

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061019\
 Data File : BE099910.D
 Acq On : 11 Jun 2019 3:08
 Operator : JU/SJ
 Sample : K3257-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE120D2-20190606

Quant Time: Jun 11 06:01:33 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	806	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2782	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2196	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6170	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9076	0.40	ng	0.00
34) Perylene-d12	23.93	264	10466	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	347	0.16	ng	0.00
5) Phenol-d6	6.99	99	270	0.10	ng	0.02
8) Nitrobenzene-d5	8.99	82	1009	0.38	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	1906	0.39	ng	0.02
14) 2,4,6-Tribromophenol	15.98	330	388	0.24	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	3494	0.42	ng	0.00
25) Fluoranthene-d10	19.25	212	36057	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	9348	0.57	ng	0.00

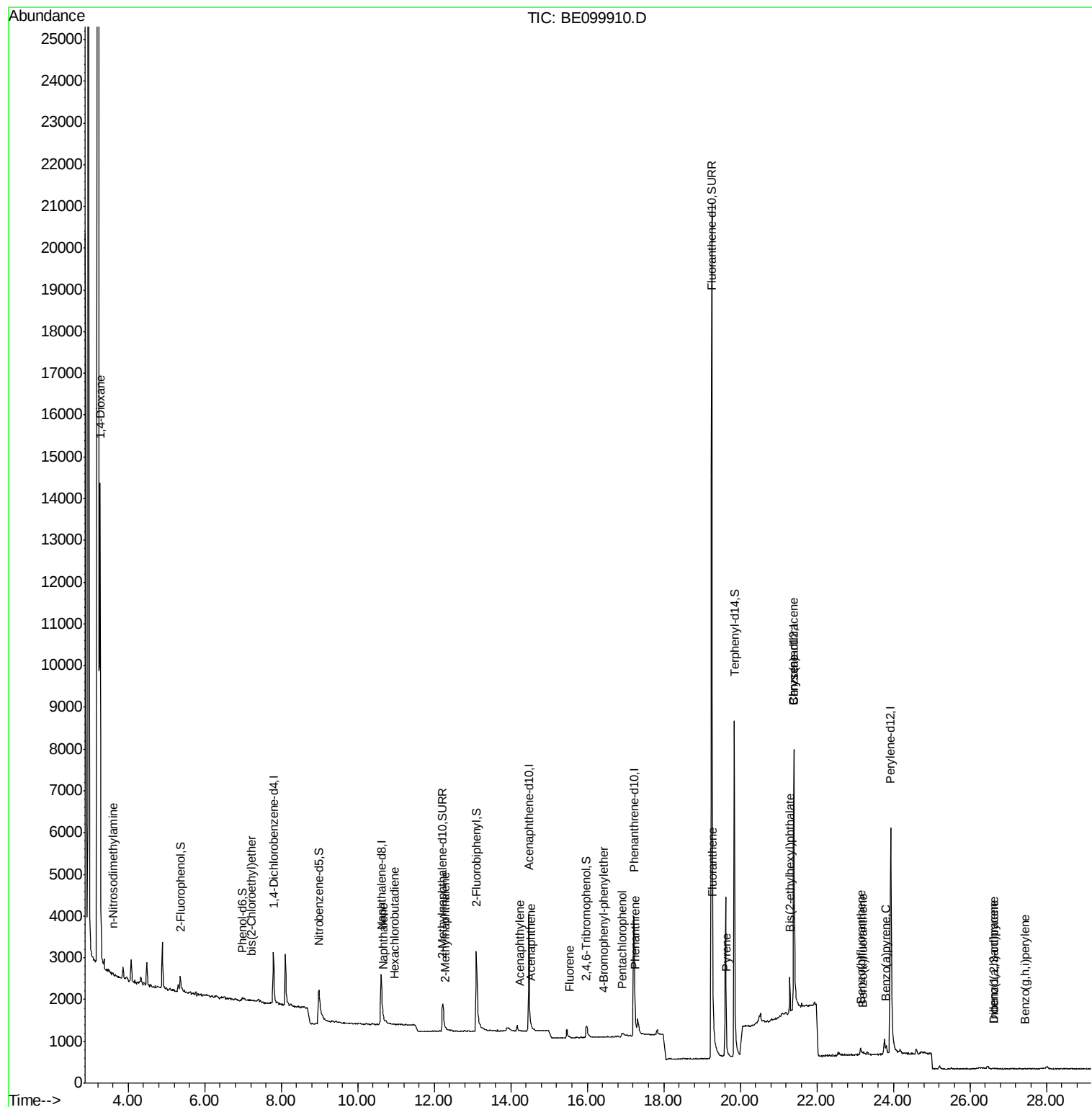
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	8207	6.880	ng	94
3) n-Nitrosodimethylamine	3.60	42	35	0.051	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	60	0.026	ng	91
9) Naphthalene	10.67	128	95	0.003	ng	# 46
10) Hexachlorobutadiene	10.95	225	2	0.001	ng	# 1
12) 2-Methylnaphthalene	12.30	142	8	0.002	ng	# 61
16) Acenaphthylene	14.23	152	19	0.002	ng	# 61
17) Acenaphthene	14.53	154	6	0.001	ng	# 64
18) Fluorene	15.53	166	21	0.002	ng	# 28
20) 4-Bromophenyl-phenylether	16.44	248	4	0.001	ng	# 69
22) Pentachlorophenol	16.92	266	138	0.380	ng	95
23) Phenanthrene	17.25	178	50	0.003	ng	# 64
26) Fluoranthene	19.28	202	34	0.001	ng	# 93
28) Pyrene	19.64	202	24	0.001	ng	# 68
30) Benzo(a)anthracene	21.40	228	45	0.002	ng	# 1
31) Chrysene	21.40	228	34	0.001	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.29	149	1209	0.031	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.62	276	5	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.15	252	43	0.001	ng	# 1
36) Benzo(k)fluoranthene	23.19	252	19	0.001	ng	# 1
37) Benzo(a)pyrene	23.81	252	11	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.63	278	2	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.43	276	5	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: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606

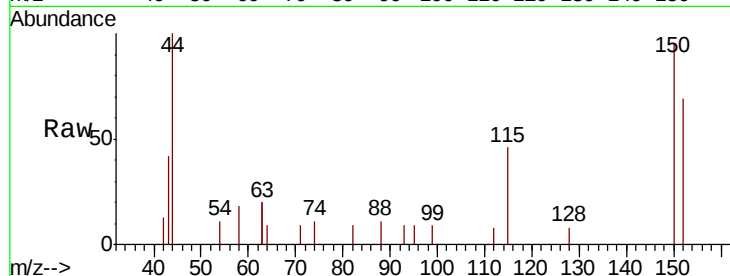
Tgt Ion:152 Resp: 806

Ion Ratio Lower Upper

152 100

150 136.6 111.0 166.6

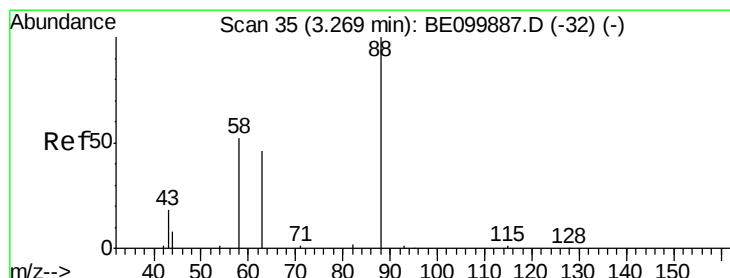
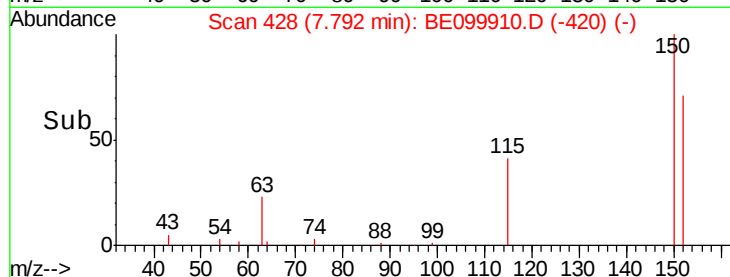
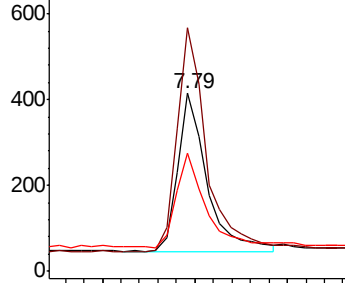
115 66.0 50.7 76.1



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



#2

1,4-Dioxane

Concen: 6.880 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.00 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

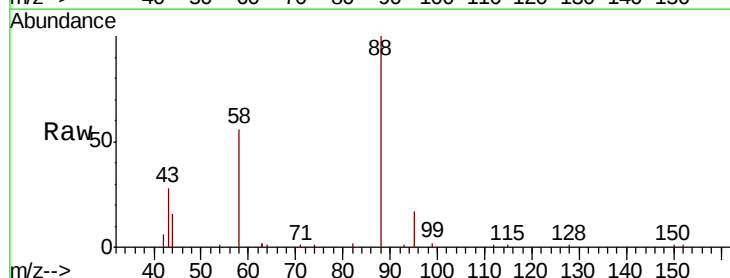
Tgt Ion: 88 Resp: 8207

Ion Ratio Lower Upper

88 100

58 55.2 48.8 73.2

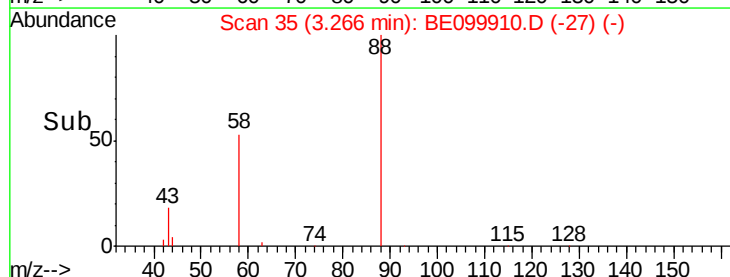
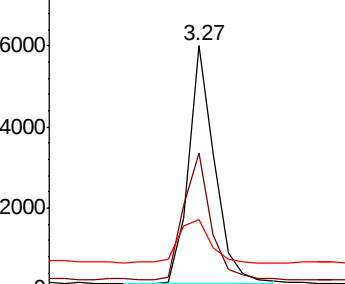
43 22.6 19.0 28.6



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: 0.051 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.00 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

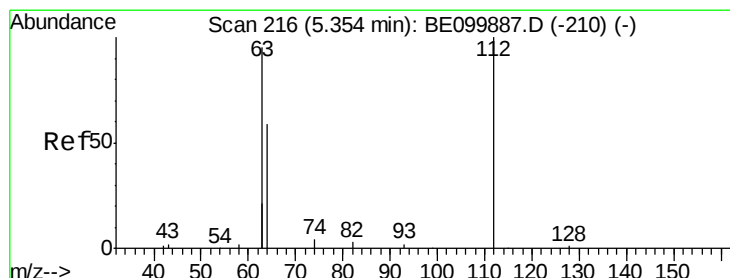
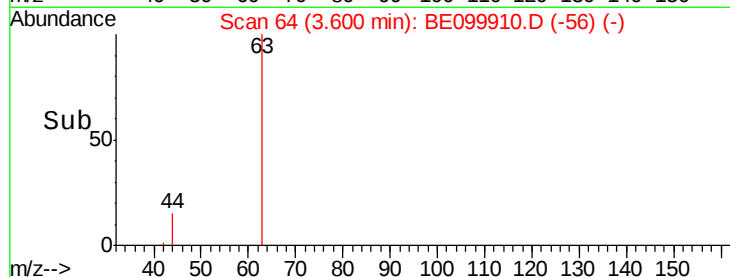
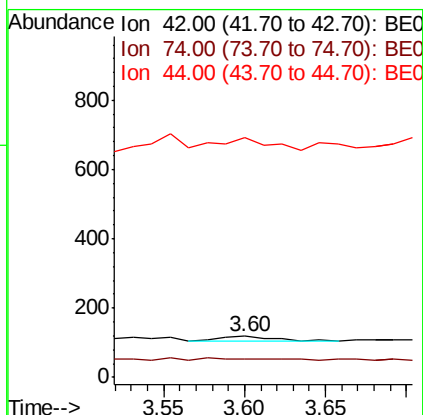
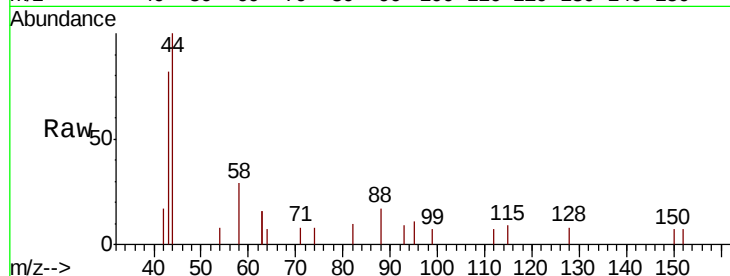
Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606

