

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099853.D
 Acq On : 7 Jun 2019 15:25
 Operator : JU/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE060719

Quant Time: Jun 07 18:35:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 15:25:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	701	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2518	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	1845	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	6177	0.40	ng	0.00
27) Chrysene-d12	21.41	240	11360	0.40	ng	0.00
34) Perylene-d12	23.94	264	12376	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	894	0.38	ng	0.01
5) Phenol-d6	6.97	99	1115	0.39	ng	0.01
8) Nitrobenzene-d5	8.98	82	987	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	1843	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	711	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	2752	0.41	ng	0.00
25) Fluoranthene-d10	19.26	212	38246	0.40	ng	0.00
29) Terphenyl-d14	19.86	244	7998	0.38	ng	0.00

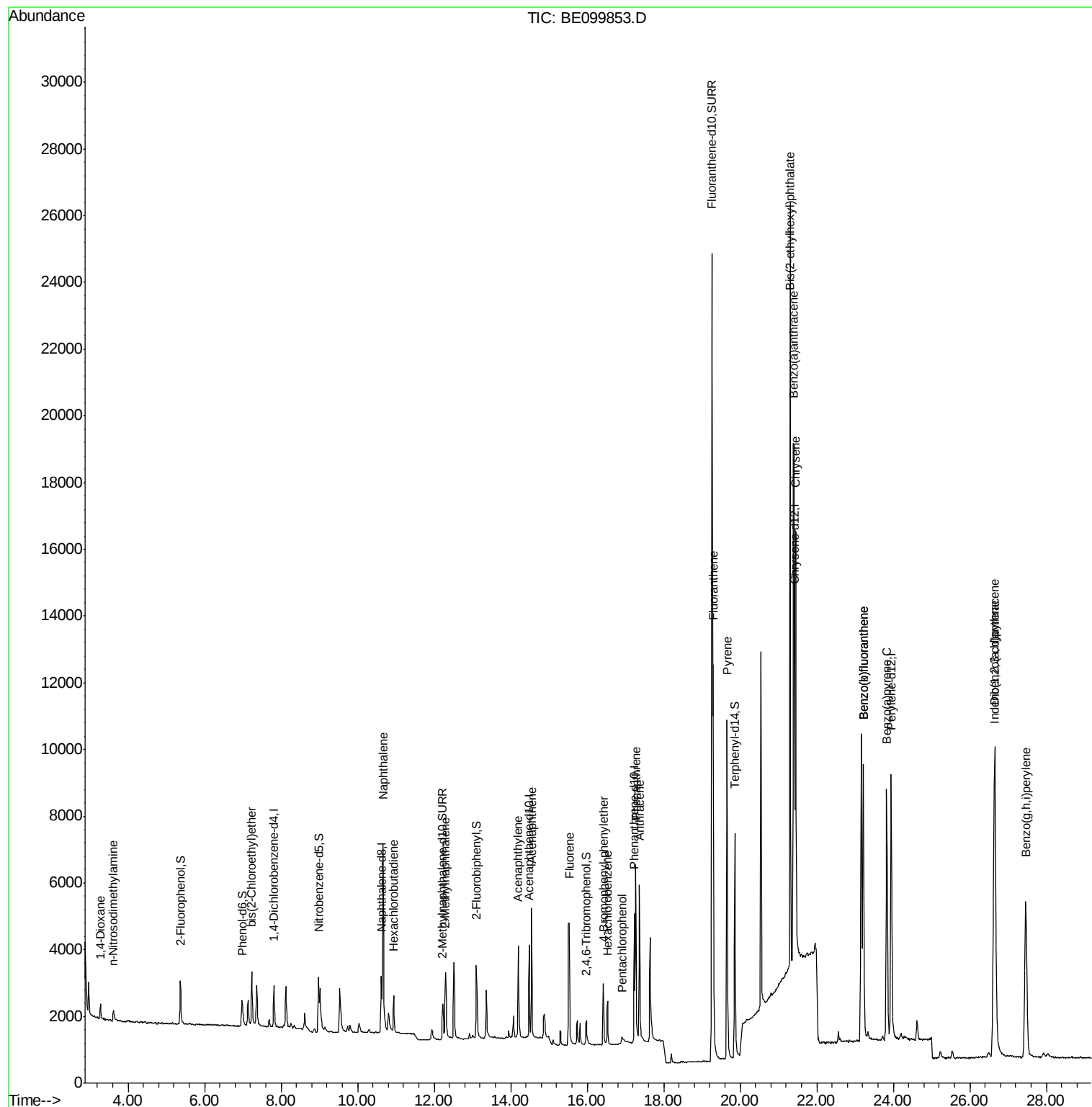
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	390	0.395	ng	100
3) n-Nitrosodimethylamine	3.61	42	258	0.386	ng	# 96
6) bis(2-Chloroethyl)ether	7.23	93	833	0.392	ng	85
9) Naphthalene	10.67	128	10820	0.395	ng	100
10) Hexachlorobutadiene	10.94	225	815	0.405	ng	98
12) 2-Methylnaphthalene	12.30	142	1723	0.370	ng	99
16) Acenaphthylene	14.20	152	3608	0.395	ng	99
17) Acenaphthene	14.54	154	1978	0.395	ng	99
18) Fluorene	15.53	166	3058	0.399	ng	100
20) 4-Bromophenyl-phenylether	16.42	248	1391	0.393	ng	# 81
21) Hexachlorobenzene	16.53	284	1345	0.390	ng	96
22) Pentachlorophenol	16.91	266	365	0.518	ng	93
23) Phenanthrene	17.27	178	5992	0.391	ng	99
24) Anthracene	17.36	178	5600	0.381	ng	99
26) Fluoranthene	19.29	202	10823	0.400	ng	100
28) Pyrene	19.65	202	11558	0.384	ng	100
30) Benzo(a)anthracene	21.39	228	14849	0.411	ng	98
31) Chrysene	21.45	228	13489	0.381	ng	97
32) Bis(2-ethylhexyl)phthalate	21.31	149	24062	0.409	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	17096	0.396	ng	99
35) Benzo(b)fluoranthene	23.21	252	13690	0.398	ng	97
36) Benzo(k)fluoranthene	23.21	252	13690	0.398	ng	# 96
37) Benzo(a)pyrene	23.83	252	13731	0.412	ng	# 95
38) Dibenzo(a,h)anthracene	26.66	278	13722	0.402	ng	# 92
39) Benzo(g,h,i)perylene	27.46	276	13991	0.404	ng	97

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

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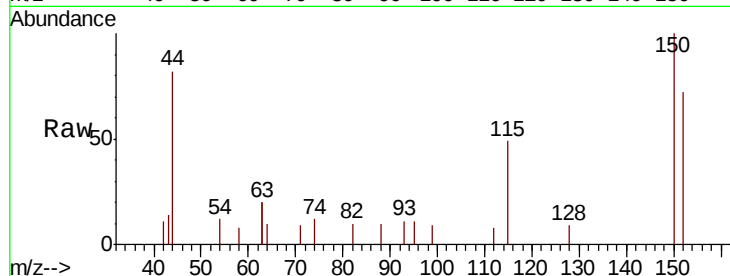


#1

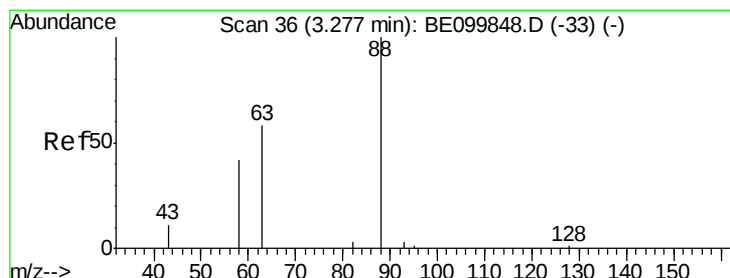
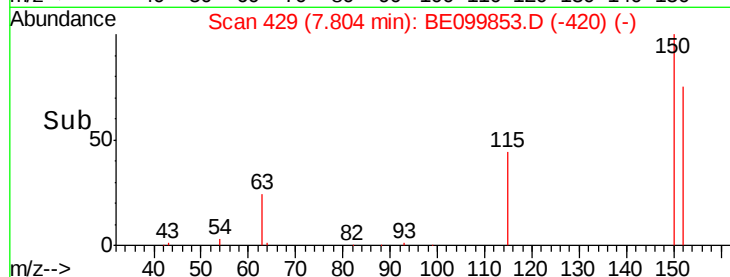
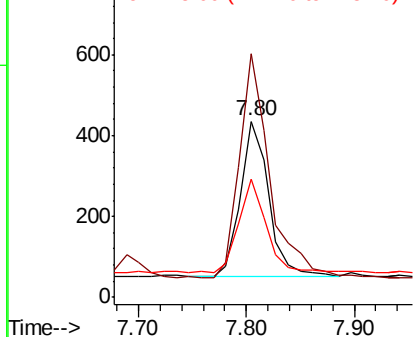
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tot Ion:152 Resp: 701
Ion Ratio Lower Upper
152 100
150 138.4 112.8 169.2
115 67.1 47.6 71.4



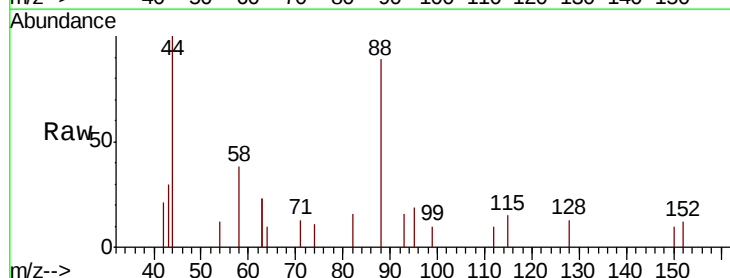
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



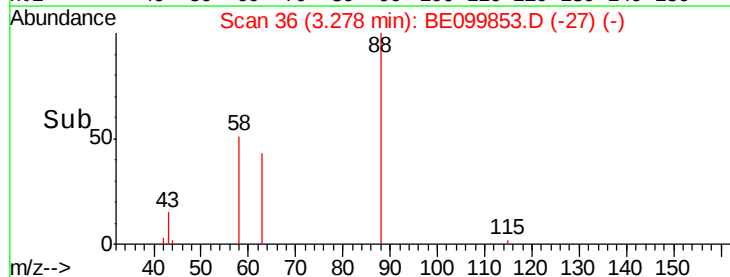
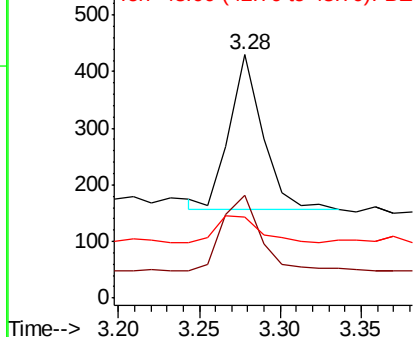
#2

1,4-Dioxane
Concen: 0.395 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion: 88 Resp: 390
Ion Ratio Lower Upper
88 100
58 59.0 47.3 70.9
43 22.3 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: 0.386 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

ClientSampleId :

ICVBE060719

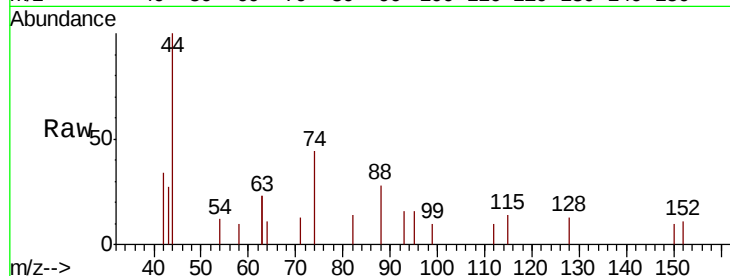
Tot Ion: 42 Resp: 258

Ion Ratio Lower Upper

42 100

74 166.7 132.6 198.8

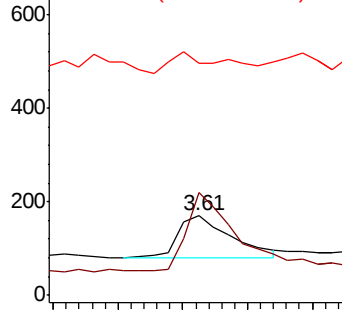
44 31.8 13.4 20.0#



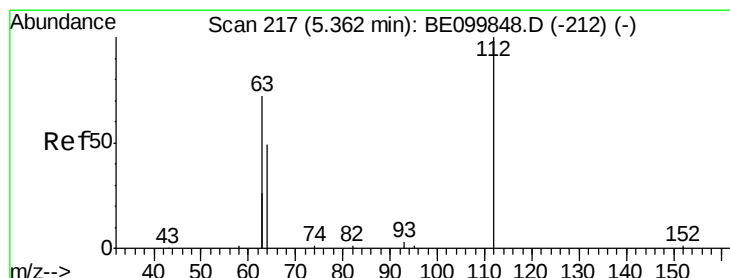
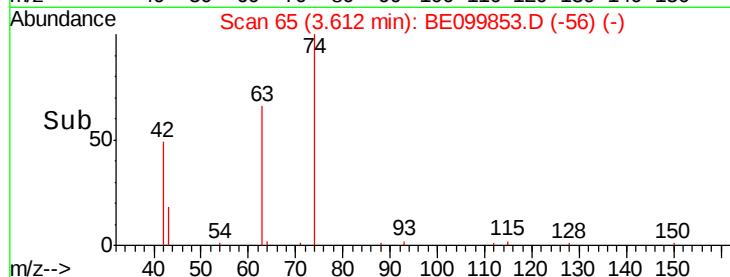
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.381 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

