

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061019\
 Data File : BE099898.D
 Acq On : 10 Jun 2019 19:56
 Operator : JU/SJ
 Sample : K3203-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW100-190604

Quant Time: Jun 11 05:58:18 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	753	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2700	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2242	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	7184	0.40	ng	0.00
27) Chrysene-d12	21.39	240	10773	0.40	ng	-0.01
34) Perylene-d12	23.92	264	12316	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	394	0.19	ng	0.01
5) Phenol-d6	6.96	99	215	0.08	ng	0.00
8) Nitrobenzene-d5	8.96	82	811	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	1655	0.35	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	617	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	2905	0.34	ng	-0.01
25) Fluoranthene-d10	19.25	212	37216	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	9157	0.47	ng	-0.01

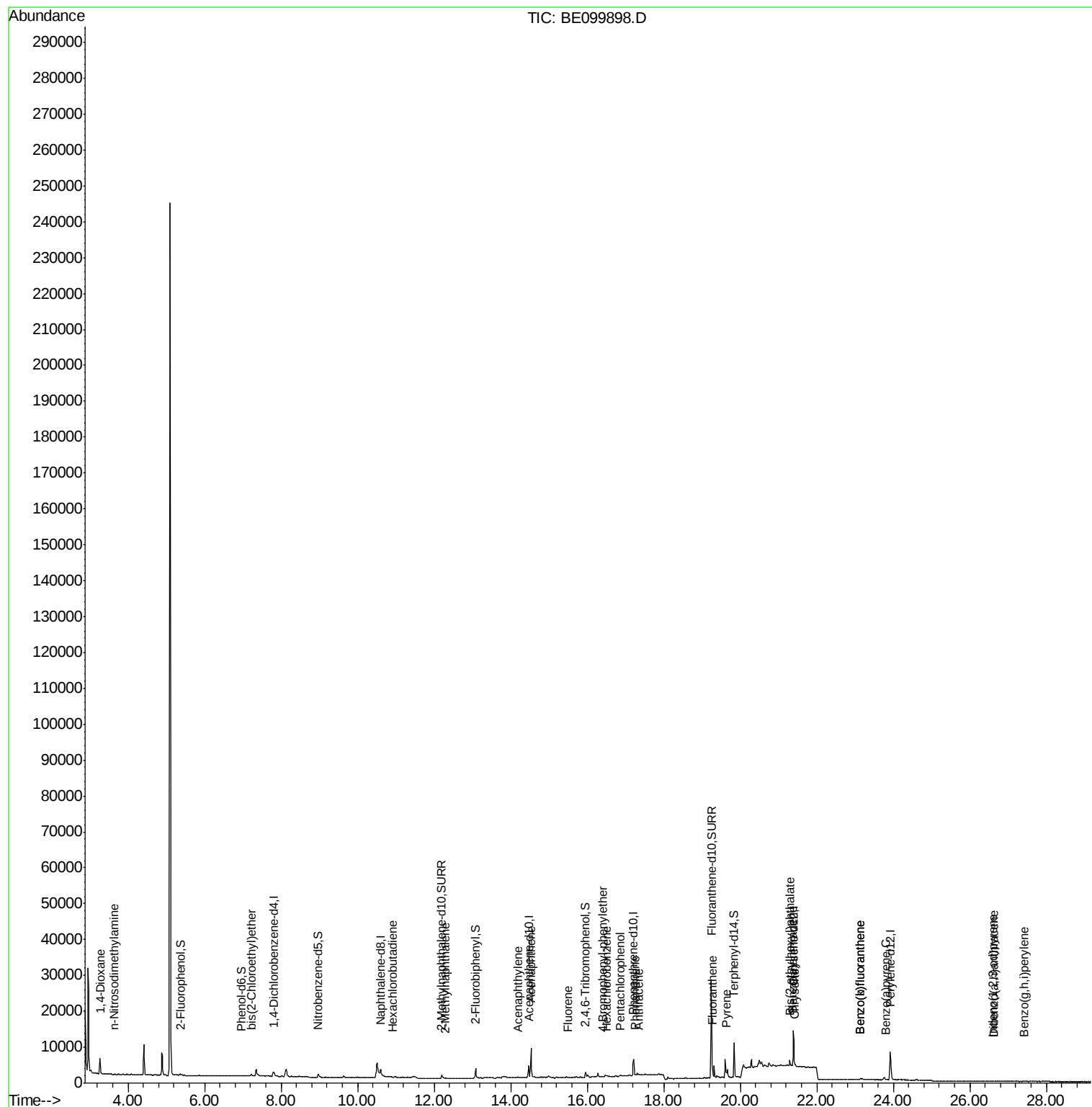
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	3812	3.420	ng	93
3) n-Nitrosodimethylamine	3.63	42	14	0.022	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	378	0.177	ng	# 68
10) Hexachlorobutadiene	10.91	225	2	0.001	ng	# 1
12) 2-Methylnaphthalene	12.28	142	59	0.012	ng	# 51
16) Acenaphthylene	14.18	152	93	0.008	ng	# 51
17) Acenaphthene	14.53	154	4098	0.675	ng	99
18) Fluorene	15.50	166	87	0.010	ng	# 51
20) 4-Bromophenyl-phenylether	16.40	248	2	0.000	ng	# 14
21) Hexachlorobenzene	16.50	284	8	0.002	ng	# 34
22) Pentachlorophenol	16.87	266	206	0.403	ng	92
23) Phenanthrene	17.25	178	302	0.017	ng	# 1
24) Anthracene	17.35	178	556	0.035	ng	# 88
26) Fluoranthene	19.28	202	1133	0.038	ng	# 91
28) Pyrene	19.64	202	1137	0.040	ng	# 82
30) Benzo(a)anthracene	21.38	228	311	0.010	ng	# 18
31) Chrysene	21.43	228	187	0.006	ng	# 2
32) Bis(2-ethylhexyl)phthalate	21.29	149	2156	0.047	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.60	276	56	0.001	ng	# 86
35) Benzo(b)fluoranthene	23.14	252	250	0.007	ng	# 1
36) Benzo(k)fluoranthene	23.14	252	250	0.007	ng	# 1
37) Benzo(a)pyrene	23.81	252	134	0.004	ng	# 1
38) Dibenzo(a,h)anthracene	26.62	278	6	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.43	276	54	0.002	ng	# 1

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

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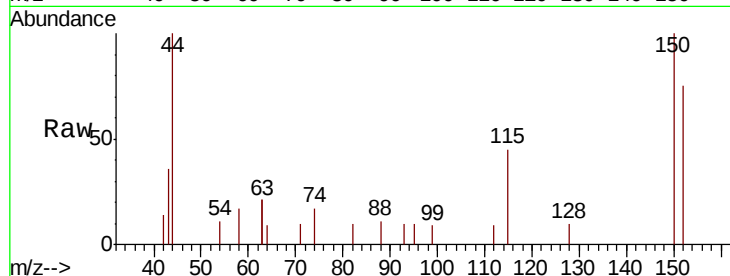


#1

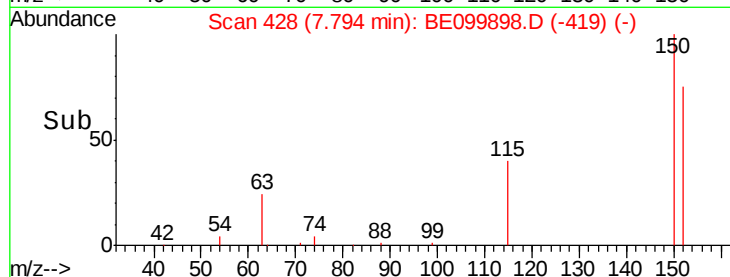
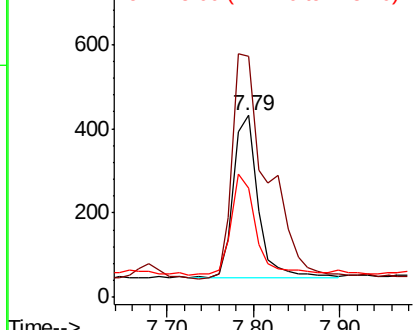
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099898.D
Acq: 10 Jun 2019 19:56

Instrument :
BNA_E
ClientSampleId :
SS043MW100-190604

Tgt Ion: 152 Resp: 753
Ion Ratio Lower Upper
152 100
150 132.9 111.0 166.6
115 60.3 50.7 76.1



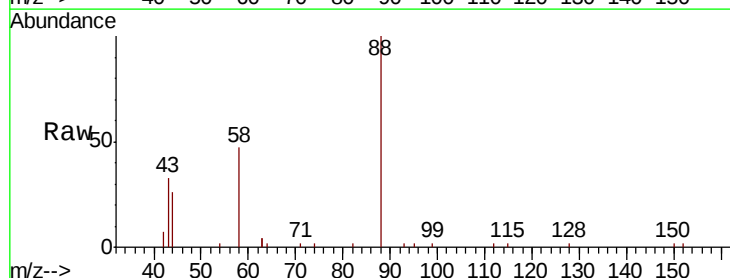
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



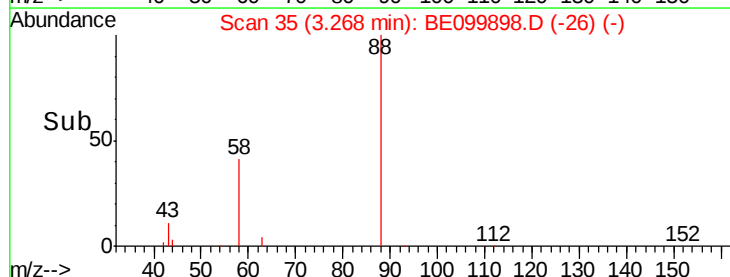
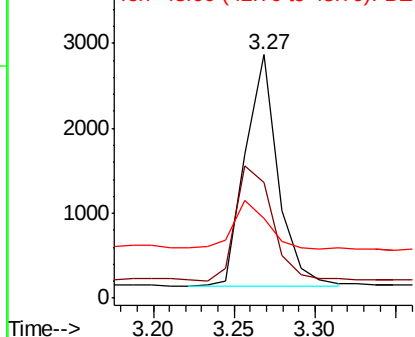
#2

1,4-Dioxane
Concen: 3.420 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099898.D
Acq: 10 Jun 2019 19:56

Tgt Ion: 88 Resp: 3812
Ion Ratio Lower Upper
88 100
58 55.0 48.8 73.2
43 21.0 19.0 28.6



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.022 ng

RT: 3.63 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

SS043MW100-190604

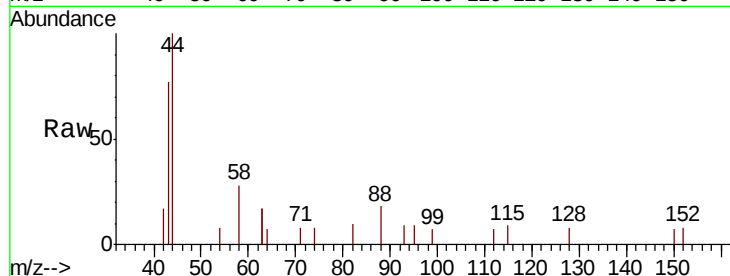
Tgt Ion: 42 Resp: 14

Ion Ratio Lower Upper

42 100

74 64.3 0.0 0.0#

44 350.0 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

800

600

400

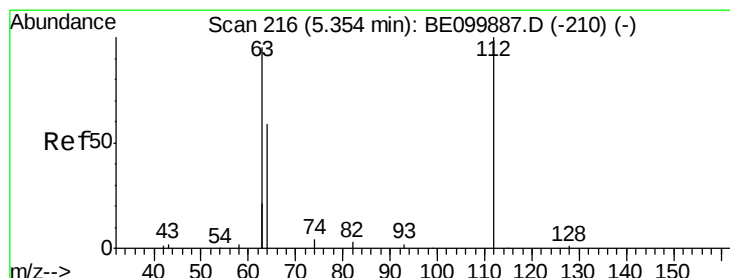
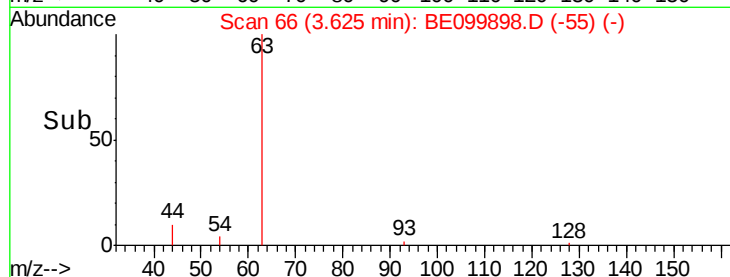
200

