

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061019\
 Data File : BE099905.D
 Acq On : 11 Jun 2019 00:09
 Operator : JU/SJ
 Sample : K3257-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE131D3-20190606

Quant Time: Jun 11 06:00:12 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	714	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2558	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2024	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6310	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9678	0.40	ng	0.00
34) Perylene-d12	23.93	264	10979	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	295	0.15	ng	0.00
5) Phenol-d6	6.96	99	198	0.08	ng	0.00
8) Nitrobenzene-d5	8.98	82	846	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1565	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	419	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3134	0.41	ng	-0.01
25) Fluoranthene-d10	19.25	212	34662	0.38	ng	0.00
29) Terphenyl-d14	19.85	244	9438	0.54	ng	0.00

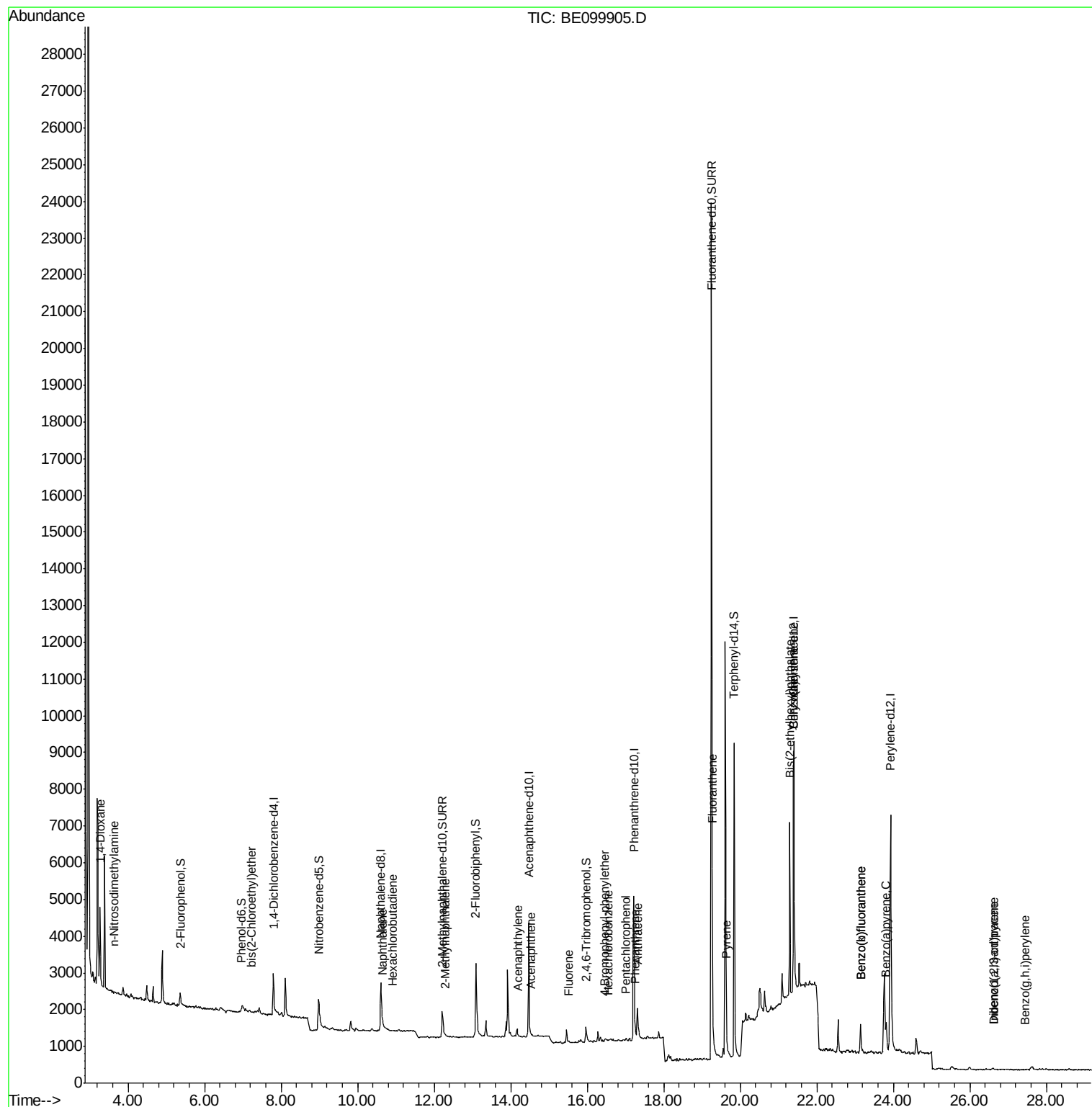
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	1607	1.521	ng	95
3) n-Nitrosodimethylamine	3.62	42	4	0.007	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	12	0.006	ng	# 1
9) Naphthalene	10.65	128	282	0.010	ng	# 60
10) Hexachlorobutadiene	10.91	225	6	0.003	ng	# 18
12) 2-Methylnaphthalene	12.28	142	48	0.011	ng	# 71
16) Acenaphthylene	14.20	152	22	0.002	ng	# 22
17) Acenaphthene	14.53	154	10	0.002	ng	# 53
18) Fluorene	15.51	166	36	0.004	ng	# 48
20) 4-Bromophenyl-phenylether	16.45	248	2	0.001	ng	# 62
21) Hexachlorobenzene	16.55	284	1	0.000	ng	# 48
22) Pentachlorophenol	17.01	266	6	0.303	ng	84
23) Phenanthrene	17.25	178	88	0.006	ng	# 41
24) Anthracene	17.32	178	14	0.001	ng	# 61
26) Fluoranthene	19.27	202	31	0.001	ng	# 93
28) Pyrene	19.64	202	49	0.002	ng	# 62
30) Benzo(a)anthracene	21.39	228	108	0.004	ng	# 1
31) Chrysene	21.39	228	81	0.003	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.29	149	5357	0.129	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.63	276	7	0.000	ng	# 76
35) Benzo(b)fluoranthene	23.15	252	184	0.006	ng	# 1
36) Benzo(k)fluoranthene	23.15	252	184	0.006	ng	# 1
37) Benzo(a)pyrene	23.82	252	144	0.005	ng	# 1
38) Dibenzo(a,h)anthracene	26.64	278	6	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.44	276	7	0.000	ng	# 1

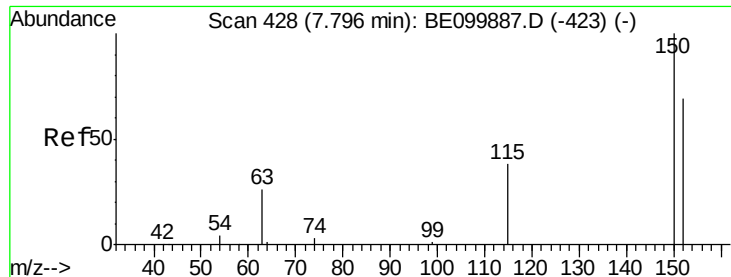
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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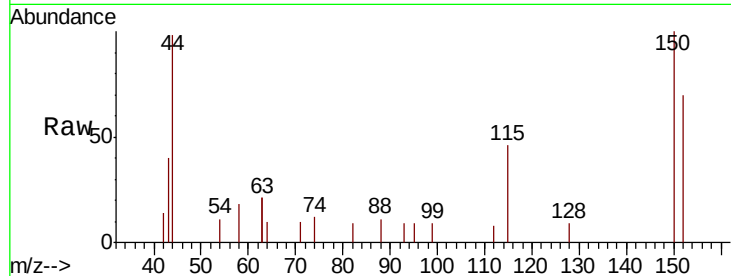


#1

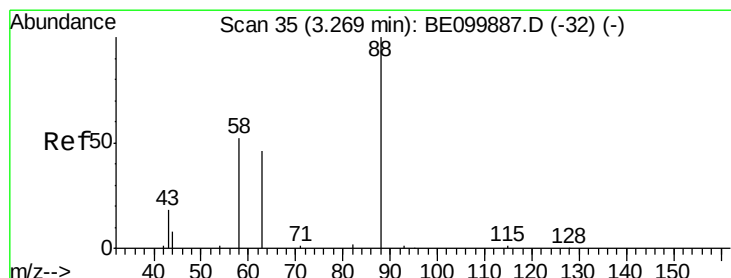
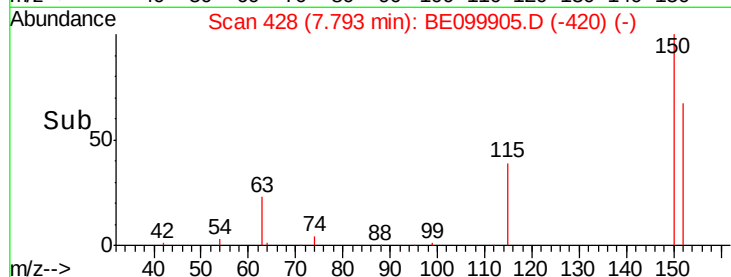
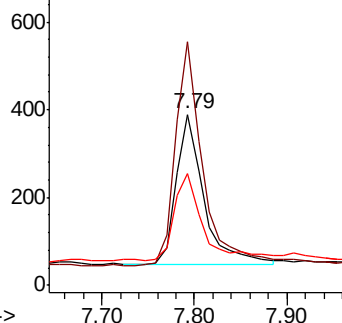
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099905.D
Acq: 11 Jun 2019 00:09

Instrument :
BNA_E
ClientSampleId :
RE131D3-20190606

Tgt Ion:152 Resp: 714
Ion Ratio Lower Upper
152 100
150 142.3 111.0 166.6
115 65.6 50.7 76.1



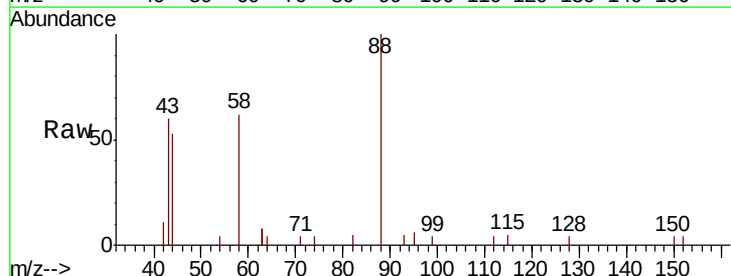
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



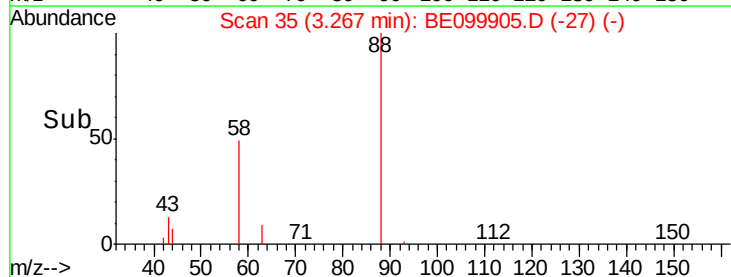
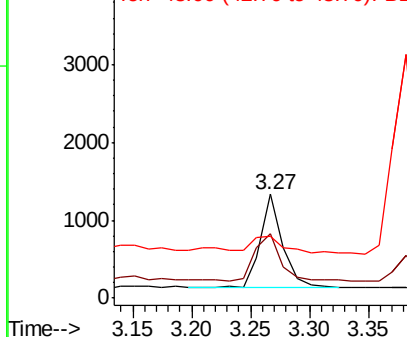
#2

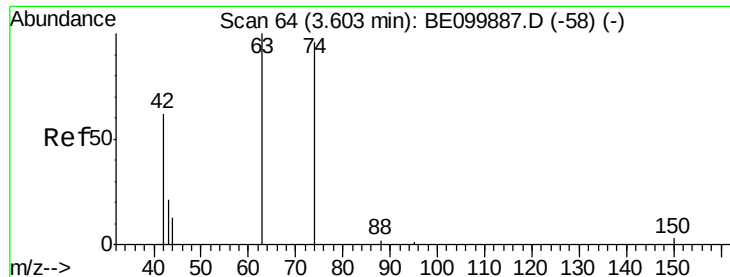
1,4-Dioxane
Concen: 1.521 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099905.D
Acq: 11 Jun 2019 00:09

Tgt Ion: 88 Resp: 1607
Ion Ratio Lower Upper
88 100
58 55.8 48.8 73.2
43 23.0 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: 0.007 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

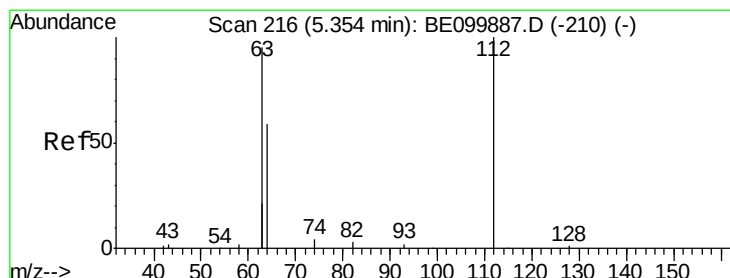
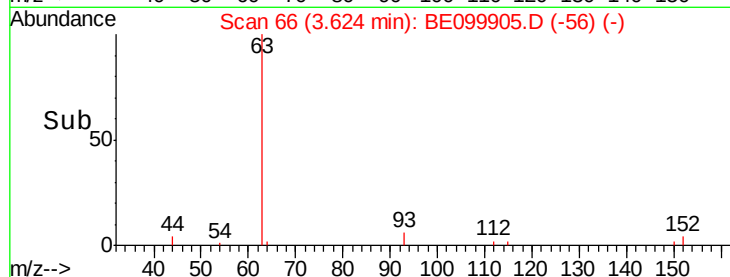
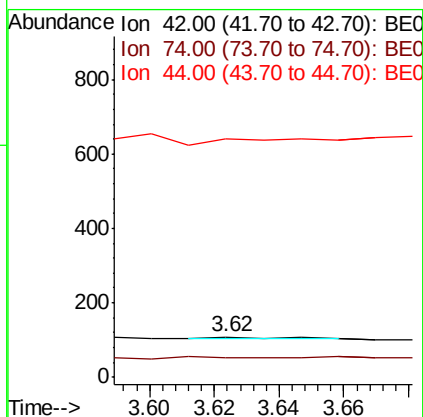
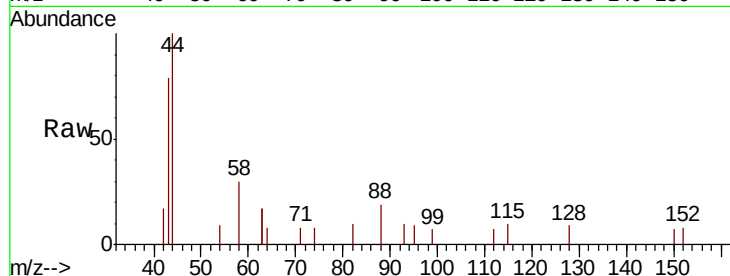
Instrument :