Tgt Ion:	42	Resp:	35
Ion	Ratio	Lower	Upper
42	100		
74	11.4	0.0	0.0#
44	131.4	0.0	0.0#



#4

2-Fluorophenol

Concen: 0.159 ng

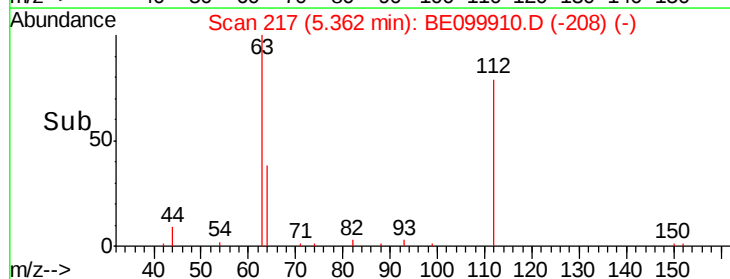
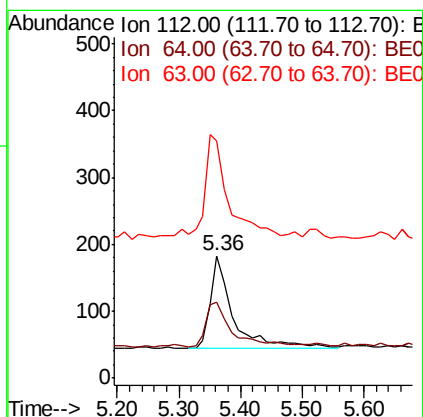
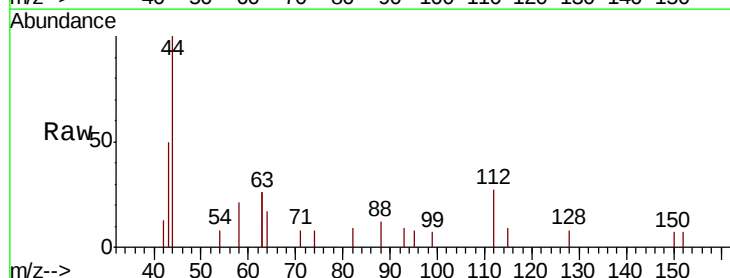
RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Tgt Ion:	112	Resp:	347
Ion	Ratio	Lower	Upper
112	100		
64	59.4	44.1	66.1
63	107.5	87.8	131.6





#5

Phenol-d6

Concen: 0.096 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606

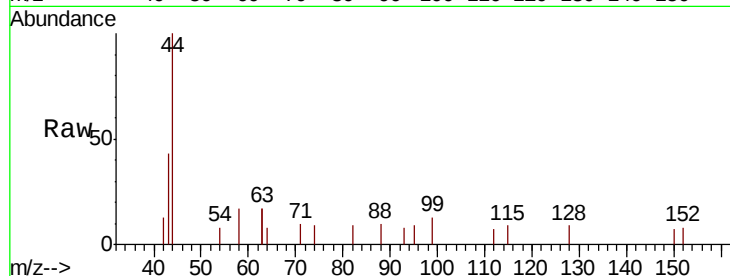
Tgt Ion: 99 Resp: 270

Ion Ratio Lower Upper

99 100

42 4.4 15.9 23.9#

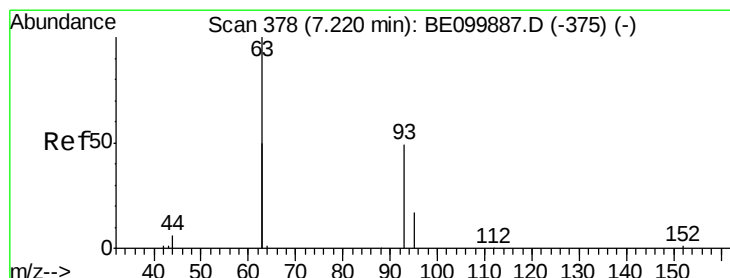
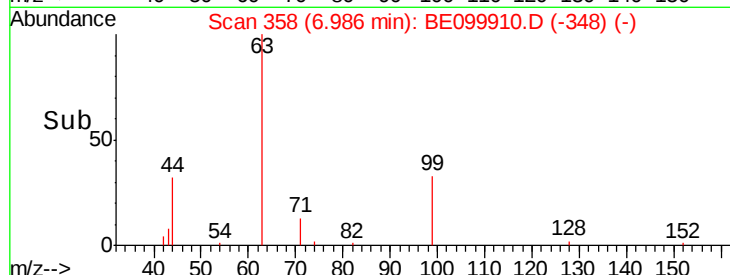
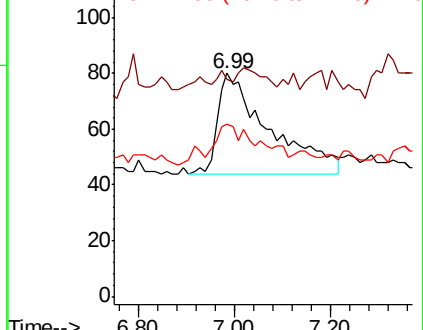
71 27.4 34.6 52.0#



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: 0.026 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

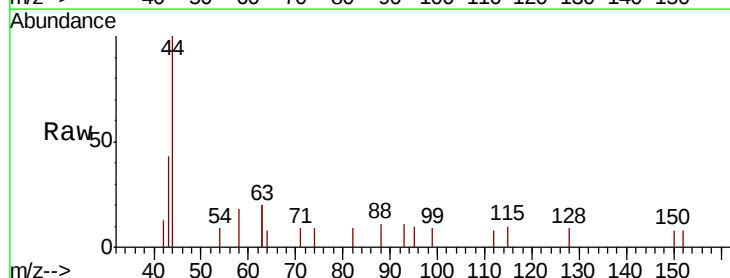
Tgt Ion: 93 Resp: 60

Ion Ratio Lower Upper

93 100

63 236.7 202.8 304.2

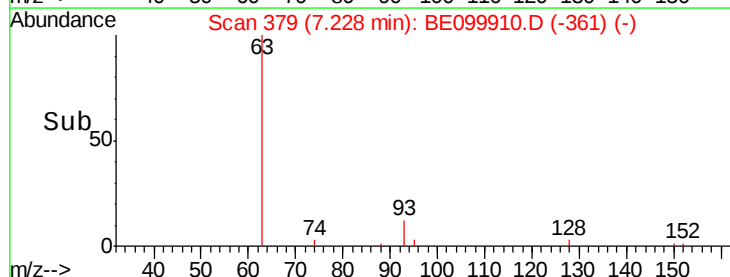
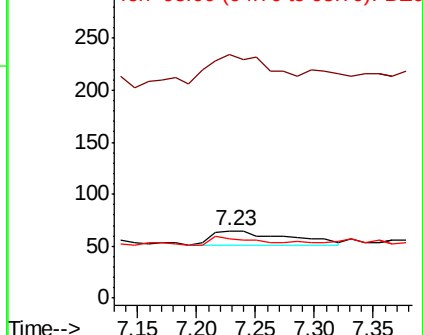
95 33.3 23.7 35.5

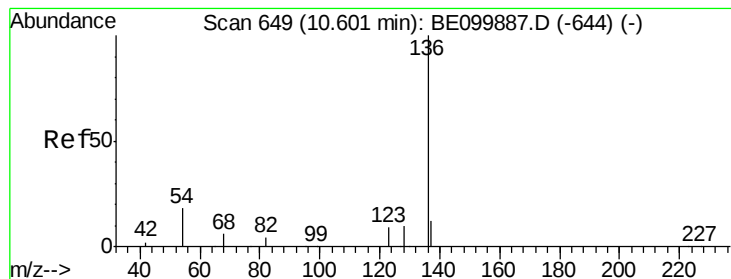


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

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ClientSampleId :

RE120D2-20190606

Tgt Ion: 136 Resp: 2782

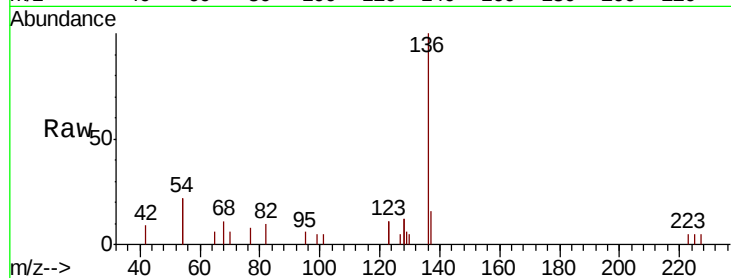
Ion Ratio Lower Upper

136 100

137 16.3 12.3 18.5

54 43.0 28.2 42.4#

68 10.6 7.8 11.8

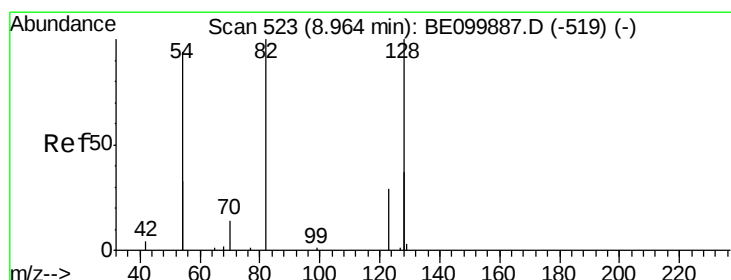
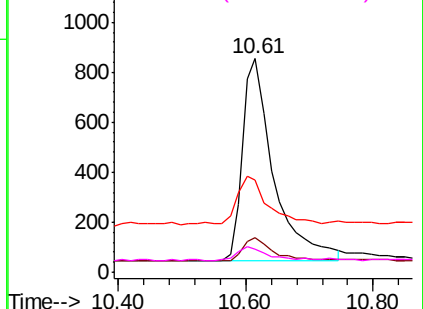
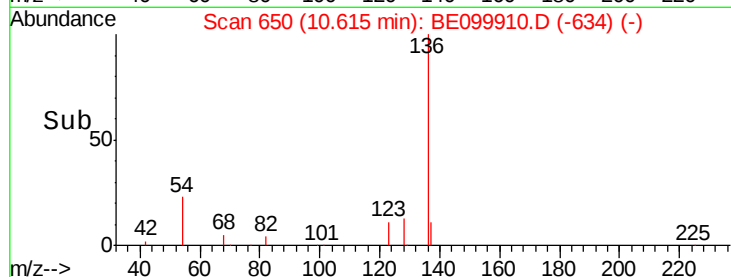


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.383 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

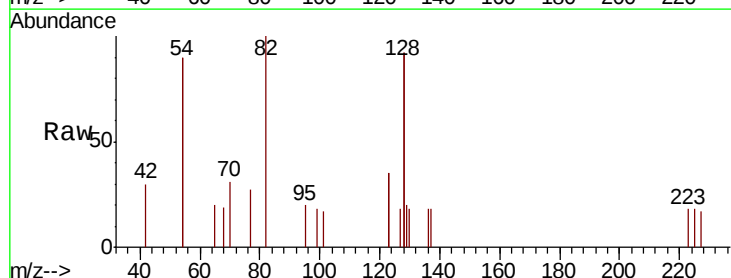
Tgt Ion: 82 Resp: 1009

Ion Ratio Lower Upper

82 100

128 183.8 137.3 205.9

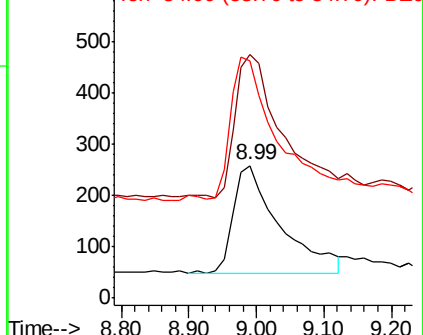
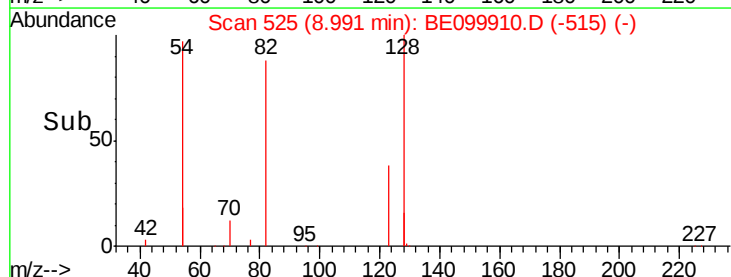
54 179.2 129.7 194.5

