

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
 Data File : BE099989.D
 Acq On : 13 Jun 2019 14:44
 Operator : JU/SJ
 Sample : K3270-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-6-2019

Quant Time: Jun 14 03:24:37 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	7.78	152	832	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	3103	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2932	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	8345	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	11523	0.40	ng	-0.01
34) Perylene-d12	23.92	264	13587	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	195	0.09	ng	0.00
5) Phenol-d6	7.16	99	1826	0.63	ng	0.19
8) Nitrobenzene-d5	8.95	82	609	0.21	ng	-0.01
11) 2-Methylnaphthalene-d10	12.20	152	770	0.14	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	341	0.16	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	2413	0.22	ng	-0.03
25) Fluoranthene-d10	19.24	212	15192	0.12	ng	-0.01
29) Terphenyl-d14	19.84	244	6049	0.29	ng	-0.01

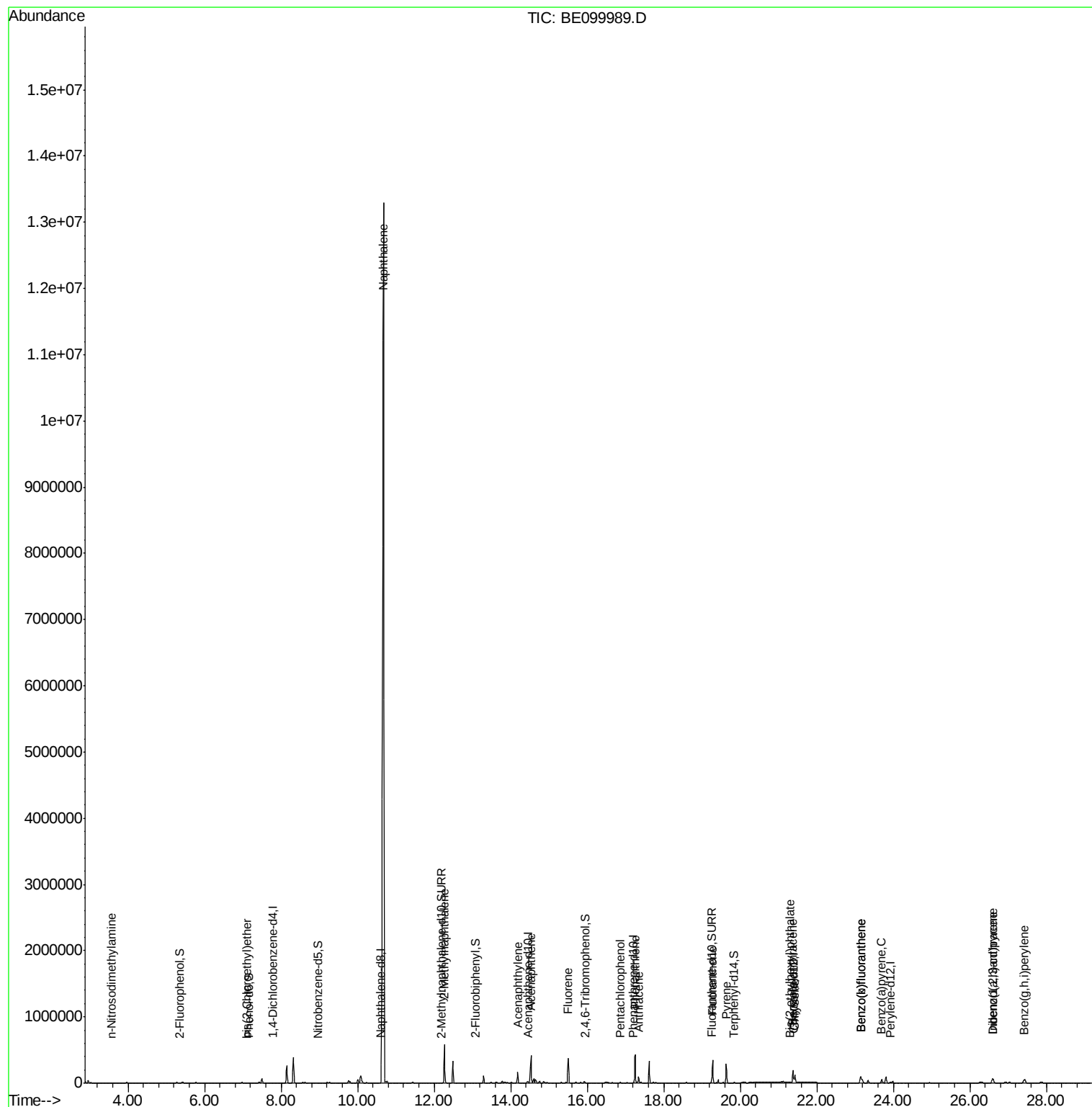
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.57	42	106	0.149	ng	# 100
6) bis(2-Chloroethyl)ether	7.11	93	786	0.333	ng	# 1
9) Naphthalene	10.68	128	31848789	950.820	ng	99
12) 2-Methylnaphthalene	12.27	142	373485	68.631	ng	99
16) Acenaphthylene	14.18	152	179626	12.314	ng	98
17) Acenaphthene	14.53	154	213095	26.822	ng	99
18) Fluorene	15.50	166	251158	21.062	ng	99
22) Pentachlorophenol	16.87	266	91	0.339	ng	97
23) Phenanthrene	17.26	178	532651	26.304	ng	99
24) Anthracene	17.34	178	91688	4.939	ng	# 93
26) Fluoranthene	19.28	202	323121	9.389	ng	98
28) Pyrene	19.63	202	274310	9.061	ng	98
30) Benzo(a)anthracene	21.38	228	161026	4.676	ng	94
31) Chrysene	21.43	228	118584	3.331	ng	96
32) Bis(2-ethylhexyl)phthalate	21.29	149	5340	0.108	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.60	276	126911	3.005	ng	# 97
35) Benzo(b)fluoranthene	23.14	252	194324	5.104	ng	99
36) Benzo(k)fluoranthene	23.14	252	194324	4.879	ng	99
37) Benzo(a)pyrene	23.69	252	100890	2.690	ng	96
38) Dibenzo(a,h)anthracene	26.61	278	30830	0.816	ng	98
39) Benzo(g,h,i)perylene	27.43	276	148530	3.806	ng	98

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

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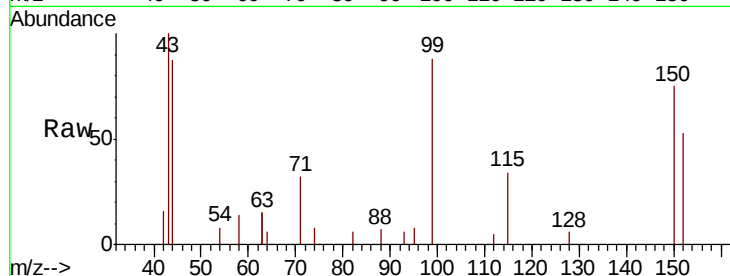


#1

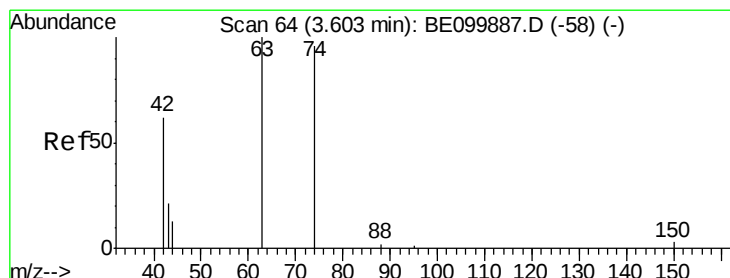
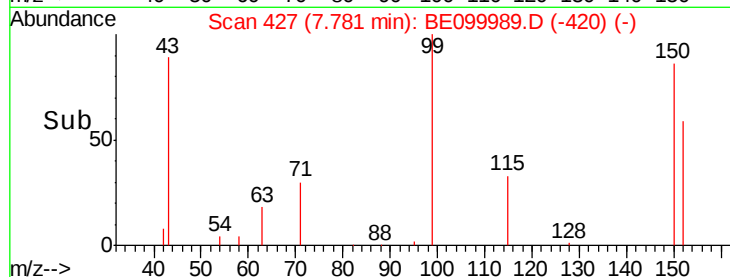
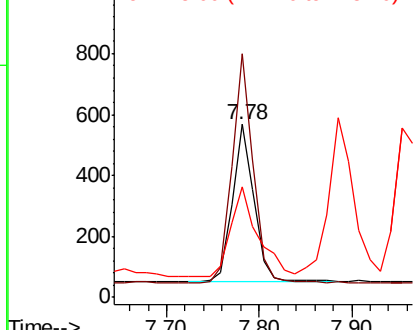
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099989.D
Acq: 13 Jun 2019 14:44

Instrument :
BNA_E
ClientSampled :
DUP-6-2019

Tgt Ion:152 Resp: 832
Ion Ratio Lower Upper
152 100
150 140.9 111.0 166.6
115 64.0 50.7 76.1



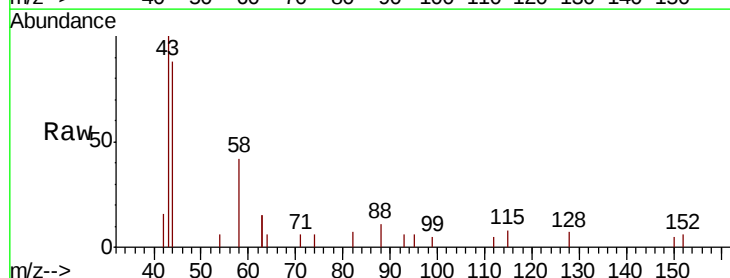
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



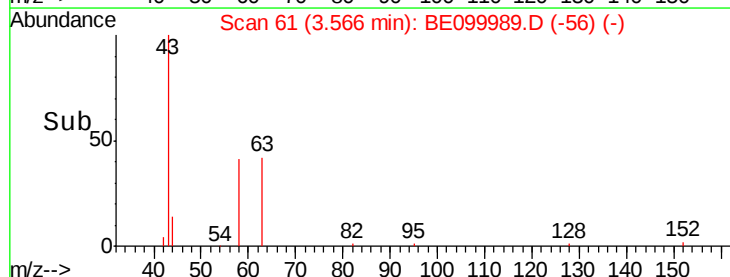
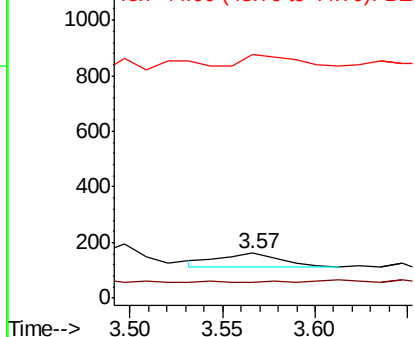
#3

n-Nitrosodimethylamine
Concen: 0.149 ng
RT: 3.57 min Scan# 61
Delta R.T. -0.04 min
Lab File: BE099989.D
Acq: 13 Jun 2019 14:44

Tgt Ion: 42 Resp: 106
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 68.9 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: 0.087 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

Instrument :

BNA_E

ClientSampleId :

DUP-6-2019

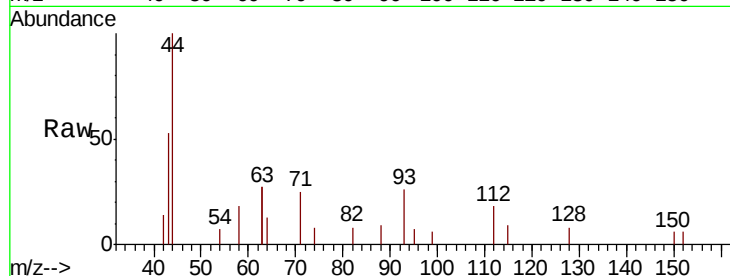
Tgt Ion: 112 Resp: 195

Ion Ratio Lower Upper

112 100

64 49.7 44.1 66.1

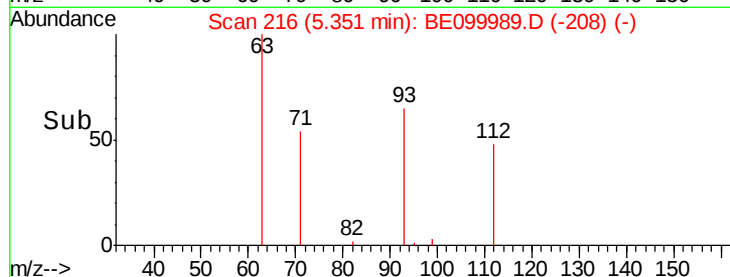
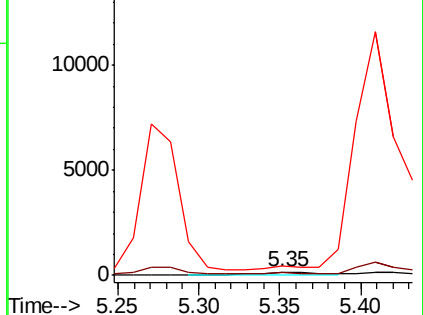
63 0.0 87.8 131.6#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.631 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.19 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

