

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
 Data File : BE099192.D
 Acq On : 25 Mar 2019 22:46
 Operator : JU/SJ
 Sample : K2020-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS035-190318

Quant Time: Mar 26 07:09:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3199	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	14305	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	11420	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	32476	0.40	ng	0.00
27) Chrysene-d12	21.38	240	36358	0.40	ng	-0.01
34) Perylene-d12	23.89	264	35364	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	1634	0.17	ng	0.00
5) Phenol-d6	6.99	99	1369	0.09	ng	0.00
8) Nitrobenzene-d5	8.99	82	4430	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	10207	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1530	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	16745	0.36	ng	0.00
25) Fluoranthene-d10	19.24	212	147722	0.38	ng	0.00
29) Terphenyl-d14	19.83	244	28690	0.36	ng	0.00

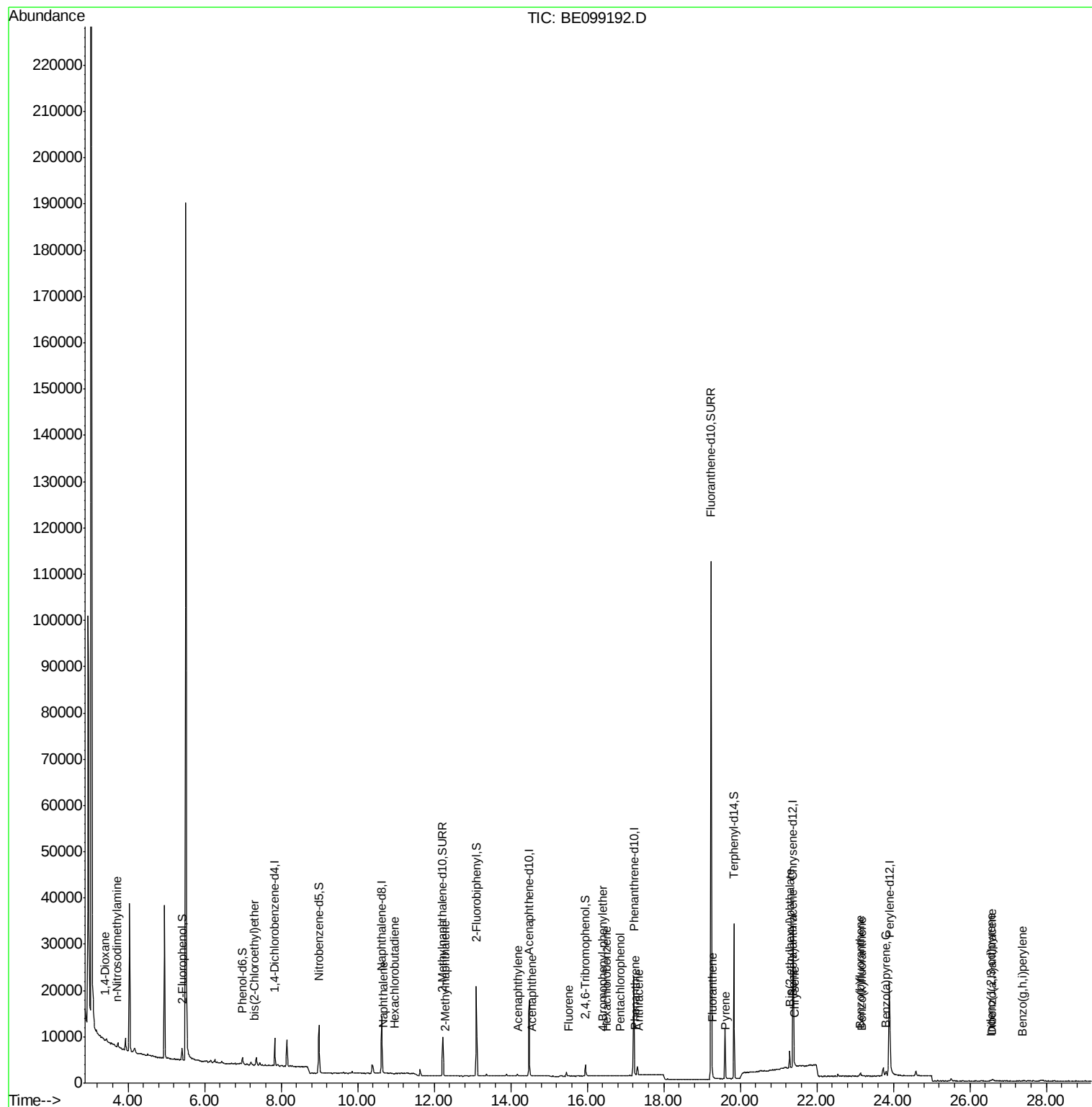
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	108	0.026	ng	# 30
3) n-Nitrosodimethylamine	3.72	42	45	0.019	ng	# 31
6) bis(2-Chloroethyl)ether	7.29	93	33	0.003	ng	# 50
9) Naphthalene	10.68	128	451	0.003	ng	# 71
10) Hexachlorobutadiene	10.96	225	13	0.001	ng	# 19
12) 2-Methylnaphthalene	12.29	142	62	0.002	ng	# 57
16) Acenaphthylene	14.20	152	55	0.001	ng	# 77
17) Acenaphthene	14.54	154	19	0.001	ng	# 10
18) Fluorene	15.51	166	67	0.001	ng	# 75
20) 4-Bromophenyl-phenylether	16.41	248	17	0.001	ng	# 57
21) Hexachlorobenzene	16.49	284	5	0.000	ng	# 1
22) Pentachlorophenol	16.85	266	22	0.246	ng	# 84
23) Phenanthrene	17.25	178	194	0.002	ng	# 70
24) Anthracene	17.35	178	67	0.001	ng	# 69
26) Fluoranthene	19.27	202	154	0.001	ng	# 73
28) Pyrene	19.63	202	183	0.002	ng	# 88
30) Benzo(a)anthracene	21.37	228	304	0.003	ng	# 40
31) Chrysene	21.41	228	224	0.002	ng	# 49
32) Bis(2-ethylhexyl)phthalate	21.29	149	4447	0.031	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.55	276	51	0.000	ng	# 73
35) Benzo(b)fluoranthene	23.13	252	275	0.002	ng	# 1
36) Benzo(k)fluoranthene	23.16	252	234	0.002	ng	# 1
37) Benzo(a)pyrene	23.79	252	80	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.58	278	18	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.37	276	12	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: 7.84 min Scan# 432