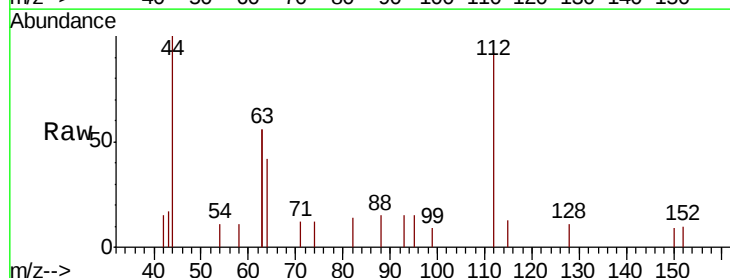
Tgt Ion: 112 Resp: 894

Ion Ratio Lower Upper

112 100

64 51.8 47.2 70.8

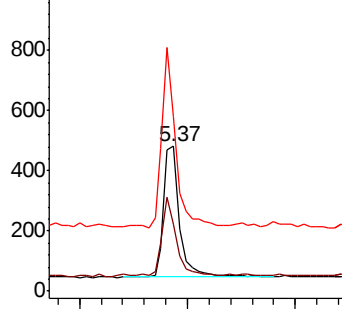
63 118.6 90.7 136.1



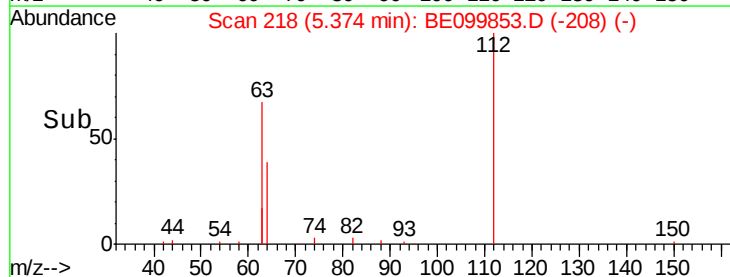
Abundance Ion 112.00 (111.70 to 112.70): E

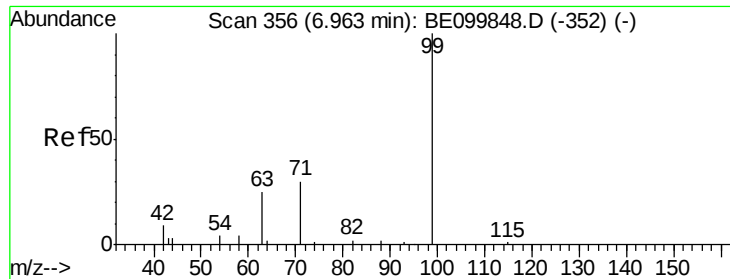
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.386 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

ClientSampleId :

ICVBE060719

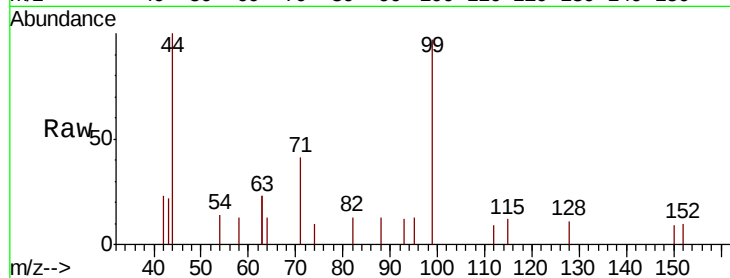
Tot Ion: 99 Resp: 1115

Ion Ratio Lower Upper

99 100

42 15.2 11.0 16.4

71 38.7 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

6.97

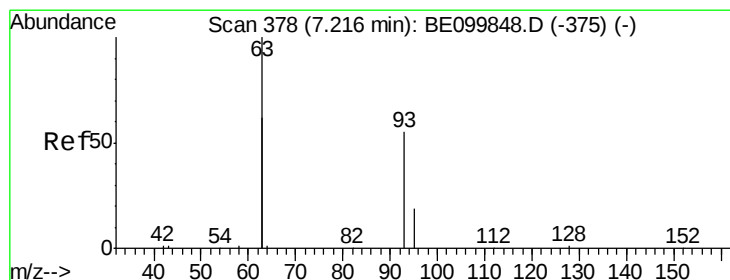
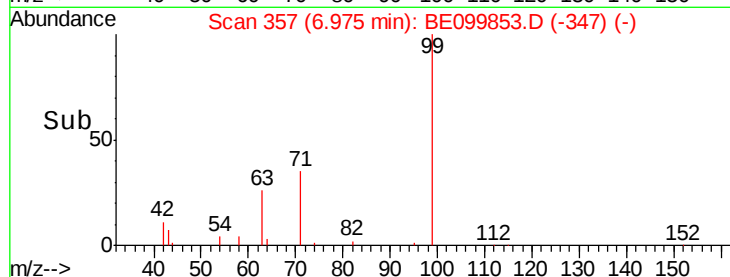
400

200

0

6.80 7.00 7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.392 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

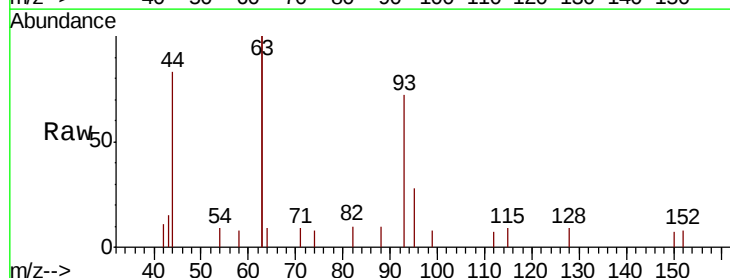
Tgt Ion: 93 Resp: 833

Ion Ratio Lower Upper

93 100

63 231.9 208.8 313.2

95 30.6 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

1500

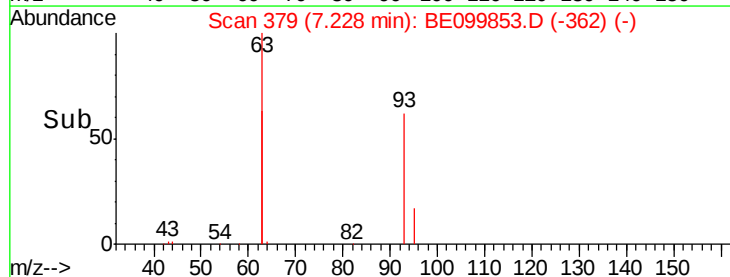
1000

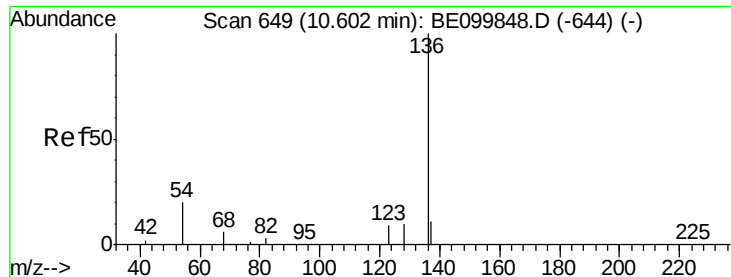
500

0

7.20 7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

ClientSampleId :

ICVBE060719

Tot Ion:136 Resp: 2518

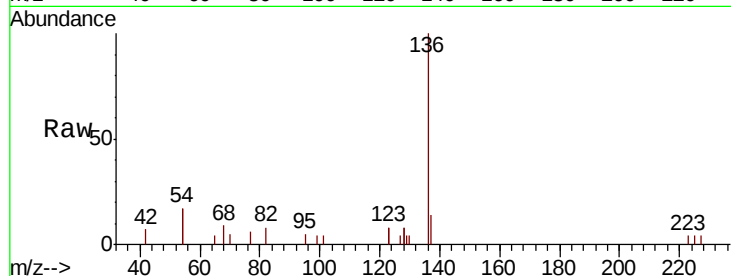
Ion Ratio Lower Upper

136 100

137 14.0 11.1 16.7

54 33.9 17.9 26.9#

68 9.4 5.4 8.0#

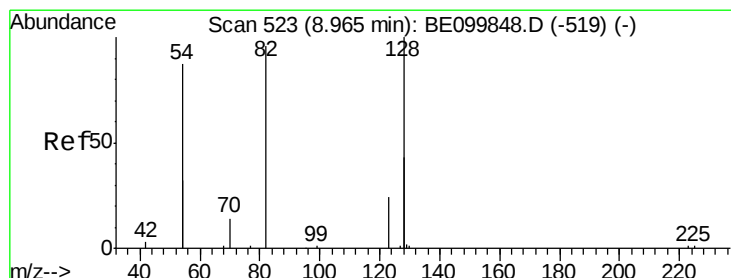
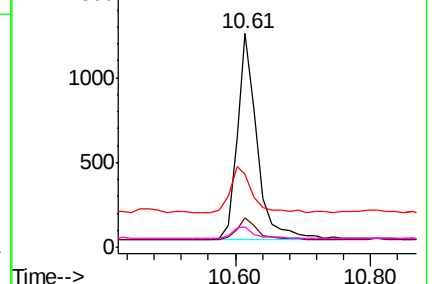
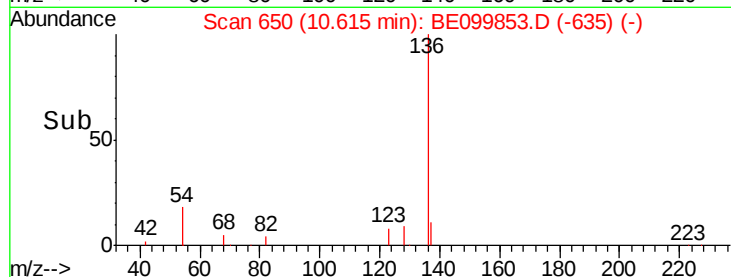


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.389 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

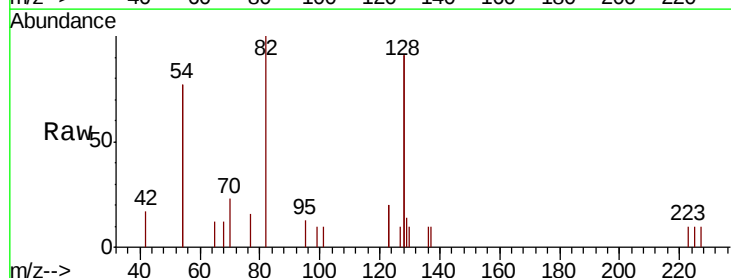
Tgt Ion: 82 Resp: 987

Ion Ratio Lower Upper

82 100

128 181.4 116.6 175.0#

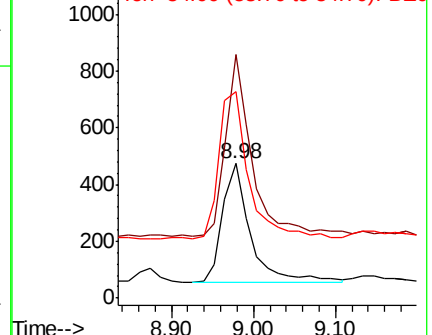
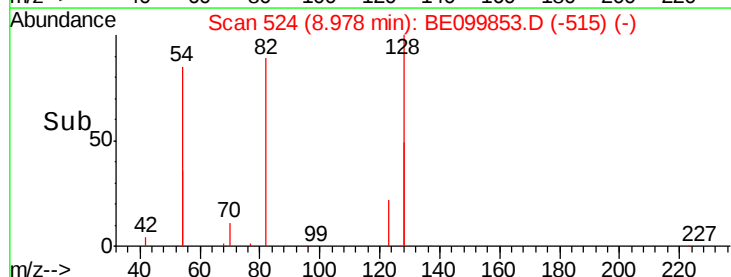
54 153.5 136.2 204.4

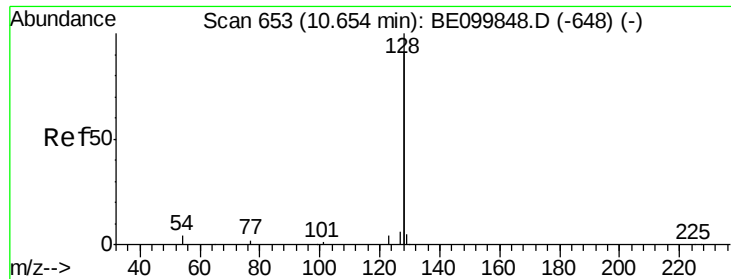


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.395 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.01 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

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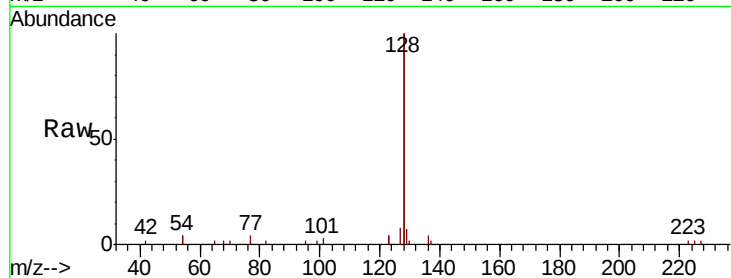
Tot Ion:128 Resp: 10820