0

3.58 3.60 3.62 3.64 3.66

3.63

Time-->



#4

2-Fluorophenol

Concen: 0.194 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

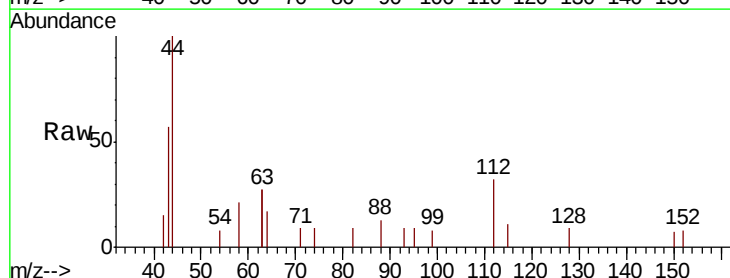
Tgt Ion: 112 Resp: 394

Ion Ratio Lower Upper

112 100

64 38.3 44.1 66.1#

63 72.8 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

400

300

200

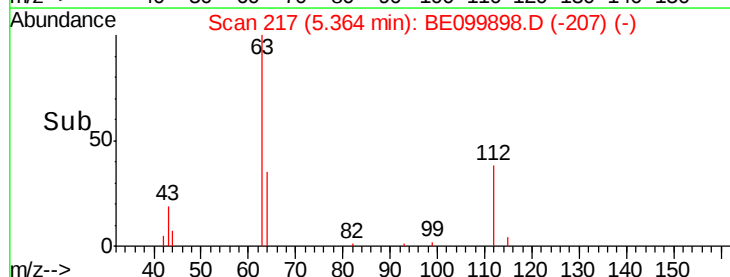
100

0

5.30 5.40 5.50 5.60

5.36

Time-->





#5

Phenol-d6

Concen: 0.082 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

SS043MW100-190604

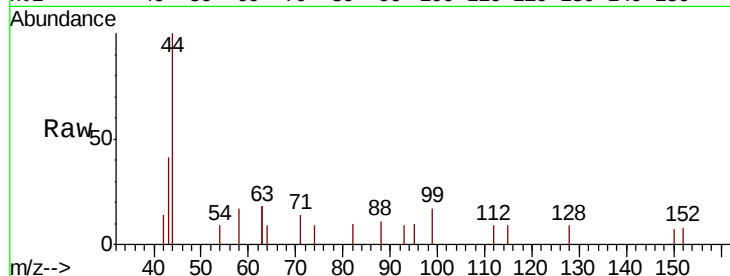
Tgt Ion: 99 Resp: 215

Ion Ratio Lower Upper

99 100

42 20.5 15.9 23.9

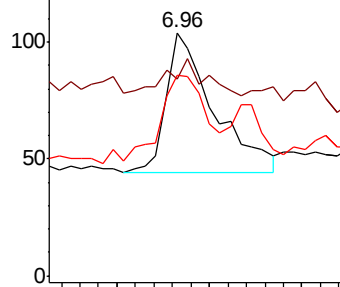
71 62.8 34.6 52.0#



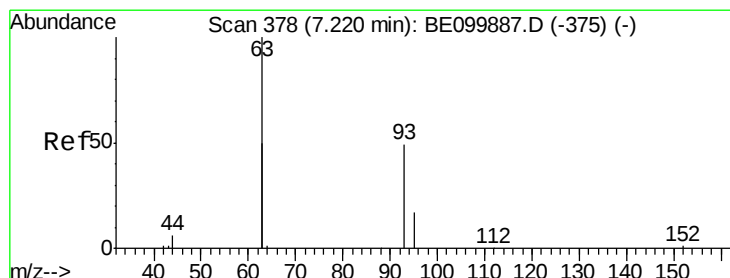
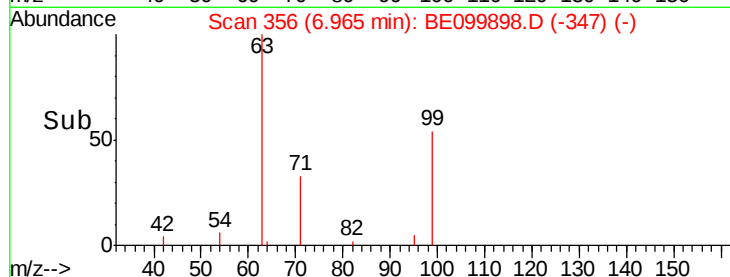
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.177 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

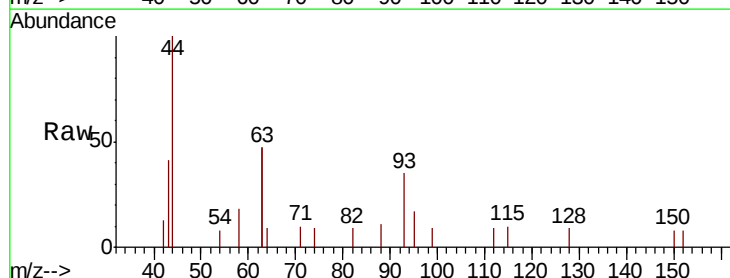
Tgt Ion: 93 Resp: 378

Ion Ratio Lower Upper

93 100

63 190.5 202.8 304.2#

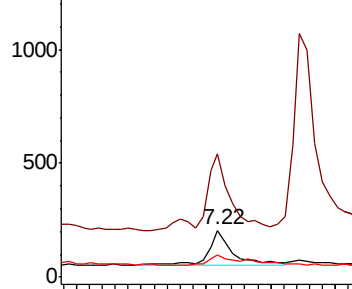
95 29.4 23.7 35.5



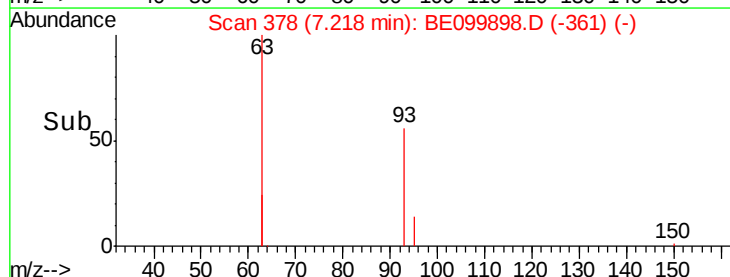
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

Instrument :

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Tgt Ion:136 Resp: 2700

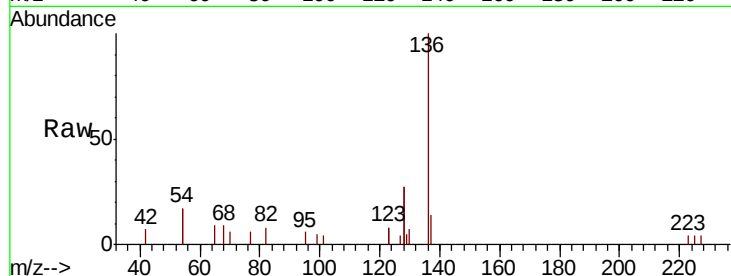
Ion Ratio Lower Upper

136 100

137 14.1 12.3 18.5

54 33.6 28.2 42.4

68 9.5 7.8 11.8

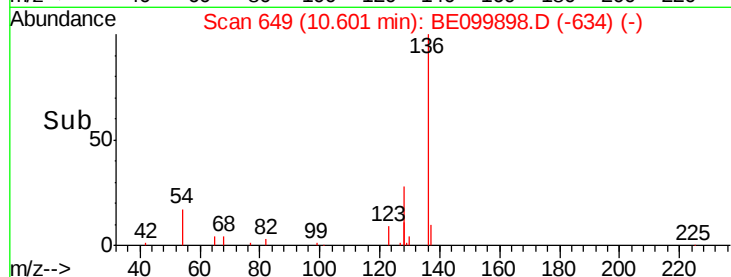
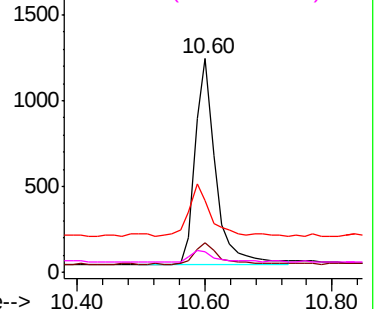


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.317 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

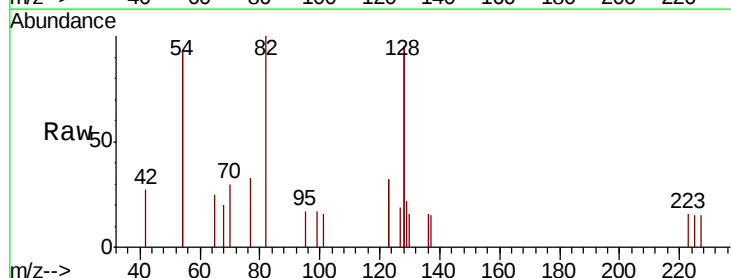
Tgt Ion: 82 Resp: 811

Ion Ratio Lower Upper

82 100

128 190.8 137.3 205.9

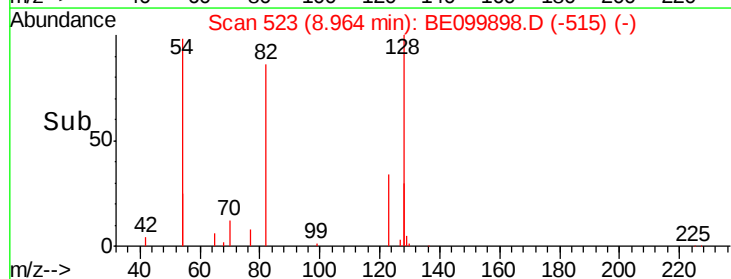
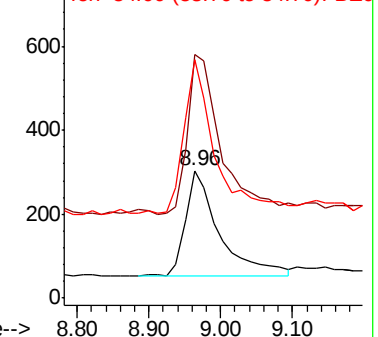
54 186.8 129.7 194.5

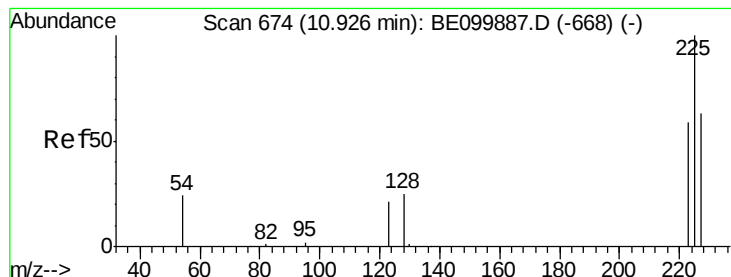


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.01 min

Lab File: BE099898.D

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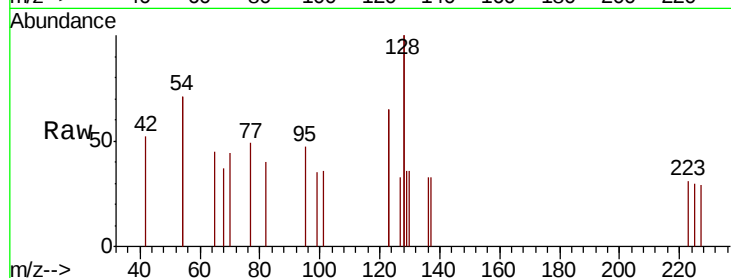
Tgt Ion: 225 Resp: 2

Ion Ratio Lower Upper

225 100

223 200.0 51.6 77.4#

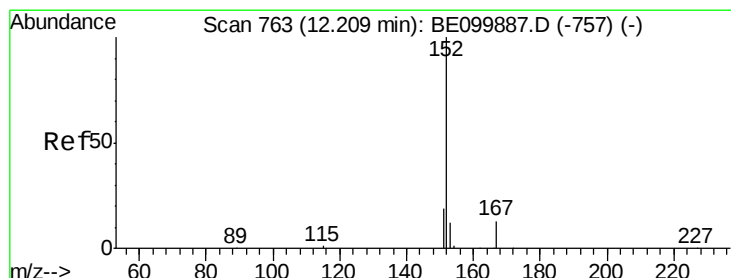
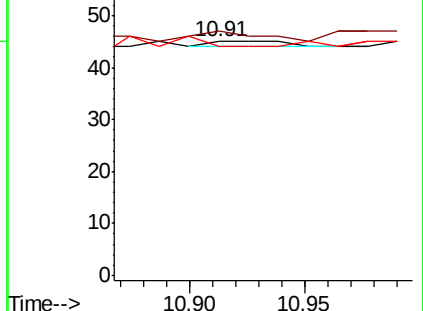
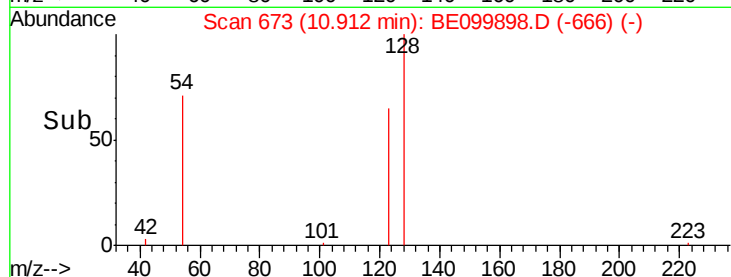
227 0.0 50.6 76.0#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.351 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE099898.D

