

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061019\
 Data File : BE099909.D
 Acq On : 11 Jun 2019 2:33
 Operator : JU/SJ
 Sample : K3257-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE120D1-20190606

Quant Time: Jun 11 06:01:17 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	7.80	152	889	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3039	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2276	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6426	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9574	0.40	ng	0.00
34) Perylene-d12	23.93	264	11260	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.37	112	338	0.14	ng	0.01
5) Phenol-d6	6.98	99	240	0.08	ng	0.01
8) Nitrobenzene-d5	8.98	82	1011	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1801	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	386	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3614	0.42	ng	-0.01
25) Fluoranthene-d10	19.25	212	35863	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	9539	0.55	ng	0.00

Target Compounds

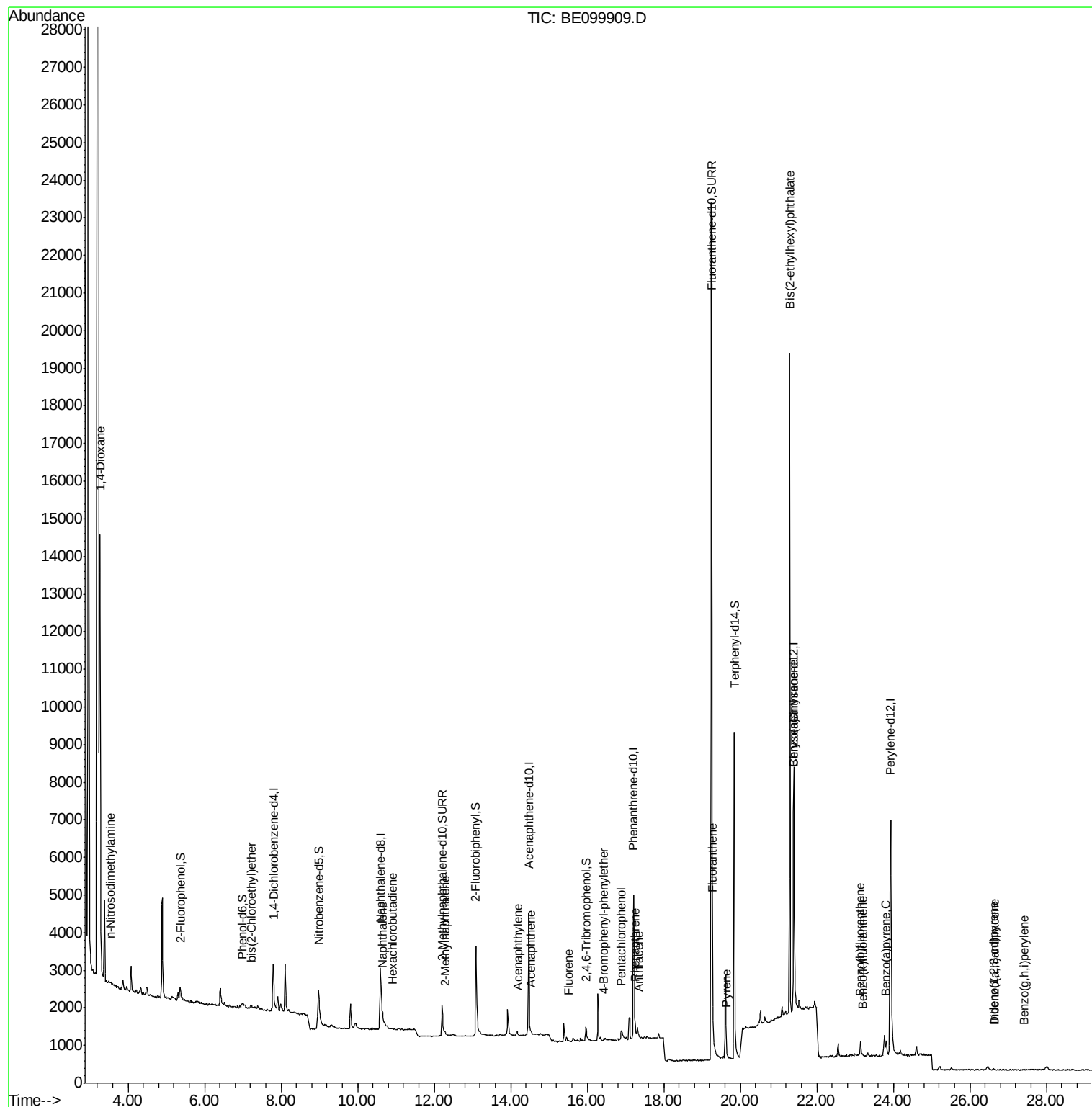
						Qvalue
2) 1,4-Dioxane	3.27	88	9845	7.482	ng	95
3) n-Nitrosodimethylamine	3.55	42	35	0.046	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	75	0.030	ng	# 59
9) Naphthalene	10.65	128	426	0.013	ng	# 69
10) Hexachlorobutadiene	10.93	225	5	0.002	ng	# 18
12) 2-Methylnaphthalene	12.28	142	60	0.011	ng	# 71
16) Acenaphthylene	14.20	152	15	0.001	ng	# 1
17) Acenaphthene	14.53	154	4	0.001	ng	# 1
18) Fluorene	15.51	166	24	0.003	ng	# 58
20) 4-Bromophenyl-phenylether	16.44	248	2	0.001	ng	# 63
22) Pentachlorophenol	16.89	266	369	0.506	ng	90
23) Phenanthrene	17.25	178	113	0.007	ng	# 85
24) Anthracene	17.35	178	9	0.001	ng	# 1
26) Fluoranthene	19.28	202	47	0.002	ng	# 88
28) Pyrene	19.65	202	32	0.001	ng	# 73
30) Benzo(a)anthracene	21.39	228	76	0.003	ng	# 1
31) Chrysene	21.39	228	70	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.29	149	17700	0.431	ng	100
33) Indeno(1,2,3-cd)pyrene	26.62	276	4	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.15	252	90	0.003	ng	# 1
36) Benzo(k)fluoranthene	23.19	252	4	0.000	ng	# 1
37) Benzo(a)pyrene	23.82	252	43	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.64	278	5	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.43	276	2	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: 7.80 min Scan# 428

Delta R.T. -0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190606

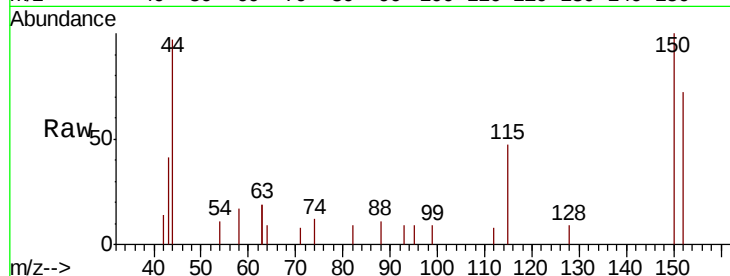
Tgt Ion:152 Resp: 889

Ion Ratio Lower Upper

152 100

150 138.3 111.0 166.6

115 64.5 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

800

600

400

200

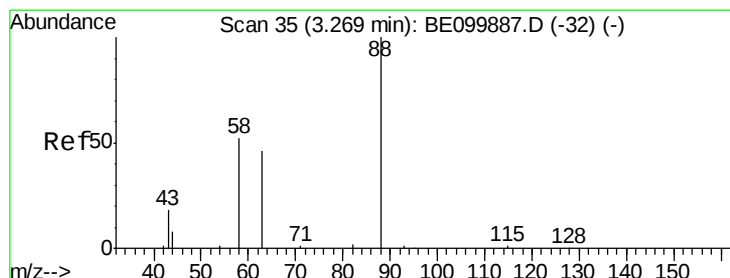
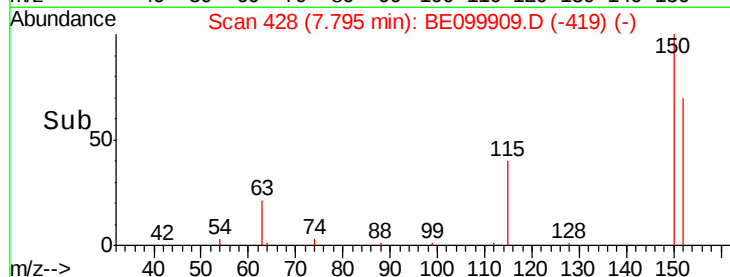
0

7.70

7.80

7.90

Time-->



#2

1,4-Dioxane

Concen: 7.482 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

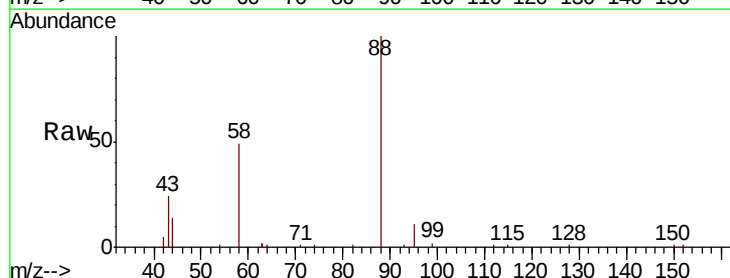
Tgt Ion: 88 Resp: 9845

Ion Ratio Lower Upper

88 100

58 55.9 48.8 73.2

43 23.7 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

8000

6000

4000

2000

0

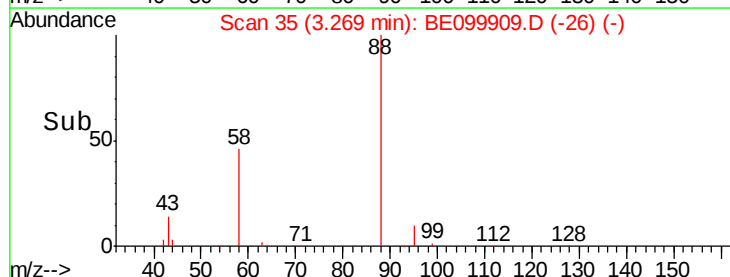
3.20

3.25

3.30

3.35

Time-->





#3

n-Nitrosodimethylamine

Concen: 0.046 ng

RT: 3.55 min Scan# 59

Delta R.T. -0.06 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190606

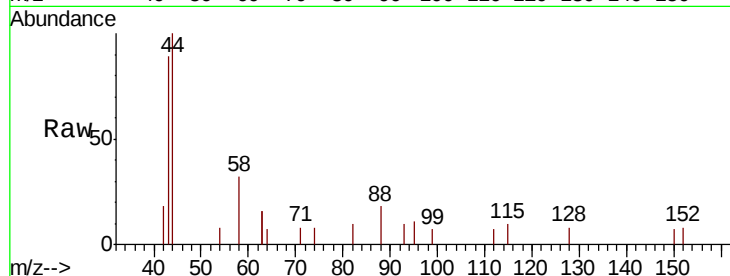
Tgt Ion: 42 Resp: 35

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

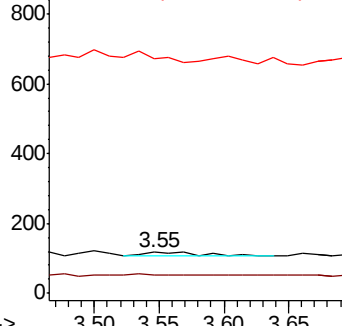
44 0.0 0.0 0.0



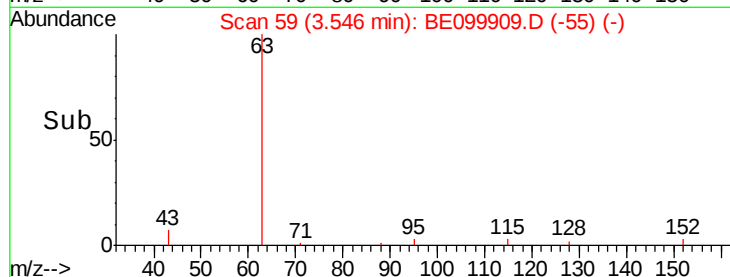
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.141 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