Ion Ratio Lower Upper

128 100

129 3.5 2.6 4.0

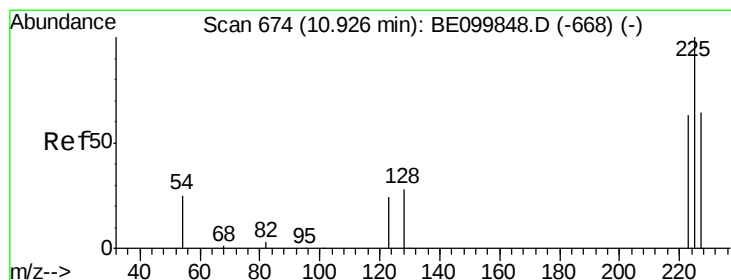
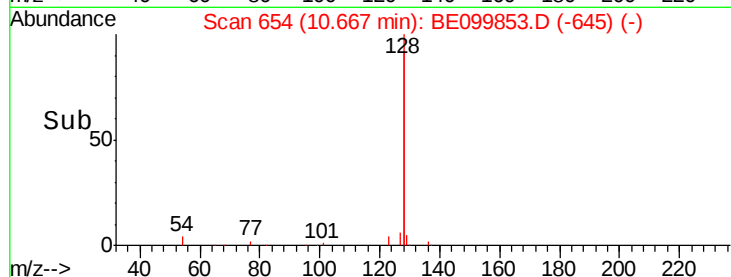
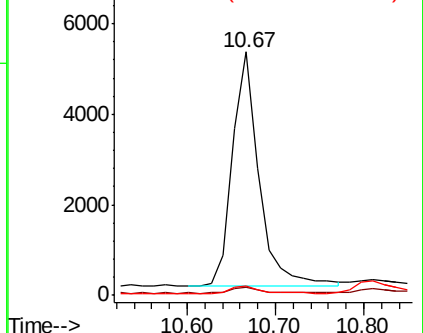
127 3.9 3.0 4.6



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: 0.405 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.01 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

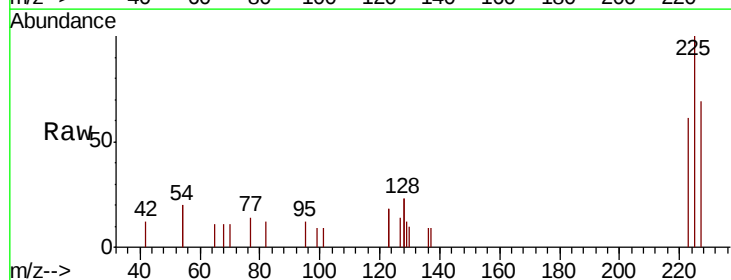
Tgt Ion:225 Resp: 815

Ion Ratio Lower Upper

225 100

223 63.6 48.6 72.8

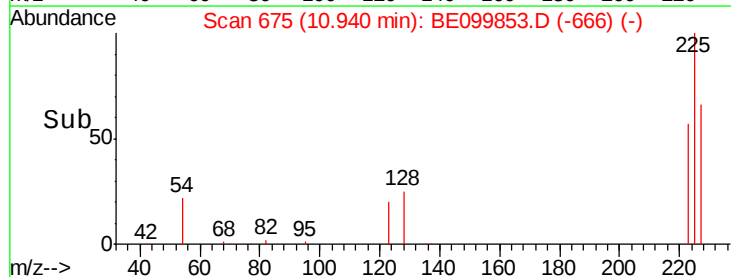
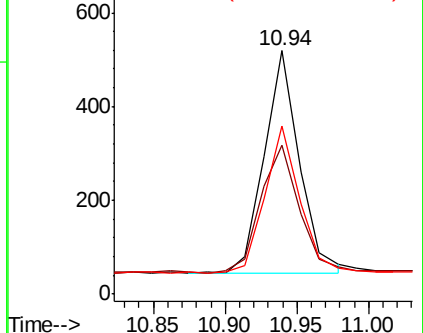
227 64.8 51.6 77.4

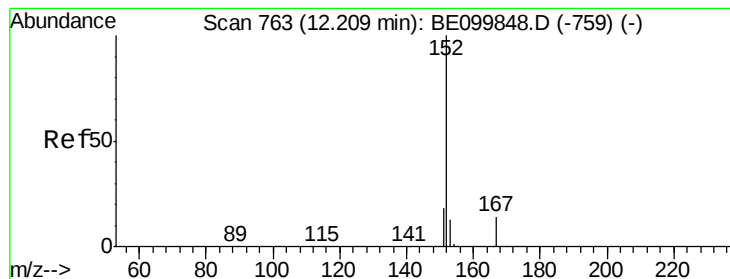


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.405 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

ClientSampleId :

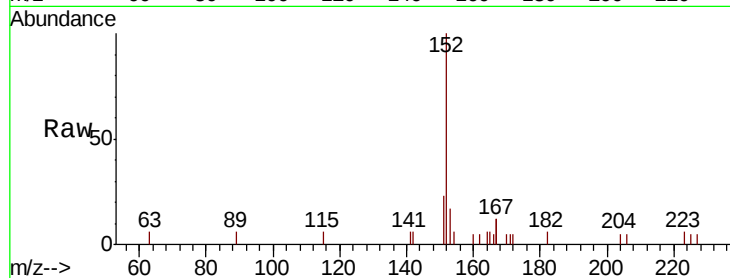
ICVBE060719

Tot Ion:152 Resp: 1843

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

800

600

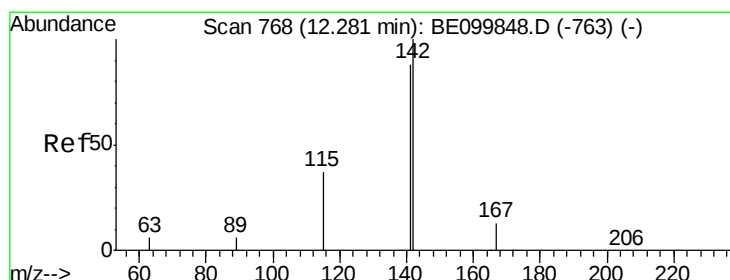
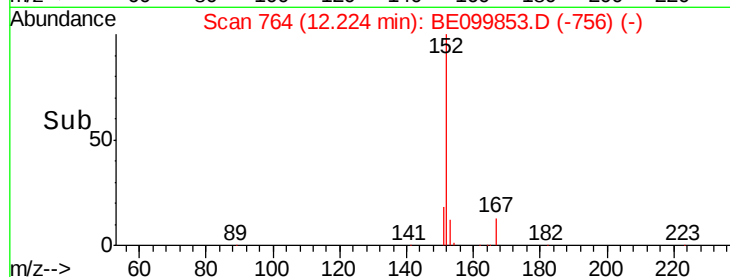
400

200

0

12.20 12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.370 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.01 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

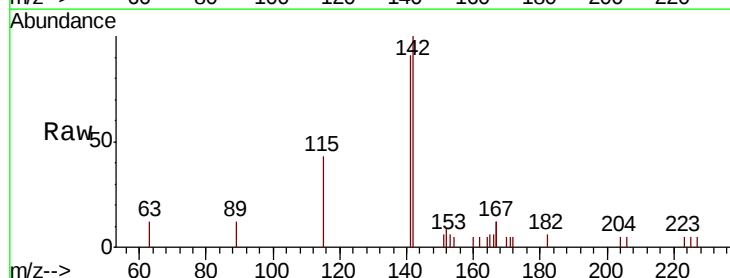
Tgt Ion:142 Resp: 1723

Ion Ratio Lower Upper

142 100

141 91.4 73.3 109.9

115 43.3 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

1200

1000

800

600

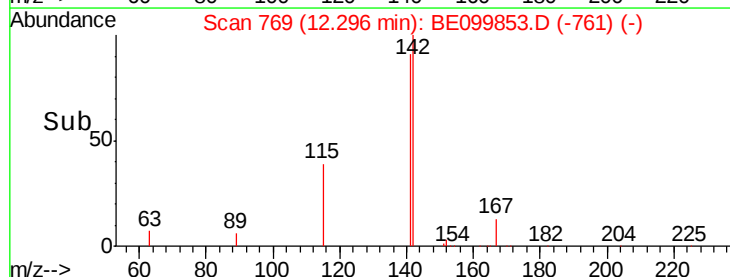
400

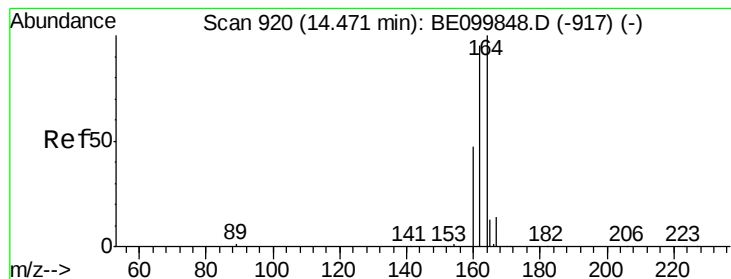
200

0

12.20 12.30 12.40

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. 0.01 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

ClientSampleId :

ICVBE060719

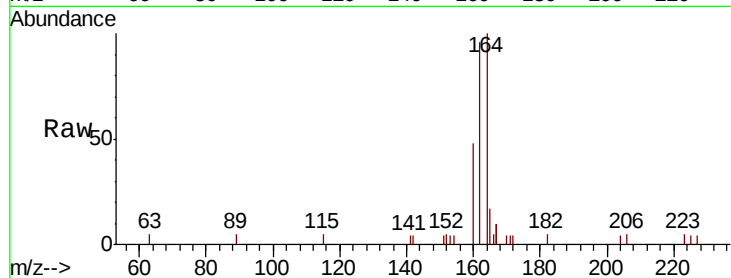
Tot Ion:164 Resp: 1845

Ion Ratio Lower Upper

164 100

162 96.4 77.2 115.8

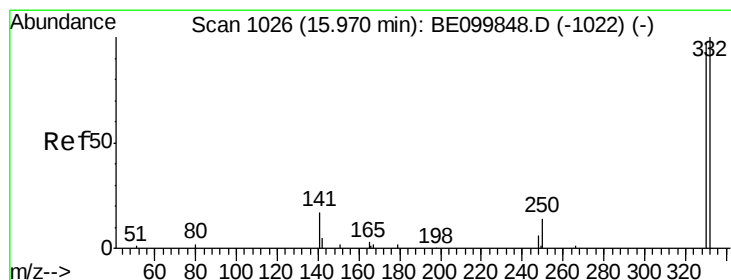
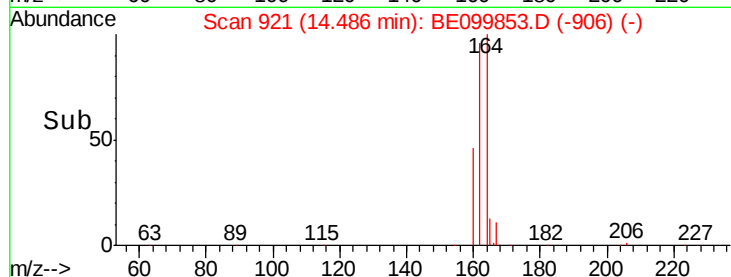
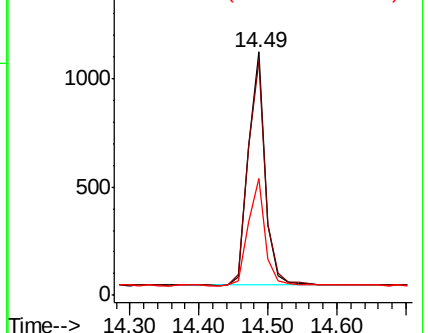
160 48.1 39.4 59.2



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: 0.390 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

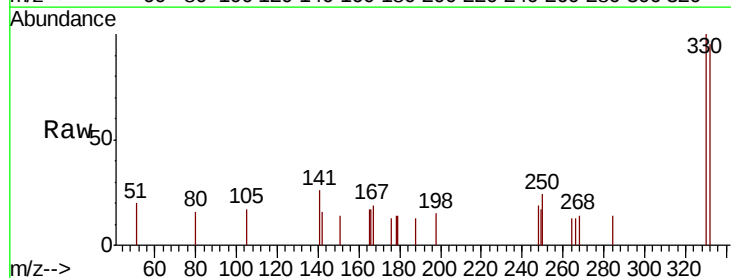
Tgt Ion:330 Resp: 711

Ion Ratio Lower Upper

330 100

332 95.6 74.9 112.3

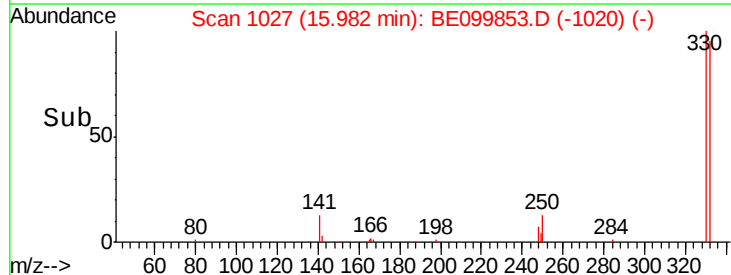
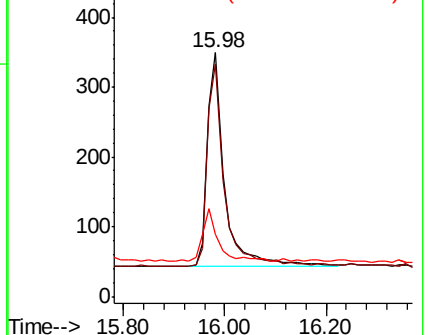
141 23.5 16.0 24.0