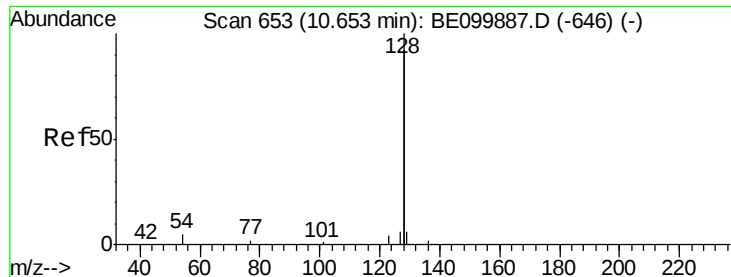


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

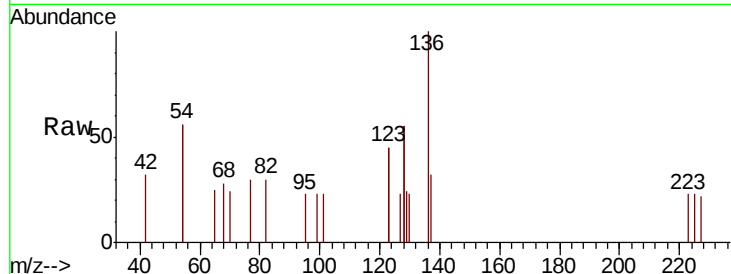




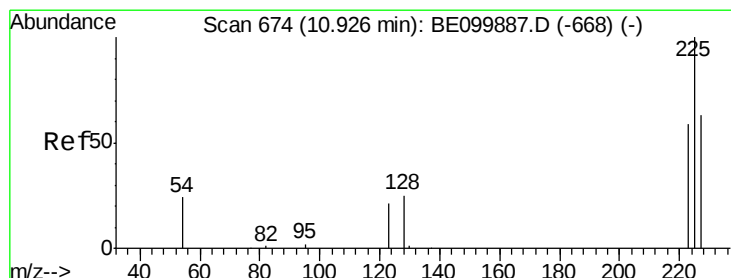
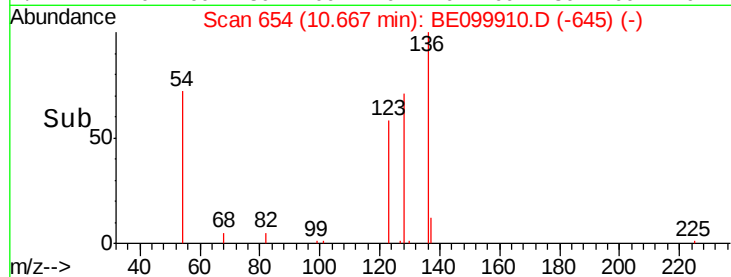
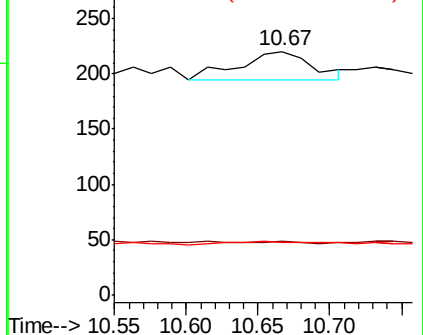
#9
Naphthalene
Concen: 0.003 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.01 min
Lab File: BE099910.D
Acq: 11 Jun 2019 3:08

Instrument :
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RE120D2-20190606

Tgt Ion:128 Resp: 95
Ion Ratio Lower Upper
128 100
129 22.3 3.0 4.6#
127 21.4 3.4 5.0#

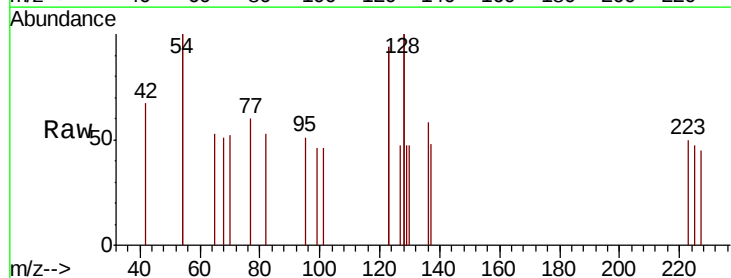


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

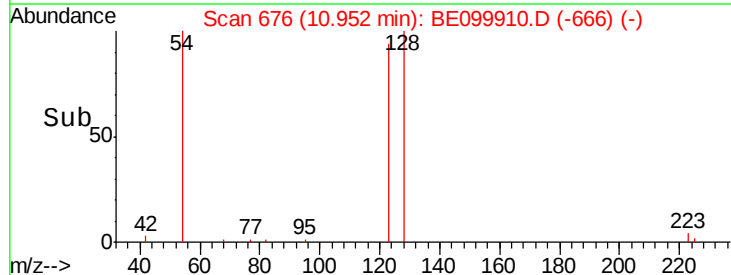
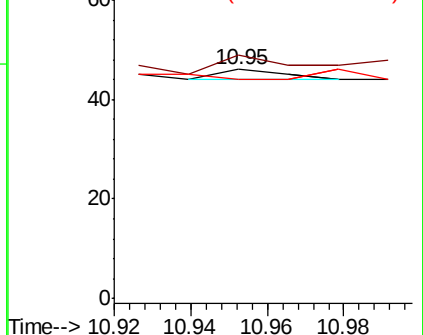


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.03 min
Lab File: BE099910.D
Acq: 11 Jun 2019 3:08

Tgt Ion:225 Resp: 2
Ion Ratio Lower Upper
225 100
223 300.0 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: 0.393 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.02 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

BNA_E

ClientSampleId :

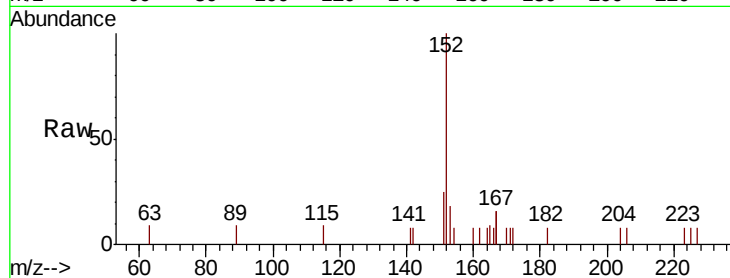
RE120D2-20190606

Tgt Ion:152 Resp: 1906

Ion Ratio Lower Upper

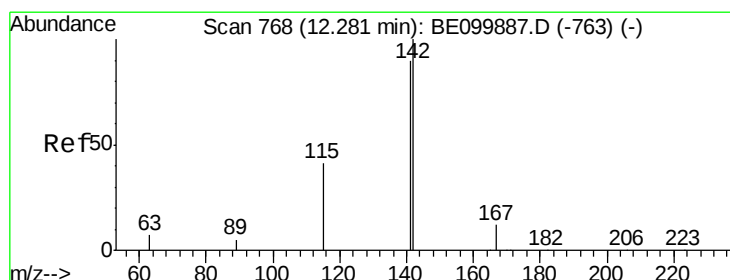
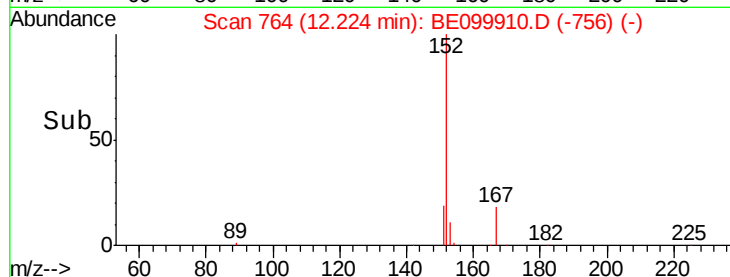
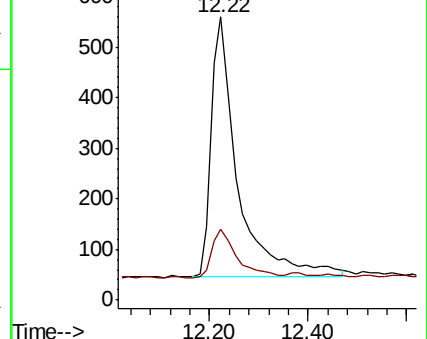
152 100

151 17.3 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: 0.002 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.02 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

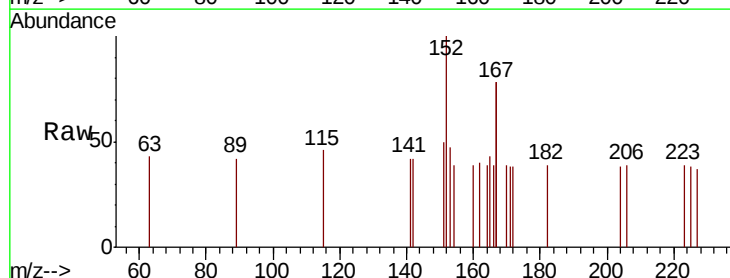
Tgt Ion:142 Resp: 8

Ion Ratio Lower Upper

142 100

141 100.0 72.3 108.5

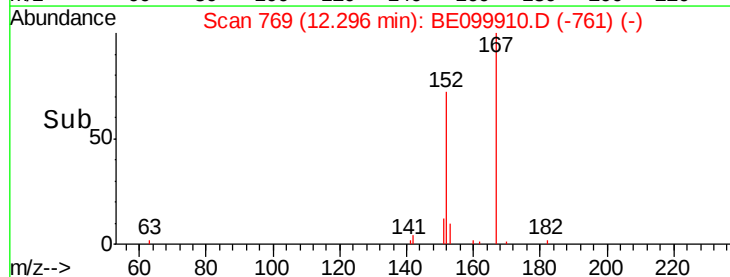
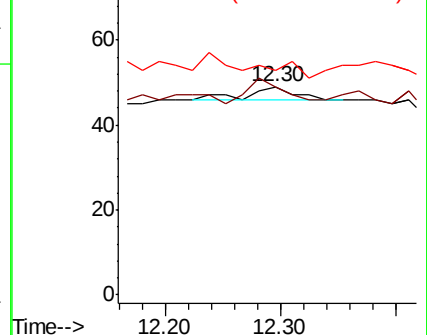
115 108.2 36.4 54.6#



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

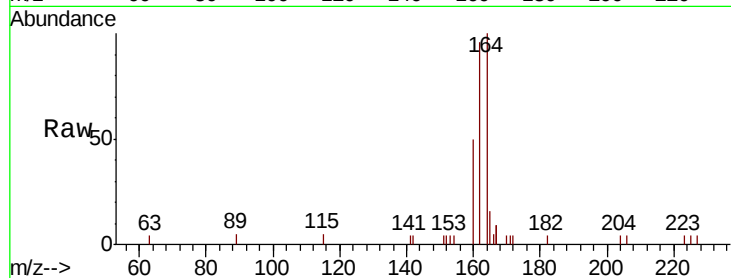




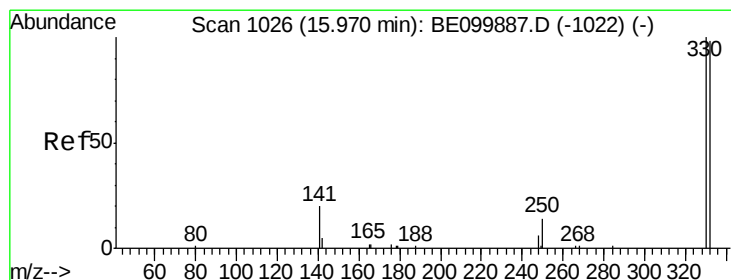
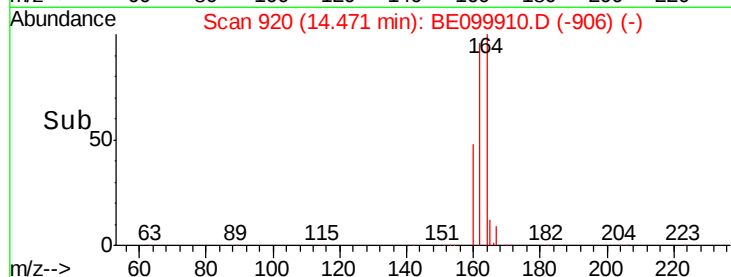
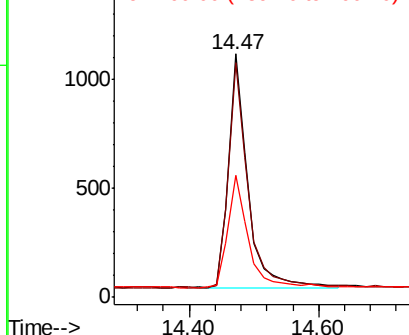
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE099910.D
 Acq: 11 Jun 2019 3:08

