

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
 Data File : BE099817.D
 Acq On : 6 Jun 2019 11:07
 Operator : JU/SJ
 Sample : PB120350BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120350BS

Quant Time: Jun 07 02:04:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 14:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1052	0.40	ng	0.01
7) Naphthalene-d8	10.63	136	3362	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	2148	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	7231	0.40	ng	0.00
27) Chrysene-d12	21.41	240	14259	0.40	ng	0.00
34) Perylene-d12	23.95	264	15862	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	800	0.31	ng	0.02
5) Phenol-d6	6.99	99	954	0.29	ng	0.02
8) Nitrobenzene-d5	8.99	82	924	0.31	ng	0.02
11) 2-Methylnaphthalene-d10	12.22	152	2297	0.40	ng	0.01
14) 2,4,6-Tribromophenol	16.00	330	333	0.34	ng	0.02
15) 2-Fluorobiphenyl	13.12	172	2765	0.35	ng	0.01
25) Fluoranthene-d10	19.26	212	38885	0.36	ng	0.00
29) Terphenyl-d14	19.87	244	8644	0.37	ng	0.01

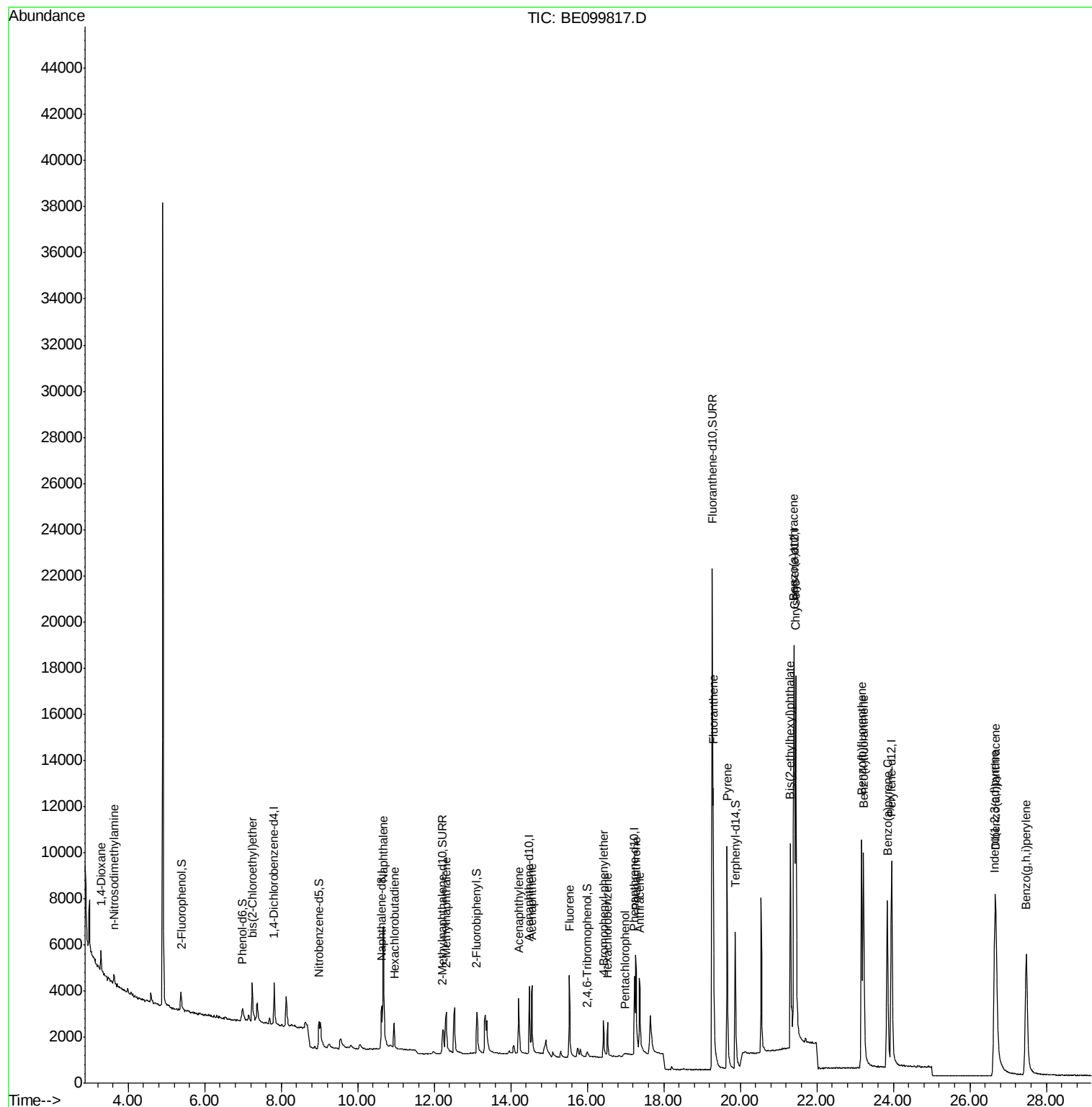
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	590	0.387	ng	# 68
3) n-Nitrosodimethylamine	3.62	42	270	0.334	ng	# 78
6) bis(2-Chloroethyl)ether	7.24	93	994	0.344	ng	87
9) Naphthalene	10.68	128	12612	0.351	ng	99
10) Hexachlorobutadiene	10.95	225	950	0.347	ng	99
12) 2-Methylnaphthalene	12.31	142	1896	0.331	ng	92
16) Acenaphthylene	14.21	152	3548	0.342	ng	98
17) Acenaphthene	14.56	154	1975	0.348	ng	98
18) Fluorene	15.53	166	2798	0.335	ng	99
20) 4-Bromophenyl-phenylether	16.43	248	1336	0.331	ng	92
21) Hexachlorobenzene	16.53	284	1390	0.314	ng	97
22) Pentachlorophenol	16.99	266	162	0.391	ng	88
23) Phenanthrene	17.27	178	5876	0.341	ng	98
24) Anthracene	17.36	178	4982	0.319	ng	97
26) Fluoranthene	19.29	202	11561	0.382	ng	100
28) Pyrene	19.65	202	12174	0.353	ng	100
30) Benzo(a)anthracene	21.40	228	14891	0.378	ng	99
31) Chrysene	21.45	228	17137	0.394	ng	98
32) Bis(2-ethylhexyl)phthalate	21.30	149	13315	0.294	ng	99
33) Indeno(1,2,3-cd)pyrene	26.65	276	18180	0.349	ng	# 93
35) Benzo(b)fluoranthene	23.17	252	14967	0.341	ng	# 97
36) Benzo(k)fluoranthene	23.22	252	17925	0.385	ng	100
37) Benzo(a)pyrene	23.84	252	15756	0.370	ng	# 95
38) Dibenzo(a,h)anthracene	26.68	278	14697	0.339	ng	98
39) Benzo(g,h,i)perylene	27.47	276	16499	0.363	ng	98

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

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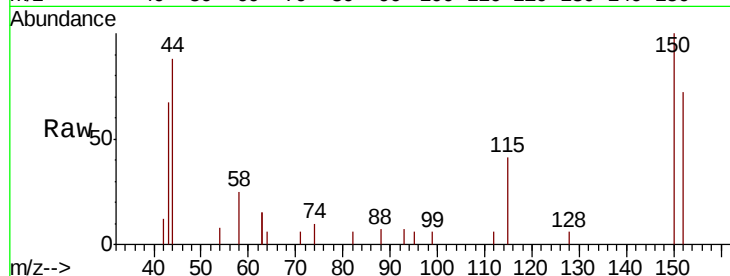


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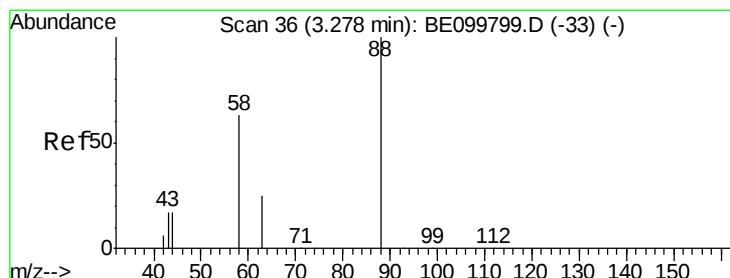
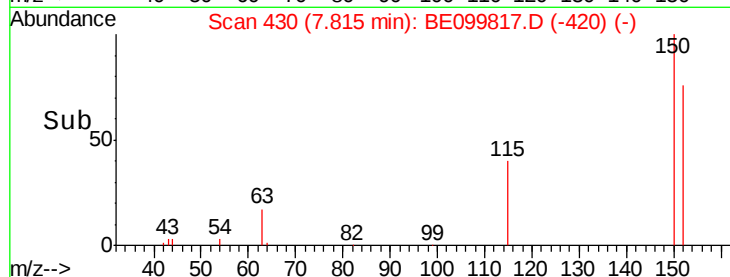
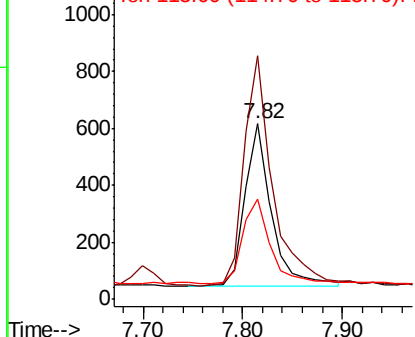
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.01 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Instrument :
BNA_E
ClientSampleId :
PB120350BS

Tgt Ion:152 Resp: 1052
Ion Ratio Lower Upper
152 100
150 139.0 112.8 169.2
115 57.4 47.6 71.4



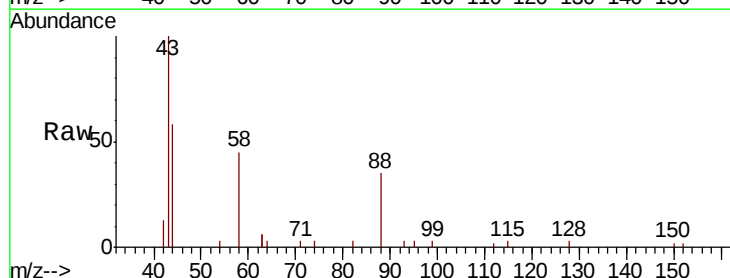
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



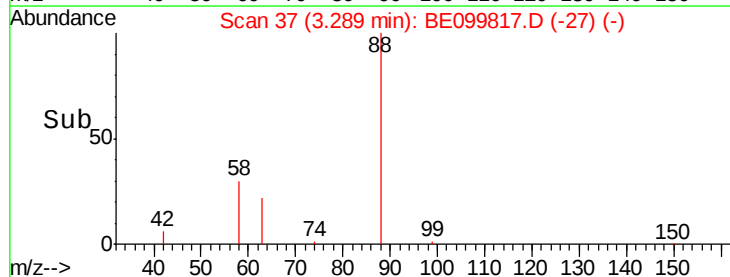
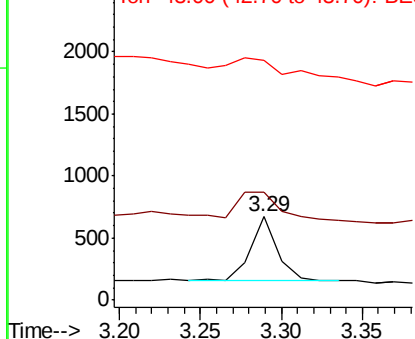
#2

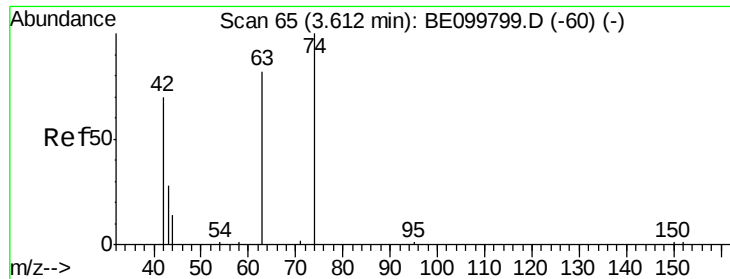
1,4-Dioxane
Concen: 0.387 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.01 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Tgt Ion: 88 Resp: 590
Ion Ratio Lower Upper
88 100
58 74.4 47.3 70.9#
43 52.2 18.2 27.4#



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: 0.334 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

ClientSampleId :

PB120350BS

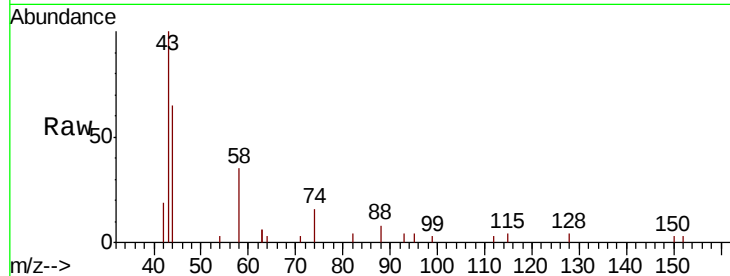
Tgt Ion: 42 Resp: 270

Ion Ratio Lower Upper

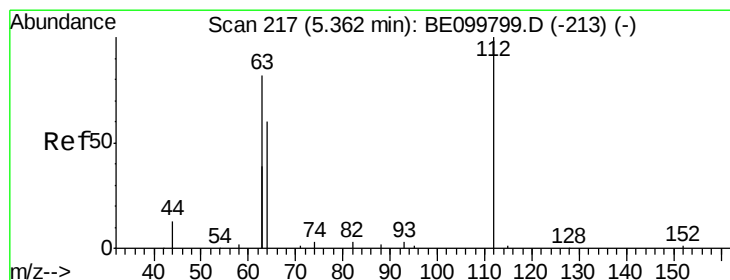
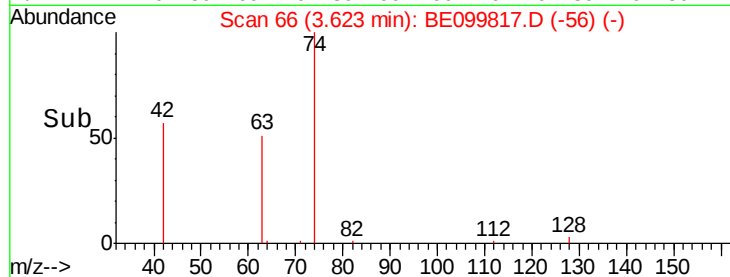
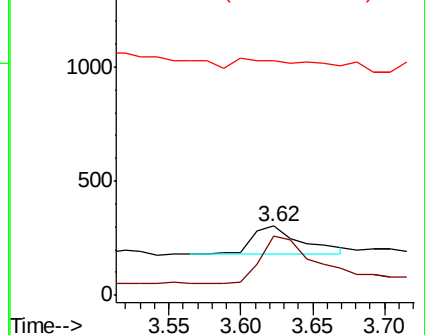
42 100

