

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061019\
 Data File : BE099902.D
 Acq On : 10 Jun 2019 22:19
 Operator : JU/SJ
 Sample : K3257-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE131D2-20190606

Quant Time: Jun 11 05:59:22 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 10 14:57:20 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	777	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2533	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2111	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6370	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9815	0.40	ng	0.00
34) Perylene-d12	23.93	264	11191	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	310	0.15	ng	0.00
5) Phenol-d6	6.97	99	234	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	896	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	1667	0.38	ng	0.02
14) 2,4,6-Tribromophenol	15.98	330	425	0.27	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	3280	0.41	ng	0.00
25) Fluoranthene-d10	19.25	212	36159	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	9561	0.54	ng	0.00

Target Compounds

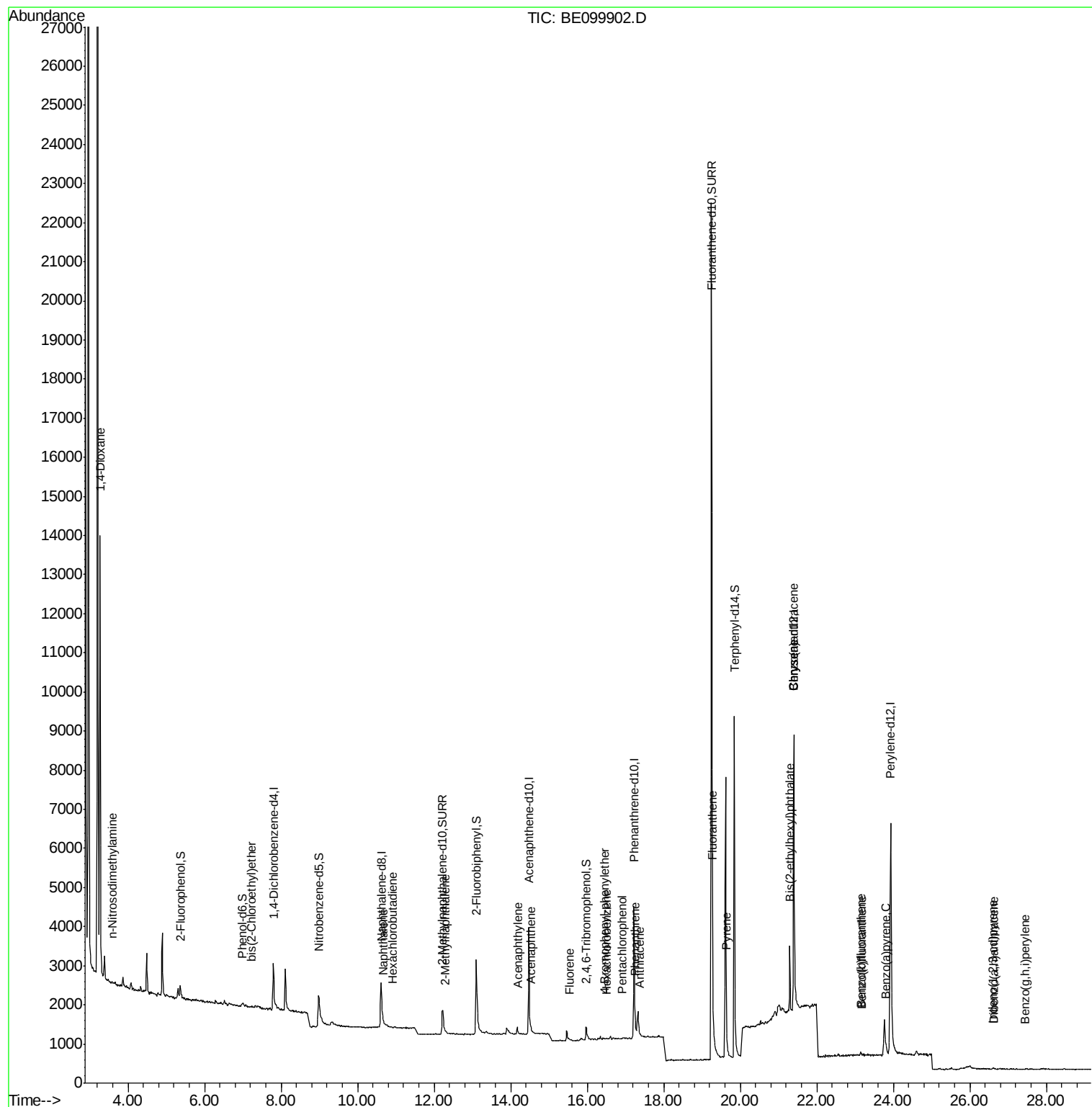
					Qvalue	
2) 1,4-Dioxane	3.27	88	8944	7.778	ng	95
3) n-Nitrosodimethylamine	3.59	42	41	0.062	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	16	0.007	ng	# 1
9) Naphthalene	10.67	128	136	0.005	ng	# 51
10) Hexachlorobutadiene	10.91	225	3	0.001	ng	# 18
12) 2-Methylnaphthalene	12.28	142	21	0.005	ng	# 57
16) Acenaphthylene	14.20	152	16	0.002	ng	# 78
17) Acenaphthene	14.53	154	16	0.003	ng	# 57
18) Fluorene	15.53	166	22	0.003	ng	# 61
20) 4-Bromophenyl-phenylether	16.45	248	2	0.001	ng	# 61
21) Hexachlorobenzene	16.49	284	2	0.001	ng	# 48
22) Pentachlorophenol	16.92	266	24	0.313	ng	# 84
23) Phenanthrene	17.25	178	67	0.004	ng	# 92
24) Anthracene	17.36	178	9	0.001	ng	# 24
26) Fluoranthene	19.28	202	24	0.001	ng	# 67
28) Pyrene	19.64	202	143	0.006	ng	# 79
30) Benzo(a)anthracene	21.40	228	37	0.001	ng	# 1
31) Chrysene	21.40	228	25	0.001	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.29	149	1839	0.044	ng	# 96
33) Indeno(1,2,3-cd)pyrene	26.61	276	1	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.15	252	25	0.001	ng	# 1
36) Benzo(k)fluoranthene	23.18	252	7	0.000	ng	# 1
37) Benzo(a)pyrene	23.81	252	7	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.63	278	1	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.43	276	3	0.000	ng	# 1

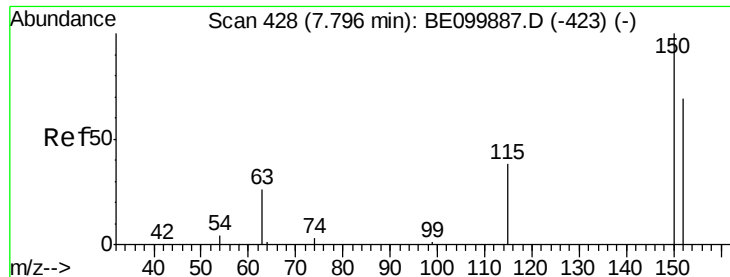
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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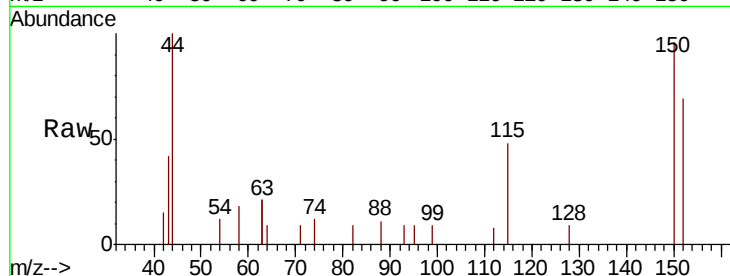


#1

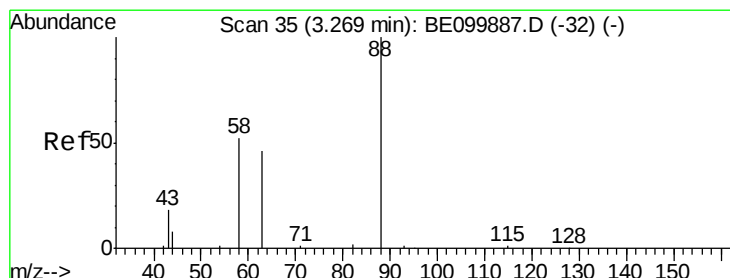
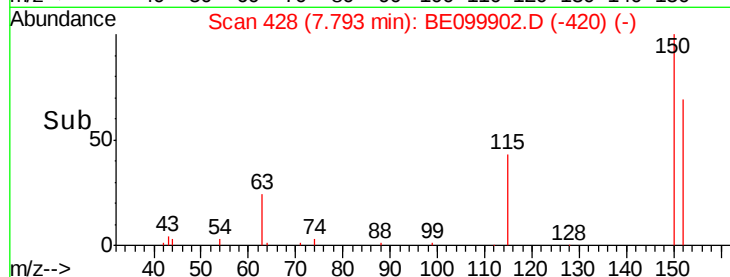
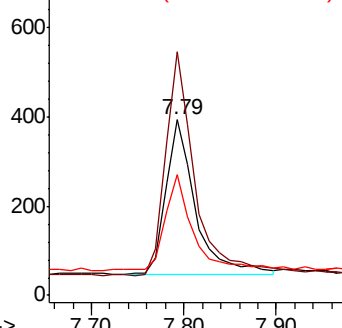
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099902.D
Acq: 10 Jun 2019 22:19

Instrument :
BNA_E
ClientSampleId :
RE131D2-20190606

Tgt Ion: 152 Resp: 777
Ion Ratio Lower Upper
152 100
150 138.6 111.0 166.6
115 68.8 50.7 76.1



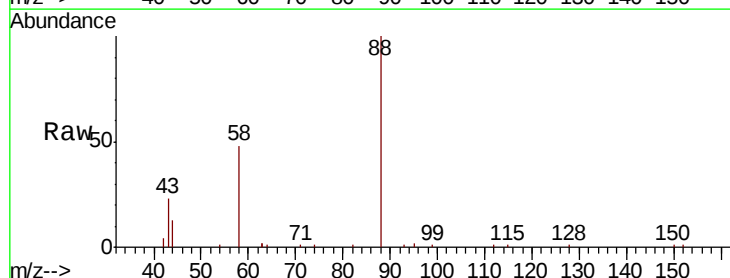
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



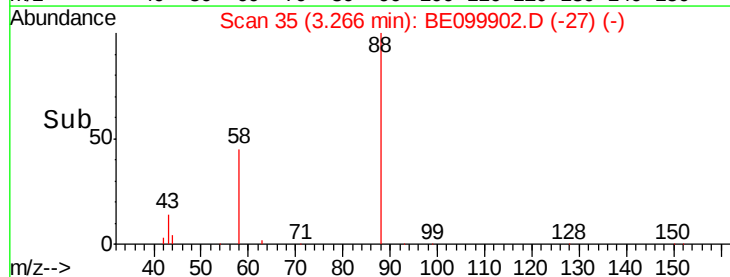
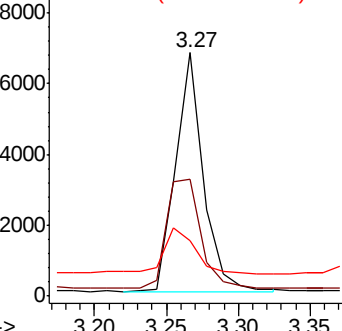
#2

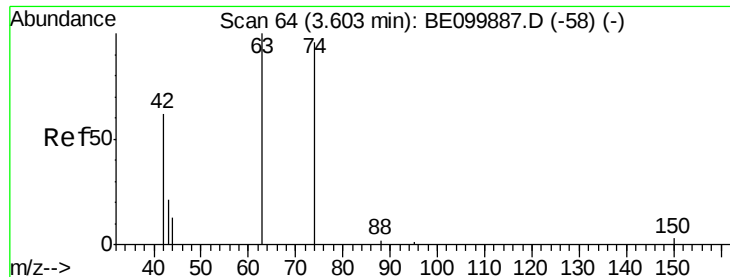
1,4-Dioxane
Concen: 7.778 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099902.D
Acq: 10 Jun 2019 22:19

Tgt Ion: 88 Resp: 8944
Ion Ratio Lower Upper
88 100
58 56.1 48.8 73.2
43 22.7 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: 0.062 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

Instrument :

BNA_E

ClientSampleId :

RE131D2-20190606

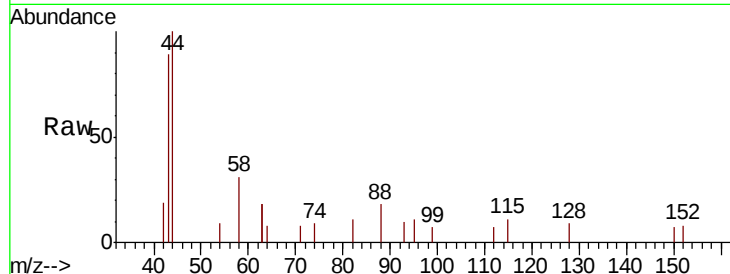
Tgt Ion: 42 Resp: 41

Ion Ratio Lower Upper

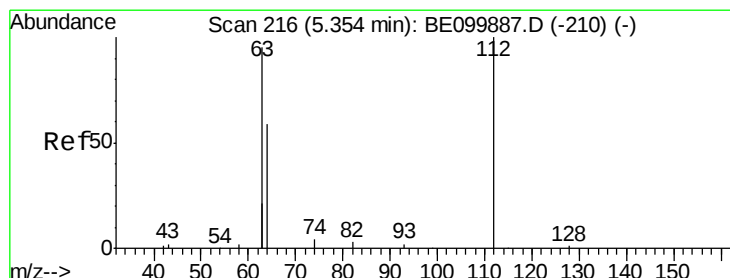
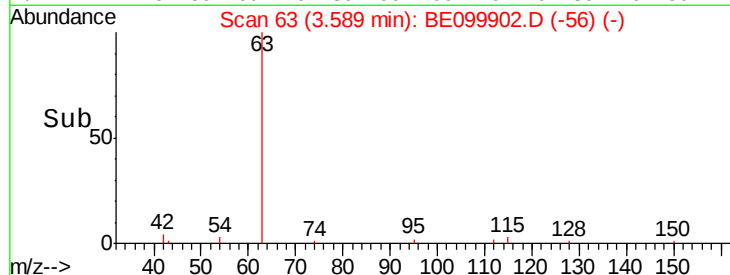
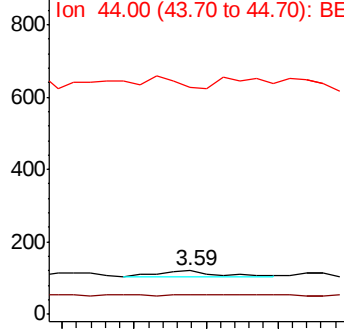
42 100