BNA_E

ClientSampleId :

RE131D3-20190606

Tgt Ion:	42	Resp:	4
Ion	Ratio	Lower	Upper
42	100		
74	225.0	0.0	0.0#
44	1150.0	0.0	0.0#



#4

2-Fluorophenol

Concen: 0.153 ng

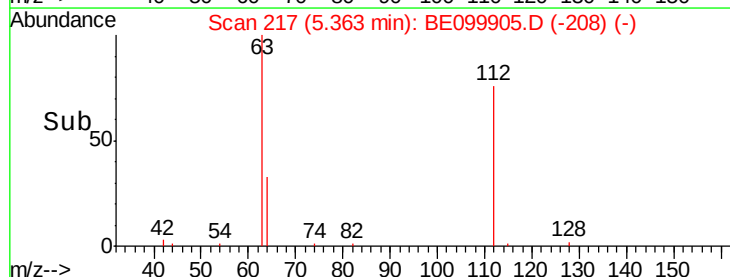
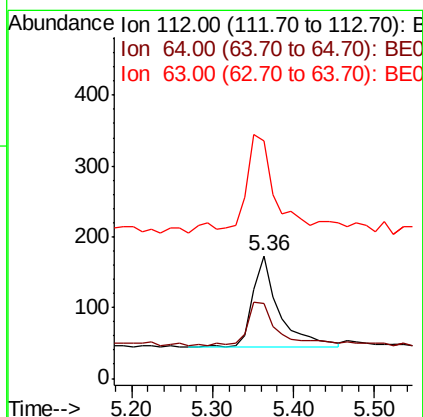
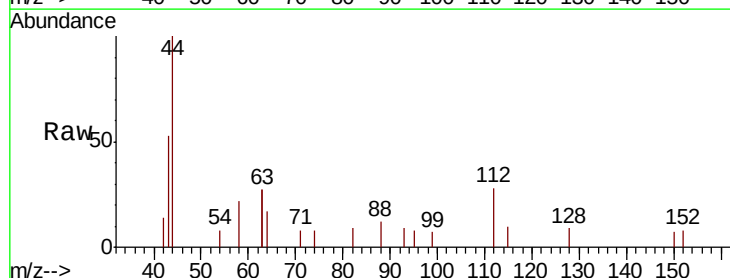
RT: 5.36 min Scan# 217

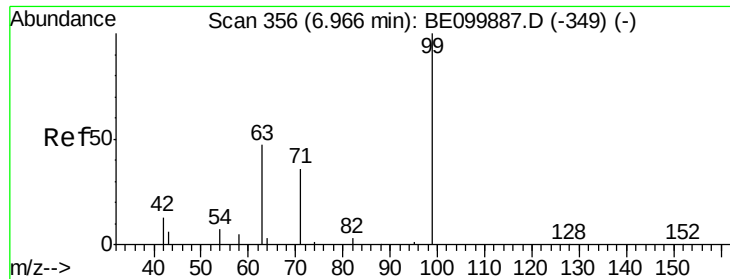
Delta R.T. 0.01 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

Tgt Ion:	112	Resp:	295
Ion	Ratio	Lower	Upper
112	100		
64	51.2	44.1	66.1
63	104.1	87.8	131.6





#5

Phenol-d6

Concen: 0.080 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190606

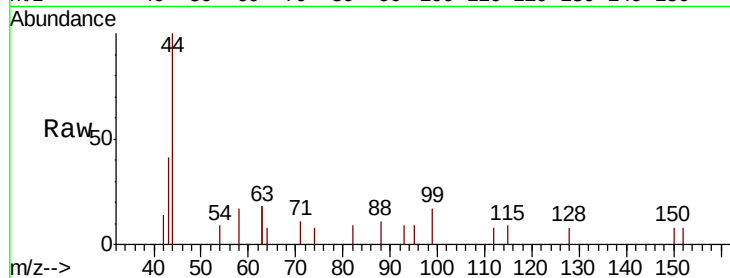
Tgt Ion: 99 Resp: 198

Ion Ratio Lower Upper

99 100

42 32.8 15.9 23.9#

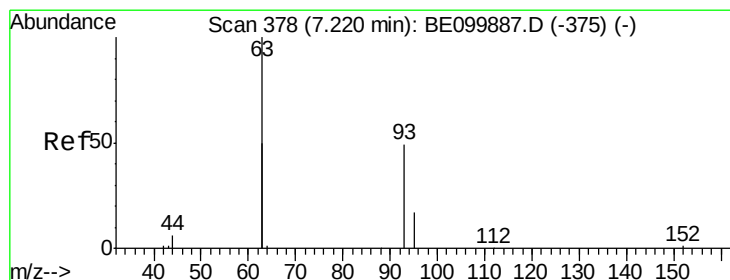
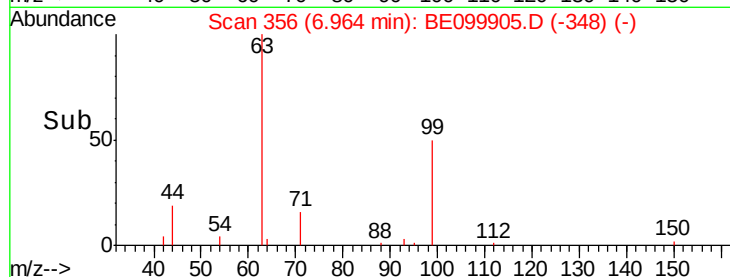
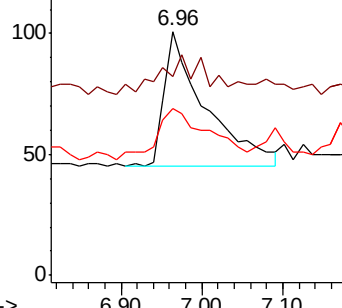
71 47.0 34.6 52.0



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: 0.006 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

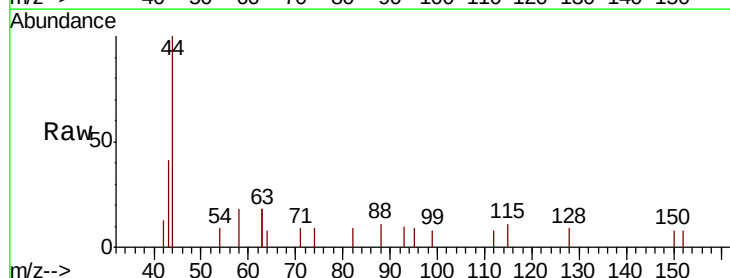
Tgt Ion: 93 Resp: 12

Ion Ratio Lower Upper

93 100

63 0.0 202.8 304.2#

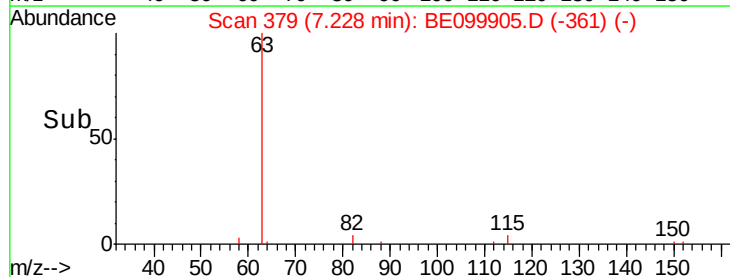
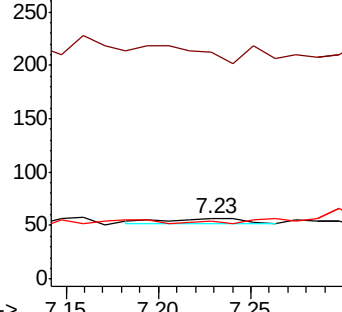
95 0.0 23.7 35.5#

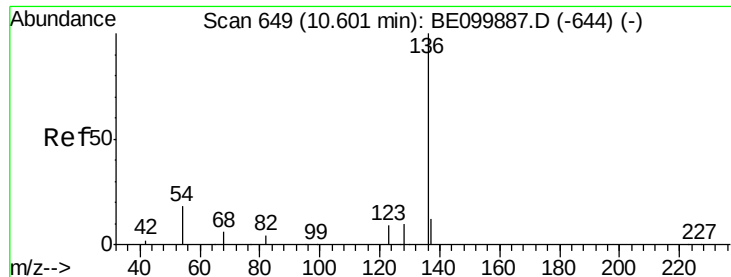


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

Instrument :

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ClientSampleId :

RE131D3-20190606

Tgt Ion: 136 Resp: 2558

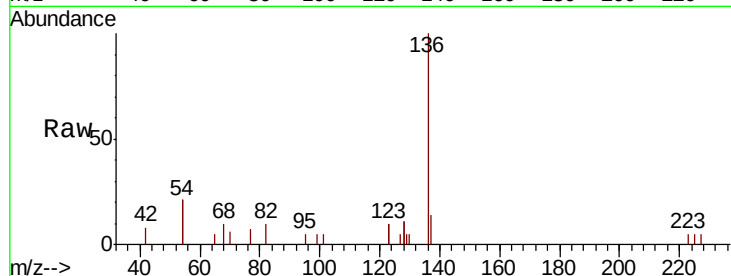
Ion Ratio Lower Upper

136 100

137 13.8 12.3 18.5

54 41.9 28.2 42.4

68 10.2 7.8 11.8

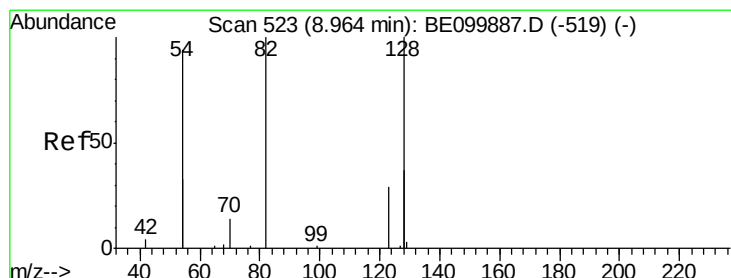
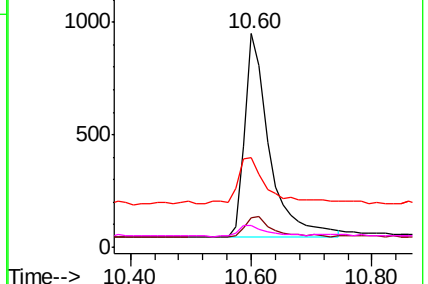
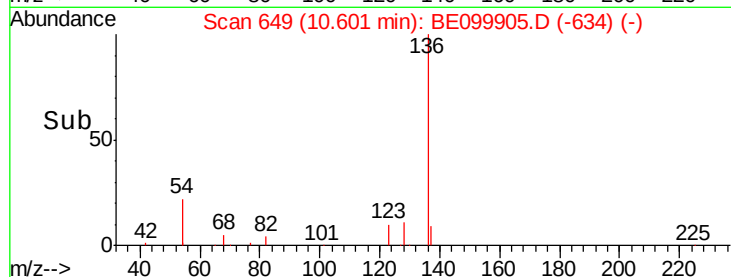


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.349 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

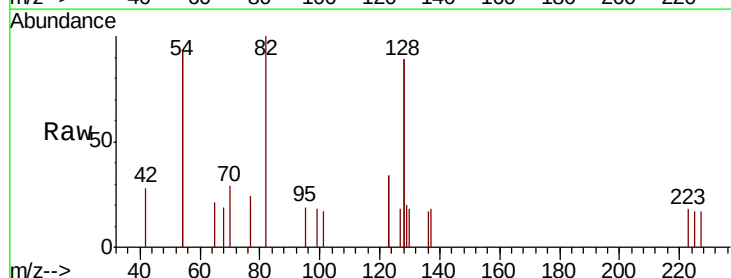
Tgt Ion: 82 Resp: 846

Ion Ratio Lower Upper

82 100

128 177.1 137.3 205.9

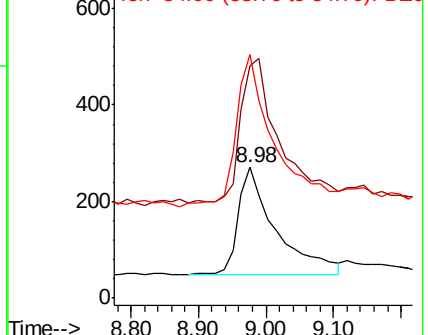
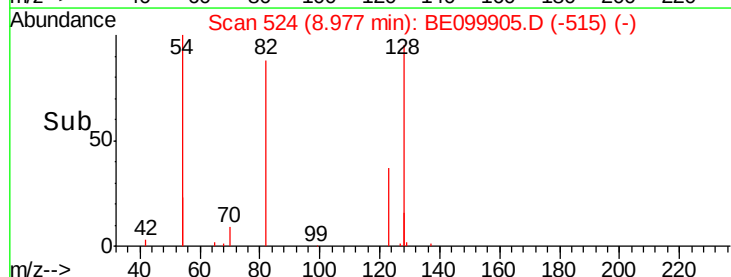
54 186.0 129.7 194.5