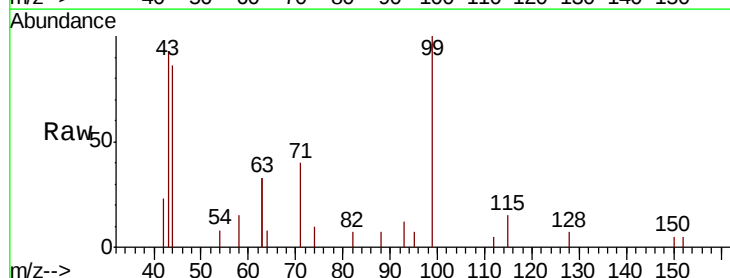
Tgt Ion: 99 Resp: 1826

Ion Ratio Lower Upper

99 100

42 21.4 15.9 23.9

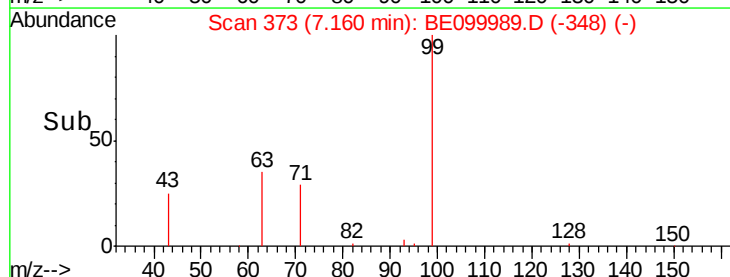
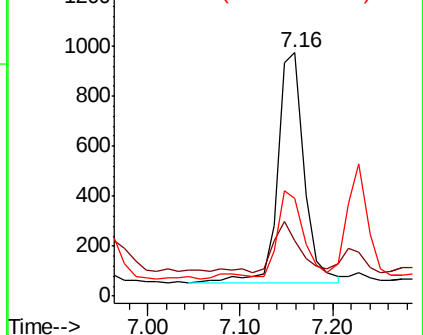
71 36.4 34.6 52.0

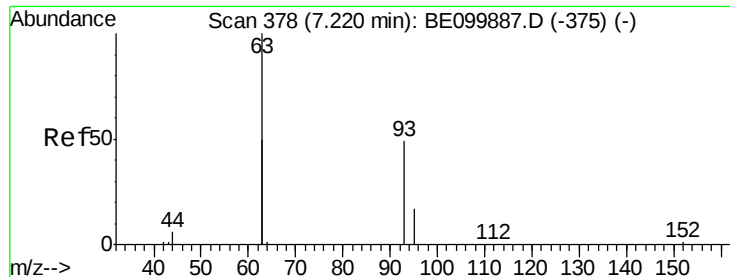


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.333 ng

RT: 7.11 min Scan# 369

Delta R.T. -0.11 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

Instrument :

BNA_E

ClientSampleId :

DUP-6-2019

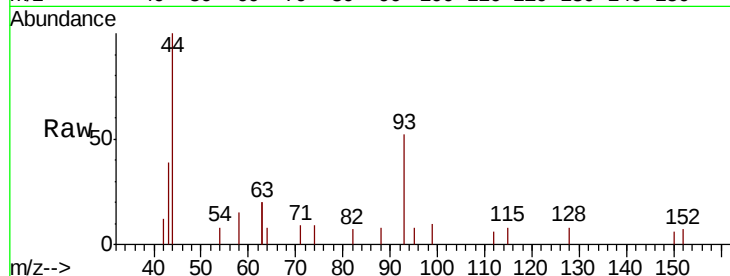
Tgt Ion: 93 Resp: 786

Ion Ratio Lower Upper

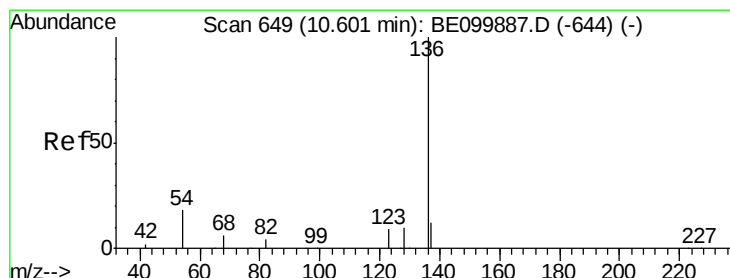
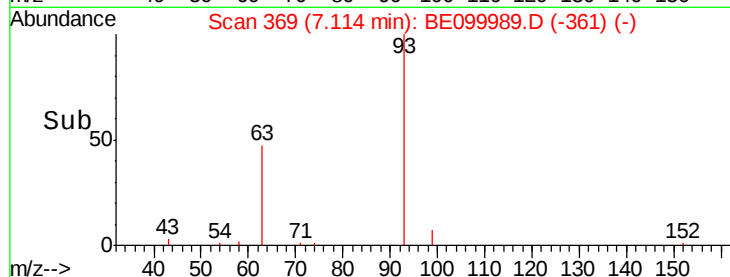
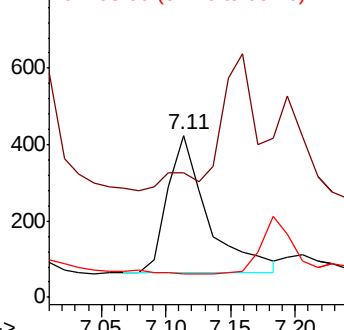
93 100

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: BE099989.D

Acq: 13 Jun 2019 14:44

Tgt Ion: 136 Resp: 3103

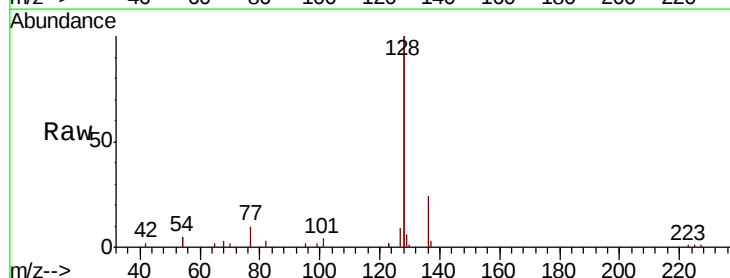
Ion Ratio Lower Upper

136 100

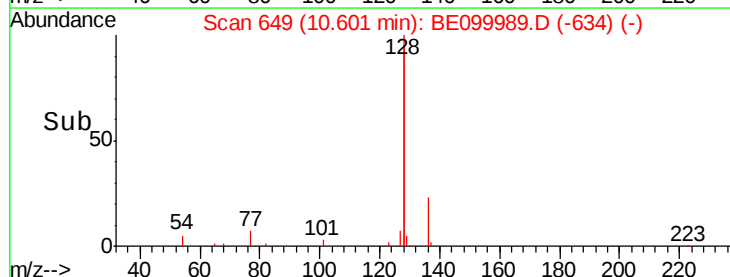
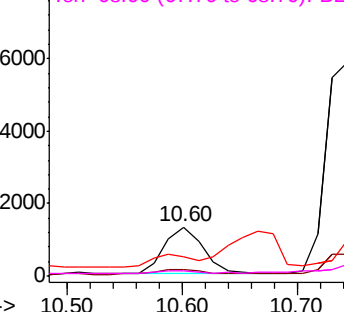
137 14.3 12.3 18.5

54 38.5 28.2 42.4

68 10.5 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: 0.207 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

Instrument :

BNA_E

ClientSampleId :

DUP-6-2019

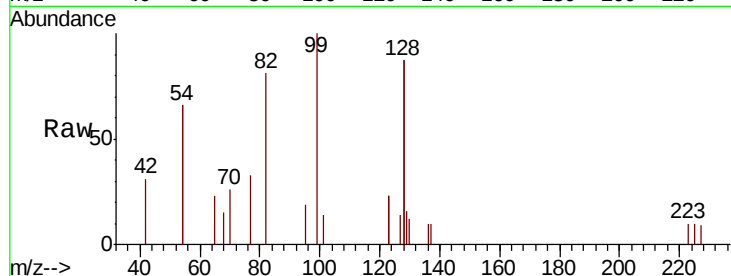
Tgt Ion: 82 Resp: 609

Ion Ratio Lower Upper

82 100

128 214.5 137.3 205.9#

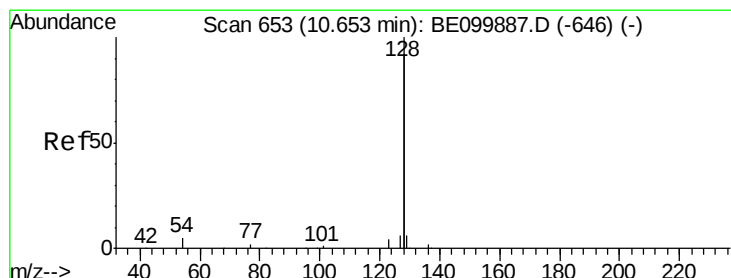
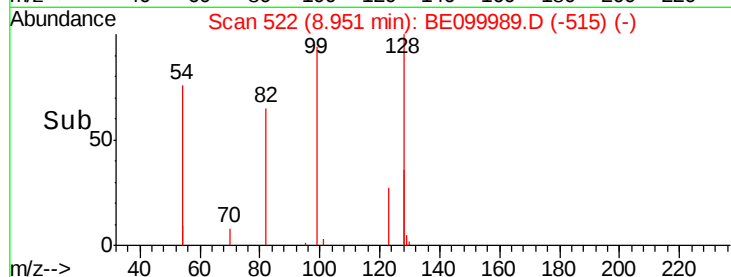
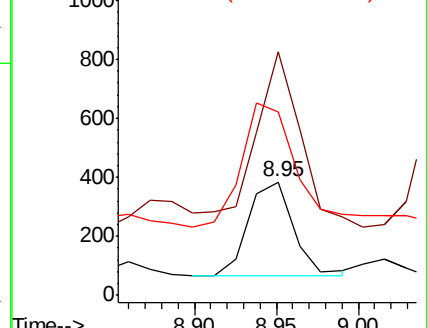
54 162.1 129.7 194.5



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: 950.820 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.03 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

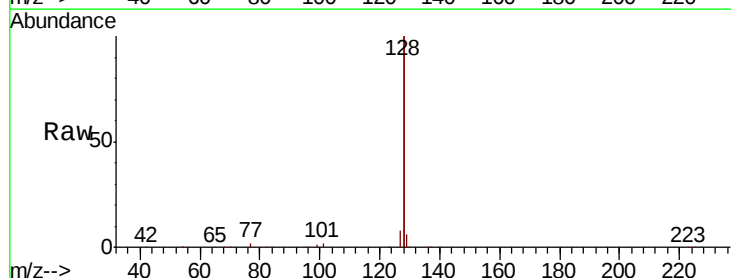
Tgt Ion: 128 Resp: 31848789

Ion Ratio Lower Upper

128 100

129 3.2 3.0 4.6

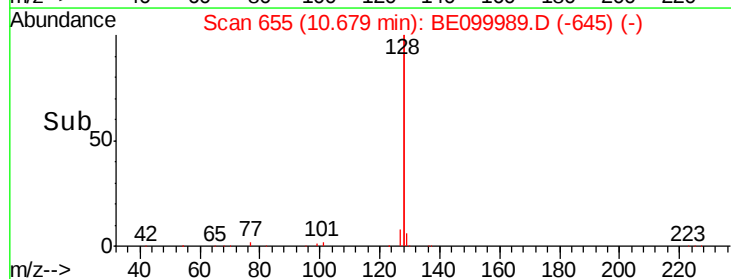
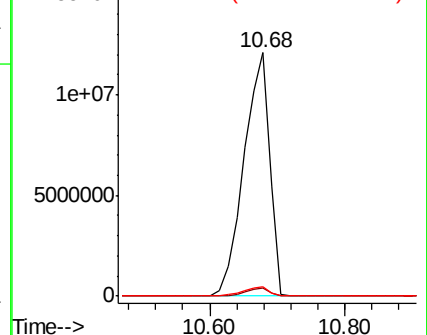
127 4.0 3.4 5.0