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

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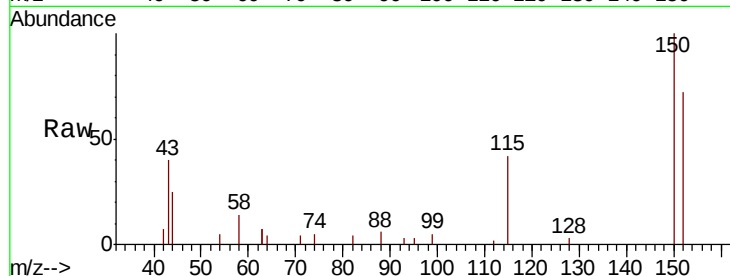
Tgt Ion: 152 Resp: 3199

Ion Ratio Lower Upper

152 100

150 139.2 112.8 169.2

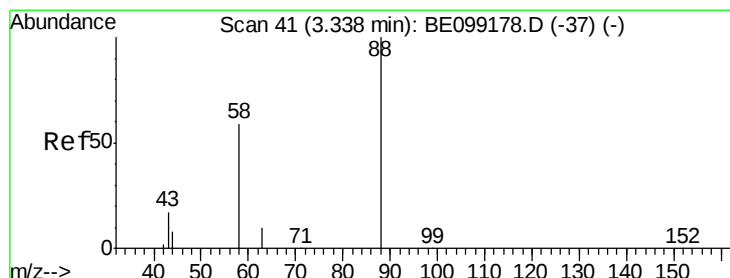
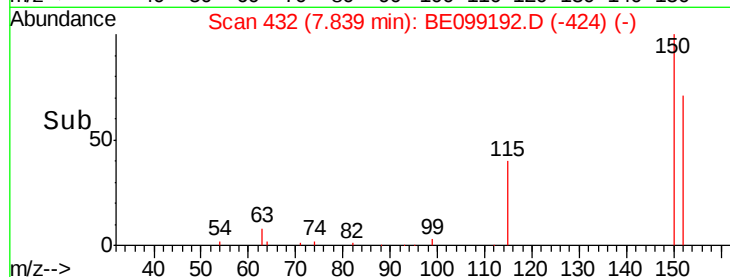
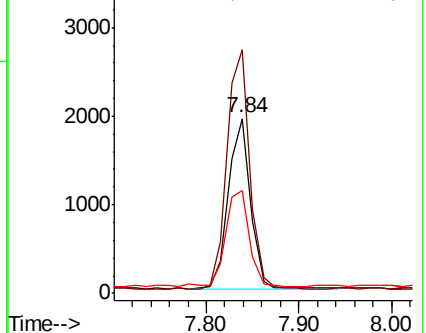
115 58.8 45.1 67.7



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: 0.026 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.04 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