74 192.6 132.6 198.8

44 0.0 13.4 20.0#



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: 0.312 ng

RT: 5.38 min Scan# 219

Delta R.T. 0.02 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

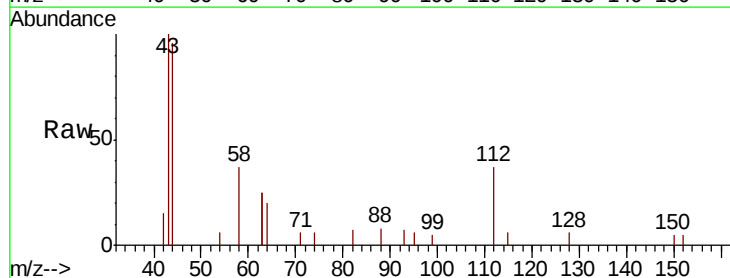
Tgt Ion: 112 Resp: 800

Ion Ratio Lower Upper

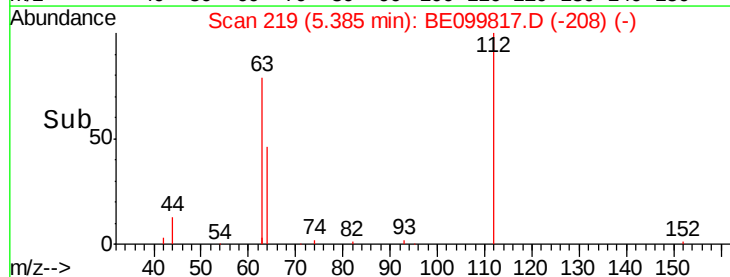
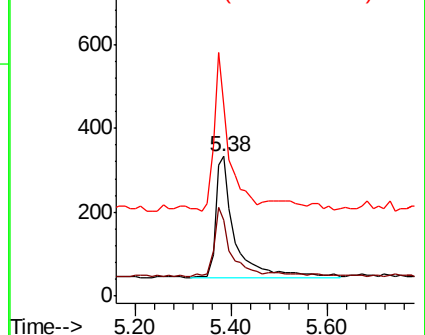
112 100

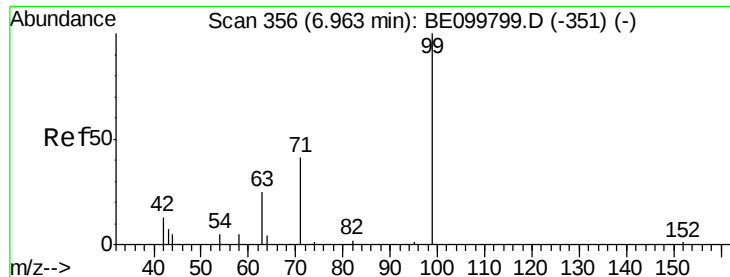
64 46.9 47.2 70.8#

63 100.5 90.7 136.1



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: 0.290 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

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PB120350BS

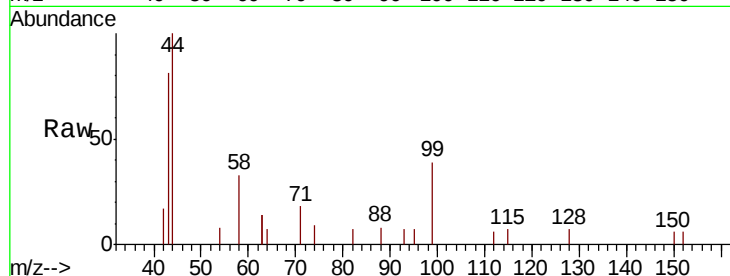
Tgt Ion: 99 Resp: 954

Ion Ratio Lower Upper

99 100

42 16.1 11.0 16.4

71 36.9 26.1 39.1



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

6.99

300

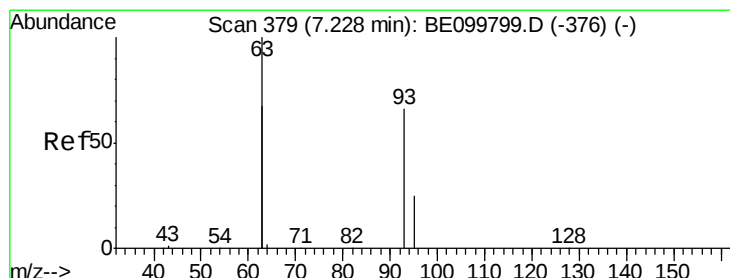
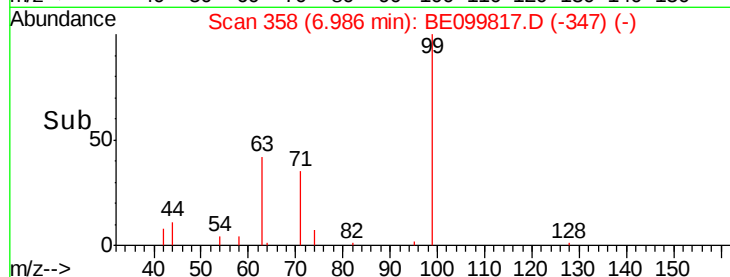
200

100

0

6.80 7.00 7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.344 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

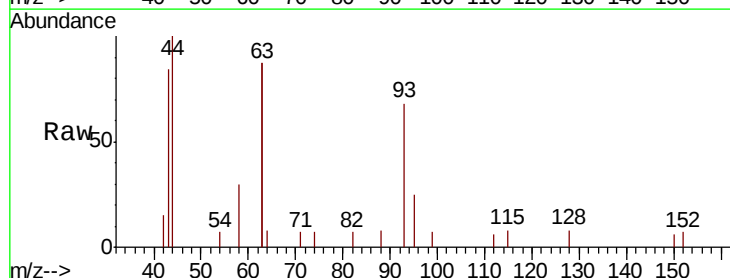
Tgt Ion: 93 Resp: 994

Ion Ratio Lower Upper

93 100

63 235.4 208.8 313.2

95 34.0 27.6 41.4



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

7.24

1500

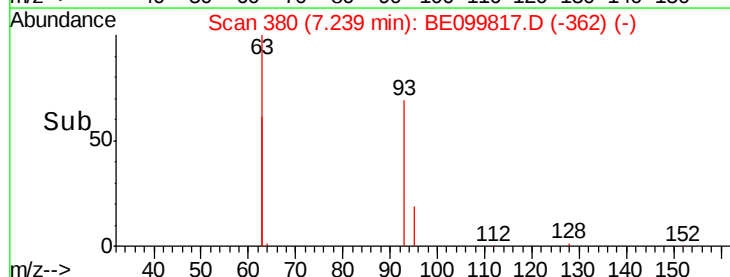
1000

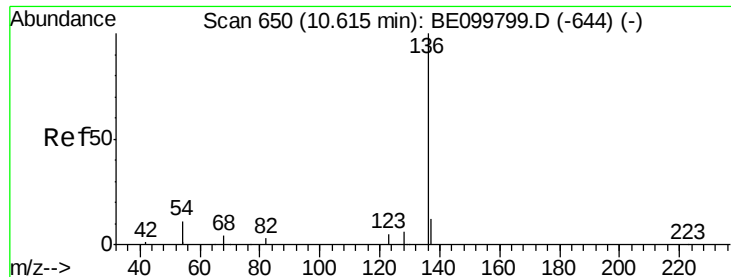
500

0

7.20 7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

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ClientSampleId :

PB120350BS

Tgt Ion:136 Resp: 3362

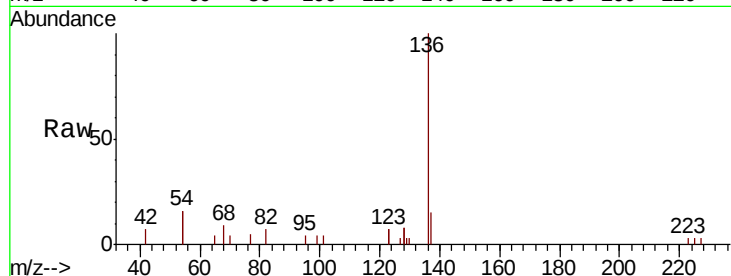
Ion Ratio Lower Upper

136 100

137 14.9 11.1 16.7

54 31.3 17.9 26.9#

68 8.7 5.4 8.0#

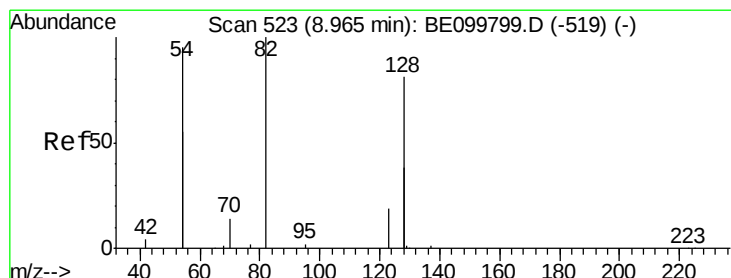
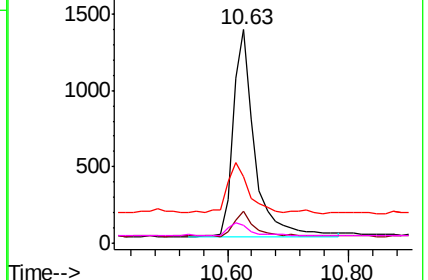
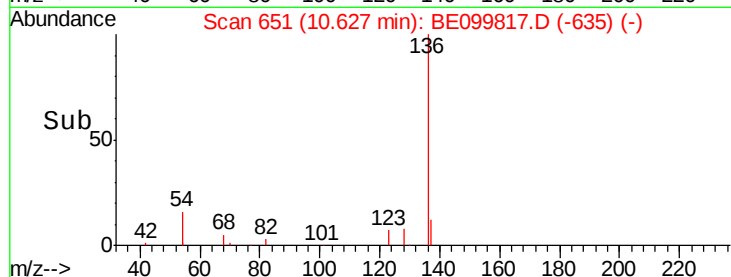


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.313 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.02 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

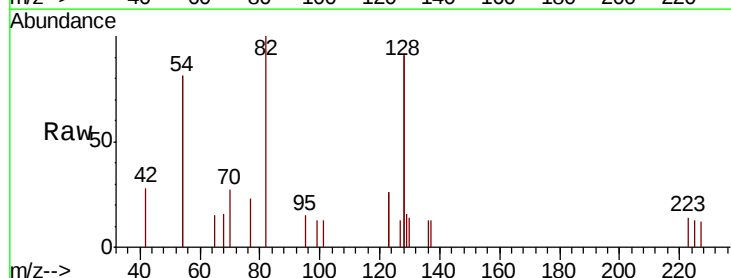
Tgt Ion: 82 Resp: 924

Ion Ratio Lower Upper

82 100

128 181.5 116.6 175.0#

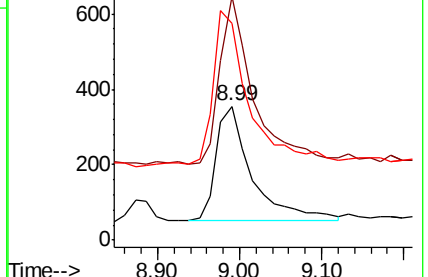
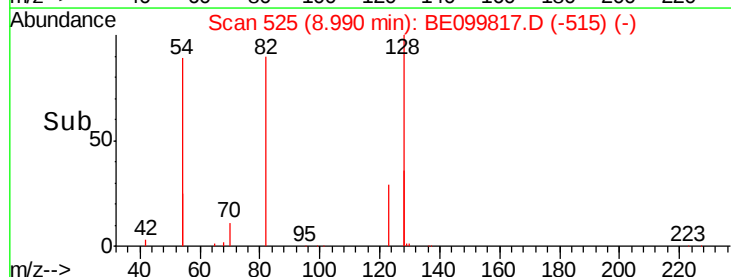
54 161.2 136.2 204.4

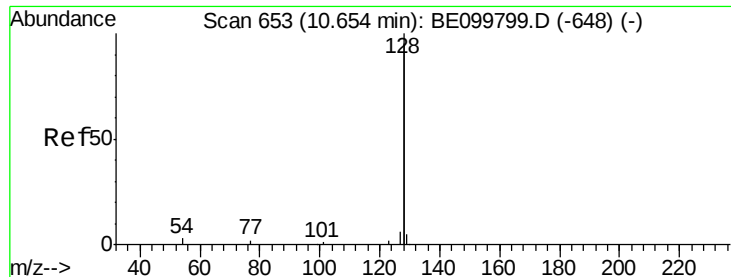


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 10.68 min Scan# 655

Delta R.T. 0.02 min

Lab File: BE099817.D

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ClientSampleId :