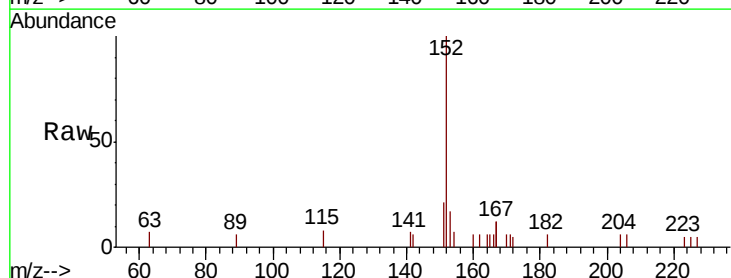
Acq: 10 Jun 2019 19:56

Tgt Ion: 152 Resp: 1655

Ion Ratio Lower Upper

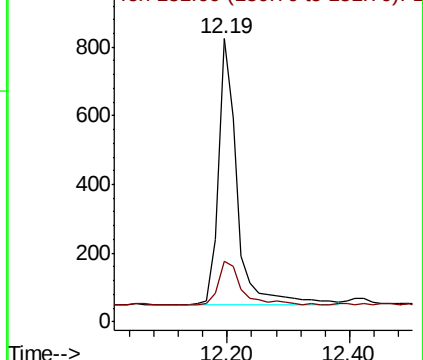
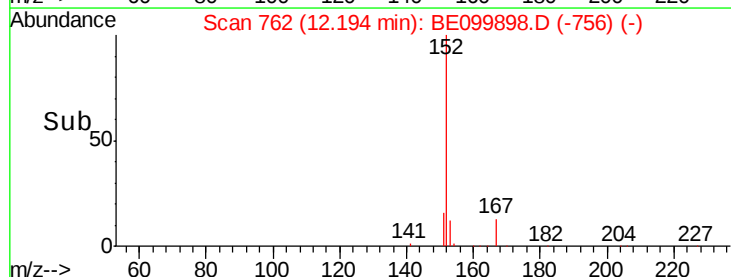
152 100

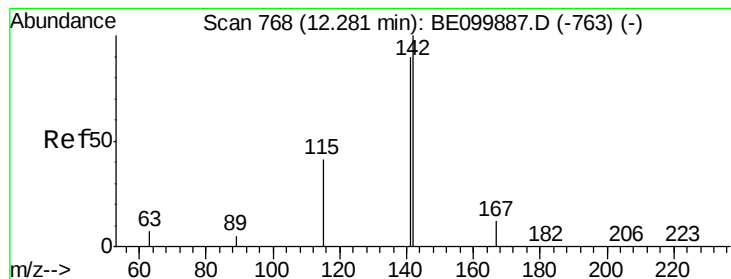
151 19.6 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.012 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

Instrument :

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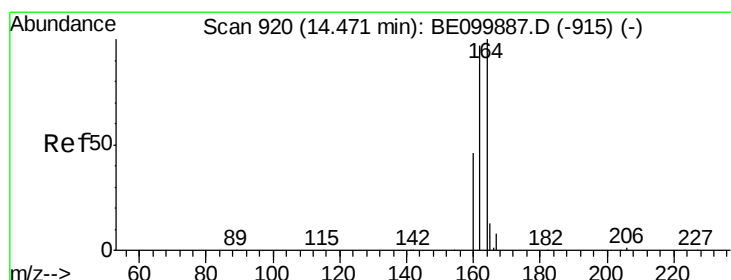
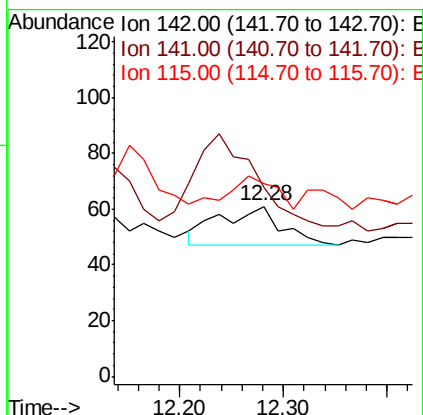
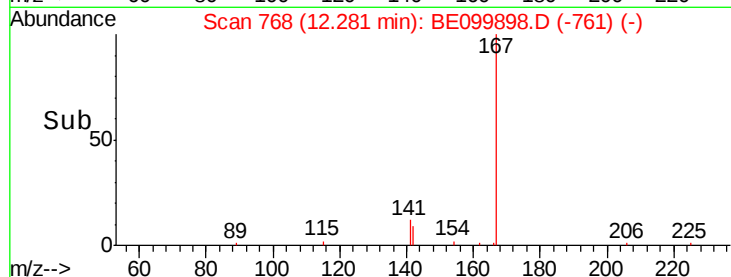
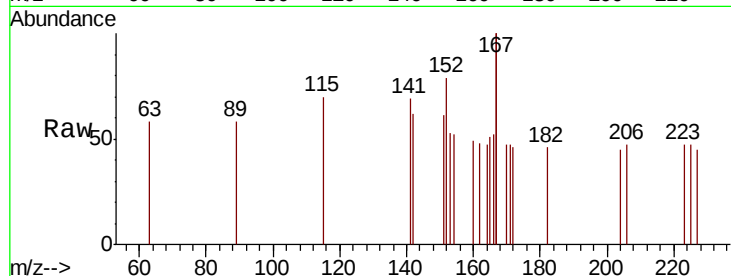
Tgt Ion:142 Resp: 59

Ion Ratio Lower Upper

142 100

141 111.5 72.3 108.5#

115 113.1 36.4 54.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

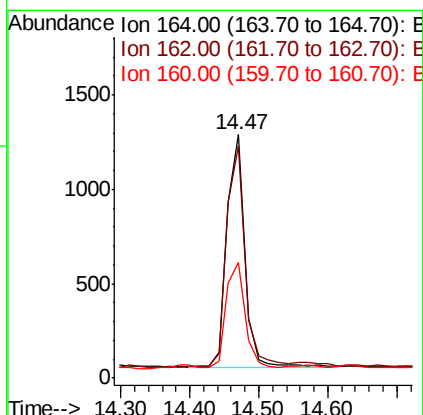
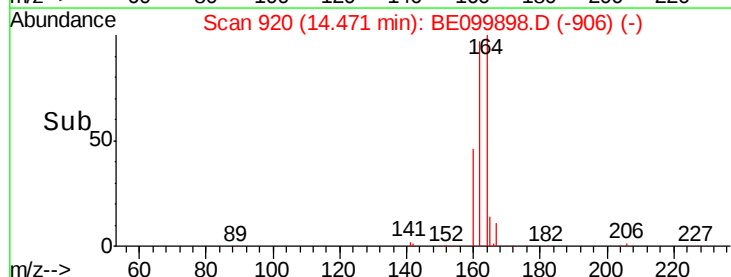
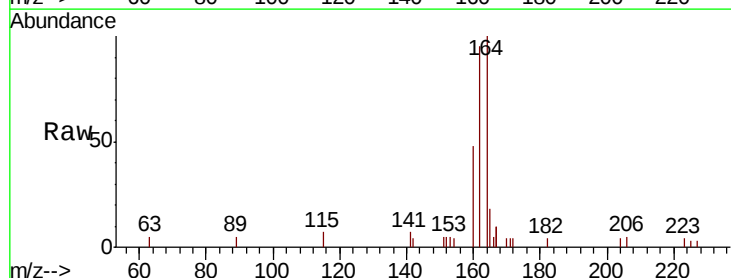
Tgt Ion:164 Resp: 2242

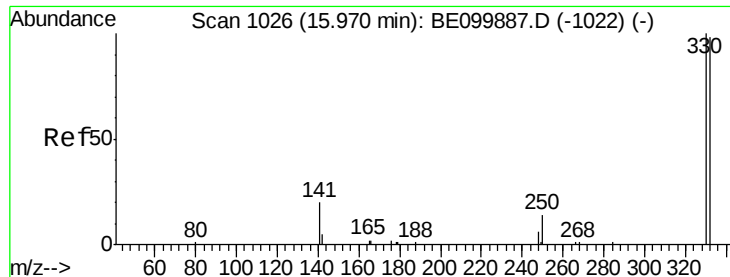
Ion Ratio Lower Upper

164 100

162 95.4 77.8 116.8

160 47.7 38.2 57.4

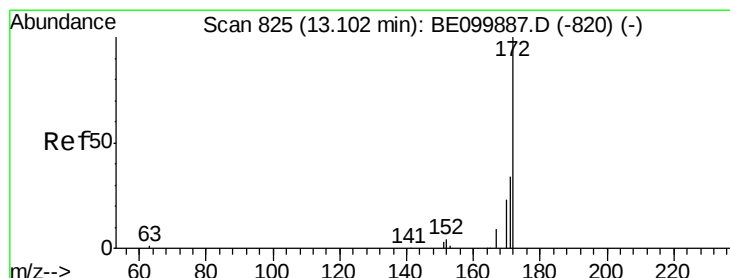
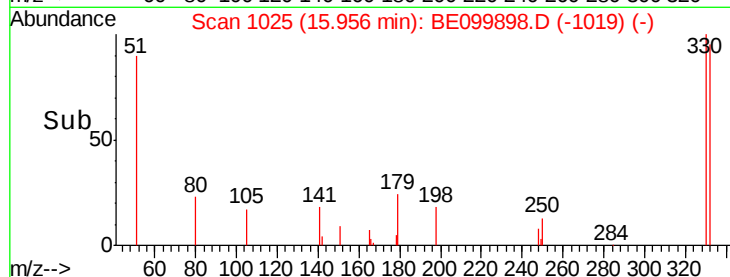
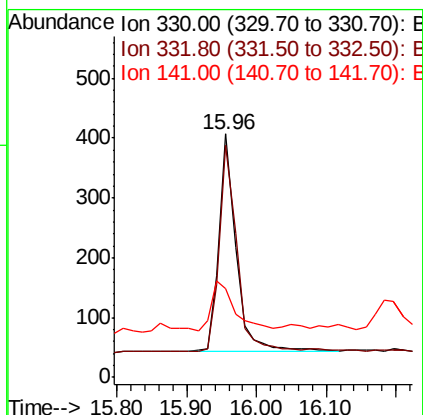
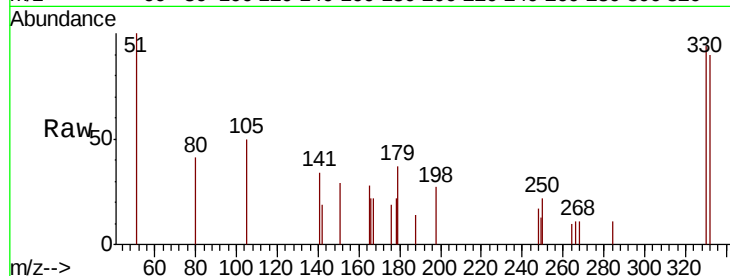




#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE099898.D
Acq: 10 Jun 2019 19:56

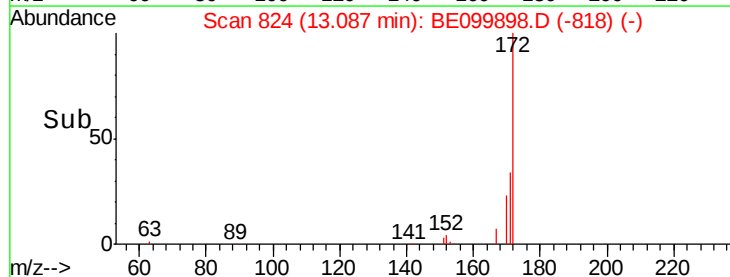
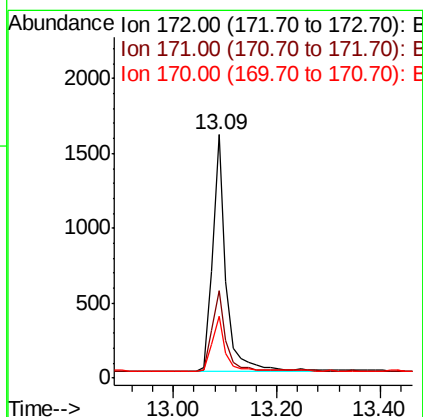
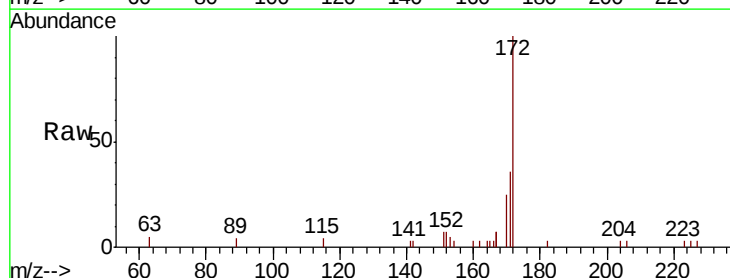
Instrument :
BNA_E
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SS043MW100-190604