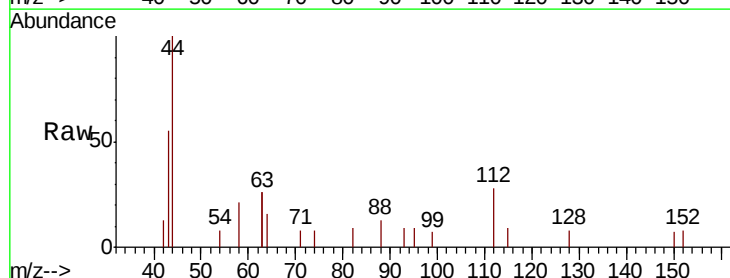
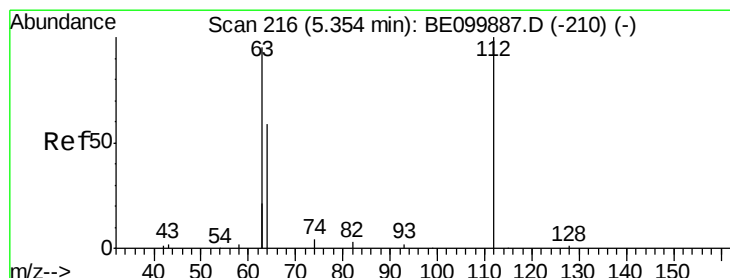
Tgt Ion: 112 Resp: 338

Ion Ratio Lower Upper

112 100

64 53.0 44.1 66.1

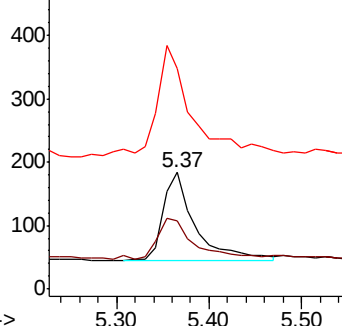
63 136.1 87.8 131.6#



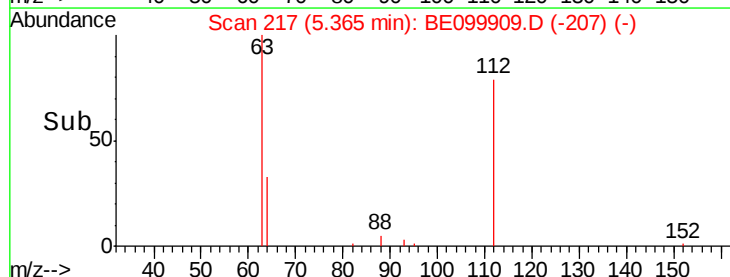
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.078 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190606

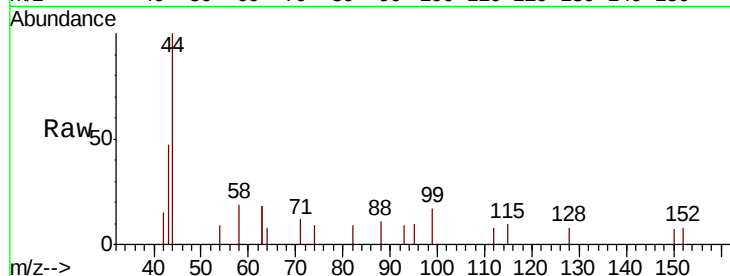
Tgt Ion: 99 Resp: 240

Ion Ratio Lower Upper

99 100

42 14.6 15.9 23.9#

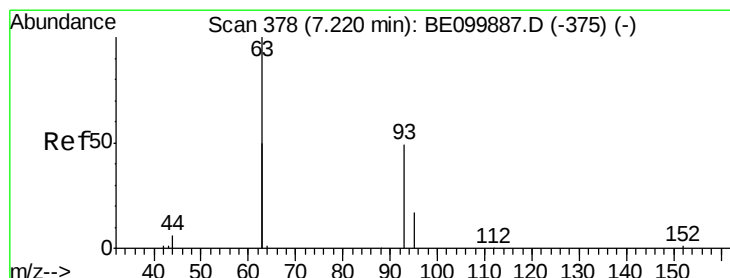
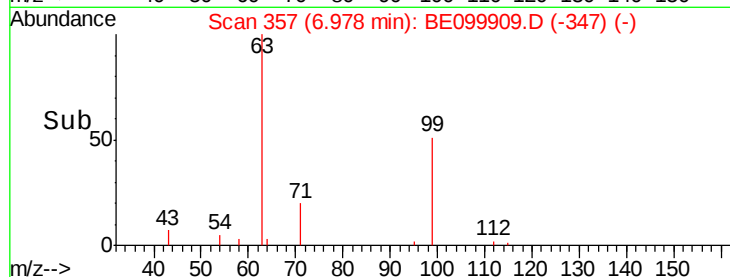
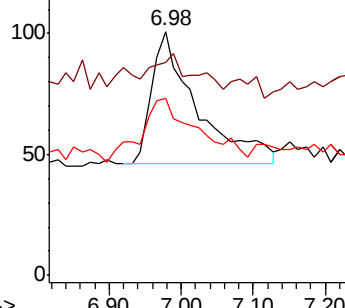
71 58.8 34.6 52.0#



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: 0.030 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

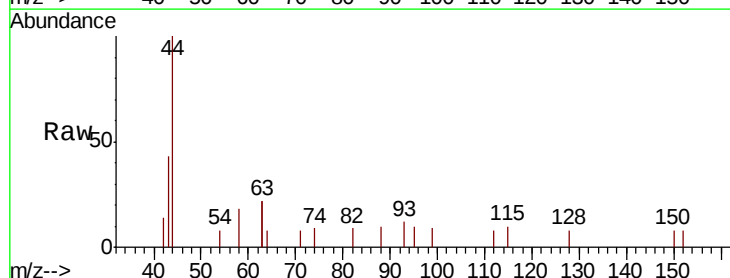
Tgt Ion: 93 Resp: 75

Ion Ratio Lower Upper

93 100

63 174.7 202.8 304.2#

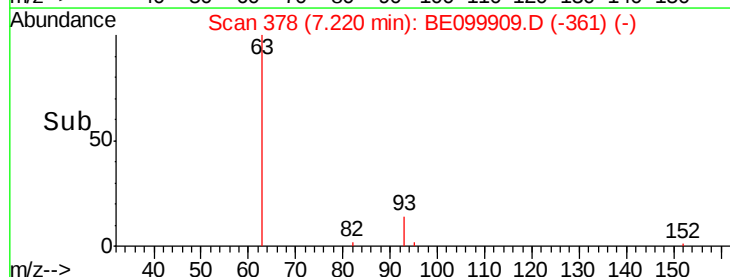
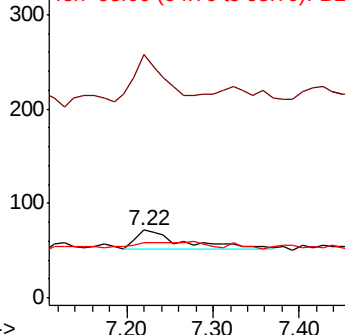
95 22.7 23.7 35.5#



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: BE099909.D

Acq: 11 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion: 136 Resp: 3039

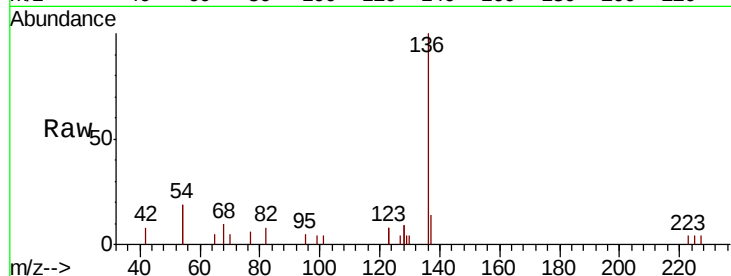
Ion Ratio Lower Upper

136 100

137 14.2 12.3 18.5

54 37.3 28.2 42.4

68 9.9 7.8 11.8

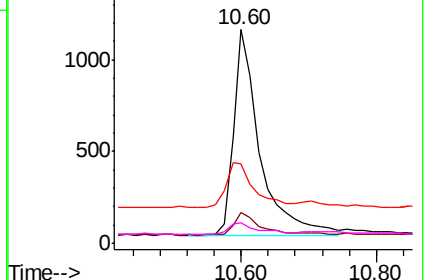
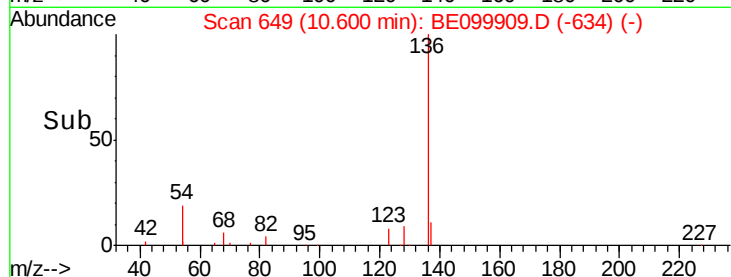


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.351 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

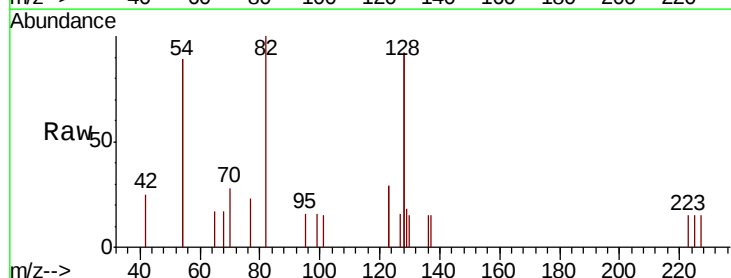
Tgt Ion: 82 Resp: 1011

Ion Ratio Lower Upper

82 100

128 183.9 137.3 205.9

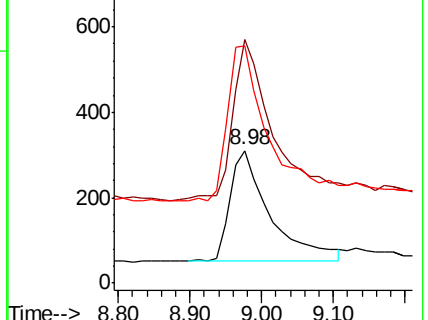
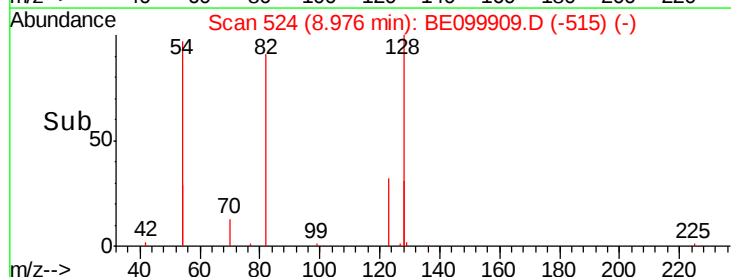
54 178.7 129.7 194.5

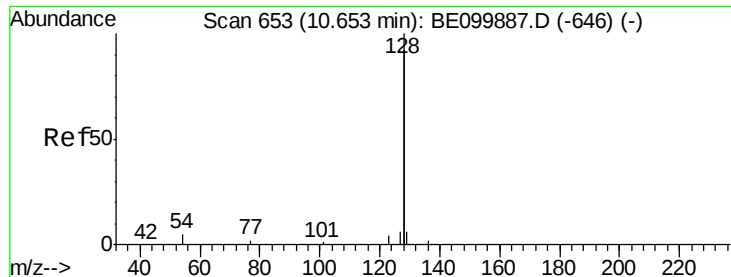


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

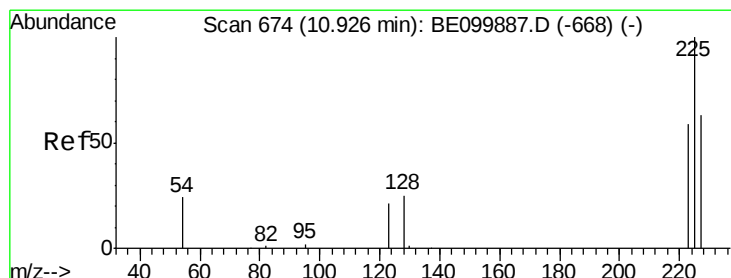
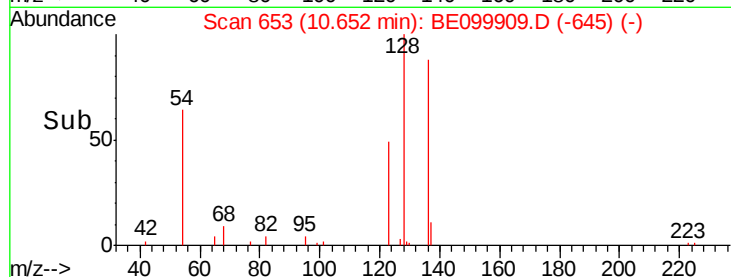
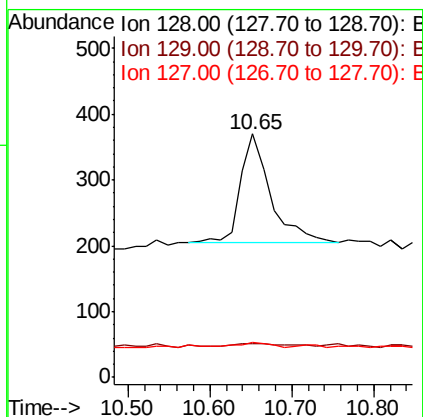
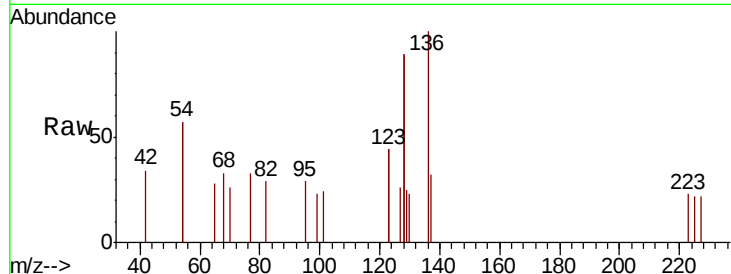