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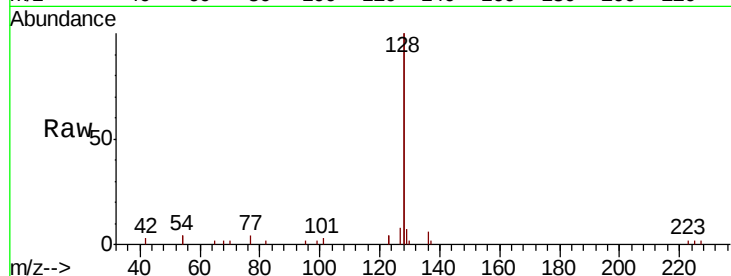
Tgt Ion:128 Resp: 12612

Ion Ratio Lower Upper

128 100

129 3.6 2.6 4.0

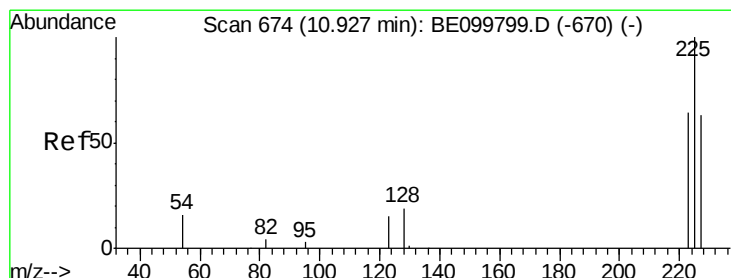
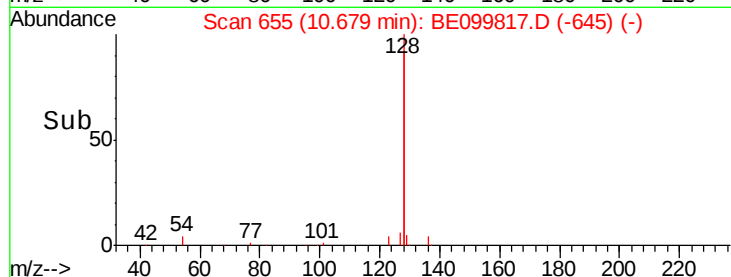
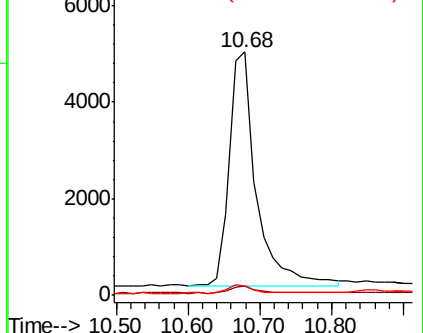
127 4.0 3.0 4.6



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: 0.347 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.02 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

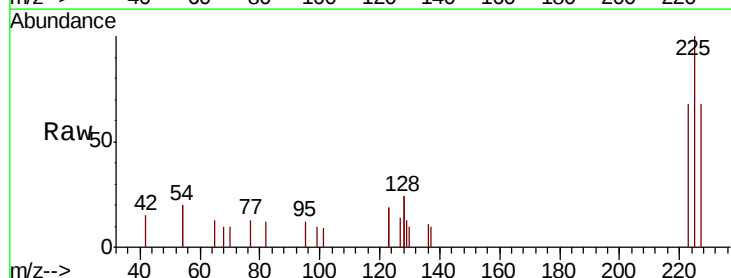
Tgt Ion:225 Resp: 950

Ion Ratio Lower Upper

225 100

223 62.9 48.6 72.8

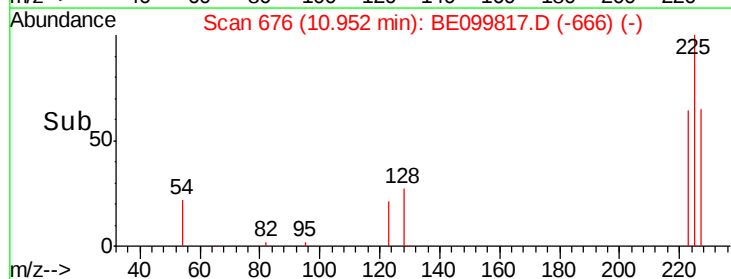
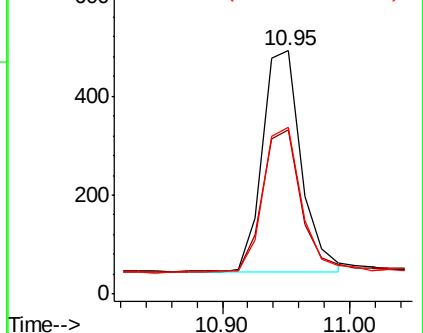
227 64.4 51.6 77.4

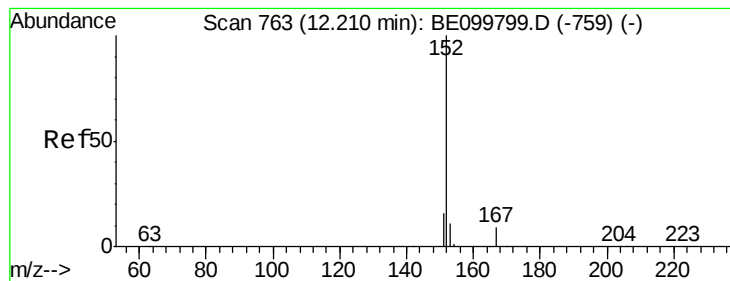


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.398 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

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ClientSampleId :

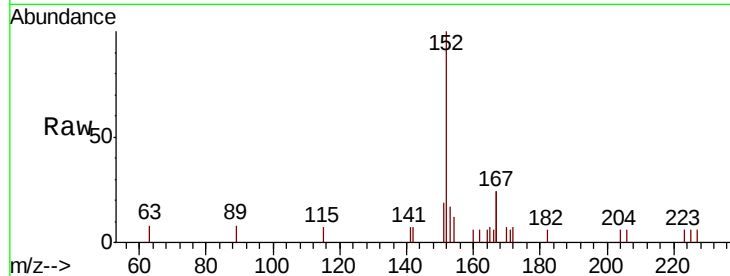
PB120350BS

Tgt Ion:152 Resp: 2297

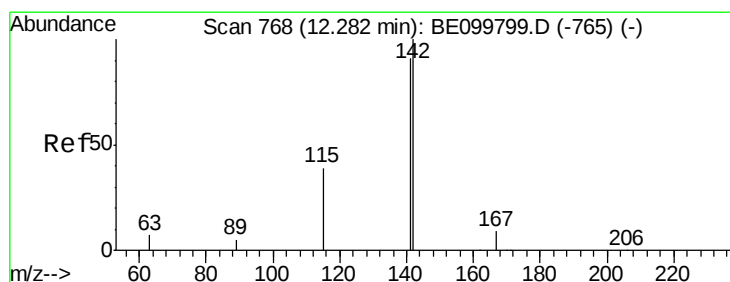
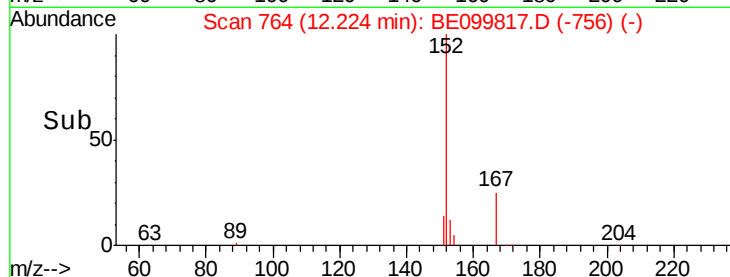
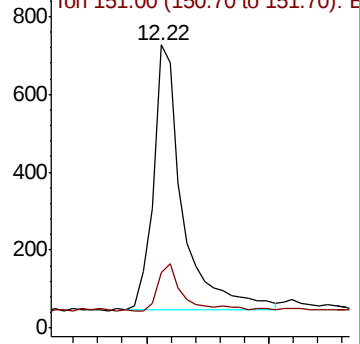
Ion Ratio Lower Upper

152 100

151 15.1 15.8 23.8#



Abundance Ion 152.00 (151.70 to 152.70): E



#12

2-Methylnaphthalene

Concen: 0.331 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.03 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

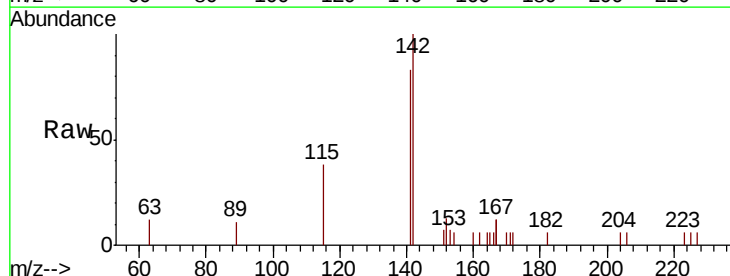
Tgt Ion:142 Resp: 1896

Ion Ratio Lower Upper

142 100

141 82.9 73.3 109.9

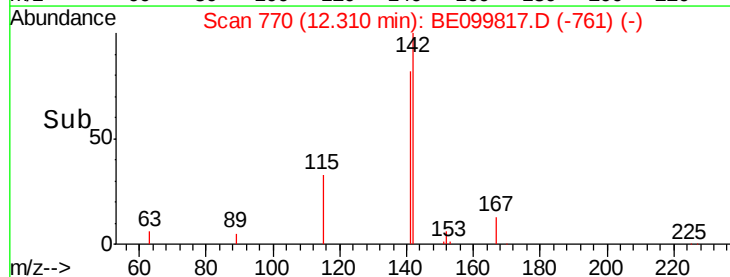
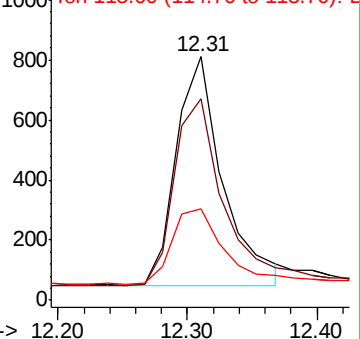
115 37.7 33.4 50.2

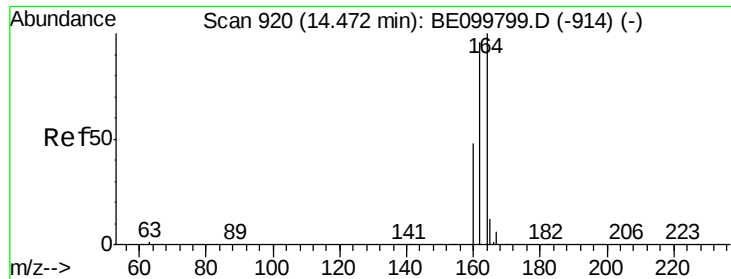


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

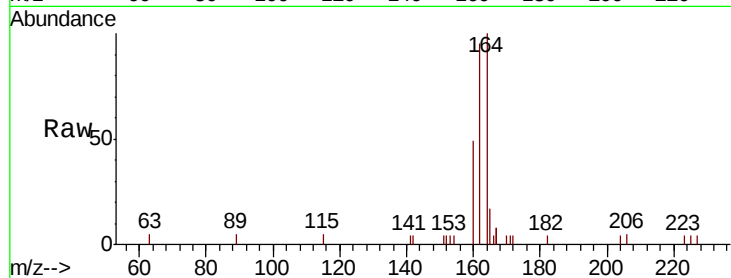




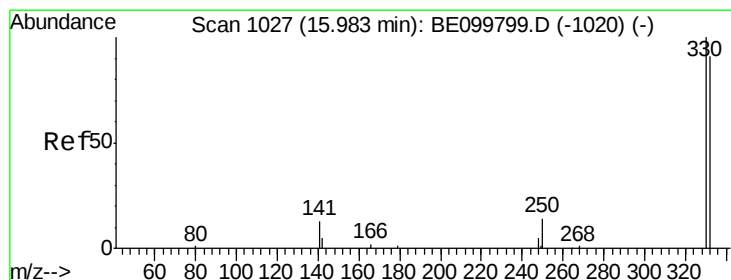
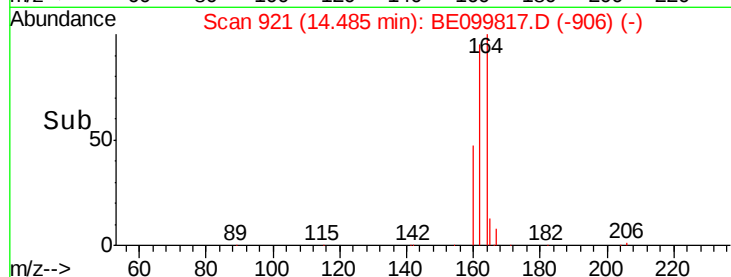
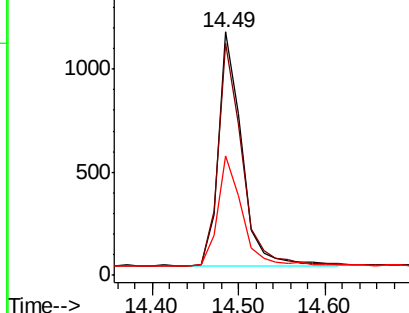
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BE099817.D
 Acq: 6 Jun 2019 11:07

Instrument :
 BNA_E
 ClientSampleId :
 PB120350BS

Tgt Ion:164 Resp: 2148
 Ion Ratio Lower Upper
 164 100
 162 95.4 77.2 115.8
 160 49.2 39.4 59.2