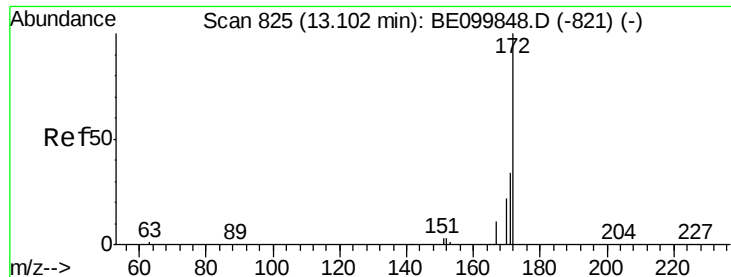


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

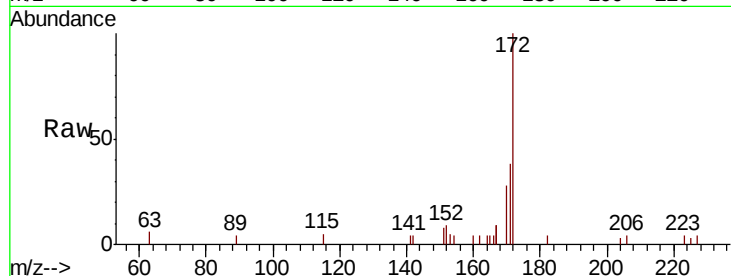




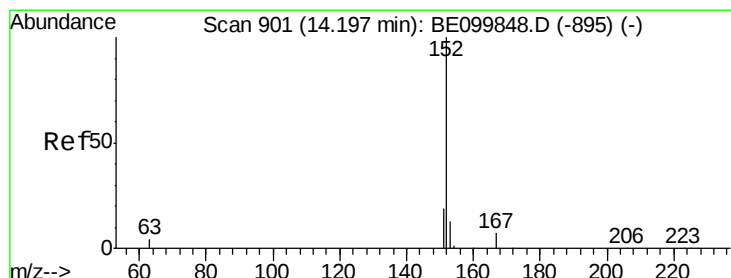
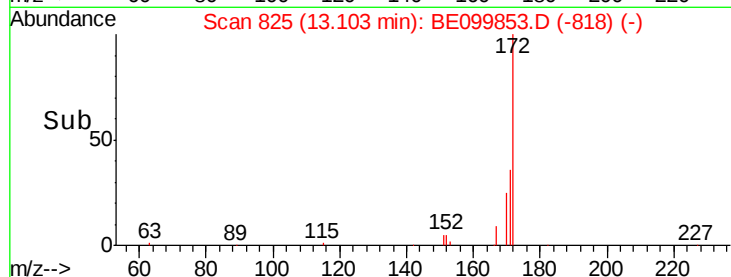
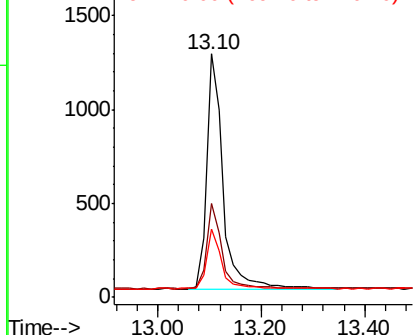
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tot Ion:172 Resp: 2752
Ion Ratio Lower Upper
172 100
171 38.3 30.2 45.4
170 27.8 20.1 30.1

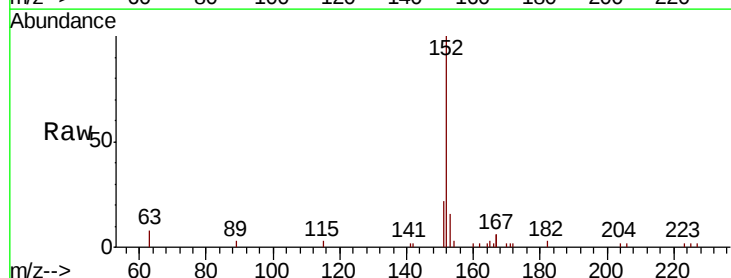


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

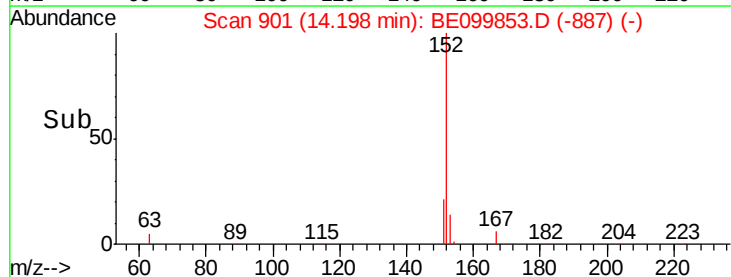
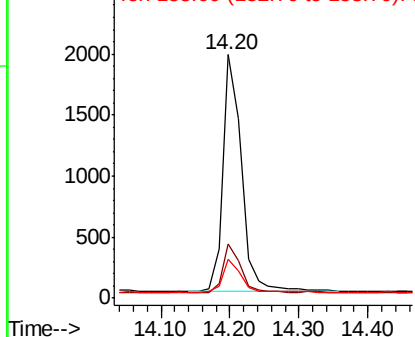


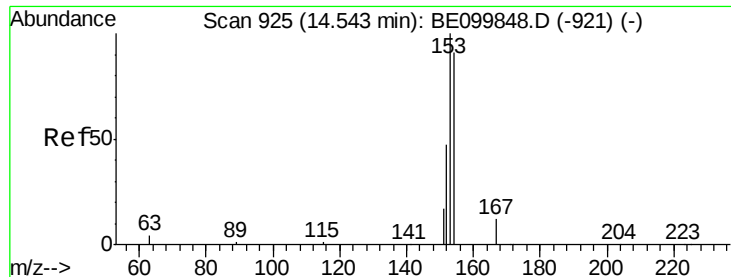
#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion:152 Resp: 3608
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 13.7 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: 0.395 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

ClientSampleId :

ICVBE060719

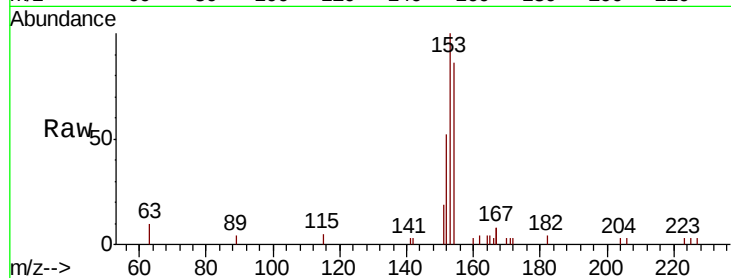
Tot Ion:154 Resp: 1978

Ion Ratio Lower Upper

154 100

153 117.7 93.8 140.6

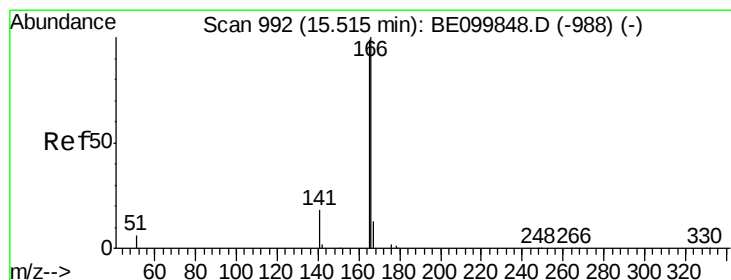
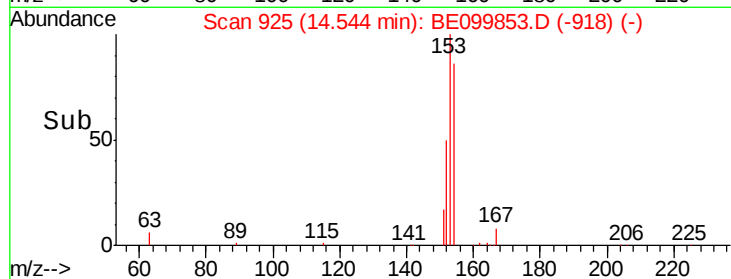
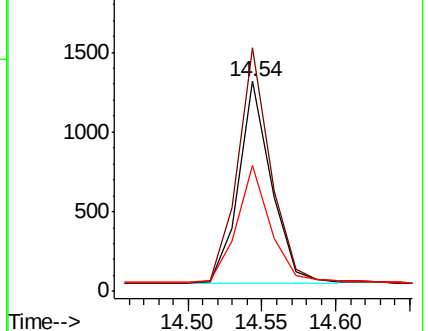
152 58.5 48.3 72.5



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: 0.399 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.01 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

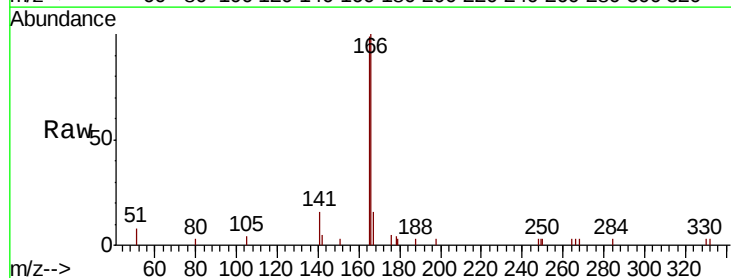
Tgt Ion:166 Resp: 3058

Ion Ratio Lower Upper

166 100

165 100.3 80.4 120.6

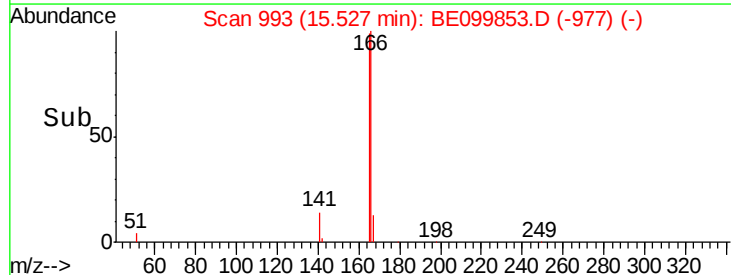
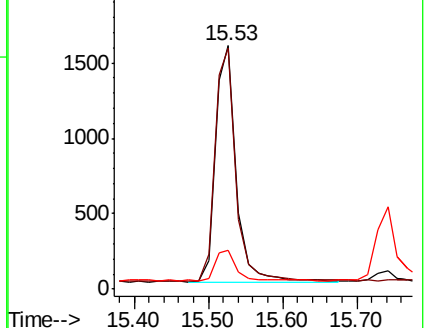
167 13.4 10.7 16.1

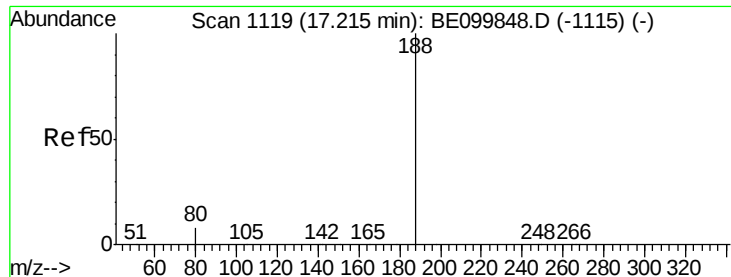


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

ClientSampleId :

ICVBE060719

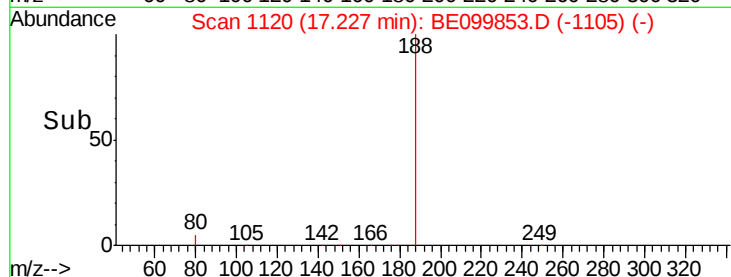
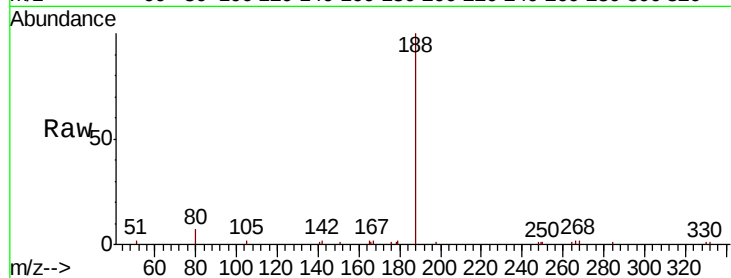
Tot Ion:188 Resp: 6177

