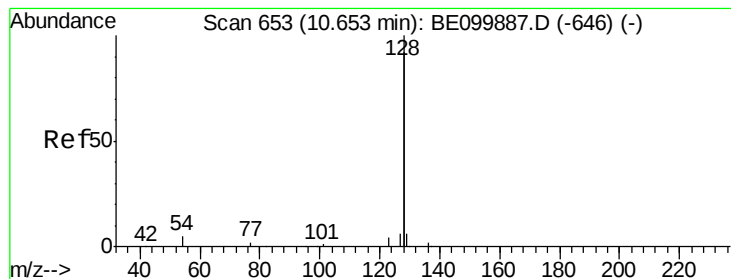


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.351 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

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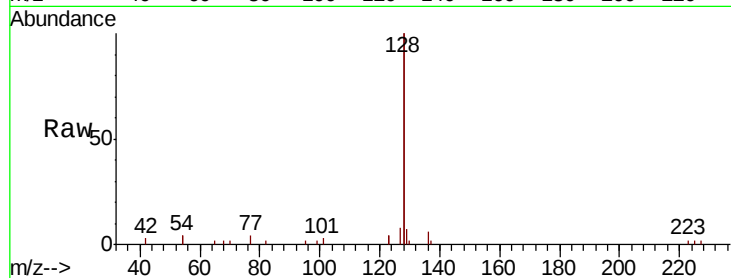
Tgt Ion:128 Resp: 11485

Ion Ratio Lower Upper

128 100

129 3.5 3.0 4.6

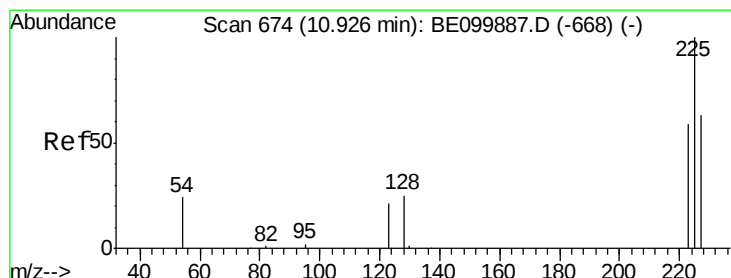
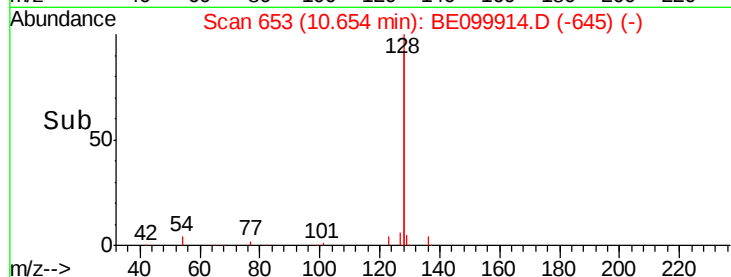
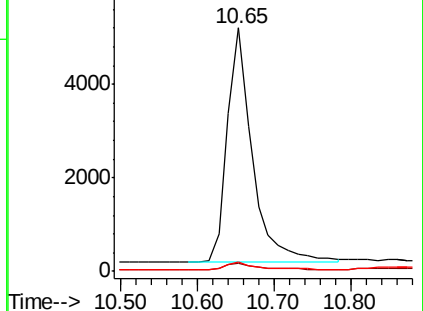
127 4.0 3.4 5.0



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: 0.355 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

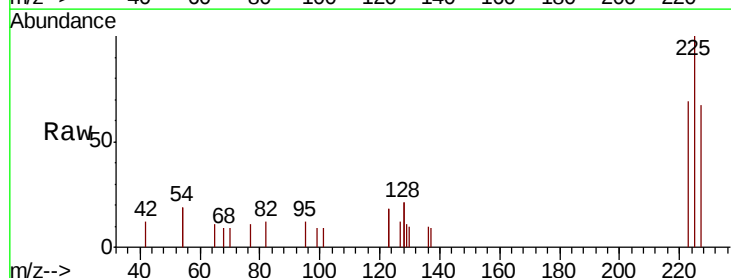
Tgt Ion:225 Resp: 886

Ion Ratio Lower Upper

225 100

223 63.4 51.6 77.4

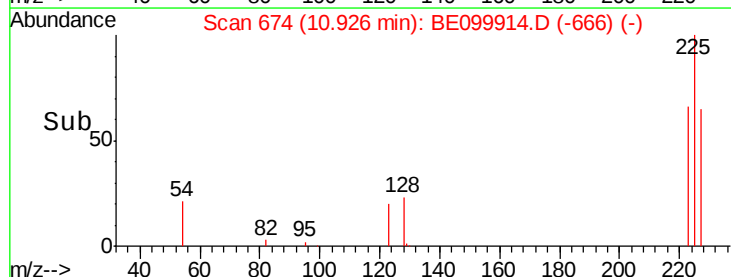
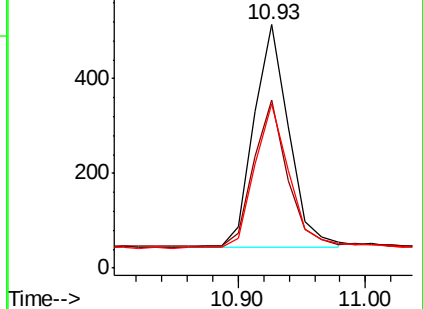
227 63.4 50.6 76.0

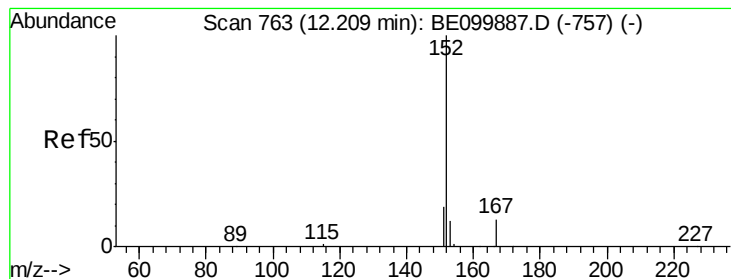


Abundance Ion 225.00 (224.70 to 225.70): E

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: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

ClientSampleId :

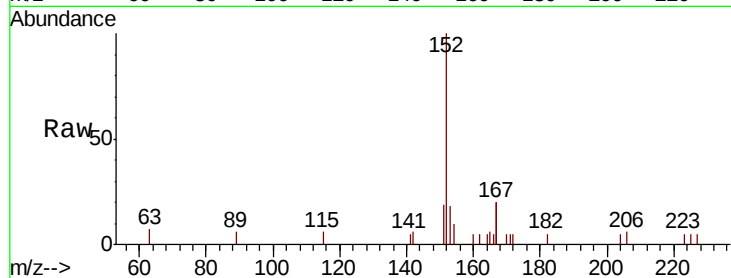
PB120391BS

Tgt Ion:152 Resp: 2439

Ion Ratio Lower Upper

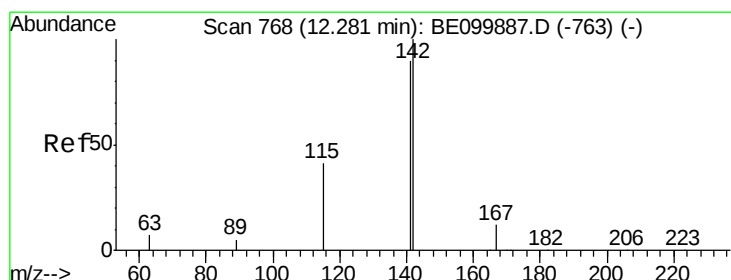
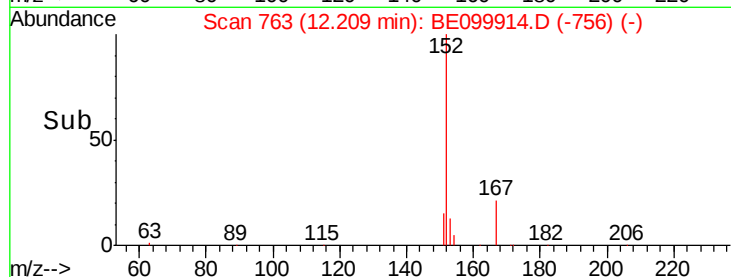
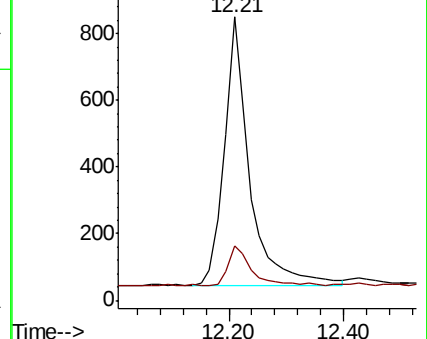
152 100

151 13.3 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: 0.346 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