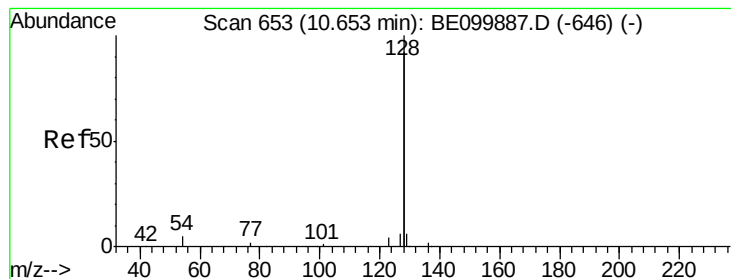


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.010 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

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BNA_E

ClientSampleId :

RE131D3-20190606

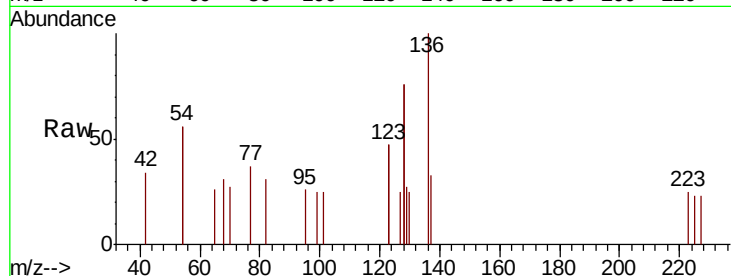
Tgt Ion:128 Resp: 282

Ion Ratio Lower Upper

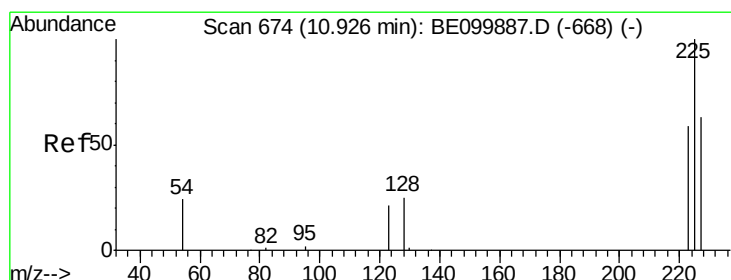
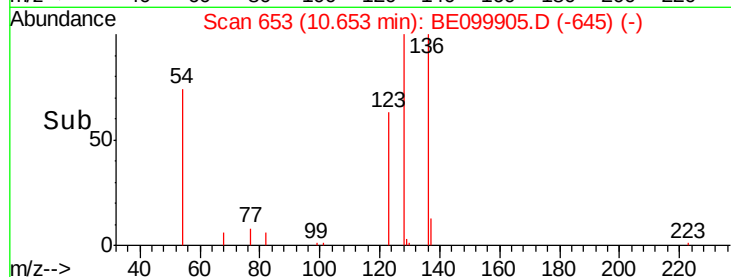
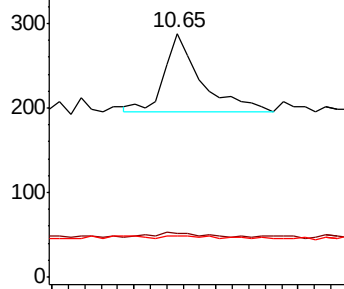
128 100

129 18.1 3.0 4.6#

127 16.7 3.4 5.0#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.003 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.01 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

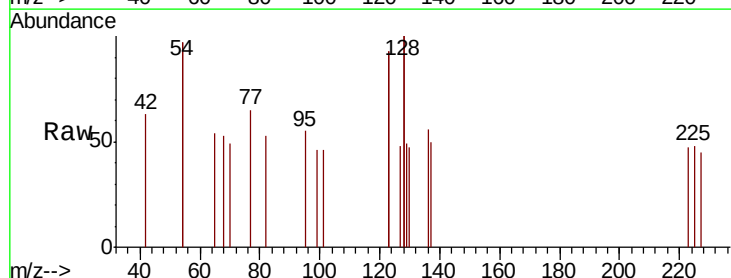
Tgt Ion:225 Resp: 6

Ion Ratio Lower Upper

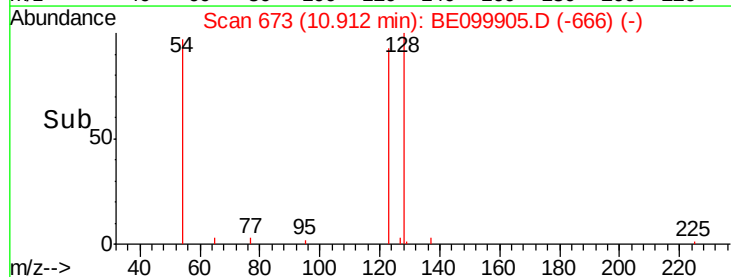
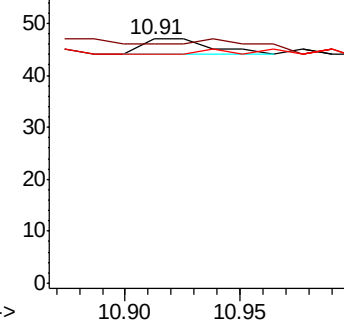
225 100

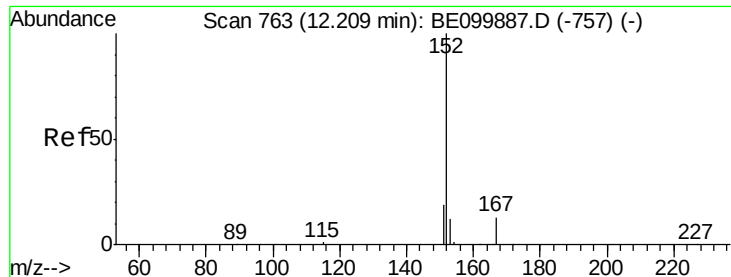
223 0.0 51.6 77.4#

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

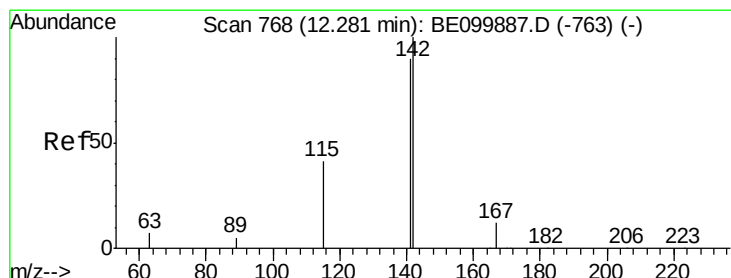
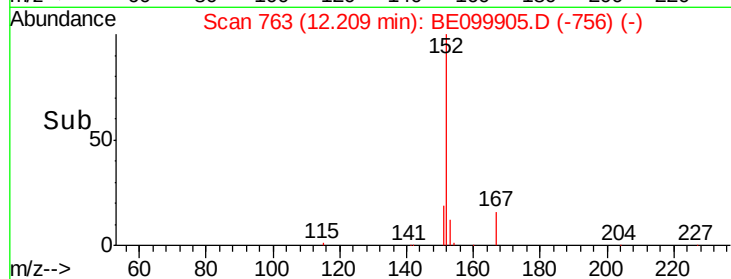
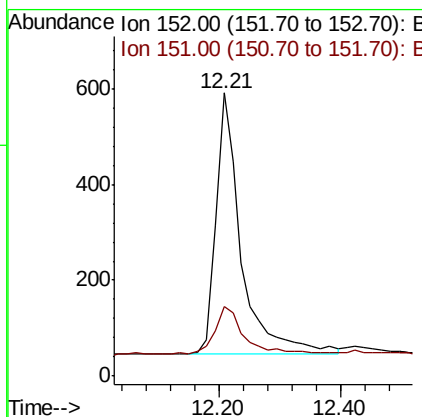
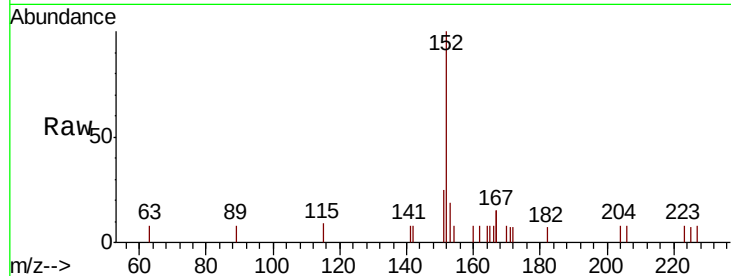




#11
 2-Methylnaphthalene-d10
 Concen: 0.351 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE099905.D
 Acq: 11 Jun 2019 00:09

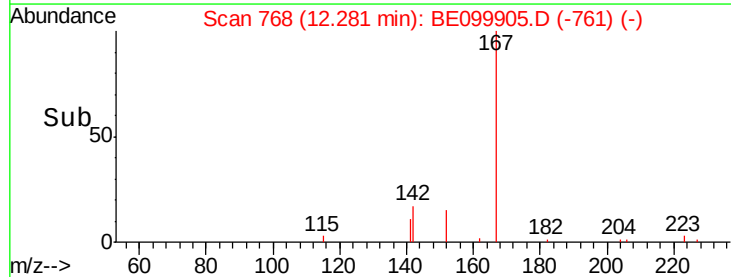
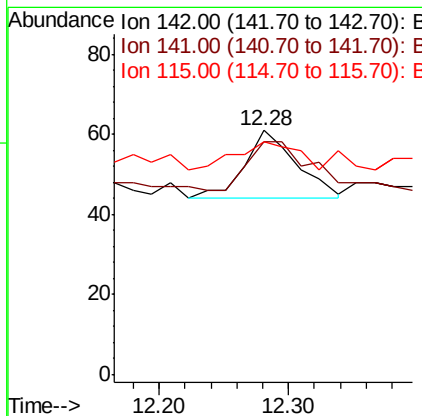
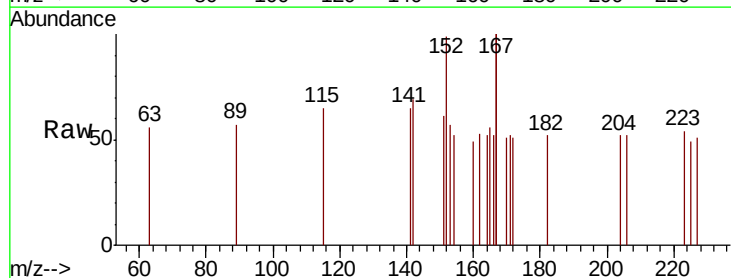
Instrument :
 BNA_E
 ClientSampleId :
 RE131D3-20190606

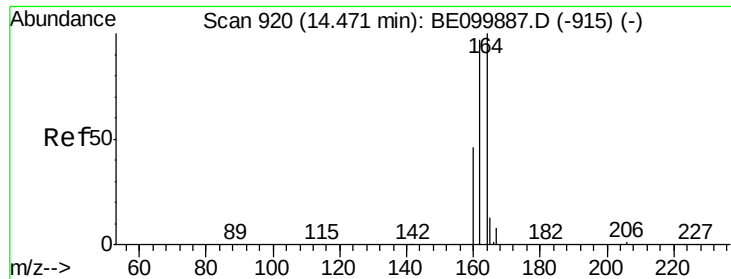
Tgt Ion:152 Resp: 1565
 Ion Ratio Lower Upper
 152 100
 151 21.1 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.011 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE099905.D
 Acq: 11 Jun 2019 00:09

Tgt Ion:142 Resp: 48
 Ion Ratio Lower Upper
 142 100
 141 95.1 72.3 108.5
 115 95.1 36.4 54.6#

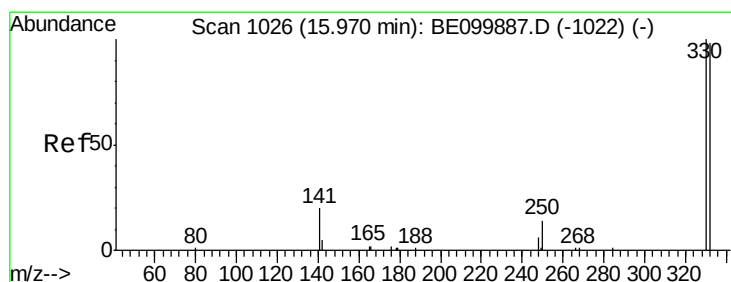
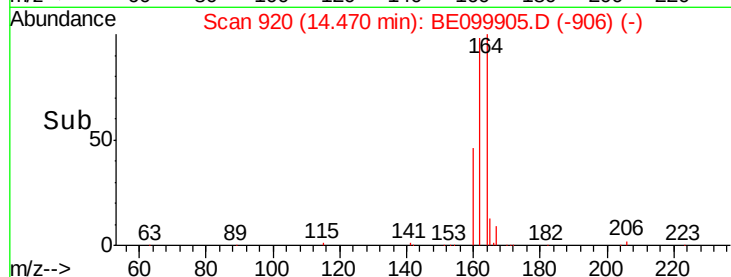
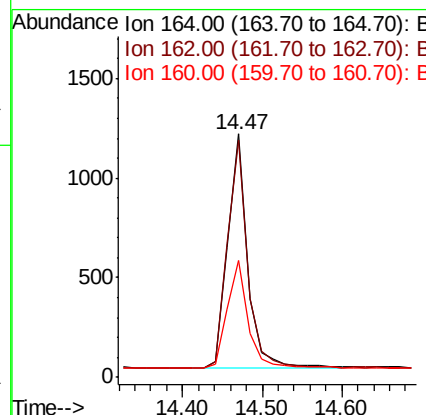
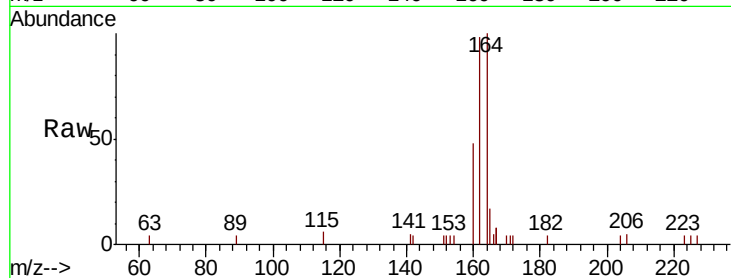




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099905.D
Acq: 11 Jun 2019 00:09