74 9.8 0.0 0.0#

44 0.0 0.0 0.0



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



#4

2-Fluorophenol

Concen: 0.148 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

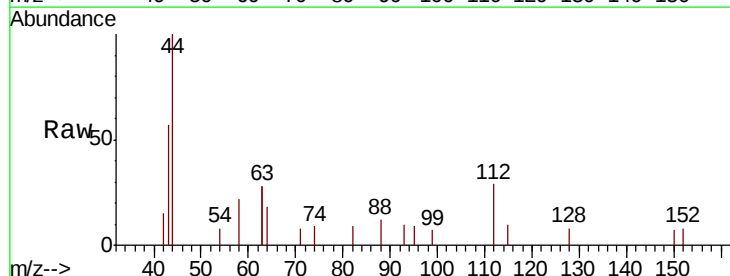
Tgt Ion: 112 Resp: 310

Ion Ratio Lower Upper

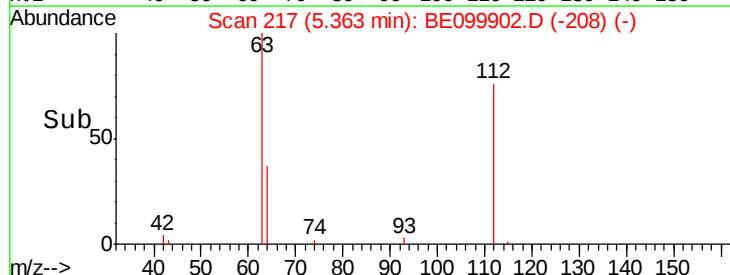
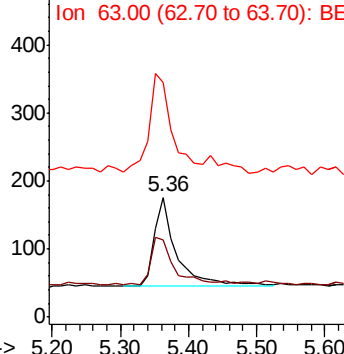
112 100

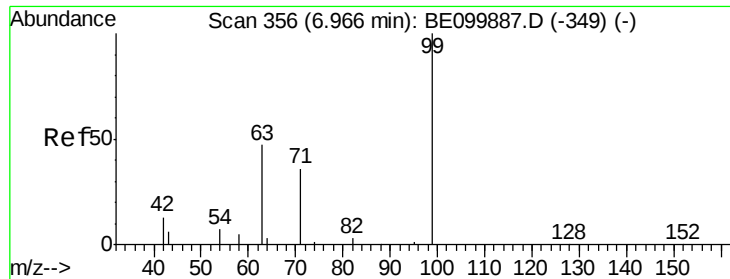
64 57.4 44.1 66.1

63 107.1 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: 0.087 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

Instrument :

BNA_E

ClientSampleId :

RE131D2-20190606

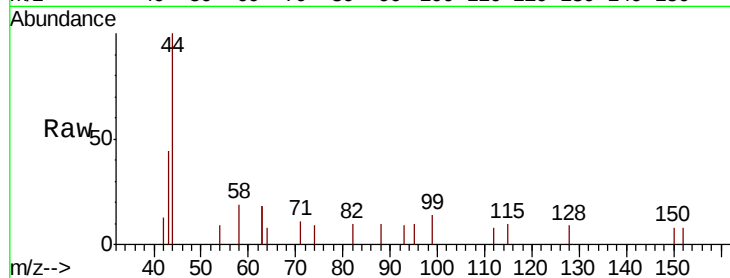
Tgt Ion: 99 Resp: 234

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

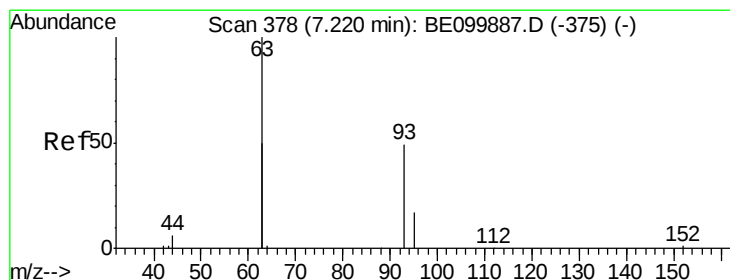
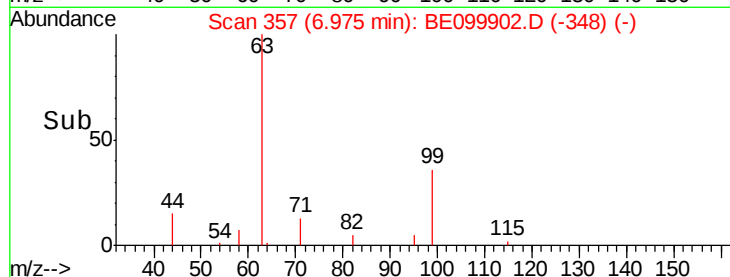
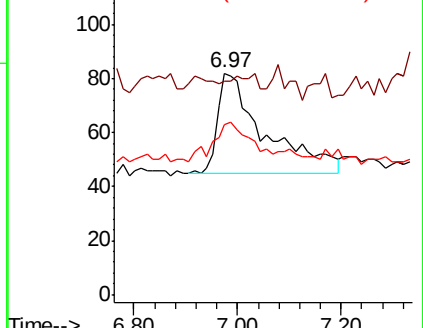
71 27.8 34.6 52.0#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.007 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

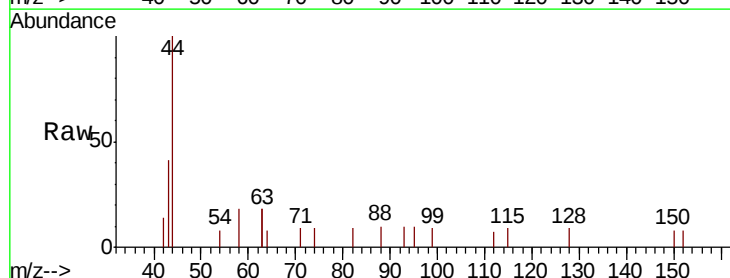
Tgt Ion: 93 Resp: 16

Ion Ratio Lower Upper

93 100

63 0.0 202.8 304.2#

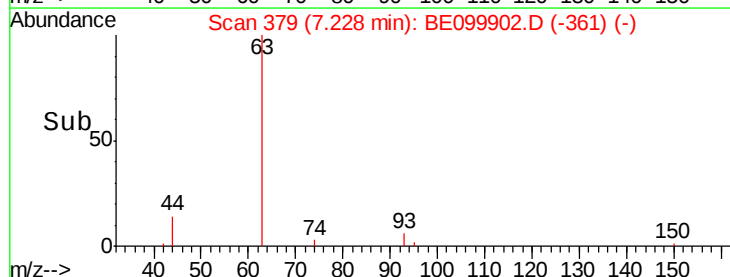
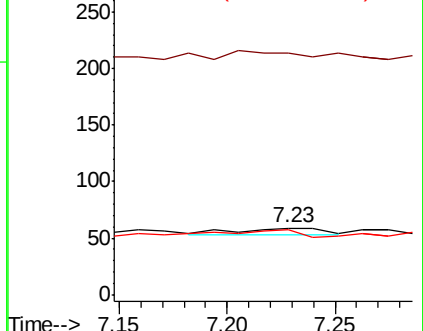
95 68.8 23.7 35.5#

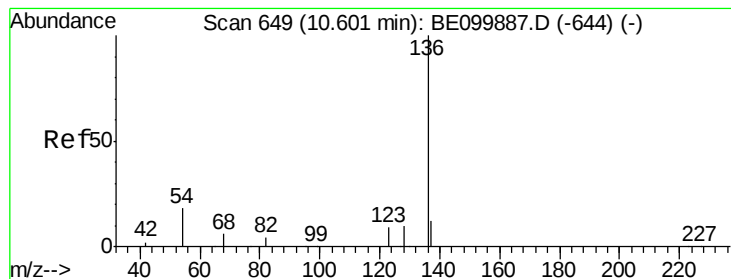


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

Instrument :

BNA_E

ClientSampleId :

RE131D2-20190606

Tgt Ion: 136 Resp: 2533

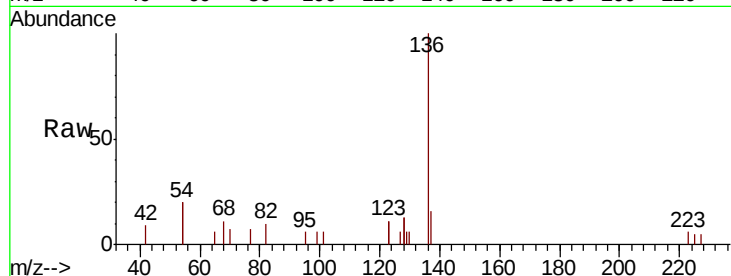
Ion Ratio Lower Upper

136 100

137 15.9 12.3 18.5

54 39.7 28.2 42.4

68 10.8 7.8 11.8

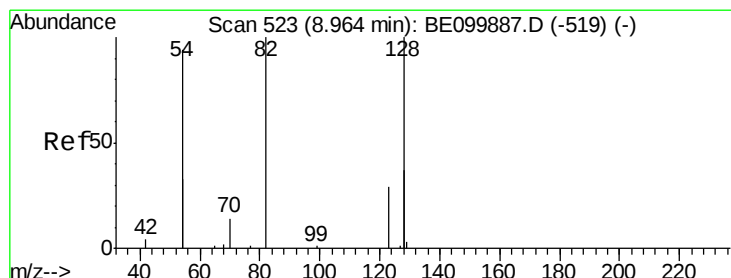
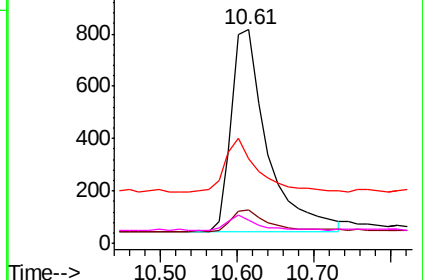
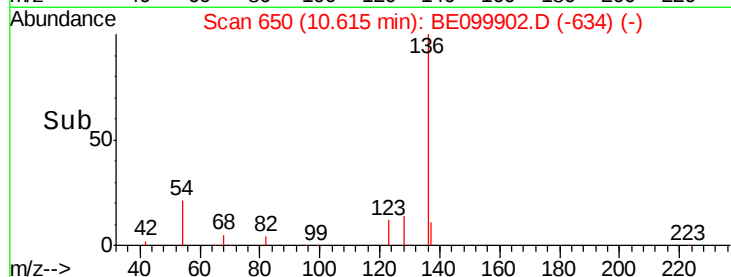


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.374 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

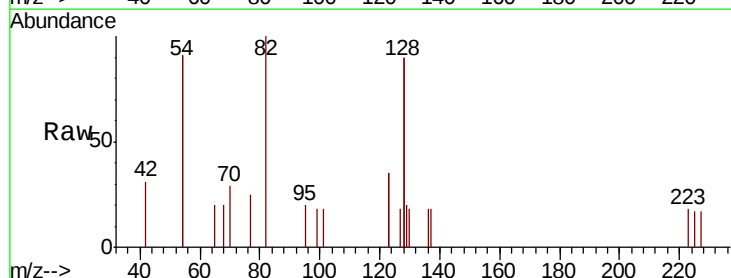
Tgt Ion: 82 Resp: 896

Ion Ratio Lower Upper

82 100

128 180.9 137.3 205.9

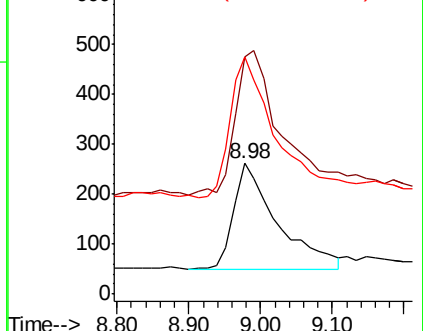
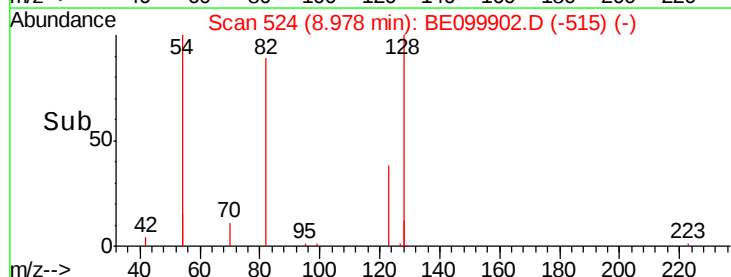
54 181.7 129.7 194.5