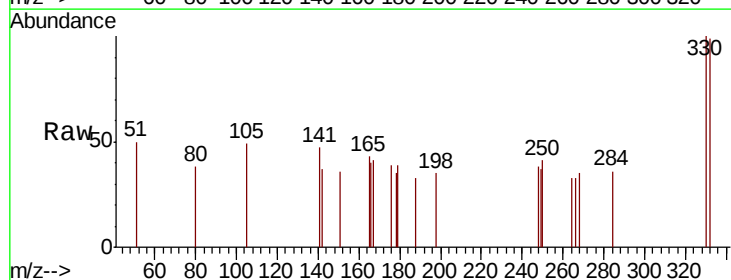


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

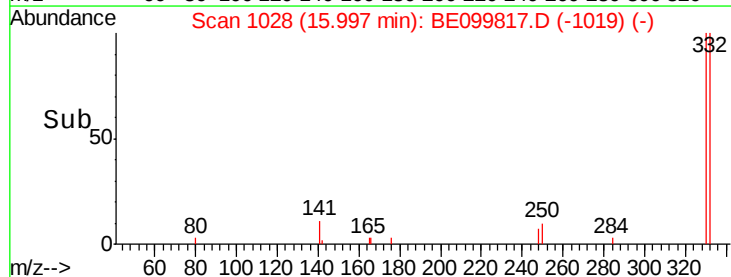
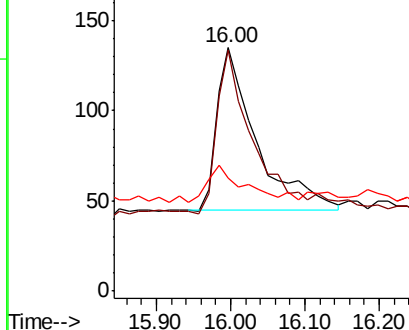


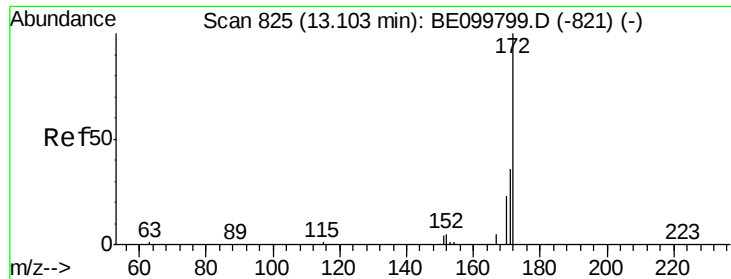
#14
 2,4,6-Tribromophenol
 Concen: 0.340 ng
 RT: 16.00 min Scan# 1028
 Delta R.T. 0.02 min
 Lab File: BE099817.D
 Acq: 6 Jun 2019 11:07

Tgt Ion:330 Resp: 333
 Ion Ratio Lower Upper
 330 100
 332 100.6 74.9 112.3
 141 20.7 16.0 24.0



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

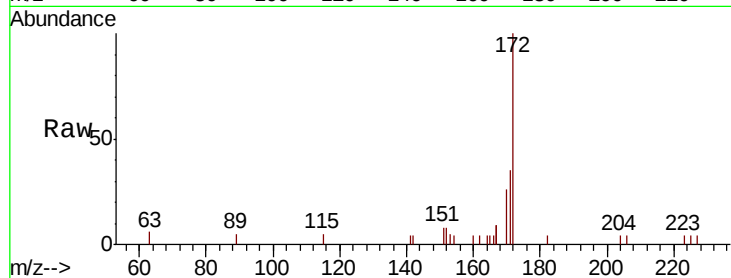




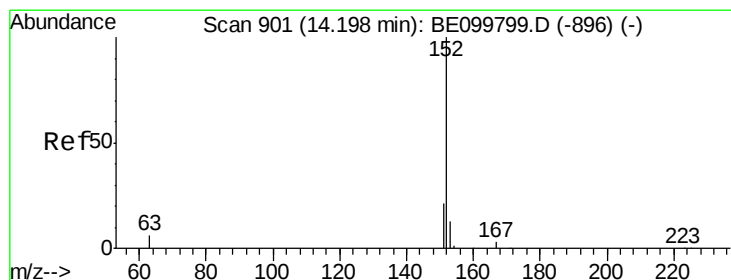
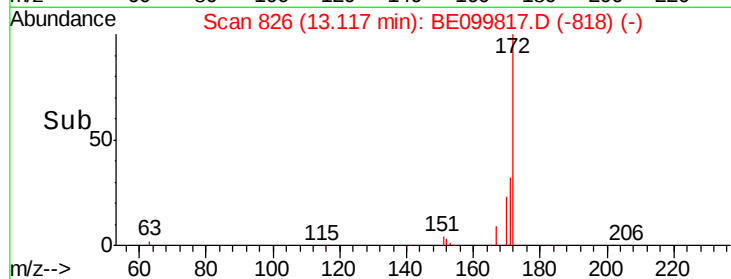
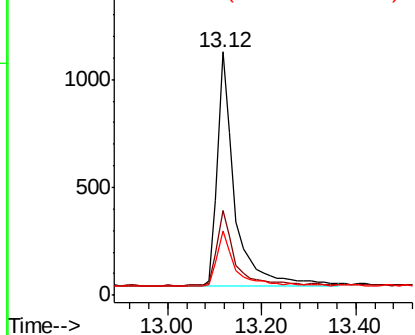
#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Instrument :
BNA_E
ClientSampleId :
PB120350BS

Tgt Ion:172 Resp: 2765
Ion Ratio Lower Upper
172 100
171 34.8 30.2 45.4
170 26.3 20.1 30.1

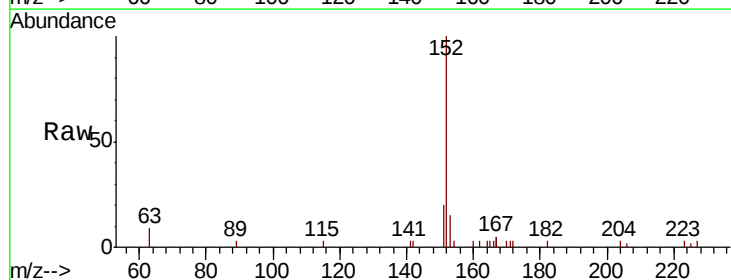


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

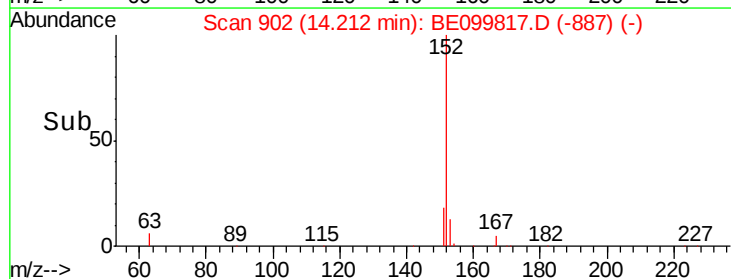
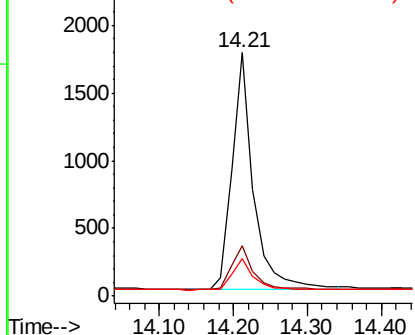


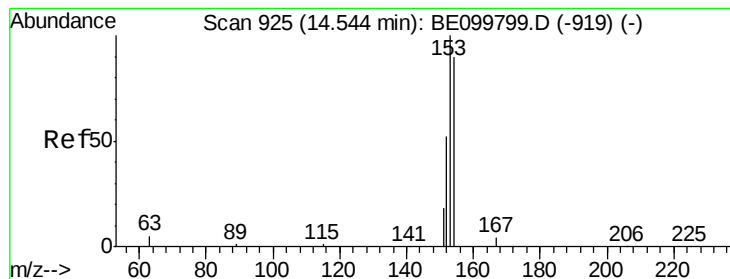
#16
Acenaphthylene
Concen: 0.342 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Tgt Ion:152 Resp: 3548
Ion Ratio Lower Upper
152 100
151 18.8 15.9 23.9
153 13.9 10.8 16.2



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: 0.348 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

ClientSampleId :

PB120350BS

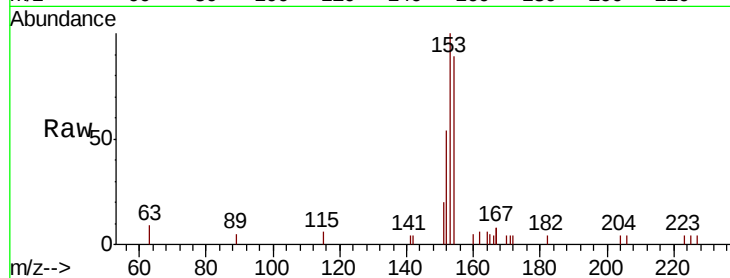
Tgt Ion:154 Resp: 1975

Ion Ratio Lower Upper

154 100

153 113.8 93.8 140.6

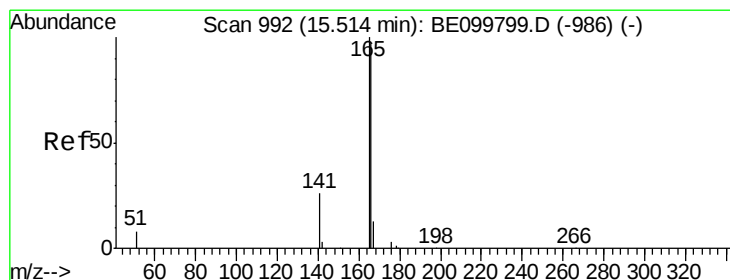
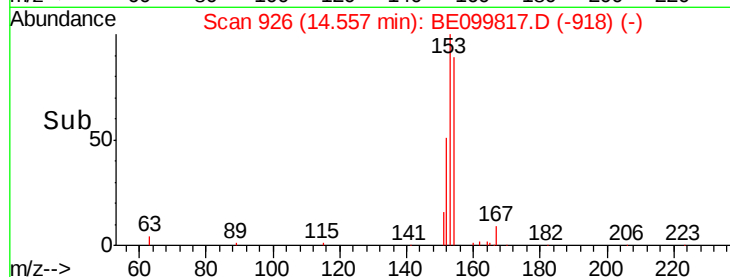
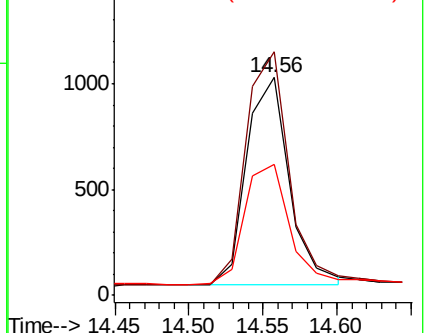
152 60.7 48.3 72.5



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: 0.335 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

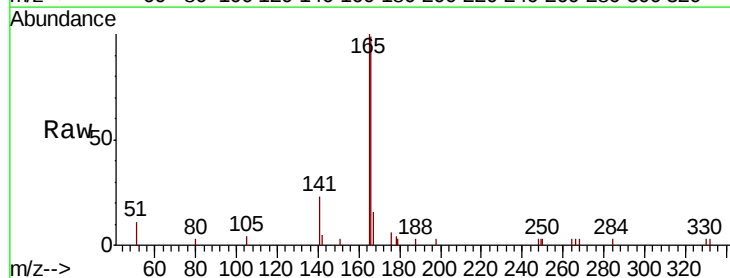
Tgt Ion:166 Resp: 2798

Ion Ratio Lower Upper

166 100

165 101.8 80.4 120.6

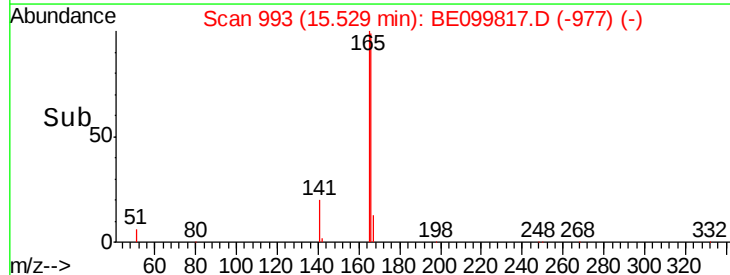
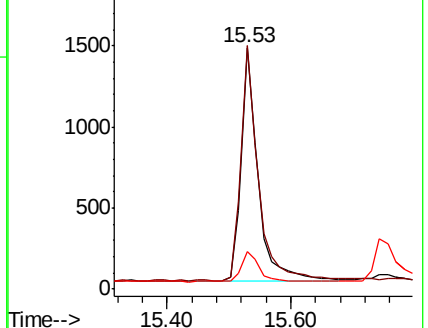
167 13.9 10.7 16.1

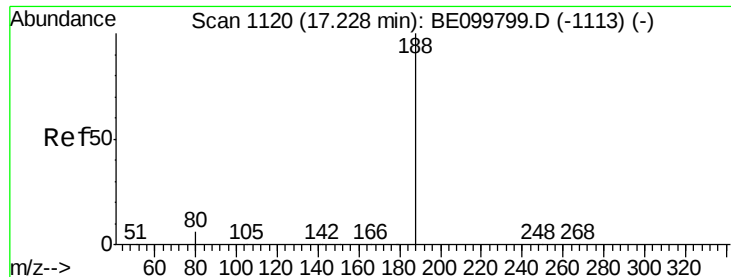


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

ClientSampleId :