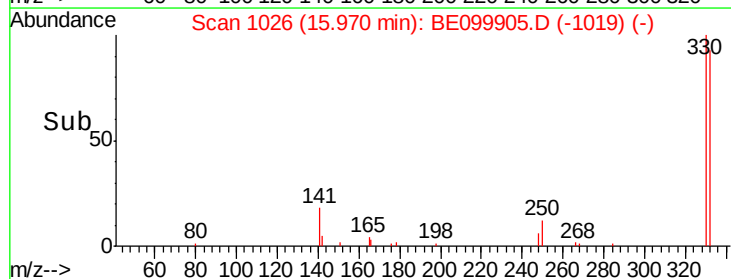
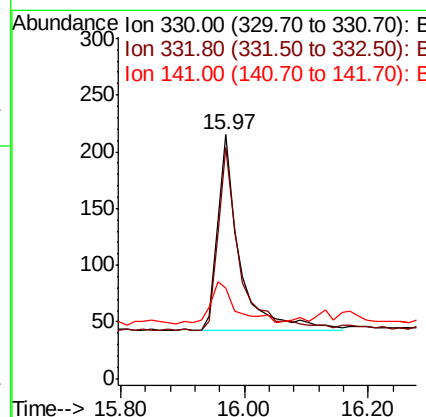
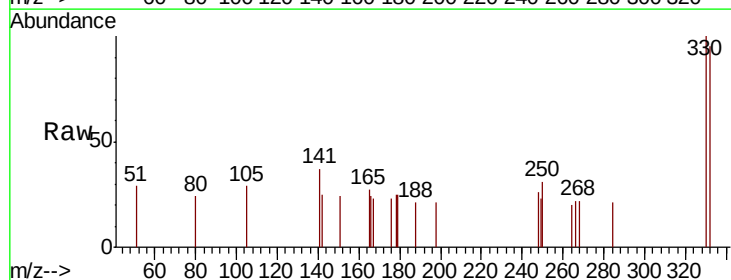
Instrument :
BNA_E
ClientSampleId :
RE131D3-20190606

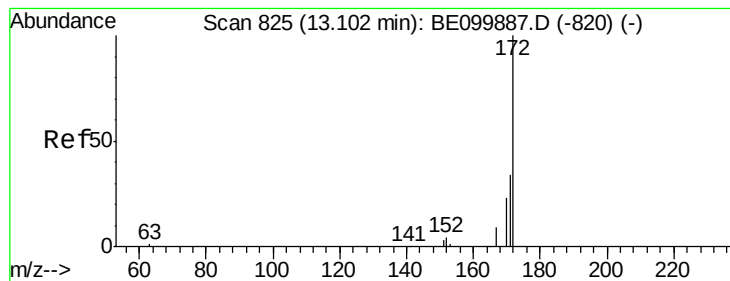
Tgt Ion:164 Resp: 2024
Ion Ratio Lower Upper
164 100
162 97.5 77.8 116.8
160 48.1 38.2 57.4



#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE099905.D
Acq: 11 Jun 2019 00:09

Tgt Ion:330 Resp: 419
Ion Ratio Lower Upper
330 100
332 92.8 76.7 115.1
141 23.6 21.0 31.6





#15

2-Fluorobiphenyl

Concen: 0.408 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190606

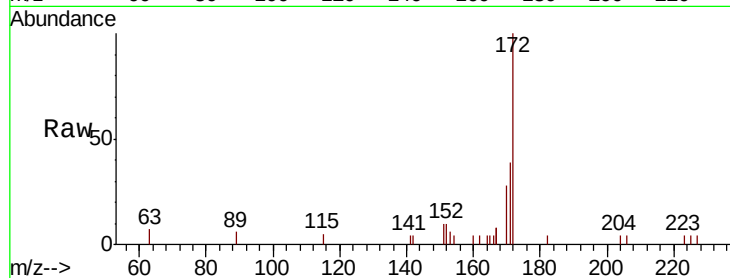
Tgt Ion:172 Resp: 3134

Ion Ratio Lower Upper

172 100

171 38.9 29.2 43.8

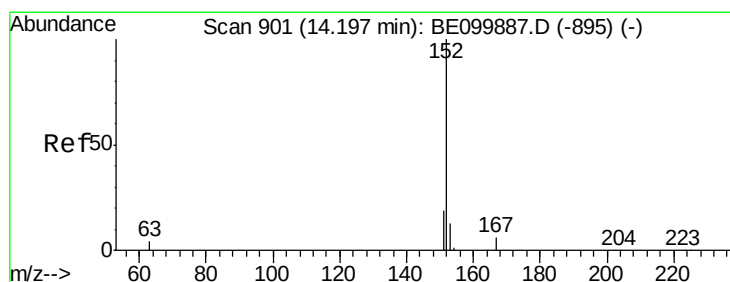
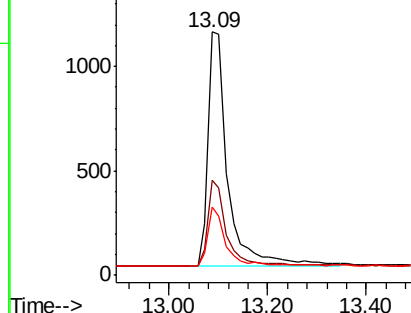
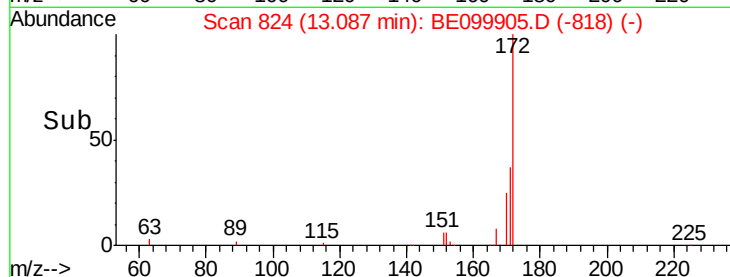
170 27.8 21.2 31.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.002 ng

RT: 14.20 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

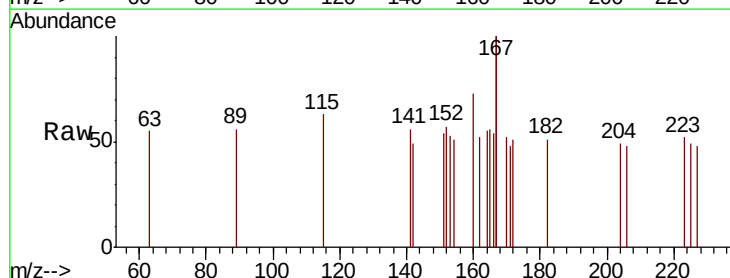
Tgt Ion:152 Resp: 22

Ion Ratio Lower Upper

152 100

151 68.2 15.5 23.3#

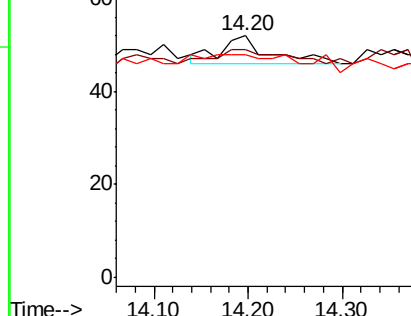
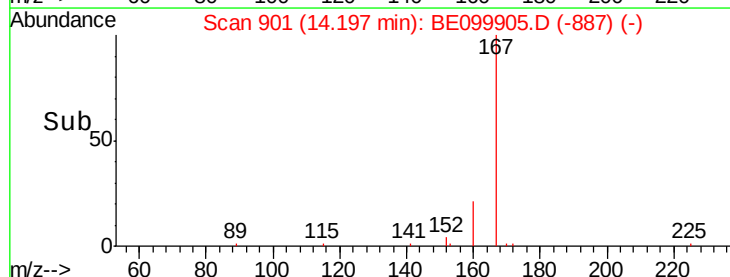
153 0.0 10.2 15.2#

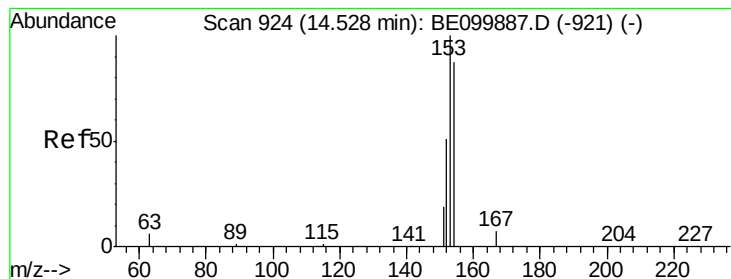


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.002 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190606

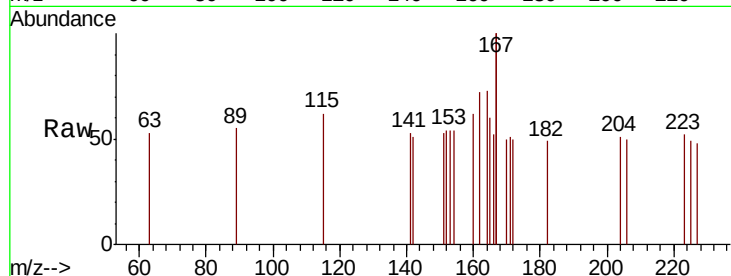
Tgt Ion:154 Resp: 10

Ion Ratio Lower Upper

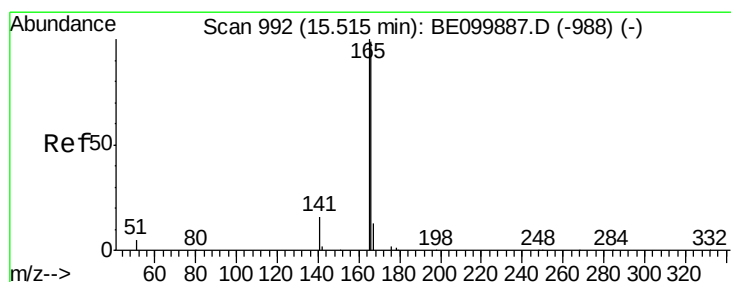
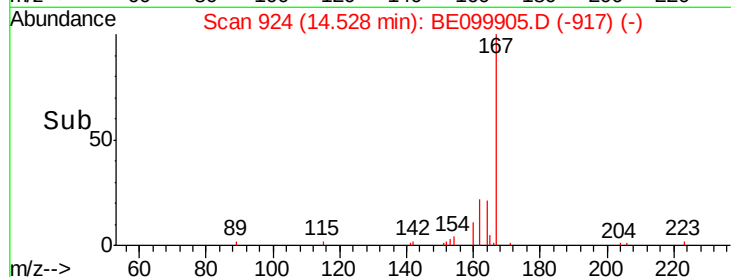
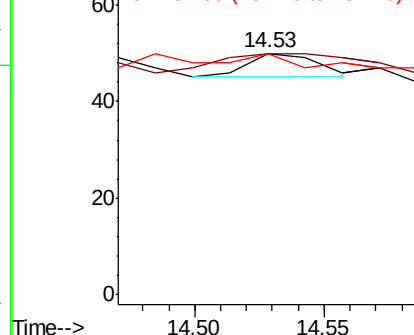
154 100

153 150.0 93.1 139.7#

152 0.0 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: 0.004 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

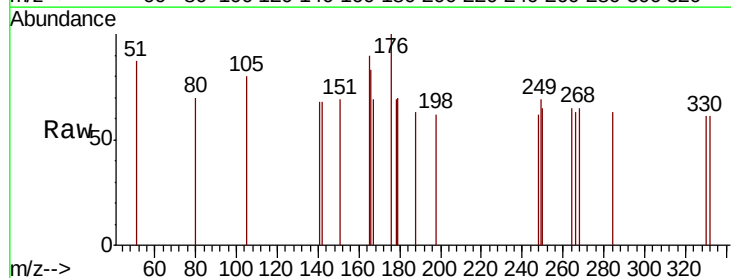
Tgt Ion:166 Resp: 36

Ion Ratio Lower Upper

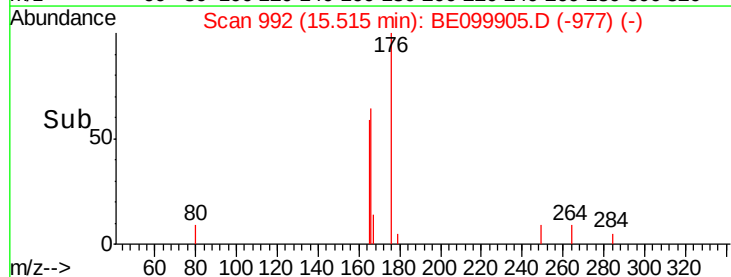
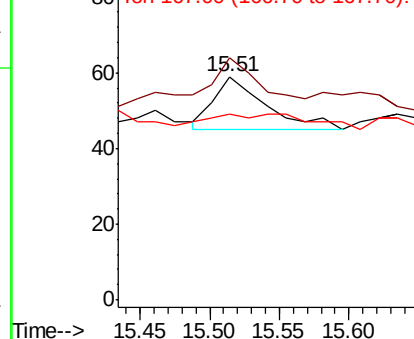
166 100

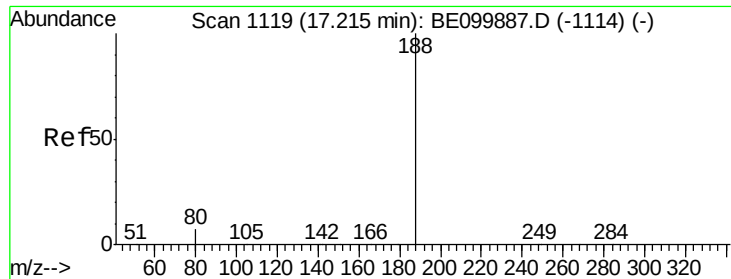
165 147.2 81.8 122.8#

167 58.3 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: BE099905.D

Acq: 11 Jun 2019 00:09

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190606

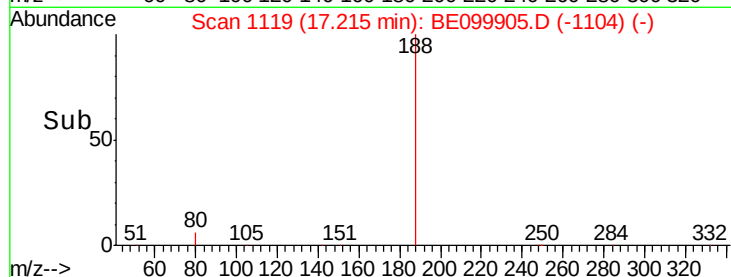
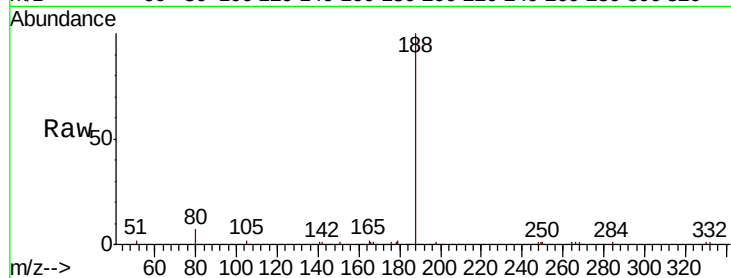
Tgt Ion:188 Resp: 6310