#9
Naphthalene
Concen: 0.013 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

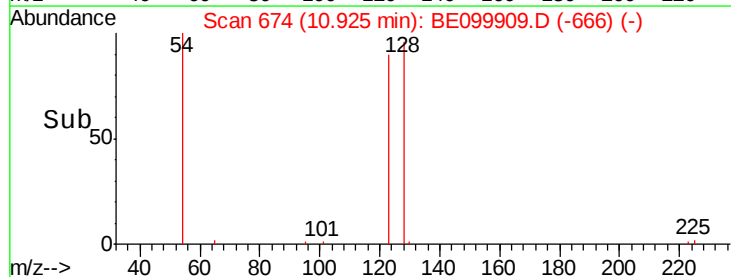
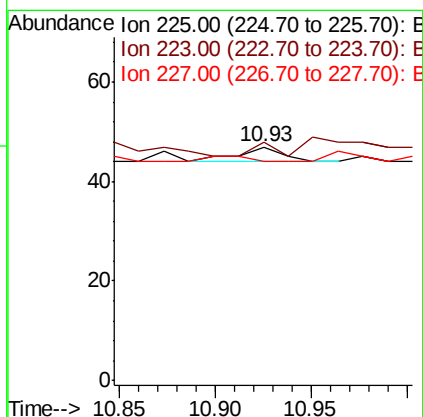
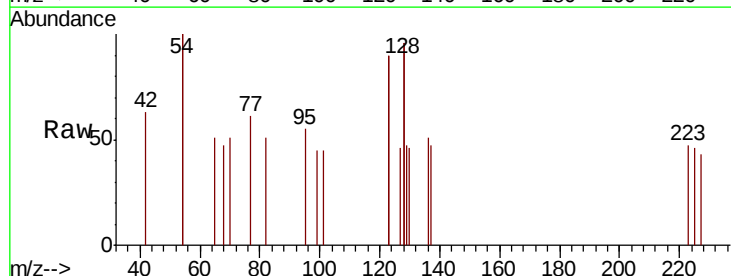
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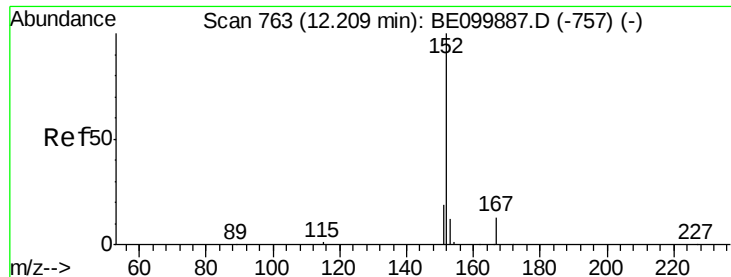
Tgt Ion:128 Resp: 426
Ion Ratio Lower Upper
128 100
129 13.8 3.0 4.6#
127 14.3 3.4 5.0#



#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion:225 Resp: 5
Ion Ratio Lower Upper
225 100
223 0.0 51.6 77.4#
227 0.0 50.6 76.0#

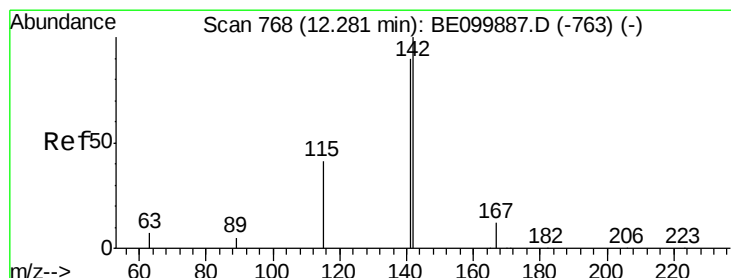
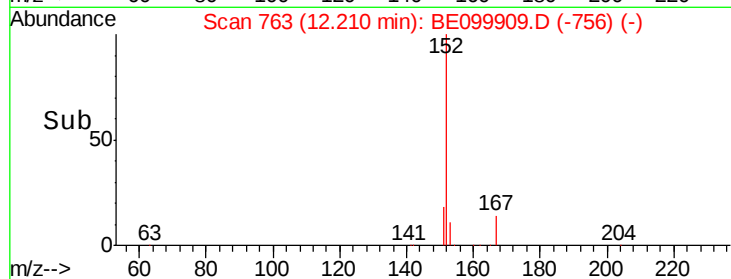
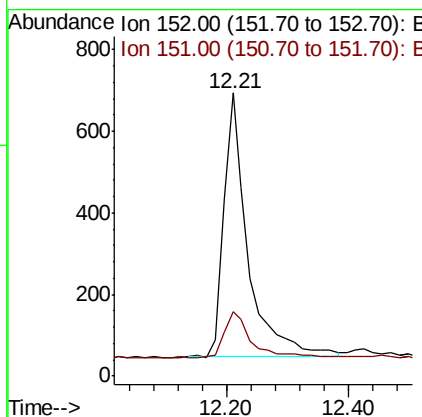
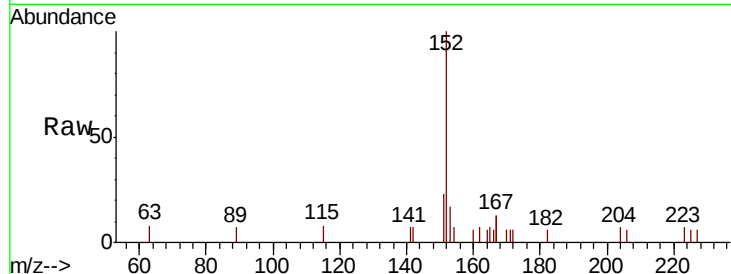




#11
 2-Methylnaphthalene-d10
 Concen: 0.340 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE099909.D
 Acq: 11 Jun 2019 2:33

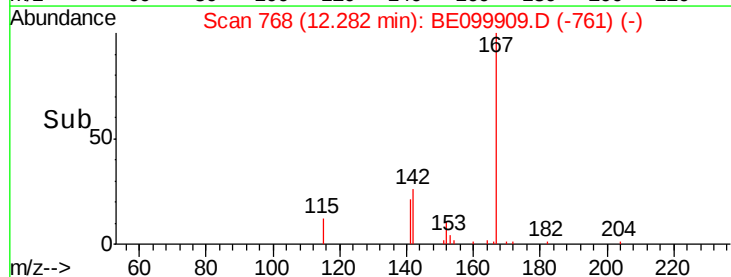
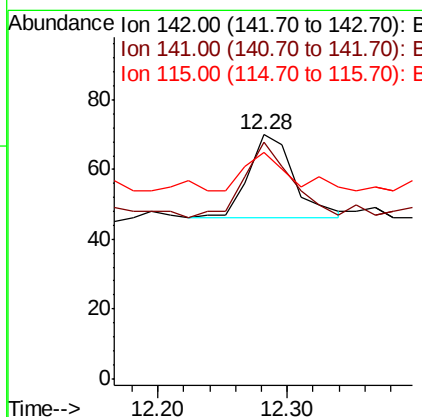
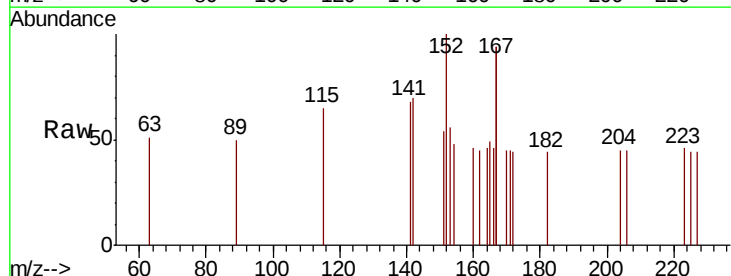
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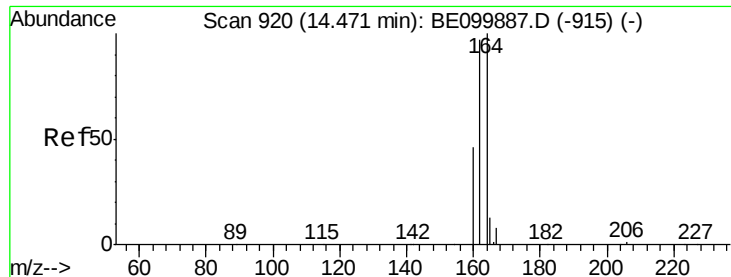
Tgt Ion:152 Resp: 1801
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.011 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE099909.D
 Acq: 11 Jun 2019 2:33

Tgt Ion:142 Resp: 60
 Ion Ratio Lower Upper
 142 100
 141 97.1 72.3 108.5
 115 92.9 36.4 54.6#

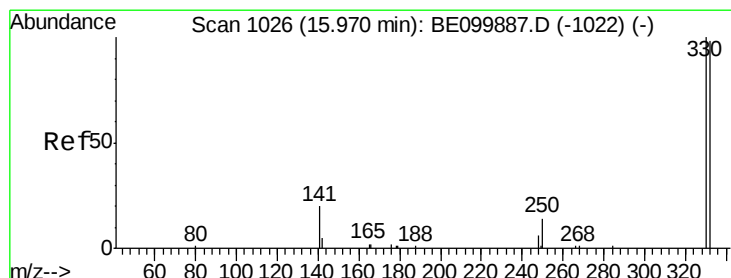
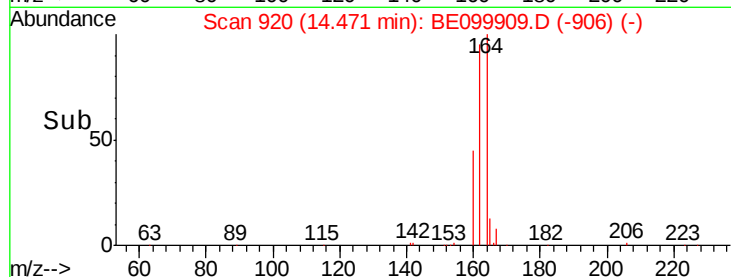
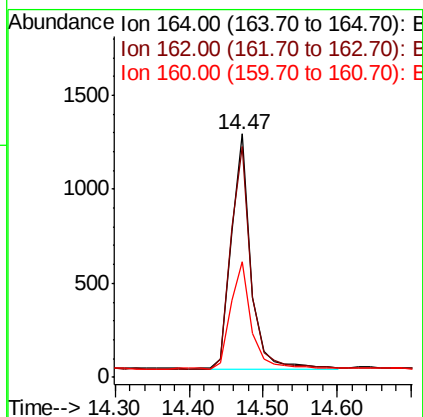
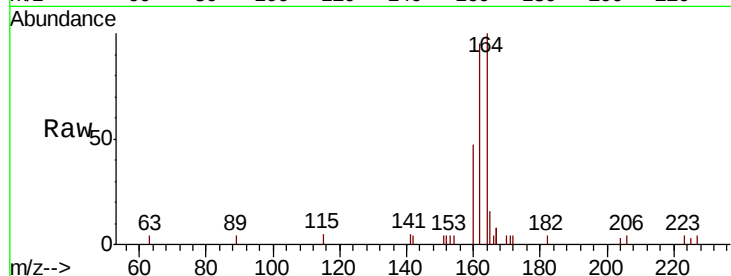




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE099909.D
 Acq: 11 Jun 2019 2:33