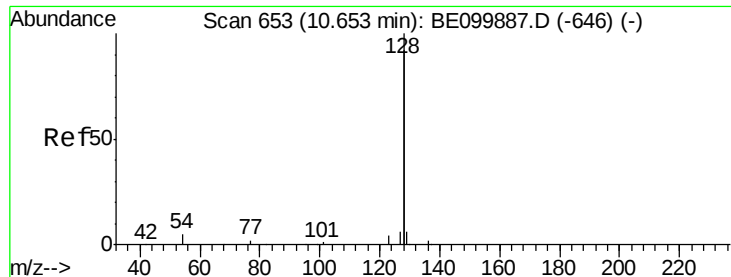


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.005 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.01 min

Lab File: BE099902.D

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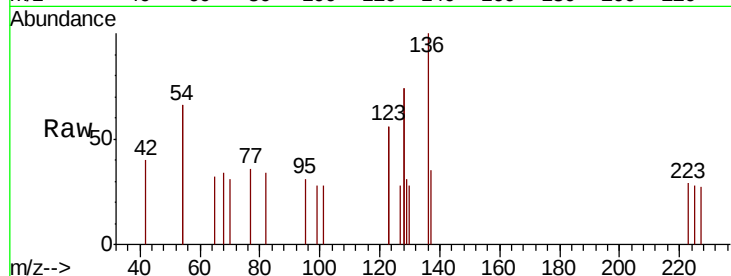
Tgt Ion:128 Resp: 136

Ion Ratio Lower Upper

128 100

129 21.1 3.0 4.6#

127 19.0 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

10.67

250

200

150

100

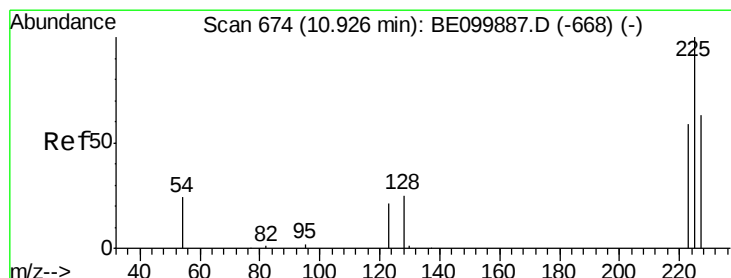
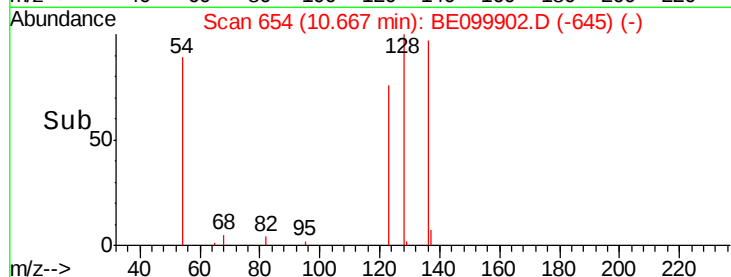
50

0

10.60

10.70

Time-->



#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

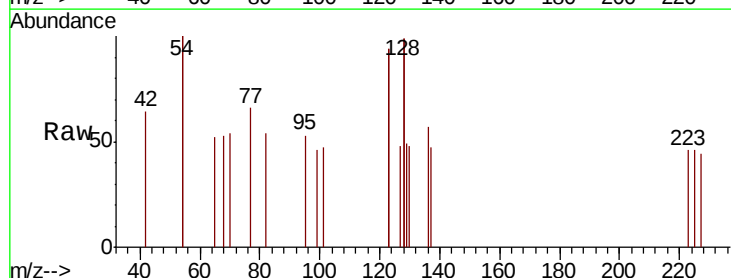
Tgt Ion:225 Resp: 3

Ion Ratio Lower Upper

225 100

223 0.0 51.6 77.4#

227 0.0 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

10.91

60

40

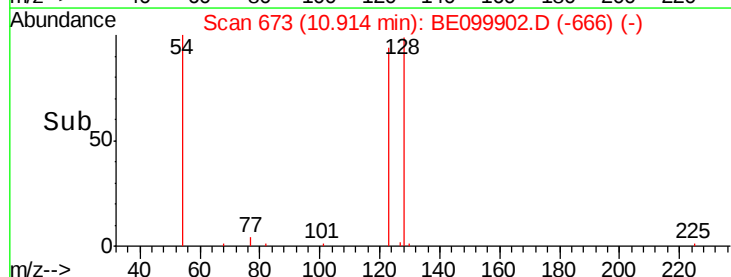
20

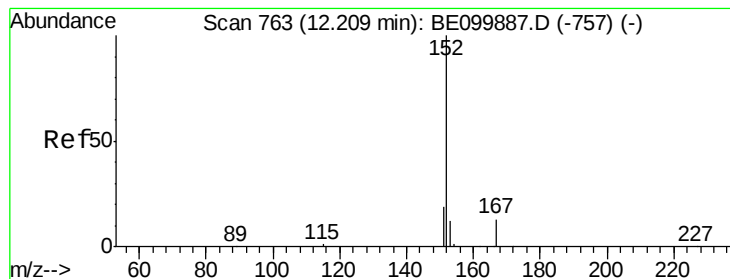
0

10.90

10.95

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.377 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.02 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

Instrument :

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ClientSampleId :

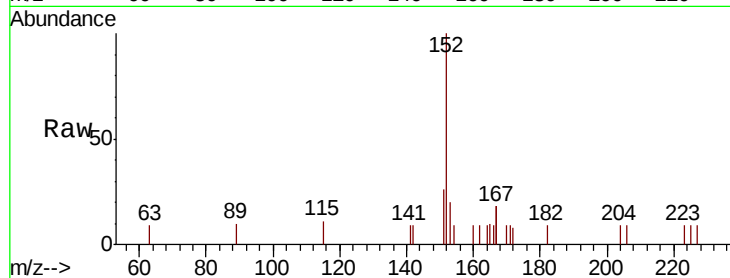
RE131D2-20190606

Tgt Ion:152 Resp: 1667

Ion Ratio Lower Upper

152 100

151 16.8 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

500

400

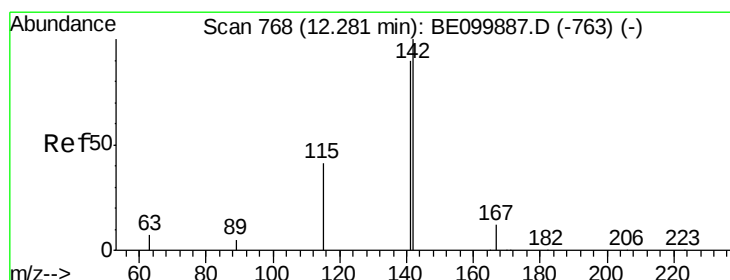
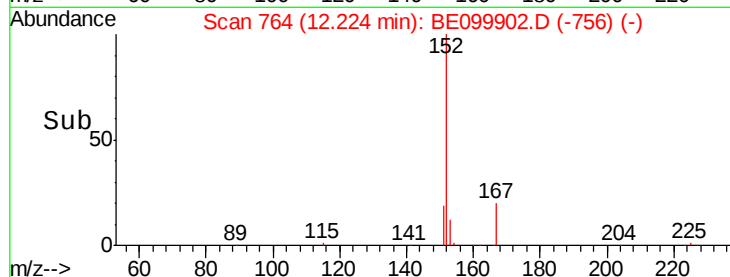
300

200

100

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.005 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

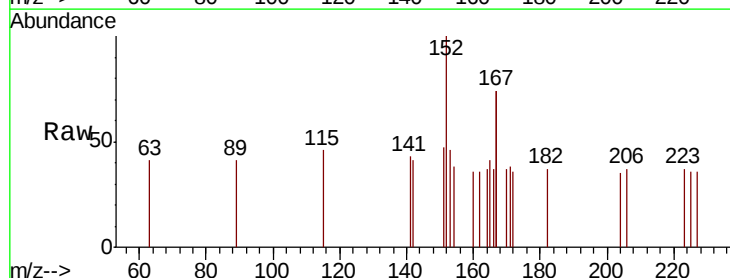
Tgt Ion:142 Resp: 21

Ion Ratio Lower Upper

142 100

141 103.9 72.3 108.5

115 111.8 36.4 54.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.28

60

50

40

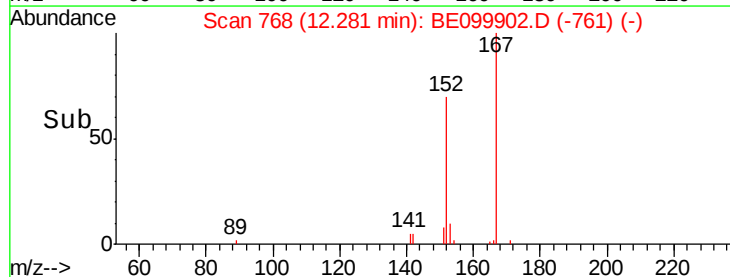
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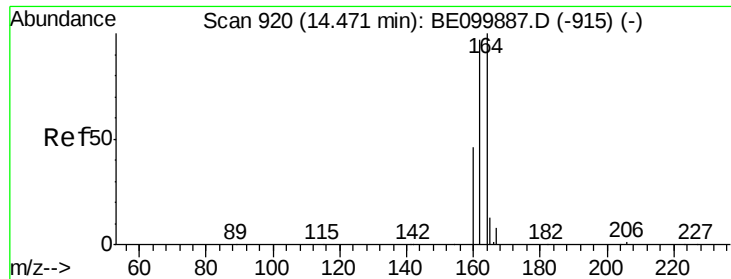
20

10

0

Time-->

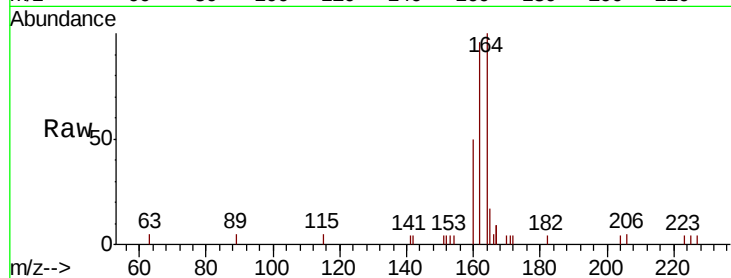




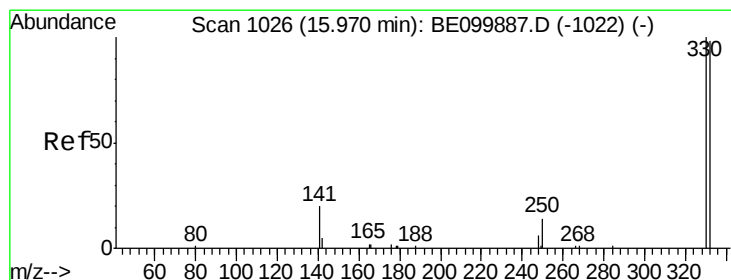
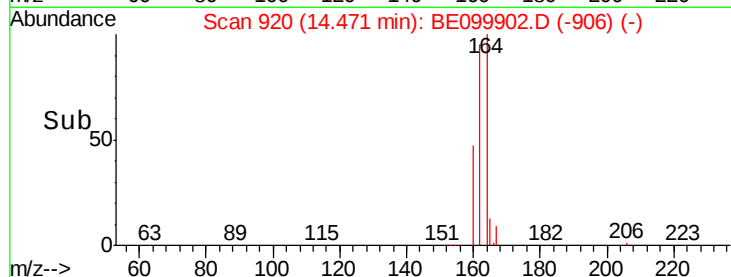
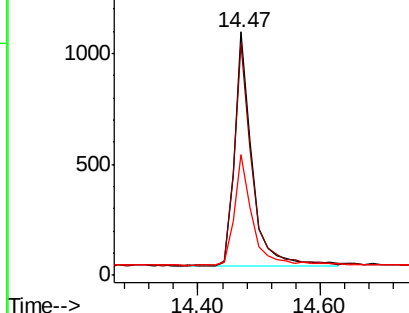
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE099902.D
 Acq: 10 Jun 2019 22:19

Instrument :
 BNA_E
 ClientSampleId :
 RE131D2-20190606

Tgt Ion:164 Resp: 2111
 Ion Ratio Lower Upper
 164 100
 162 95.5 77.8 116.8
 160 49.6 38.2 57.4

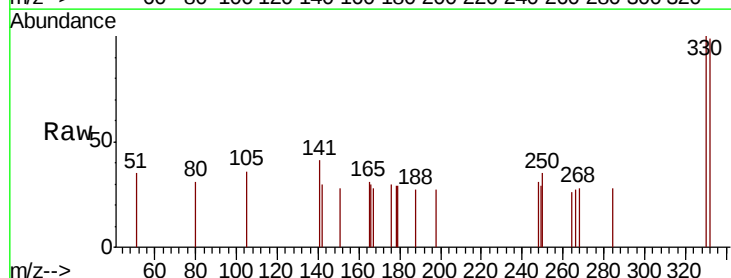


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

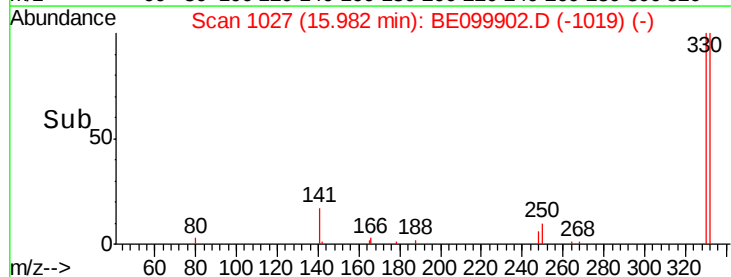
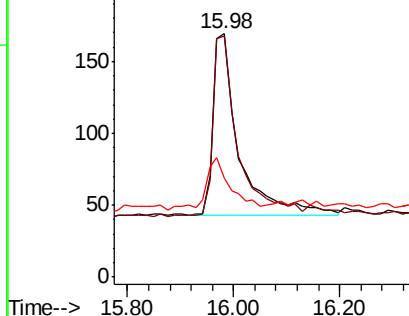