Instrument :
 BNA_E
 ClientSampleId :
 RE120D2-20190606

Tgt Ion:164 Resp: 2196
 Ion Ratio Lower Upper
 164 100
 162 96.2 77.8 116.8
 160 50.0 38.2 57.4

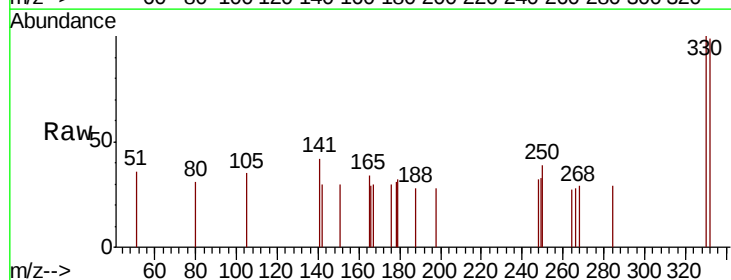


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

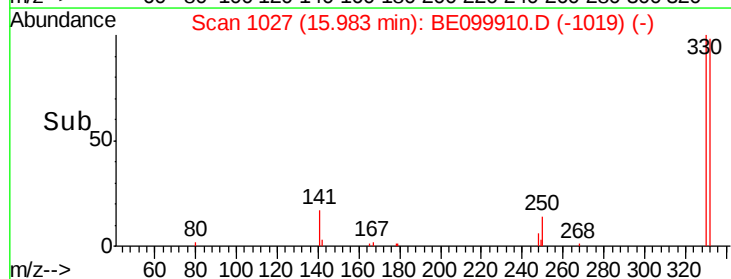
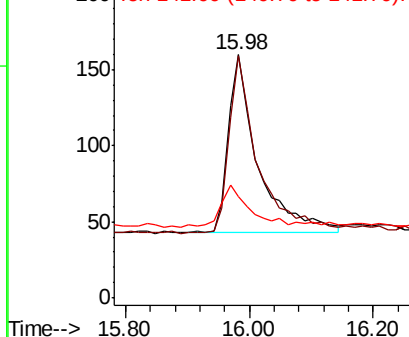


#14
 2,4,6-Tribromophenol
 Concen: 0.239 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE099910.D
 Acq: 11 Jun 2019 3:08

Tgt Ion:330 Resp: 388
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.7 115.1
 141 22.4 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

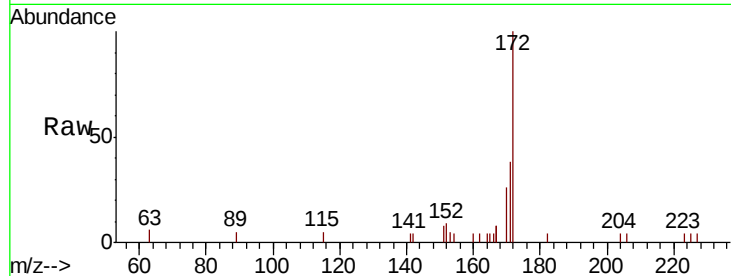




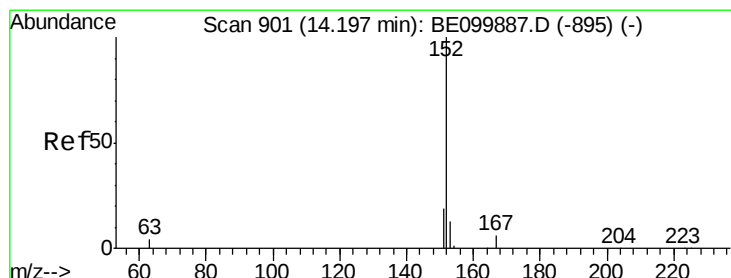
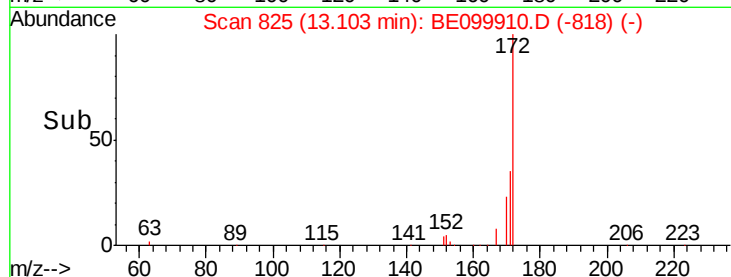
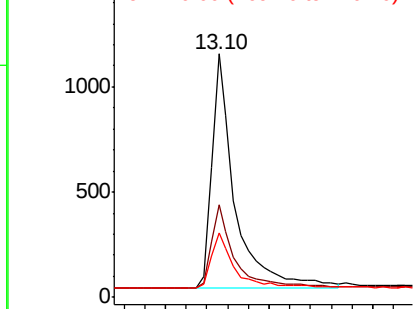
#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099910.D
Acq: 11 Jun 2019 3:08

Instrument :
BNA_E
ClientSampleId :
RE120D2-20190606

Tgt Ion:172 Resp: 3494
Ion Ratio Lower Upper
172 100
171 37.9 29.2 43.8
170 26.2 21.2 31.8

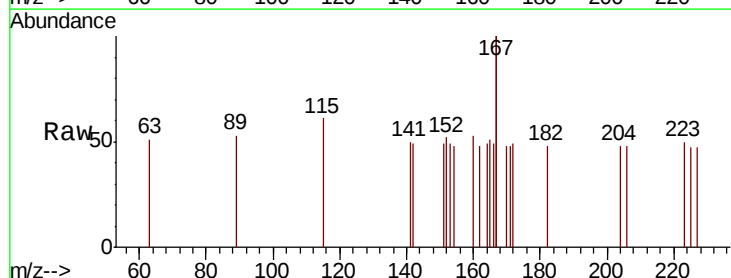


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

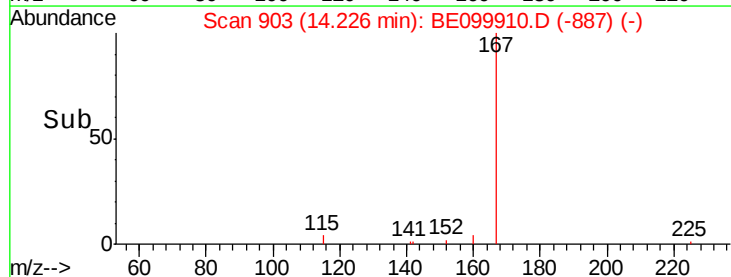
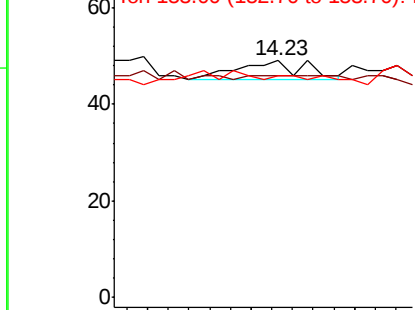


#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.03 min
Lab File: BE099910.D
Acq: 11 Jun 2019 3:08

Tgt Ion:152 Resp: 19
Ion Ratio Lower Upper
152 100
151 0.0 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: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

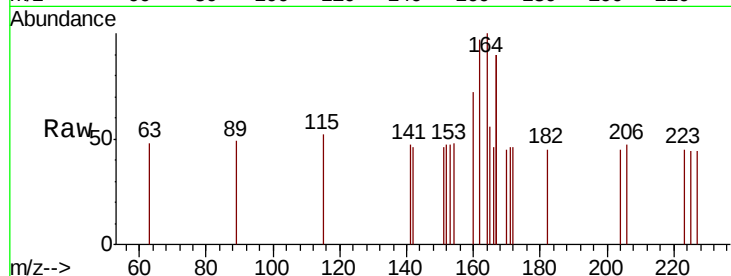
BNA_E

ClientSampleId :

RE120D2-20190606

Tgt Ion:154 Resp: 6

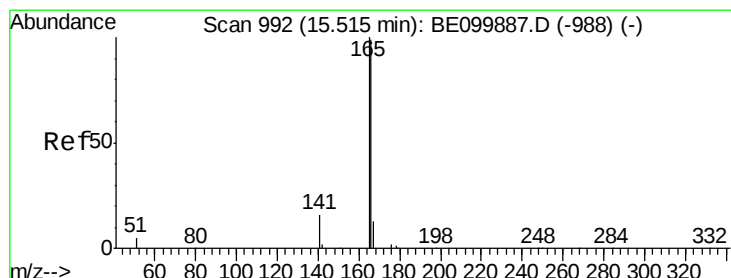
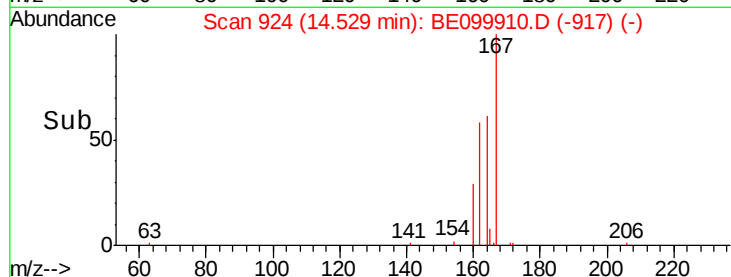
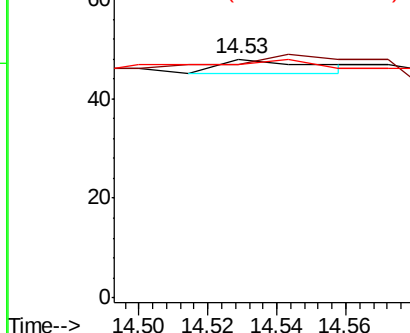
Ion	Ratio	Lower	Upper
154	100		
153	100.0	93.1	139.7
152	0.0	47.0	70.4#



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: 0.002 ng

RT: 15.53 min Scan# 993

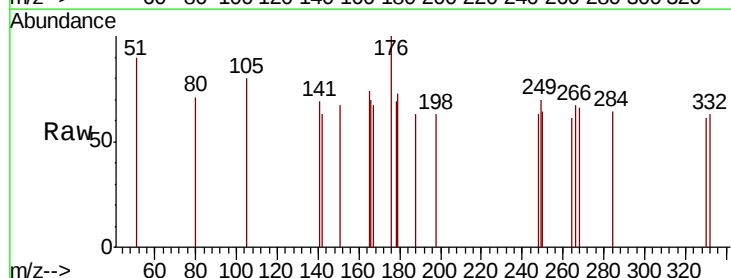
Delta R.T. 0.01 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Tgt Ion:166 Resp: 21

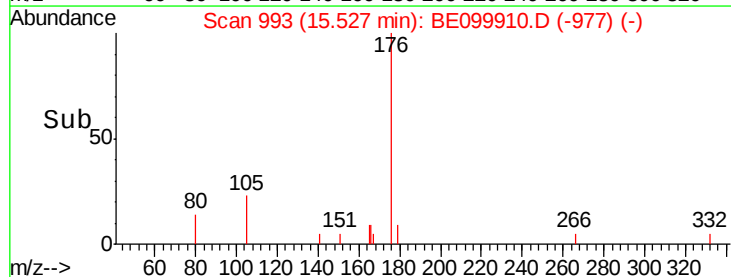
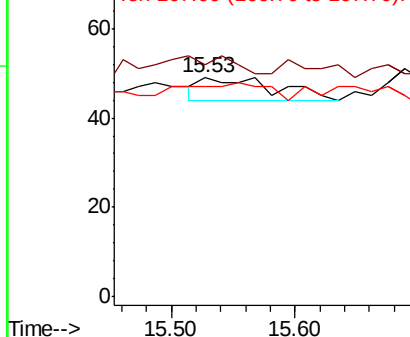
Ion	Ratio	Lower	Upper
166	100		
165	181.0	81.8	122.8#
167	0.0	11.2	16.8#