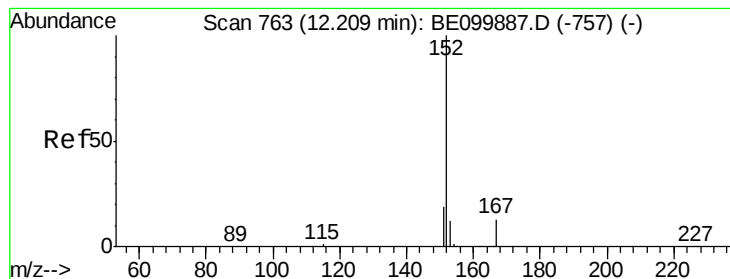


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.142 ng

RT: 12.20 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

Instrument :

BNA_E

ClientSampled :

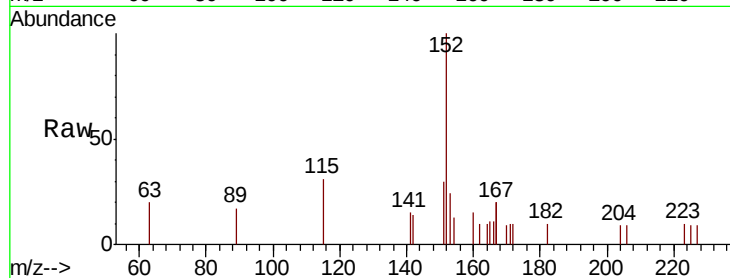
DUP-6-2019

Tgt Ion:152 Resp: 770

Ion Ratio Lower Upper

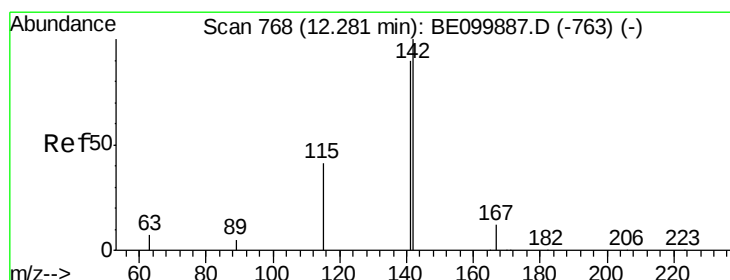
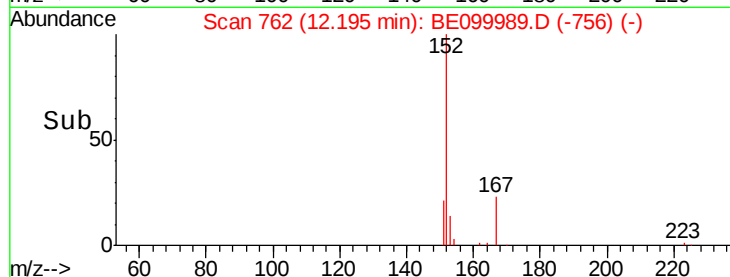
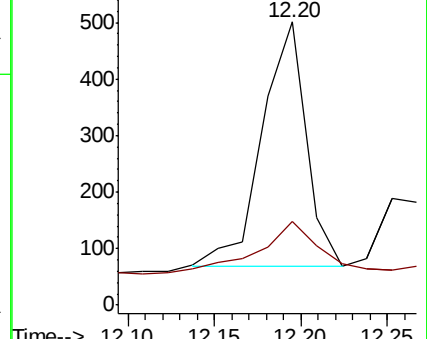
152 100

151 24.7 15.2 22.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 68.631 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.01 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

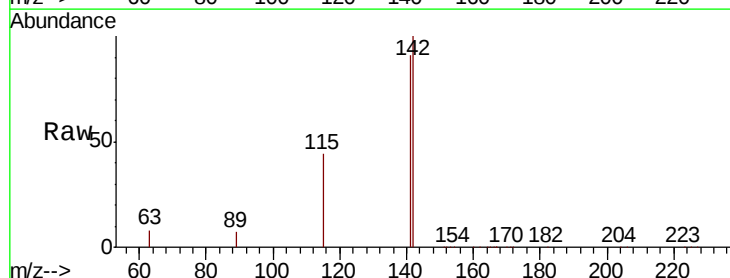
Tgt Ion:142 Resp: 373485

Ion Ratio Lower Upper

142 100

141 90.8 72.3 108.5

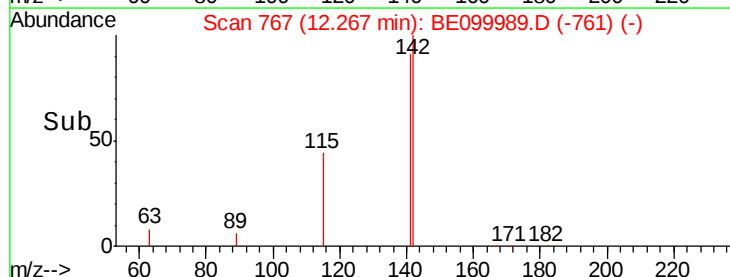
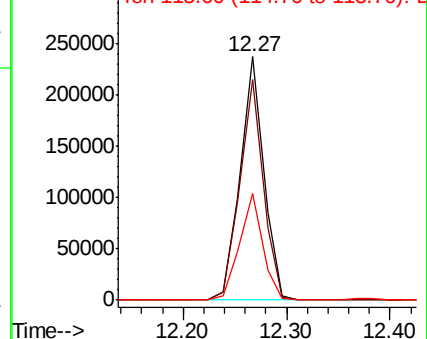
115 43.6 36.4 54.6

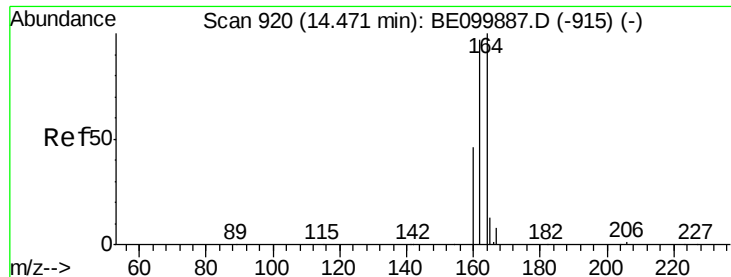


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.01 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

Instrument :

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DUP-6-2019

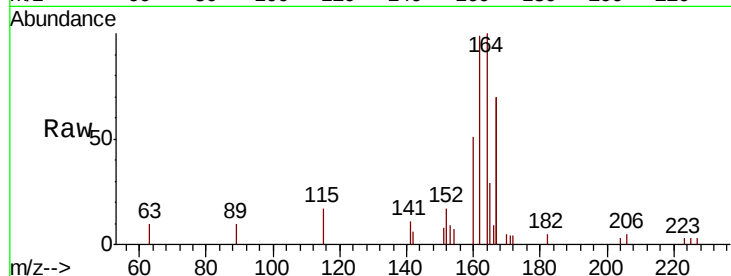
Tgt Ion:164 Resp: 2932

Ion Ratio Lower Upper

164 100

162 98.8 77.8 116.8

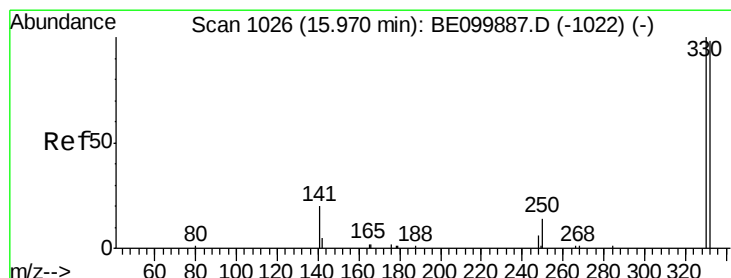
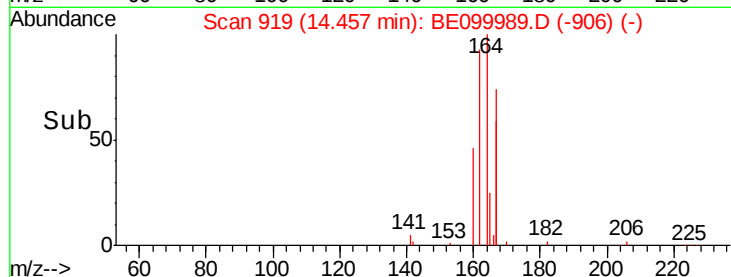
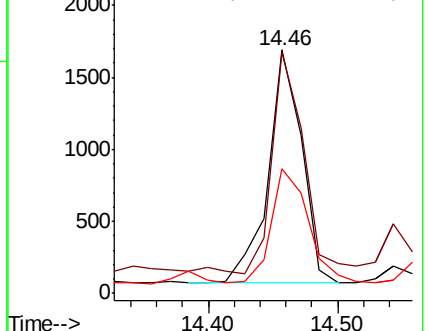
160 51.0 38.2 57.4



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: 0.157 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

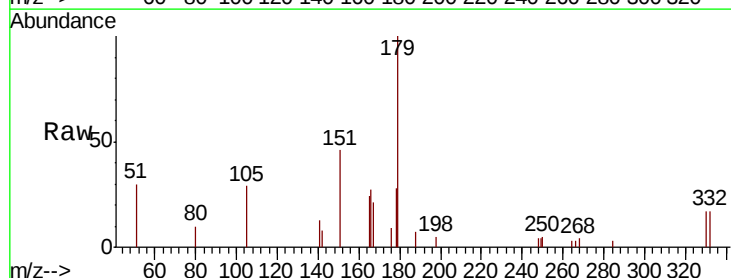
Tgt Ion:330 Resp: 341

Ion Ratio Lower Upper

330 100

332 100.0 76.7 115.1

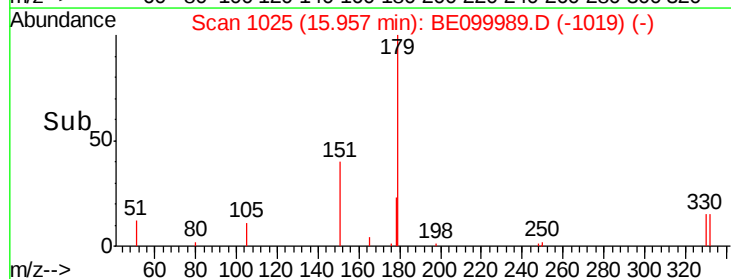
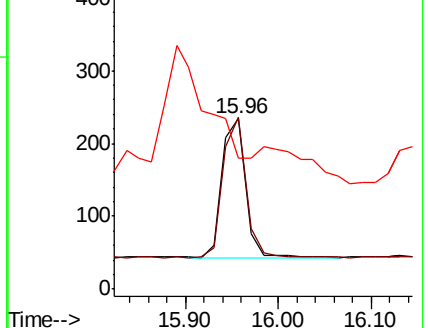
141 0.0 21.0 31.6#

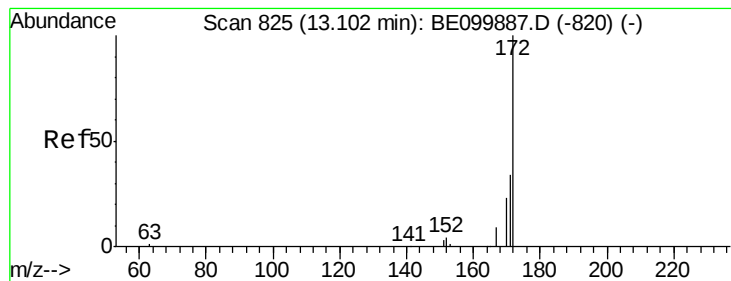


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.217 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.03 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

Instrument :