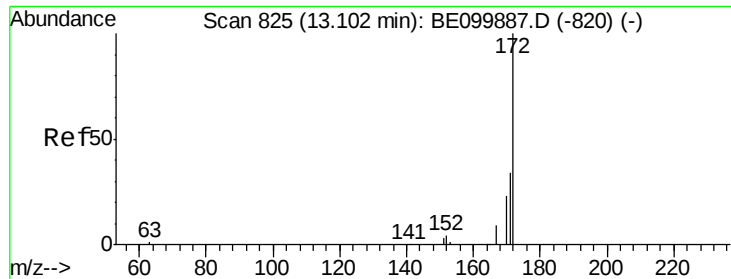
#14
 2,4,6-Tribromophenol
 Concen: 0.272 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE099902.D
 Acq: 10 Jun 2019 22:19

Tgt Ion:330 Resp: 425
 Ion Ratio Lower Upper
 330 100
 332 93.6 76.7 115.1
 141 22.1 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

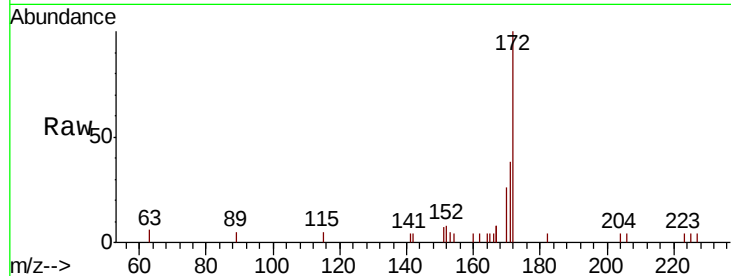




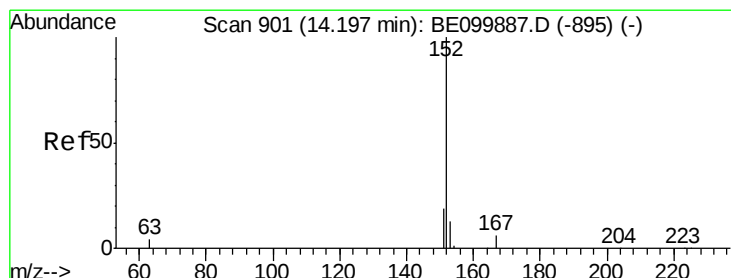
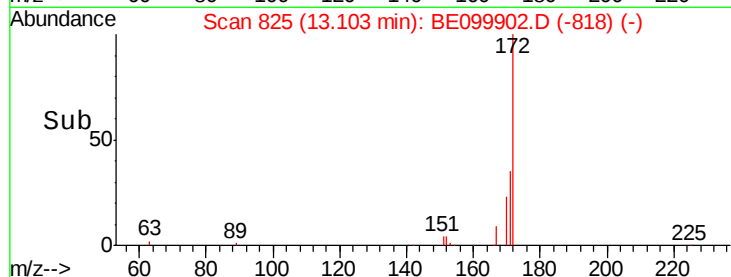
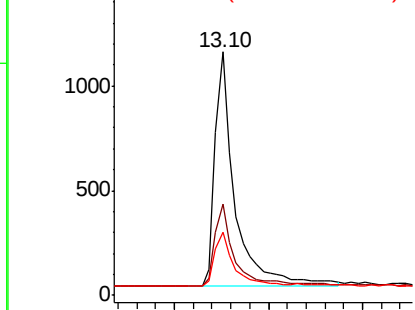
#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099902.D
Acq: 10 Jun 2019 22:19

Instrument :
BNA_E
ClientSampleId :
RE131D2-20190606

Tgt Ion:172 Resp: 3280
Ion Ratio Lower Upper
172 100
171 37.7 29.2 43.8
170 26.0 21.2 31.8

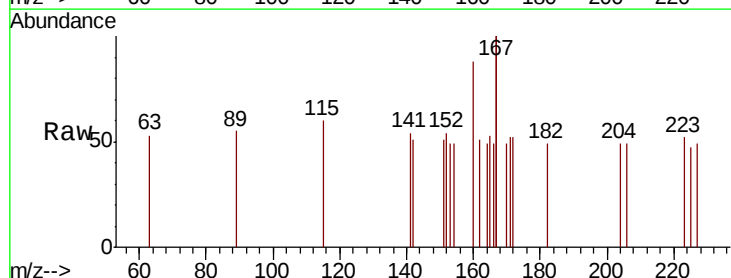


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

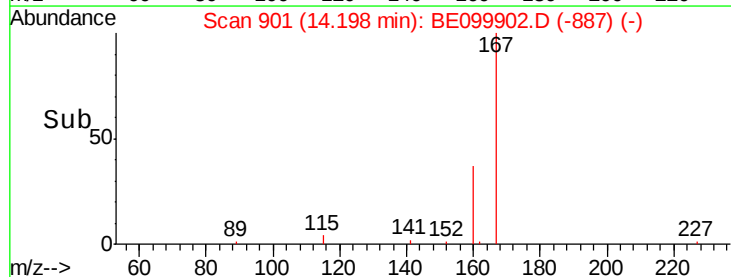
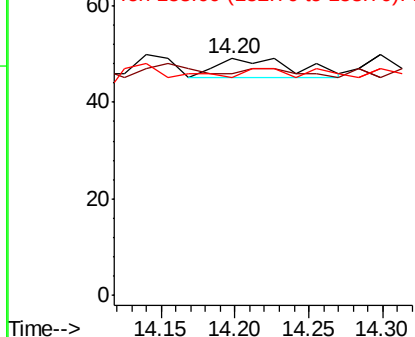


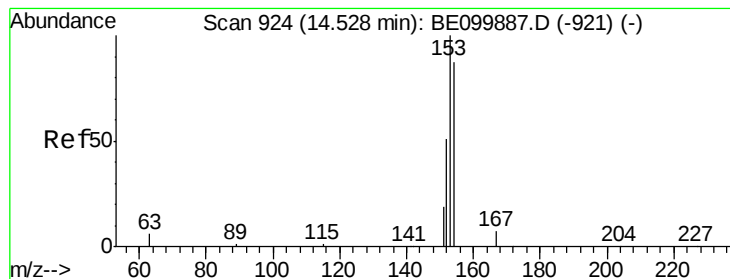
#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099902.D
Acq: 10 Jun 2019 22:19

Tgt Ion:152 Resp: 16
Ion Ratio Lower Upper
152 100
151 31.3 15.5 23.3#
153 18.8 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: 0.003 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

Instrument :

BNA_E

ClientSampleId :

RE131D2-20190606

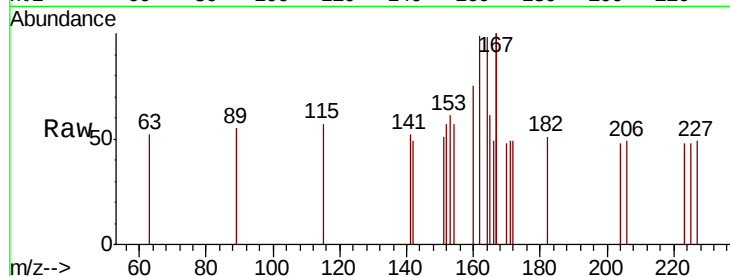
Tgt Ion:154 Resp: 16

Ion Ratio Lower Upper

154 100

153 156.3 93.1 139.7#

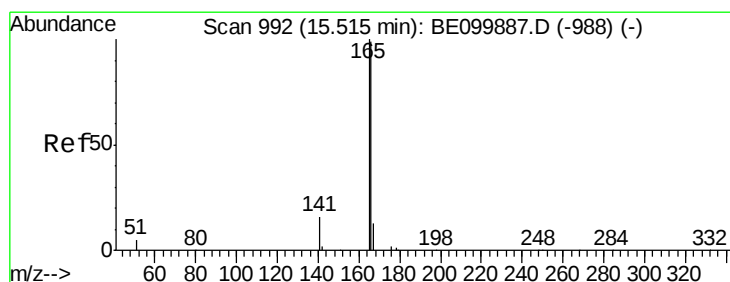
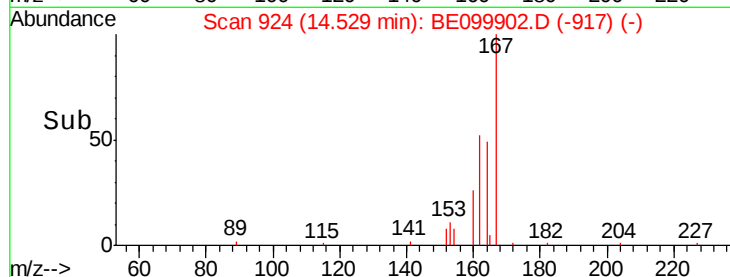
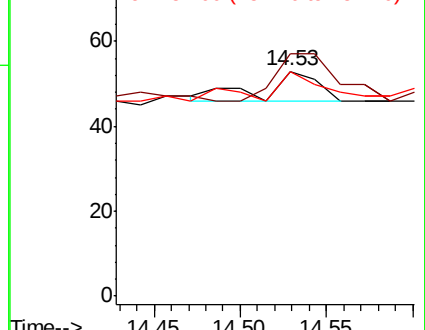
152 100.0 47.0 70.4#



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: 0.003 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

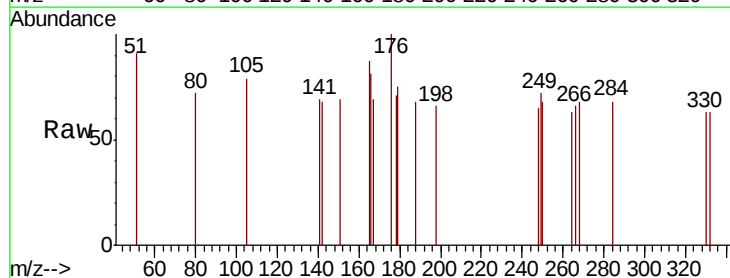
Tgt Ion:166 Resp: 22

Ion Ratio Lower Upper

166 100

165 145.5 81.8 122.8#

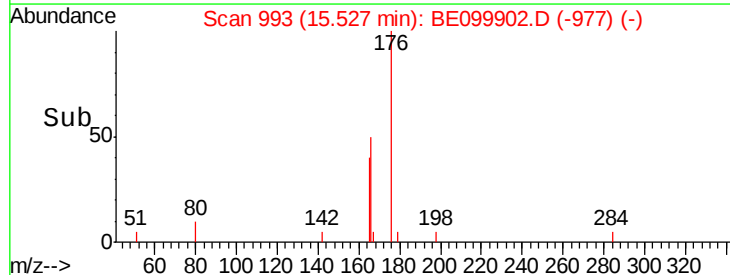
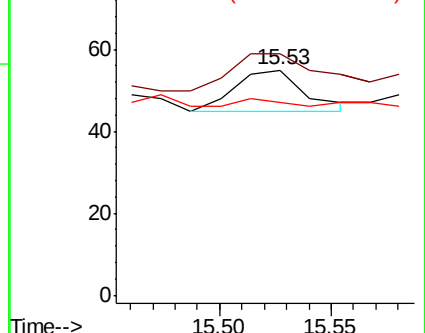
167 18.2 11.2 16.8#

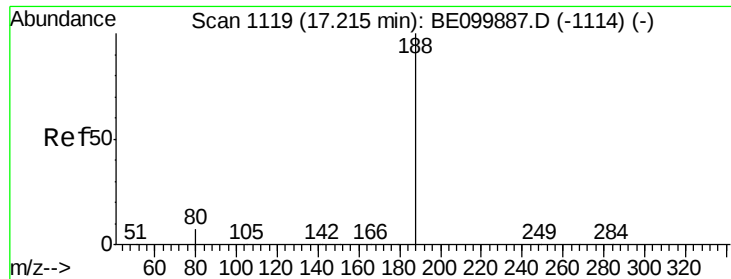


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

Instrument :

BNA_E

ClientSampleId :

RE131D2-20190606

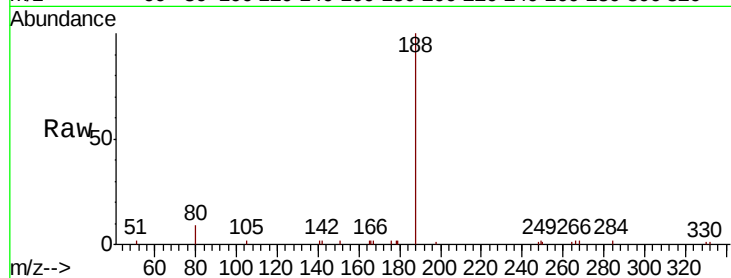
Tgt Ion:188 Resp: 6370

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

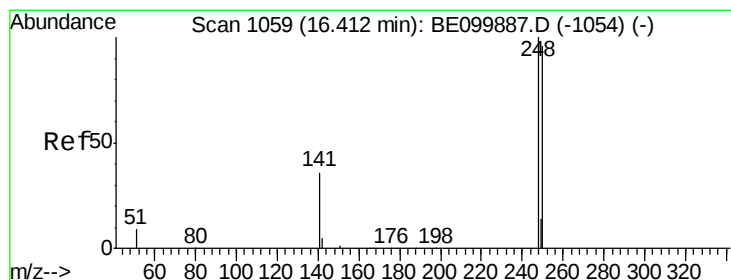
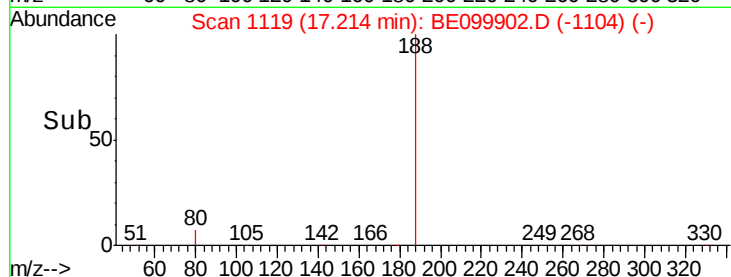
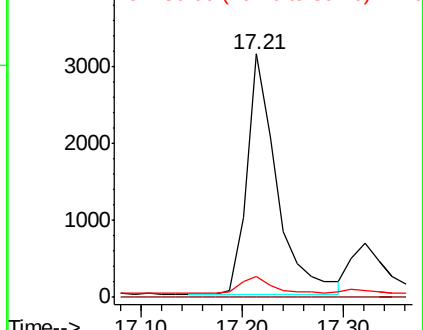
80 8.8 6.4 9.6