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

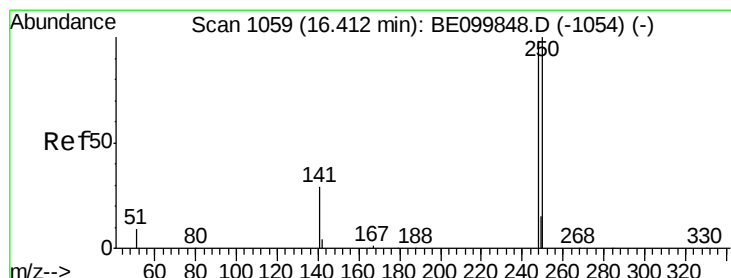
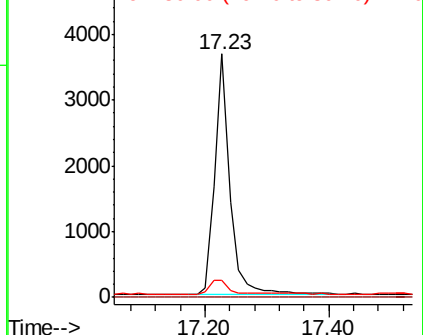
80 6.8 5.2 7.8



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: 0.393 ng

RT: 16.42 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

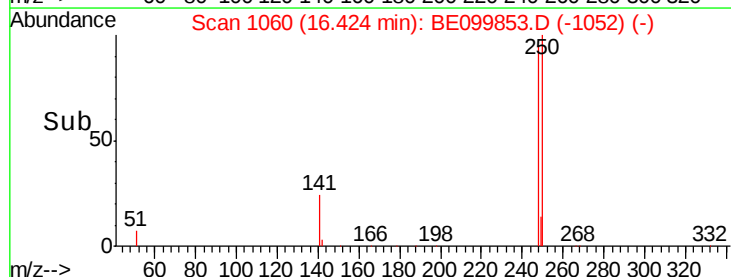
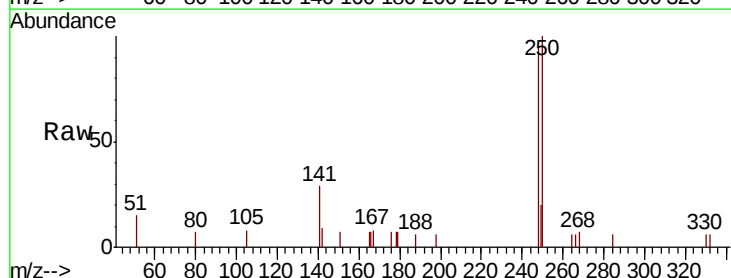
Tgt Ion:248 Resp: 1391

Ion Ratio Lower Upper

248 100

250 105.7 73.7 110.5

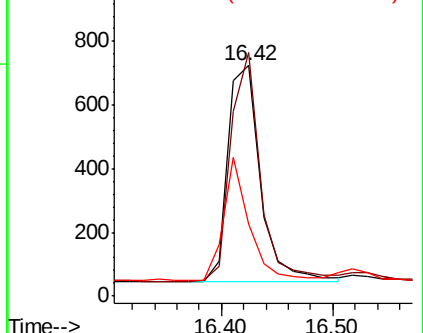
141 31.1 40.9 61.3#

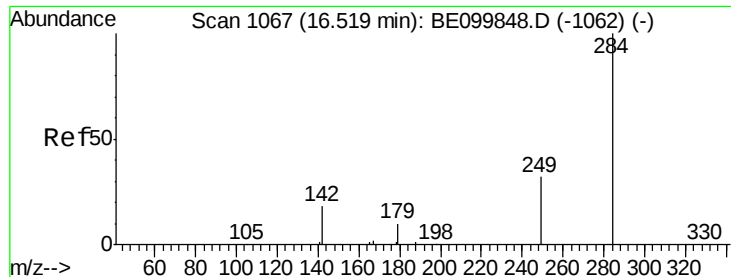


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.390 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.01 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

ClientSampleId :

ICVBE060719

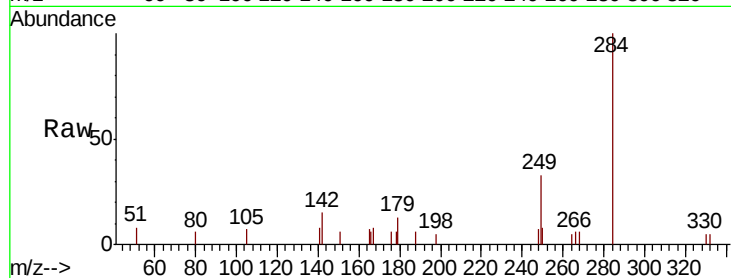
Tot Ion:284 Resp: 1345

Ion Ratio Lower Upper

284 100

142 21.0 16.2 24.4

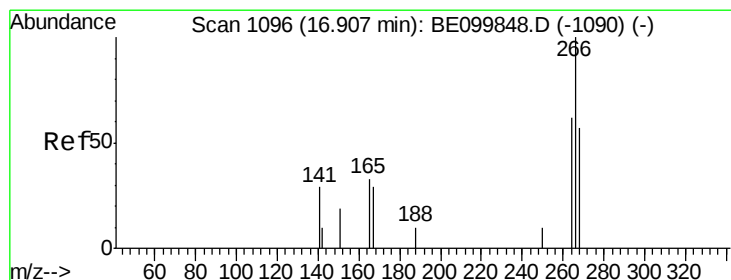
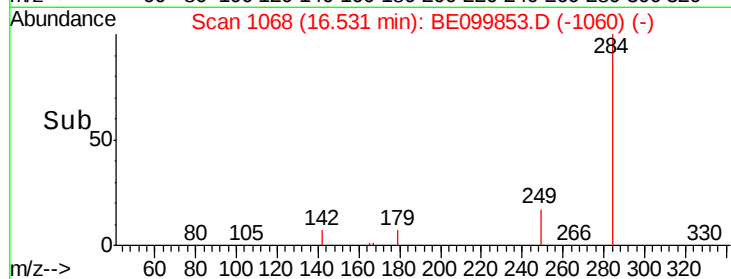
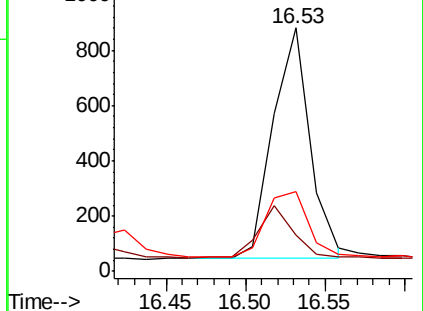
249 32.3 23.1 34.7



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: 0.518 ng

RT: 16.91 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

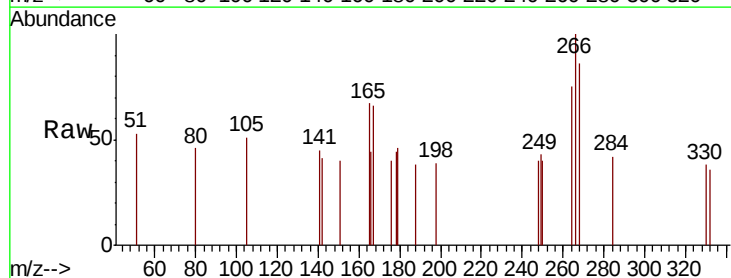
Tgt Ion:266 Resp: 365

Ion Ratio Lower Upper

266 100

264 75.0 64.9 97.3

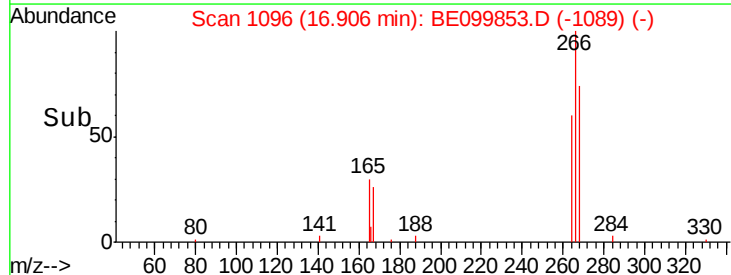
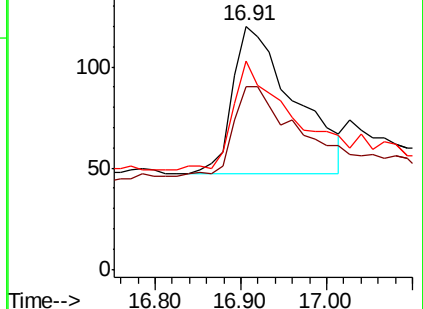
268 85.8 64.0 96.0

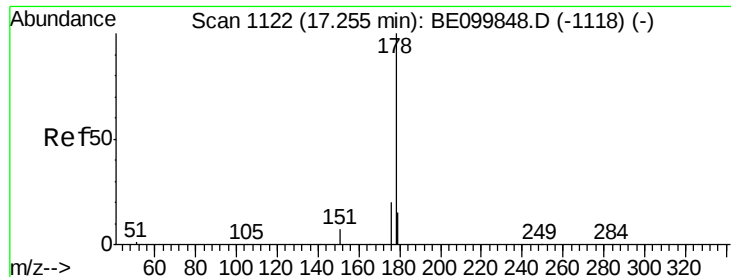


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.391 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

ClientSampleId :

ICVBE060719

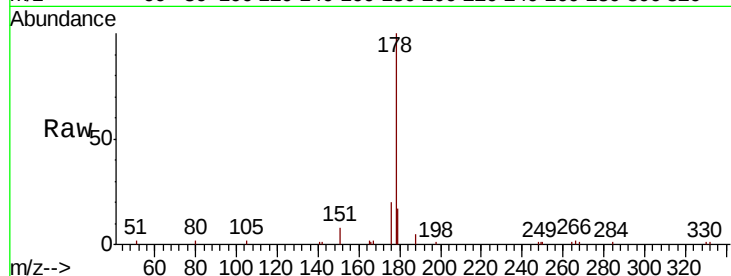
Tot Ion:178 Resp: 5992

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

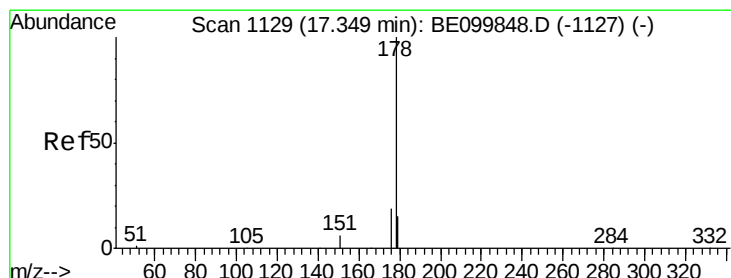
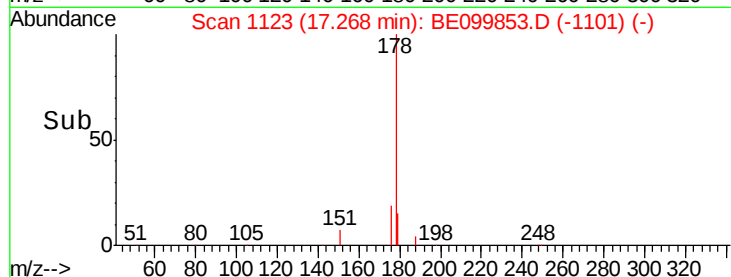
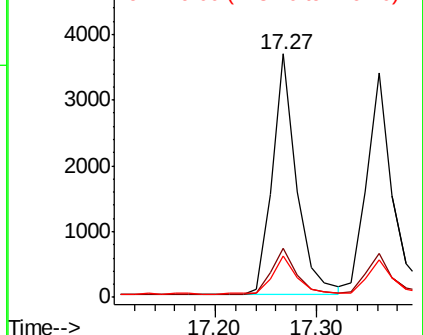
179 15.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.381 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

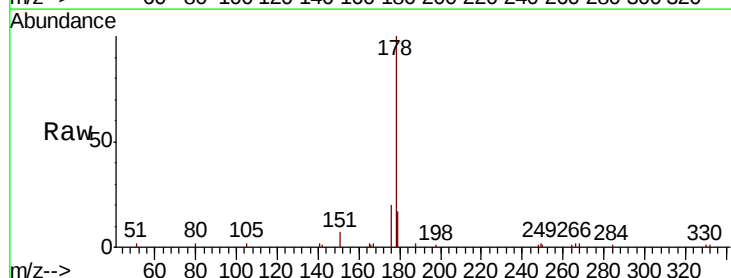
Tgt Ion:178 Resp: 5600

Ion Ratio Lower Upper

178 100

176 18.3 15.1 22.7

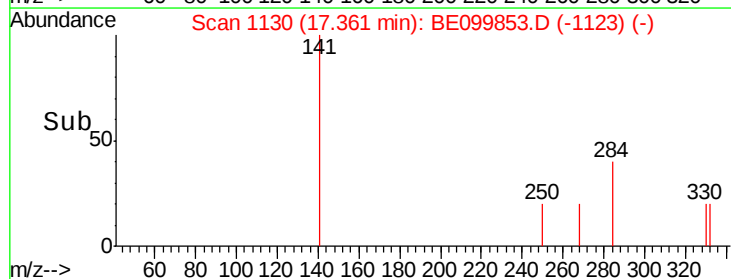
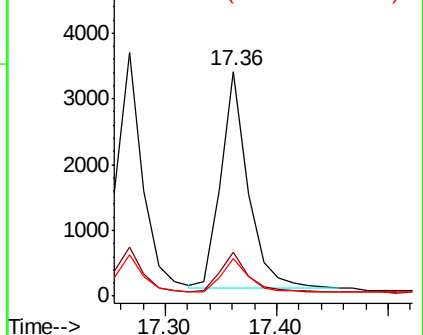
179 15.7 12.1 18.1