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

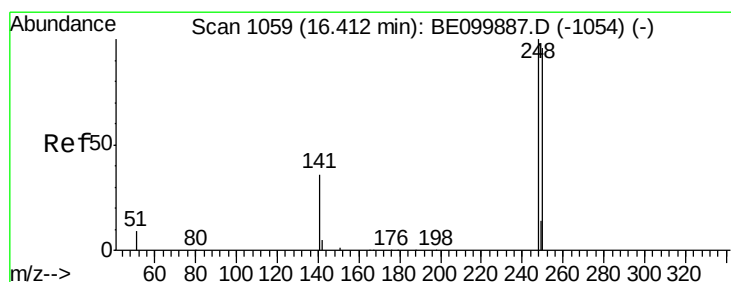
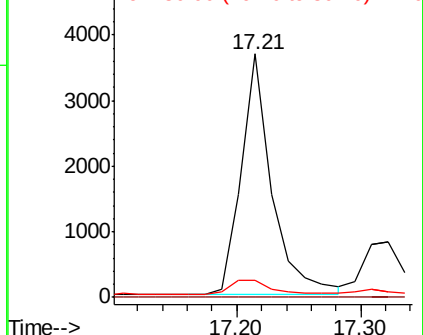
80 7.2 6.4 9.6



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: BE099905.D

Acq: 11 Jun 2019 00:09

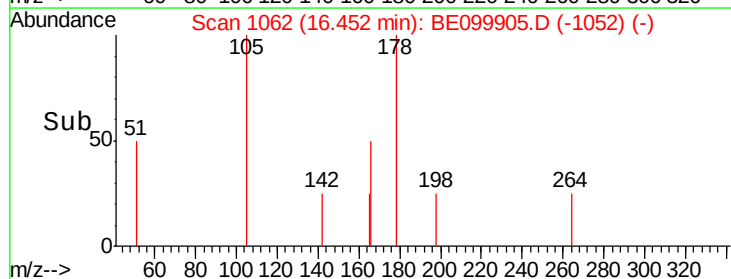
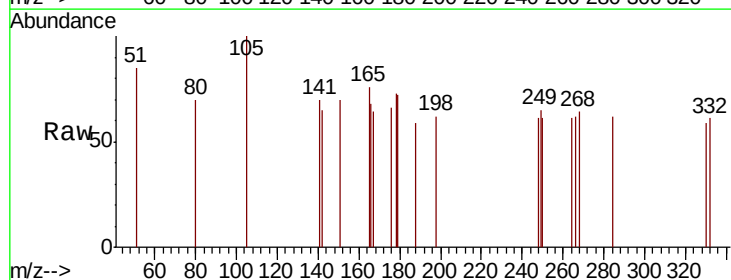
Tgt Ion:248 Resp: 2

Ion Ratio Lower Upper

248 100

250 100.0 77.5 116.3

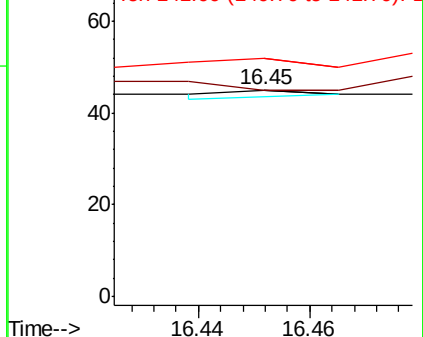
141 115.6 31.8 47.8#

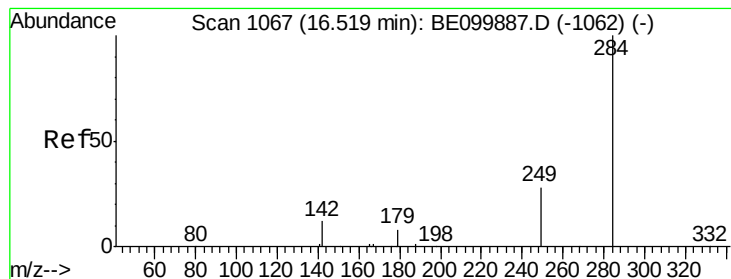


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.000 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.03 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190606

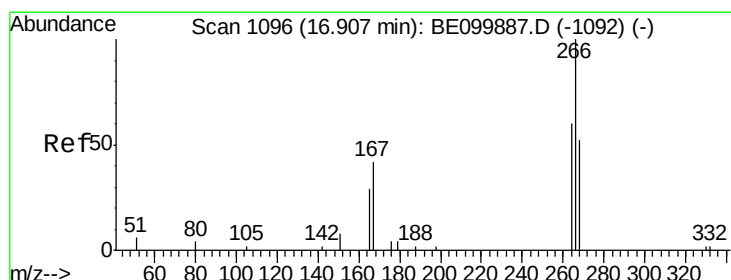
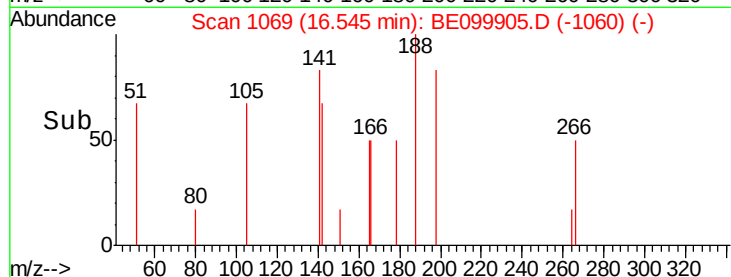
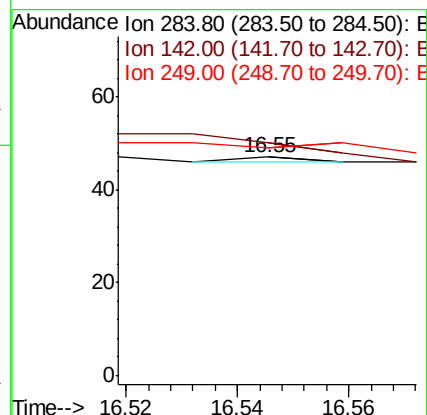
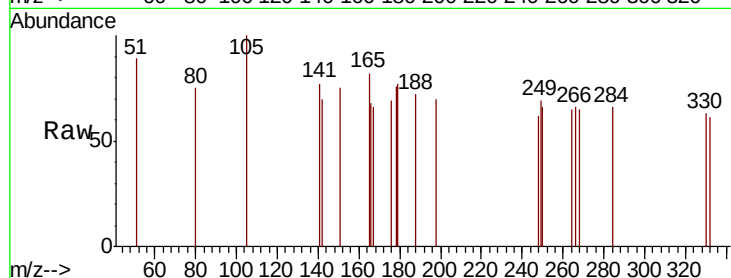
Tgt Ion: 284 Resp: 1

Ion Ratio Lower Upper

284 100

142 0.0 18.2 27.4#

249 0.0 24.6 37.0#



#22

Pentachlorophenol

Concen: 0.303 ng

RT: 17.01 min Scan# 1104

Delta R.T. 0.11 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

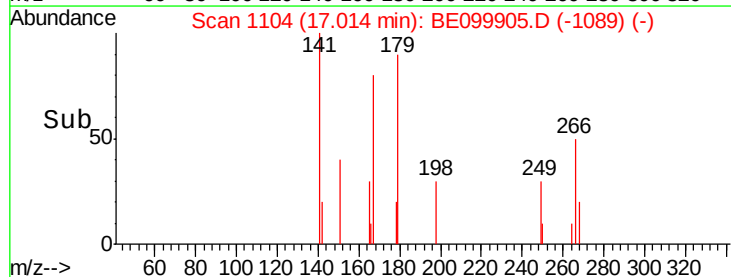
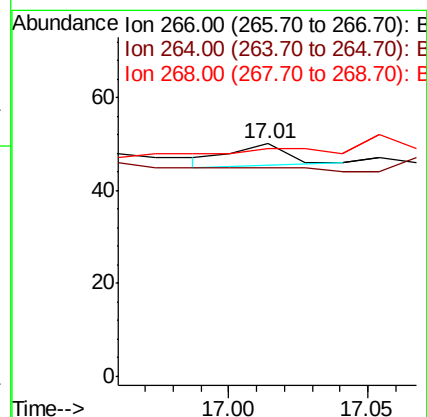
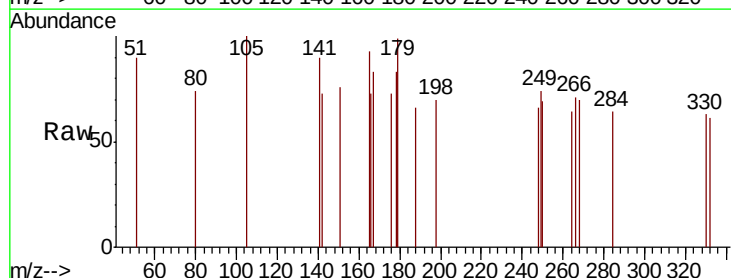
Tgt Ion: 266 Resp: 6

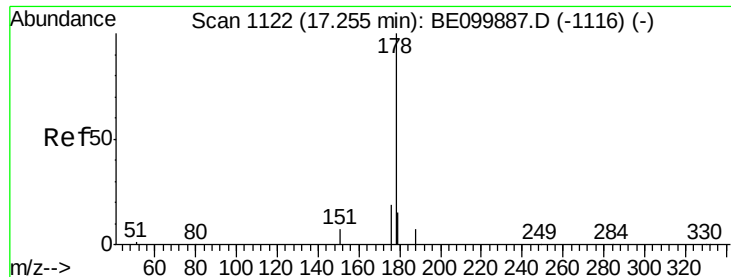
Ion Ratio Lower Upper

266 100

264 90.0 62.2 93.2

268 98.0 65.5 98.3





#23

Phenanthrene

Concen: 0.006 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190606

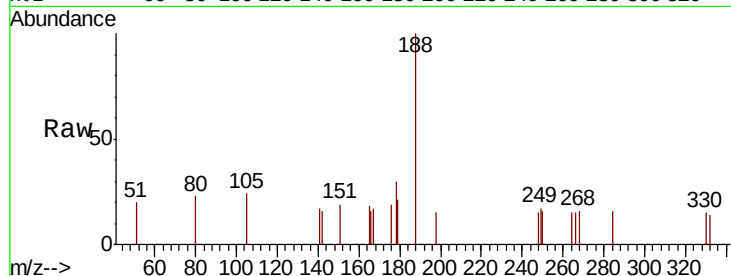
Tgt Ion:178 Resp: 88

Ion Ratio Lower Upper

178 100

176 43.2 15.8 23.8#

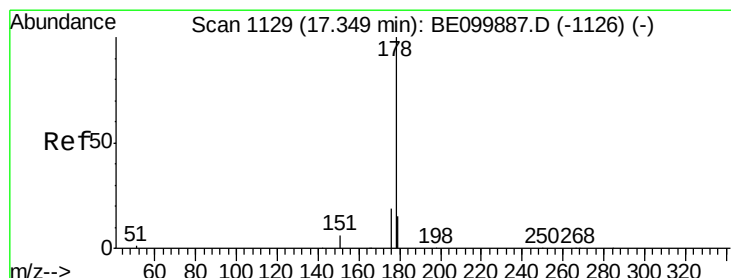
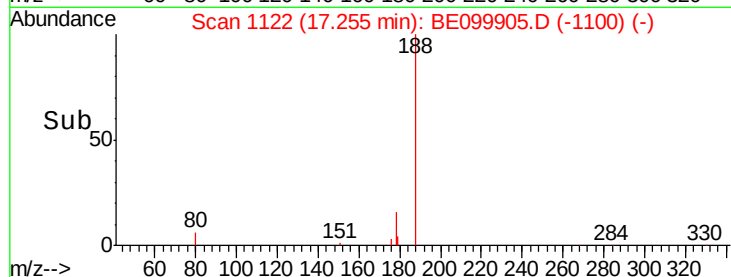
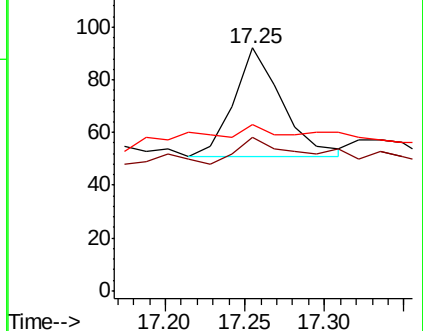
179 44.3 12.4 18.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.001 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