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: 0.001 ng

RT: 16.45 min Scan# 1062

Delta R.T. 0.04 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

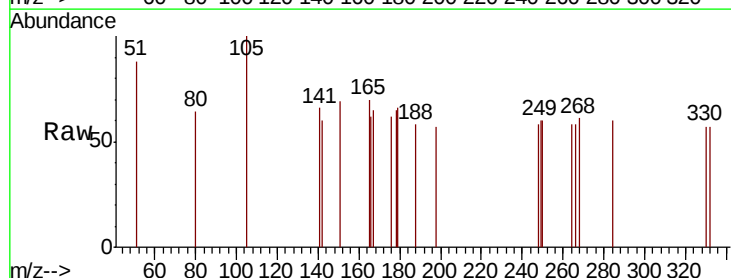
Tgt Ion:248 Resp: 2

Ion Ratio Lower Upper

248 100

250 102.2 77.5 116.3

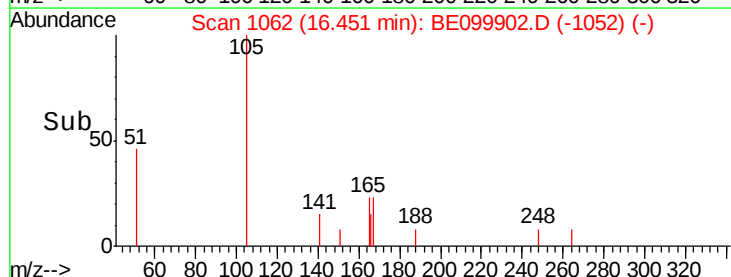
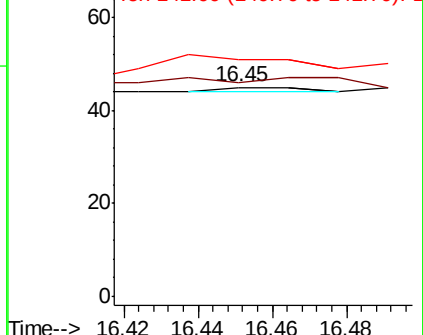
141 113.3 31.8 47.8#

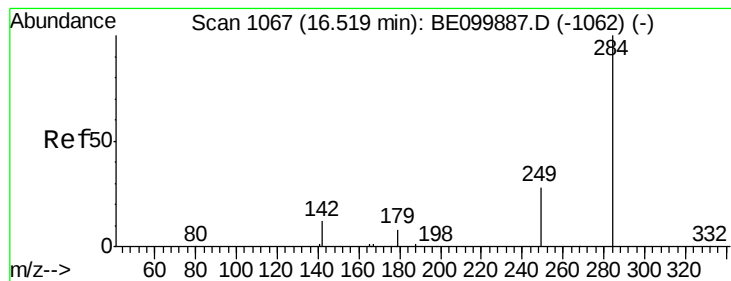


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

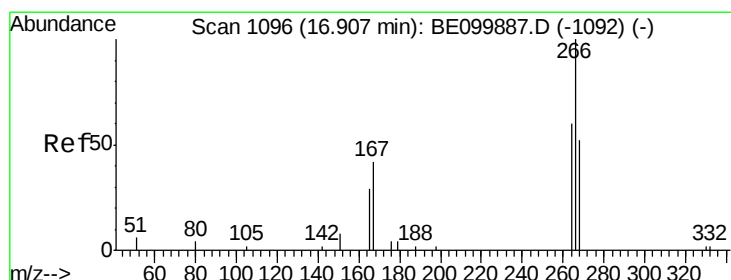
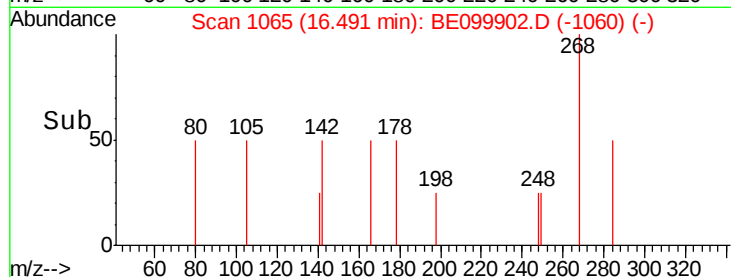
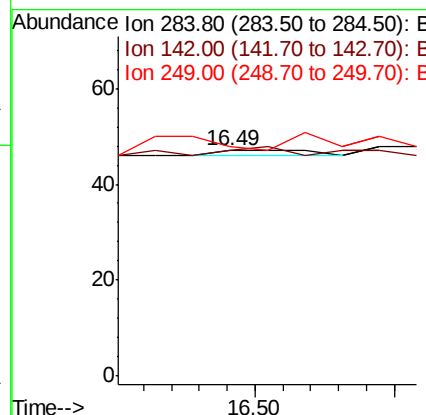
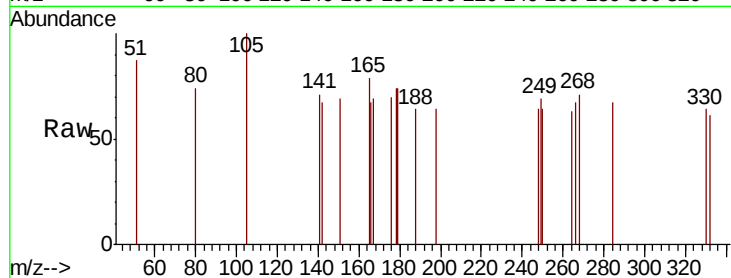
Instrument :

BNA_E

ClientSampleId :

RE131D2-20190606

Tgt Ion:	284	Resp:	2
Ion Ratio	Lower	Upper	
284	100		
142	0.0	18.2	27.4#
249	0.0	24.6	37.0#



#22

Pentachlorophenol

Concen: 0.313 ng

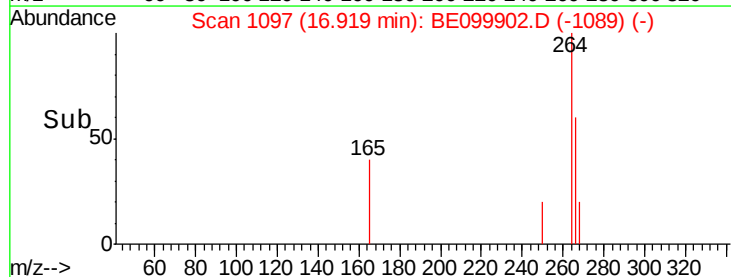
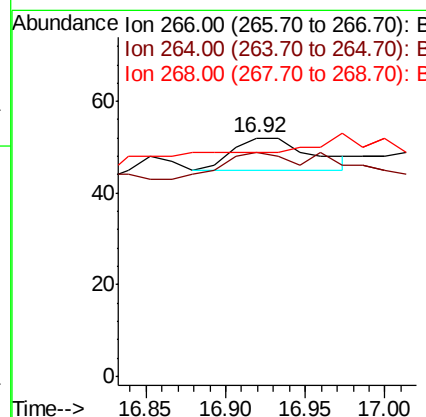
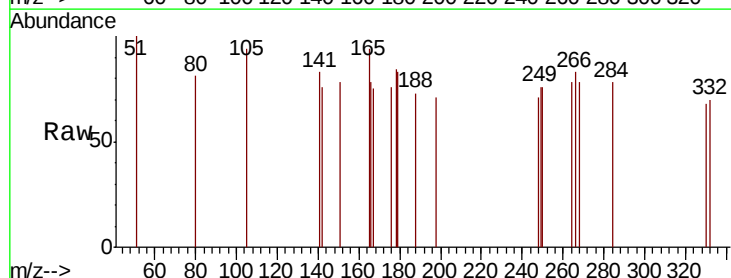
RT: 16.92 min Scan# 1097

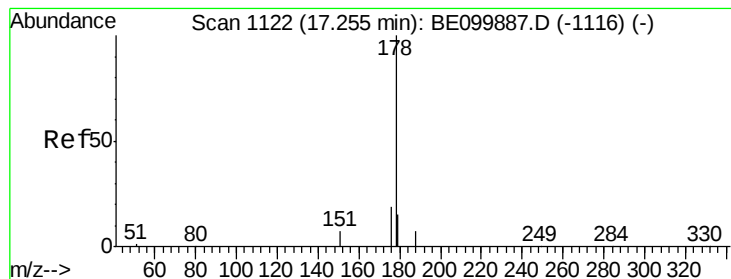
Delta R.T. 0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

Tgt Ion:	266	Resp:	24
Ion Ratio	Lower	Upper	
266	100		
264	94.2	62.2	93.2#
268	94.2	65.5	98.3





#23

Phenanthrene

Concen: 0.004 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

Instrument :

BNA_E

ClientSampleId :

RE131D2-20190606

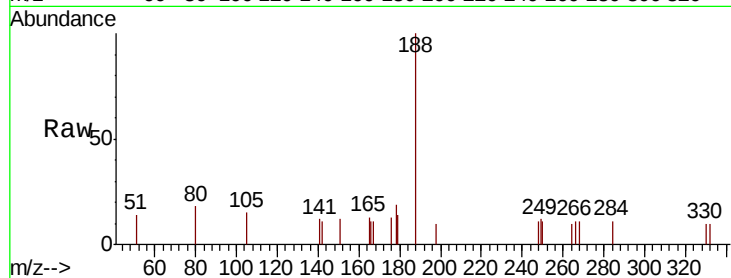
Tgt Ion:178 Resp: 67

Ion Ratio Lower Upper

178 100

176 22.4 15.8 23.8

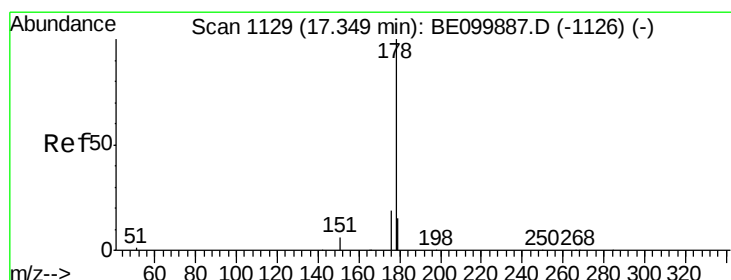
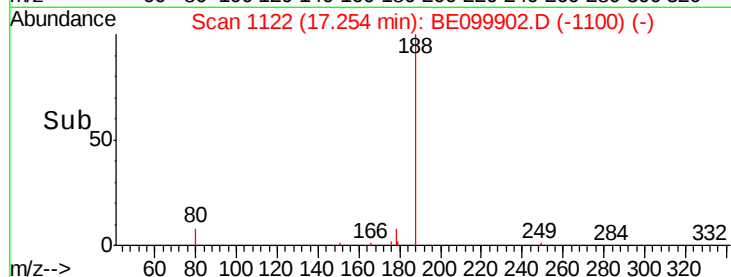
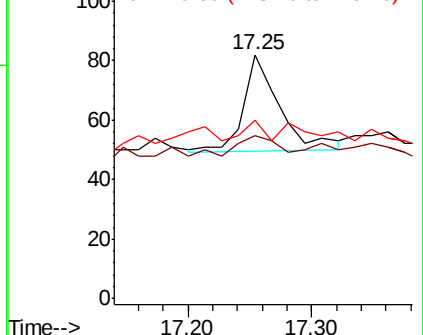
179 10.4 12.4 18.6#



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: 0.001 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

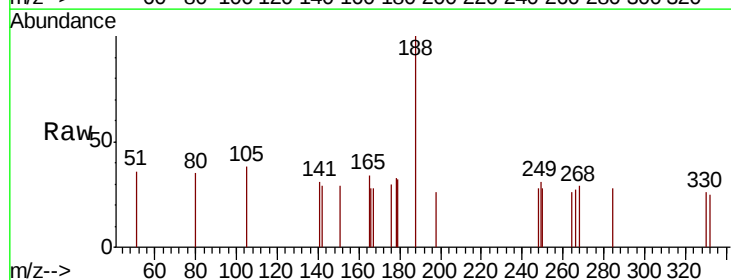
Tgt Ion:178 Resp: 9

Ion Ratio Lower Upper

178 100

176 66.7 14.6 22.0#

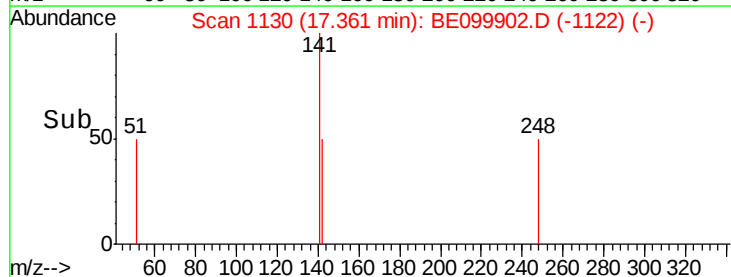
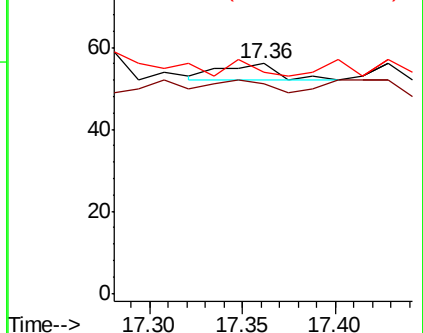
179 0.0 12.3 18.5#