PB120350BS

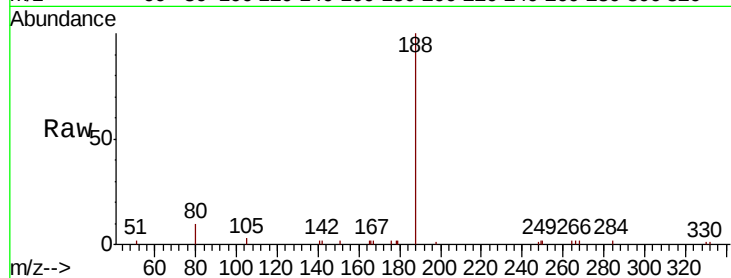
Tgt Ion:188 Resp: 7231

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

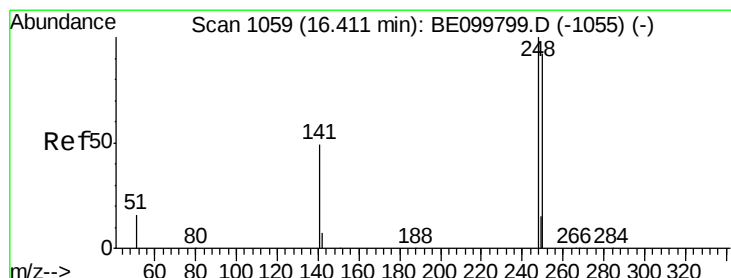
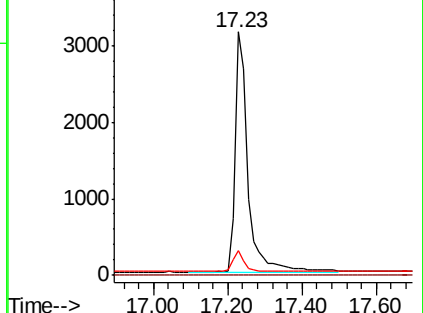
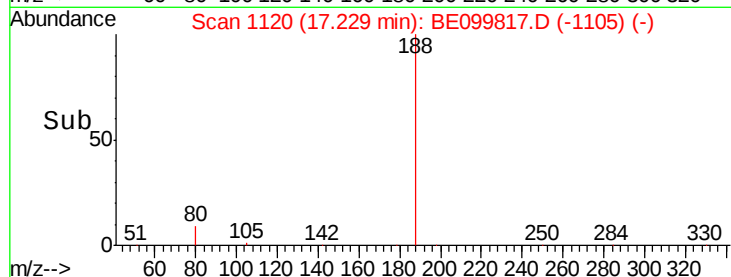
80 10.1 5.2 7.8#



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: 0.331 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

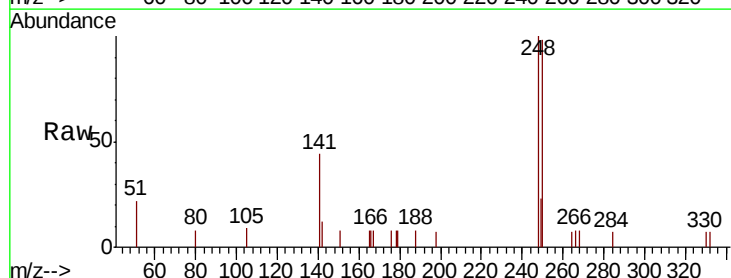
Tgt Ion:248 Resp: 1336

Ion Ratio Lower Upper

248 100

250 98.2 73.7 110.5

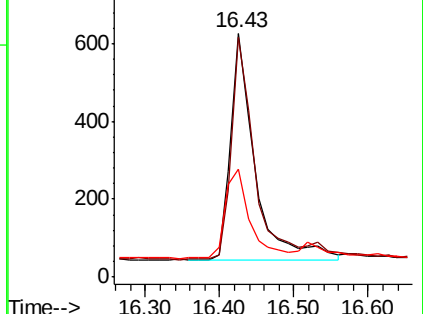
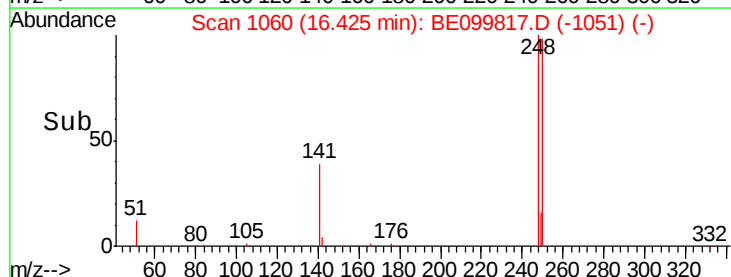
141 44.4 40.9 61.3

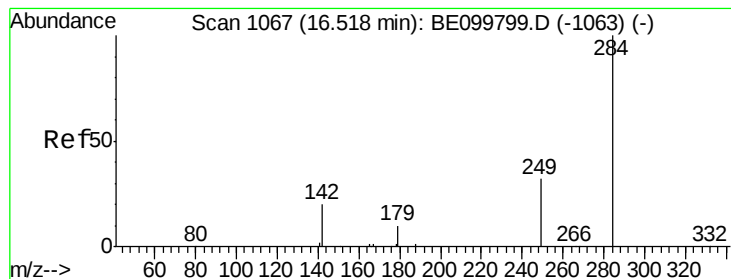


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.314 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

ClientSampleId :

PB120350BS

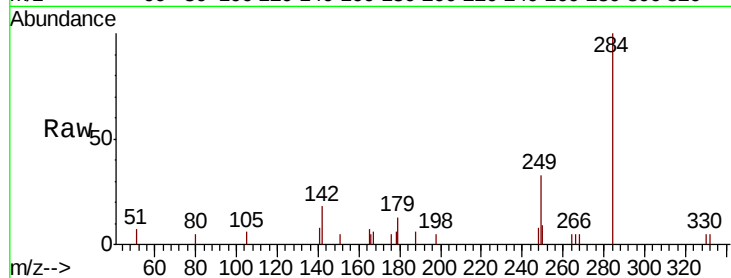
Tgt Ion:284 Resp: 1390

Ion Ratio Lower Upper

284 100

142 20.9 16.2 24.4

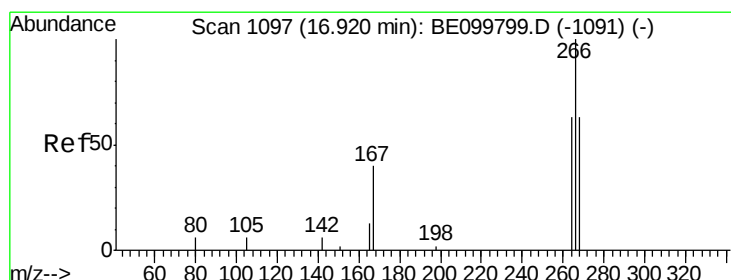
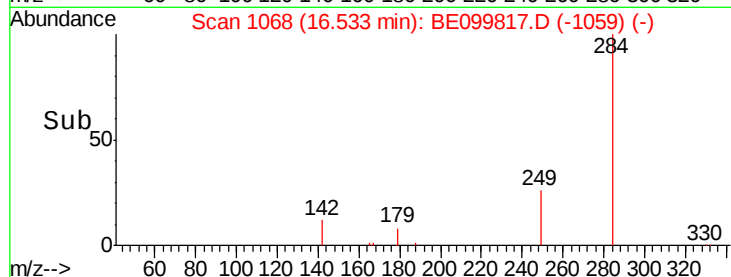
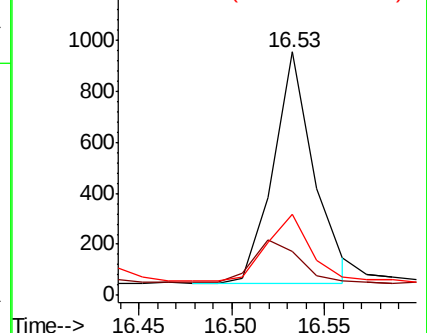
249 30.7 23.1 34.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.391 ng

RT: 16.99 min Scan# 1102

Delta R.T. 0.07 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

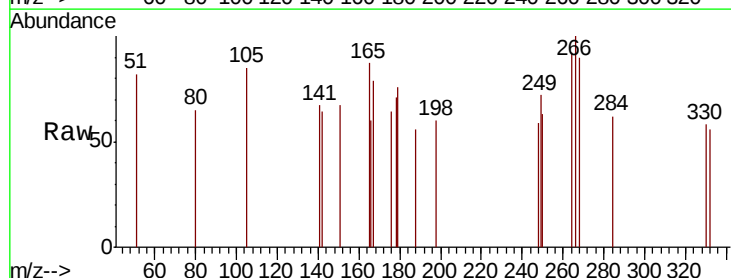
Tgt Ion:266 Resp: 162

Ion Ratio Lower Upper

266 100

264 92.3 64.9 97.3

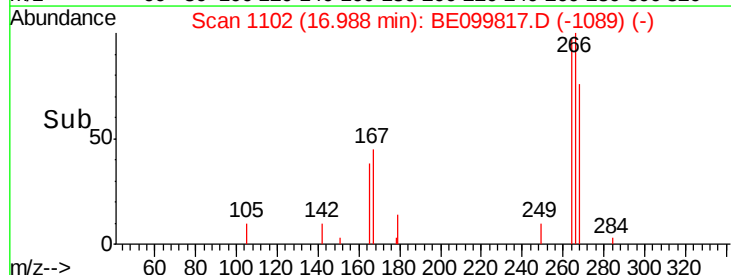
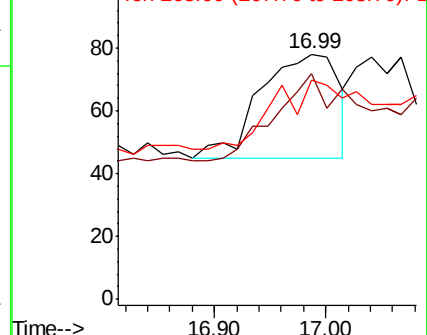
268 89.7 64.0 96.0

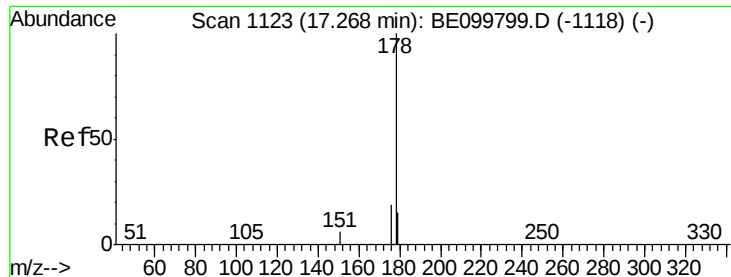


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

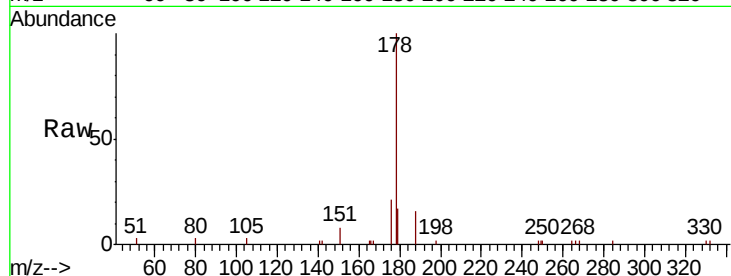




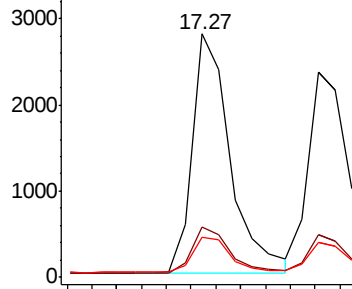
#23
Phenanthrene
Concen: 0.341 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Instrument :
BNA_E
ClientSampleId :
PB120350BS

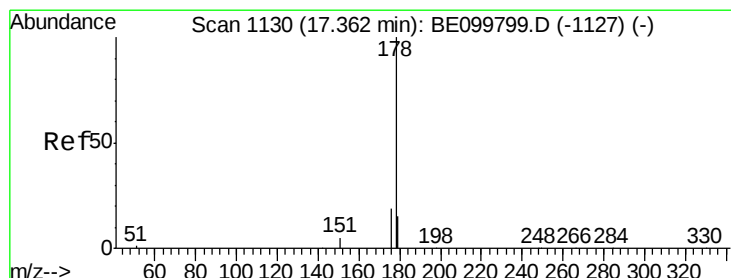
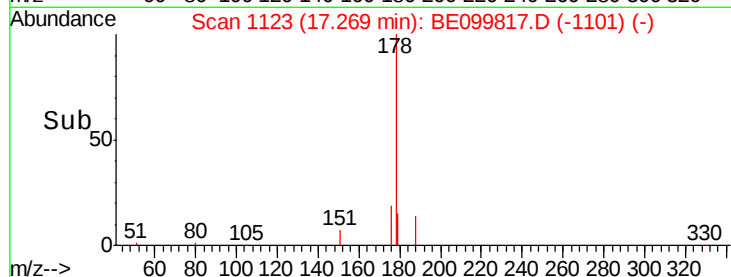
Tgt Ion:178 Resp: 5876
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 16.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

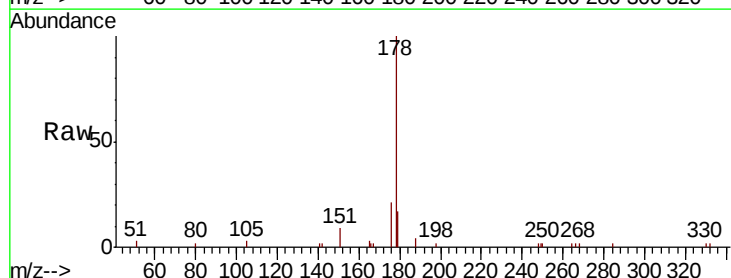


Time-->

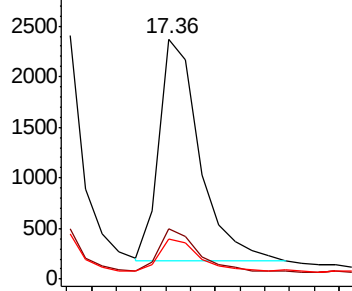


#24
Anthracene
Concen: 0.319 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