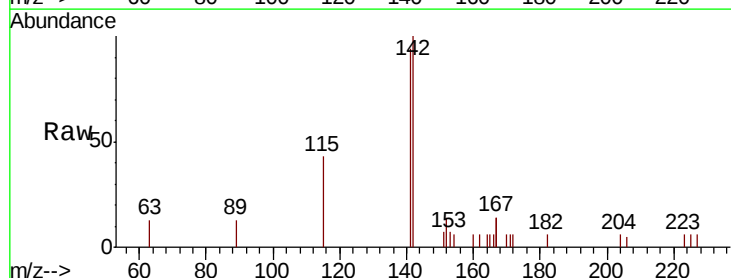
Tgt Ion:142 Resp: 1842

Ion Ratio Lower Upper

142 100

141 94.1 72.3 108.5

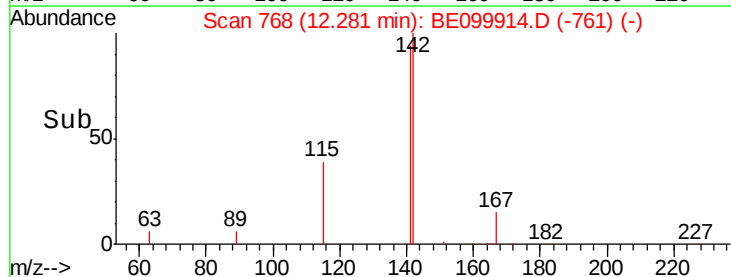
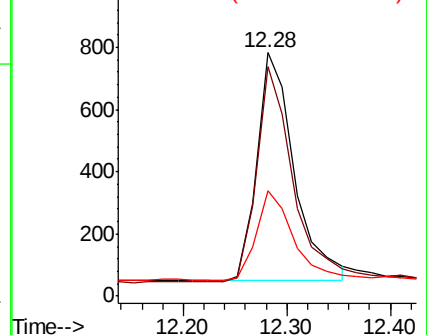
115 43.2 36.4 54.6

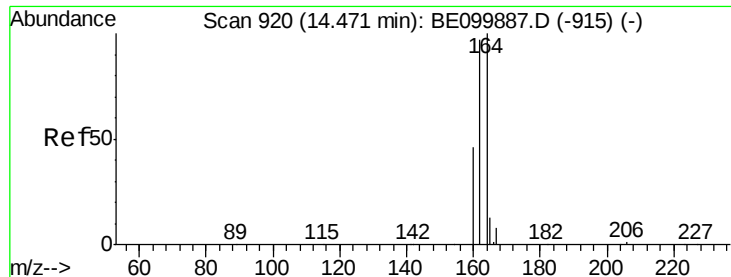


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

ClientSampleId :

PB120391BS

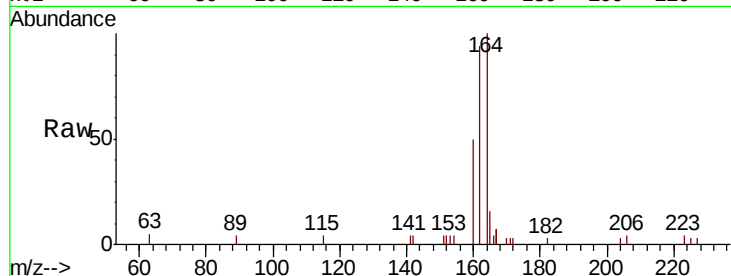
Tgt Ion:164 Resp: 2104

Ion Ratio Lower Upper

164 100

162 94.4 77.8 116.8

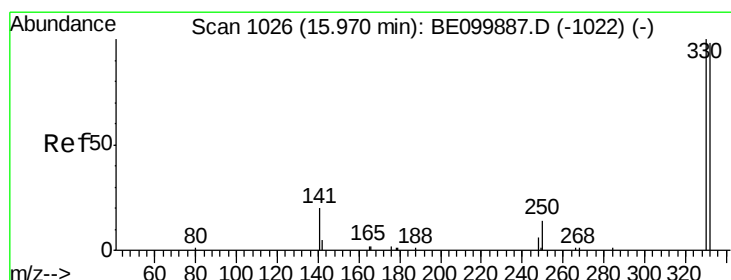
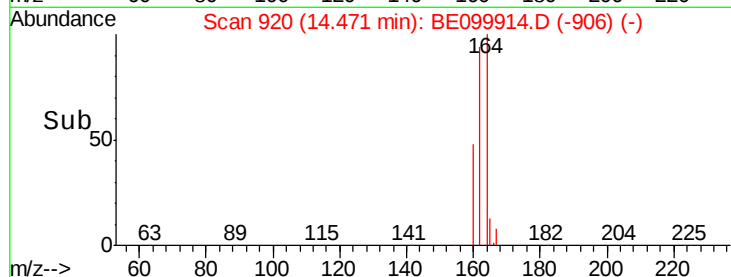
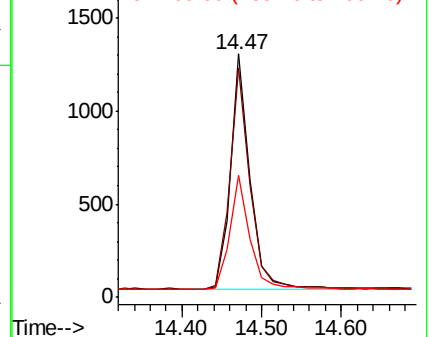
160 50.1 38.2 57.4



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: 0.221 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

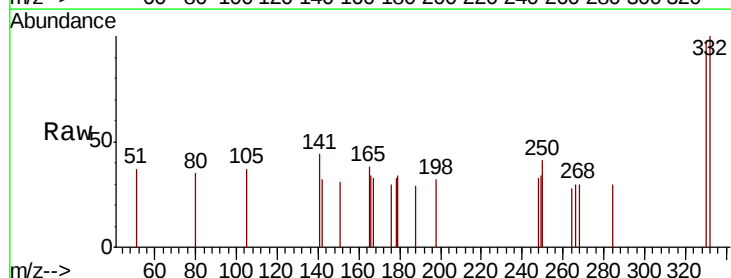
Tgt Ion:330 Resp: 343

Ion Ratio Lower Upper

330 100

332 101.7 76.7 115.1

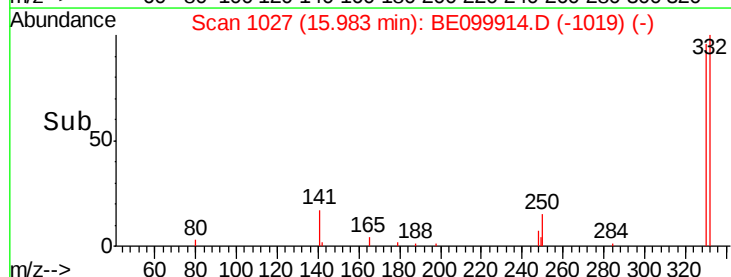
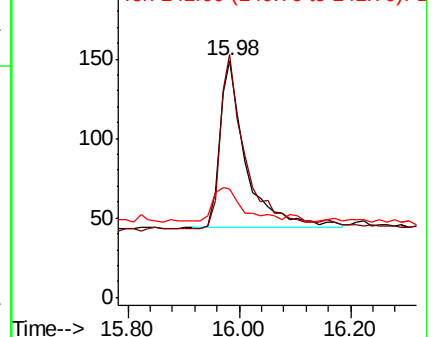
141 22.2 21.0 31.6



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

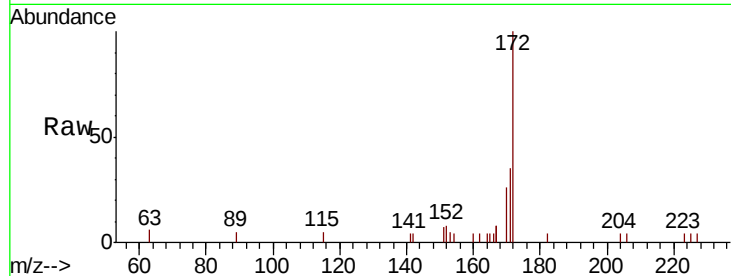




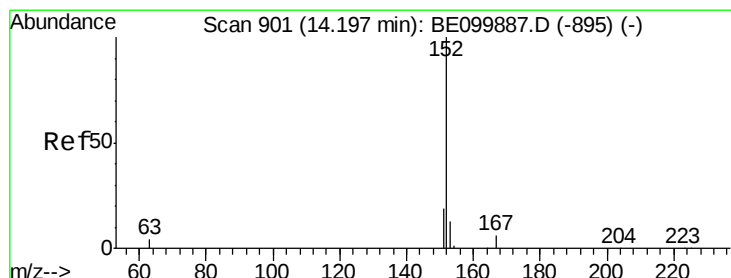
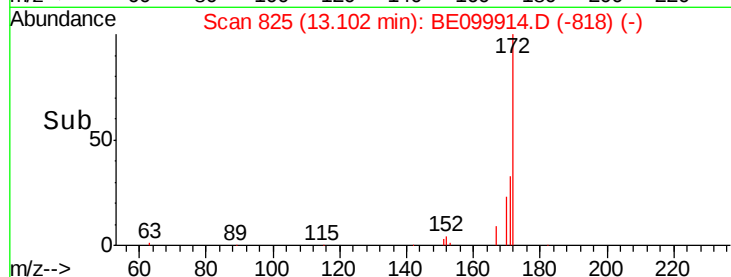
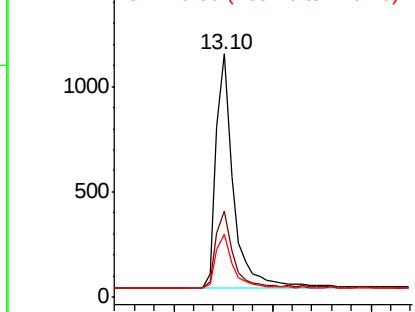
#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:172 Resp: 2706
Ion Ratio Lower Upper
172 100
171 35.2 29.2 43.8
170 25.8 21.2 31.8