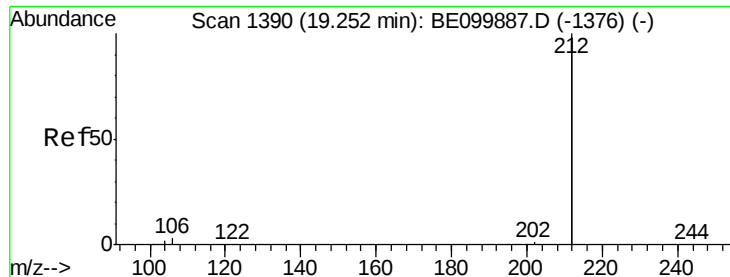


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.390 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

Instrument :

BNA_E

ClientSampleId :

RE131D2-20190606

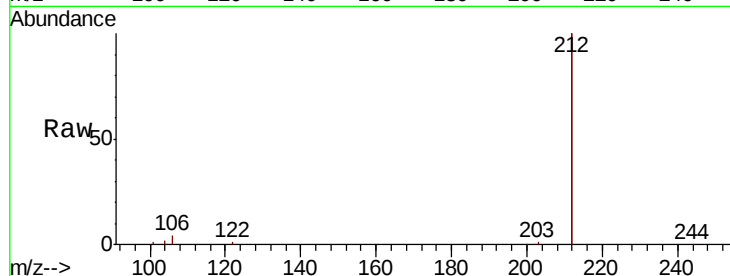
Tgt Ion:212 Resp: 36159

Ion Ratio Lower Upper

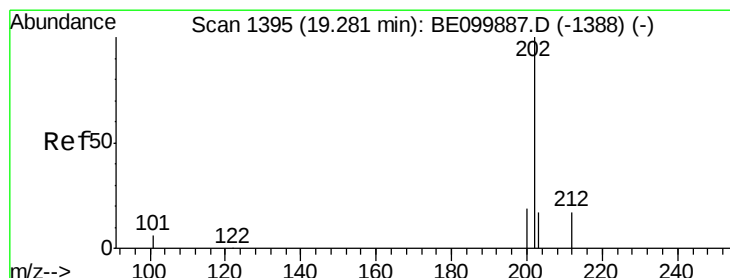
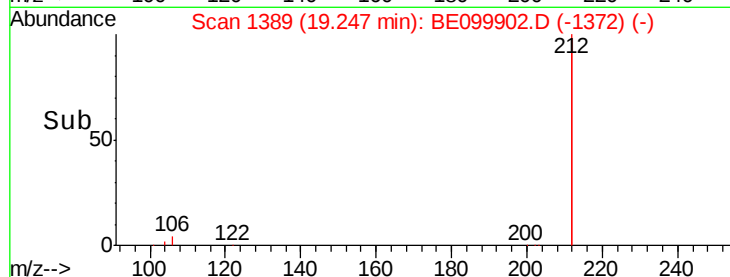
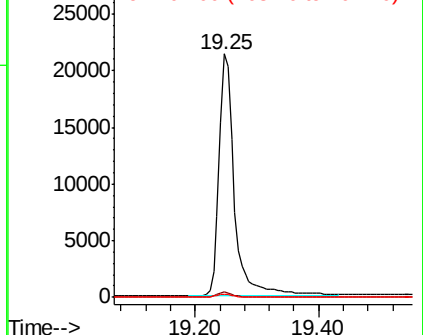
212 100

106 1.8 1.4 2.2

104 1.0 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: 0.001 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

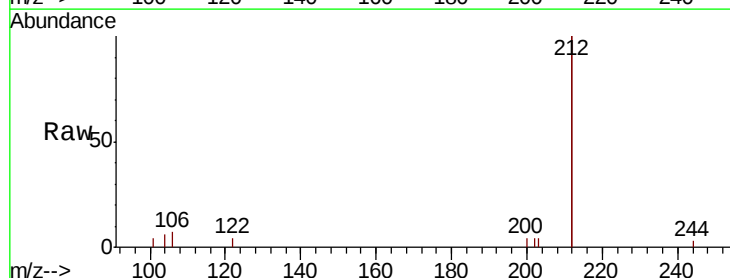
Tgt Ion:202 Resp: 24

Ion Ratio Lower Upper

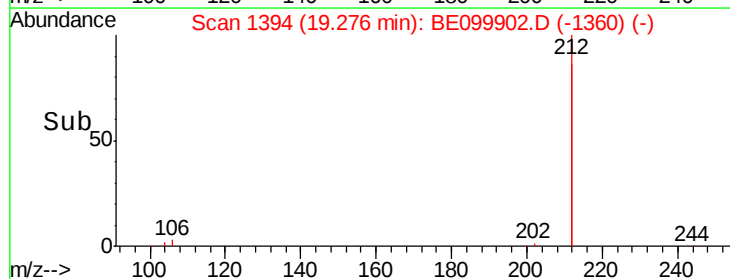
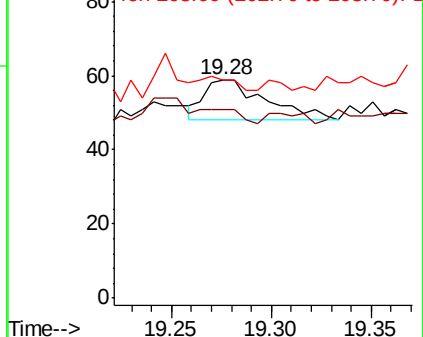
202 100

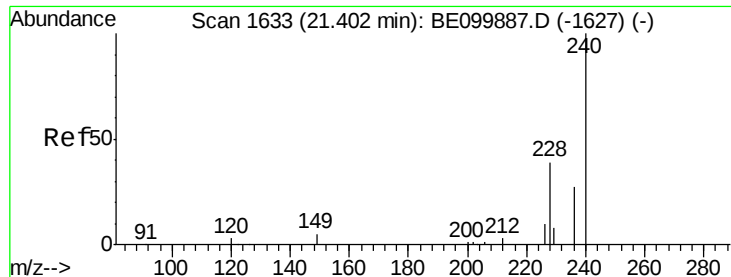
101 0.0 5.4 8.0#

203 0.0 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

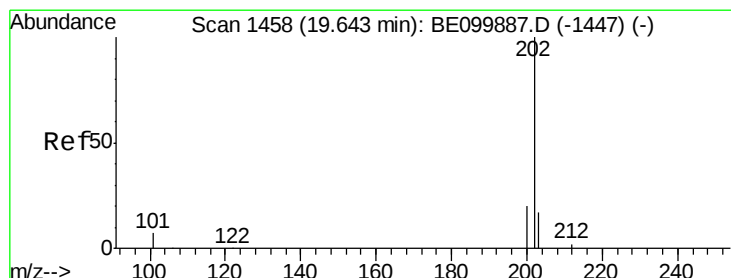
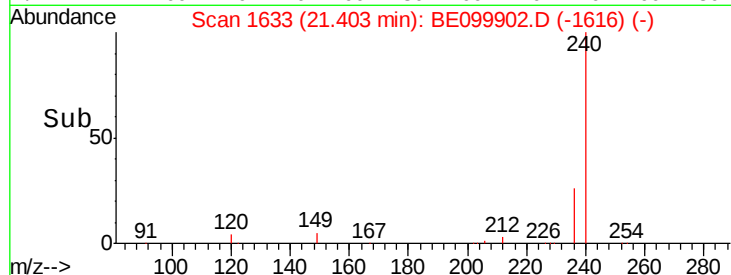
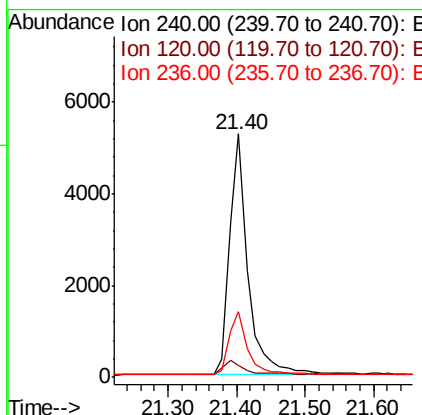
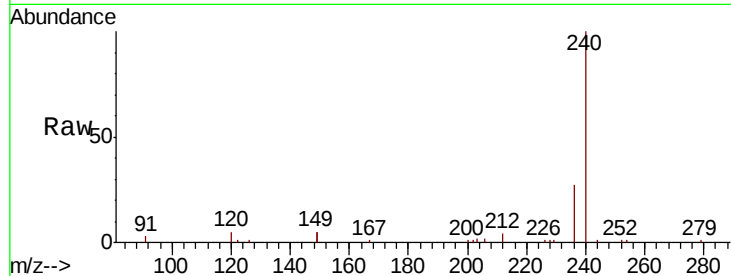




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099902.D
 Acq: 10 Jun 2019 22:19

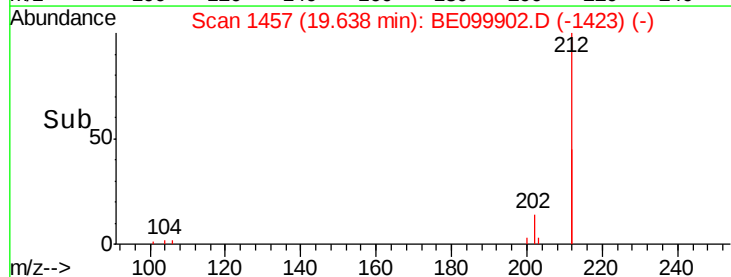
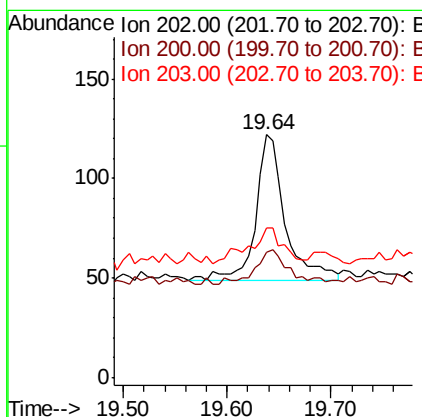
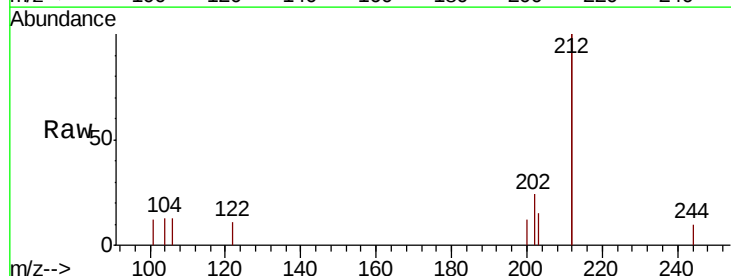
Instrument :
 BNA_E
 ClientSampleId :
 RE131D2-20190606

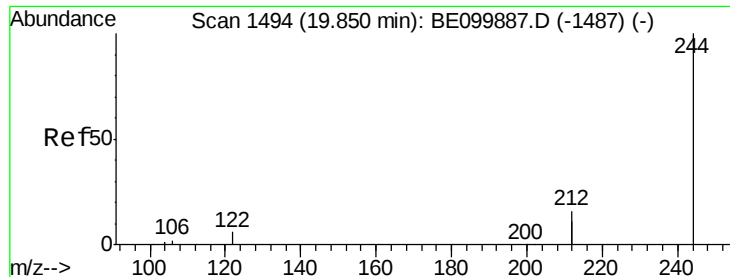
Tgt Ion:240 Resp: 9815
 Ion Ratio Lower Upper
 240 100
 120 5.1 3.8 5.6
 236 26.8 22.0 33.0



#28
 Pyrene
 Concen: 0.006 ng
 RT: 19.64 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BE099902.D
 Acq: 10 Jun 2019 22:19

Tgt Ion:202 Resp: 143
 Ion Ratio Lower Upper
 202 100
 200 27.3 15.5 23.3#
 203 28.7 14.0 21.0#





#29

Terphenyl-d14

Concen: 0.541 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

Instrument :

BNA_E

ClientSampleId :