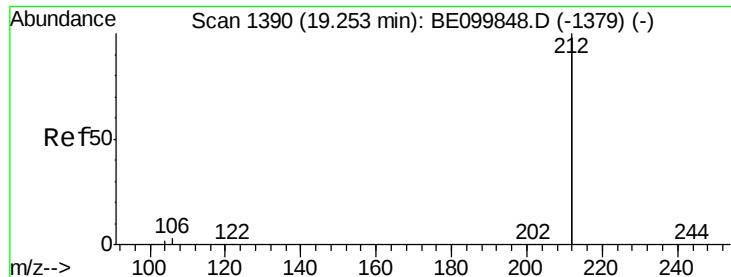


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.400 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

ClientSampleId :

ICVBE060719

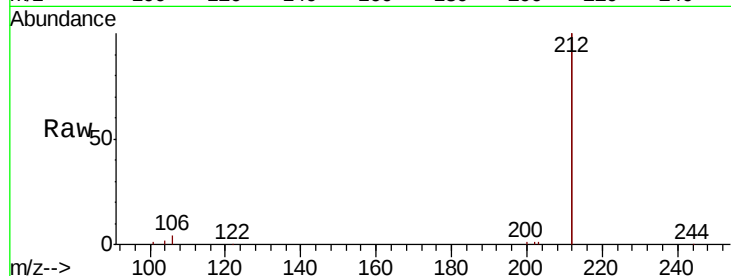
Tot Ion:212 Resp: 38246

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

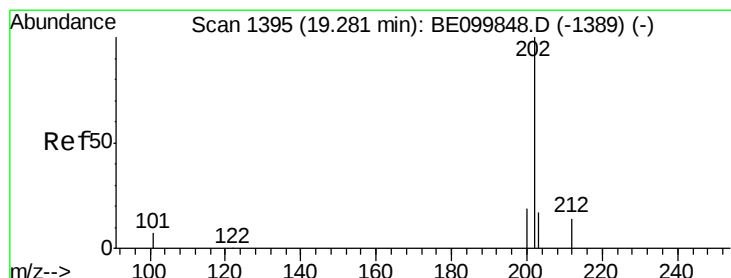
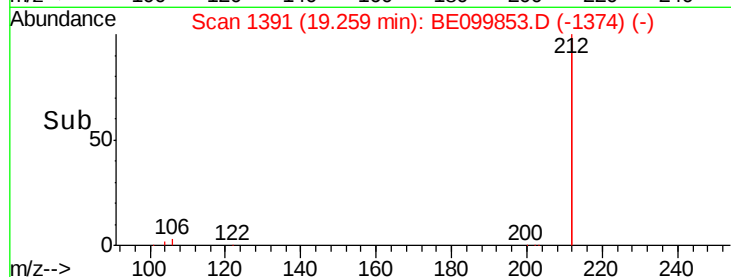
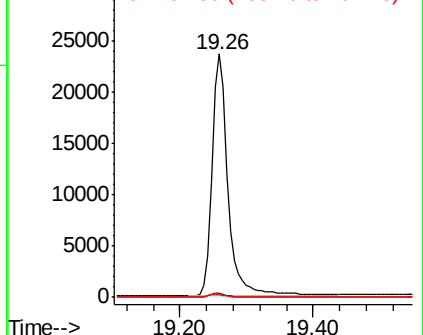
104 1.0 0.8 1.2



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: 0.400 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

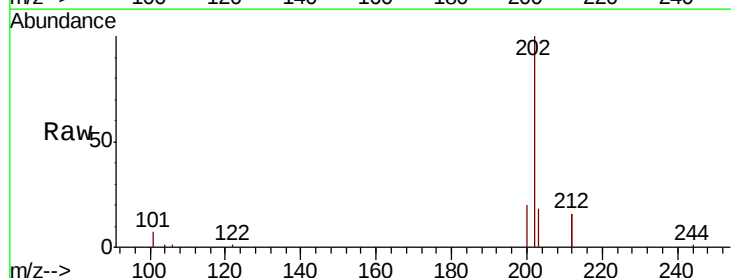
Tgt Ion:202 Resp: 10823

Ion Ratio Lower Upper

202 100

101 6.4 5.2 7.8

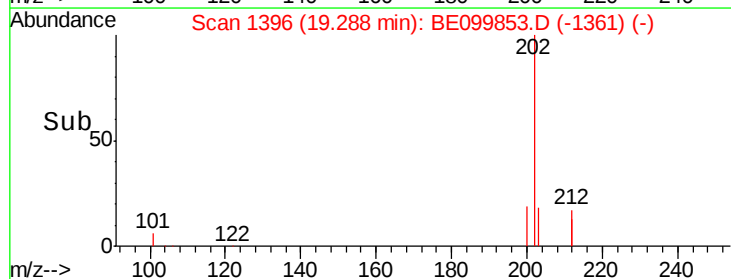
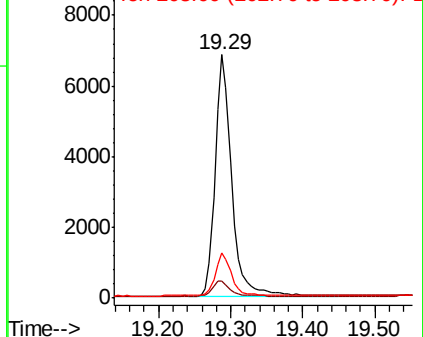
203 17.1 13.6 20.4

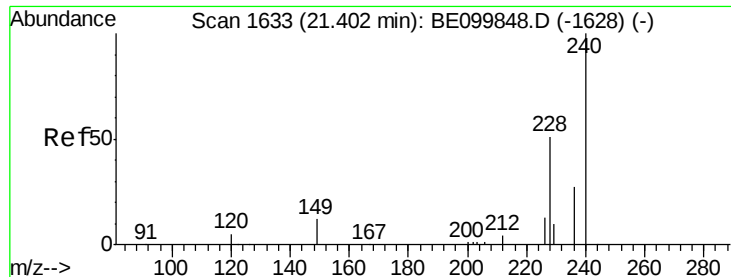


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

ClientSampleId :

ICVBE060719

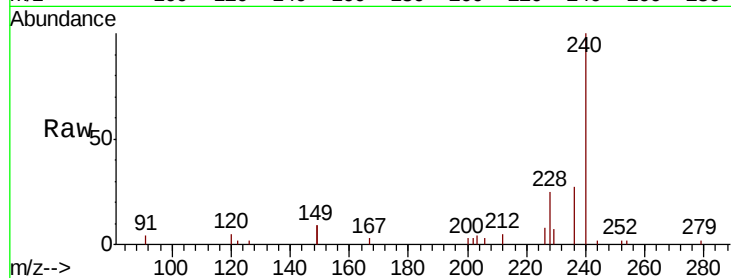
Tot Ion:240 Resp: 11360

Ion Ratio Lower Upper

240 100

120 4.5 2.8 4.2#

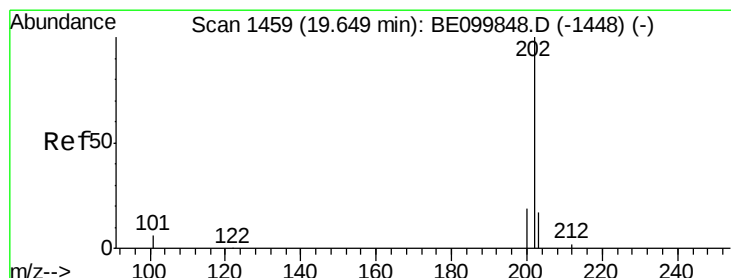
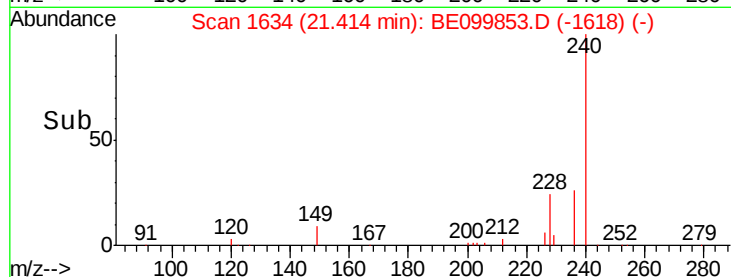
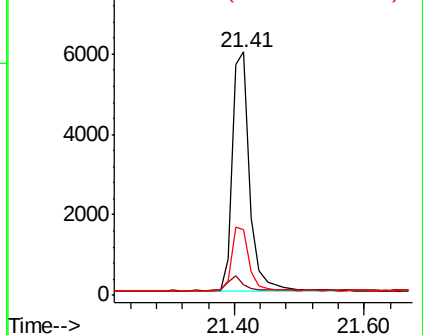
236 27.2 20.9 31.3



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: 0.384 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

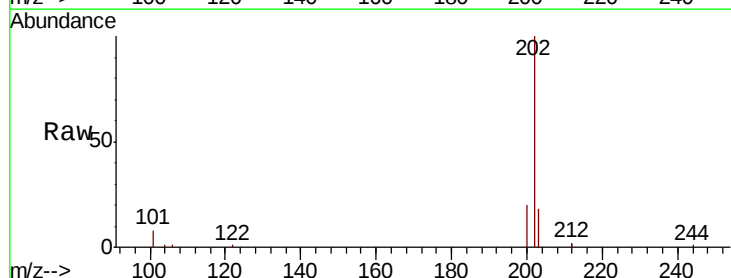
Tgt Ion:202 Resp: 11558

Ion Ratio Lower Upper

202 100

200 19.5 15.6 23.4

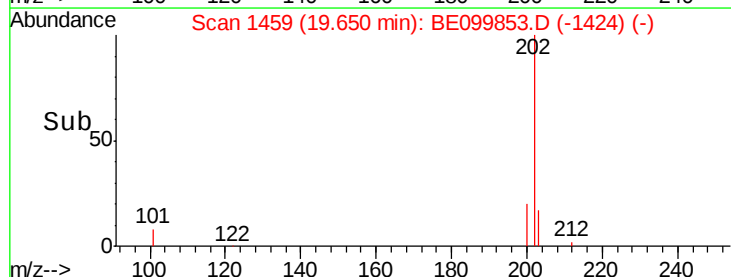
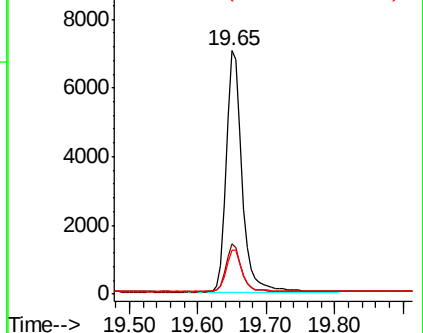
203 17.8 14.1 21.1

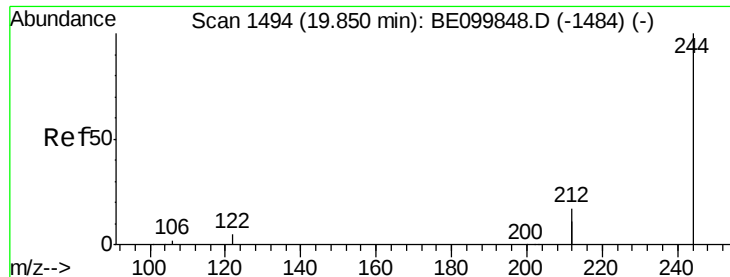


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.378 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

ClientSampleId :

ICVBE060719

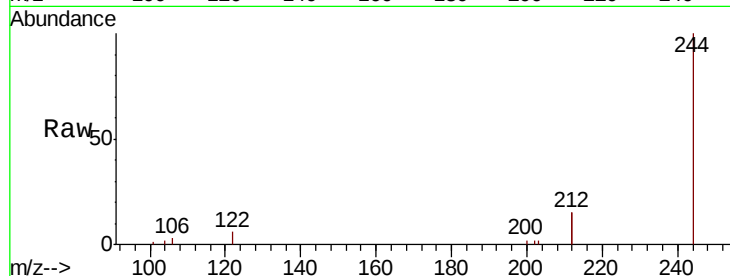
Tot Ion:244 Resp: 7998

Ion Ratio Lower Upper

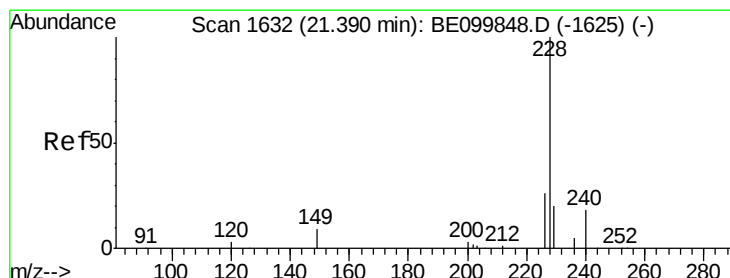
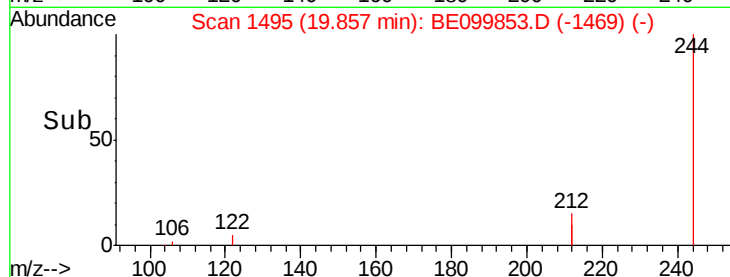
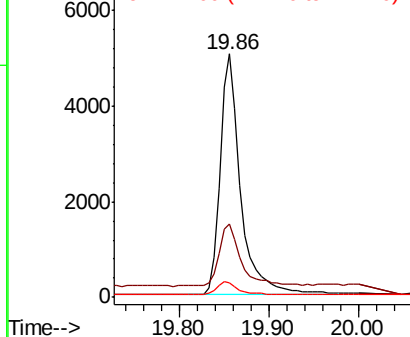
244 100