BNA_E

ClientSampleId :

DUP-6-2019

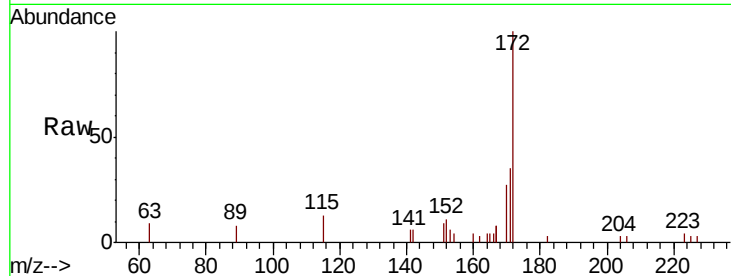
Tgt Ion:172 Resp: 2413

Ion Ratio Lower Upper

172 100

171 35.2 29.2 43.8

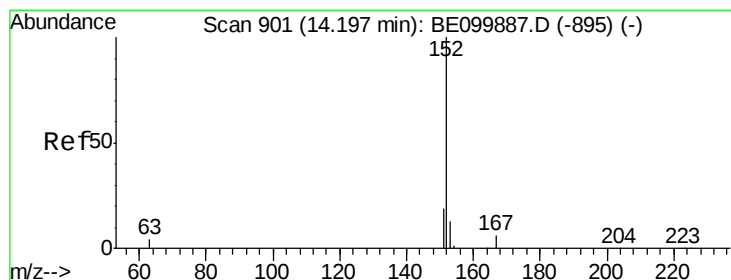
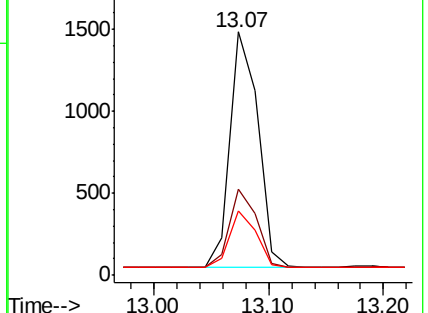
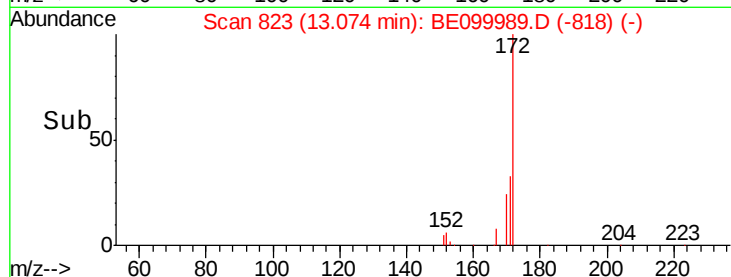
170 26.7 21.2 31.8



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: 12.314 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

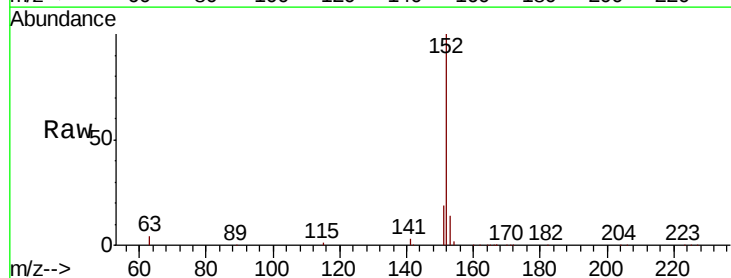
Tgt Ion:152 Resp: 179626

Ion Ratio Lower Upper

152 100

151 19.8 15.5 23.3

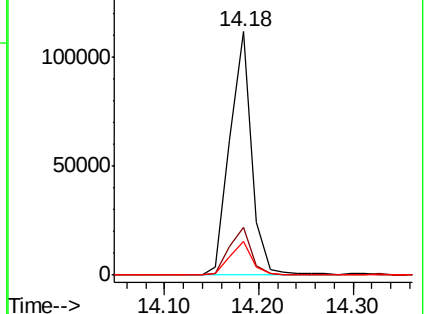
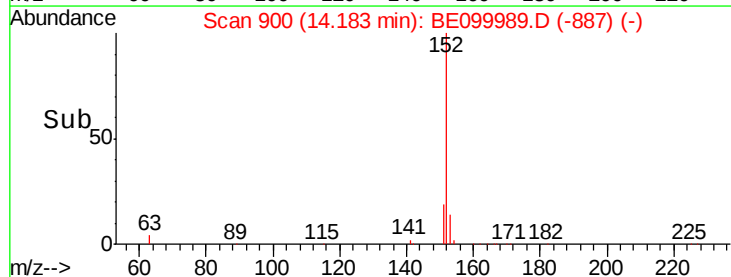
153 14.1 10.2 15.2

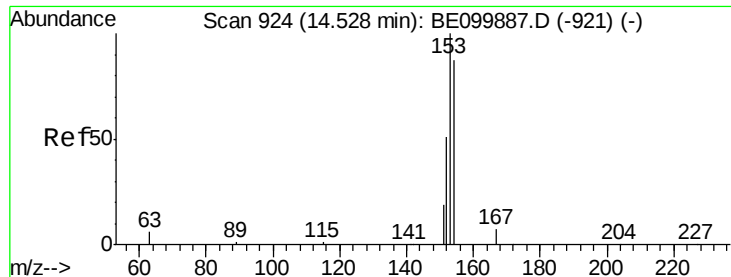


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

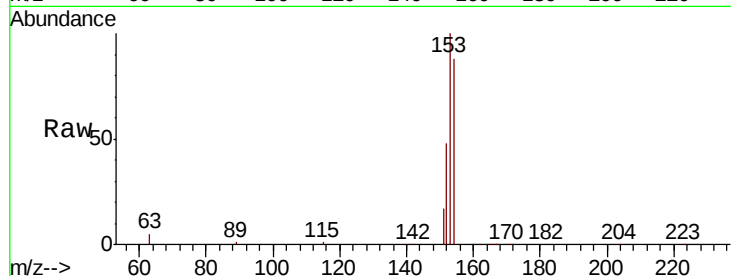




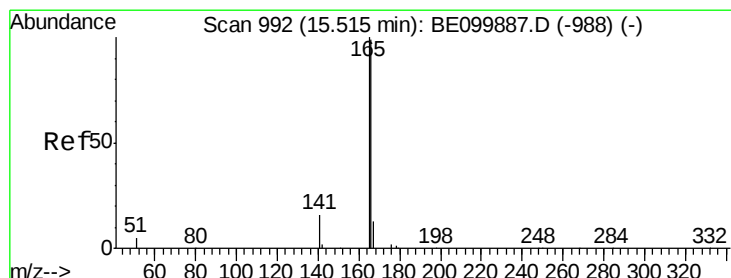
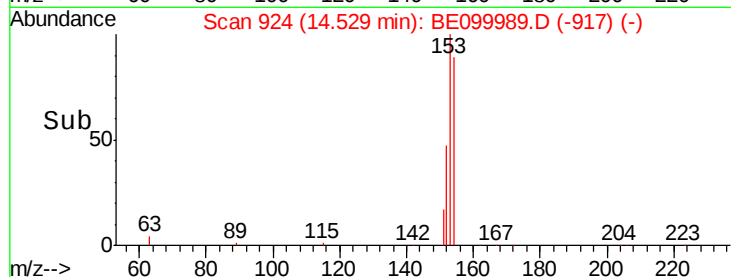
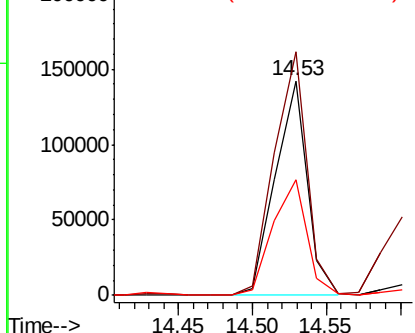
#17
Acenaphthene
Concen: 26.822 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099989.D
Acq: 13 Jun 2019 14:44

Instrument :
BNA_E
ClientSampleId :
DUP-6-2019

Tgt Ion:154 Resp: 213095
Ion Ratio Lower Upper
154 100
153 116.5 93.1 139.7
152 57.3 47.0 70.4

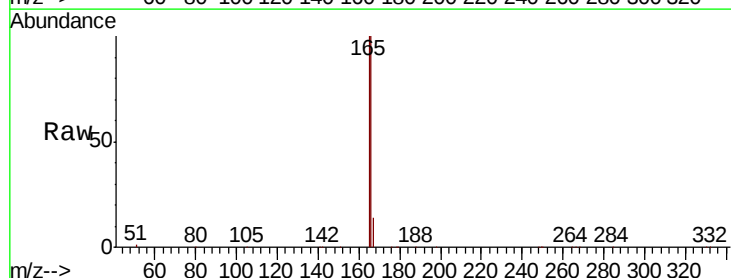


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

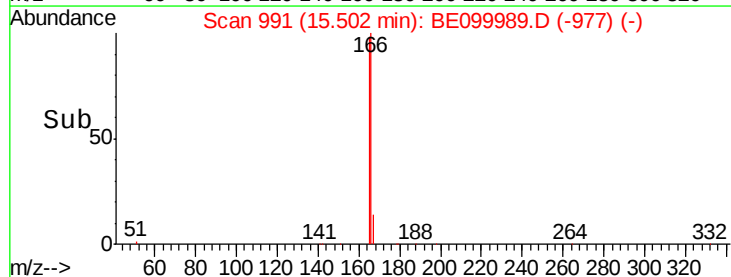
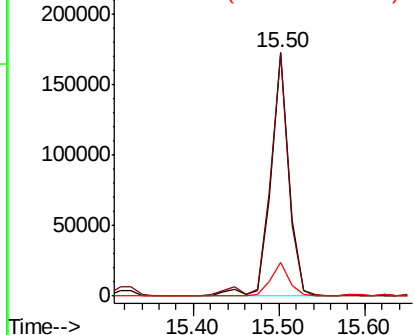


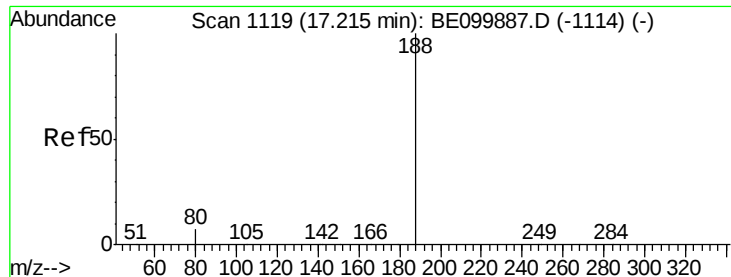
#18
Fluorene
Concen: 21.062 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099989.D
Acq: 13 Jun 2019 14:44

Tgt Ion:166 Resp: 251158
Ion Ratio Lower Upper
166 100
165 101.1 81.8 122.8
167 14.2 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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

Instrument :

BNA_E

ClientSampleId :

DUP-6-2019

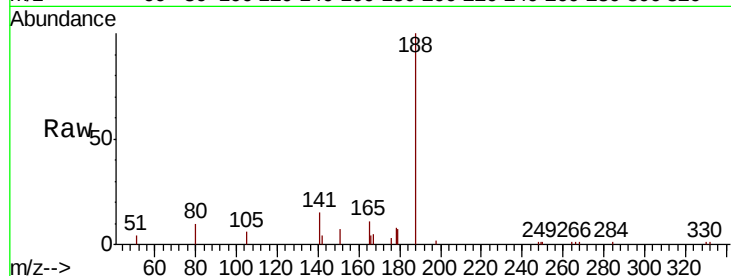
Tgt Ion:188 Resp: 8345

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

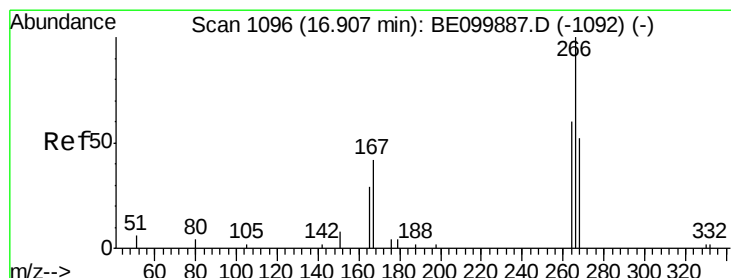
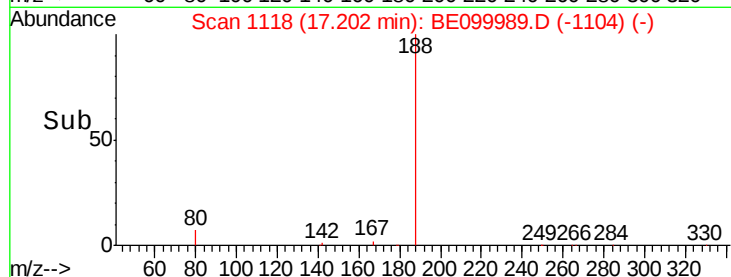
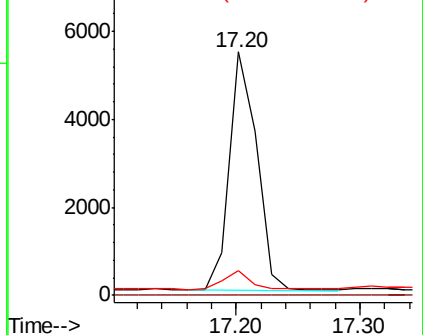
80 10.2 6.4 9.6#