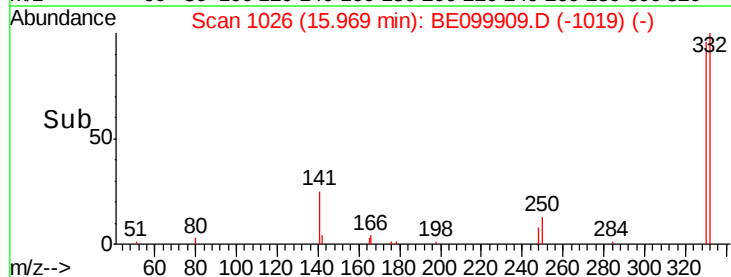
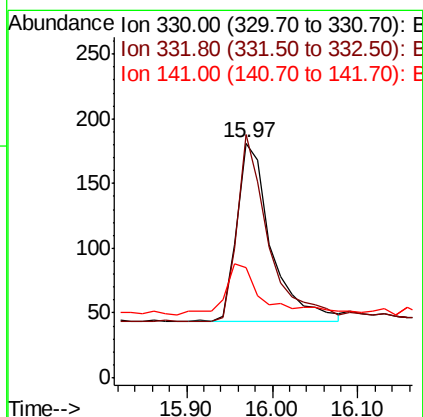
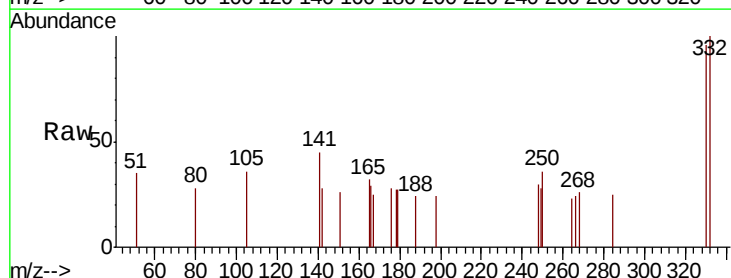
Instrument :
 BNA_E
 ClientSampleId :
 RE120D1-20190606

Tgt Ion:164 Resp: 2276
 Ion Ratio Lower Upper
 164 100
 162 95.1 77.8 116.8
 160 47.3 38.2 57.4



#14
 2,4,6-Tribromophenol
 Concen: 0.229 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099909.D
 Acq: 11 Jun 2019 2:33

Tgt Ion:330 Resp: 386
 Ion Ratio Lower Upper
 330 100
 332 105.2 76.7 115.1
 141 25.9 21.0 31.6

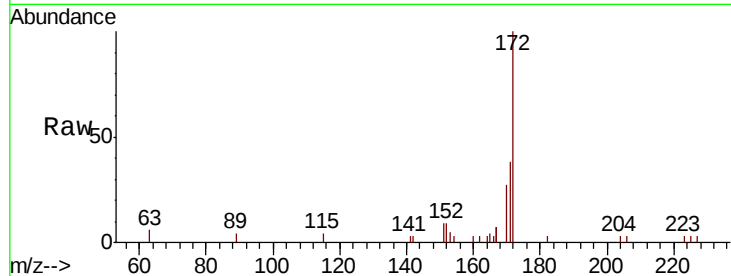




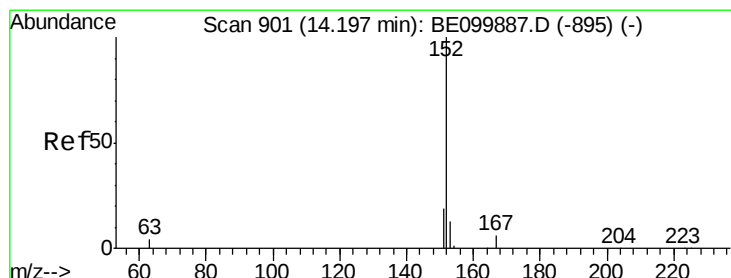
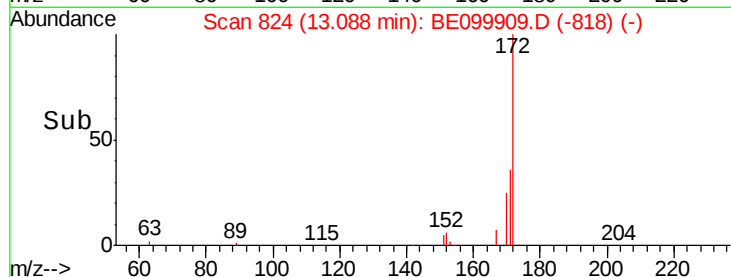
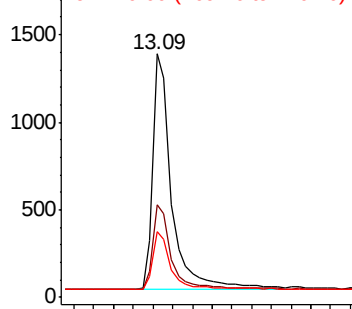
#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion:172 Resp: 3614
Ion Ratio Lower Upper
172 100
171 37.7 29.2 43.8
170 27.1 21.2 31.8

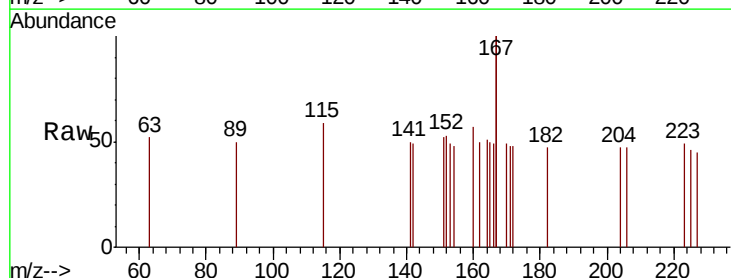


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

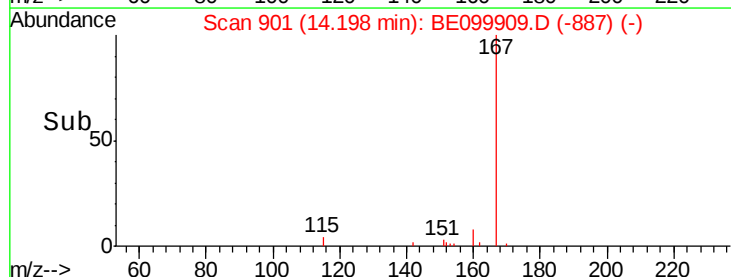
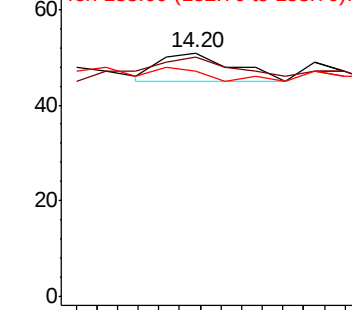


#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion:152 Resp: 15
Ion Ratio Lower Upper
152 100
151 106.7 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: 0.001 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190606

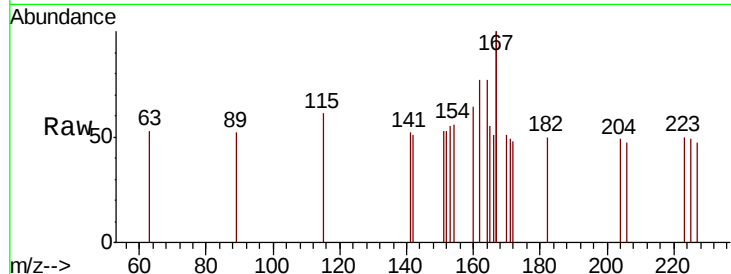
Tgt Ion:154 Resp: 4

Ion Ratio Lower Upper

154 100

153 300.0 93.1 139.7#

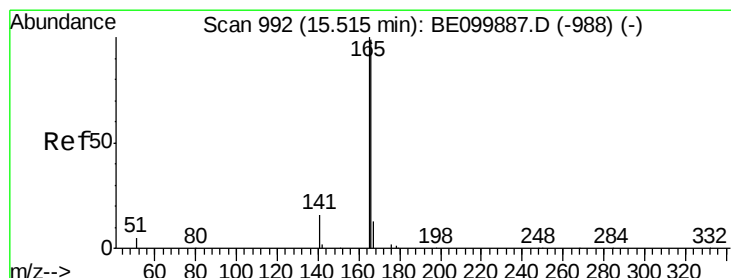
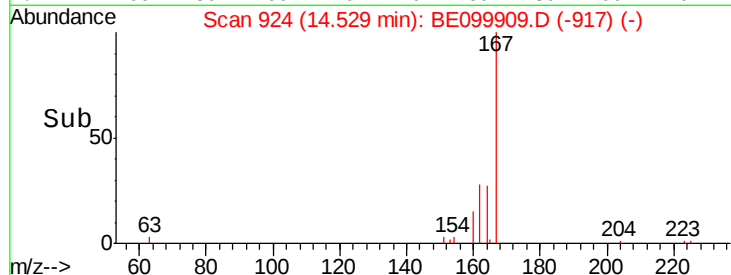
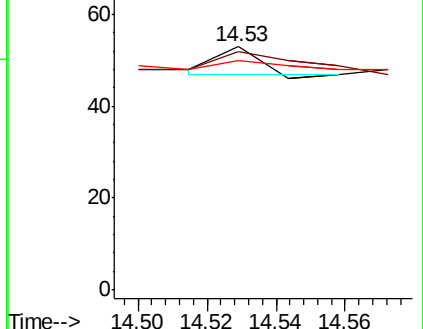
152 75.0 47.0 70.4#



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: 15.51 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

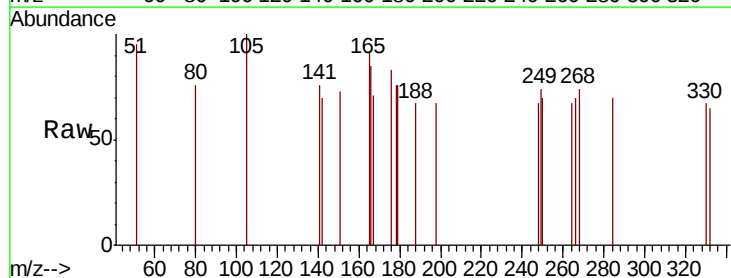
Tgt Ion:166 Resp: 24

Ion Ratio Lower Upper

166 100

165 145.8 81.8 122.8#

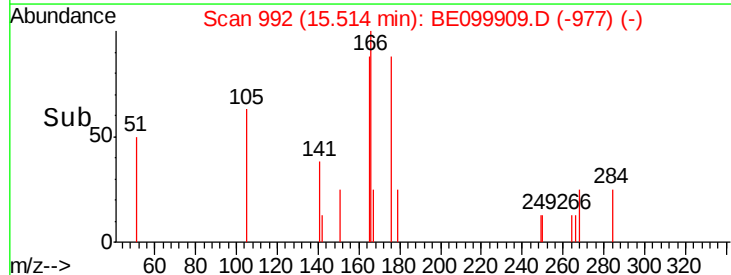
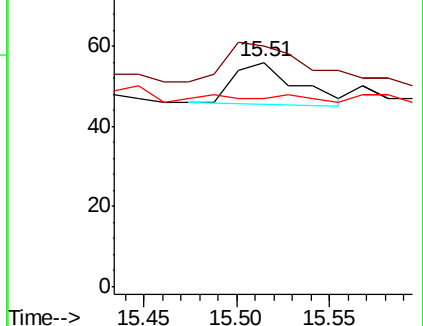
167 0.0 11.2 16.8#