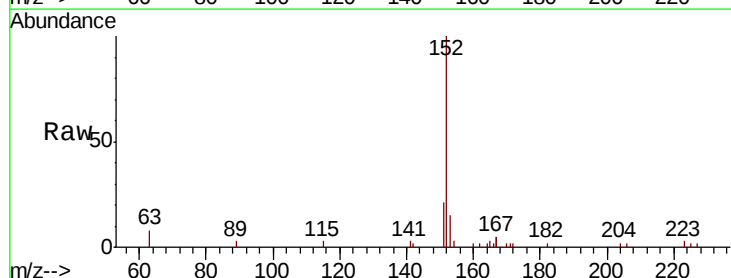


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

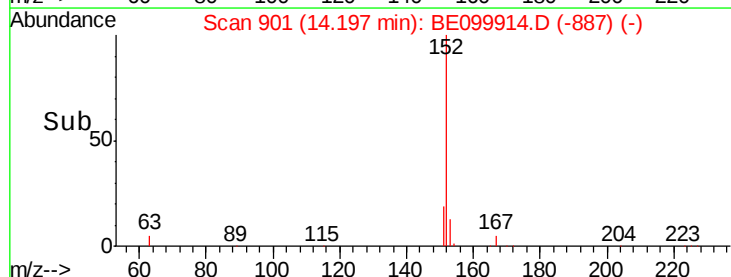
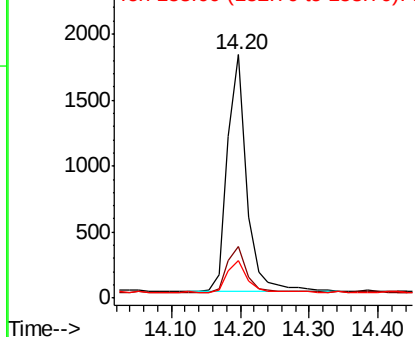


#16
Acenaphthylene
Concen: 0.335 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:152 Resp: 3508
Ion Ratio Lower Upper
152 100
151 20.4 15.5 23.3
153 13.4 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

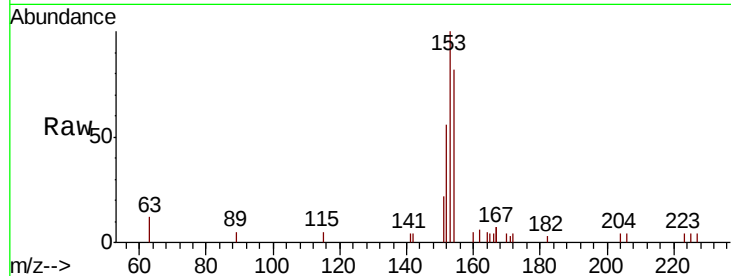




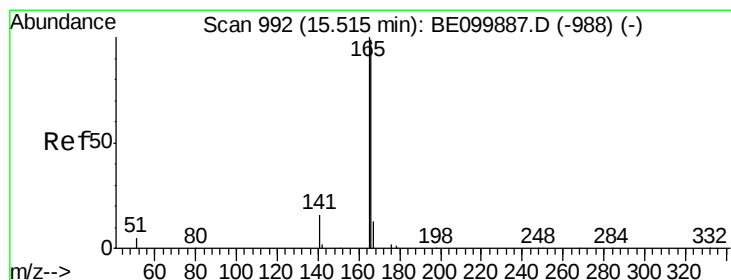
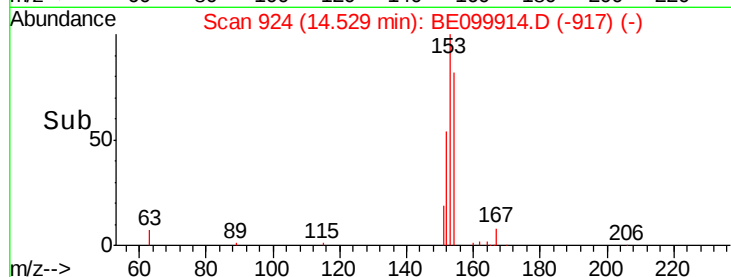
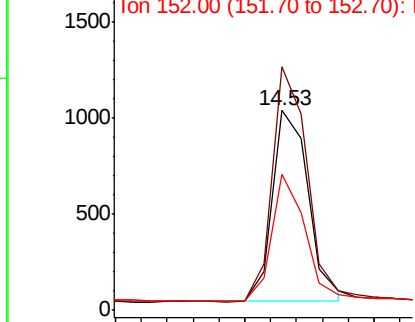
#17
Acenaphthene
Concen: 0.338 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:154 Resp: 1925
Ion Ratio Lower Upper
154 100
153 119.4 93.1 139.7
152 61.7 47.0 70.4

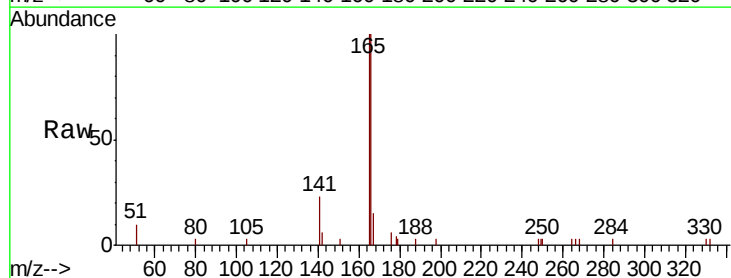


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

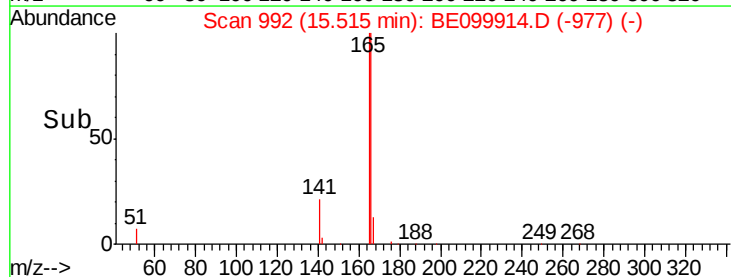
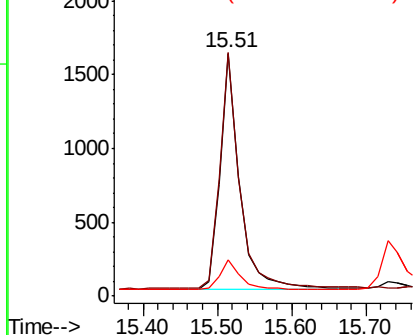


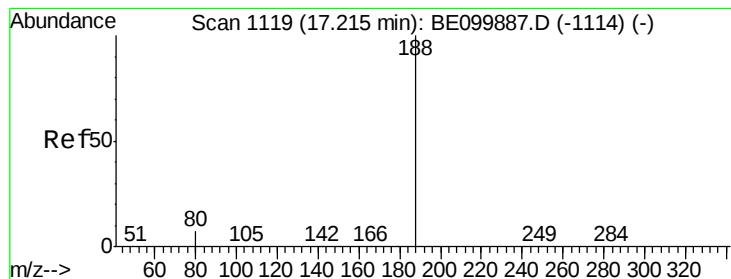
#18
Fluorene
Concen: 0.349 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:166 Resp: 2989
Ion Ratio Lower Upper
166 100
165 99.8 81.8 122.8
167 13.2 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: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

ClientSampleId :

PB120391BS

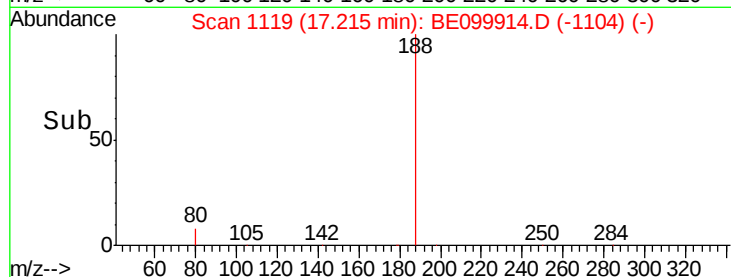
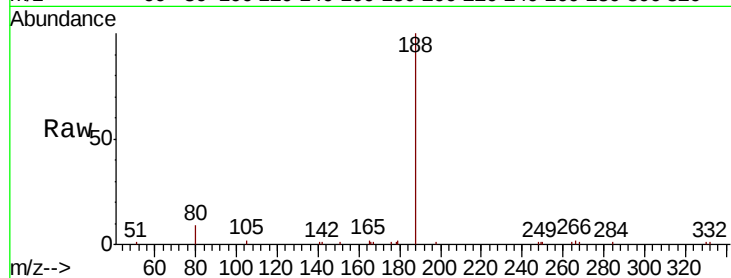
Tgt Ion:188 Resp: 7194

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

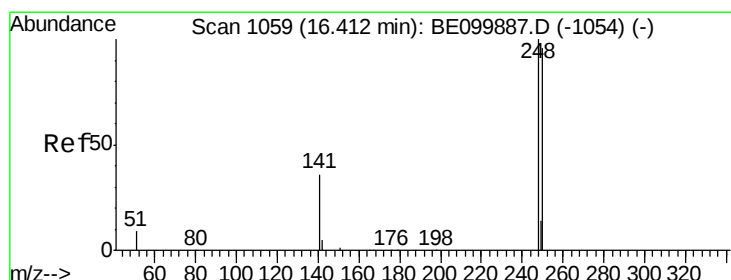
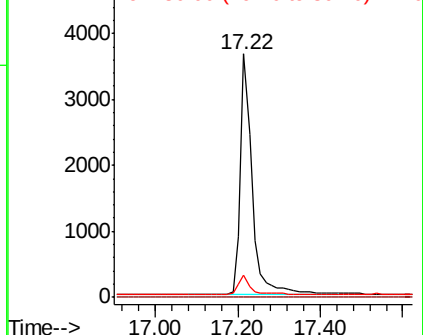
80 8.9 6.4 9.6



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: 0.343 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