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



#22

Pentachlorophenol

Concen: 0.339 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

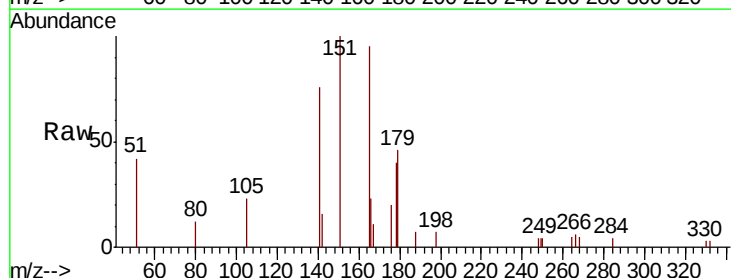
Tgt Ion:266 Resp: 91

Ion Ratio Lower Upper

266 100

264 80.4 62.2 93.2

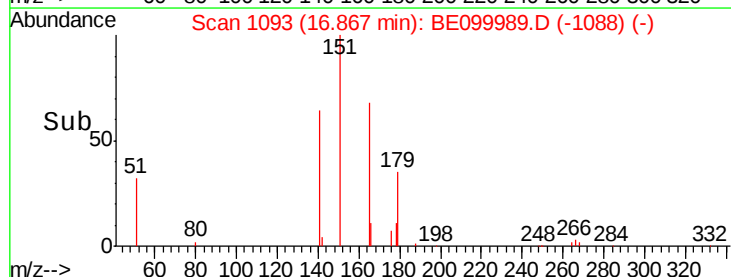
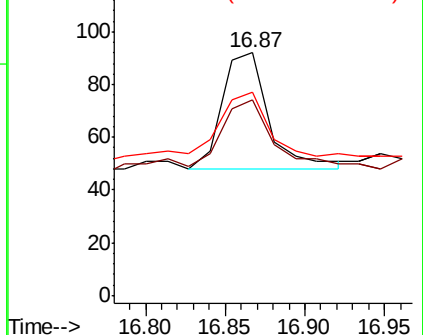
268 83.7 65.5 98.3

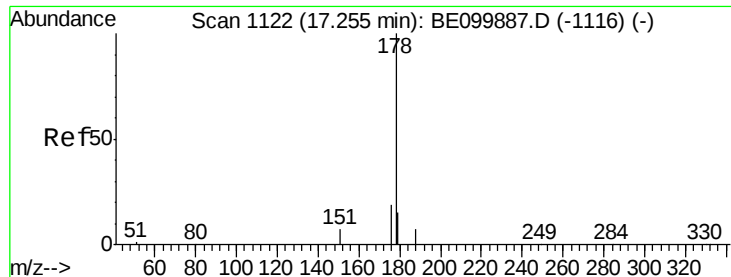


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 26.304 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

Instrument :

BNA_E

ClientSampleId :

DUP-6-2019

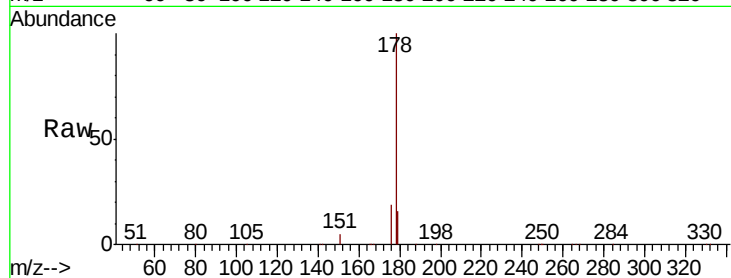
Tgt Ion:178 Resp: 532651

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

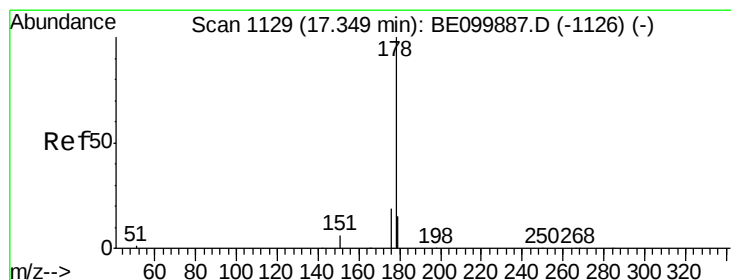
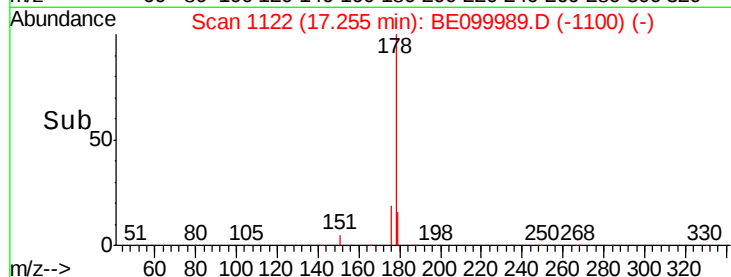
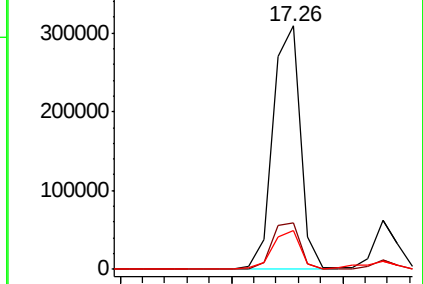
179 16.4 12.4 18.6



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: 4.939 ng

RT: 17.34 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

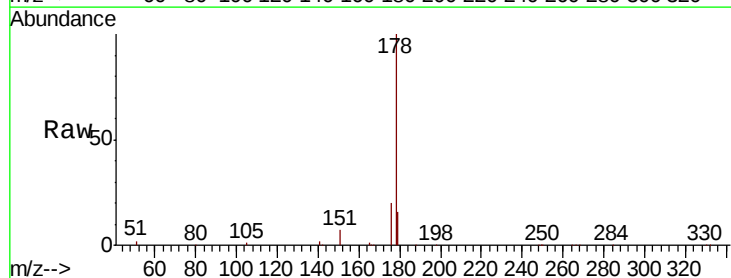
Tgt Ion:178 Resp: 91688

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

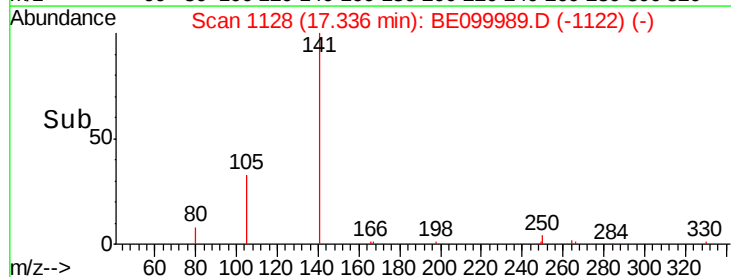
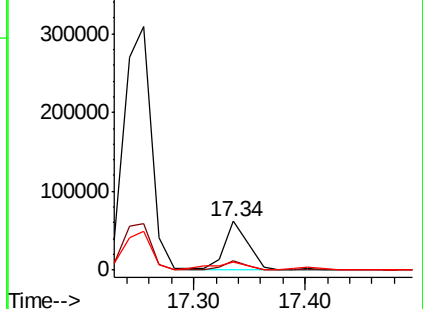
179 21.8 12.3 18.5#

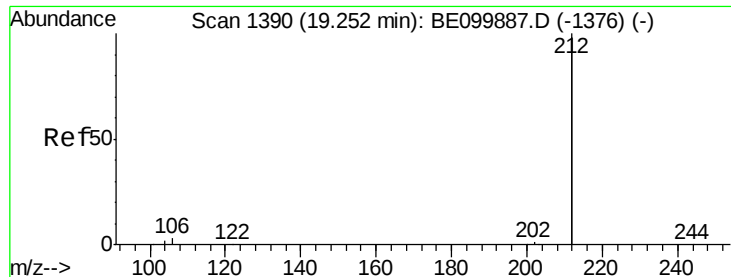


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.125 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

Instrument :

BNA_E

ClientSampleId :

DUP-6-2019

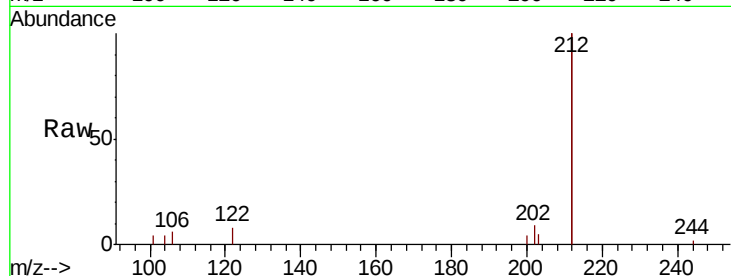
Tgt Ion:212 Resp: 15192

Ion Ratio Lower Upper

212 100

106 3.2 1.4 2.2#

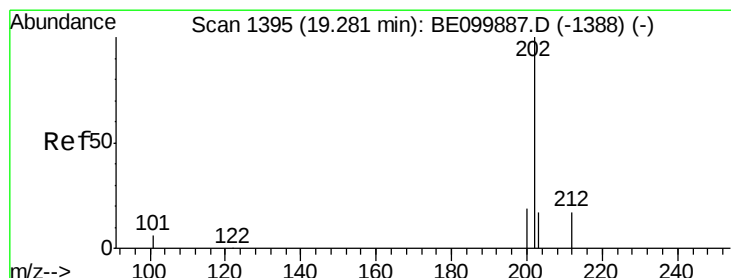
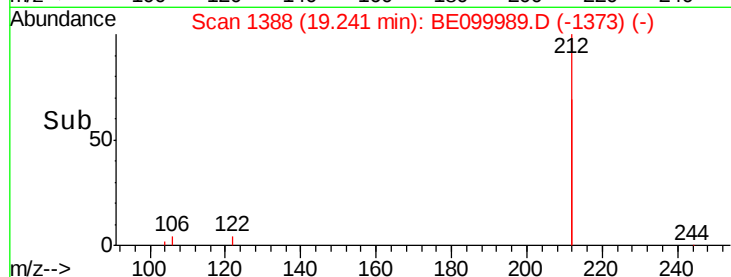
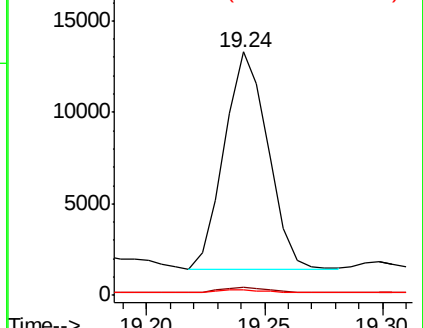
104 2.1 0.9 1.3#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 9.389 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