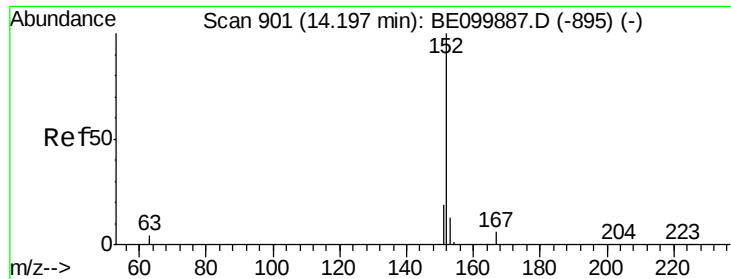
Tgt Ion: 330 Resp: 617
Ion Ratio Lower Upper
330 100
332 99.8 76.7 115.1
141 32.4 21.0 31.6#



#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099898.D
Acq: 10 Jun 2019 19:56

Tgt Ion: 172 Resp: 2905
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 25.3 21.2 31.8

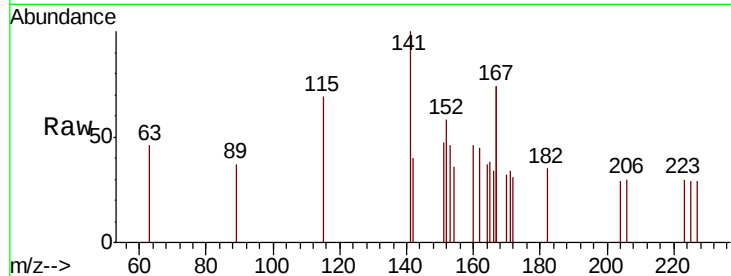




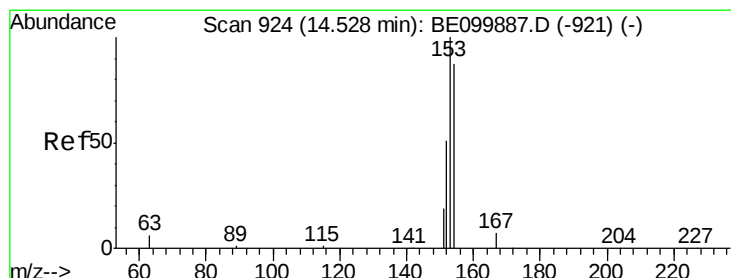
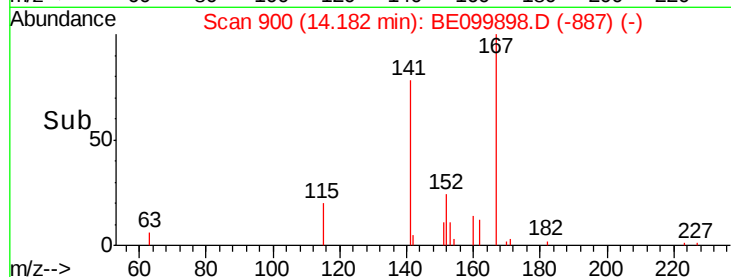
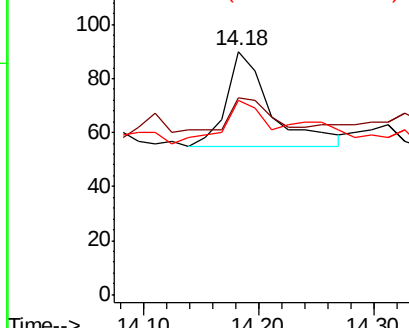
#16
Acenaphthylene
Concen: 0.008 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099898.D
Acq: 10 Jun 2019 19:56

Instrument :
BNA_E
ClientSampleId :
SS043MW100-190604

Tgt Ion:152 Resp: 93
Ion Ratio Lower Upper
152 100
151 31.2 15.5 23.3#
153 46.2 10.2 15.2#

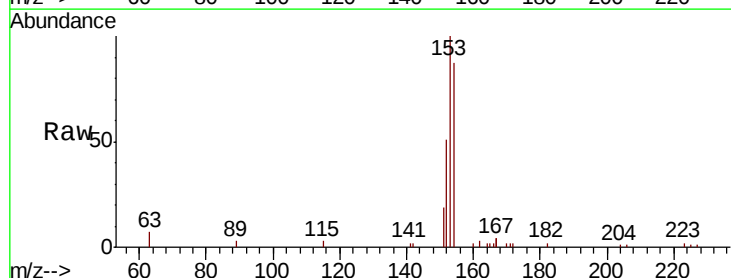


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

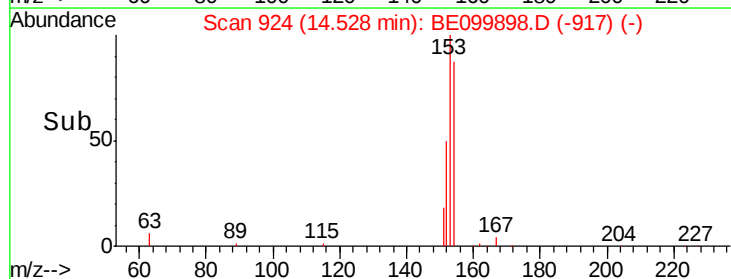
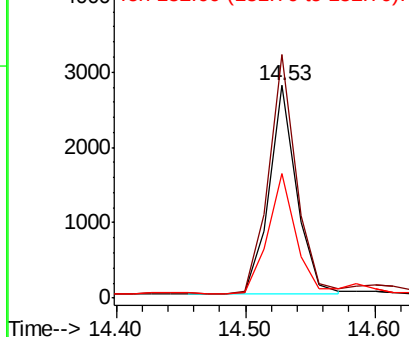


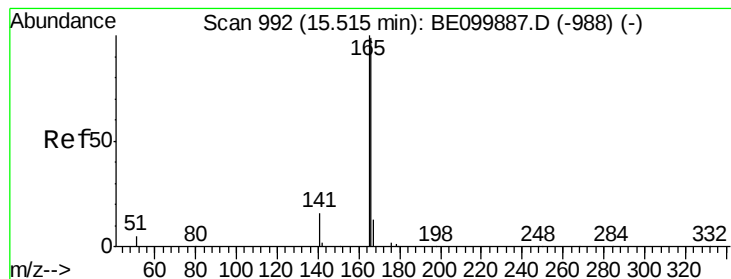
#17
Acenaphthene
Concen: 0.675 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE099898.D
Acq: 10 Jun 2019 19:56

Tgt Ion:154 Resp: 4098
Ion Ratio Lower Upper
154 100
153 115.6 93.1 139.7
152 59.3 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: 0.010 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.01 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

SS043MW100-190604

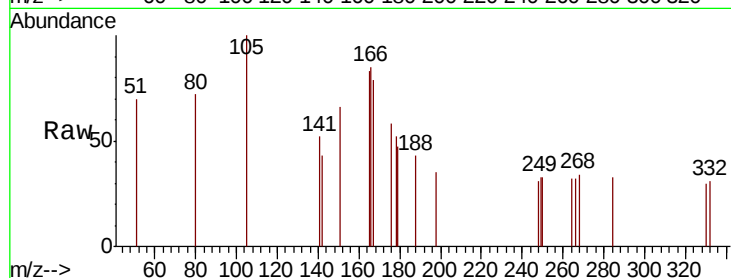
Tgt Ion:166 Resp: 87

Ion Ratio Lower Upper

166 100

165 87.4 81.8 122.8

167 136.8 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

15.50

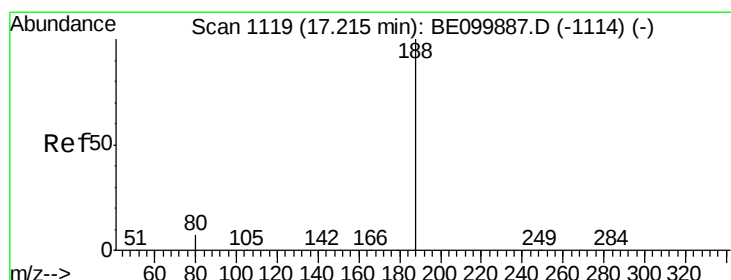
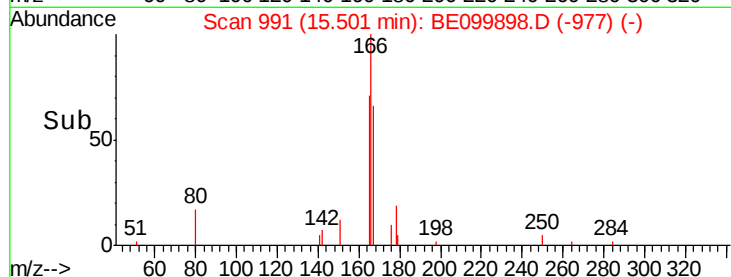
100

50

0

15.45 15.50 15.55

Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

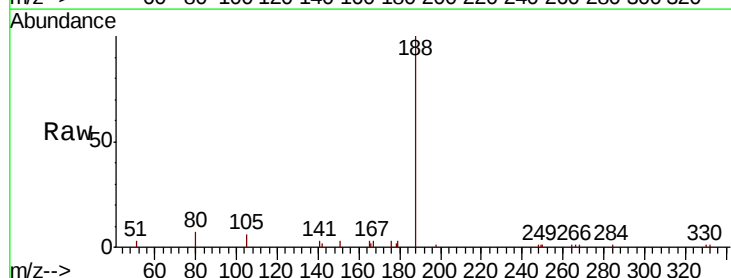
Tgt Ion:188 Resp: 7184

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.3 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

17.21

6000

5000

4000

3000

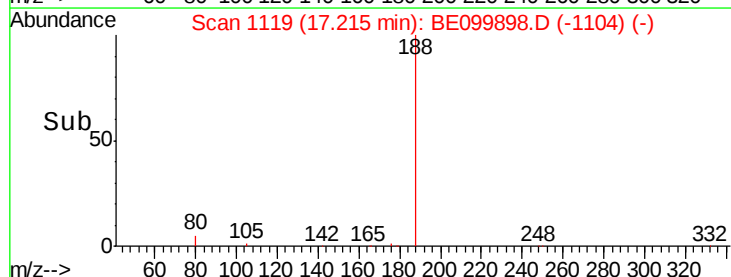
2000

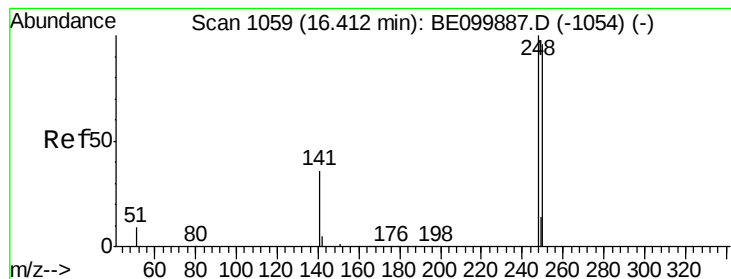
1000

0

17.20 17.30

Time-->





#20

4-Bromophenyl-phenylether

Concen: 0.000 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

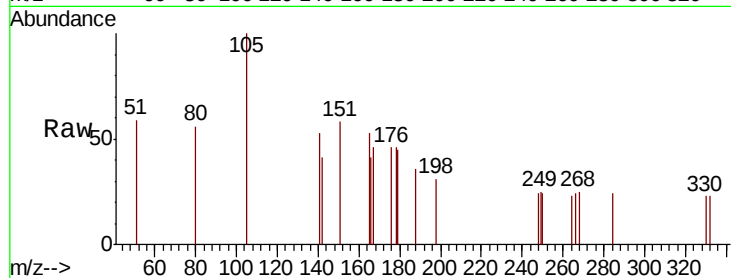
Instrument :

BNA_E

ClientSampleId :