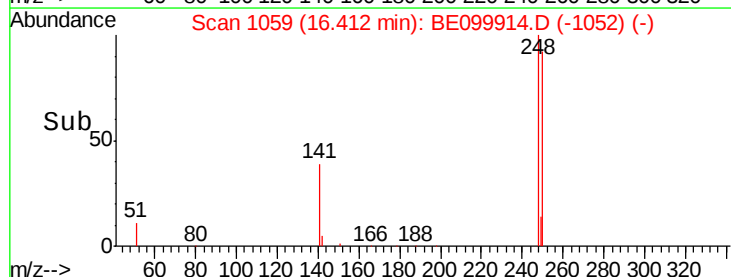
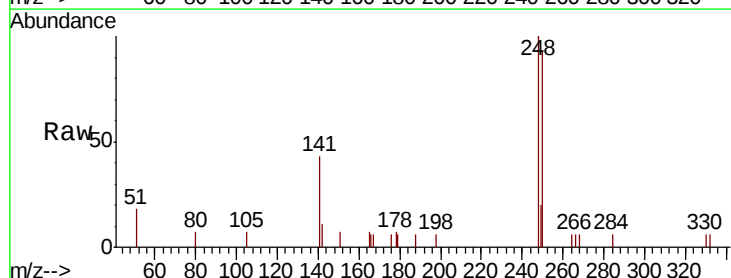
Tgt Ion:248 Resp: 1398

Ion Ratio Lower Upper

248 100

250 92.6 77.5 116.3

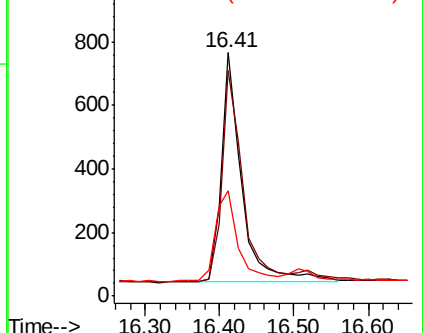
141 43.2 31.8 47.8

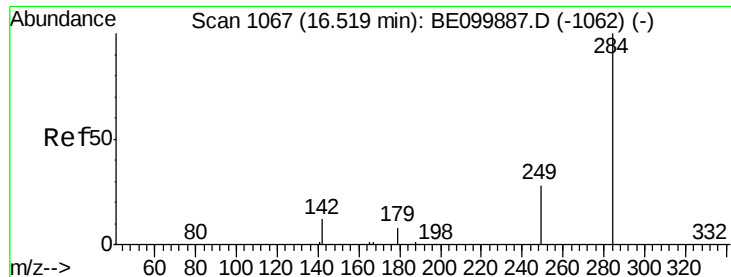


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.330 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

ClientSampleId :

PB120391BS

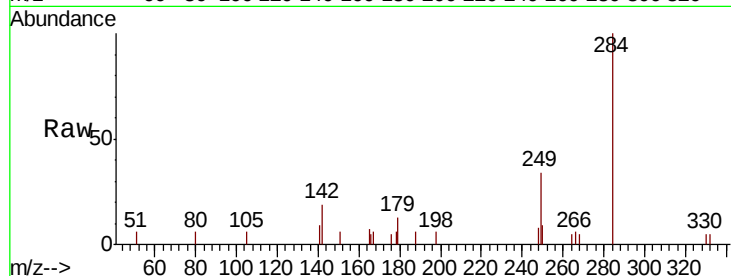
Tgt Ion:284 Resp: 1373

Ion Ratio Lower Upper

284 100

142 23.6 18.2 27.4

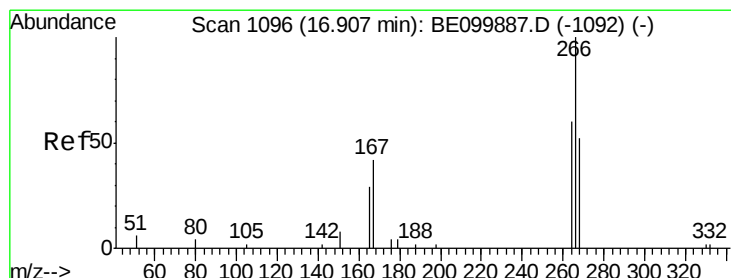
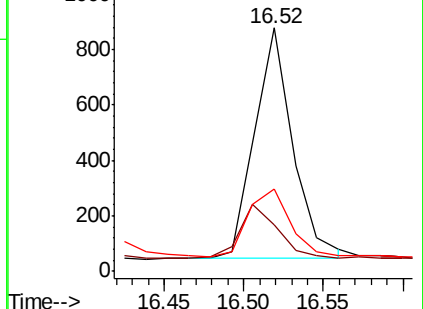
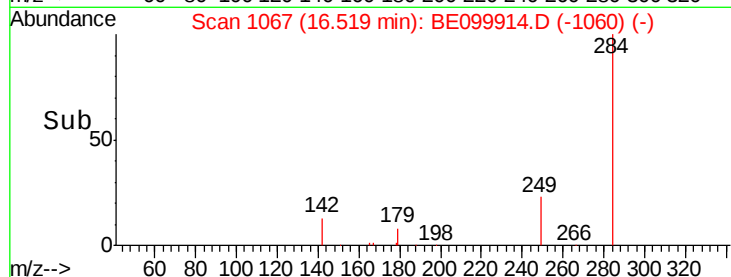
249 33.4 24.6 37.0



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: 0.367 ng

RT: 16.95 min Scan# 1099

Delta R.T. 0.04 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

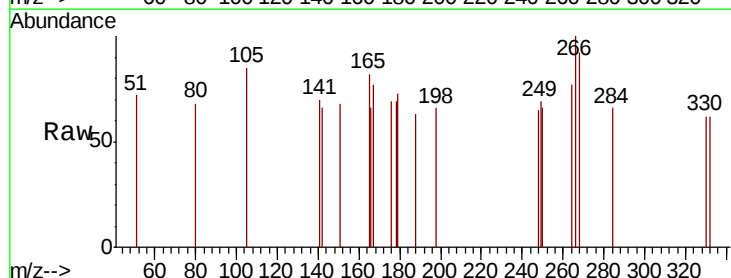
Tgt Ion:266 Resp: 134

Ion Ratio Lower Upper

266 100

264 77.5 62.2 93.2

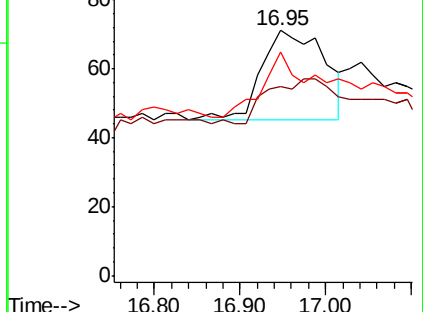
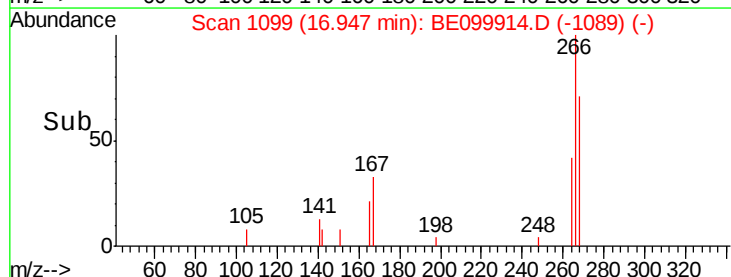
268 91.5 65.5 98.3



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: 0.340 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

ClientSampleId :

PB120391BS

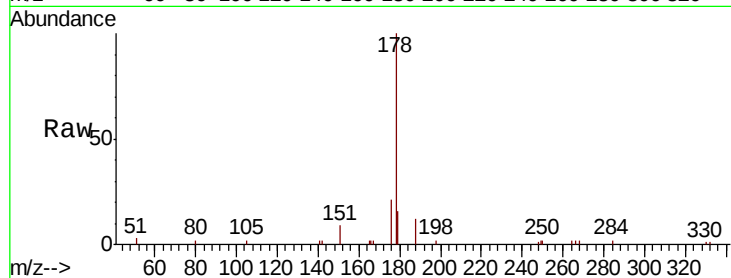
Tgt Ion:178 Resp: 5935

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

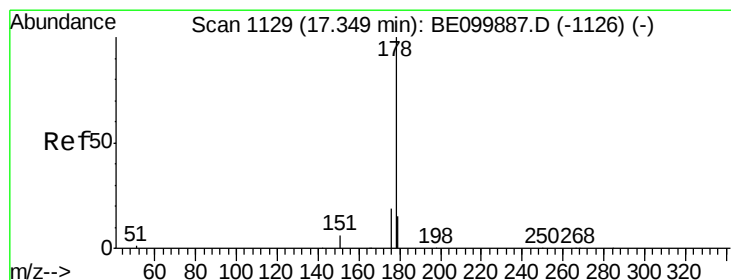
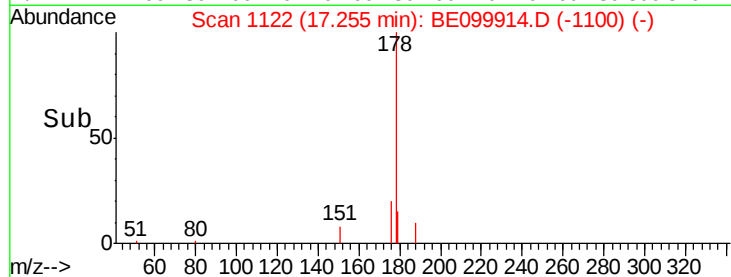
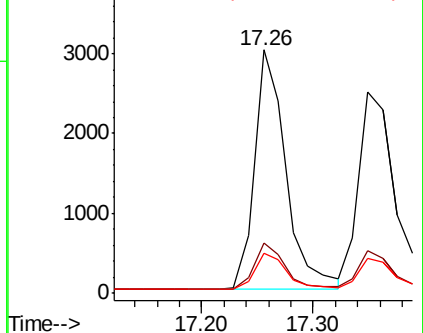
179 15.3 12.4 18.6