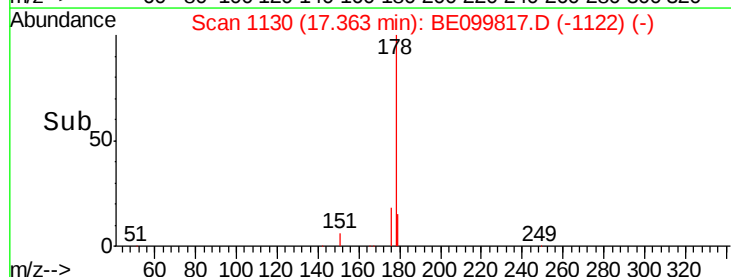
Tgt Ion:178 Resp: 4982
Ion Ratio Lower Upper
178 100
176 17.6 15.1 22.7
179 13.9 12.1 18.1

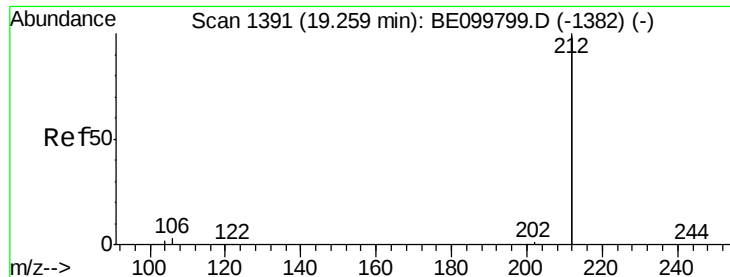


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->

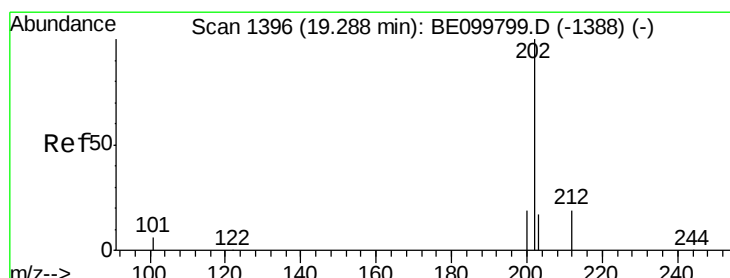
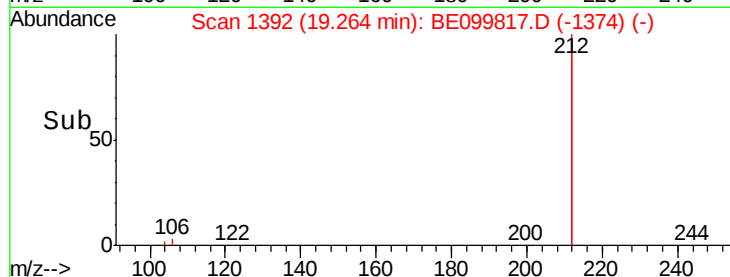
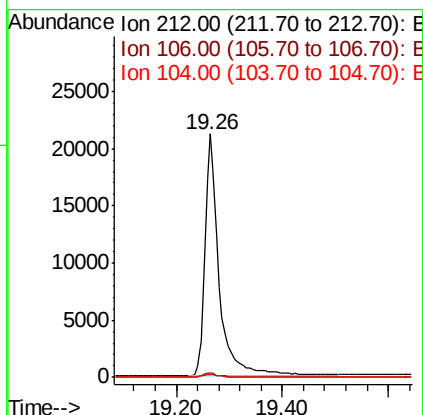
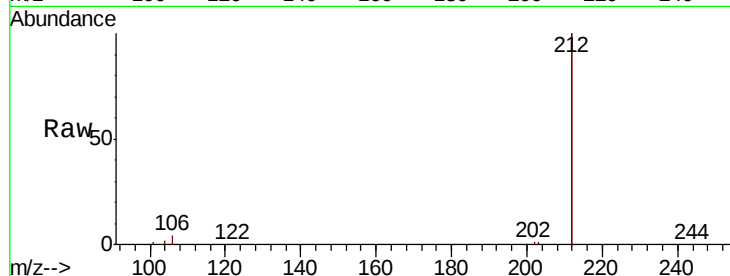




#25
 Fluoranthene-d10
 Concen: 0.362 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BE099817.D
 Acq: 6 Jun 2019 11:07

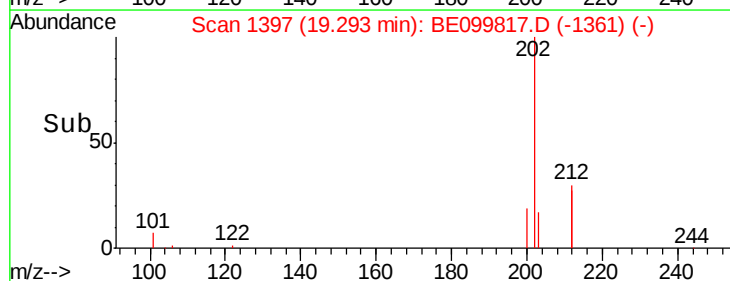
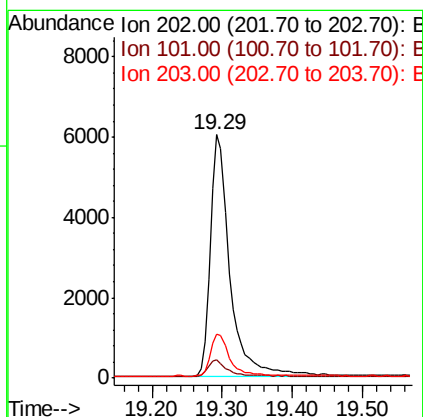
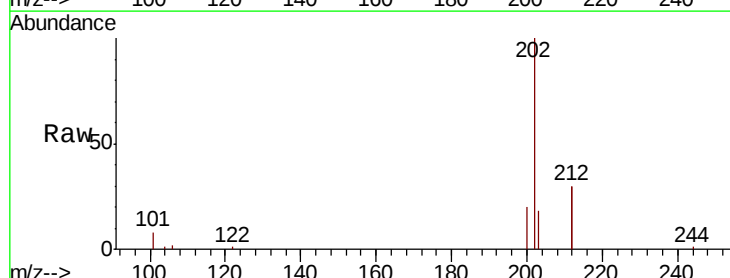
Instrument :
 BNA_E
 ClientSampleId :
 PB120350BS

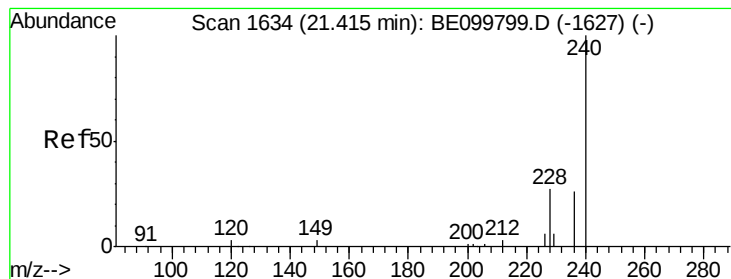
Tgt Ion: 212 Resp: 38885
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.4 2.0
 104 1.0 0.8 1.2



#26
 Fluoranthene
 Concen: 0.382 ng
 RT: 19.29 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BE099817.D
 Acq: 6 Jun 2019 11:07

Tgt Ion: 202 Resp: 11561
 Ion Ratio Lower Upper
 202 100
 101 6.5 5.2 7.8
 203 17.0 13.6 20.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

ClientSampleId :

PB120350BS

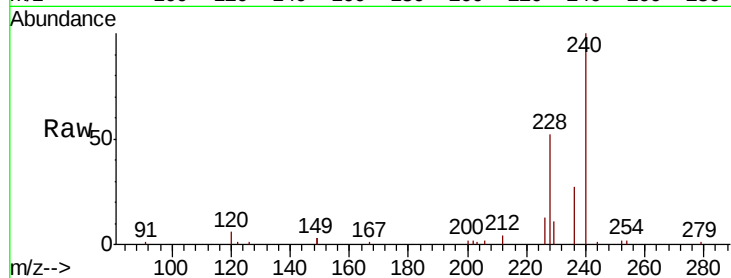
Tgt Ion:240 Resp: 14259

Ion Ratio Lower Upper

240 100

120 5.5 2.8 4.2#

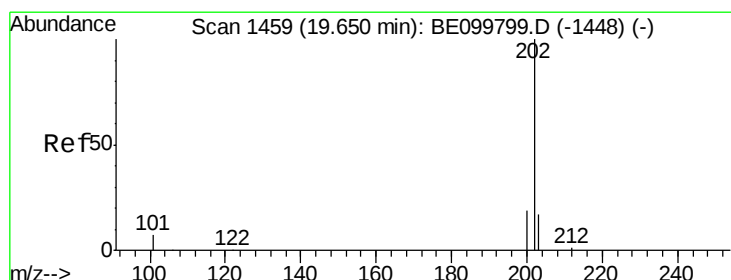
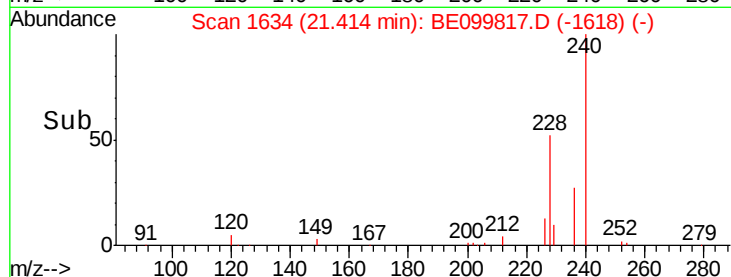
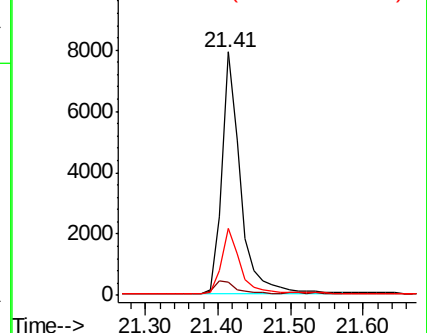
236 27.3 20.9 31.3



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: 0.353 ng

RT: 19.65 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

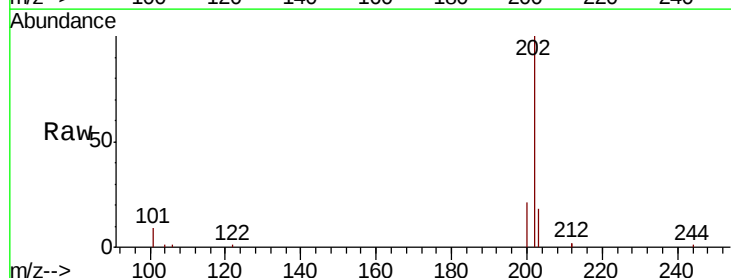
Tgt Ion:202 Resp: 12174

Ion Ratio Lower Upper

202 100

200 19.7 15.6 23.4

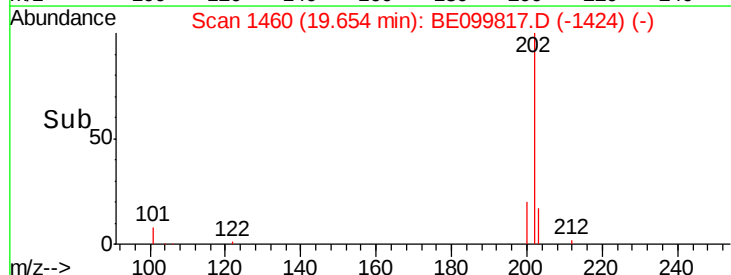
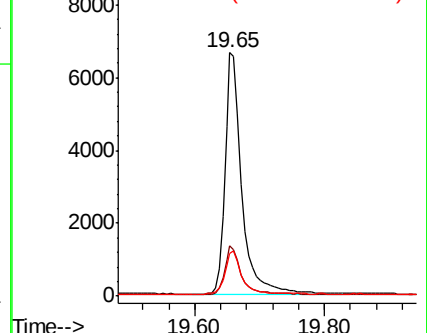
203 17.6 14.1 21.1

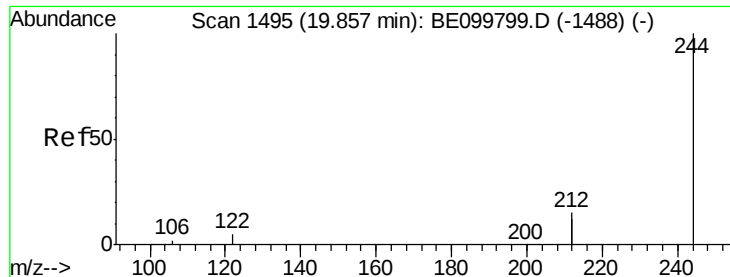


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.370 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

ClientSampleId :