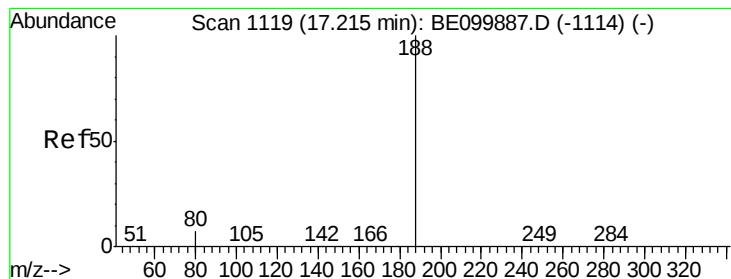


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606

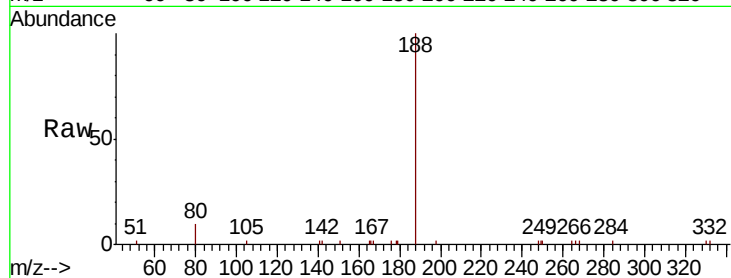
Tgt Ion:188 Resp: 6170

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

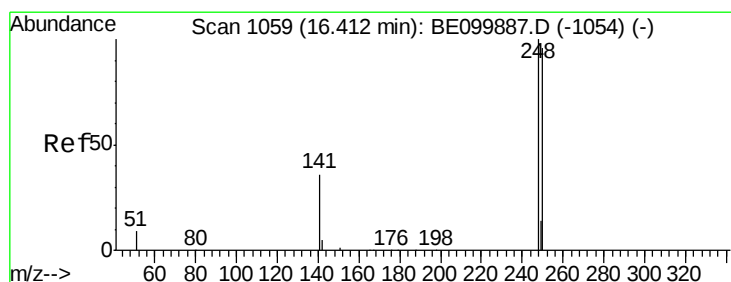
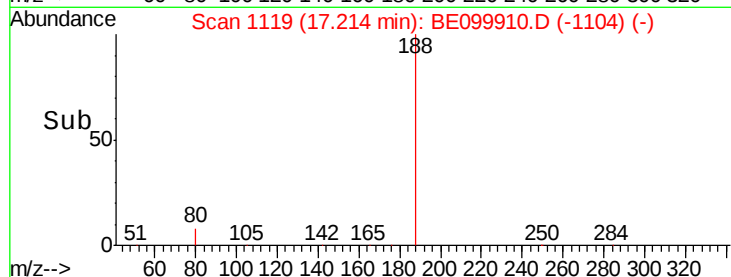
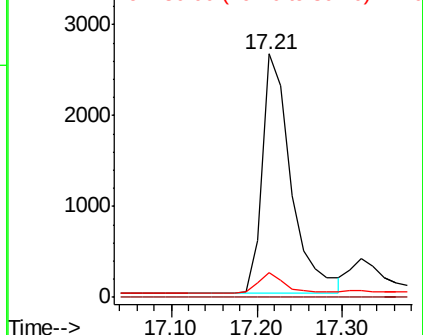
80 10.0 6.4 9.6#



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: BE099910.D

Acq: 11 Jun 2019 3:08

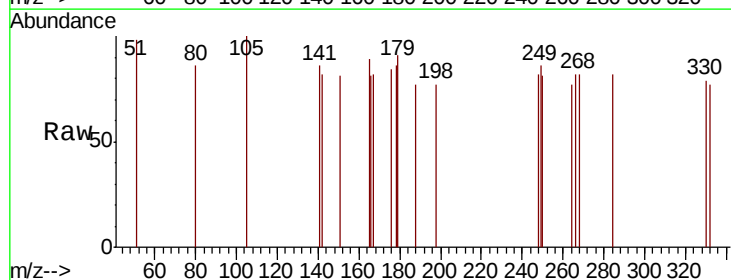
Tgt Ion:248 Resp: 4

Ion Ratio Lower Upper

248 100

250 97.9 77.5 116.3

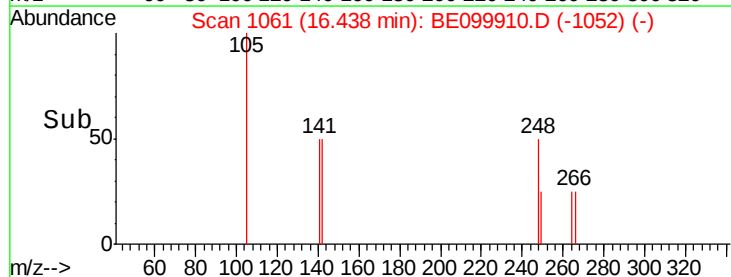
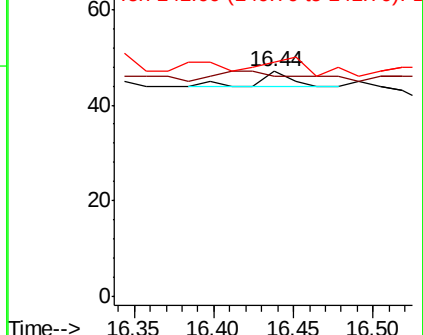
141 104.3 31.8 47.8#

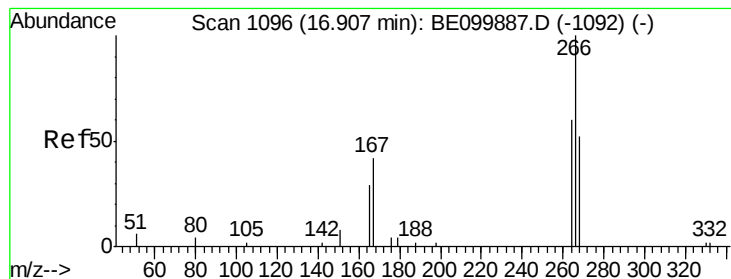


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#22

Pentachlorophenol

Concen: 0.380 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606

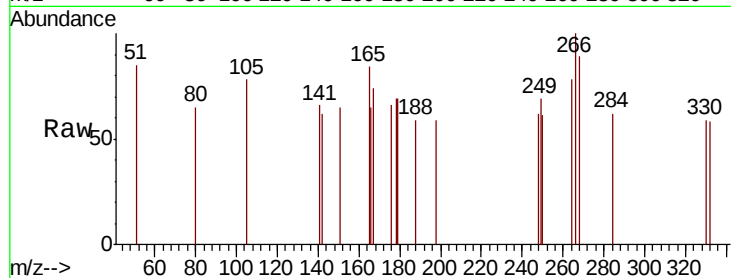
Tgt Ion:266 Resp: 138

Ion Ratio Lower Upper

266 100

264 78.4 62.2 93.2

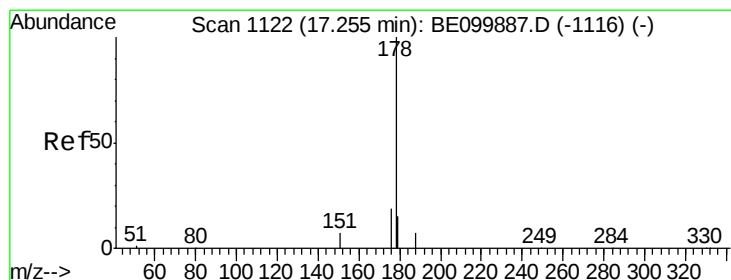
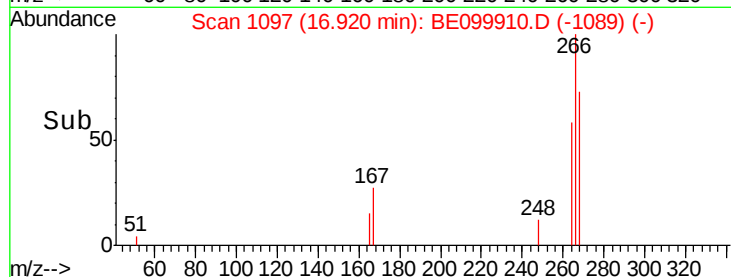
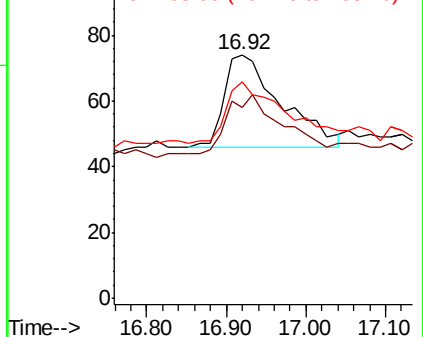
268 89.2 65.5 98.3



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: 0.003 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

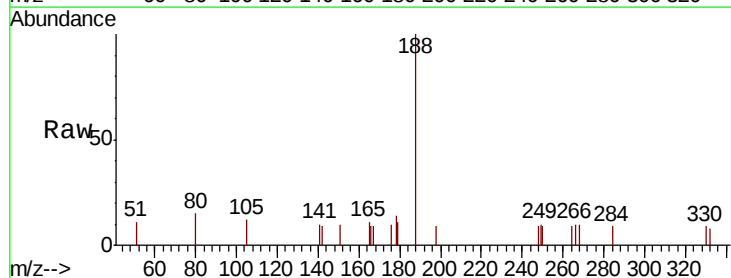
Tgt Ion:178 Resp: 50

Ion Ratio Lower Upper

178 100

176 36.0 15.8 23.8#

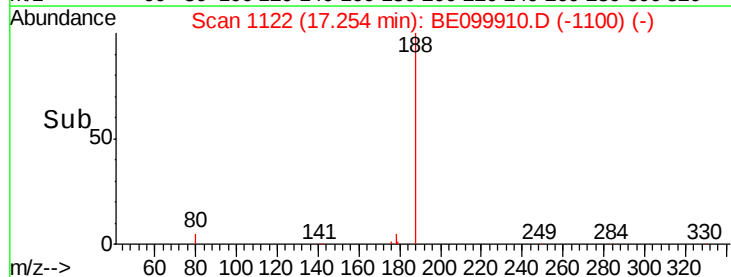
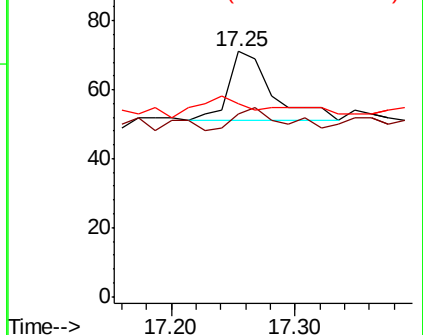
179 0.0 12.4 18.6#

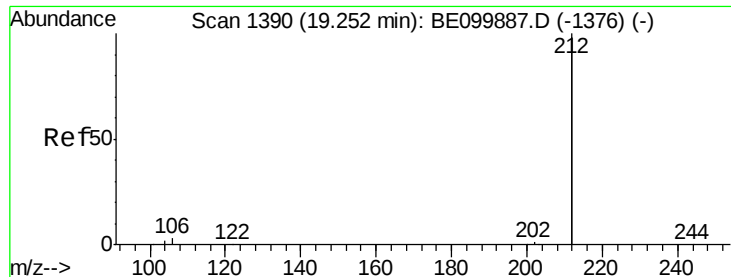


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.401 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606