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: BE099909.D

Acq: 11 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190606

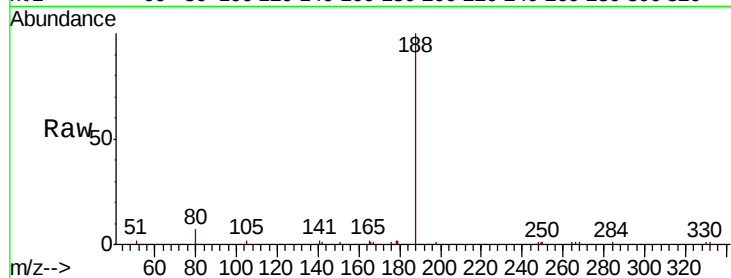
Tgt Ion:188 Resp: 6426

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

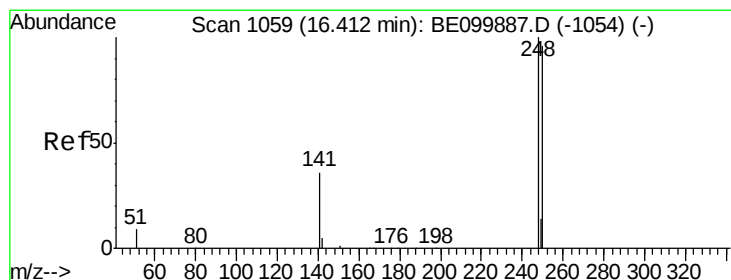
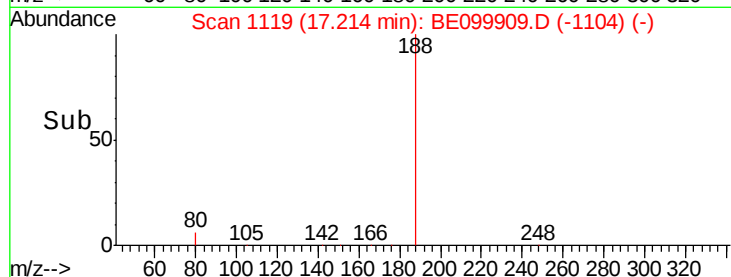
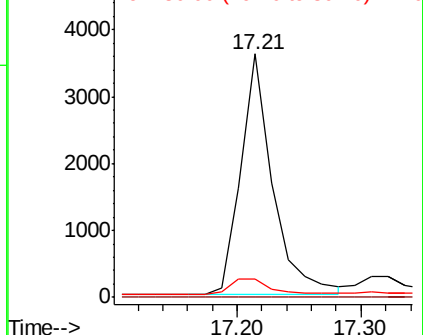
80 7.5 6.4 9.6



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: 16.44 min Scan# 1061

Delta R.T. 0.03 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

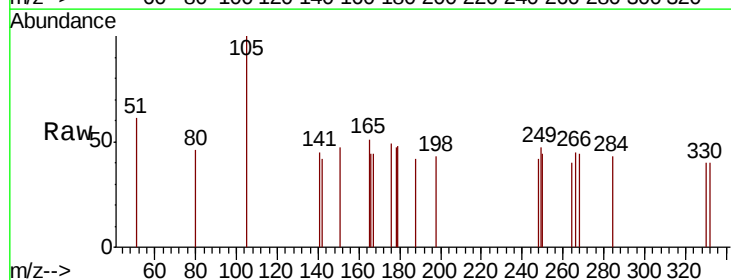
Tgt Ion:248 Resp: 2

Ion Ratio Lower Upper

248 100

250 104.3 77.5 116.3

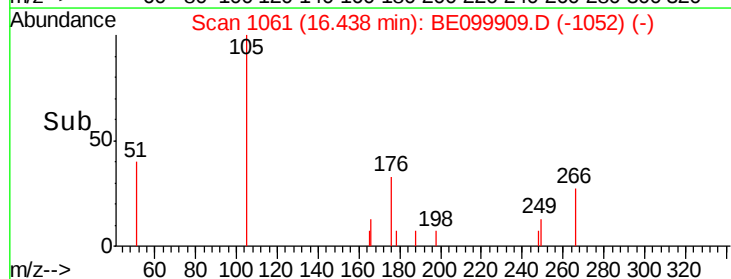
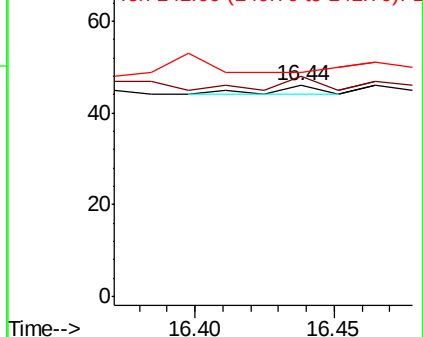
141 106.5 31.8 47.8#

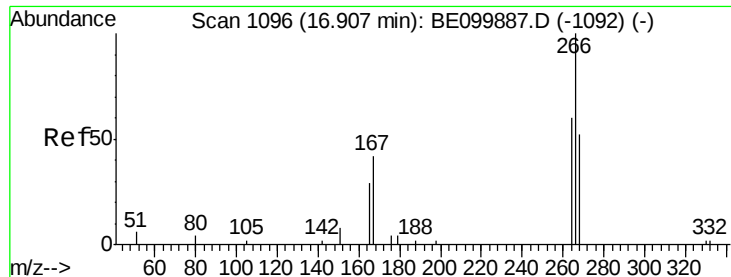


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#22

Pentachlorophenol

Concen: 0.506 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190606

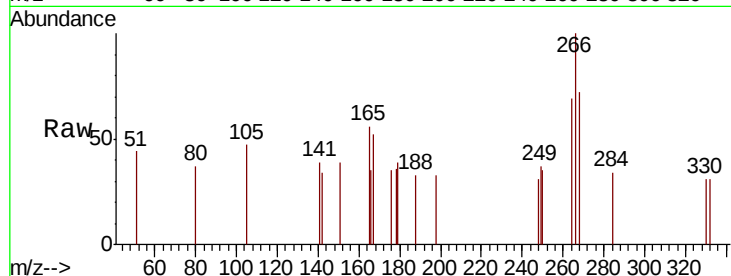
Tgt Ion:266 Resp: 369

Ion Ratio Lower Upper

266 100

264 69.3 62.2 93.2

268 72.1 65.5 98.3

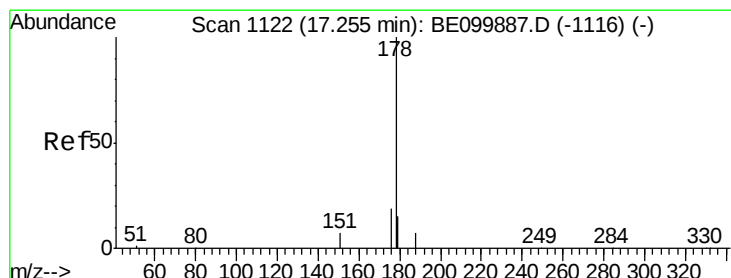
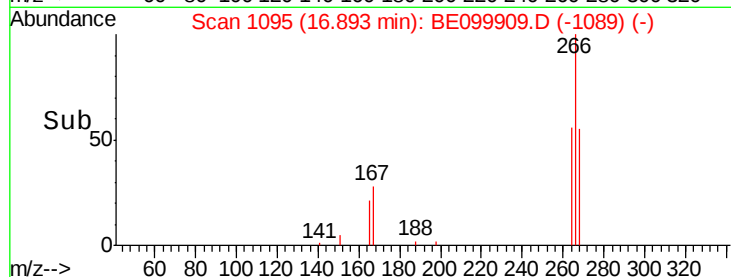
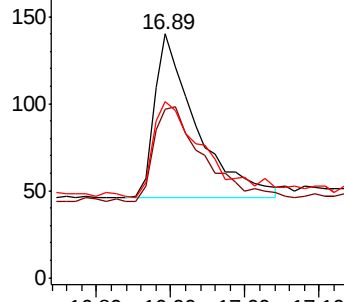


Abundance

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: 0.007 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

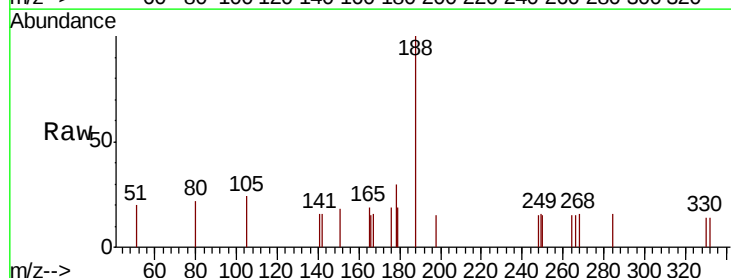
Tgt Ion:178 Resp: 113

Ion Ratio Lower Upper

178 100

176 23.9 15.8 23.8#

179 24.8 12.4 18.6#

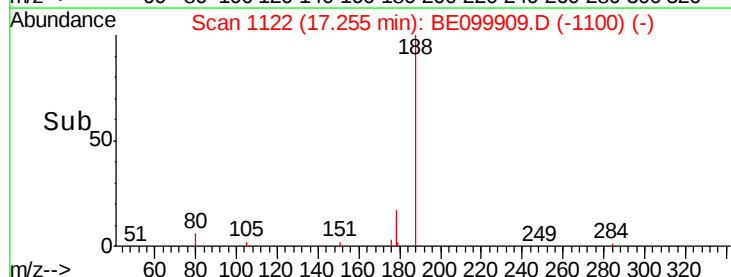
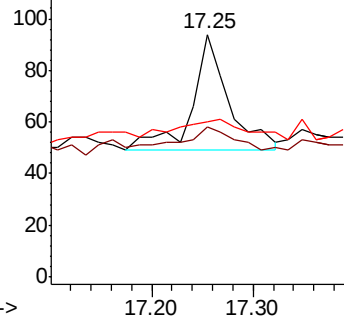


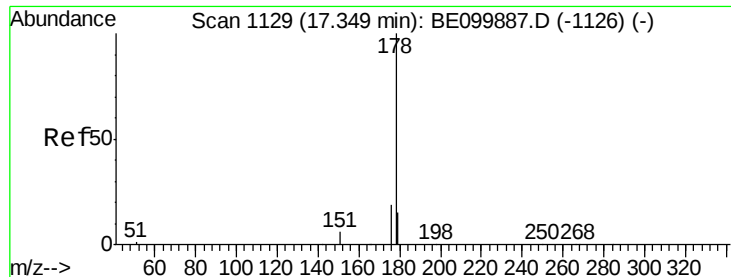
Abundance

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: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190606

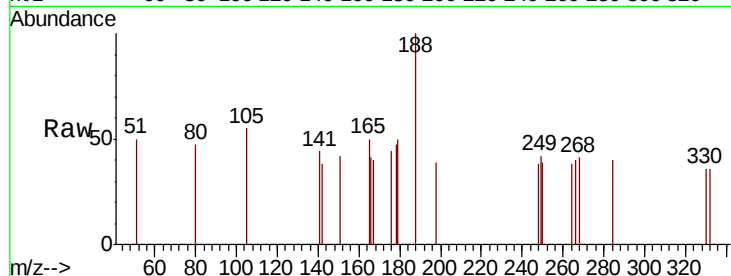
Tgt Ion:178 Resp: 9

Ion Ratio Lower Upper

178 100

176 77.8 14.6 22.0#

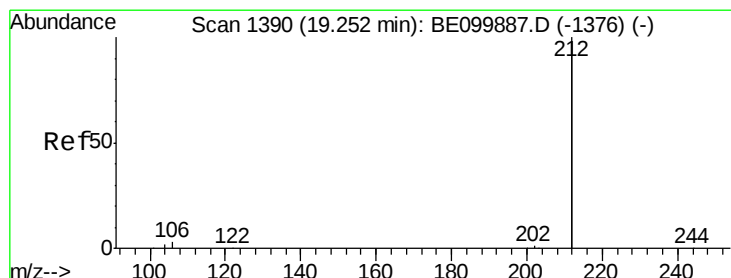
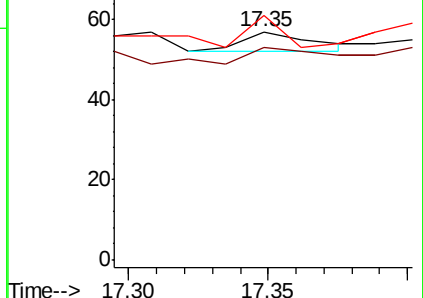
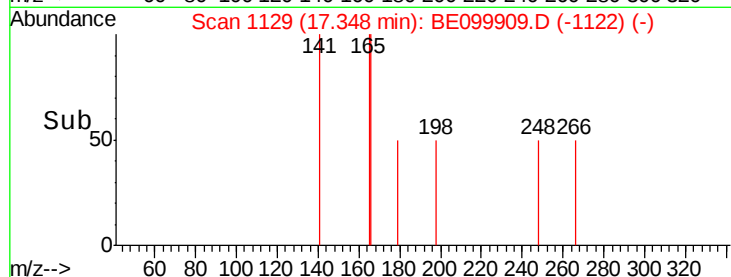
179 77.8 12.3 18.5#



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: 0.383 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