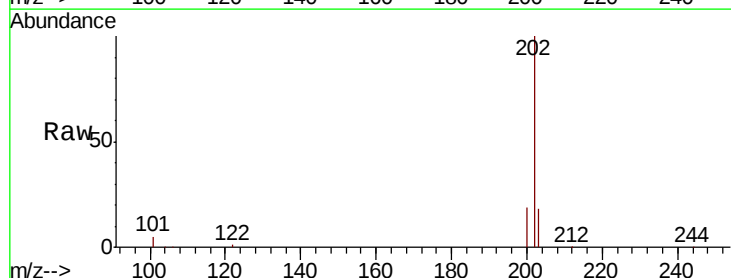
Tgt Ion:202 Resp: 323121

Ion Ratio Lower Upper

202 100

101 6.0 5.4 8.0

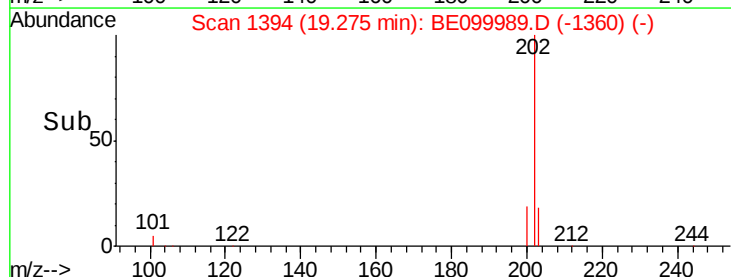
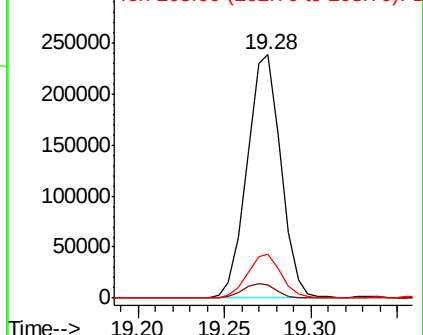
203 17.6 13.2 19.8

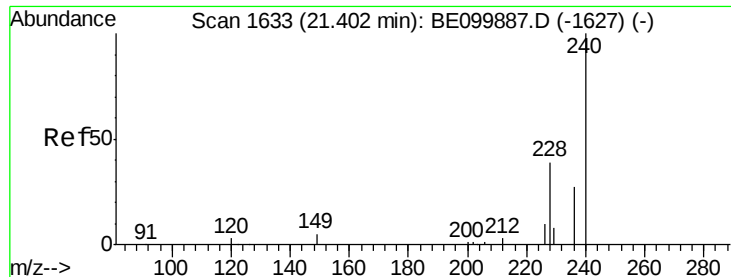


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

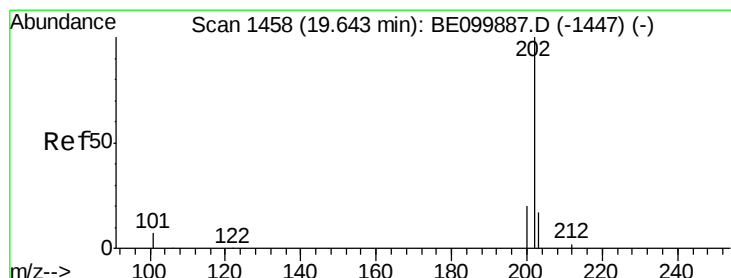
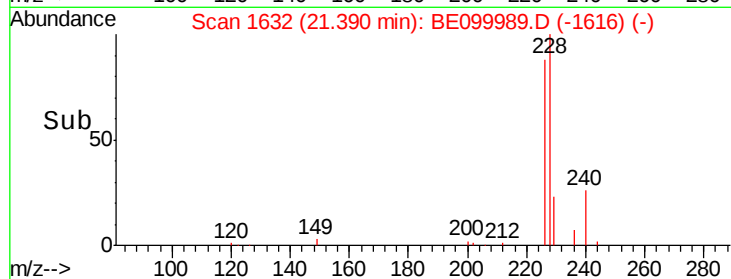
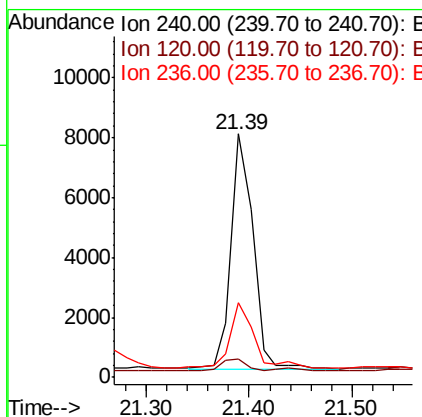
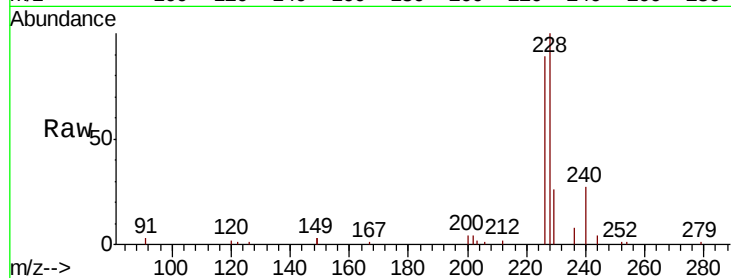




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE099989.D
 Acq: 13 Jun 2019 14:44

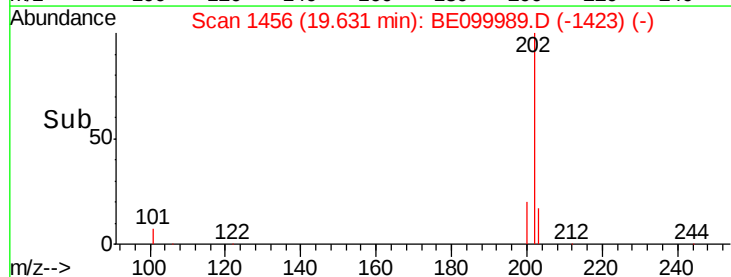
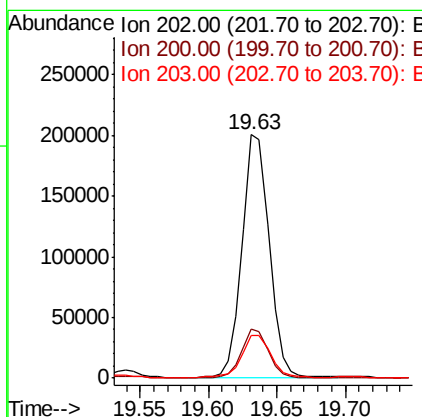
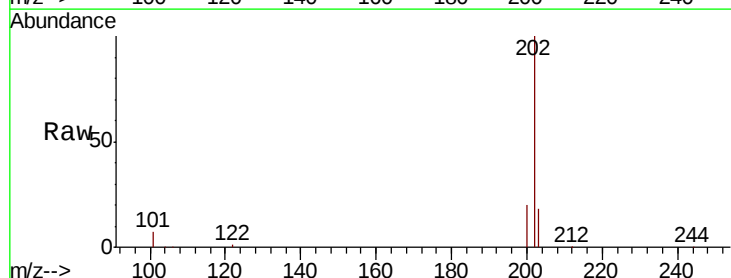
Instrument :
 BNA_E
 ClientSampleId :
 DUP-6-2019

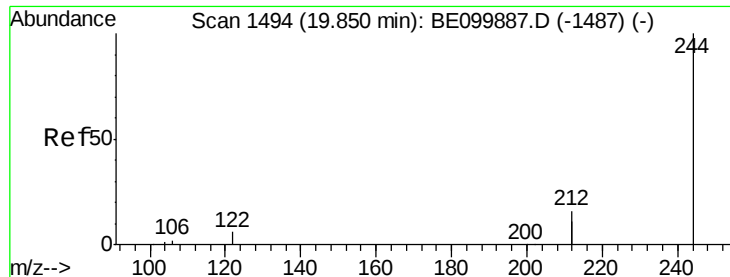
Tgt Ion: 240 Resp: 11523
 Ion Ratio Lower Upper
 240 100
 120 7.6 3.8 5.6#
 236 30.6 22.0 33.0



#28
 Pyrene
 Concen: 9.061 ng
 RT: 19.63 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BE099989.D
 Acq: 13 Jun 2019 14:44

Tgt Ion: 202 Resp: 274310
 Ion Ratio Lower Upper
 202 100
 200 19.8 15.5 23.3
 203 18.7 14.0 21.0





#29

Terphenyl-d14

Concen: 0.292 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

Instrument :

BNA_E

ClientSampleId :

DUP-6-2019

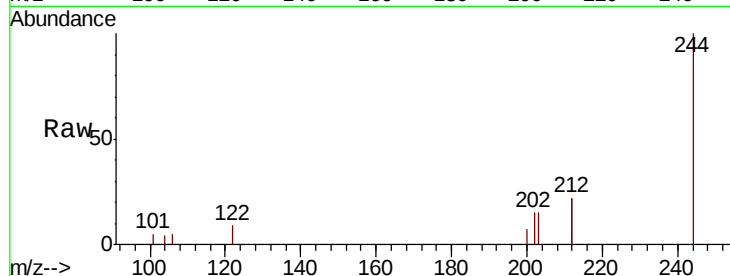
Tgt Ion:244 Resp: 6049

Ion Ratio Lower Upper

244 100

212 44.1 25.7 38.5#

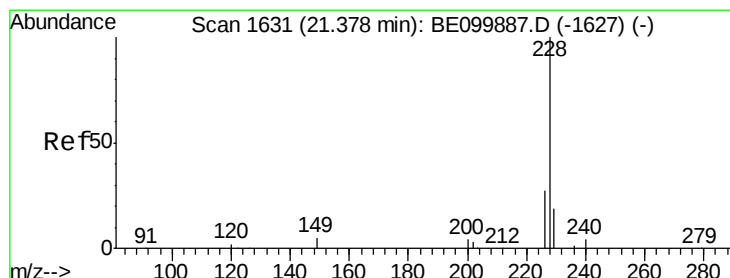
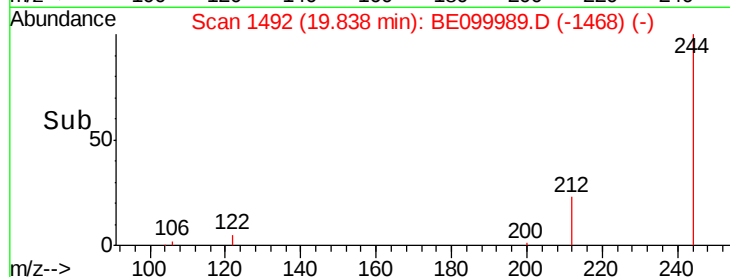
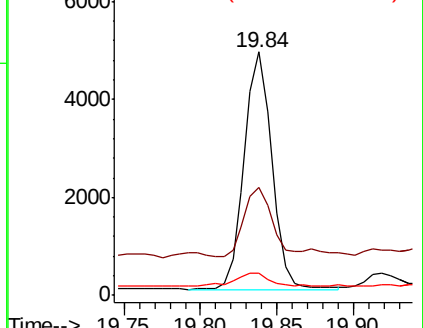
122 8.9 5.5 8.3#



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: 4.676 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

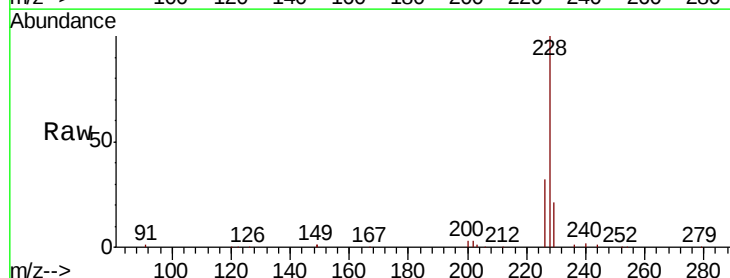
Tgt Ion:228 Resp: 161026

Ion Ratio Lower Upper

228 100

226 32.4 22.5 33.7

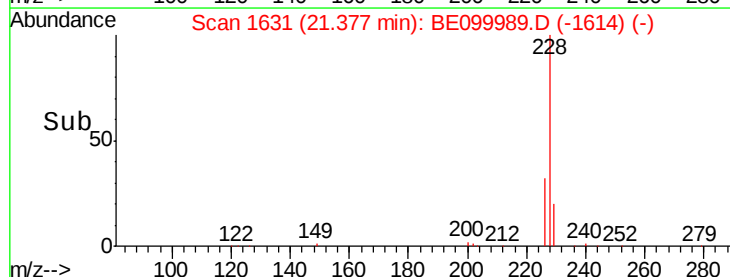
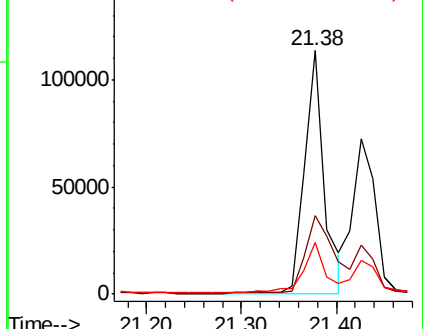
229 21.0 15.9 23.9