SS043MW100-190604

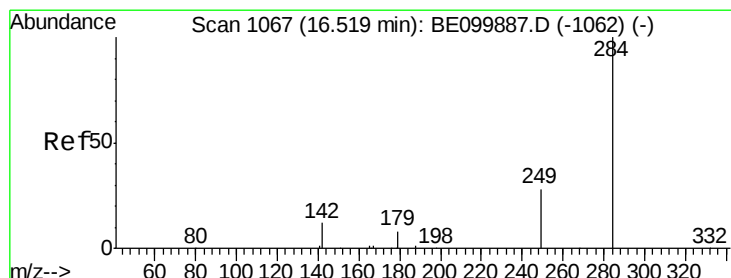
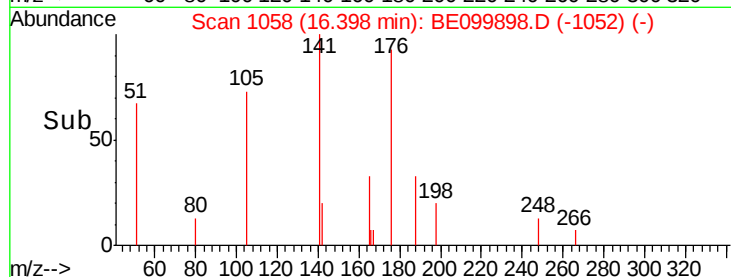
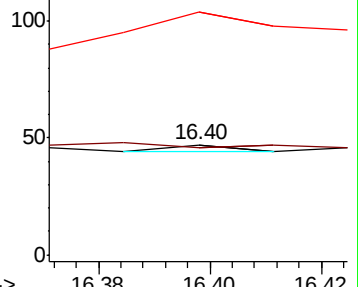
Tgt Ion:	248	Resp:	2
Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.5	116.3
141	221.3	31.8	47.8#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#21

Hexachlorobenzene

Concen: 0.002 ng

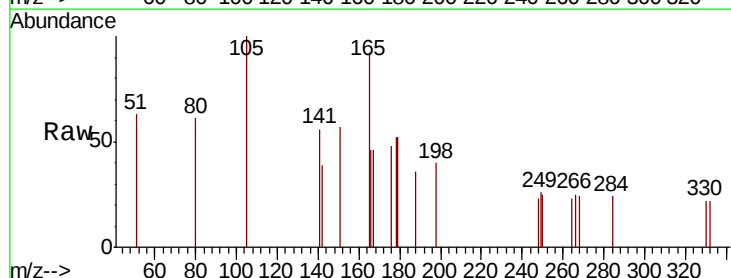
RT: 16.50 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

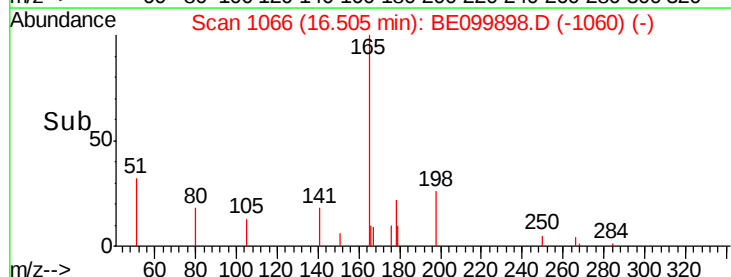
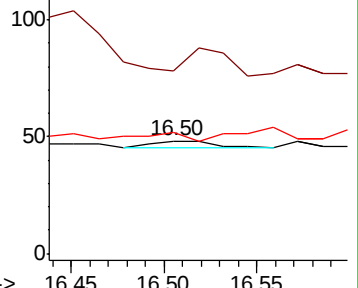
Tgt Ion:	284	Resp:	8
Ion	Ratio	Lower	Upper
284	100		
142	0.0	18.2	27.4#
249	75.0	24.6	37.0#

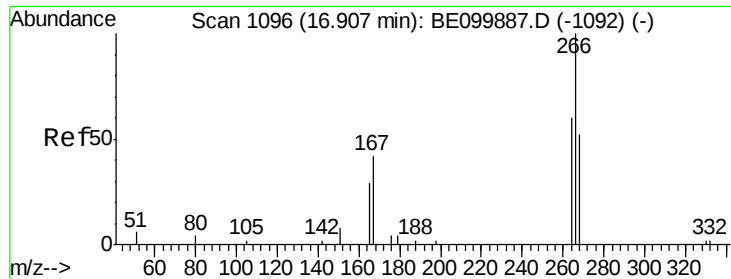


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

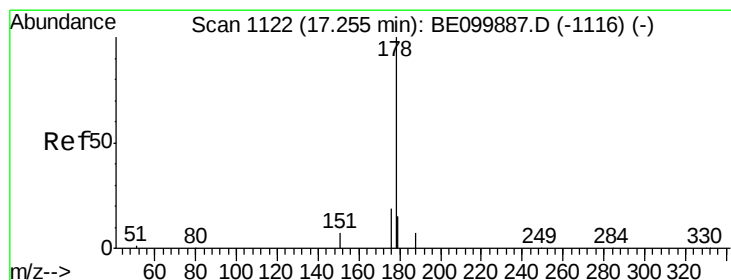
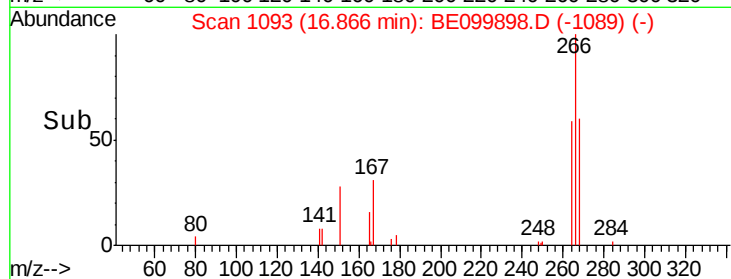
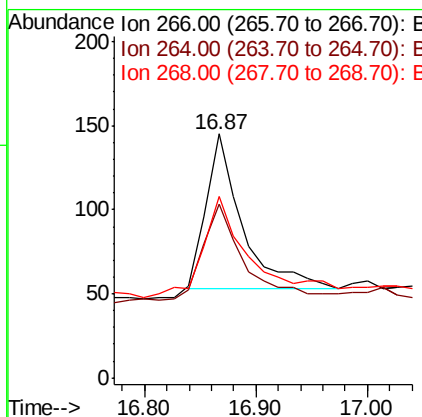
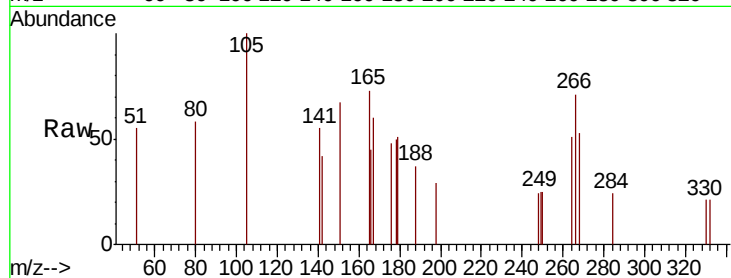




#22
 Pentachlorophenol
 Concen: 0.403 ng
 RT: 16.87 min Scan# 1093
 Delta R.T. -0.04 min
 Lab File: BE099898.D
 Acq: 10 Jun 2019 19:56

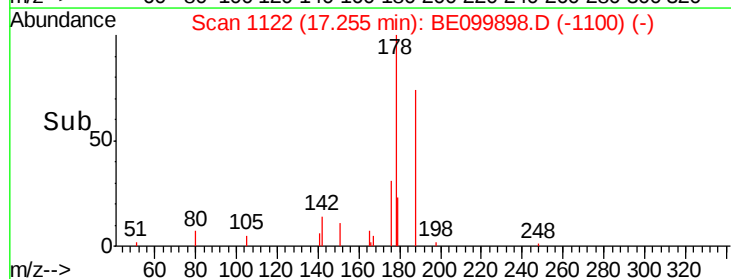
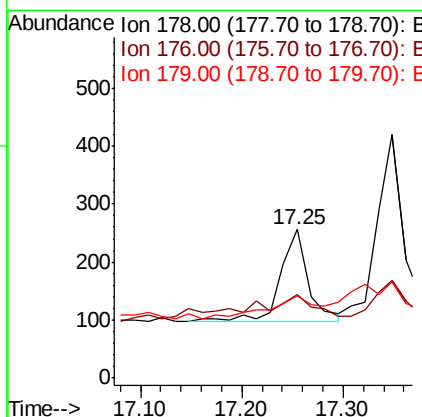
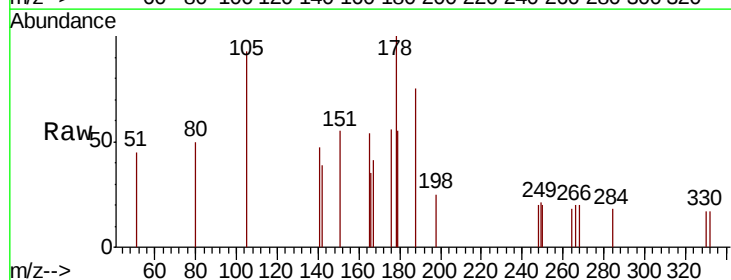
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW100-190604

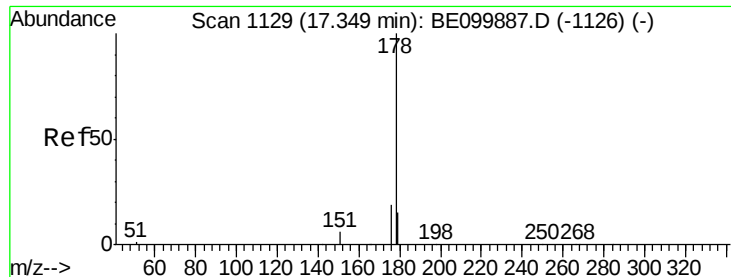
Tgt Ion: 266 Resp: 206
 Ion Ratio Lower Upper
 266 100
 264 71.0 62.2 93.2
 268 74.5 65.5 98.3



#23
 Phenanthrene
 Concen: 0.017 ng
 RT: 17.25 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BE099898.D
 Acq: 10 Jun 2019 19:56

Tgt Ion: 178 Resp: 302
 Ion Ratio Lower Upper
 178 100
 176 84.8 15.8 23.8#
 179 42.1 12.4 18.6#





#24

Anthracene

Concen: 0.035 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

SS043MW100-190604

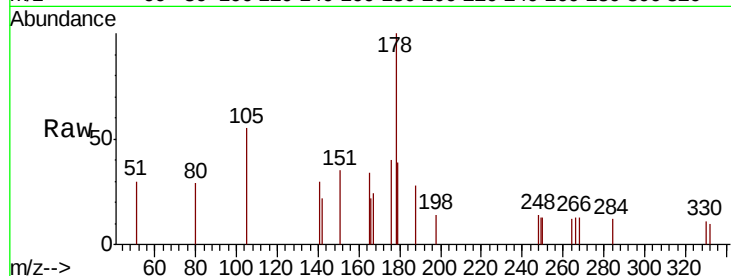
Tgt Ion:178 Resp: 556

Ion Ratio Lower Upper

178 100

176 24.6 14.6 22.0#

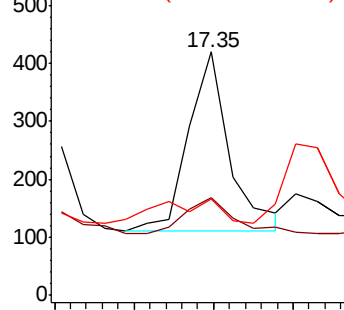
179 19.6 12.3 18.5#



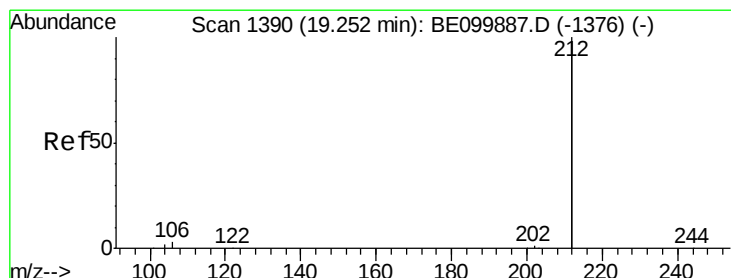
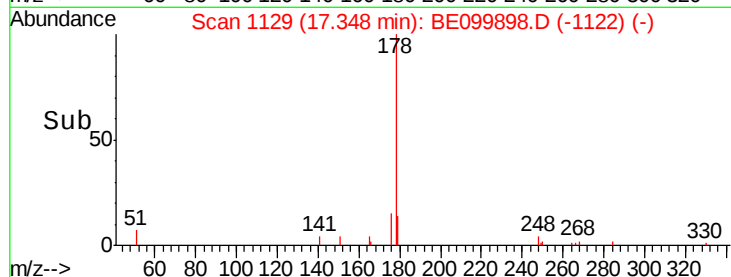
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.25 17.30 17.35 17.40