212 30.1 23.7 35.5

122 6.1 4.8 7.2



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: 0.411 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

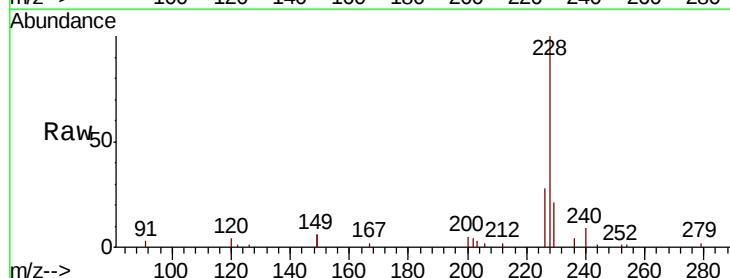
Tgt Ion:228 Resp: 14849

Ion Ratio Lower Upper

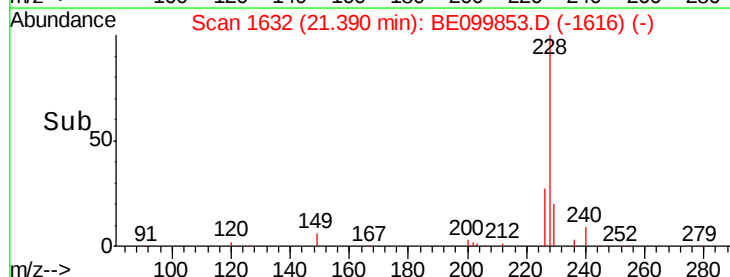
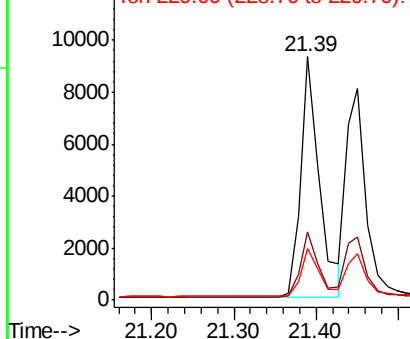
228 100

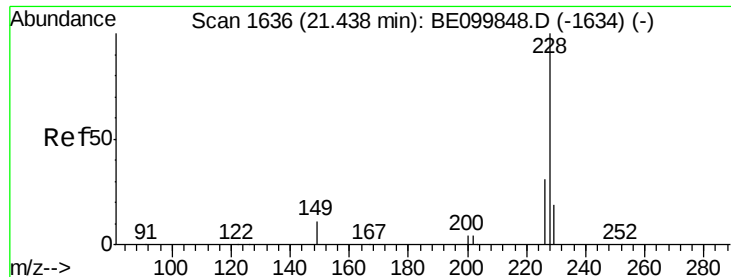
226 27.8 21.6 32.4

229 21.2 15.8 23.6



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





#31

Chrysene

Concen: 0.381 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

ClientSampleId :

ICVBE060719

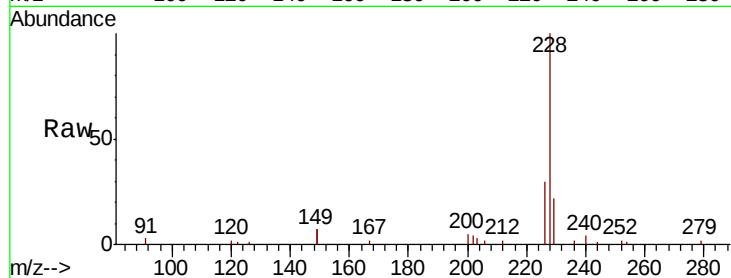
Tot Ion:228 Resp: 13489

Ion Ratio Lower Upper

228 100

226 30.0 22.9 34.3

229 22.1 16.4 24.6

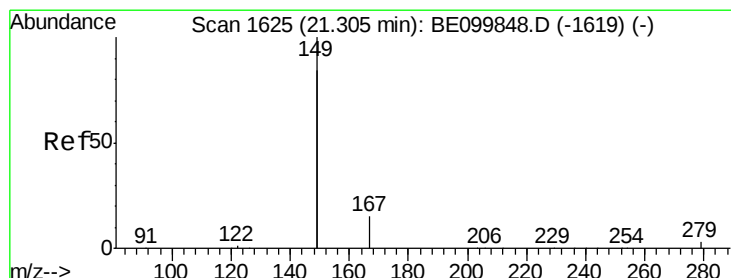
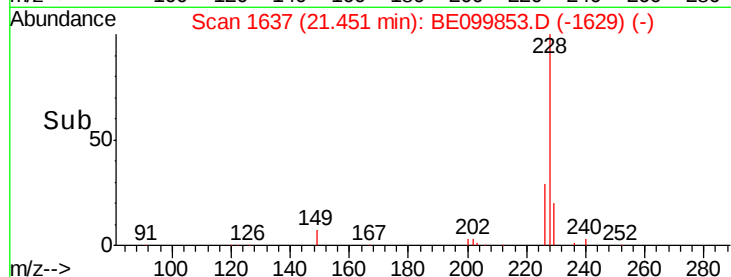
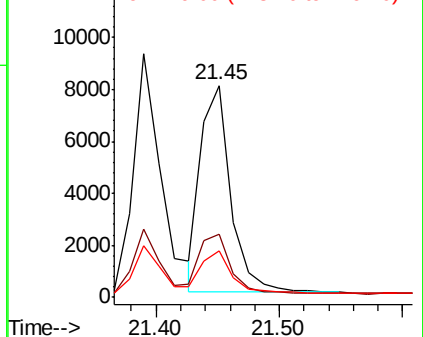


Abundance

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: 0.409 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

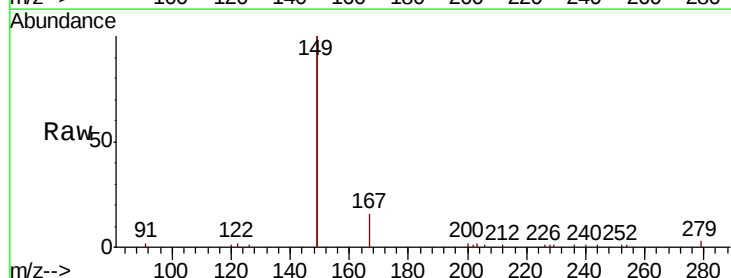
Tgt Ion:149 Resp: 24062

Ion Ratio Lower Upper

149 100

167 7.6 6.0 9.0

279 1.5 1.2 1.8

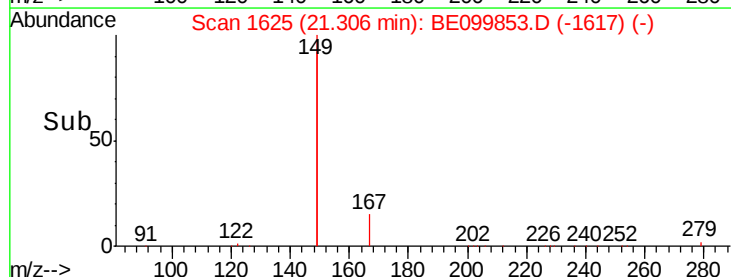
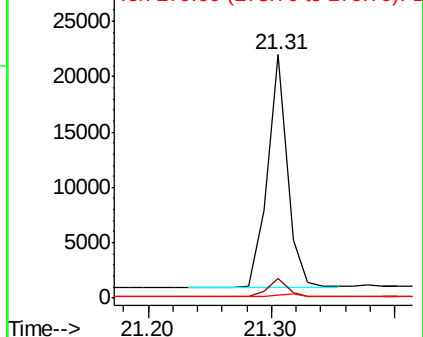


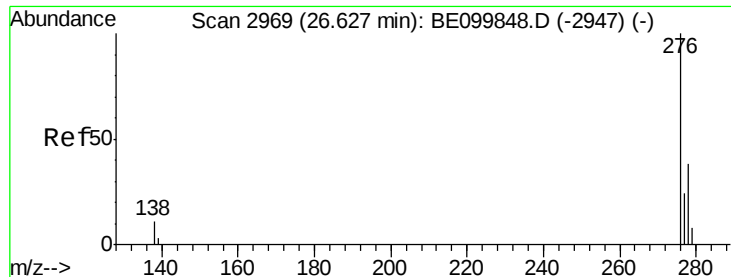
Abundance

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

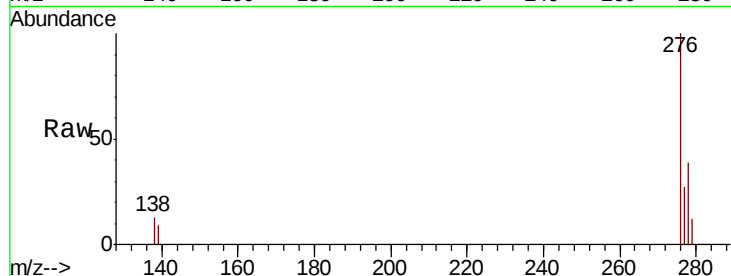




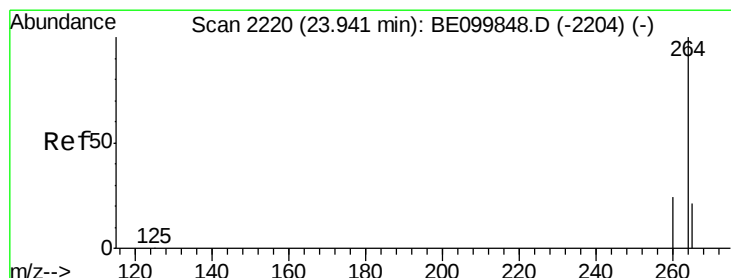
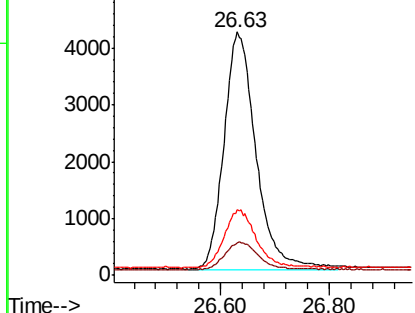
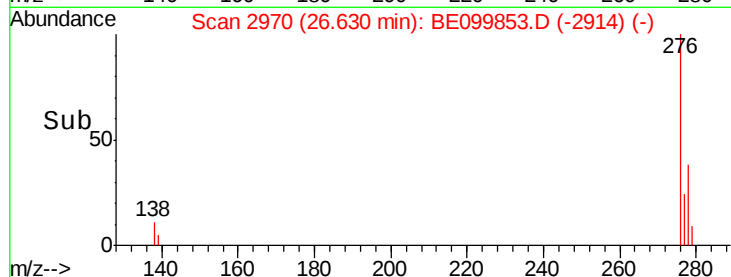
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 26.63 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tot Ion:276 Resp: 17096
Ion Ratio Lower Upper
276 100
138 11.8 10.3 15.5
277 24.0 19.4 29.2

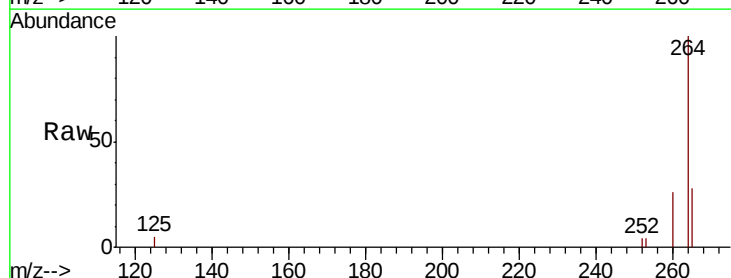


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

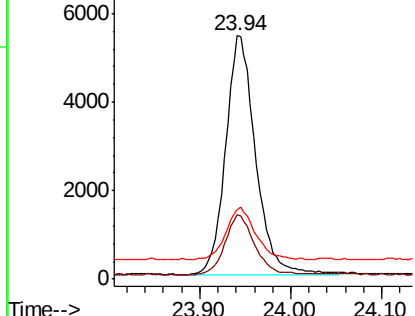
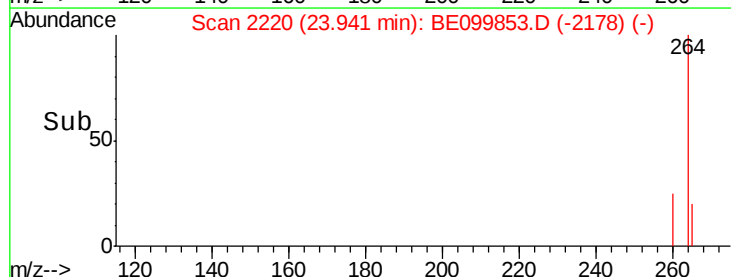