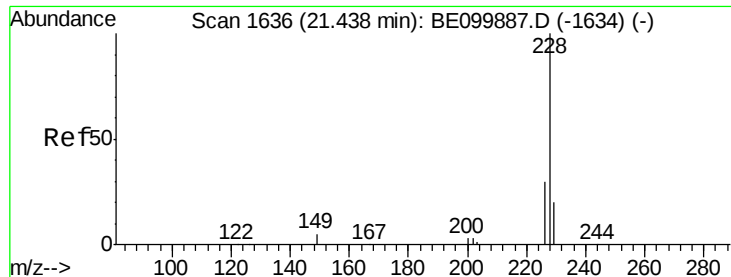


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.331 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

Instrument :

BNA_E

ClientSampleId :

DUP-6-2019

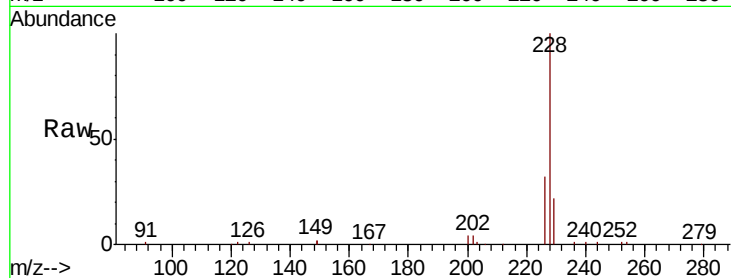
Tgt Ion: 228 Resp: 118584

Ion Ratio Lower Upper

228 100

226 32.0 24.1 36.1

229 22.1 16.1 24.1

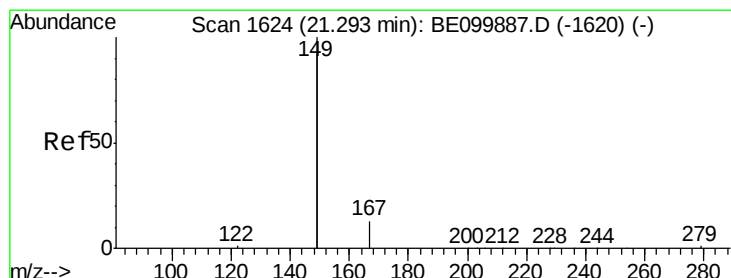
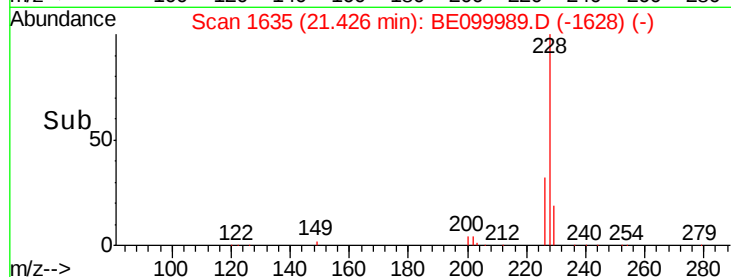
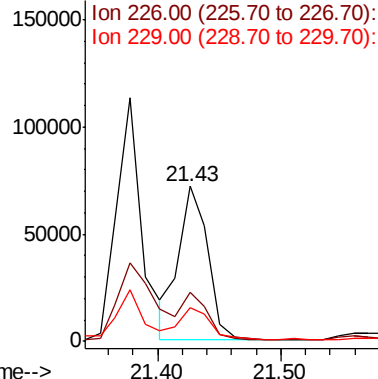


Abundance

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: 0.108 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

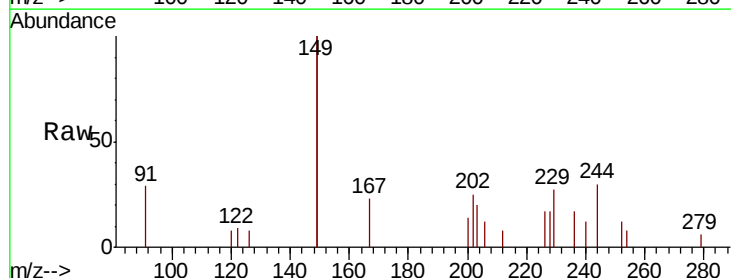
Tgt Ion: 149 Resp: 5340

Ion Ratio Lower Upper

149 100

167 8.0 5.9 8.9

279 1.9 1.2 1.8#

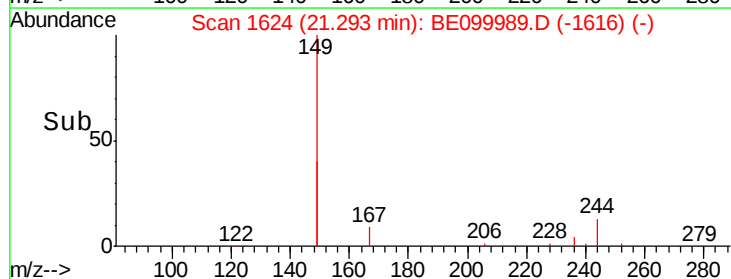
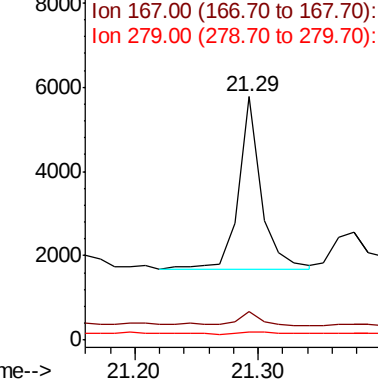


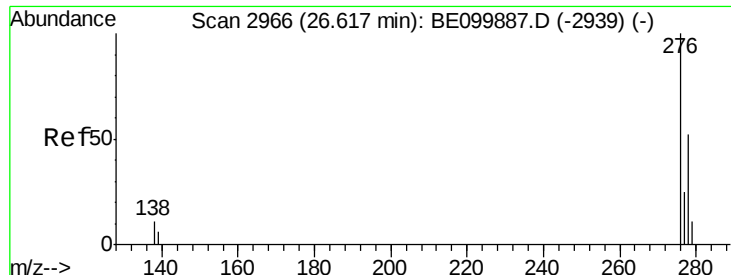
Abundance

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: 3.005 ng

RT: 26.60 min Scan# 2960

Delta R.T. -0.02 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

Instrument :

BNA_E

ClientSampleId :

DUP-6-2019

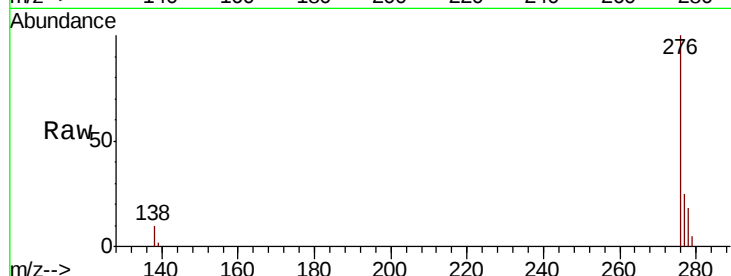
Tgt Ion:276 Resp: 126911

Ion Ratio Lower Upper

276 100

138 10.0 10.1 15.1#

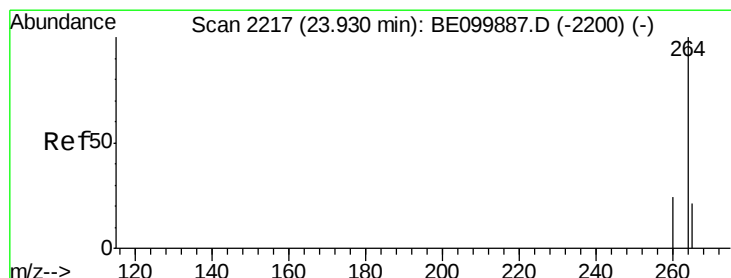
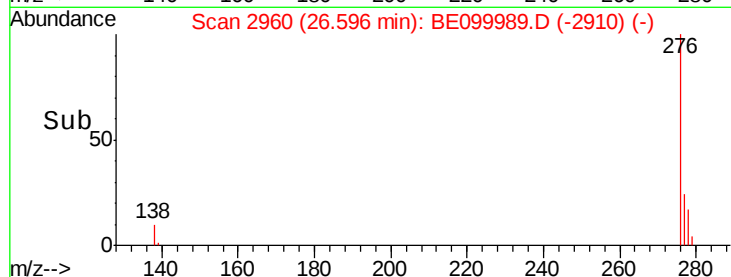
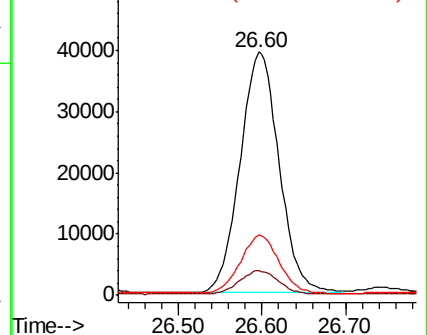
277 24.4 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

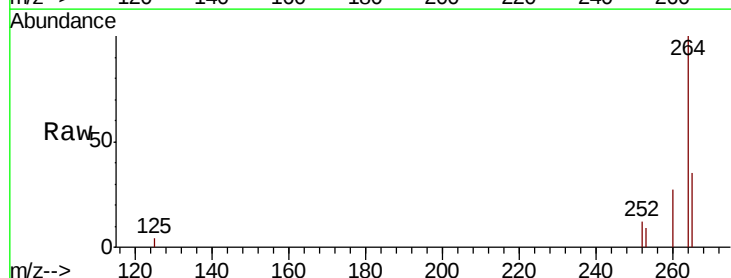
Tgt Ion:264 Resp: 13587

Ion Ratio Lower Upper

264 100

260 27.1 20.2 30.2

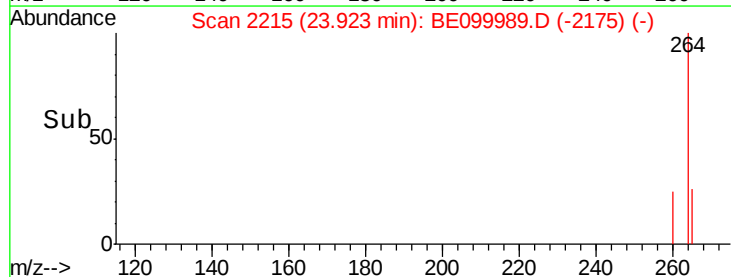
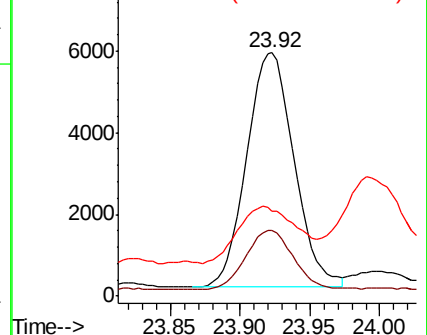
265 35.1 22.0 33.0#

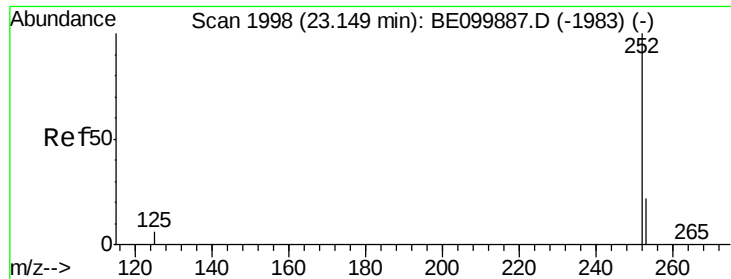


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 5.104 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