RE131D2-20190606

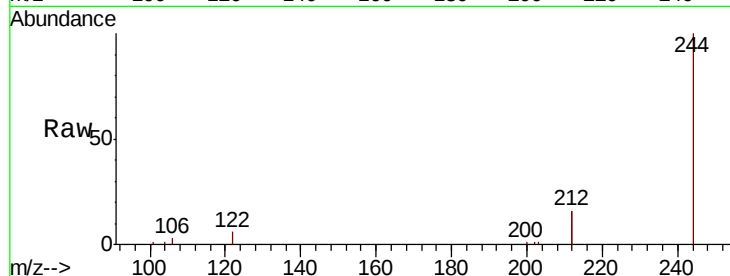
Tgt Ion:244 Resp: 9561

Ion Ratio Lower Upper

244 100

212 31.2 25.7 38.5

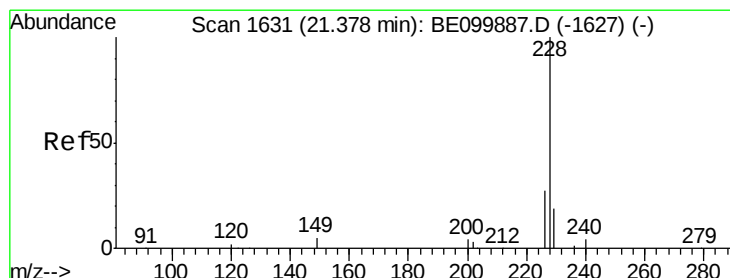
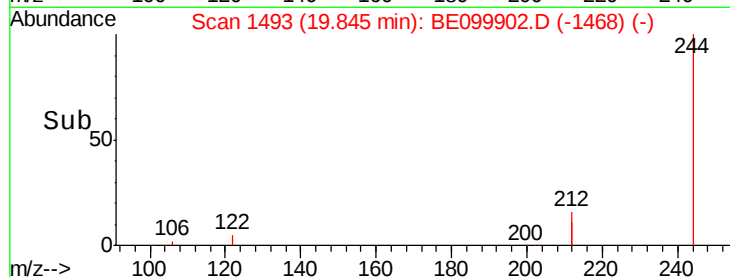
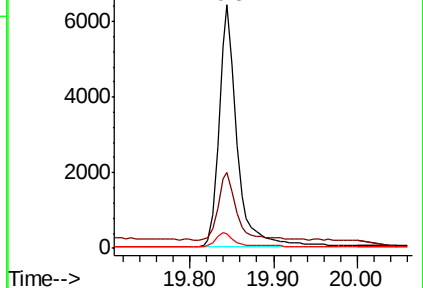
122 6.2 5.5 8.3



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: 0.001 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.02 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

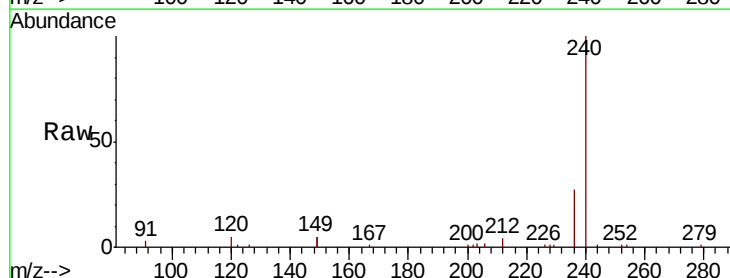
Tgt Ion:228 Resp: 37

Ion Ratio Lower Upper

228 100

226 77.3 22.5 33.7#

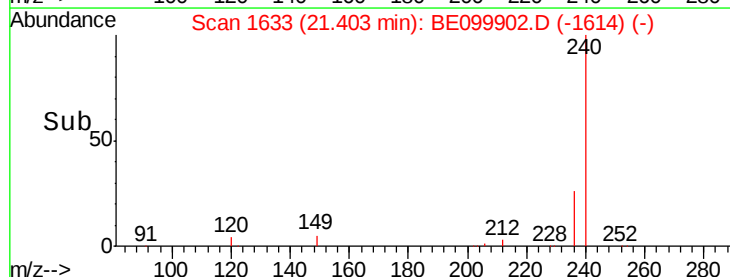
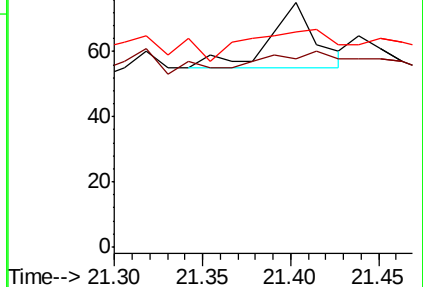
229 88.0 15.9 23.9#

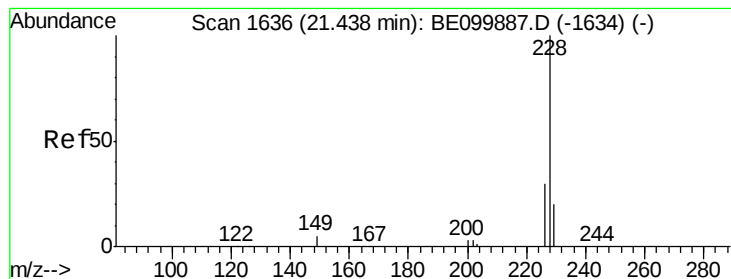


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.001 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.04 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

Instrument :

BNA_E

ClientSampleId :

RE131D2-20190606

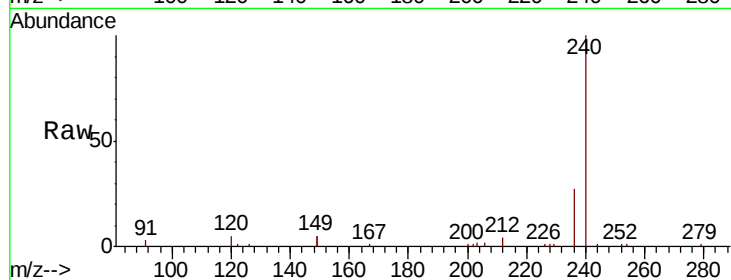
Tgt Ion: 228 Resp: 25

Ion Ratio Lower Upper

228 100

226 77.3 24.1 36.1#

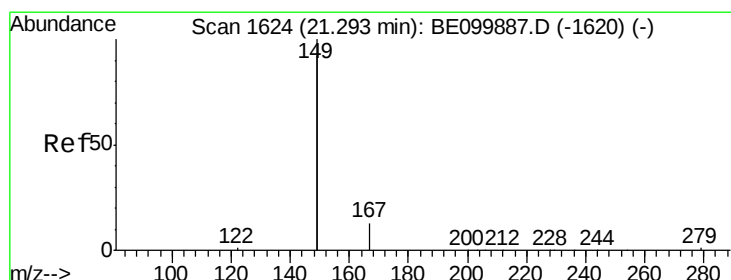
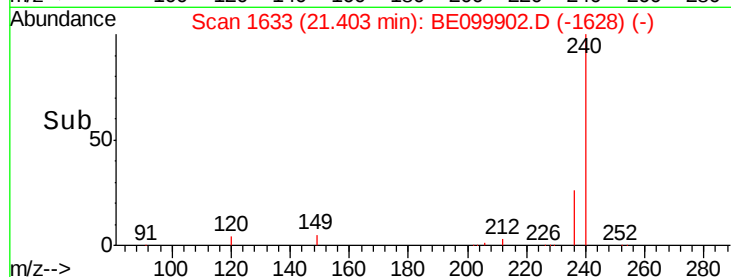
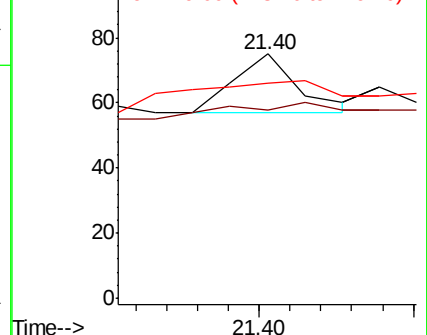
229 88.0 16.1 24.1#



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: 0.044 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

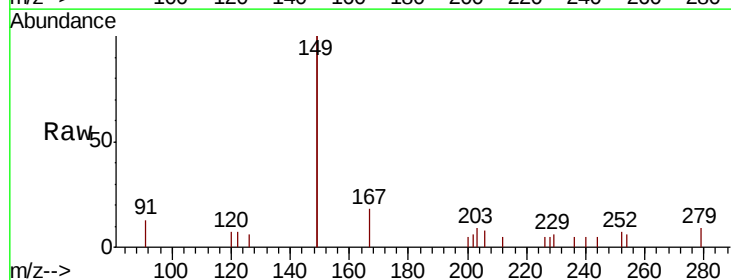
Tgt Ion: 149 Resp: 1839

Ion Ratio Lower Upper

149 100

167 8.9 5.9 8.9

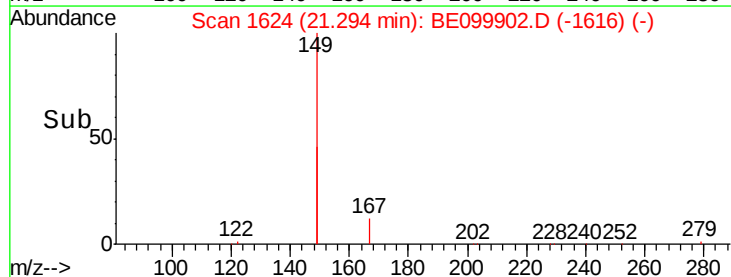
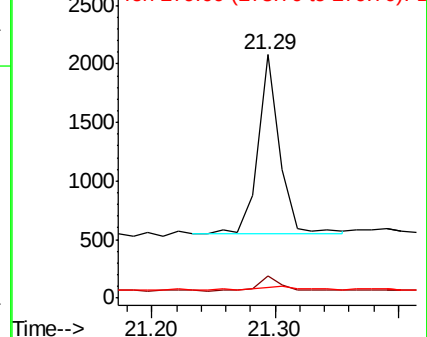
279 2.1 1.2 1.8#

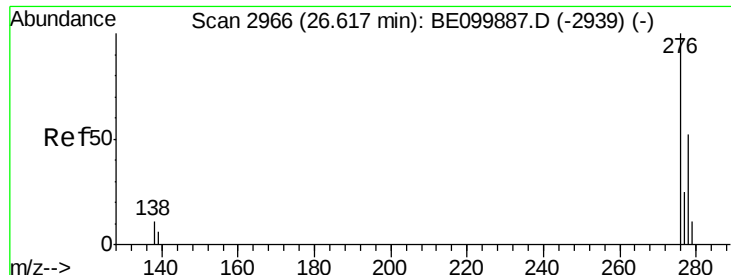


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.000 ng

RT: 26.61 min Scan# 2965

Delta R.T. -0.00 min

Lab File: BE099902.D

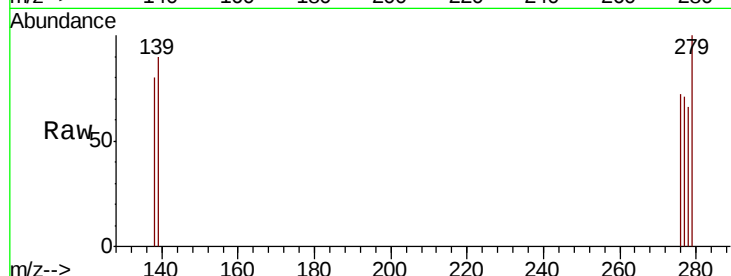
Acq: 10 Jun 2019 22:19

Instrument :

BNA_E

ClientSampleId :

RE131D2-20190606



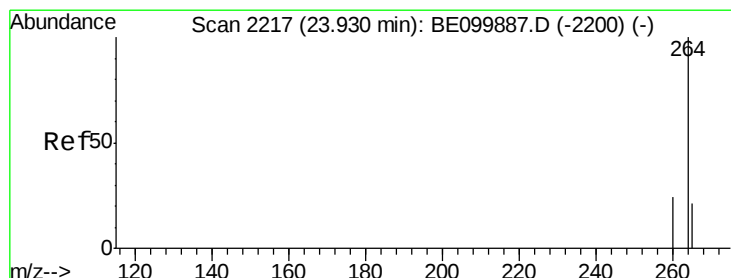
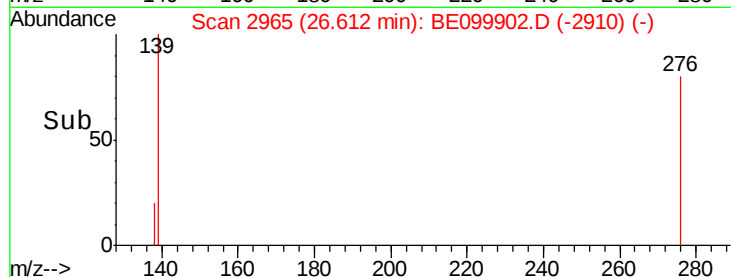
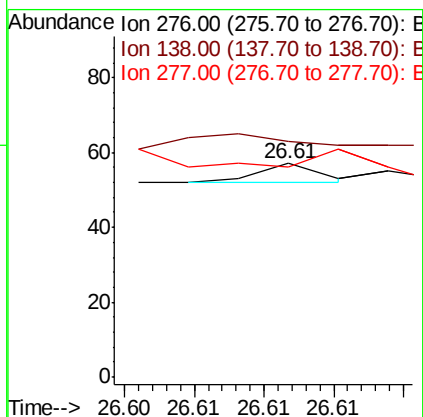
Tgt Ion:276 Resp: 1

Ion Ratio Lower Upper

276 100

138 0.0 10.1 15.1#

277 100.0 19.1 28.7#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

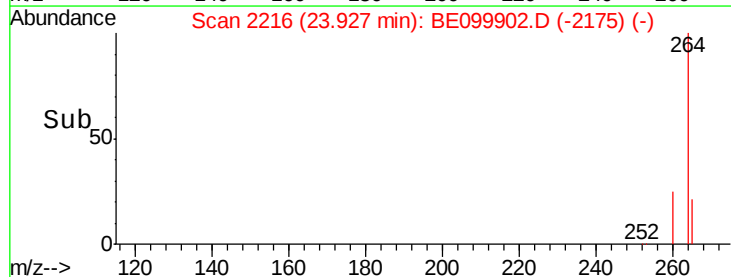
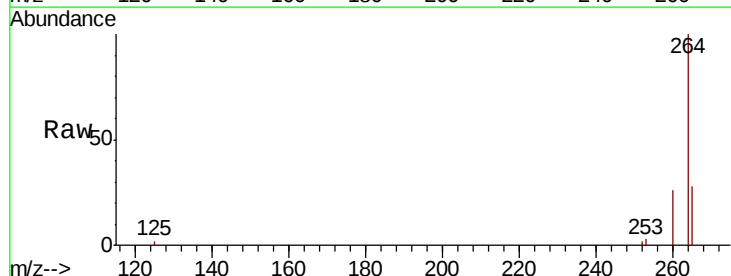
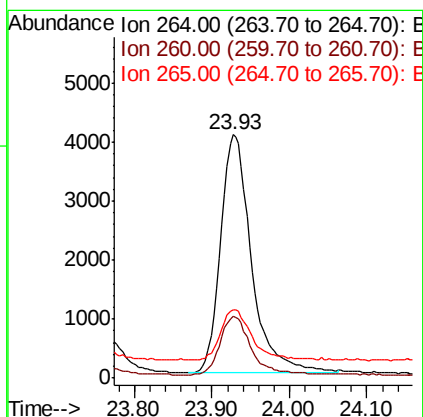
Tgt Ion:264 Resp: 11191