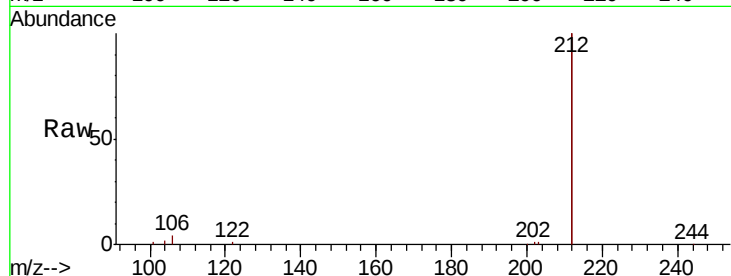
Tgt Ion:212 Resp: 36057

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

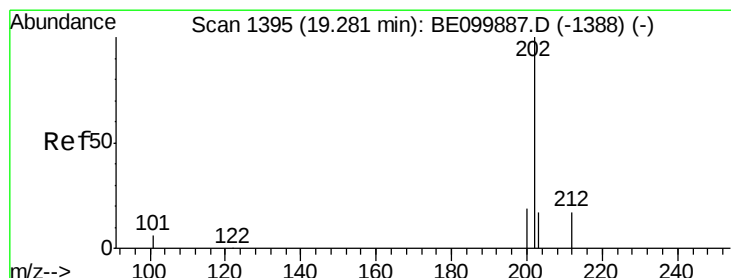
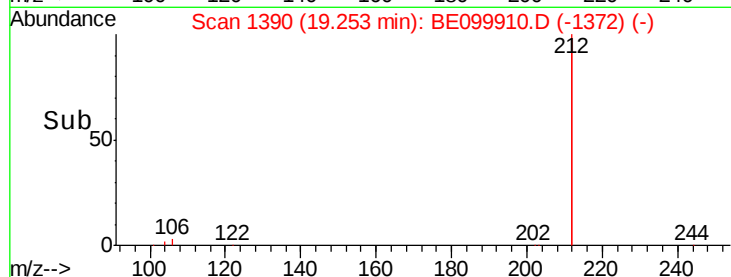
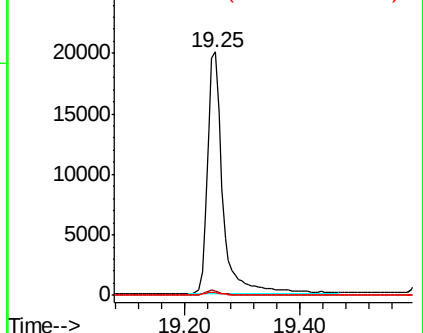
104 1.0 0.9 1.3



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.001 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

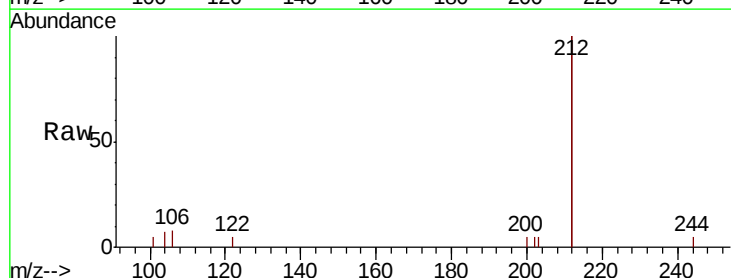
Tgt Ion:202 Resp: 34

Ion Ratio Lower Upper

202 100

101 5.9 5.4 8.0

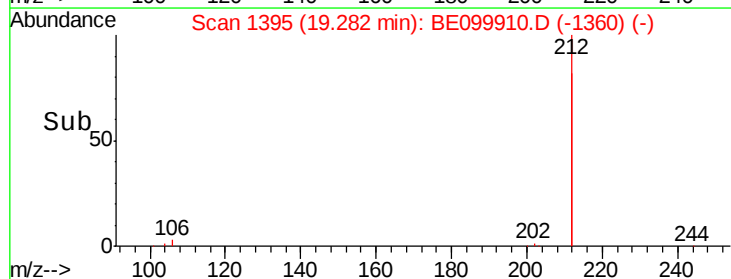
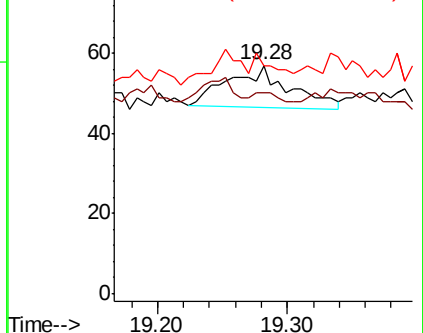
203 20.6 13.2 19.8#

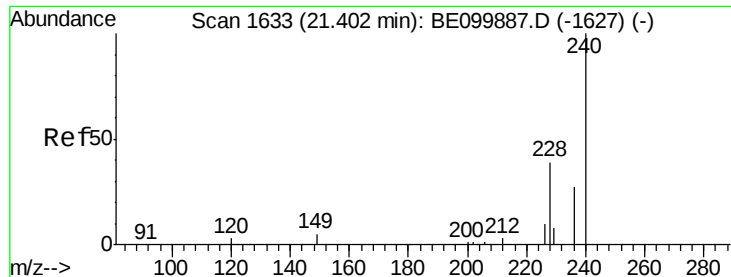


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606

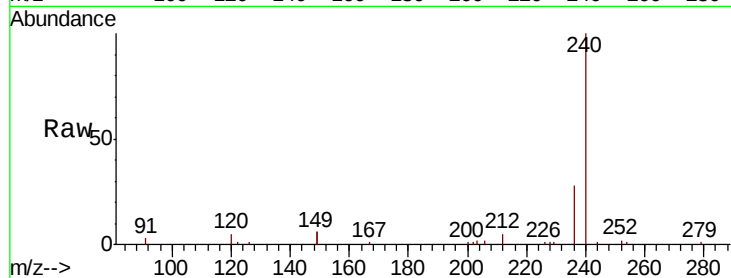
Tgt Ion:240 Resp: 9076

Ion Ratio Lower Upper

240 100

120 5.2 3.8 5.6

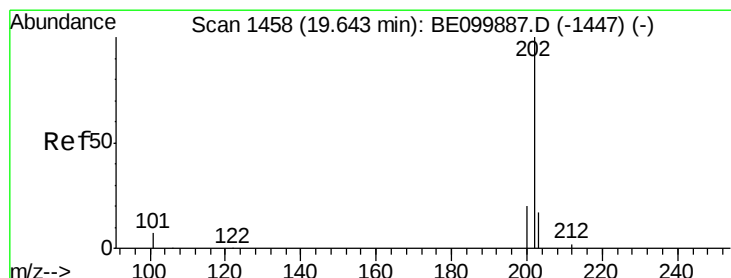
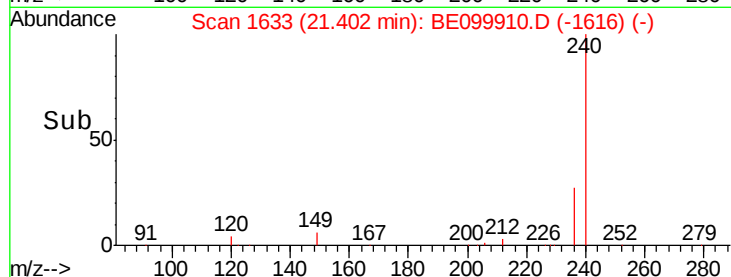
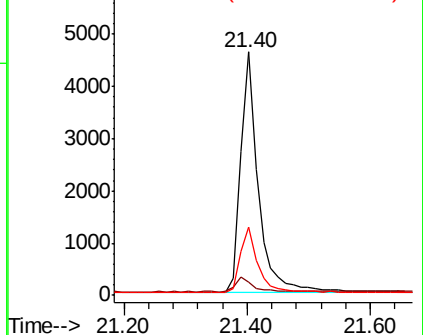
236 27.8 22.0 33.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.001 ng

RT: 19.64 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

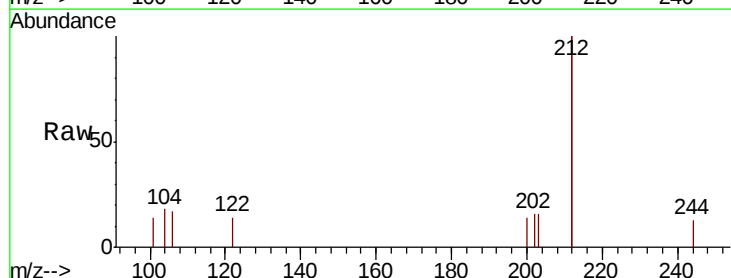
Tgt Ion:202 Resp: 24

Ion Ratio Lower Upper

202 100

200 0.0 15.5 23.3#

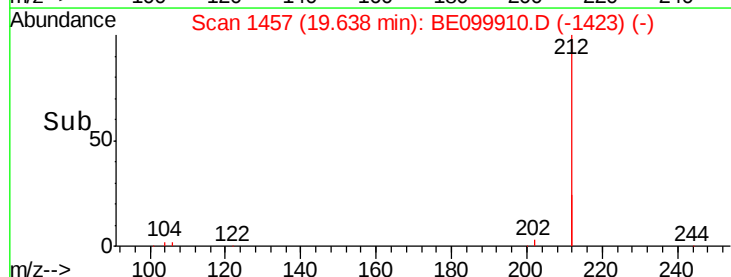
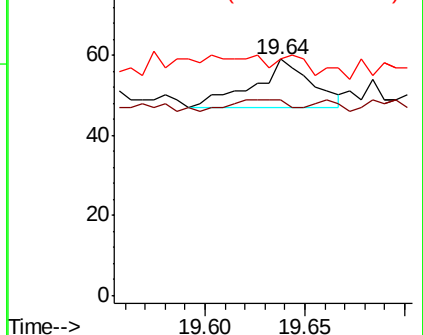
203 8.3 14.0 21.0#

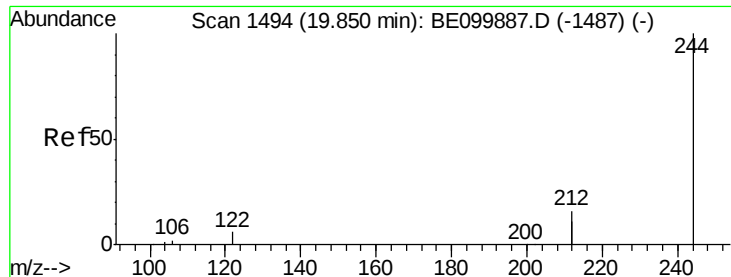


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.572 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606

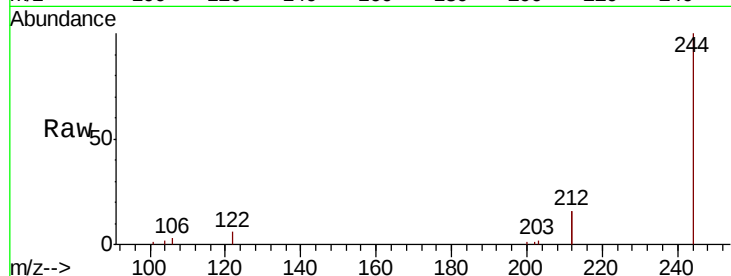
Tgt Ion:244 Resp: 9348

Ion Ratio Lower Upper

244 100

212 32.0 25.7 38.5

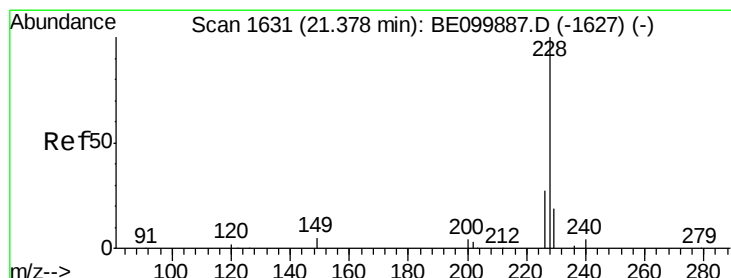
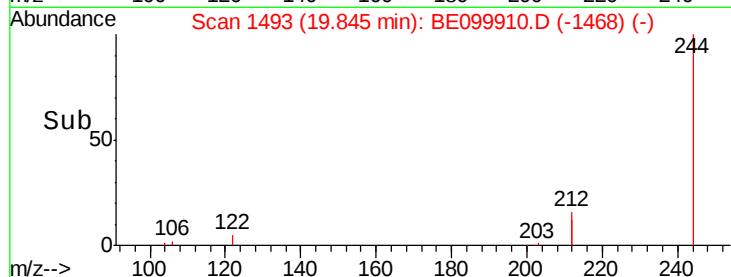
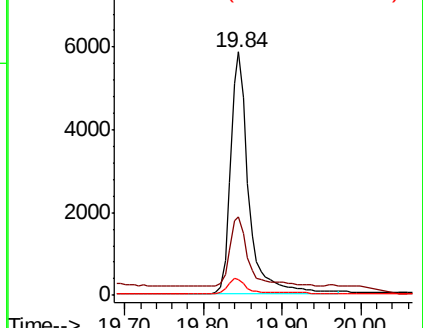
122 6.3 5.5 8.3



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: 0.002 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.02 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