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: 0.325 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

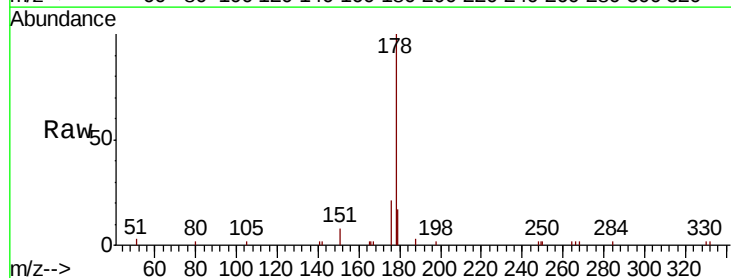
Tgt Ion:178 Resp: 5208

Ion Ratio Lower Upper

178 100

176 17.7 14.6 22.0

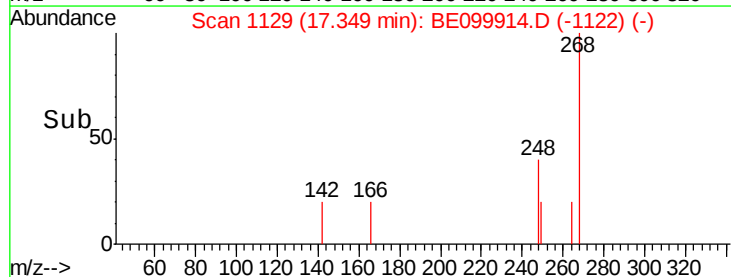
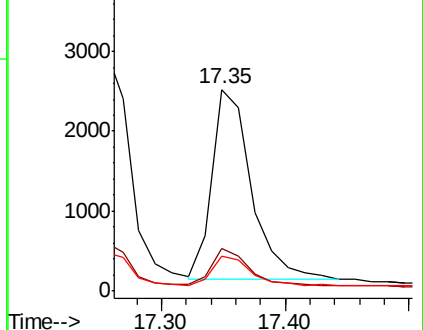
179 15.0 12.3 18.5



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: 0.354 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

ClientSampleId :

PB120391BS

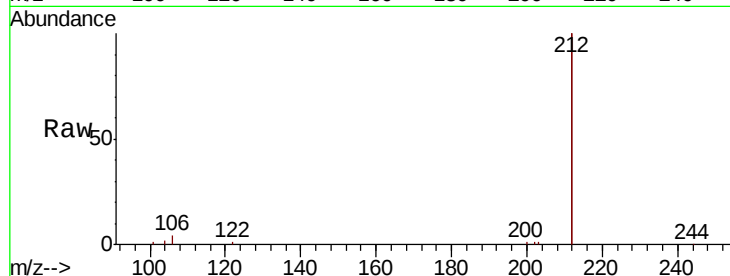
Tgt Ion:212 Resp: 37127

Ion Ratio Lower Upper

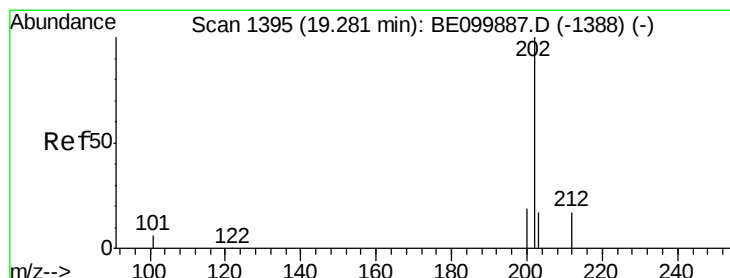
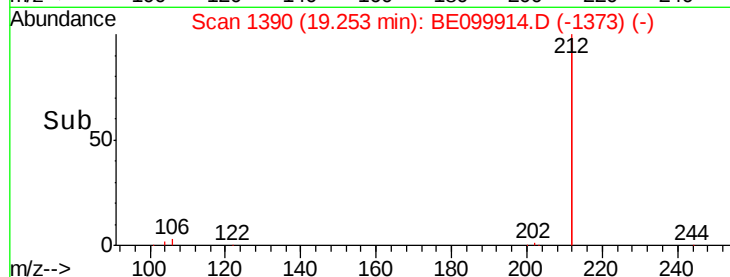
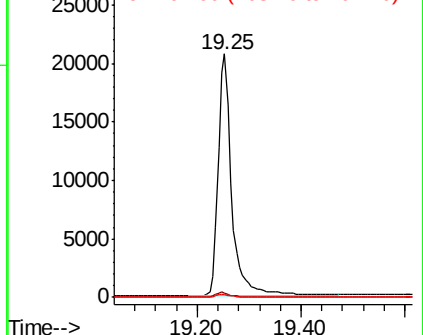
212 100

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: 0.368 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

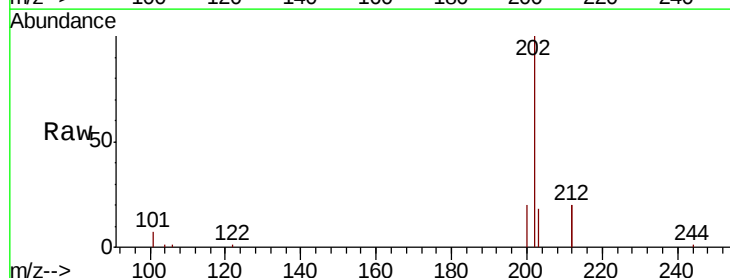
Tgt Ion:202 Resp: 10930

Ion Ratio Lower Upper

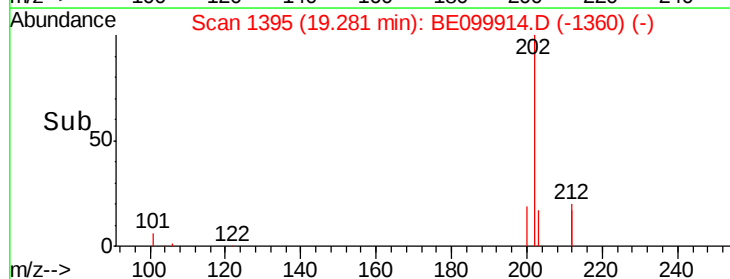
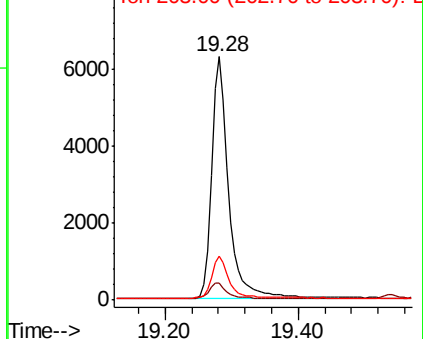
202 100

101 6.5 5.4 8.0

203 16.9 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

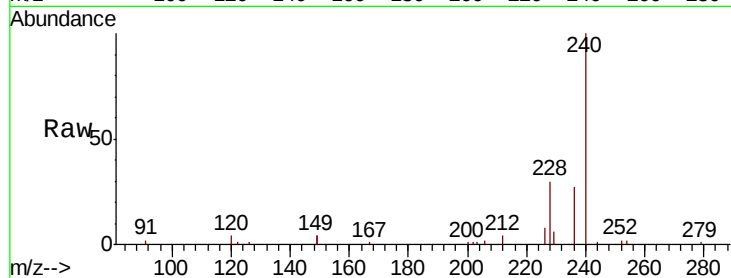




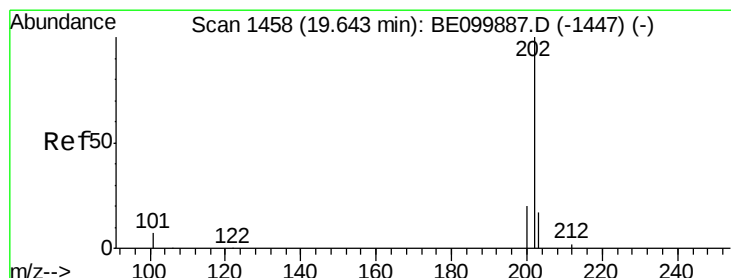
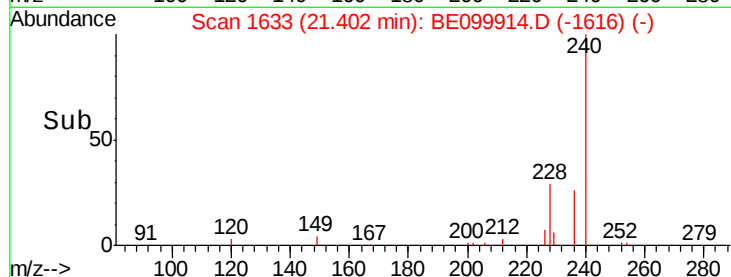
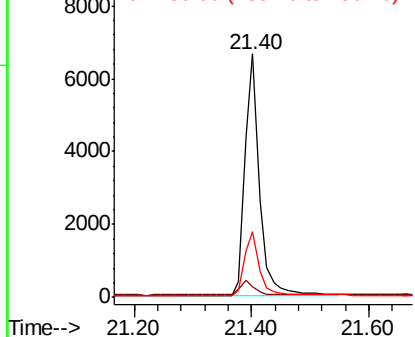
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:240 Resp: 11534
Ion Ratio Lower Upper
240 100
120 4.3 3.8 5.6
236 26.9 22.0 33.0