#25

Fluoranthene-d10

Concen: 0.356 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

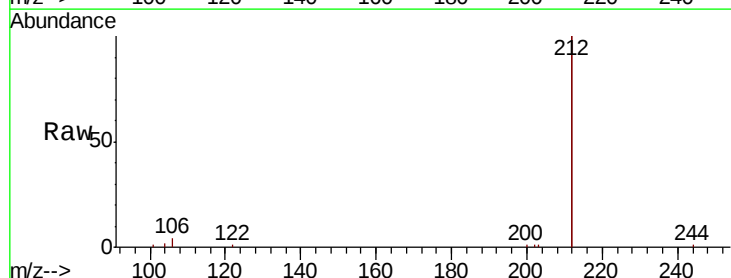
Tgt Ion:212 Resp: 37216

Ion Ratio Lower Upper

212 100

106 2.0 1.4 2.2

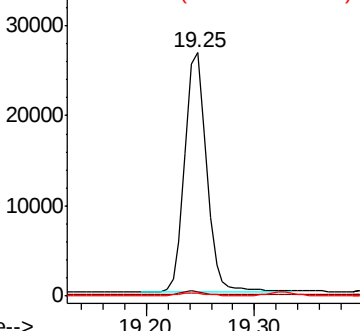
104 1.1 0.9 1.3



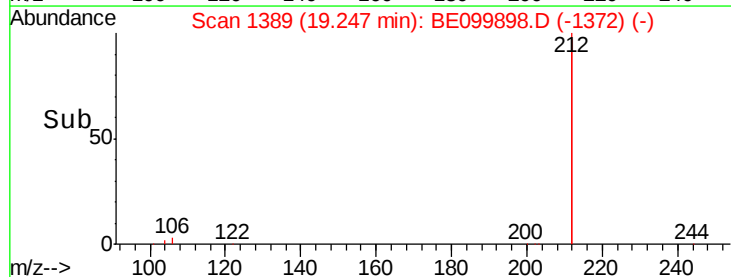
Abundance Ion 212.00 (211.70 to 212.70): E

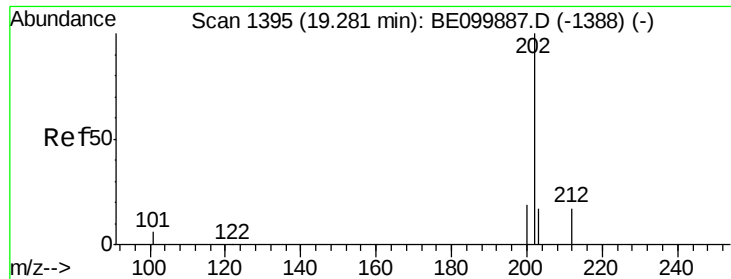
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 19.20 19.30

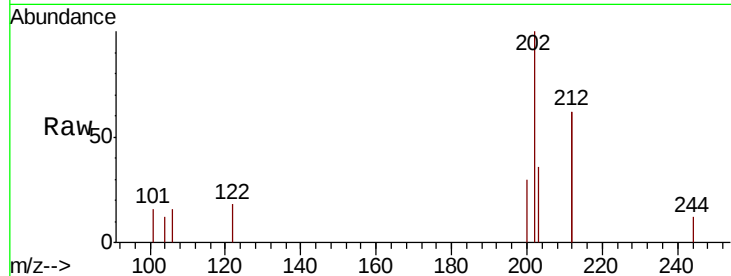




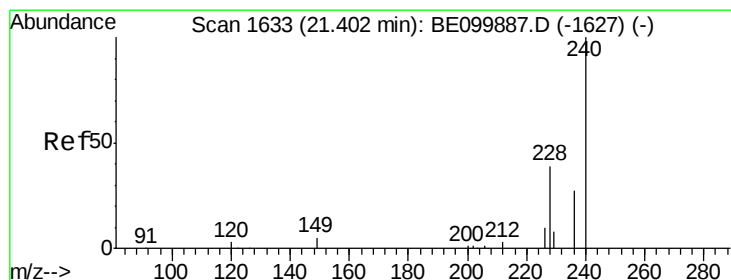
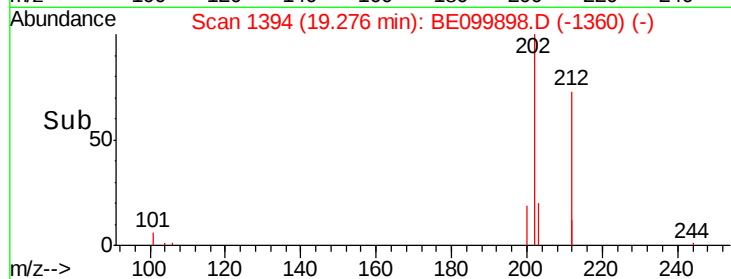
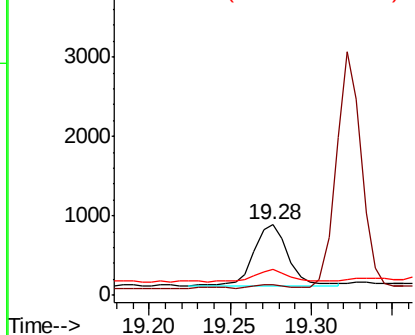
#26
 Fluoranthene
 Concen: 0.038 ng
 RT: 19.28 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BE099898.D
 Acq: 10 Jun 2019 19:56

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW100-190604

Tgt Ion: 202 Resp: 1133
 Ion Ratio Lower Upper
 202 100
 101 9.6 5.4 8.0#
 203 20.5 13.2 19.8#

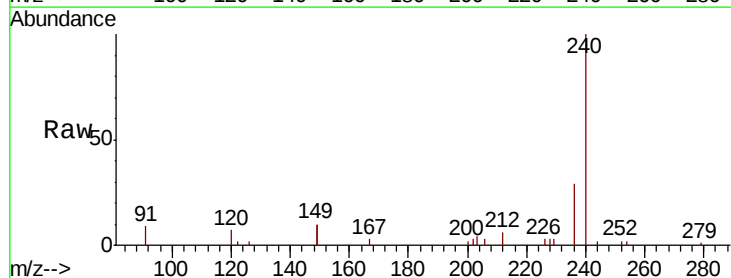


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

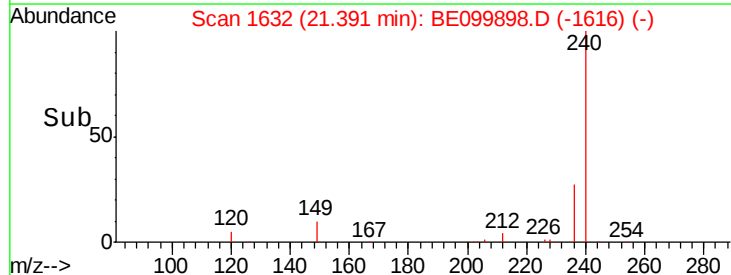
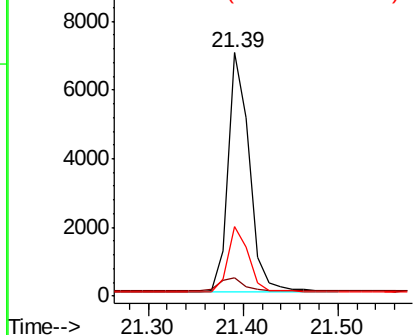


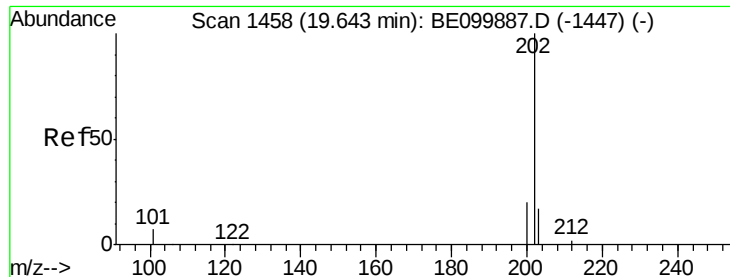
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE099898.D
 Acq: 10 Jun 2019 19:56

Tgt Ion: 240 Resp: 10773
 Ion Ratio Lower Upper
 240 100
 120 7.5 3.8 5.6#
 236 28.6 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: 0.040 ng

RT: 19.64 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

SS043MW100-190604

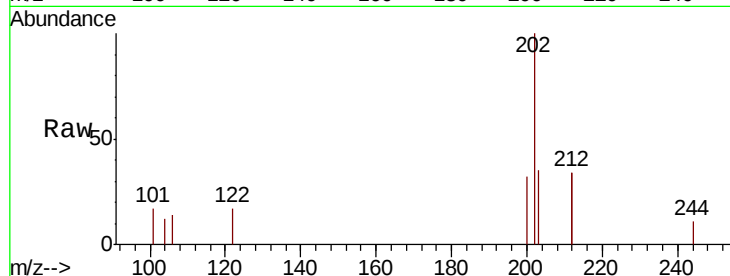
Tgt Ion:202 Resp: 1137

Ion Ratio Lower Upper

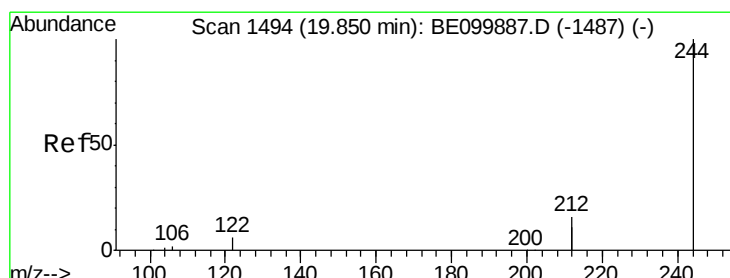
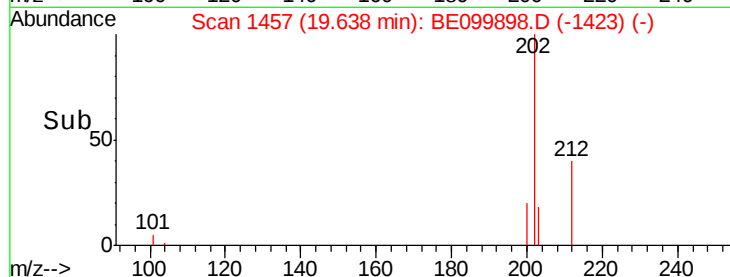
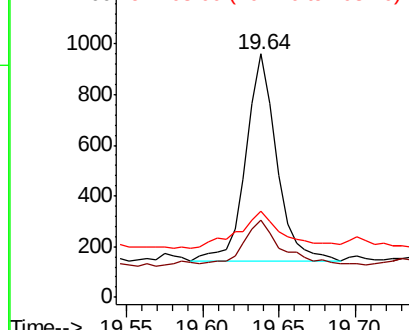
202 100

200 28.1 15.5 23.3#

203 24.6 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: 0.472 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

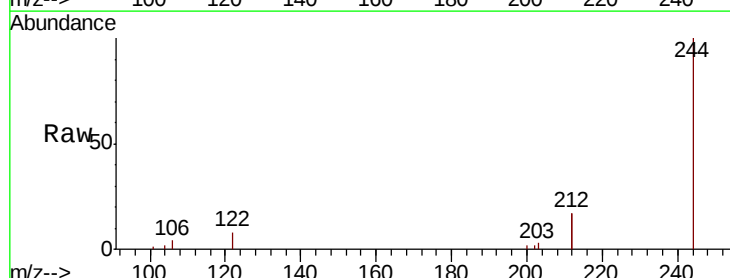
Tgt Ion:244 Resp: 9157

Ion Ratio Lower Upper

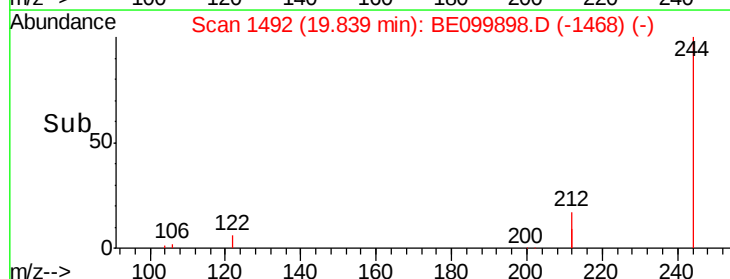
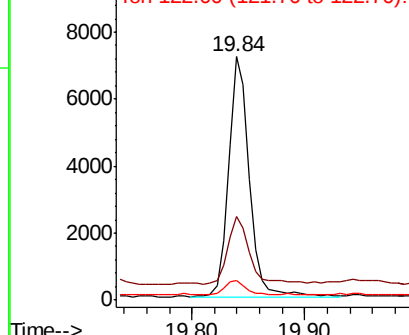
244 100