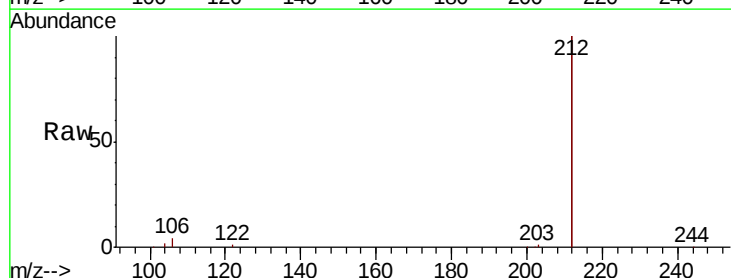
Tgt Ion:212 Resp: 35863

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

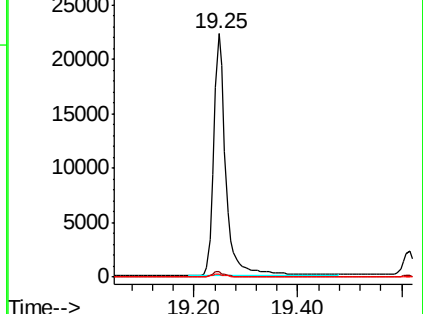
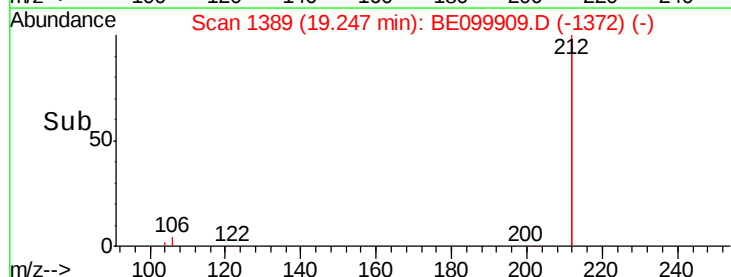
104 1.0 0.9 1.3

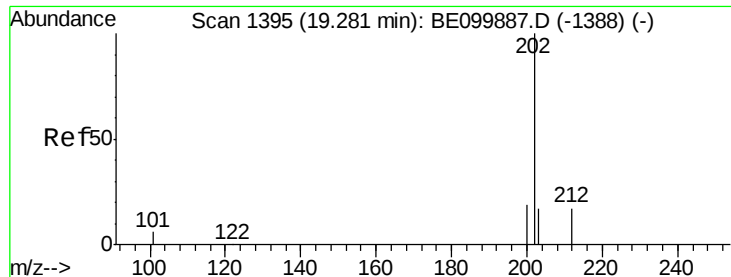


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

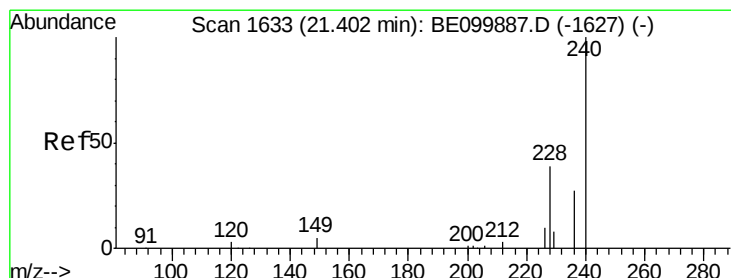
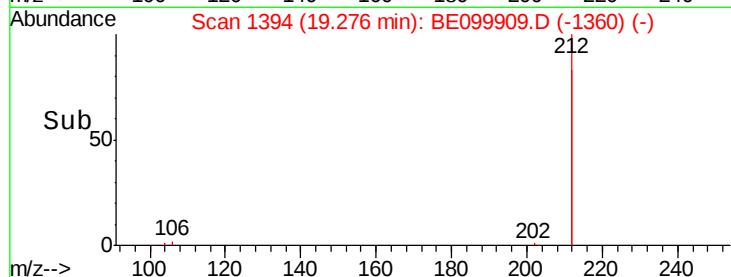
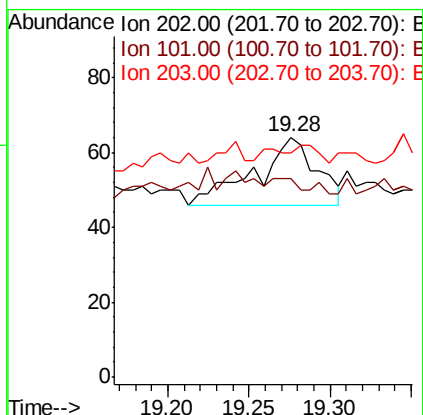
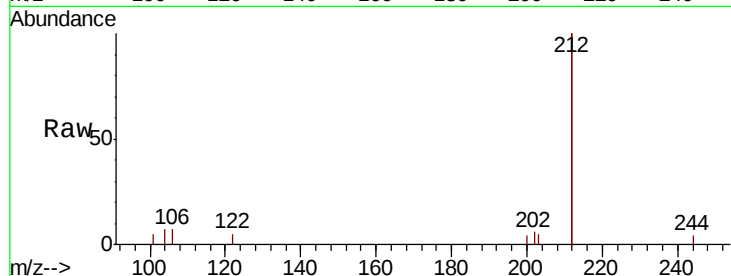




#26
Fluoranthene
Concen: 0.002 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

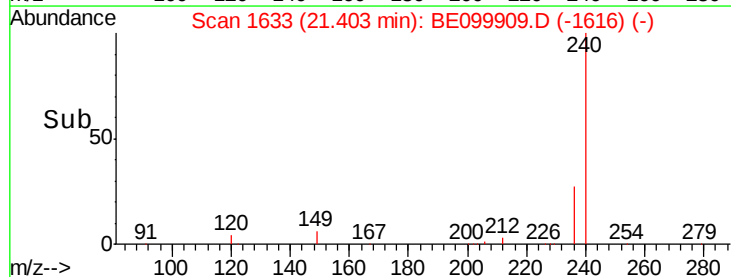
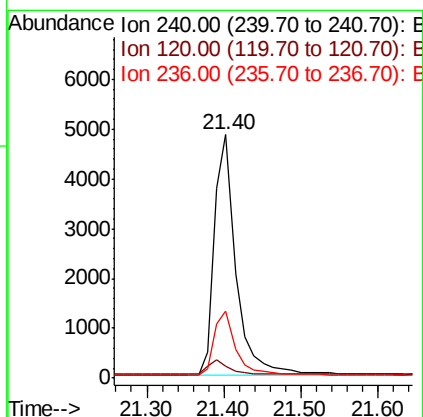
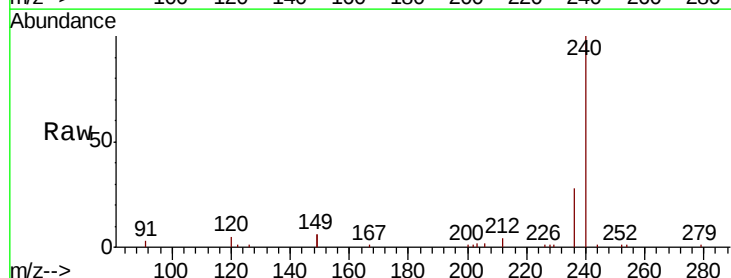
Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

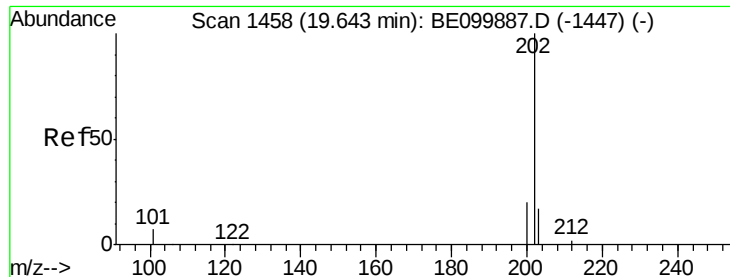
Tgt Ion: 202 Resp: 47
Ion Ratio Lower Upper
202 100
101 0.0 5.4 8.0#
203 12.8 13.2 19.8#



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion: 240 Resp: 9574
Ion Ratio Lower Upper
240 100
120 5.1 3.8 5.6
236 27.8 22.0 33.0





#28

Pyrene

Concen: 0.001 ng

RT: 19.65 min Scan# 1459

Delta R.T. 0.01 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190606

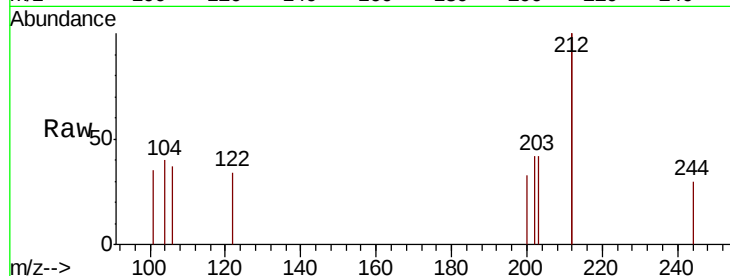
Tgt Ion: 202 Resp: 32

Ion Ratio Lower Upper

202 100

200 0.0 15.5 23.3#

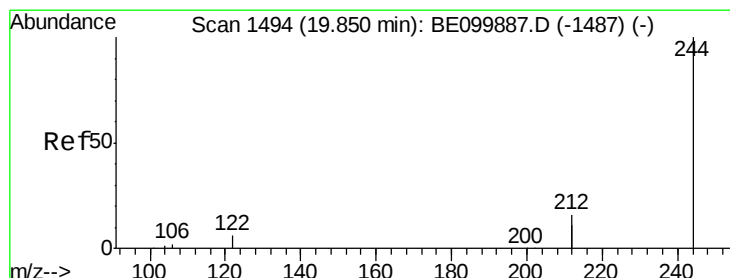
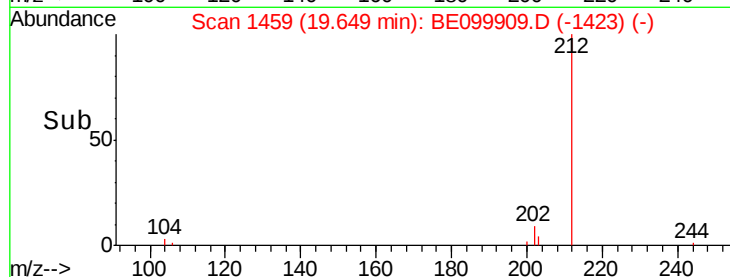
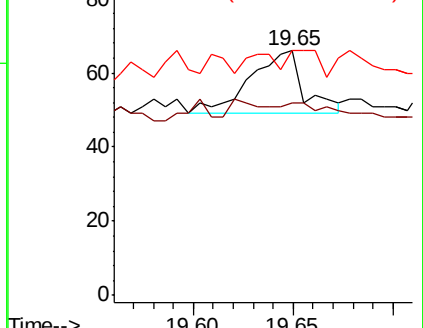
203 21.9 14.0 21.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.553 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

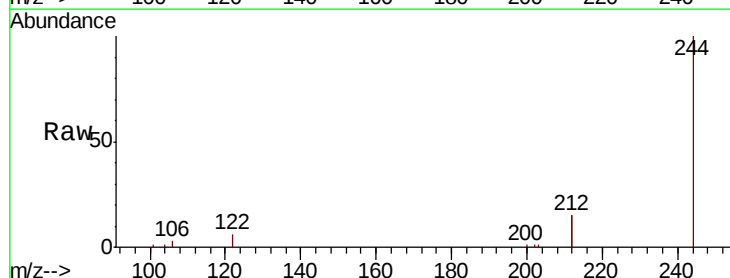
Tgt Ion: 244 Resp: 9539

Ion Ratio Lower Upper

244 100

212 30.7 25.7 38.5

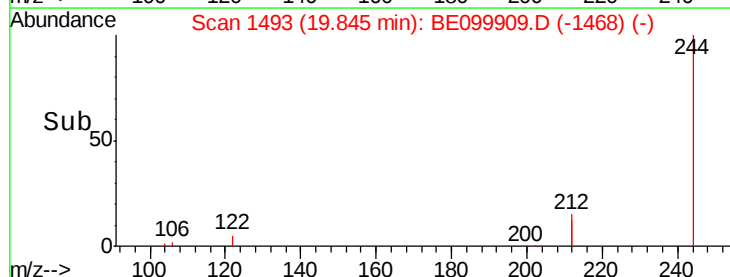
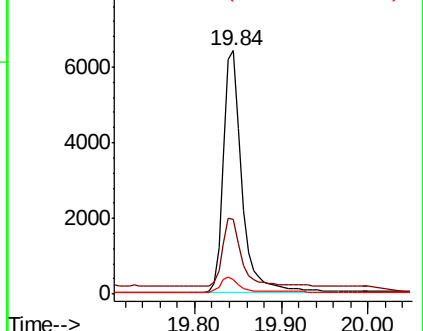
122 6.0 5.5 8.3