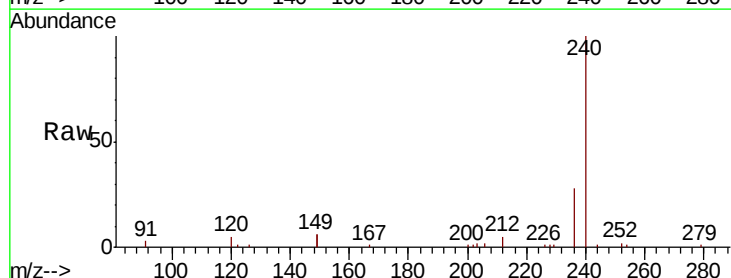
Tgt Ion:228 Resp: 45

Ion Ratio Lower Upper

228 100

226 77.9 22.5 33.7#

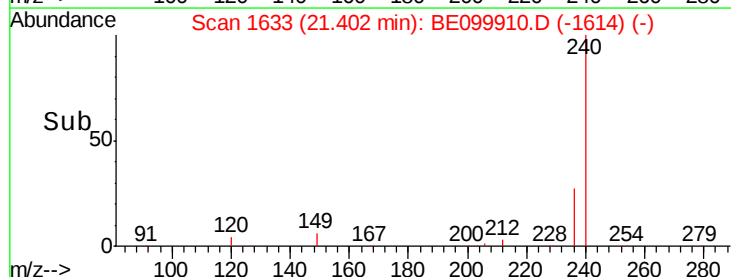
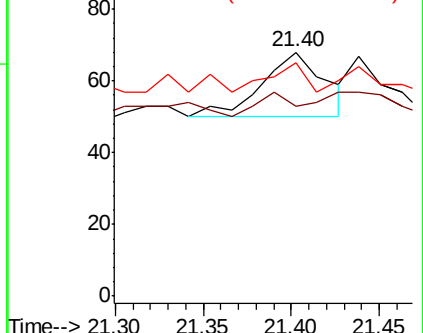
229 95.6 15.9 23.9#

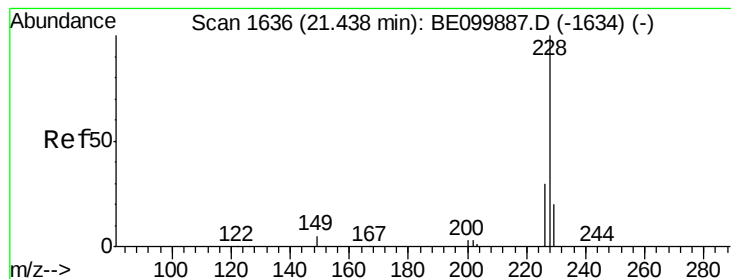


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.001 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.04 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

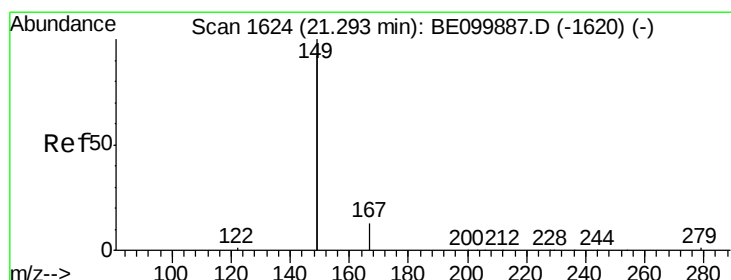
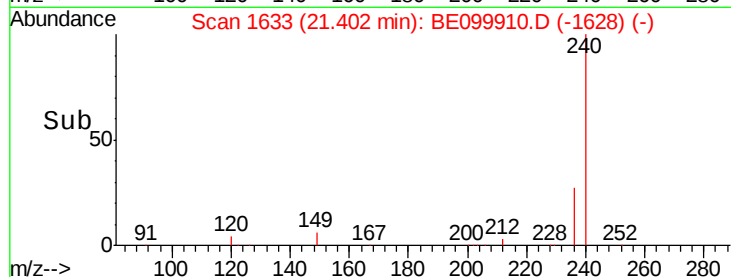
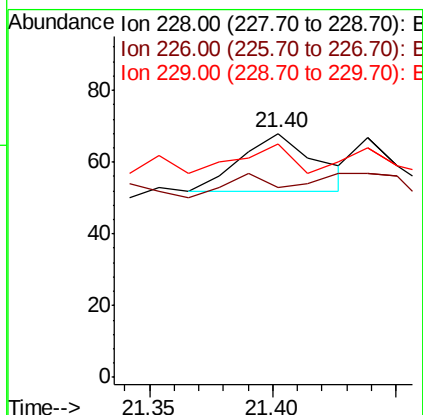
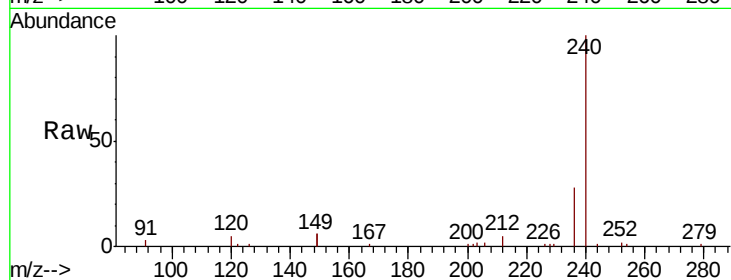
Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606

Tgt Ion:	228	Resp:	34
Ion	Ratio	Lower	Upper
228	100		
226	77.9	24.1	36.1#
229	95.6	16.1	24.1#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.031 ng

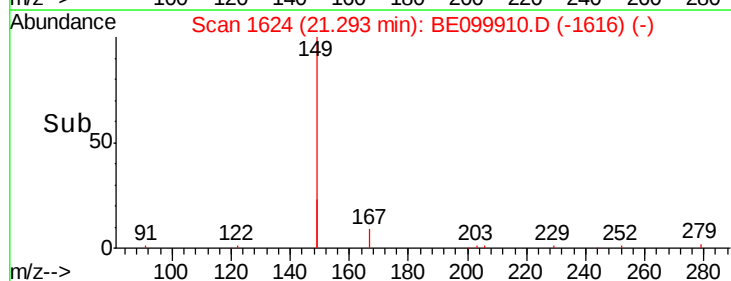
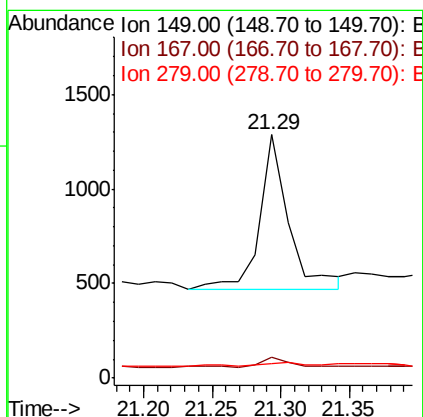
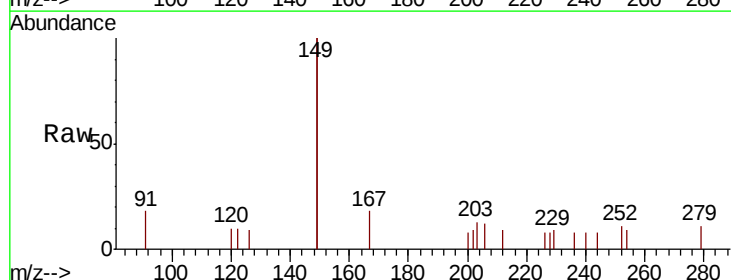
RT: 21.29 min Scan# 1624

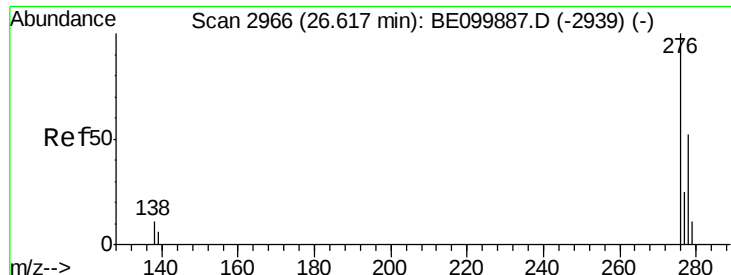
Delta R.T. 0.00 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Tgt Ion:	149	Resp:	1209
Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.9	8.9
279	2.2	1.2	1.8#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng

RT: 26.62 min Scan# 2967

Delta R.T. 0.00 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

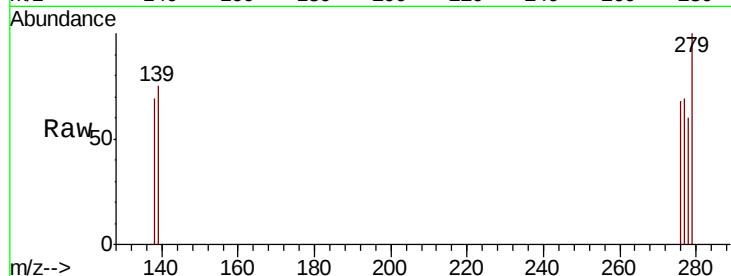
Instrument :

BNA_E

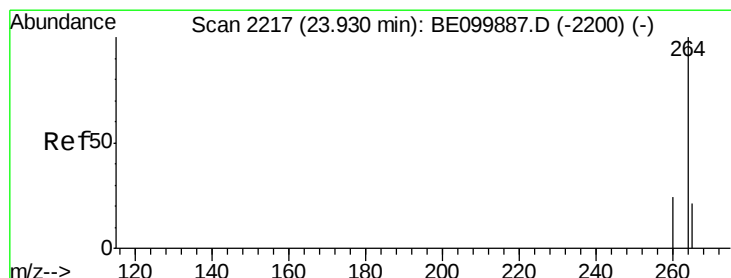
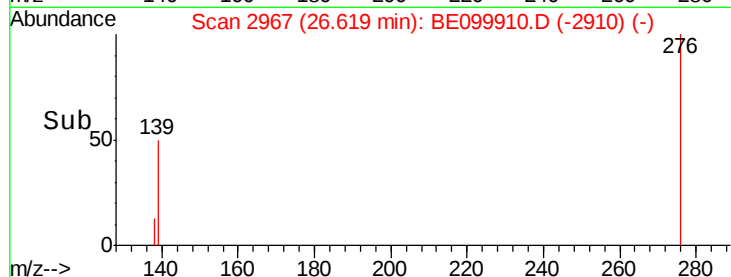
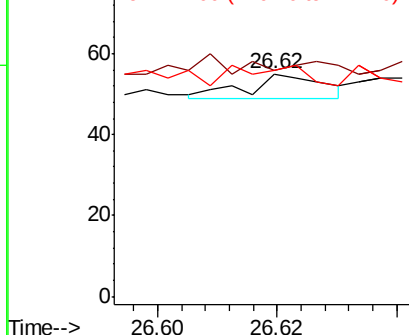
ClientSampleId :

RE120D2-20190606

Tgt Ion:	276	Resp:	5
Ion	Ratio	Lower	Upper
276	100		
138	100.0	10.1	15.1#
277	80.0	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

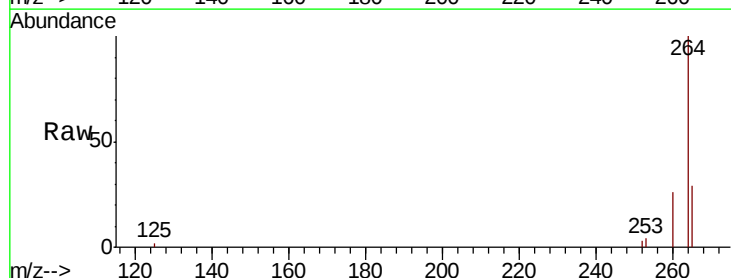
RT: 23.93 min Scan# 2217

Delta R.T. 0.00 min

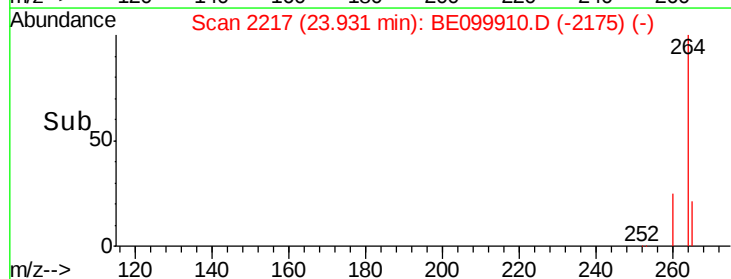
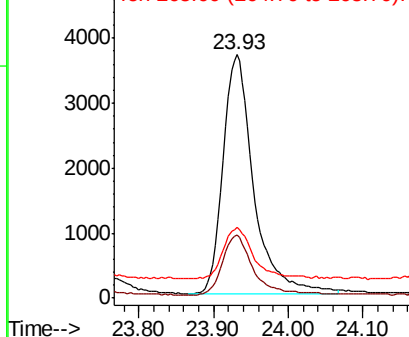
Lab File: BE099910.D