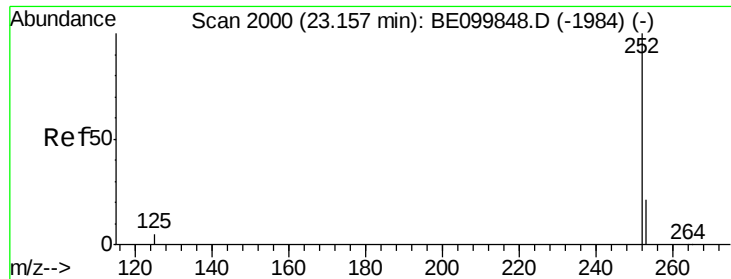
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion:264 Resp: 12376
Ion Ratio Lower Upper
264 100
260 26.4 20.0 30.0
265 28.4 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: 0.398 ng

RT: 23.21 min Scan# 2016

Delta R.T. 0.05 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

ClientSampleId :

ICVBE060719

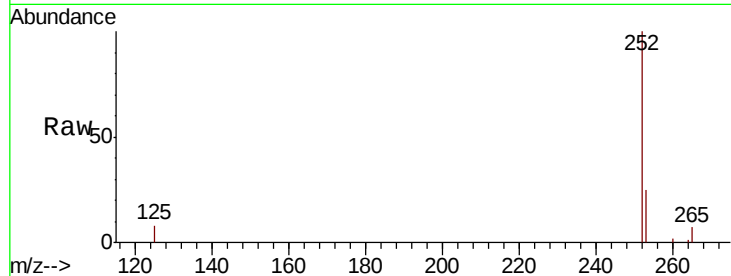
Tot Ion:252 Resp: 13690

Ion Ratio Lower Upper

252 100

253 24.6 18.9 28.3

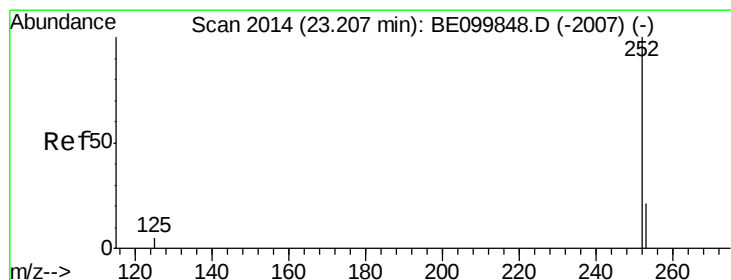
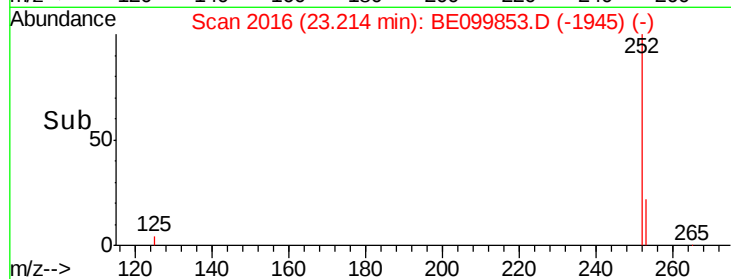
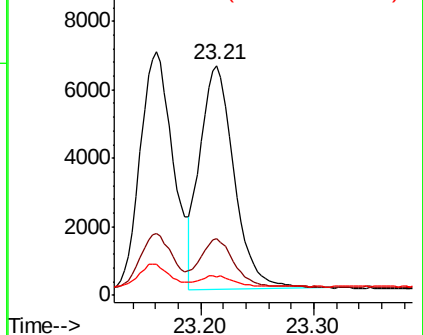
125 8.1 7.6 11.4



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



#36

Benzo(k)fluoranthene

Concen: 0.398 ng

RT: 23.21 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

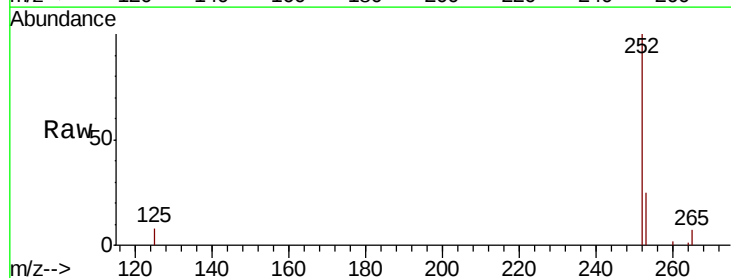
Tgt Ion:252 Resp: 13690

Ion Ratio Lower Upper

252 100

253 24.6 18.4 27.6

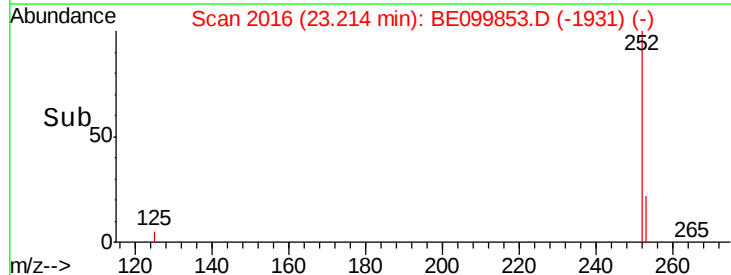
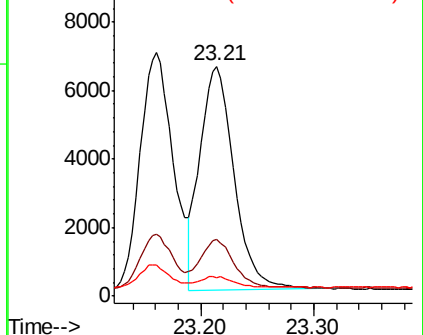
125 8.1 4.6 7.0#

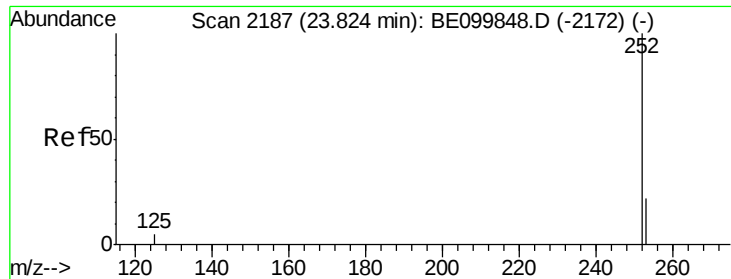


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.412 ng

RT: 23.83 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

ClientSampleId :

ICVBE060719

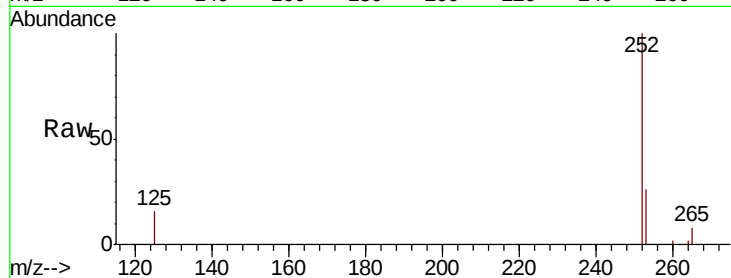
Tot Ion:252 Resp: 13731

Ion Ratio Lower Upper

252 100

253 26.0 19.3 28.9

125 15.7 10.2 15.4#

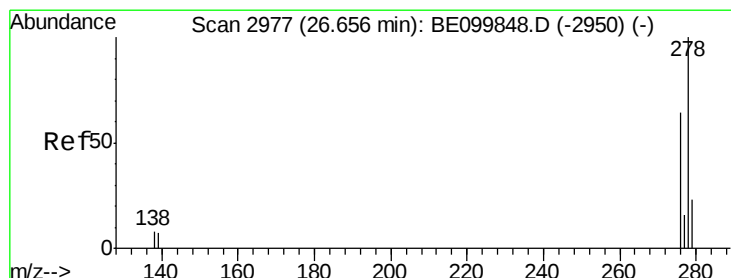
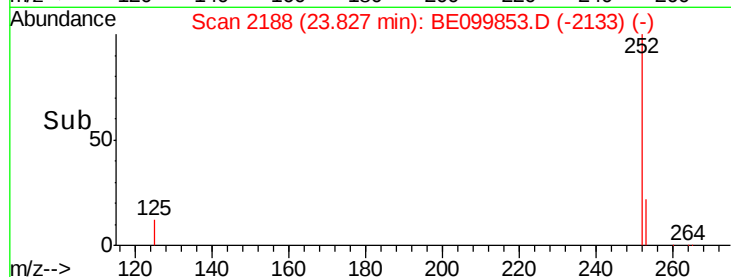
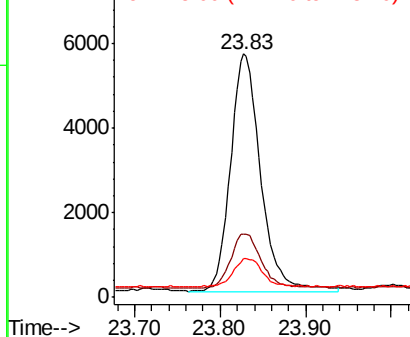


Abundance

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: 0.402 ng

RT: 26.66 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

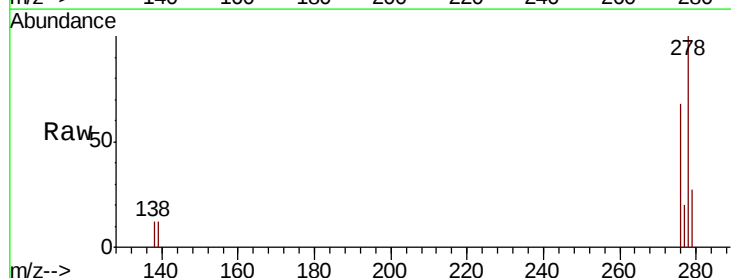
Tgt Ion:278 Resp: 13722

Ion Ratio Lower Upper

278 100

139 12.4 7.9 11.9#

279 27.3 18.5 27.7

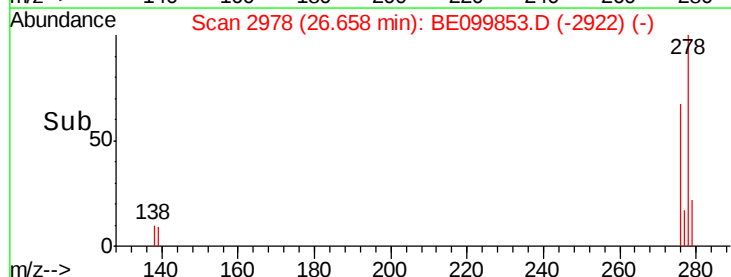
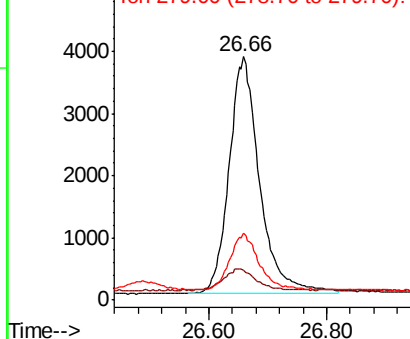


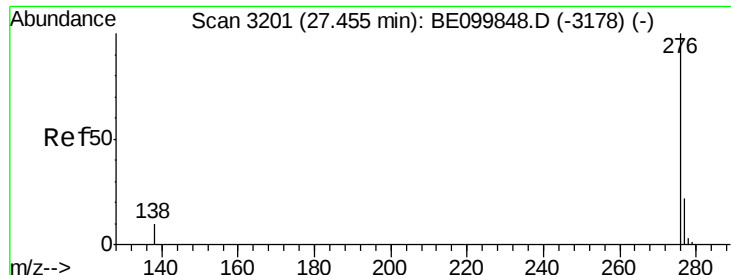
Abundance

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(a,h,i)perylene

Concen: 0.404 ng

RT: 27.46 min Scan# 3202

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

ClientSampleId :

ICVBE060719

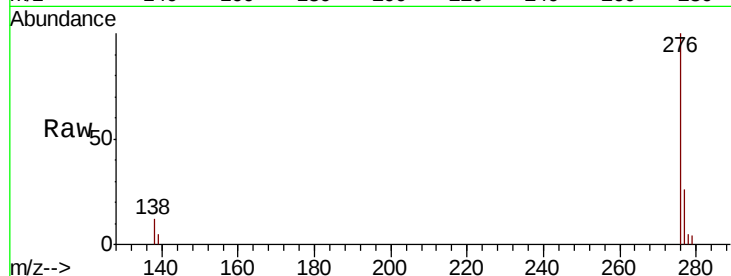
Tot Ion: 276 Resp: 13991

Ion Ratio Lower Upper

276 100

277 25.7 19.6 29.4

138 12.3 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