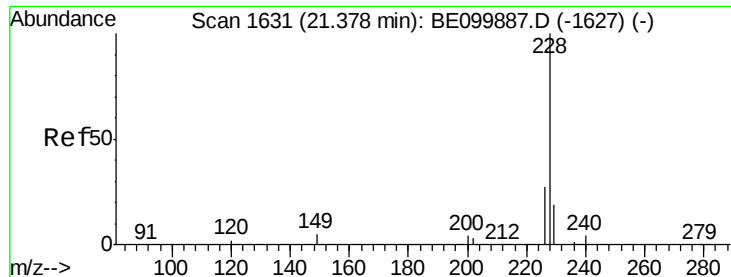
212 34.1 25.7 38.5

122 7.8 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: 0.010 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

SS043MW100-190604

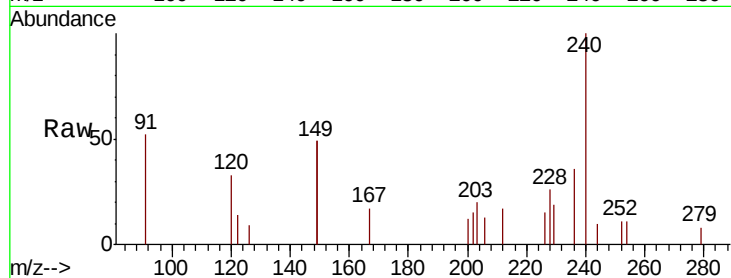
Tgt Ion:228 Resp: 311

Ion Ratio Lower Upper

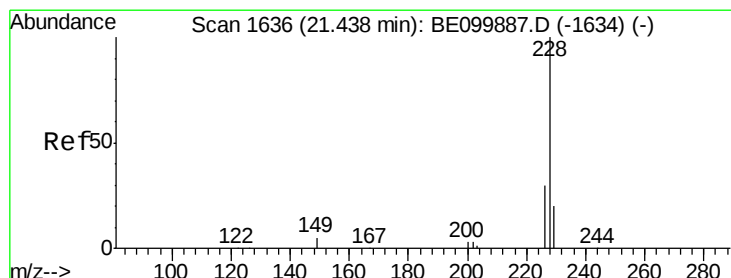
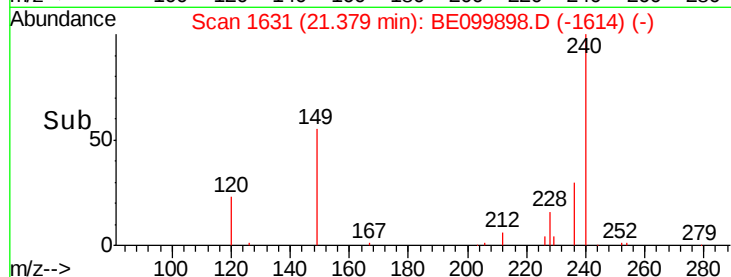
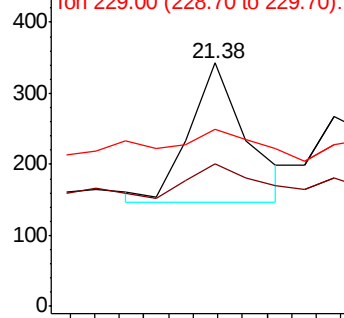
228 100

226 58.6 22.5 33.7#

229 72.9 15.9 23.9#



Abundance Ion 228.00 (227.70 to 228.70): E



#31

Chrysene

Concen: 0.006 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

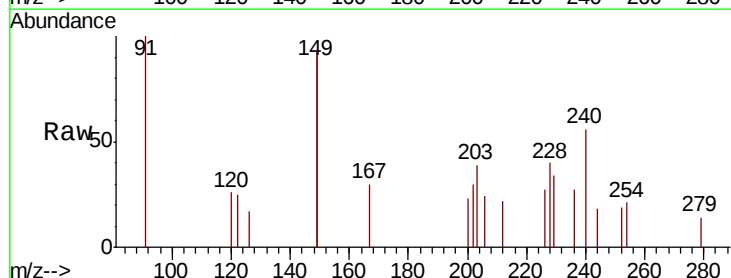
Tgt Ion:228 Resp: 187

Ion Ratio Lower Upper

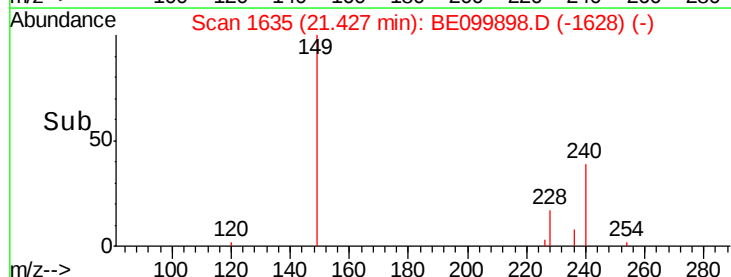
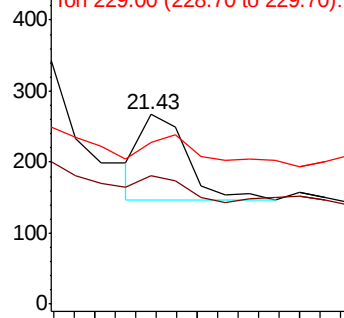
228 100

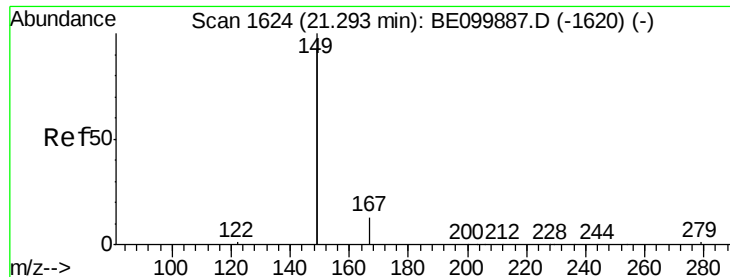
226 67.8 24.1 36.1#

229 85.4 16.1 24.1#



Abundance Ion 228.00 (227.70 to 228.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.047 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

SS043MW100-190604

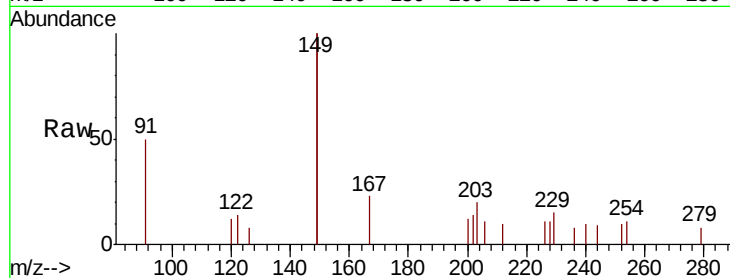
Tgt Ion:149 Resp: 2156

Ion Ratio Lower Upper

149 100

167 8.4 5.9 8.9

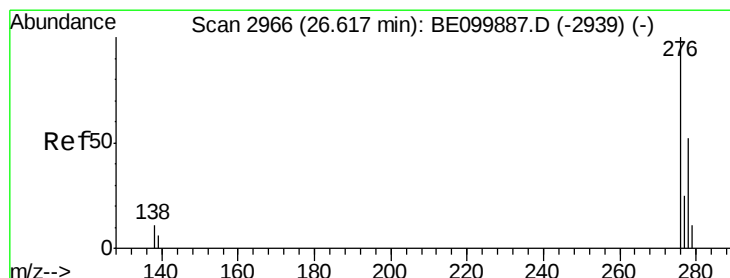
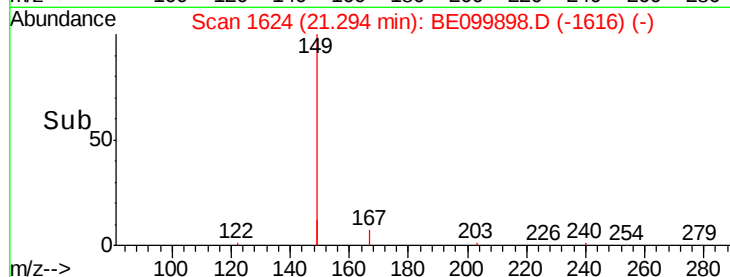
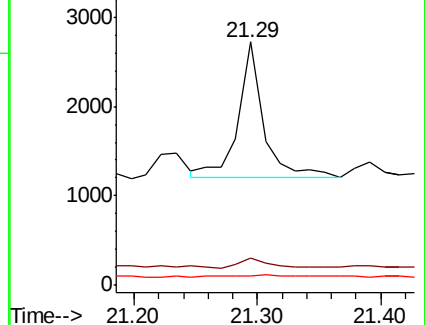
279 3.4 1.2 1.8#



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: 0.001 ng

RT: 26.60 min Scan# 2962

Delta R.T. -0.01 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

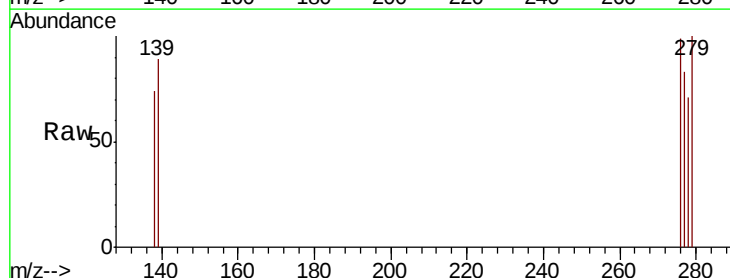
Tgt Ion:276 Resp: 56

Ion Ratio Lower Upper

276 100

138 10.7 10.1 15.1

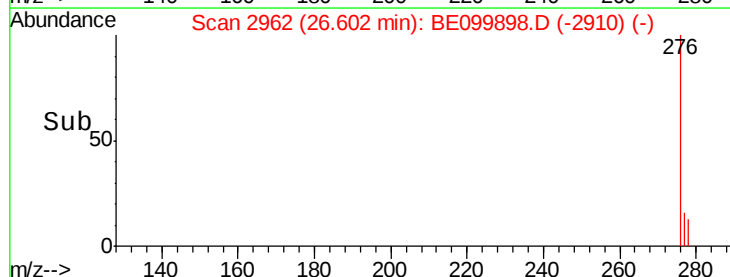
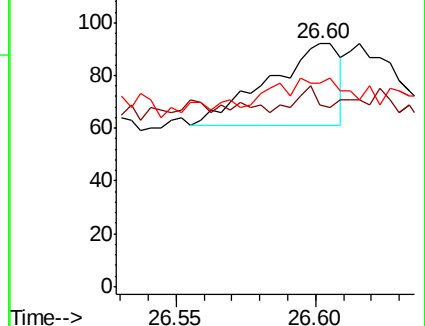
277 14.3 19.1 28.7#

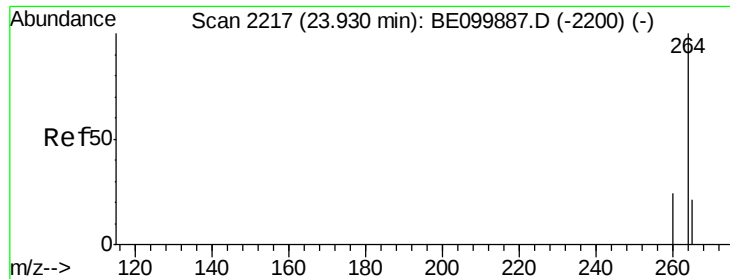


Abundance Ion 276.00 (275.70 to 276.70): E

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: BE099898.D

Acq: 10 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

SS043MW100-190604

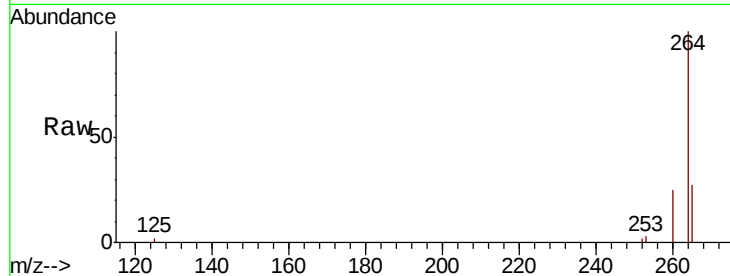
Tgt Ion:264 Resp: 12316

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

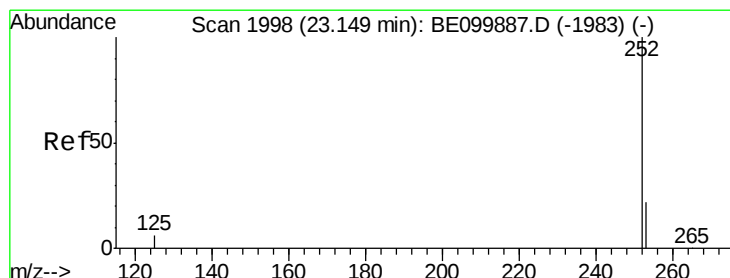
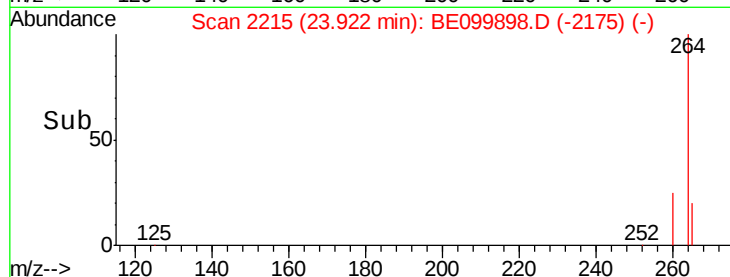
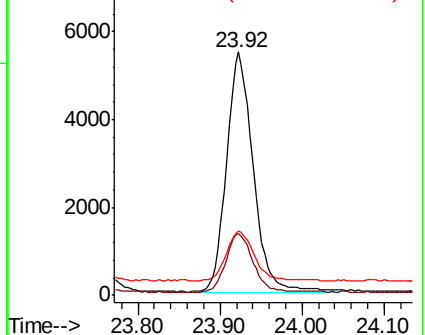
265 26.5 22.0 33.0