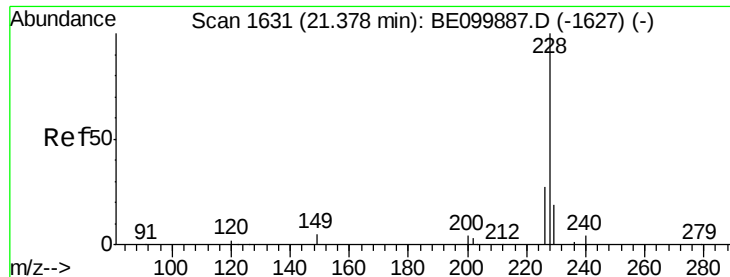


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.003 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190606

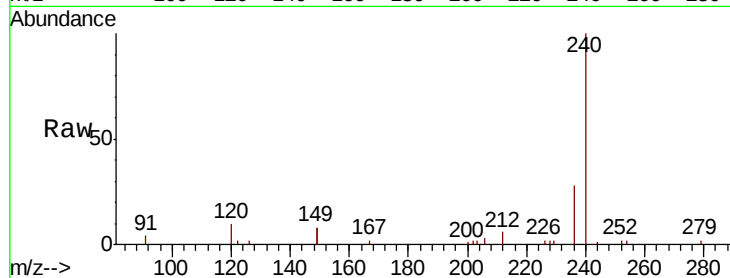
Tgt Ion:228 Resp: 76

Ion Ratio Lower Upper

228 100

226 89.7 22.5 33.7#

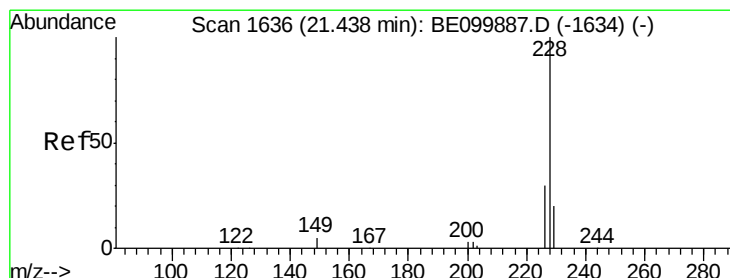
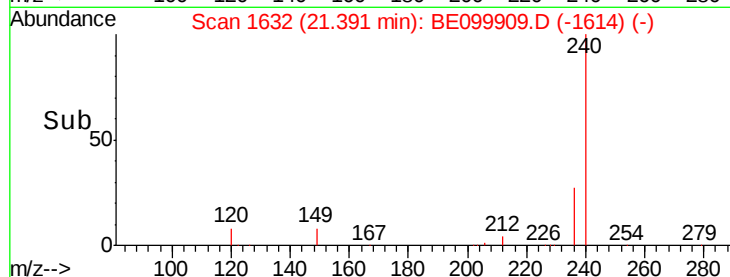
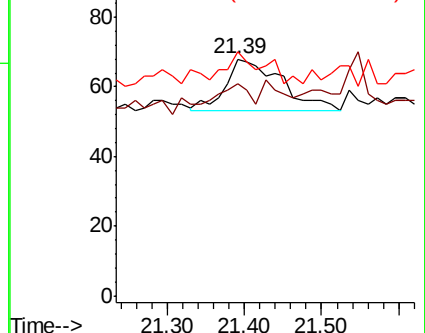
229 102.9 15.9 23.9#



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: 0.002 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.05 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

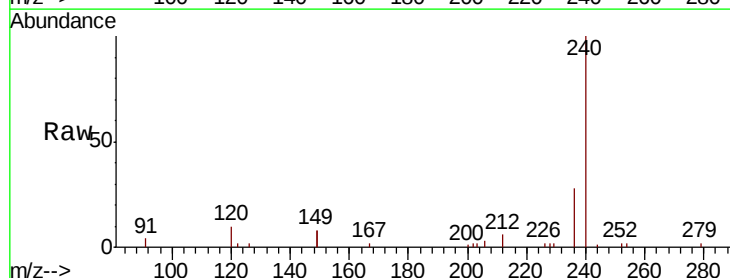
Tgt Ion:228 Resp: 70

Ion Ratio Lower Upper

228 100

226 89.7 24.1 36.1#

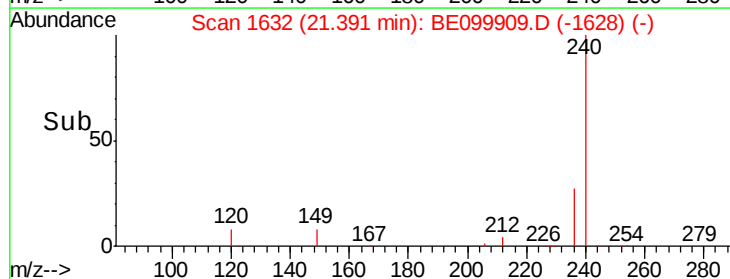
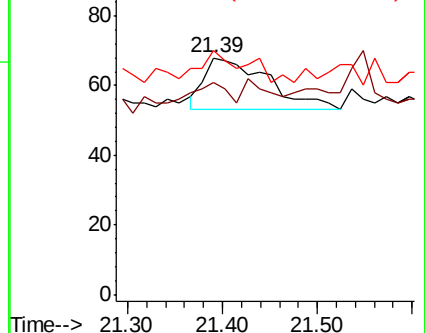
229 102.9 16.1 24.1#

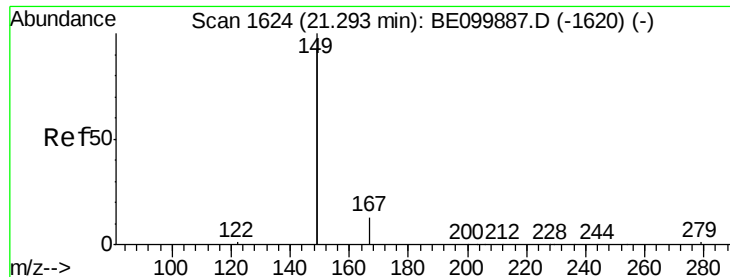


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.431 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190606

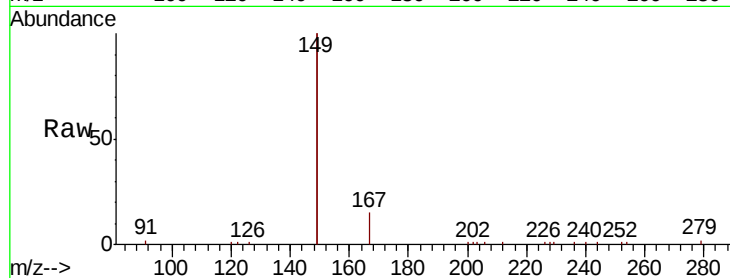
Tgt Ion:149 Resp: 17700

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

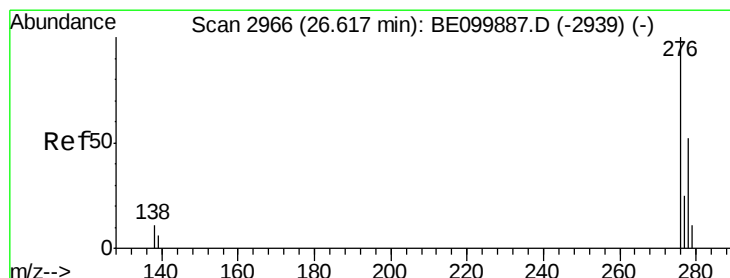
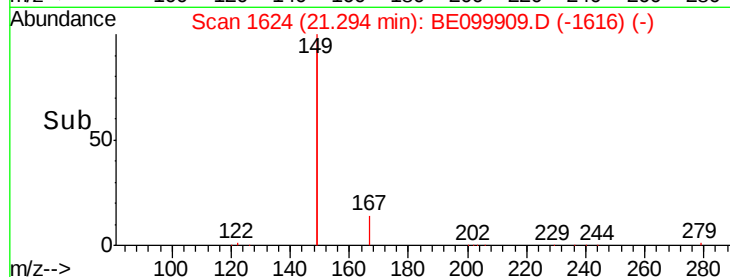
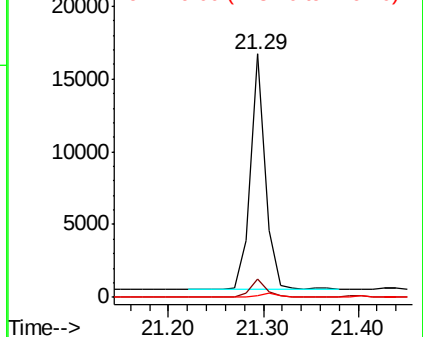
279 1.5 1.2 1.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng

RT: 26.62 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

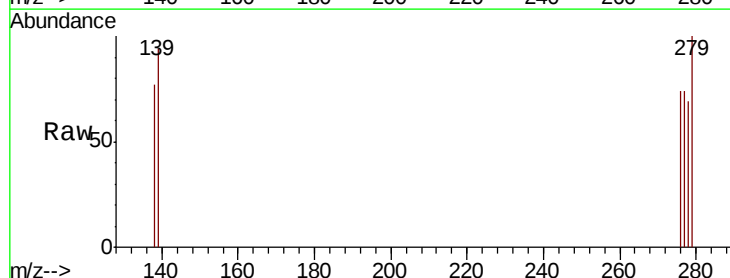
Tgt Ion:276 Resp: 4

Ion Ratio Lower Upper

276 100

138 0.0 10.1 15.1#

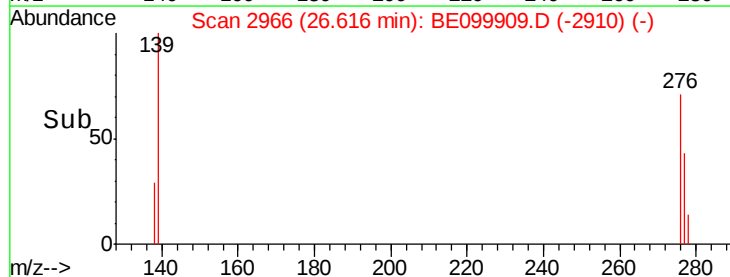
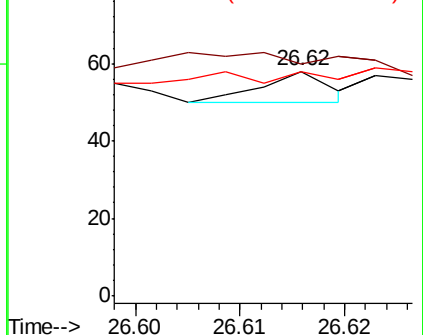
277 150.0 19.1 28.7#

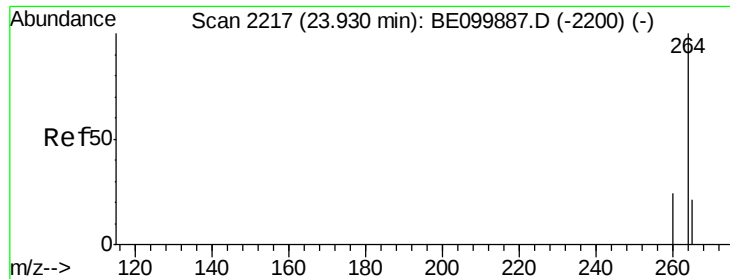


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.93 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190606

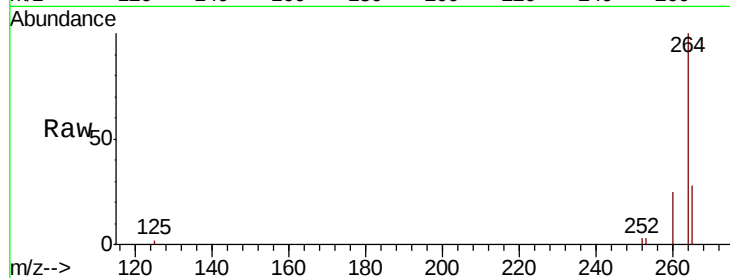
Tgt Ion:264 Resp: 11260

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.2

265 28.1 22.0 33.0

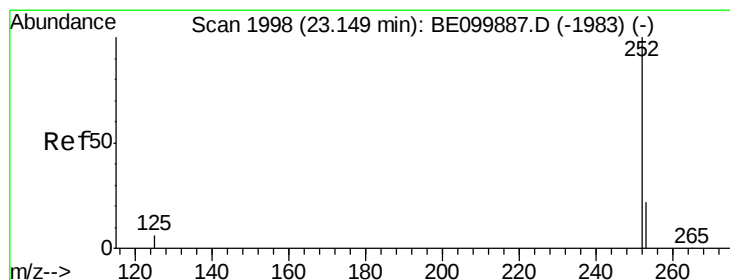
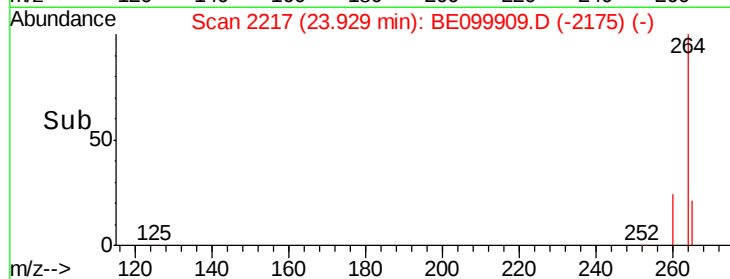
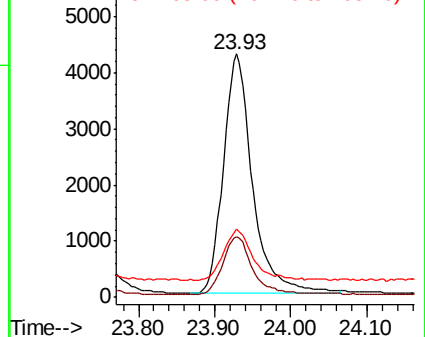