PB120350BS

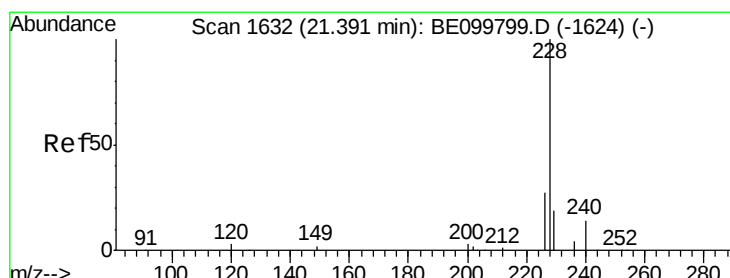
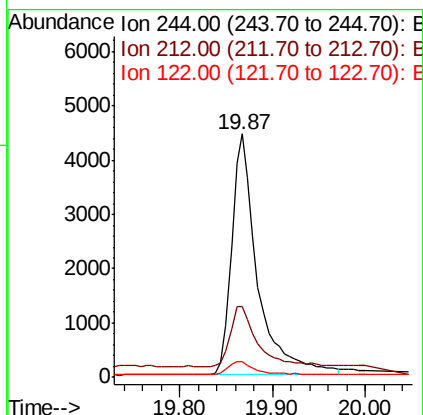
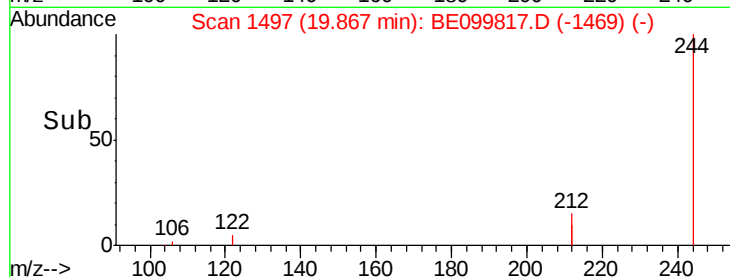
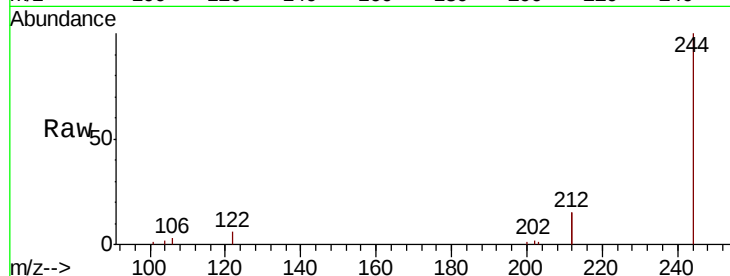
Tgt Ion:244 Resp: 8644

Ion Ratio Lower Upper

244 100

212 29.3 23.7 35.5

122 6.5 4.8 7.2



#30

Benzo(a)anthracene

Concen: 0.378 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

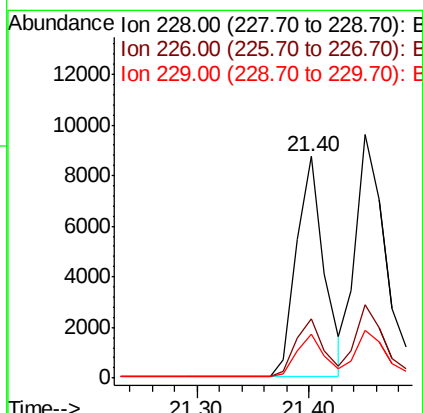
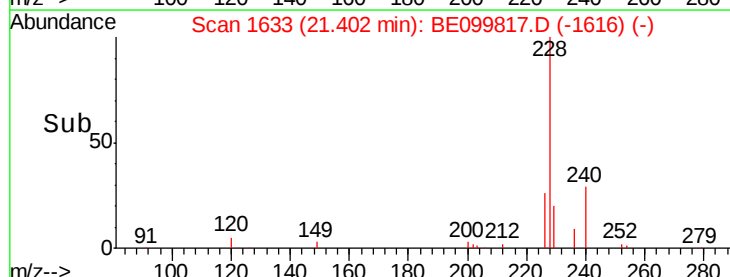
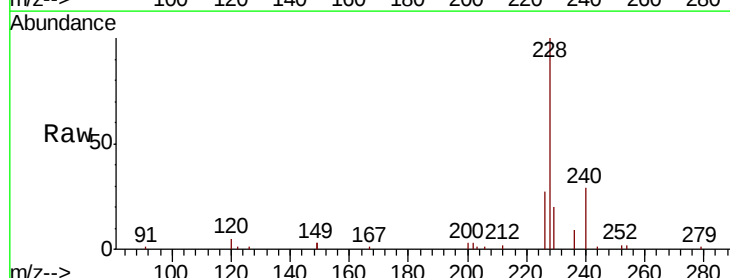
Tgt Ion:228 Resp: 14891

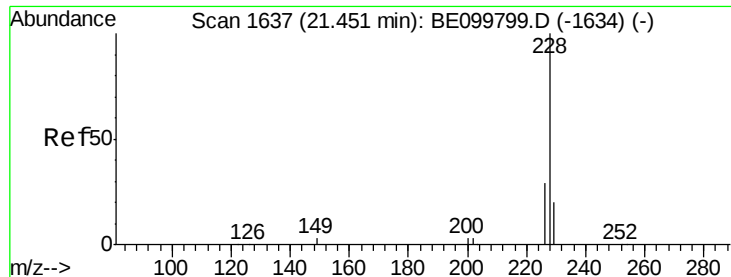
Ion Ratio Lower Upper

228 100

226 26.6 21.6 32.4

229 20.1 15.8 23.6





#31

Chrysene

Concen: 0.394 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

ClientSampleId :

PB120350BS

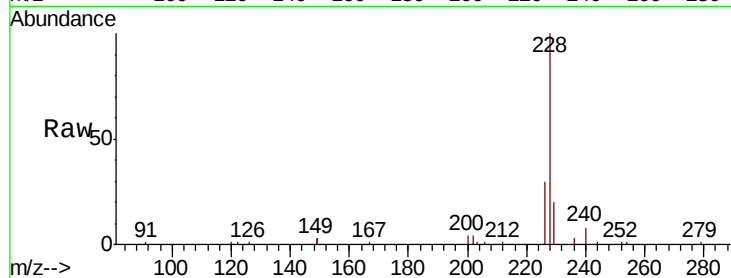
Tgt Ion:228 Resp: 17137

Ion Ratio Lower Upper

228 100

226 30.0 22.9 34.3

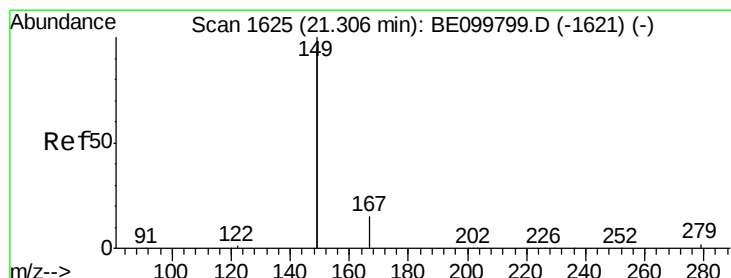
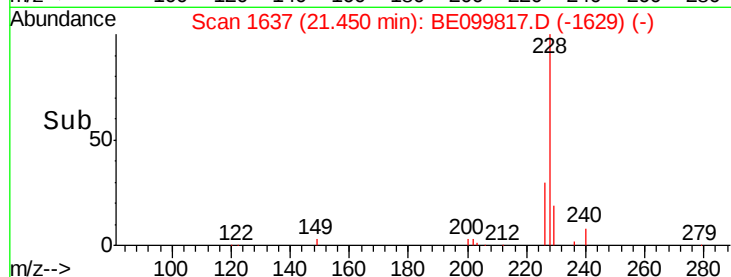
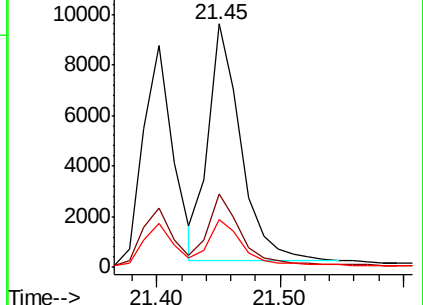
229 19.6 16.4 24.6



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: 0.294 ng

RT: 21.30 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

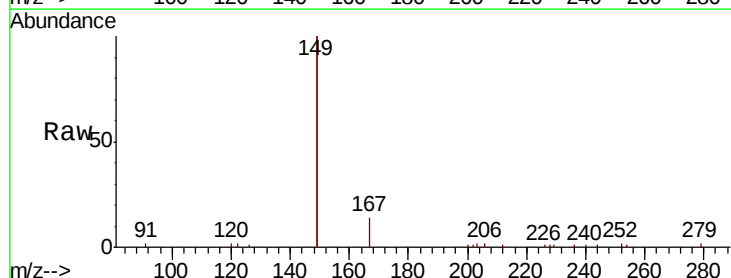
Tgt Ion:149 Resp: 13315

Ion Ratio Lower Upper

149 100

167 7.9 6.0 9.0

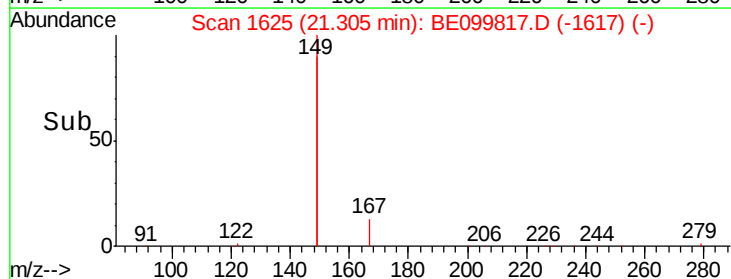
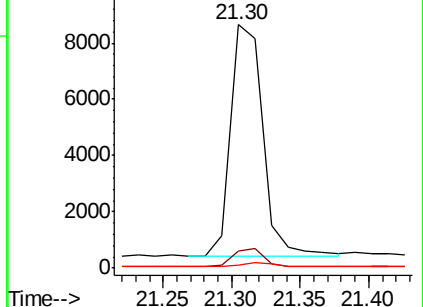
279 1.6 1.2 1.8

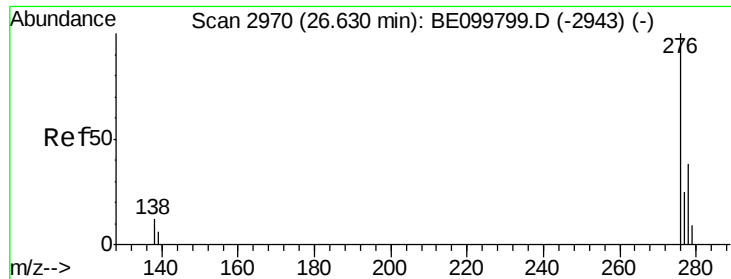


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.349 ng

RT: 26.65 min Scan# 2974

Delta R.T. 0.02 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

ClientSampleId :

PB120350BS

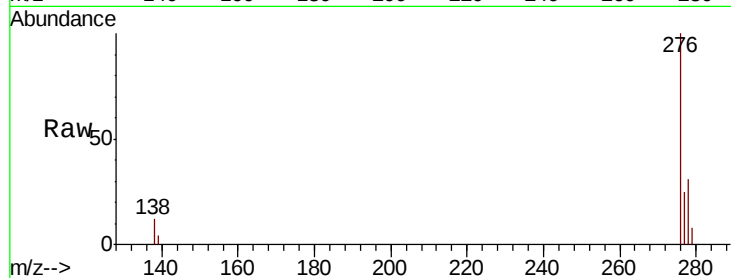
Tgt Ion:276 Resp: 18180

Ion Ratio Lower Upper

276 100

138 4.8 10.3 15.5#

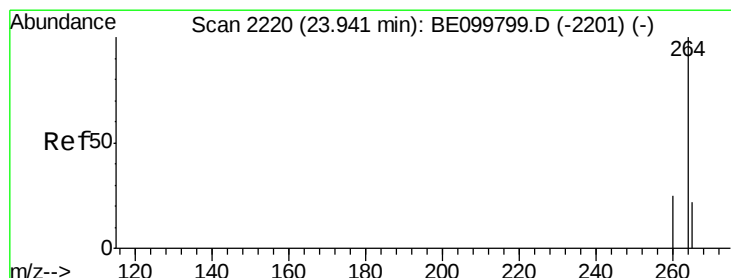
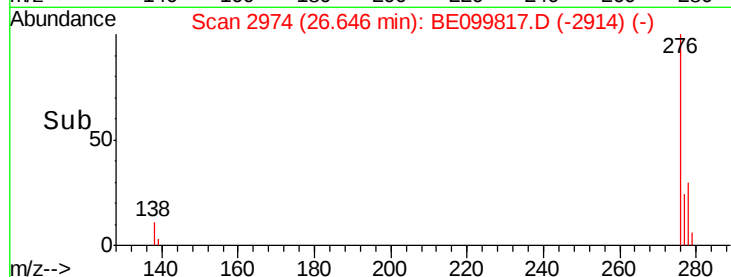
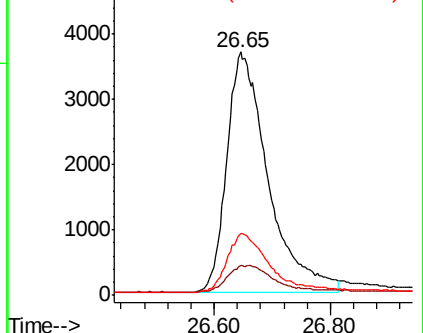
277 24.1 19.4 29.2



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: 23.95 min Scan# 2224

Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

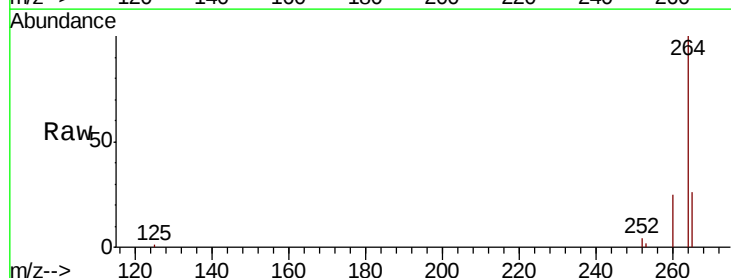
Tgt Ion:264 Resp: 15862

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

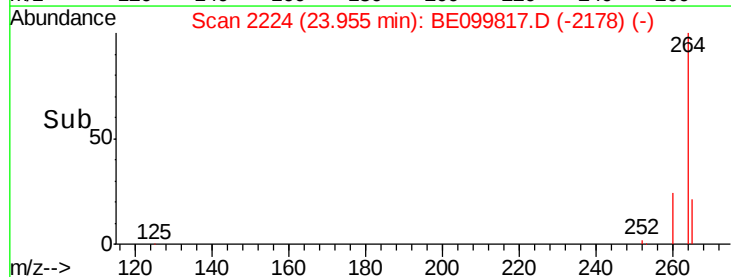
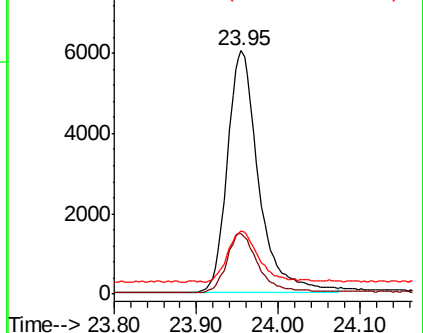
265 25.8 20.7 31.1