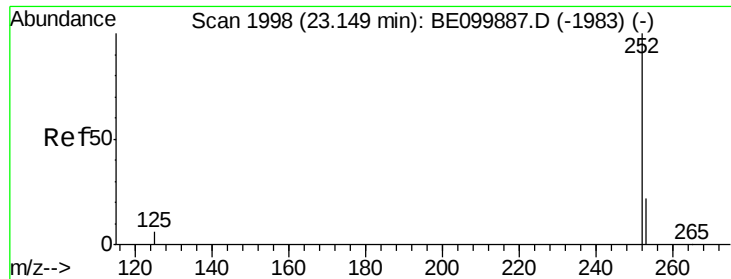
Ion Ratio Lower Upper

264 100

260 25.6 20.2 30.2

265 27.9 22.0 33.0





#35

Benzo(b)fluoranthene

Concen: 0.001 ng

RT: 23.15 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

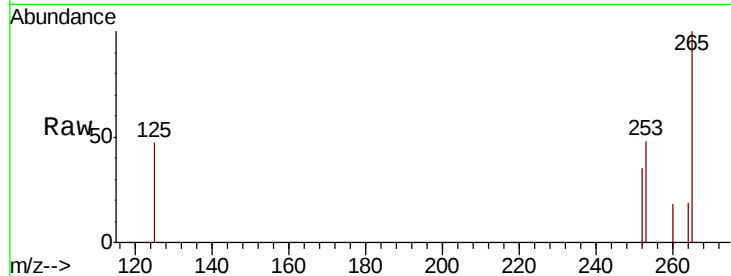
Instrument :

BNA_E

ClientSampleId :

RE131D2-20190606

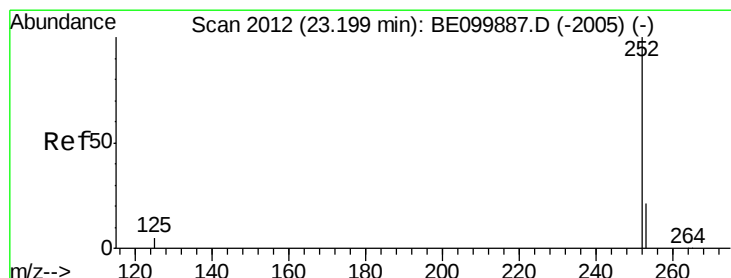
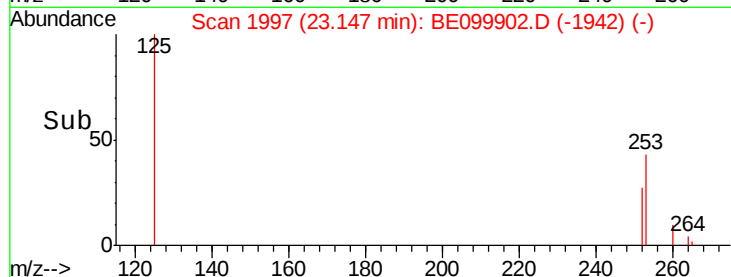
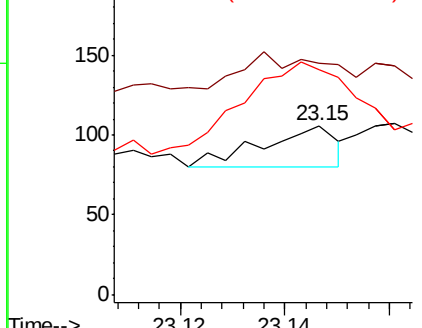
Tgt Ion:	252	Resp:	25
Ion	Ratio	Lower	Upper
252	100		
253	136.8	18.7	28.1#
125	133.0	5.7	8.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.000 ng

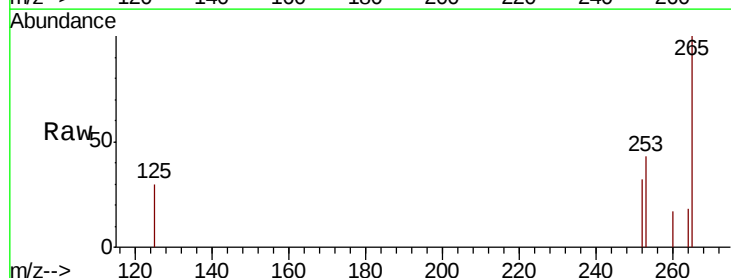
RT: 23.18 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

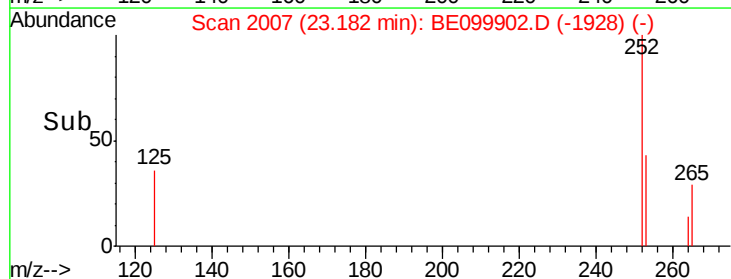
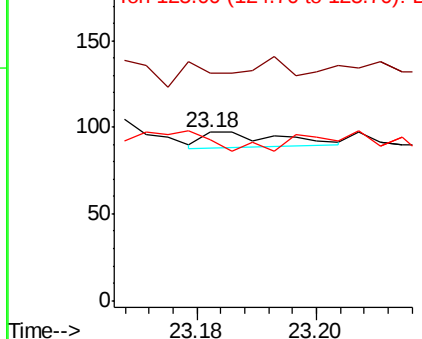
Tgt Ion:	252	Resp:	7
Ion	Ratio	Lower	Upper
252	100		
253	135.1	18.6	28.0#
125	95.9	5.4	8.0#

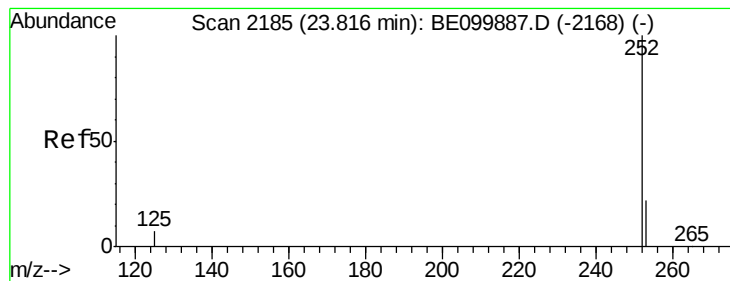


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.000 ng

RT: 23.81 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

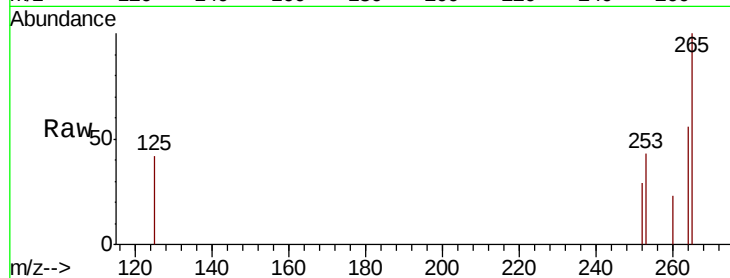
Instrument :

BNA_E

ClientSampleId :

RE131D2-20190606

Tgt Ion:	252	Resp:	7
Ion	Ratio	Lower	Upper
252	100		
253	148.0	19.6	29.4#
125	142.9	6.6	10.0#

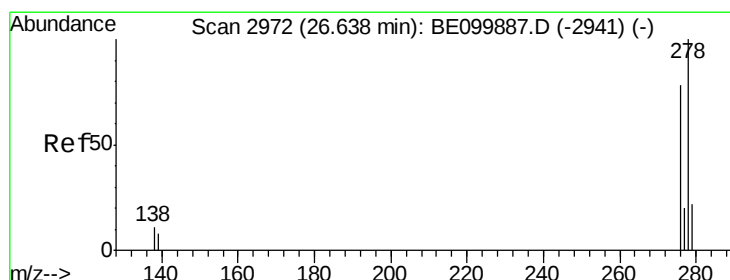
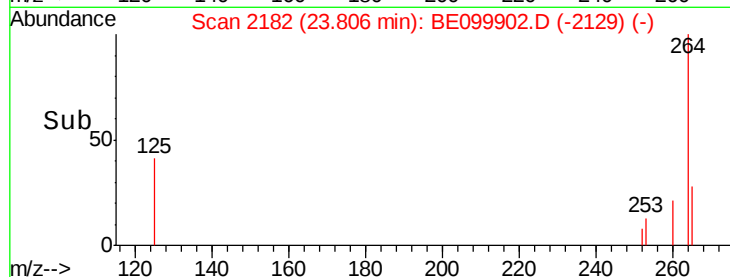
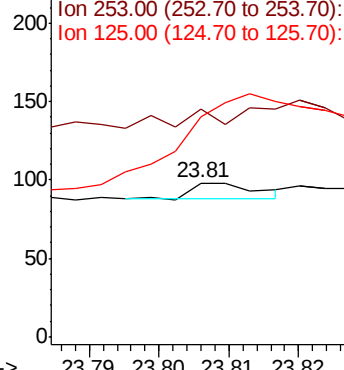


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

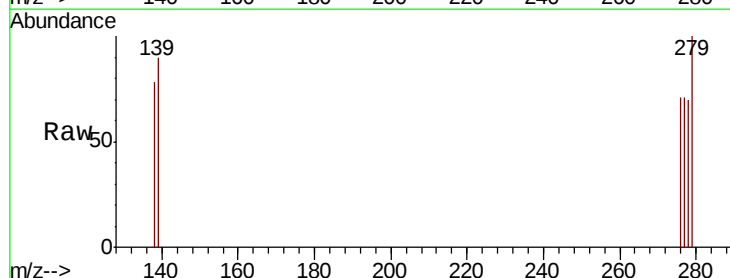
RT: 26.63 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

Tgt Ion:	278	Resp:	1
Ion	Ratio	Lower	Upper
278	100		
139	129.1	7.8	11.8#
279	143.6	20.0	30.0#

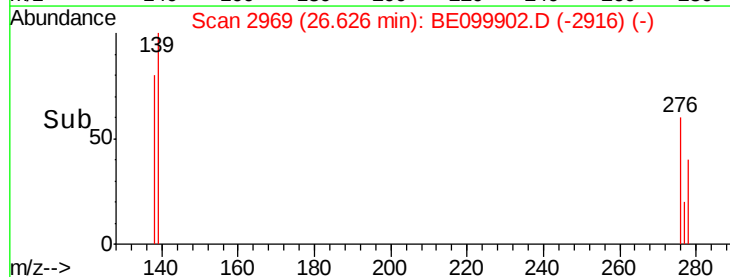
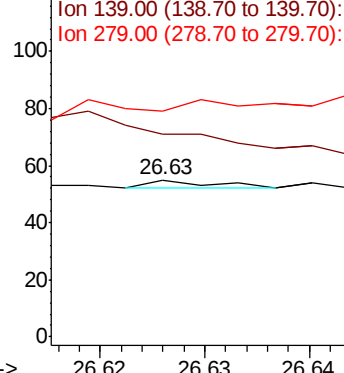


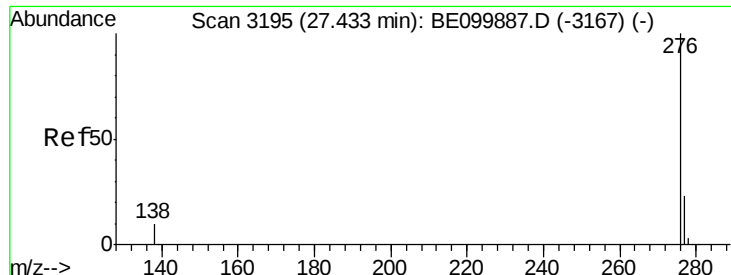
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.000 ng

RT: 27.43 min Scan# 3195

Delta R.T. -0.00 min

Lab File: BE099902.D

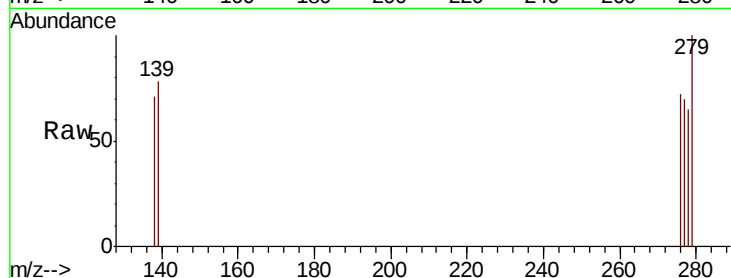
Acq: 10 Jun 2019 22:19

Instrument :

BNA_E

ClientSampleId :

RE131D2-20190606



Tgt Ion:	276	Resp:	3
Ion	Ratio	Lower	Upper
276	100		
277	96.5	19.5	29.3#
138	98.2	9.5	14.3#