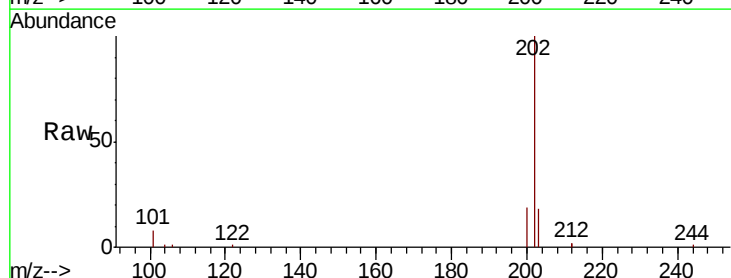


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

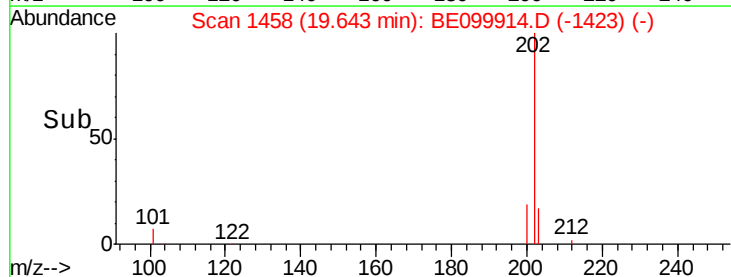
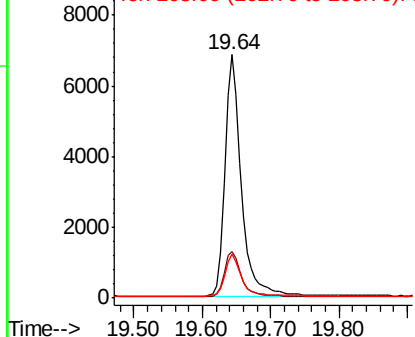


#28
Pyrene
Concen: 0.381 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:202 Resp: 11560
Ion Ratio Lower Upper
202 100
200 19.5 15.5 23.3
203 17.8 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: 0.385 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

ClientSampleId :

PB120391BS

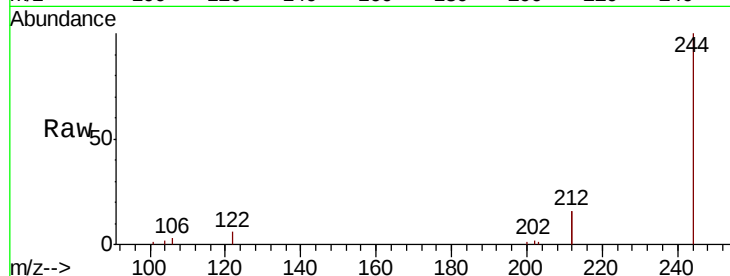
Tgt Ion:244 Resp: 7999

Ion Ratio Lower Upper

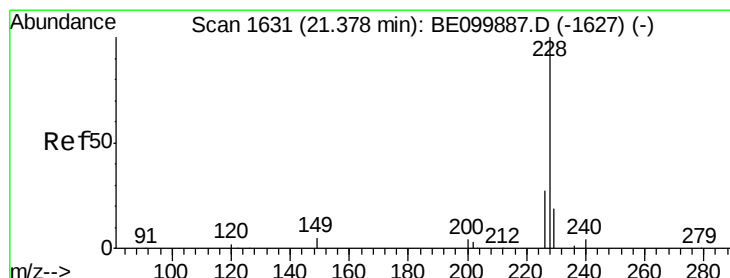
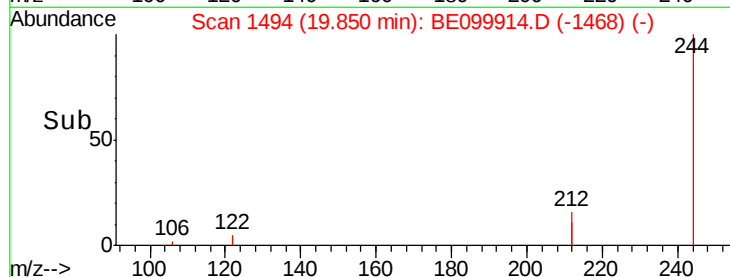
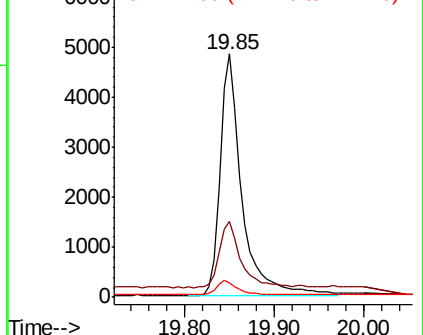
244 100

212 31.1 25.7 38.5

122 6.0 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: 0.397 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

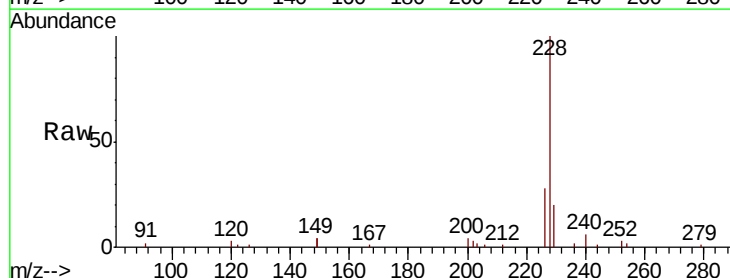
Tgt Ion:228 Resp: 13681

Ion Ratio Lower Upper

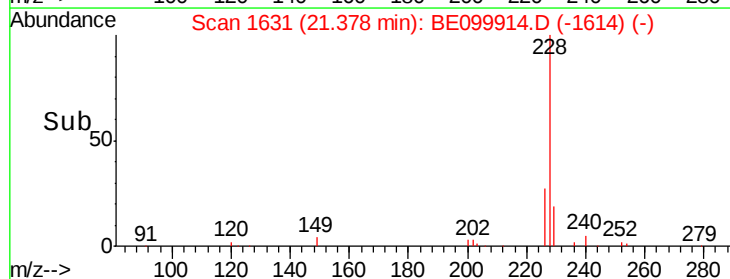
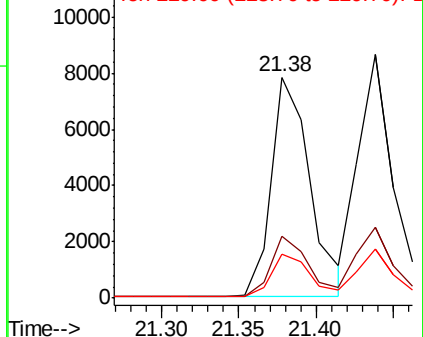
228 100

226 27.8 22.5 33.7

229 19.6 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: 0.382 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

ClientSampleId :

PB120391BS

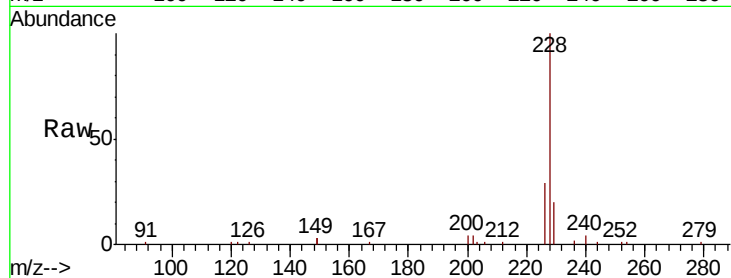
Tgt Ion:228 Resp: 13598

Ion Ratio Lower Upper

228 100

226 29.3 24.1 36.1

229 20.3 16.1 24.1

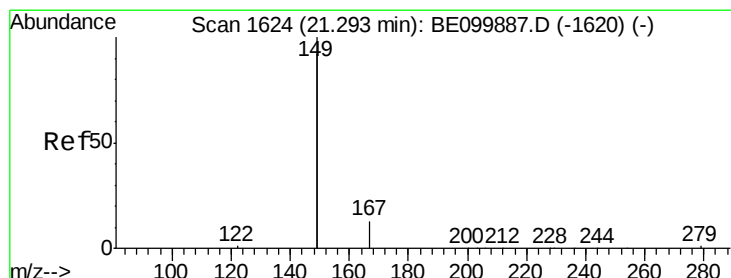
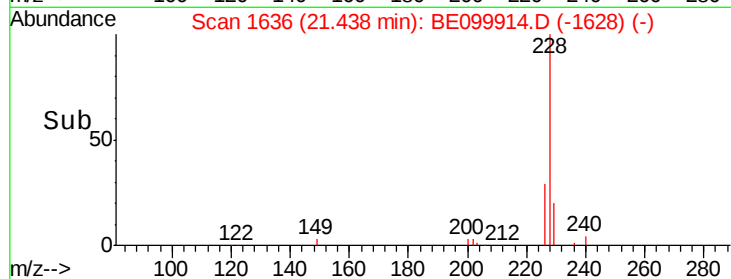
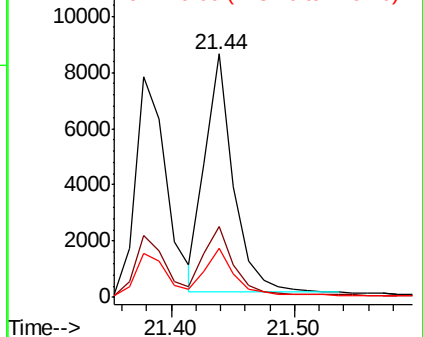


Abundance

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: 0.342 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