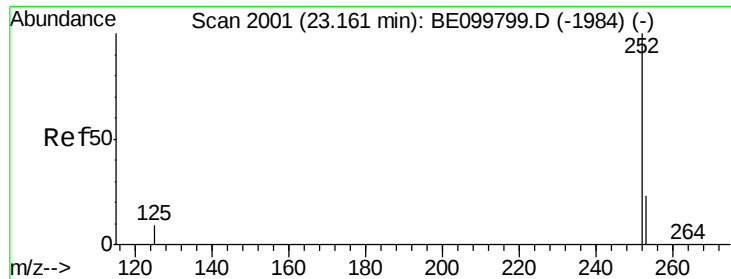


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

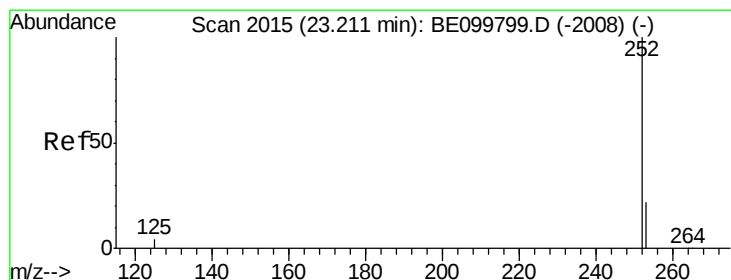
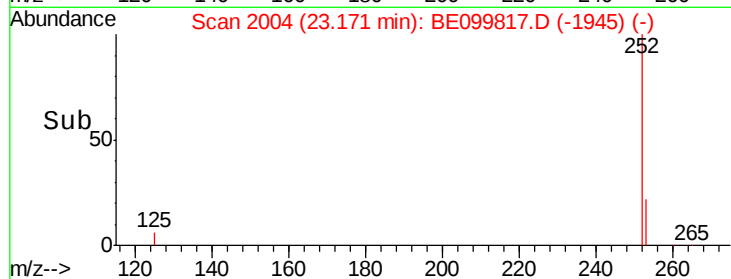
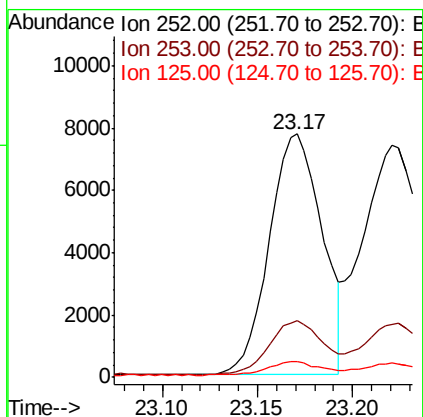
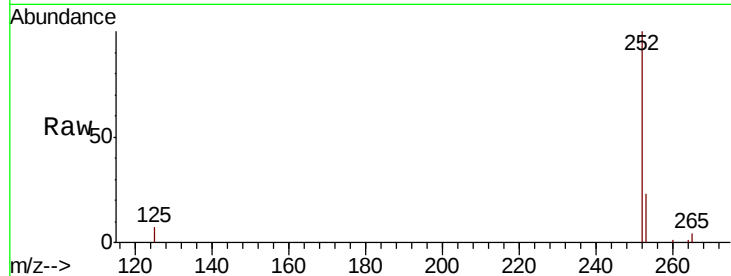




#35
Benzo(b)fluoranthene
Concen: 0.341 ng
RT: 23.17 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

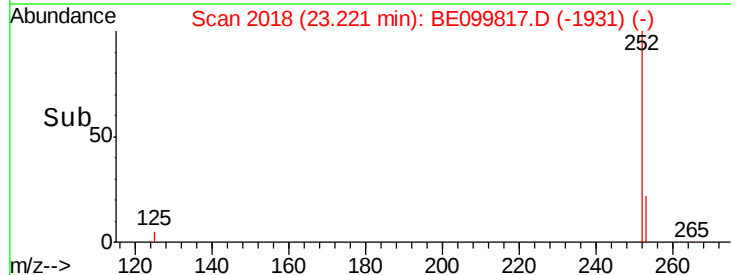
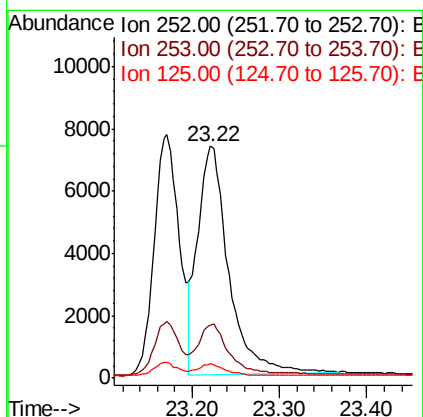
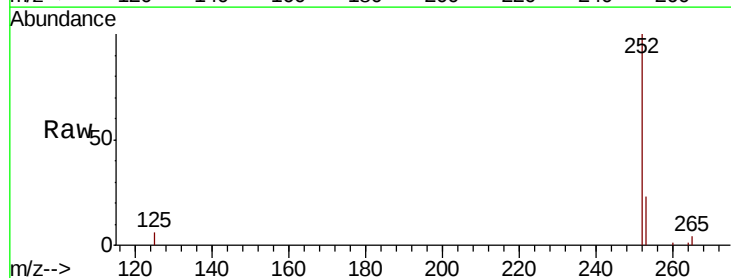
Instrument :
BNA_E
ClientSampleId :
PB120350BS

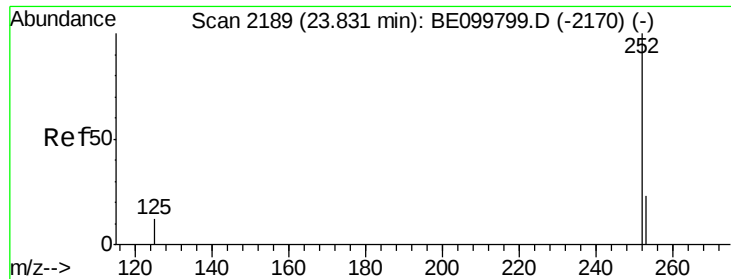
Tgt Ion:252 Resp: 14967
Ion Ratio Lower Upper
252 100
253 23.3 18.9 28.3
125 6.6 7.6 11.4#



#36
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 23.22 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Tgt Ion:252 Resp: 17925
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 6.0 4.6 7.0





#37

Benzo(a)pyrene

Concen: 0.370 ng

RT: 23.84 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

ClientSampleId :

PB120350BS

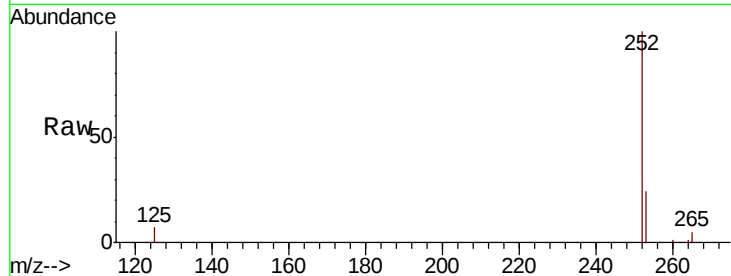
Tgt Ion:252 Resp: 15756

Ion Ratio Lower Upper

252 100

253 23.7 19.3 28.9

125 7.3 10.2 15.4#

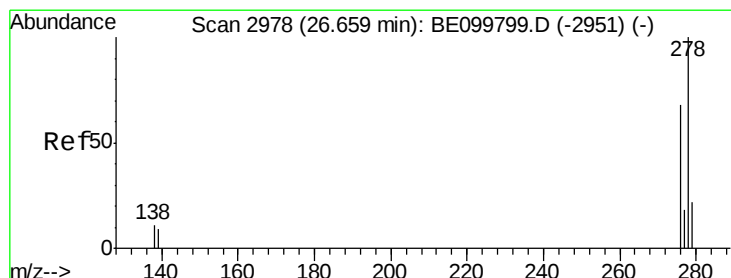
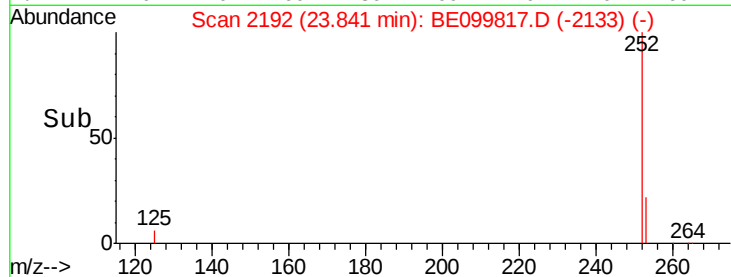
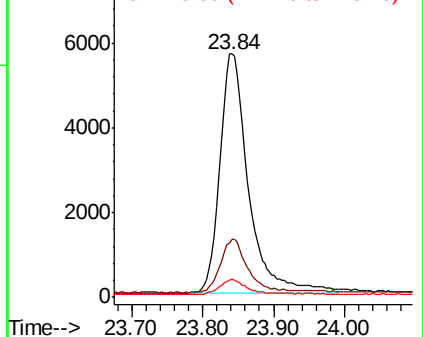


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.339 ng

RT: 26.68 min Scan# 2983

Delta R.T. 0.02 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

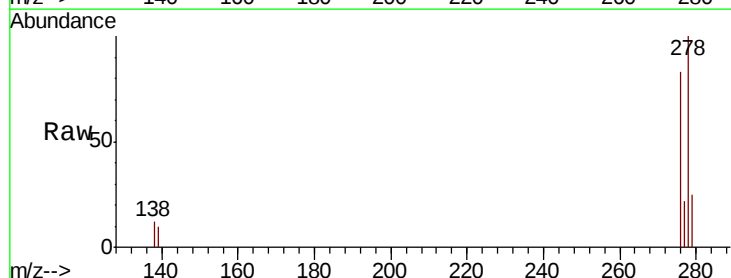
Tgt Ion:278 Resp: 14697

Ion Ratio Lower Upper

278 100

139 10.0 7.9 11.9

279 24.7 18.5 27.7

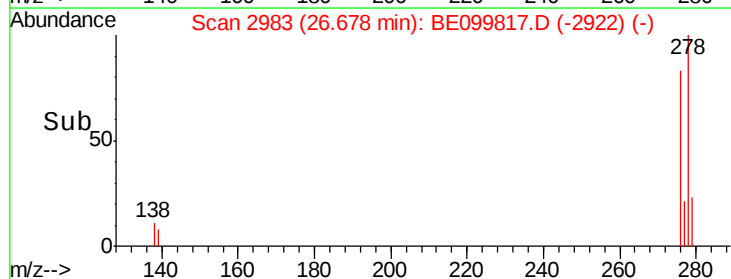
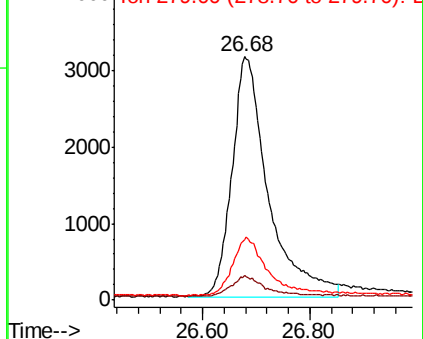


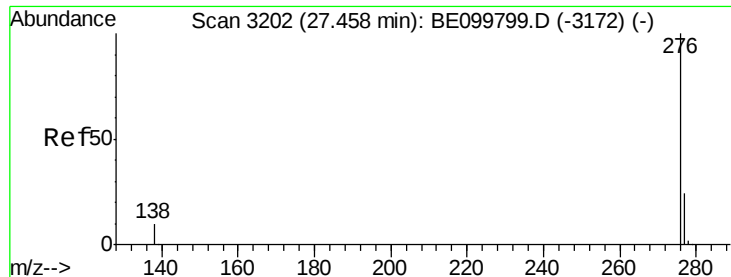
Abundance

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: 0.363 ng

RT: 27.47 min Scan# 3205

Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

ClientSampleId :

PB120350BS

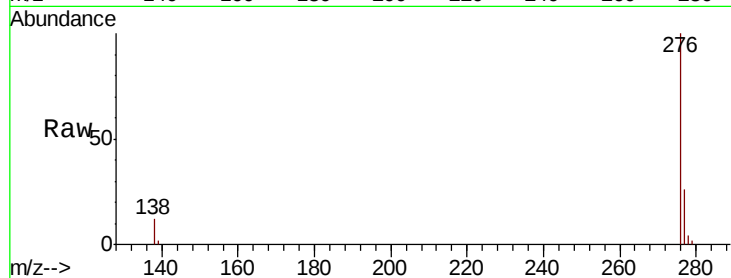
Tgt Ion: 276 Resp: 16499

Ion Ratio Lower Upper

276 100

277 25.8 19.6 29.4

138 11.9 9.0 13.4



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