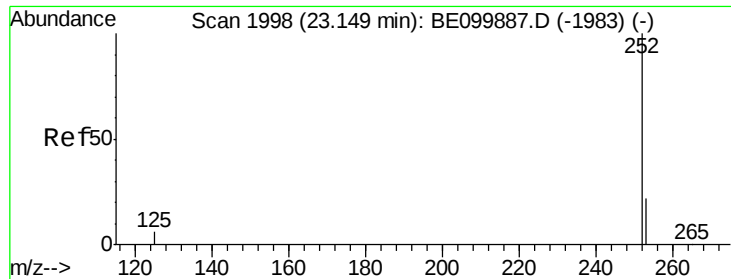
Acq: 11 Jun 2019 3:08

Tgt Ion:	264	Resp:	10466
Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.2	30.2
265	28.9	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: 0.001 ng

RT: 23.15 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606

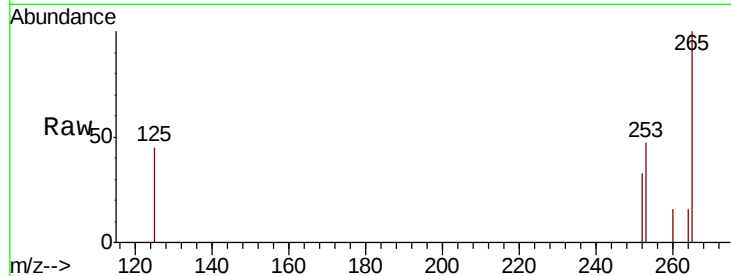
Tgt Ion:252 Resp: 43

Ion Ratio Lower Upper

252 100

253 144.8 18.7 28.1#

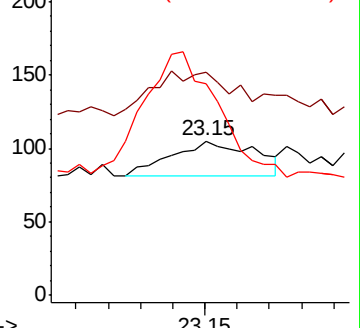
125 137.1 5.7 8.5#



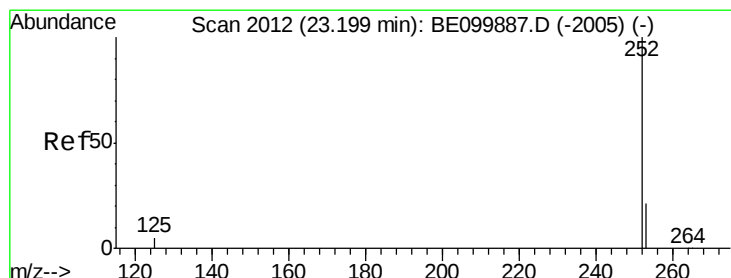
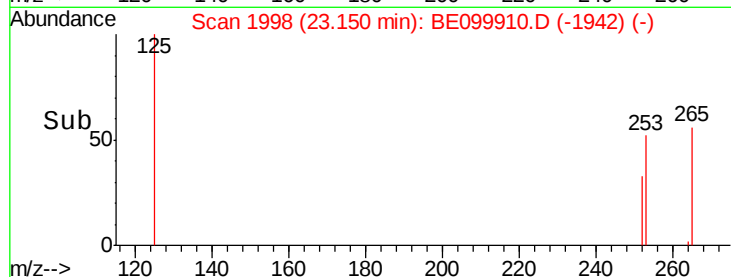
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#36

Benzo(k)fluoranthene

Concen: 0.001 ng

RT: 23.19 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

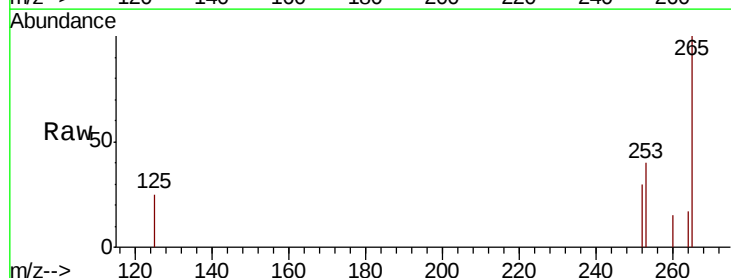
Tgt Ion:252 Resp: 19

Ion Ratio Lower Upper

252 100

253 132.0 18.6 28.0#

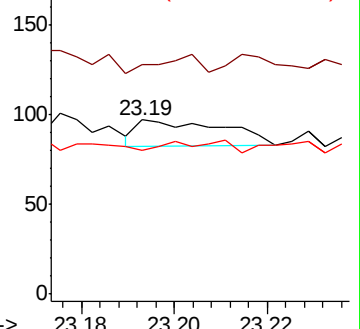
125 82.5 5.4 8.0#



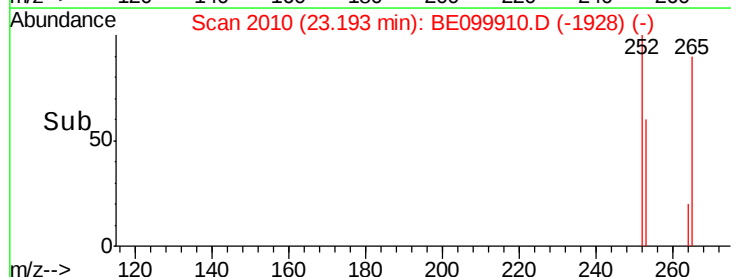
Abundance Ion 252.00 (251.70 to 252.70): E

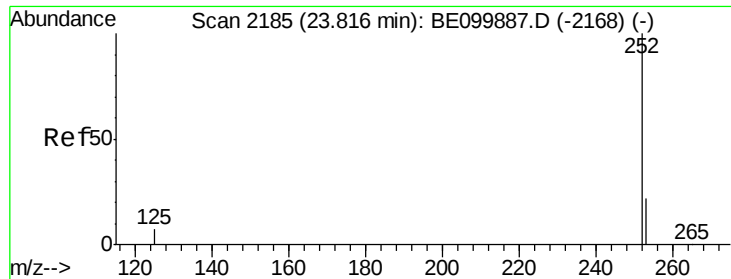
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#37

Benzo(a)pyrene

Concen: 0.000 ng

RT: 23.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606

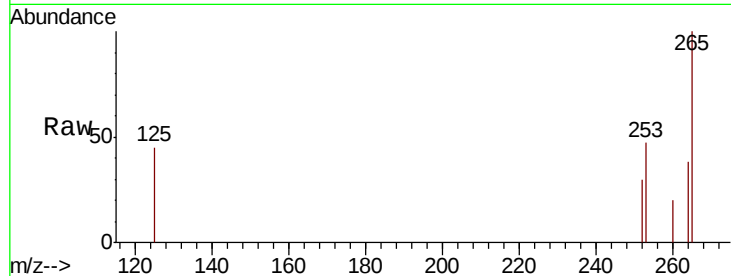
Tgt Ion: 252 Resp: 11

Ion Ratio Lower Upper

252 100

253 157.9 19.6 29.4#

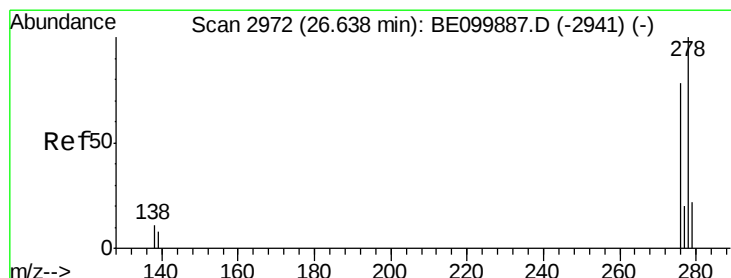
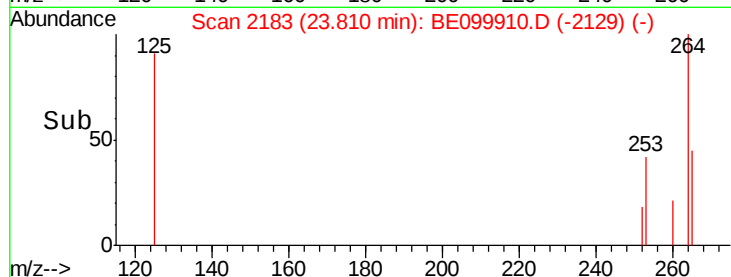
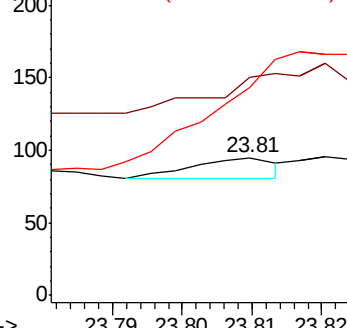
125 150.5 6.6 10.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.63 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BE099910.D

Acq: 11 Jun 2019 3:08

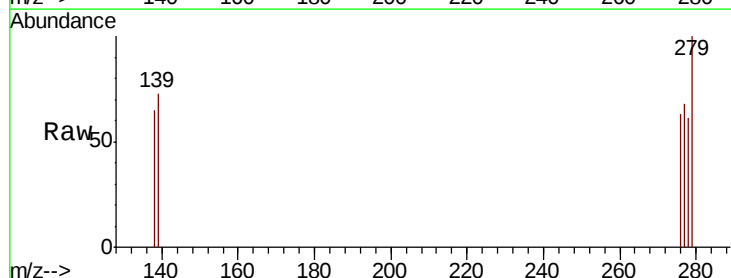
Tgt Ion: 278 Resp: 2

Ion Ratio Lower Upper

278 100

139 119.6 7.8 11.8#

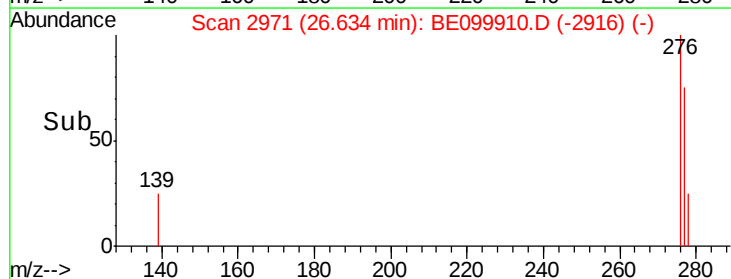
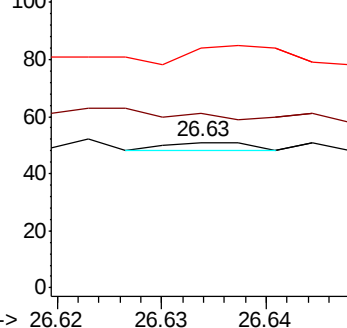
279 164.7 20.0 30.0#

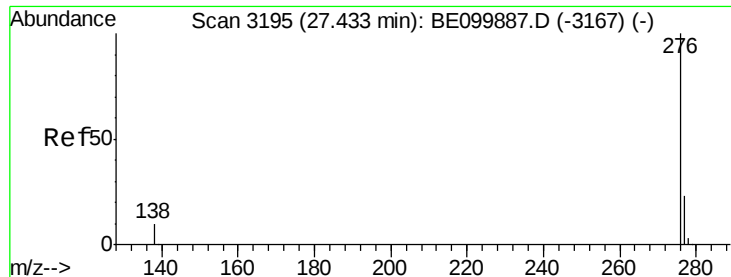


Abundance Ion 278.00 (277.70 to 278.70): E

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: 27.43 min Scan# 3194

Delta R.T. -0.00 min

Lab File: BE099910.D

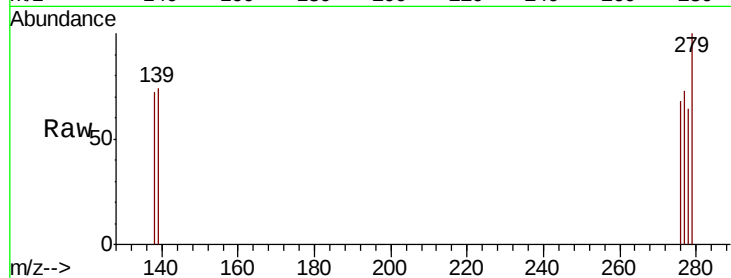
Acq: 11 Jun 2019 3:08

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606



Tgt Ion:	276	Resp:	5
Ion	Ratio	Lower	Upper
276	100		
277	107.5	19.5	29.3#
138	105.7	9.5	14.3#