Abundance

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: 0.003 ng

RT: 23.15 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

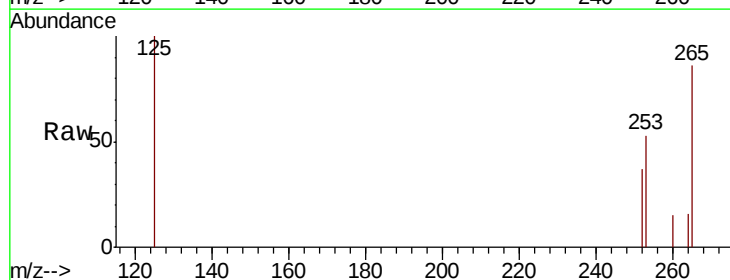
Tgt Ion:252 Resp: 90

Ion Ratio Lower Upper

252 100

253 144.6 18.7 28.1#

125 273.8 5.7 8.5#

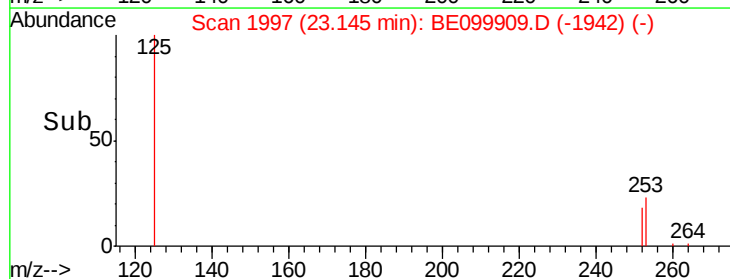
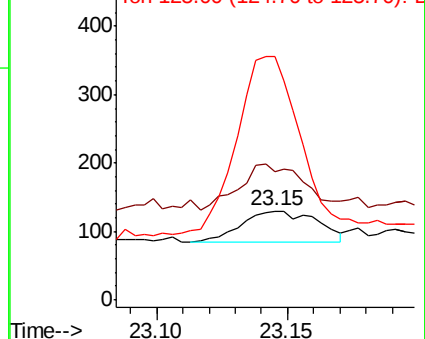


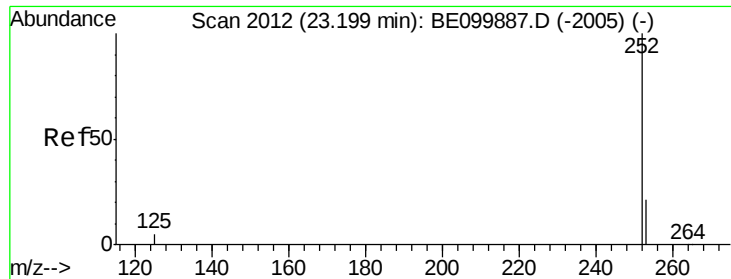
Abundance

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: 23.19 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

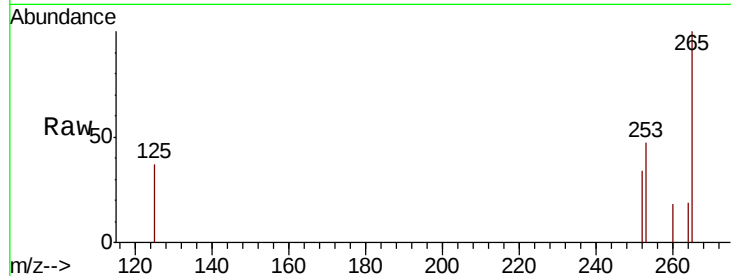
Instrument :

BNA_E

ClientSampleId :

RE120D1-20190606

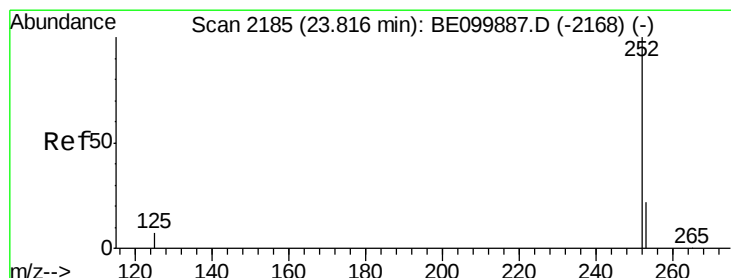
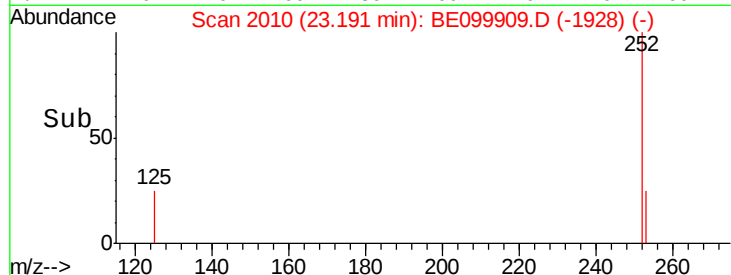
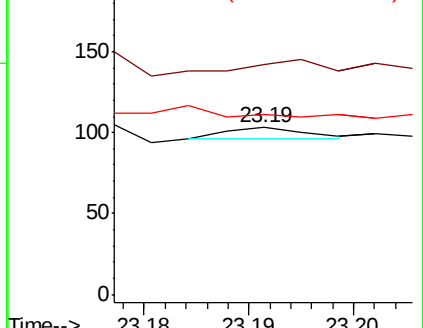
Tgt Ion:	252	Resp:	4
Ion	Ratio	Lower	Upper
252	100		
253	137.9	18.6	28.0#
125	107.8	5.4	8.0#



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: 0.001 ng

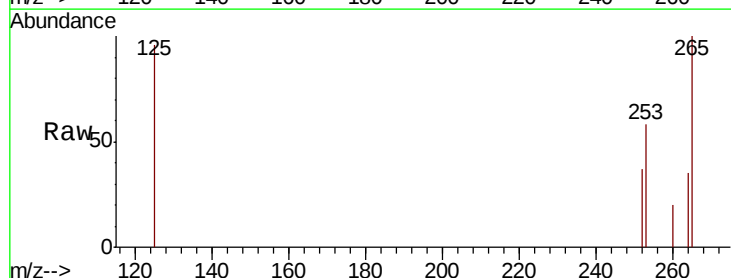
RT: 23.82 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

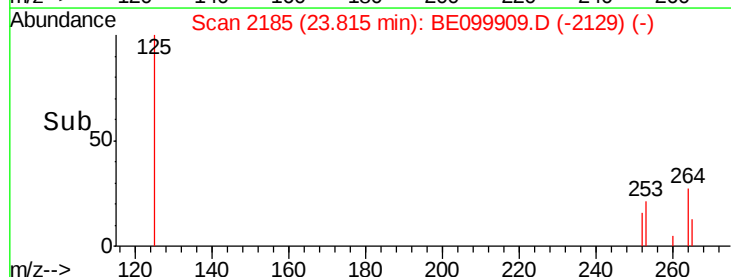
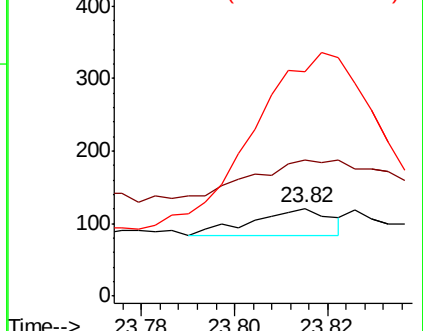
Tgt Ion:	252	Resp:	43
Ion	Ratio	Lower	Upper
252	100		
253	155.4	19.6	29.4#
125	256.2	6.6	10.0#

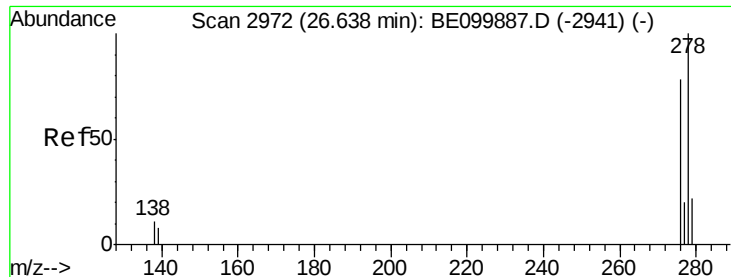


Abundance Ion 252.00 (251.70 to 252.70): E

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: BE099909.D

Acq: 11 Jun 2019 2:33

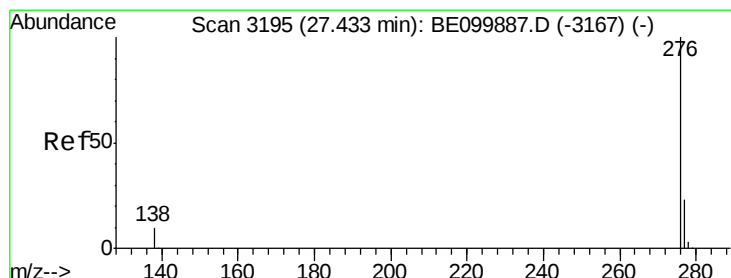
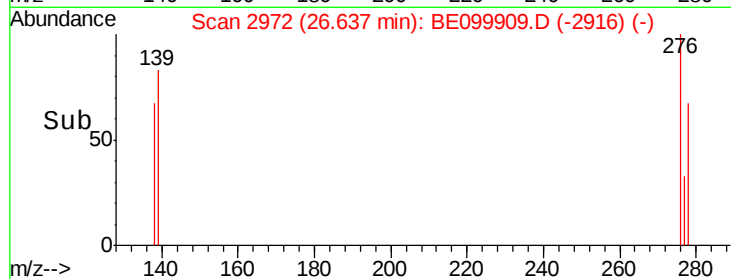
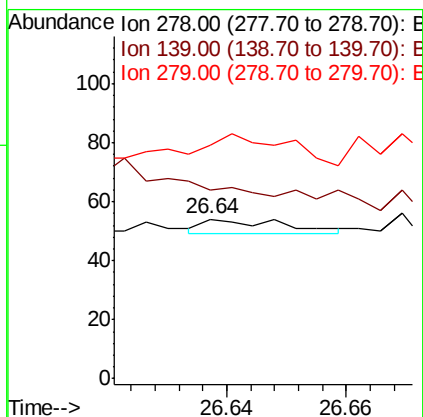
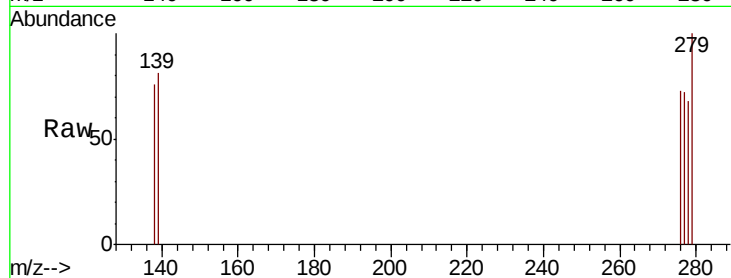
Instrument :

BNA_E

ClientSampleId :

RE120D1-20190606

Tgt Ion:	278	Resp:	5
Ion	Ratio	Lower	Upper
278	100		
139	118.5	7.8	11.8#
279	146.3	20.0	30.0#



#39

Benzo(g,h,i)perylene

Concen: 0.000 ng

RT: 27.43 min Scan# 3193

Delta R.T. -0.01 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

Tgt Ion:	276	Resp:	2
Ion	Ratio	Lower	Upper
276	100		
277	101.9	19.5	29.3#
138	105.6	9.5	14.3#