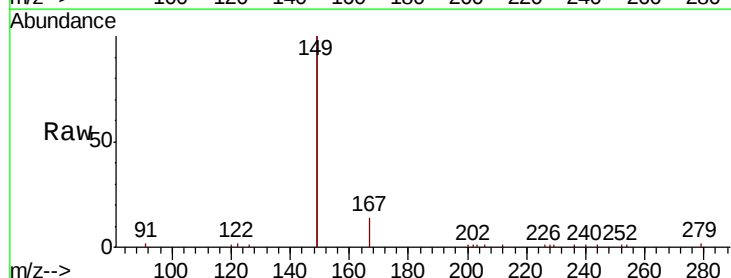
Tgt Ion:149 Resp: 16941

Ion Ratio Lower Upper

149 100

167 7.1 5.9 8.9

279 1.4 1.2 1.8

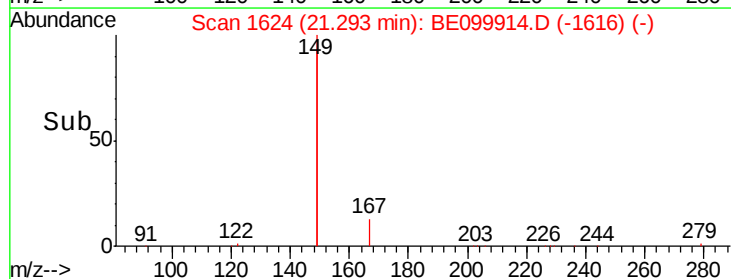
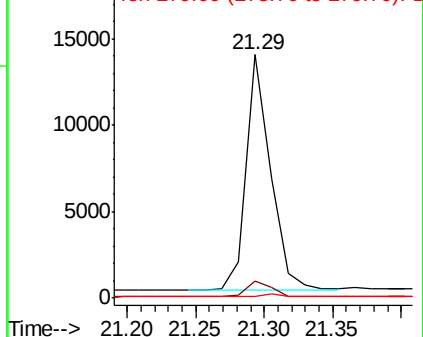


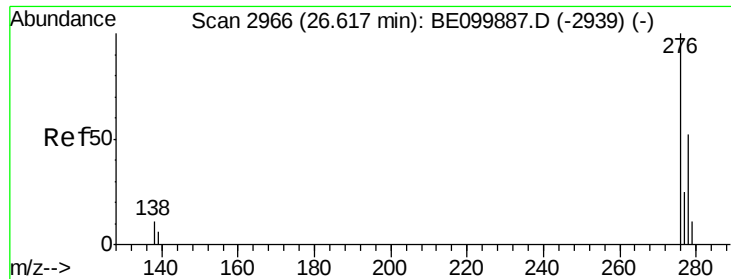
Abundance

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: 0.380 ng

RT: 26.61 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

ClientSampleId :

PB120391BS

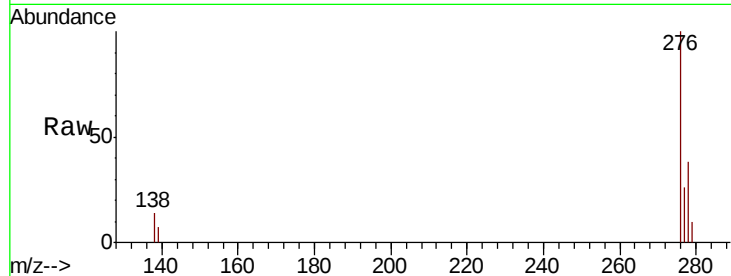
Tgt Ion:276 Resp: 16060

Ion Ratio Lower Upper

276 100

138 5.9 10.1 15.1#

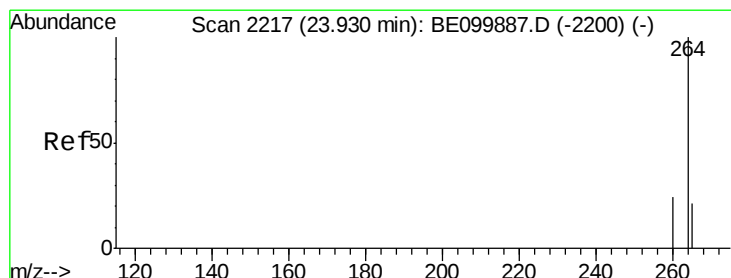
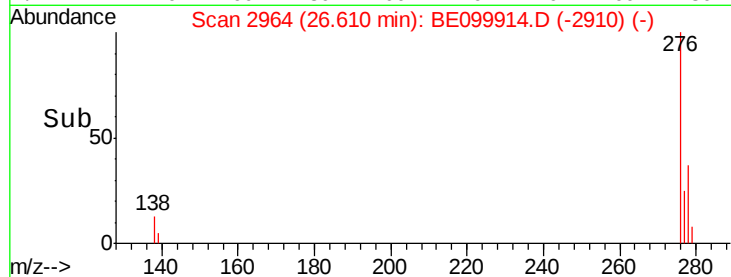
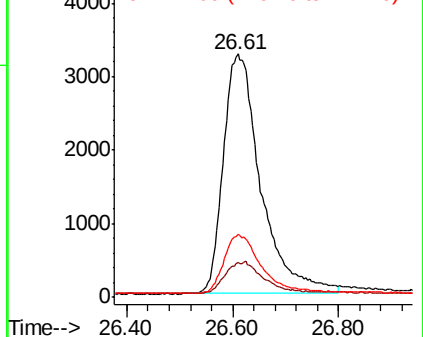
277 24.2 19.1 28.7



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: BE099914.D

Acq: 11 Jun 2019 9:06

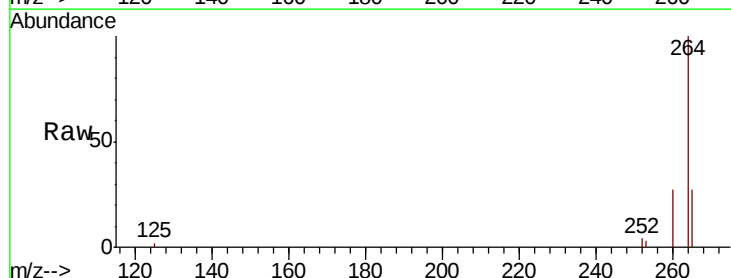
Tgt Ion:264 Resp: 12873

Ion Ratio Lower Upper

264 100

260 26.6 20.2 30.2

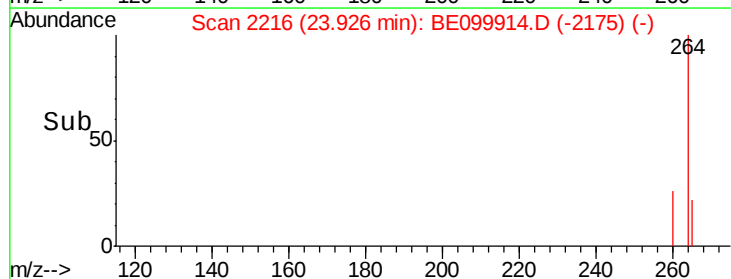
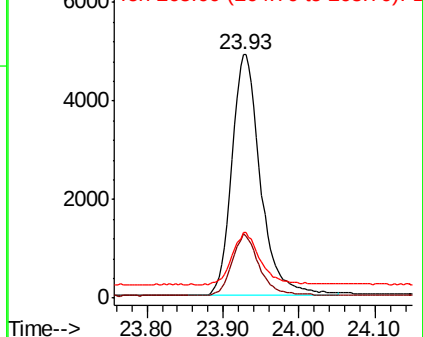
265 27.2 22.0 33.0



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

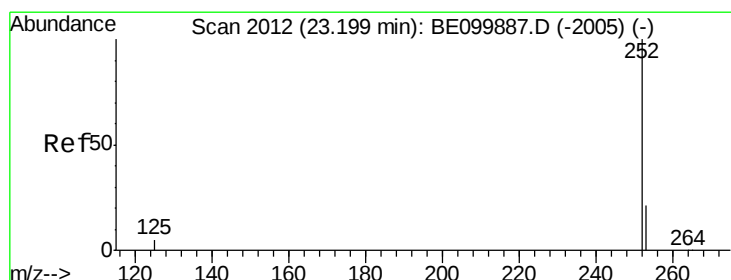
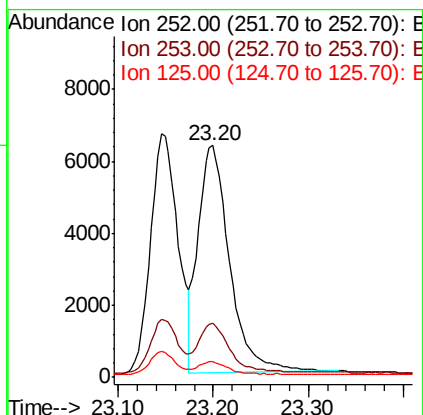
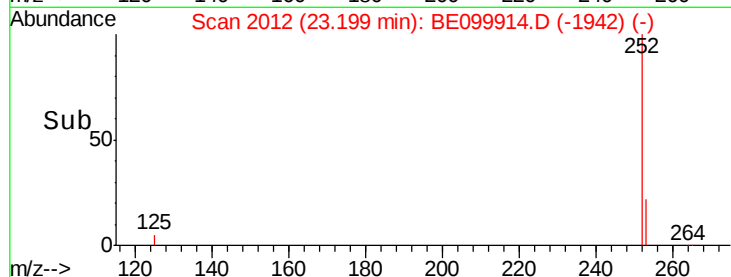
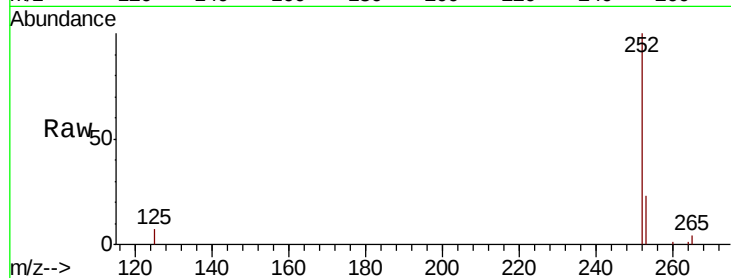