Instrument :

BNA_E

ClientSampleId :

DUP-6-2019

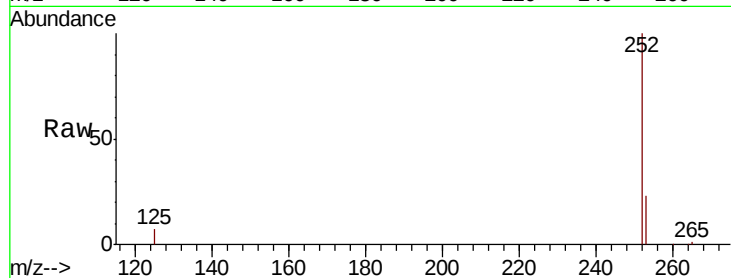
Tgt Ion:252 Resp: 194324

Ion Ratio Lower Upper

252 100

253 22.8 18.7 28.1

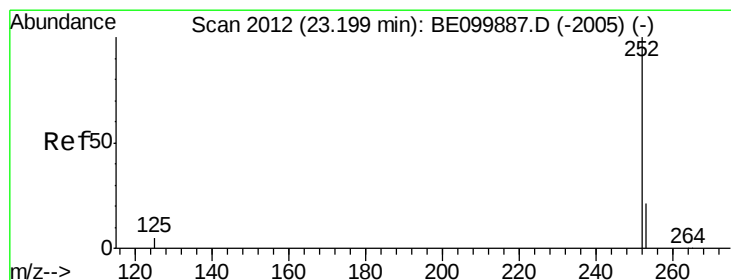
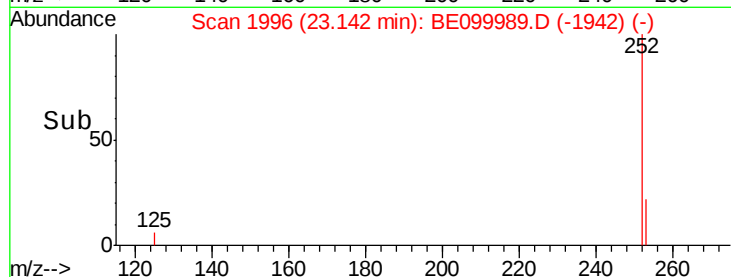
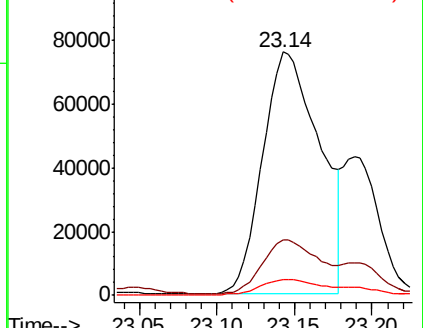
125 6.6 5.7 8.5



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: 4.879 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.06 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

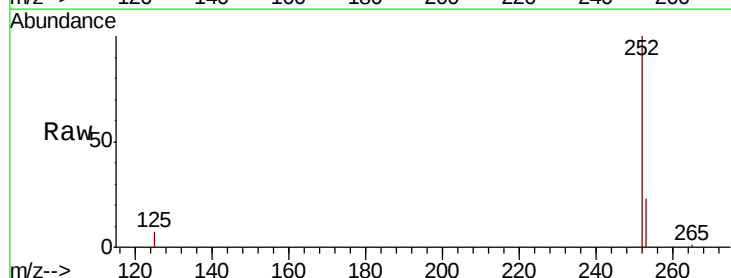
Tgt Ion:252 Resp: 194324

Ion Ratio Lower Upper

252 100

253 22.8 18.6 28.0

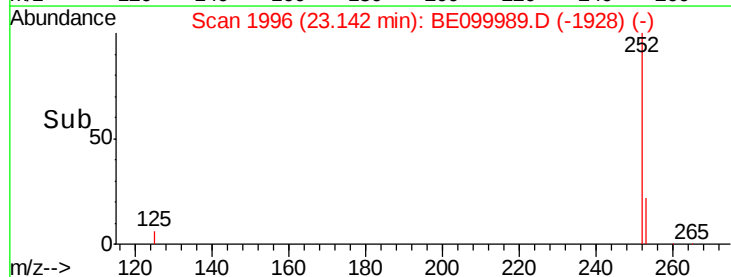
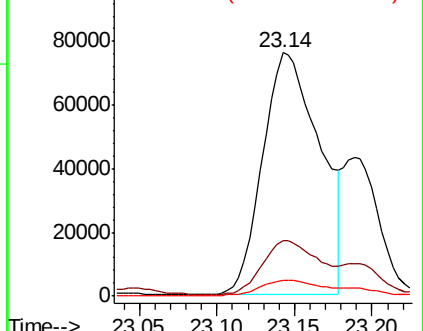
125 6.6 5.4 8.0

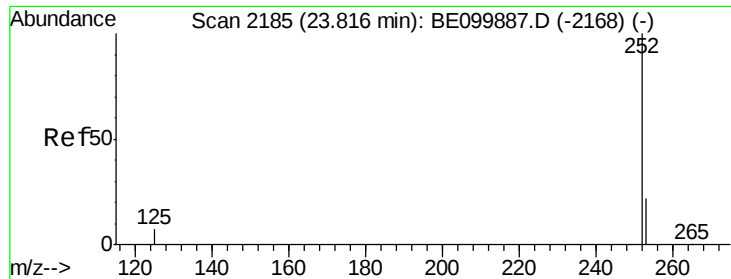


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 2.690 ng

RT: 23.69 min Scan# 2151

Delta R.T. -0.12 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

Instrument :

BNA_E

ClientSampleId :

DUP-6-2019

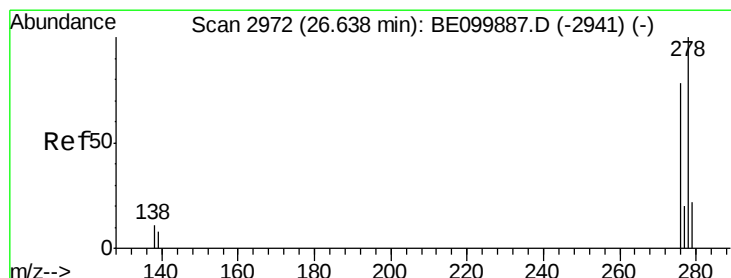
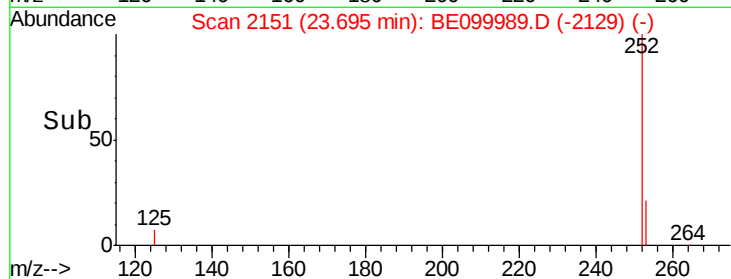
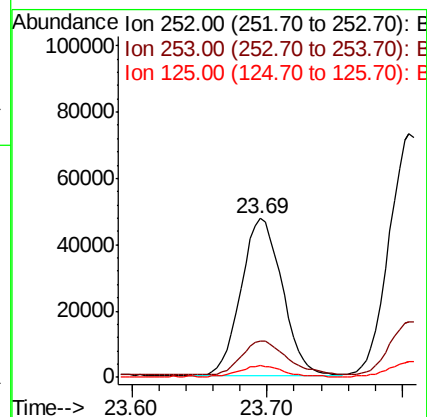
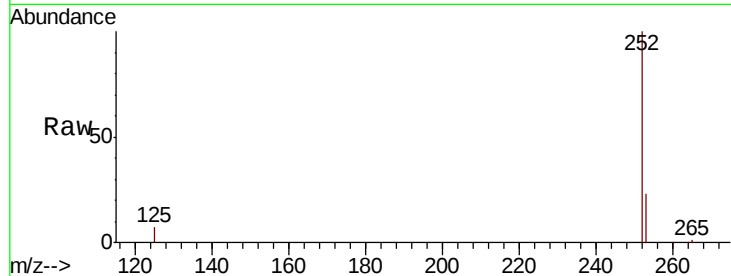
Tgt Ion:252 Resp: 100890

Ion Ratio Lower Upper

252 100

253 22.6 19.6 29.4

125 7.2 6.6 10.0



#38

Dibenzo(a,h)anthracene

Concen: 0.816 ng

RT: 26.61 min Scan# 2964

Delta R.T. -0.03 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

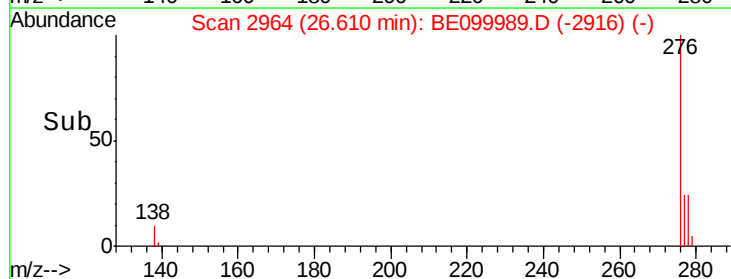
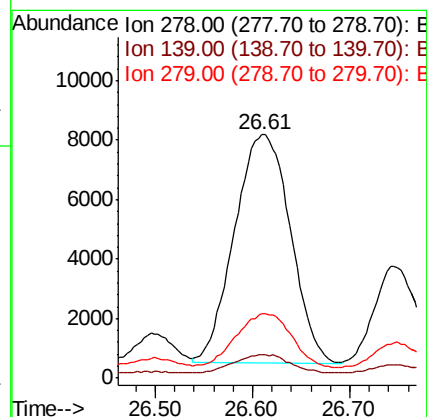
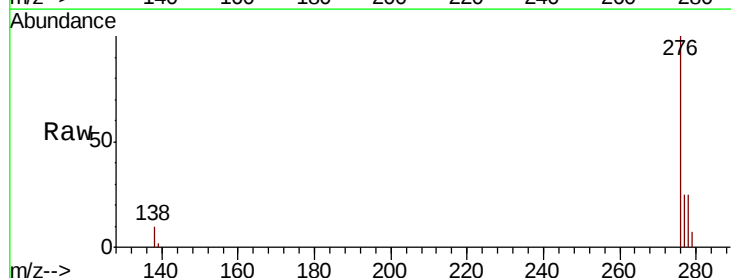
Tgt Ion:278 Resp: 30830

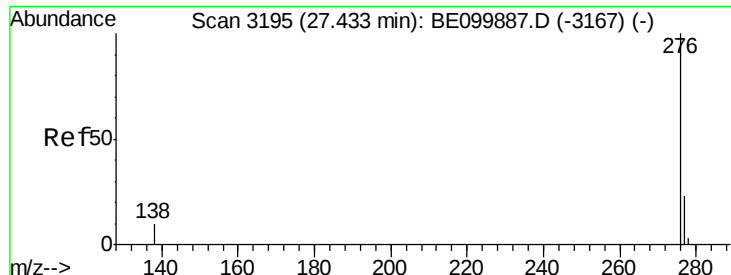
Ion Ratio Lower Upper

278 100

139 9.7 7.8 11.8

279 26.4 20.0 30.0





#39

Benzo(g,h,i)perylene

Concen: 3.806 ng

RT: 27.43 min Scan# 3194

Delta R.T. -0.00 min

Lab File: BE099989.D

Acq: 13 Jun 2019 14:44

Instrument :

BNA_E

ClientSampleId :

DUP-6-2019

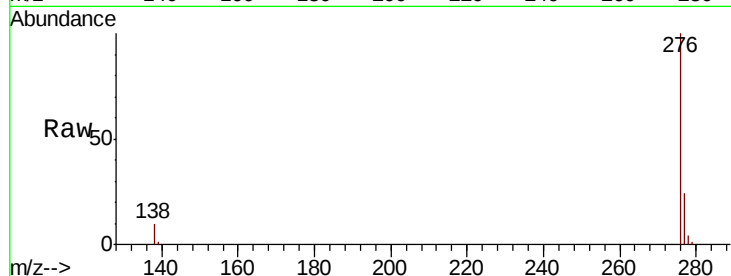
Tgt Ion: 276 Resp: 148530

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 10.2 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