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: 0.007 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

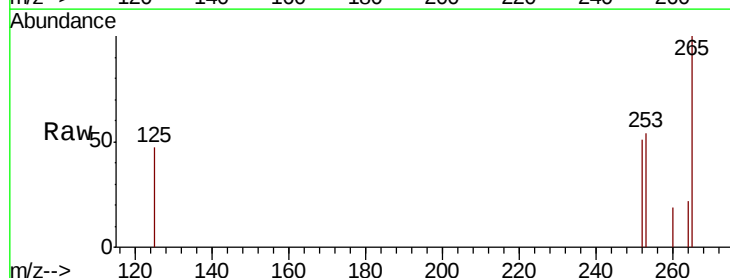
Tgt Ion:252 Resp: 250

Ion Ratio Lower Upper

252 100

253 104.9 18.7 28.1#

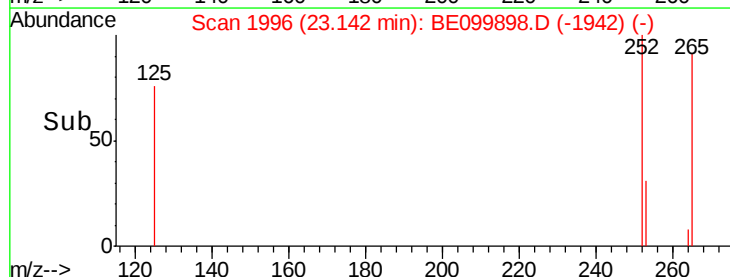
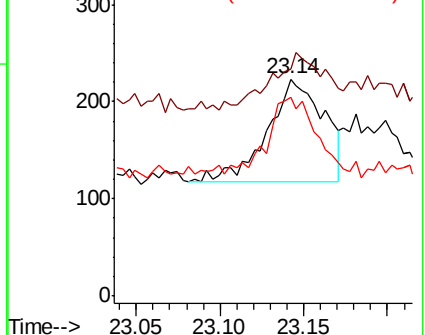
125 91.9 5.7 8.5#

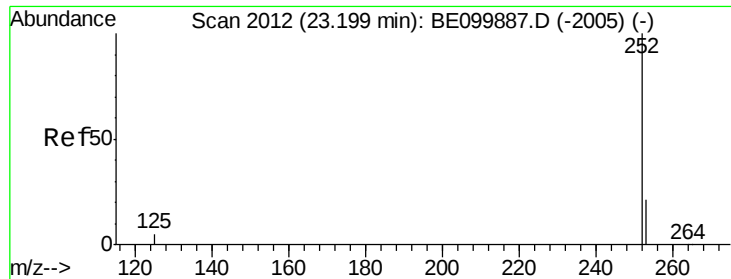


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Benzo(k)fluoranthene

Concen: 0.007 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.06 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

SS043MW100-190604

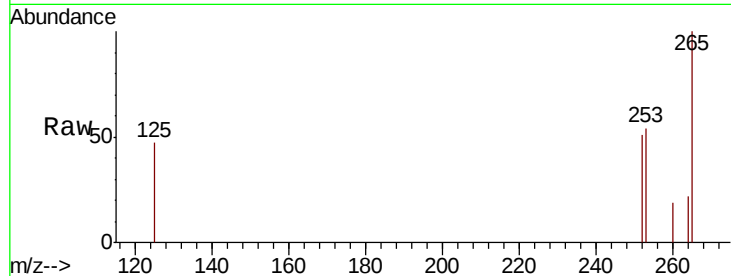
Tgt Ion: 252 Resp: 250

Ion Ratio Lower Upper

252 100

253 104.9 18.6 28.0#

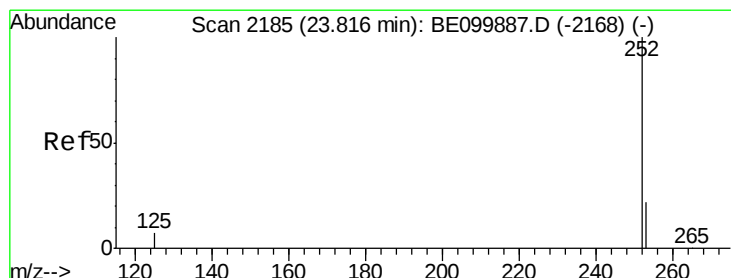
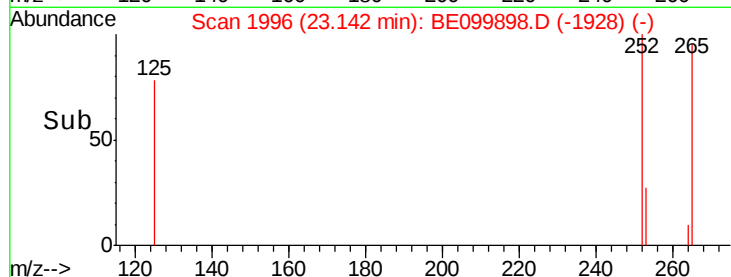
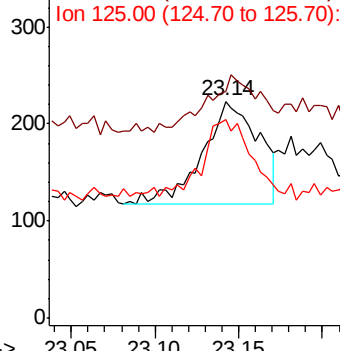
125 91.9 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.004 ng

RT: 23.81 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

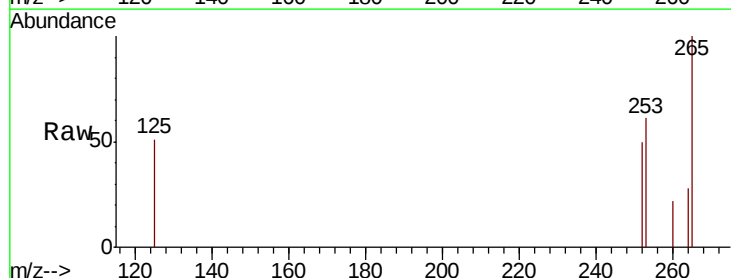
Tgt Ion: 252 Resp: 134

Ion Ratio Lower Upper

252 100

253 121.6 19.6 29.4#

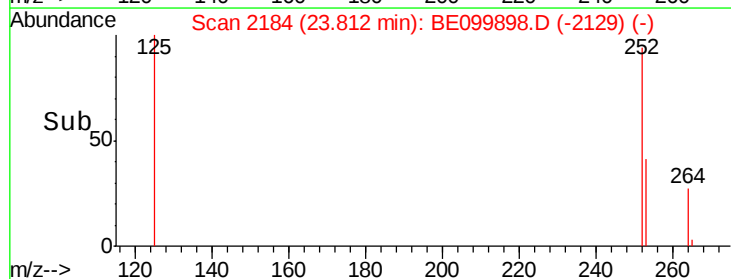
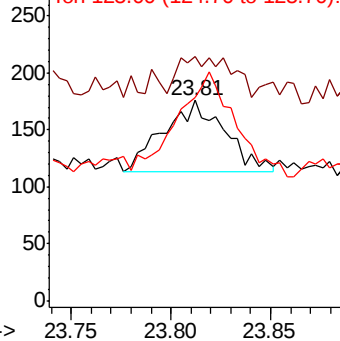
125 101.1 6.6 10.0#

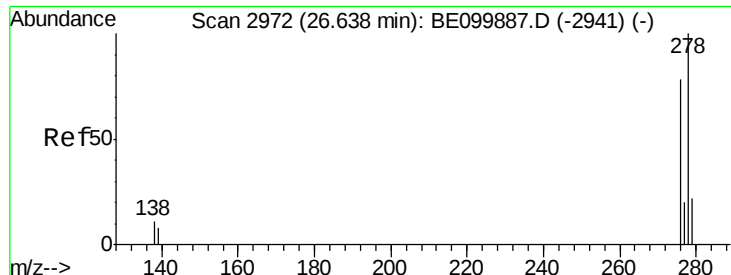


Abundance Ion 252.00 (251.70 to 252.70): E

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: 26.62 min Scan# 2966

Delta R.T. -0.02 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

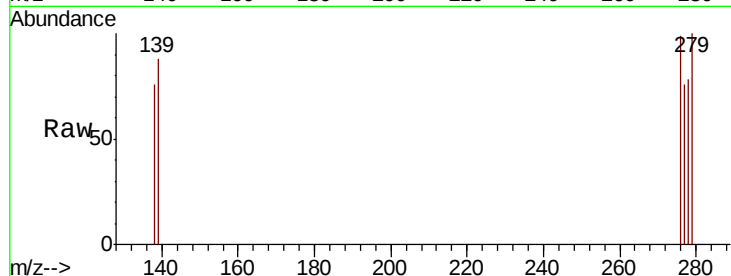
Instrument :

BNA_E

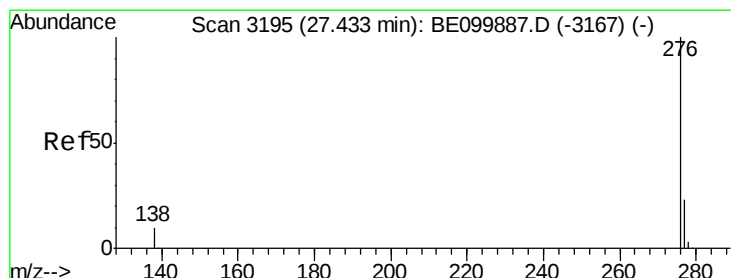
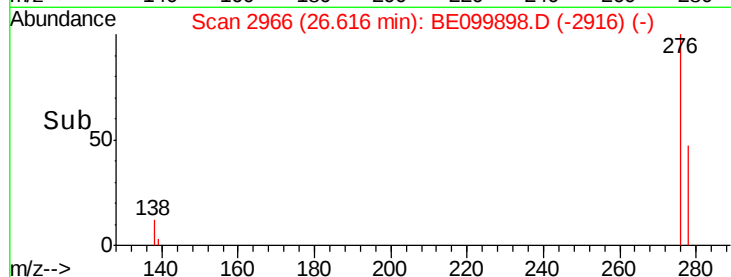
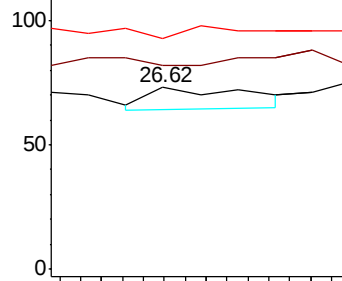
ClientSampleId :

SS043MW100-190604

Tgt Ion:	278	Resp:	6
Ion	Ratio	Lower	Upper
278	100		
139	112.3	7.8	11.8#
279	127.4	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: 0.002 ng

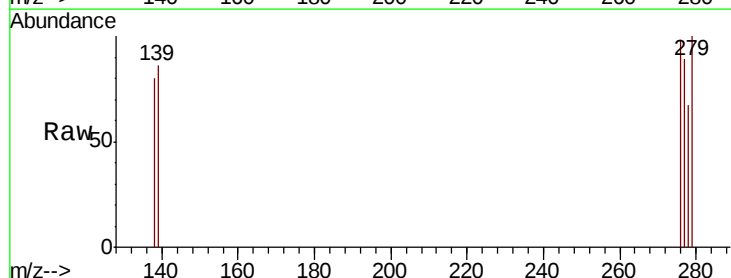
RT: 27.43 min Scan# 3194

Delta R.T. -0.00 min

Lab File: BE099898.D

Acq: 10 Jun 2019 19:56

Tgt Ion:	276	Resp:	54
Ion	Ratio	Lower	Upper
276	100		
277	91.5	19.5	29.3#
138	81.7	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