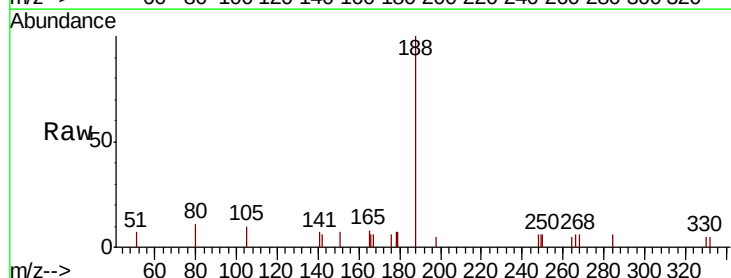
Tgt Ion:178 Resp: 14

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

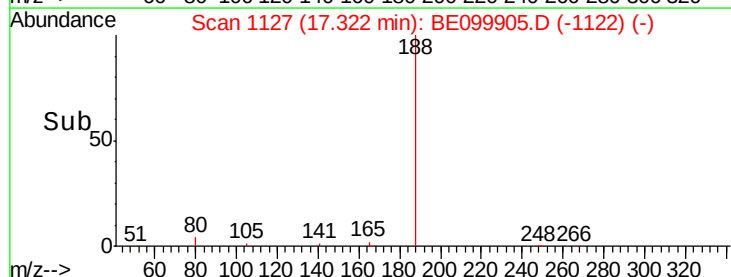
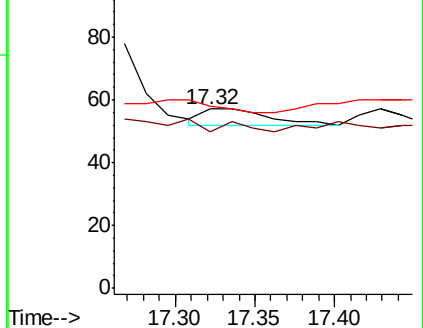
179 0.0 12.3 18.5#

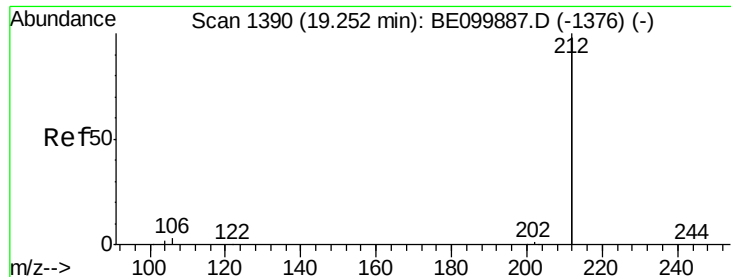


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

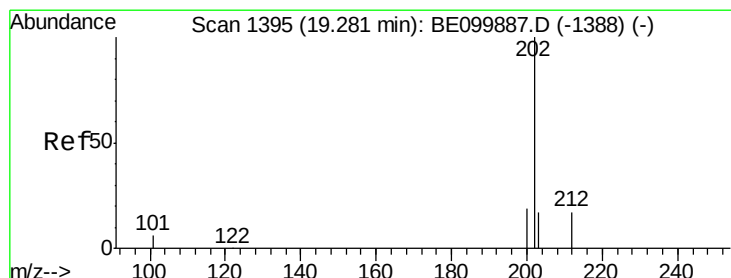
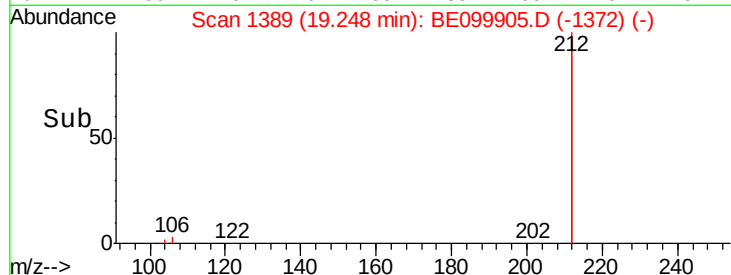
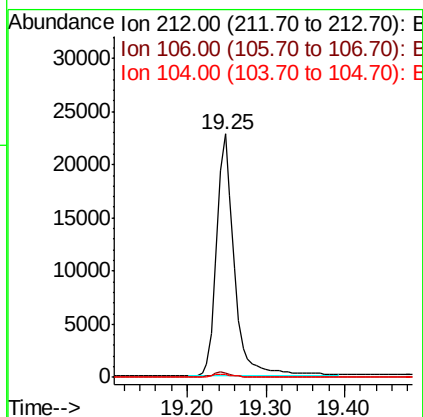
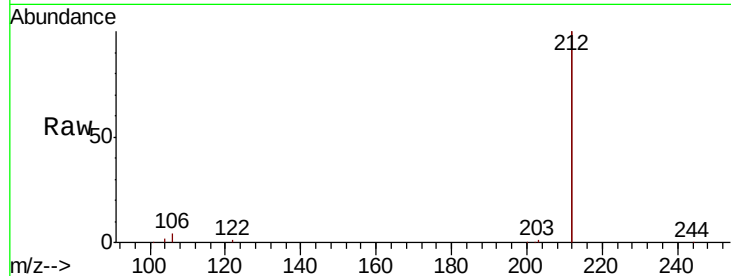




#25
 Fluoranthene-d10
 Concen: 0.377 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BE099905.D
 Acq: 11 Jun 2019 00:09

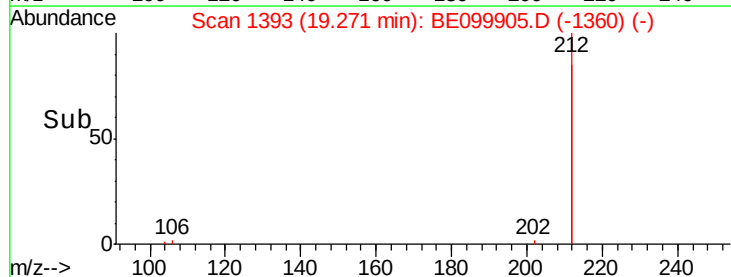
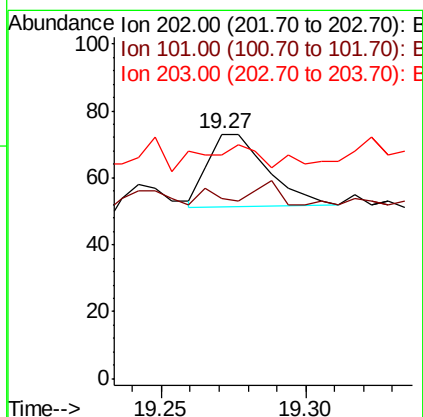
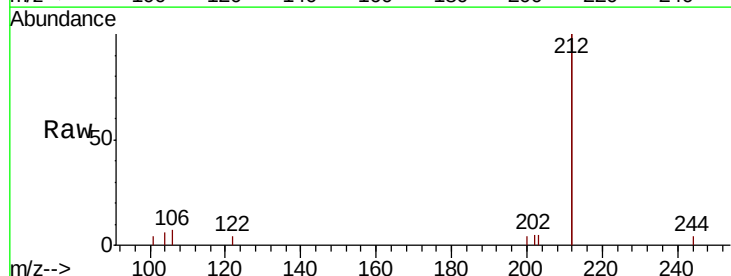
Instrument :
 BNA_E
 ClientSampleId :
 RE131D3-20190606

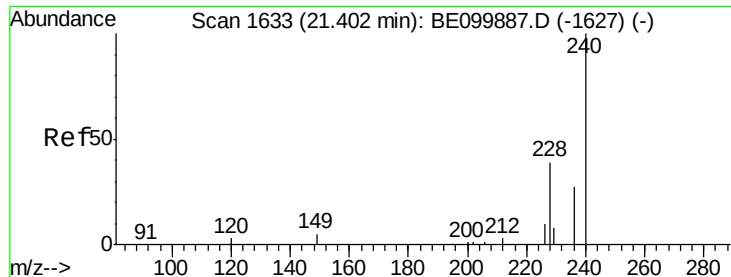
Tgt Ion:212 Resp: 34662
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.9 1.3



#26
 Fluoranthene
 Concen: 0.001 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BE099905.D
 Acq: 11 Jun 2019 00:09

Tgt Ion:202 Resp: 31
 Ion Ratio Lower Upper
 202 100
 101 9.7 5.4 8.0#
 203 19.4 13.2 19.8

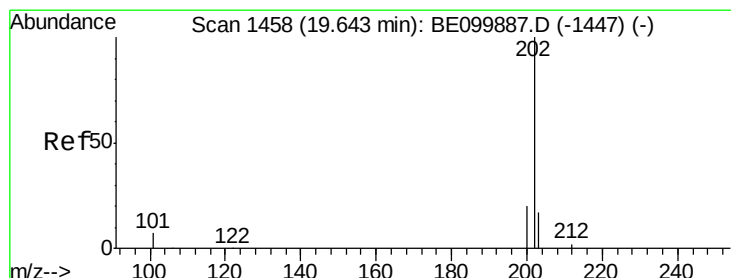
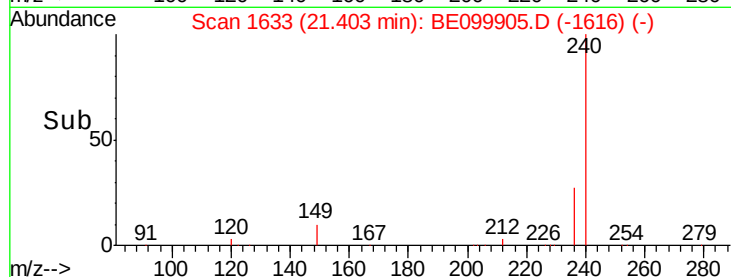
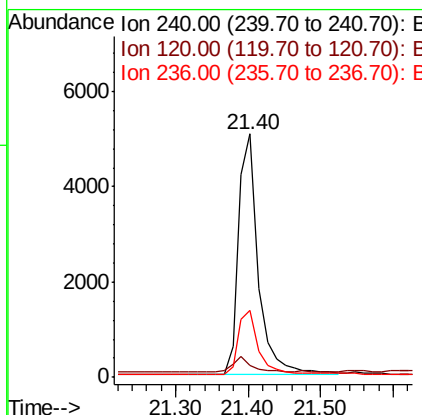
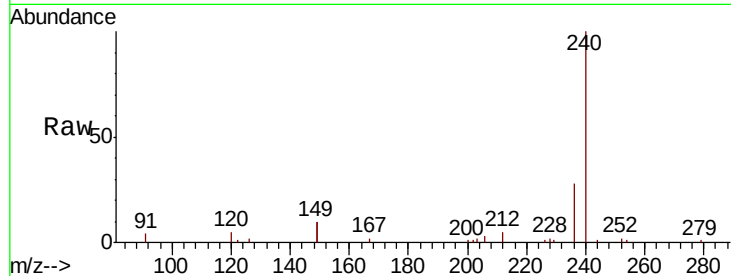




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099905.D
 Acq: 11 Jun 2019 00:09

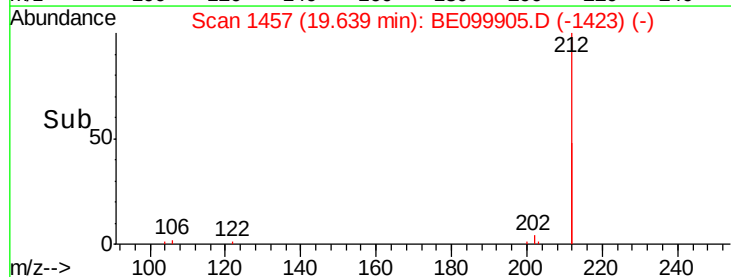
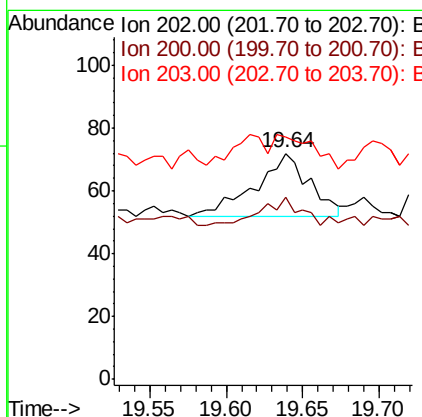
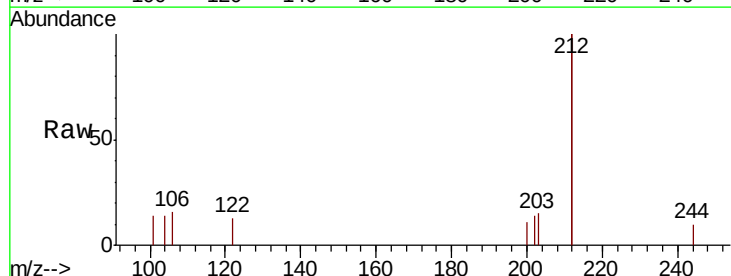
Instrument :
 BNA_E
 ClientSampleId :
 RE131D3-20190606

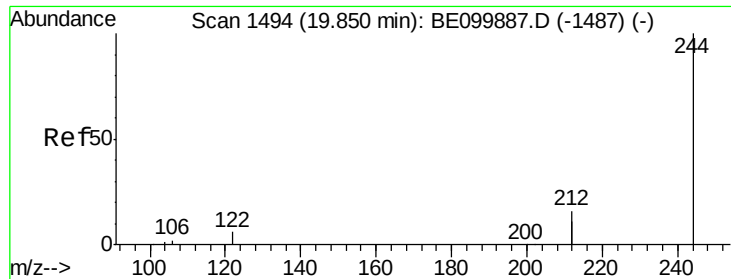
Tgt Ion:240 Resp: 9678
 Ion Ratio Lower Upper
 240 100
 120 5.2 3.8 5.6
 236 27.5 22.0 33.0



#28
 Pyrene
 Concen: 0.002 ng
 RT: 19.64 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BE099905.D
 Acq: 11 Jun 2019 00:09

Tgt Ion:202 Resp: 49
 Ion Ratio Lower Upper
 202 100
 200 32.7 15.5 23.3#
 203 38.8 14.0 21.0#