#35
Benzo(b)fluoranthene
Concen: 0.405 ng
RT: 23.20 min Scan# 2012
Delta R.T. 0.05 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

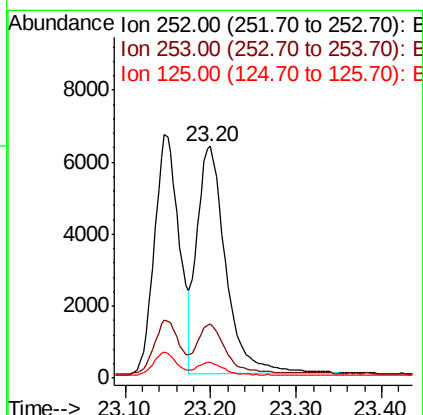
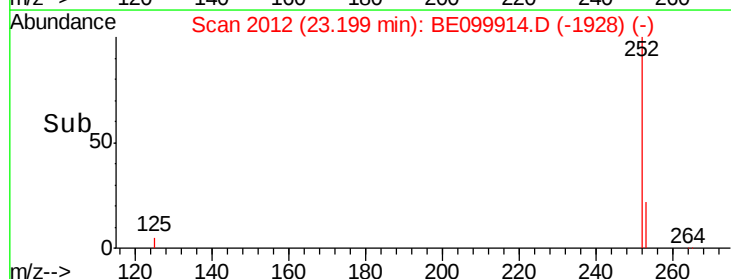
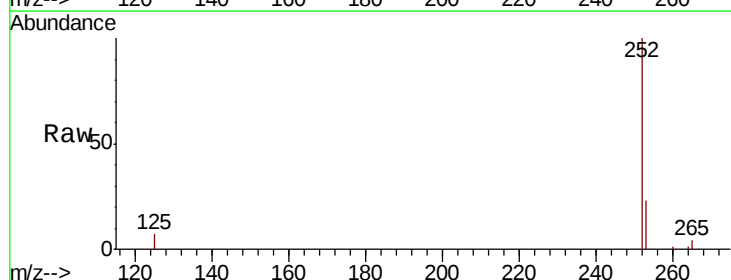
Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:252 Resp: 14592
Ion Ratio Lower Upper
252 100
253 23.2 18.7 28.1
125 6.7 5.7 8.5



#36
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 23.20 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:252 Resp: 14785
Ion Ratio Lower Upper
252 100
253 23.2 18.6 28.0
125 6.7 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.379 ng

RT: 23.81 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

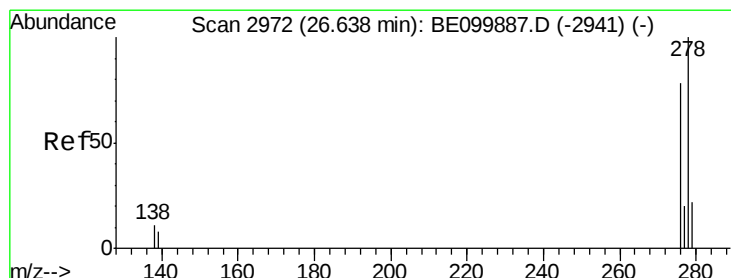
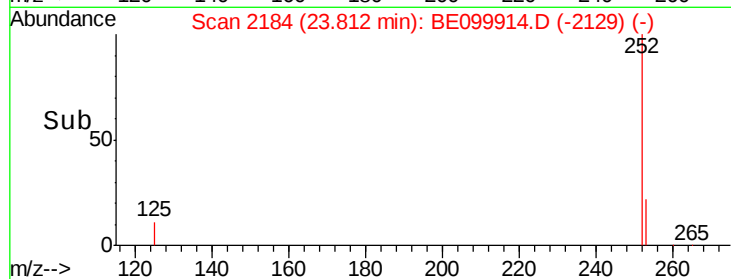
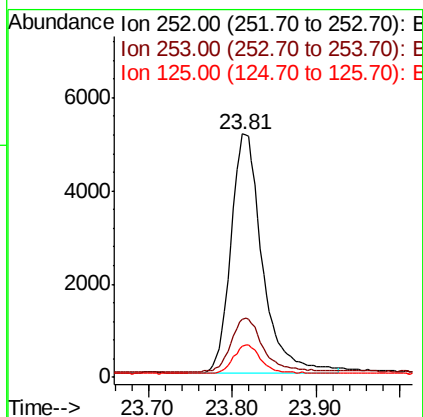
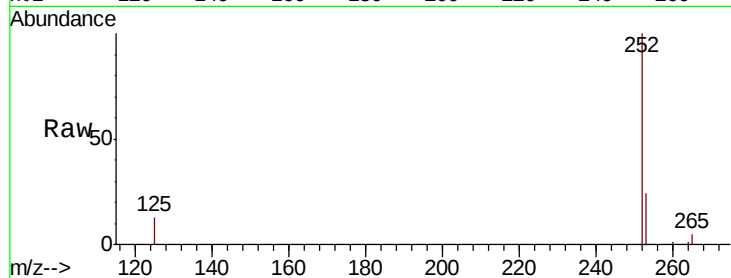
Instrument :

BNA_E

ClientSampleId :

PB120391BS

Tgt Ion:	252	Resp:	13475
Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.6	29.4
125	12.7	6.6	10.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.355 ng

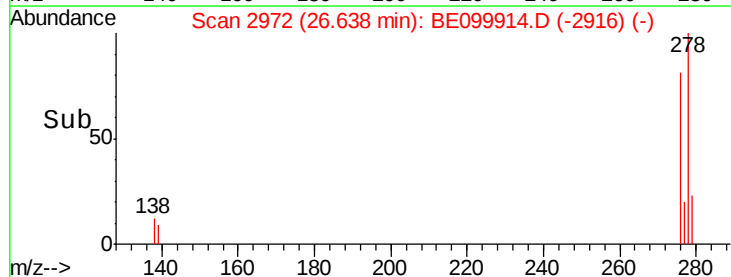
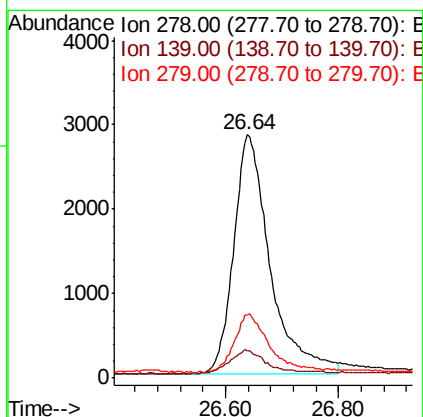
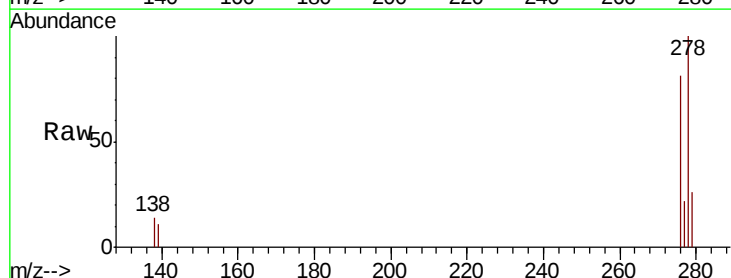
RT: 26.64 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BE099914.D

Acq: 11 Jun 2019 9:06

Tgt Ion:	278	Resp:	12720
Ion	Ratio	Lower	Upper
278	100		
139	11.0	7.8	11.8
279	25.9	20.0	30.0





#39

Benzo(g,h,i)perylene

Concen: 0.370 ng

RT: 27.44 min Scan# 3196

Delta R.T. 0.00 min

Lab File: BE099914.D

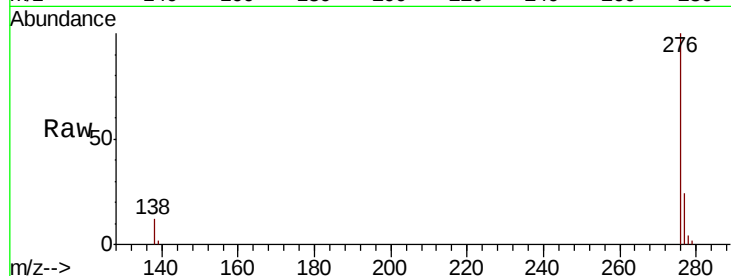
Acq: 11 Jun 2019 9:06

Instrument :

BNA_E

ClientSampleId :

PB120391BS



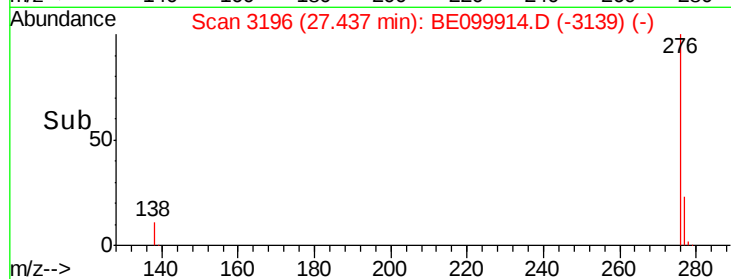
Tgt Ion: 276 Resp: 13698

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 12.3 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