#29

Terphenyl-d14

Concen: 0.542 ng

RT: 19.85 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190606

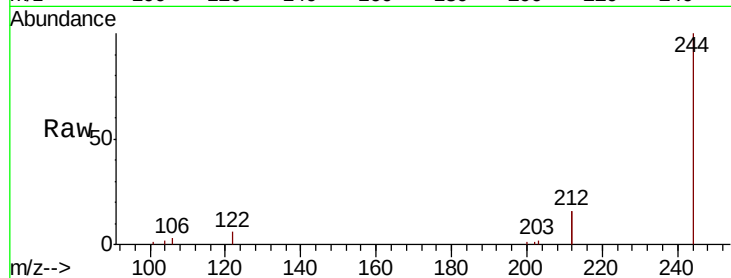
Tgt Ion:244 Resp: 9438

Ion Ratio Lower Upper

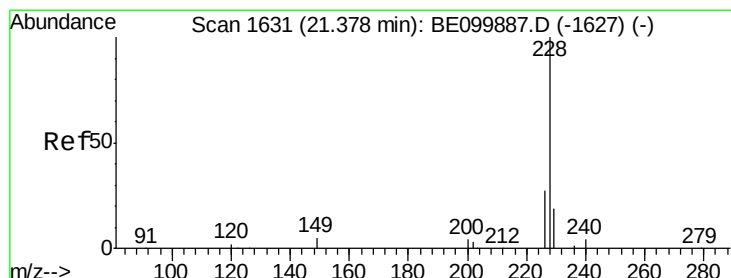
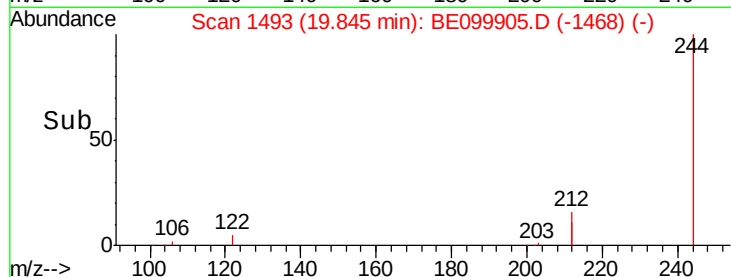
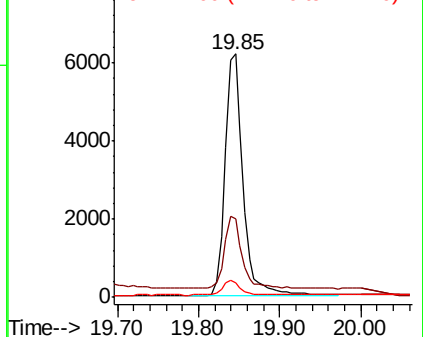
244 100

212 32.4 25.7 38.5

122 5.9 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: 0.004 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

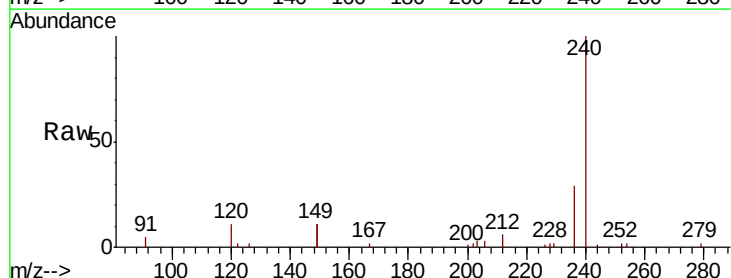
Tgt Ion:228 Resp: 108

Ion Ratio Lower Upper

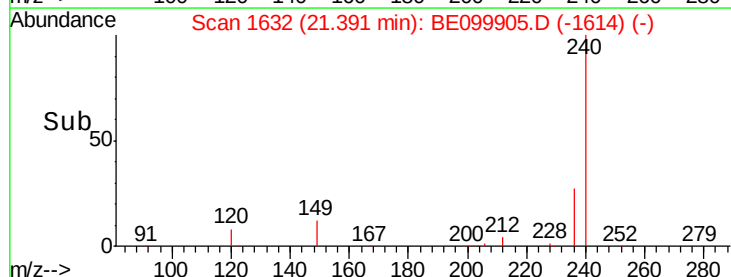
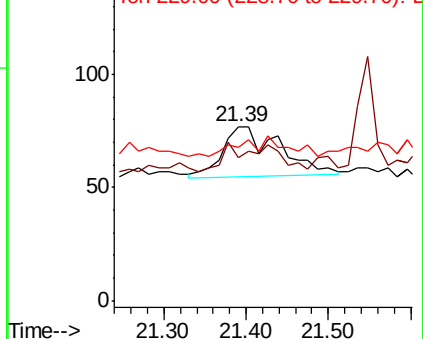
228 100

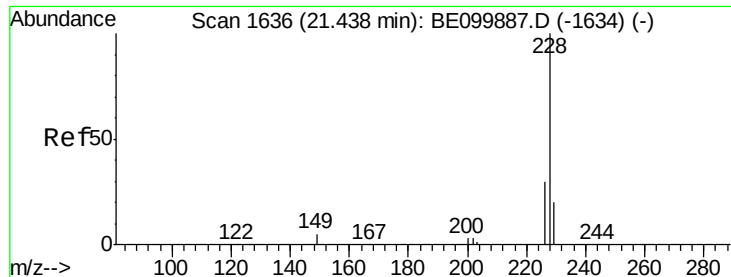
226 81.8 22.5 33.7#

229 88.3 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: 0.003 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.05 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190606

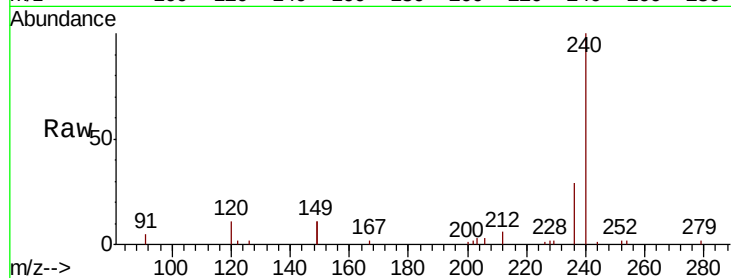
Tgt Ion:228 Resp: 81

Ion Ratio Lower Upper

228 100

226 81.8 24.1 36.1#

229 88.3 16.1 24.1#

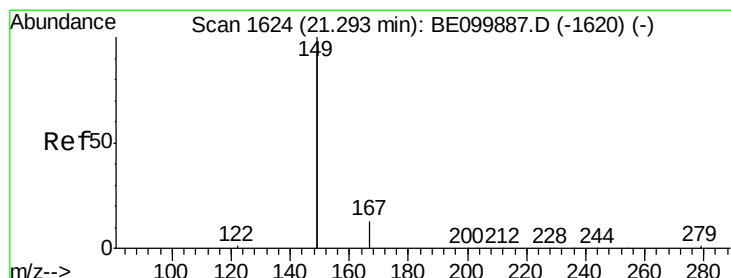
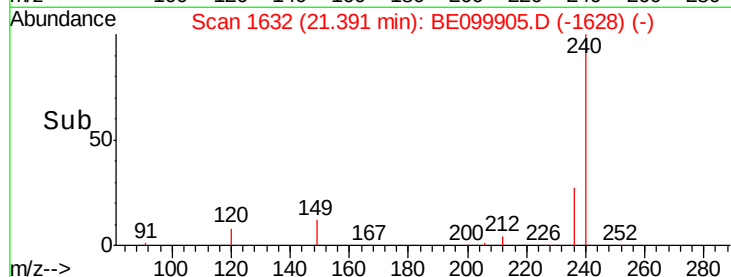
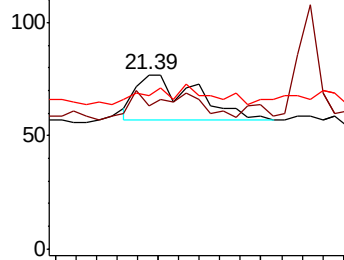


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.129 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

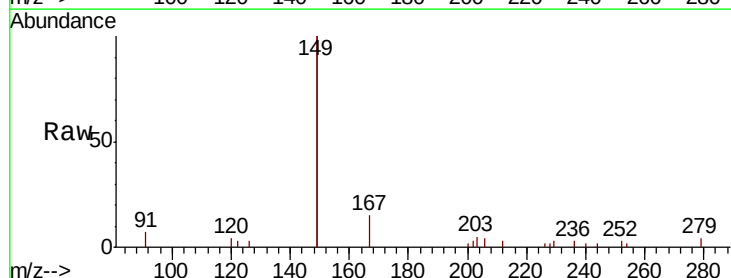
Tgt Ion:149 Resp: 5357

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

279 1.9 1.2 1.8#

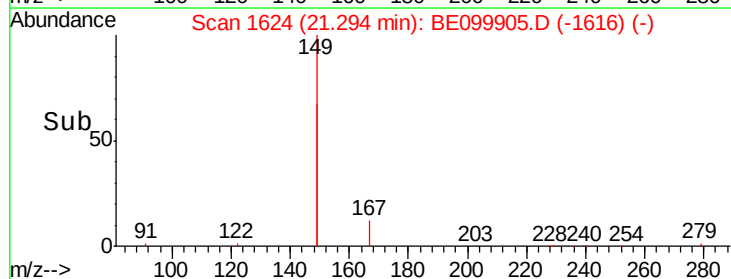
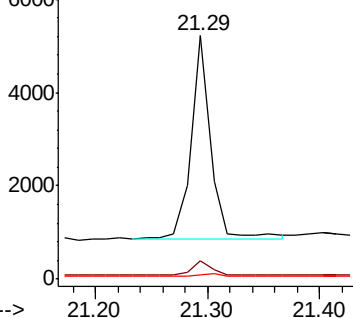


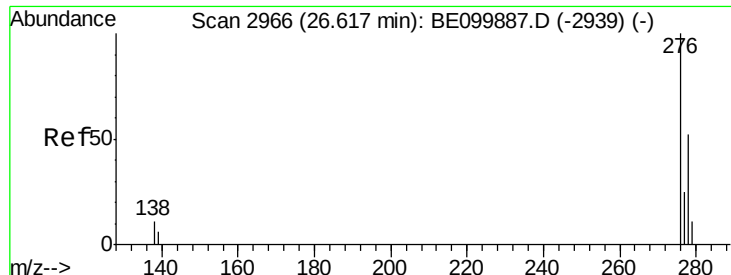
Abundance

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: 26.63 min Scan# 2970

Delta R.T. 0.01 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

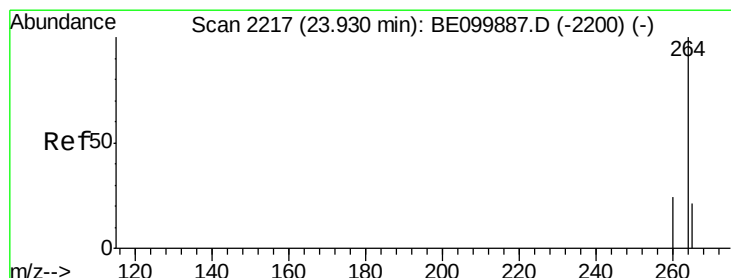
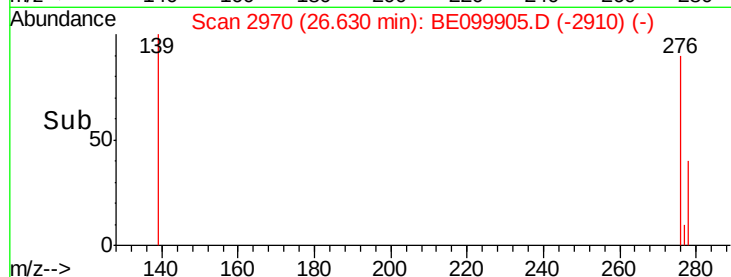
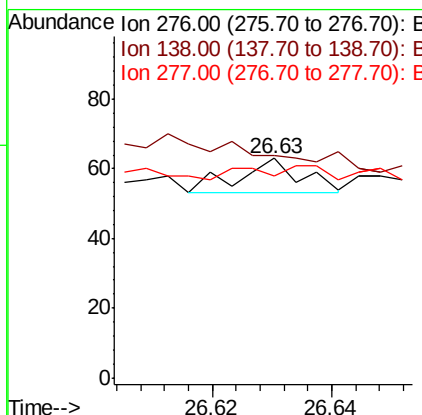
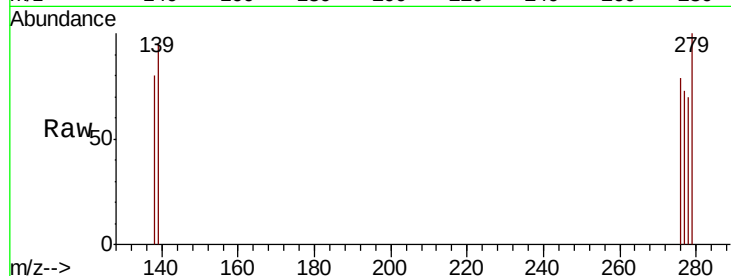
Instrument :

BNA_E

ClientSampleId :

RE131D3-20190606

Tgt Ion:	276	Resp:	7
Ion	Ratio	Lower	Upper
276	100		
138	0.0	10.1	15.1#
277	14.3	19.1	28.7#



#34

Perylene-d12

Concen: 0.400 ng

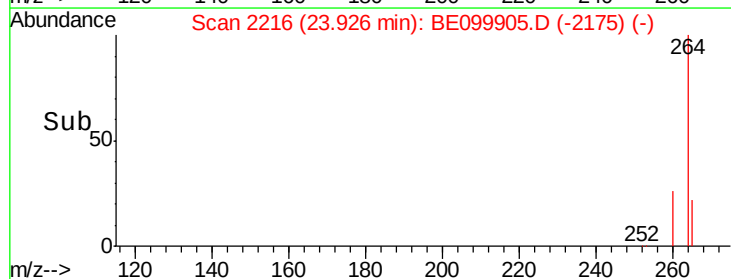
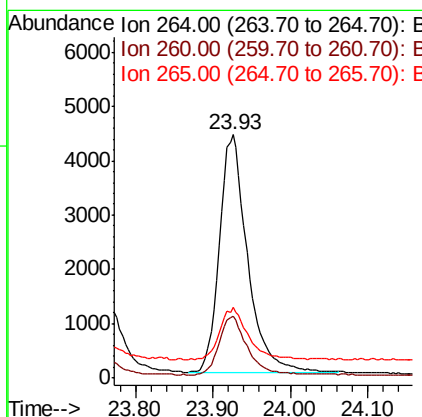
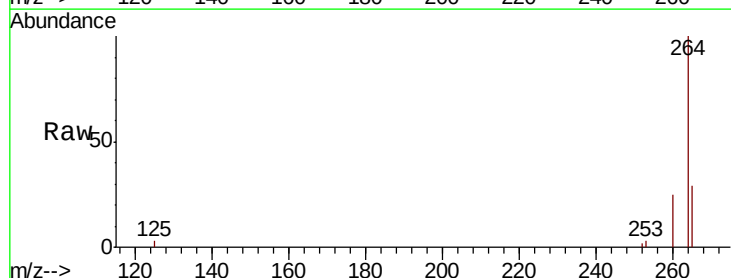
RT: 23.93 min Scan# 2216

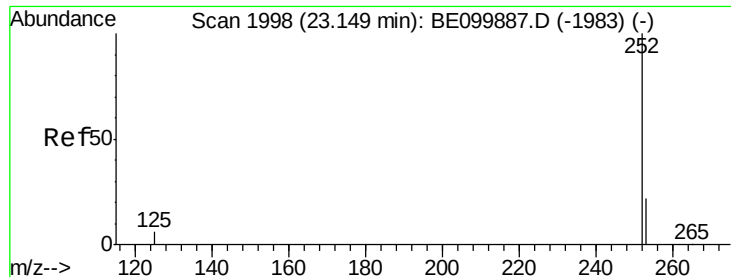
Delta R.T. -0.00 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

Tgt Ion:	264	Resp:	10979
Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.2
265	28.9	22.0	33.0





#35

Benzo(b)fluoranthene

Concen: 0.006 ng

RT: 23.15 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190606

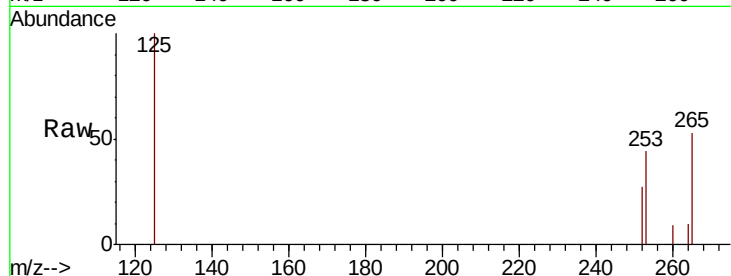
Tgt Ion:252 Resp: 184

Ion Ratio Lower Upper

252 100

253 161.7 18.7 28.1#

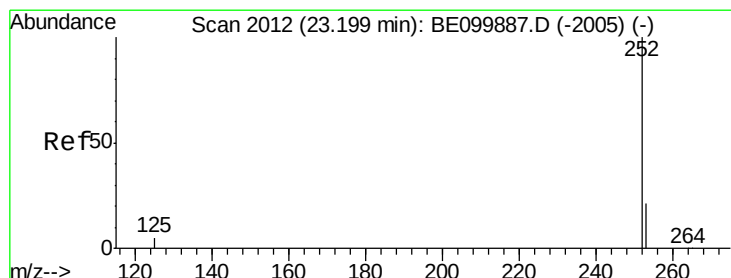
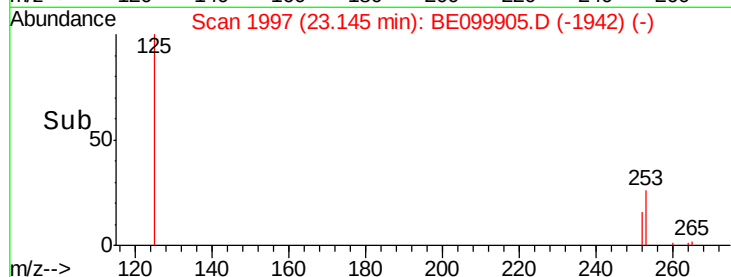
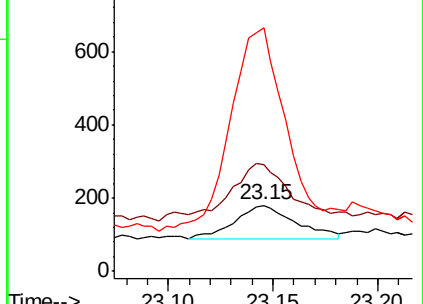
125 369.4 5.7 8.5#



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: 0.006 ng

RT: 23.15 min Scan# 1997

Delta R.T. -0.05 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

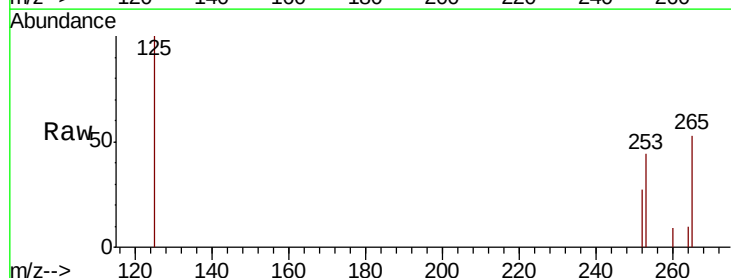
Tgt Ion:252 Resp: 184

Ion Ratio Lower Upper

252 100

253 161.7 18.6 28.0#

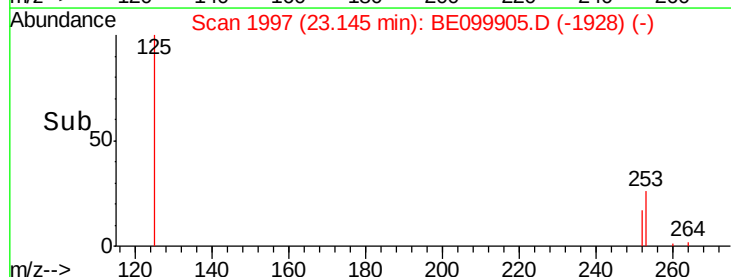
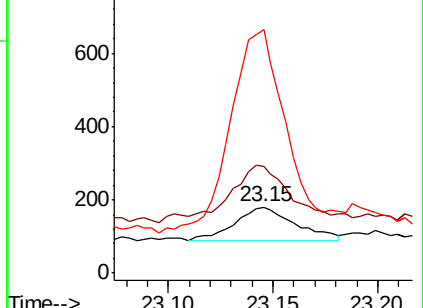
125 369.4 5.4 8.0#

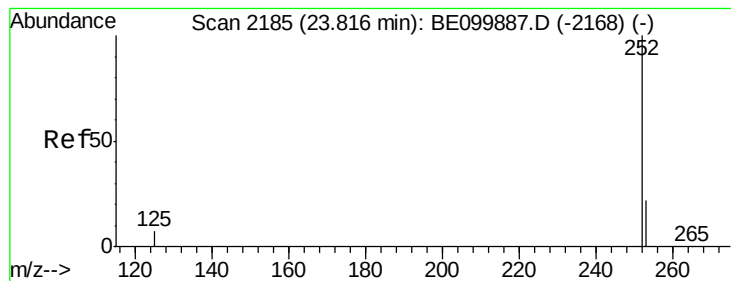


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.005 ng

RT: 23.82 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190606

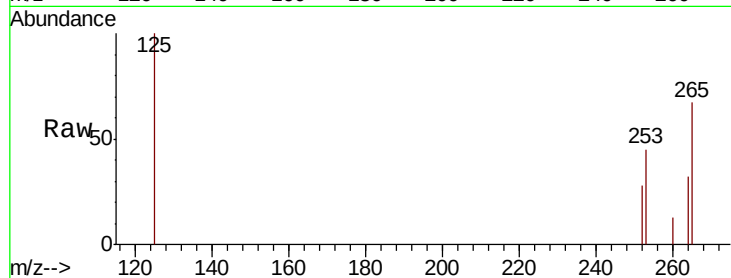
Tgt Ion: 252 Resp: 144

Ion Ratio Lower Upper

252 100

253 163.2 19.6 29.4#

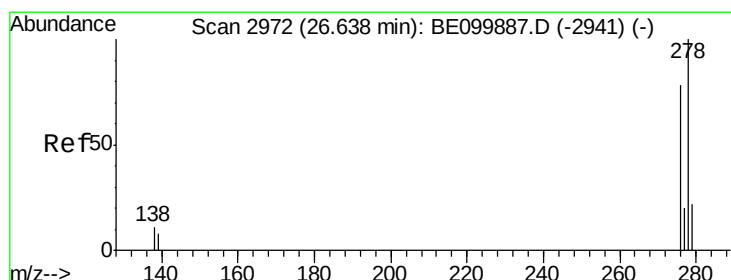
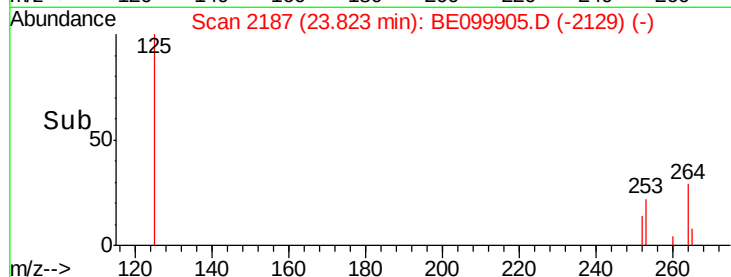
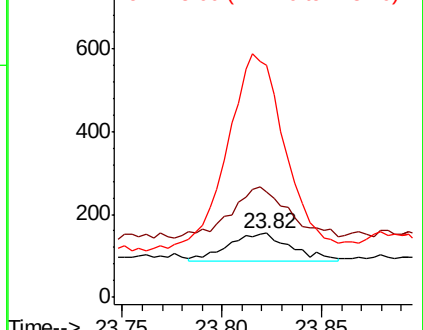
125 361.3 6.6 10.0#



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: 26.64 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BE099905.D

Acq: 11 Jun 2019 00:09

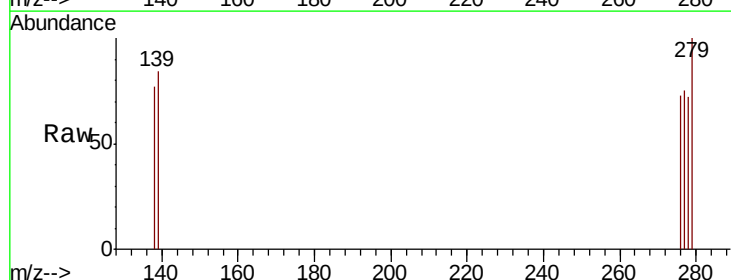
Tgt Ion: 278 Resp: 6

Ion Ratio Lower Upper

278 100

139 117.2 7.8 11.8#

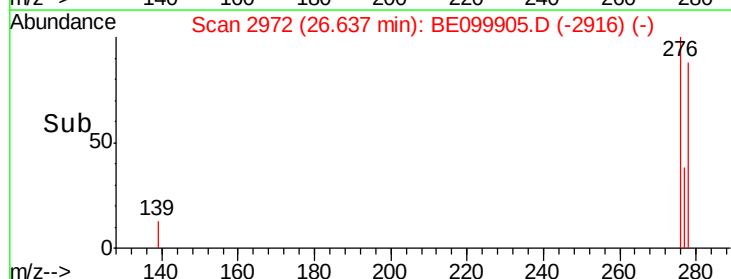
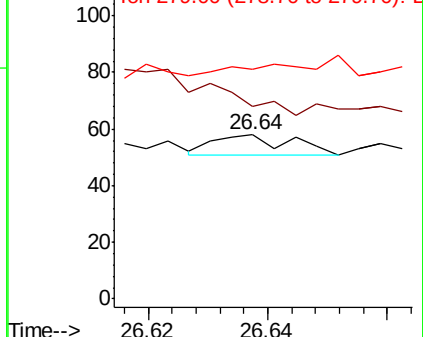
279 139.7 20.0 30.0#

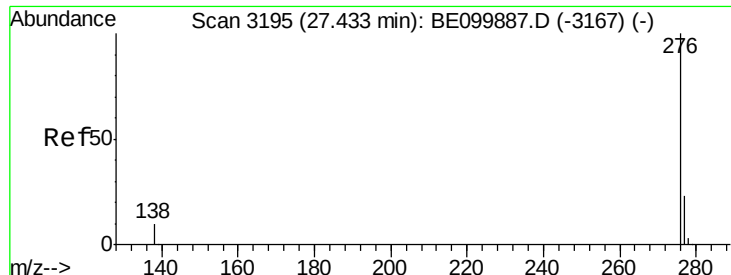


Abundance Ion 278.00 (277.70 to 278.70): E

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: 27.44 min Scan# 3196

Delta R.T. 0.00 min

Lab File: BE099905.D

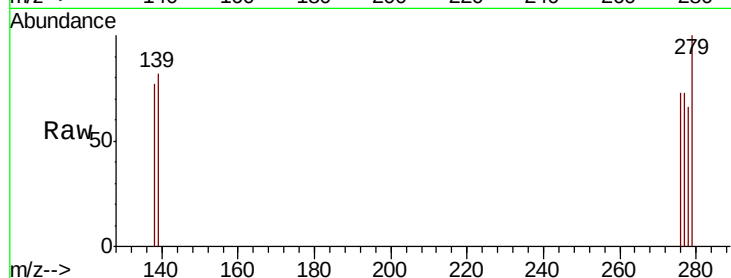
Acq: 11 Jun 2019 00:09

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190606



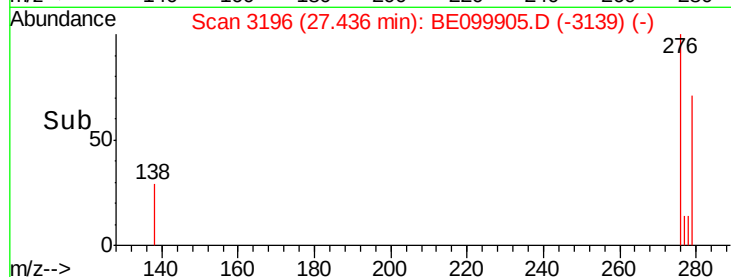
Tgt Ion: 276 Resp: 7

Ion Ratio Lower Upper

276 100

277 100.0 19.5 29.3#

138 105.2 9.5 14.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