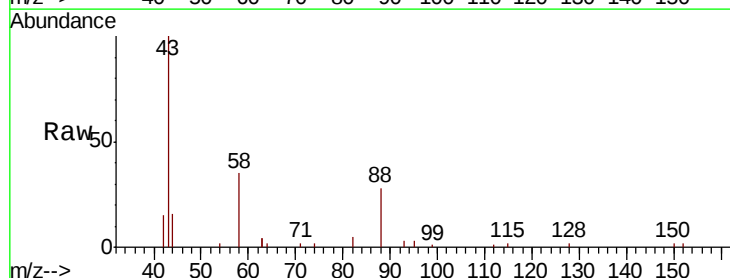
Tgt Ion: 88 Resp: 108

Ion Ratio Lower Upper

88 100

58 0.0 47.4 71.0#

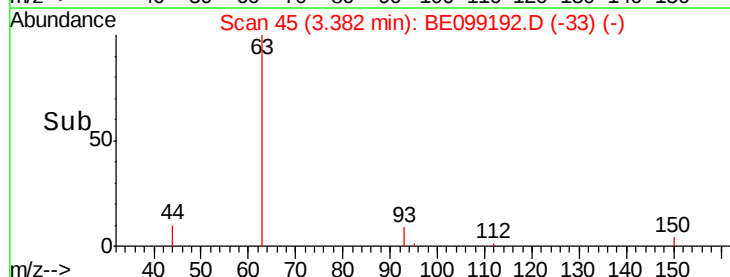
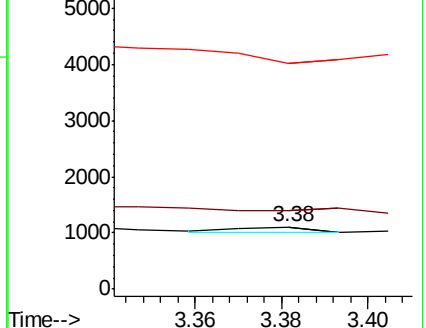
43 0.0 15.6 23.4#



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: 0.019 ng

RT: 3.72 min Scan# 74

Delta R.T. 0.04 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190318

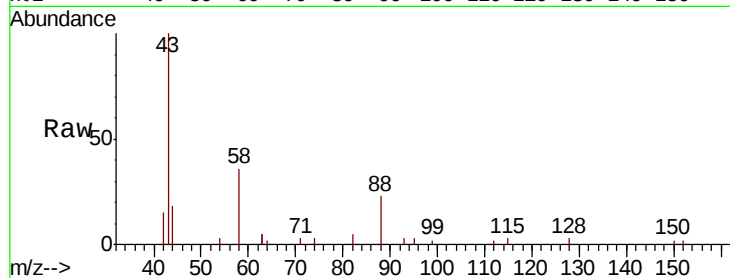
Tgt Ion: 42 Resp: 45

Ion Ratio Lower Upper

42 100

74 73.3 138.6 207.8#

44 0.0 15.0 22.6#



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

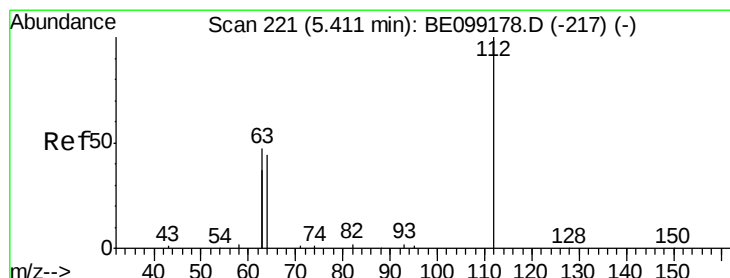
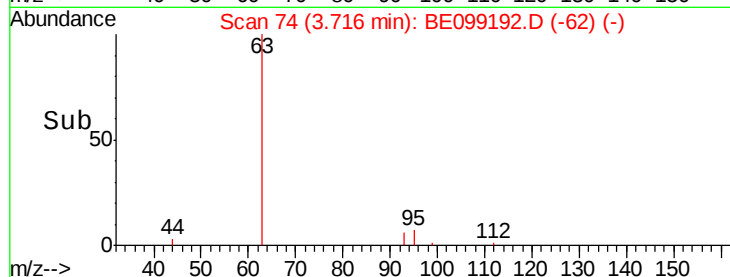
400

200

0

3.70 3.71 3.72 3.73

Time-->



#4

2-Fluorophenol

Concen: 0.171 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

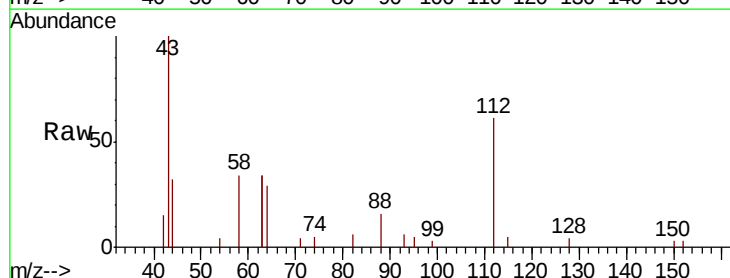
Tgt Ion: 112 Resp: 1634

Ion Ratio Lower Upper

112 100

64 55.0 46.2 69.2

63 115.7 89.9 134.9



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

1500

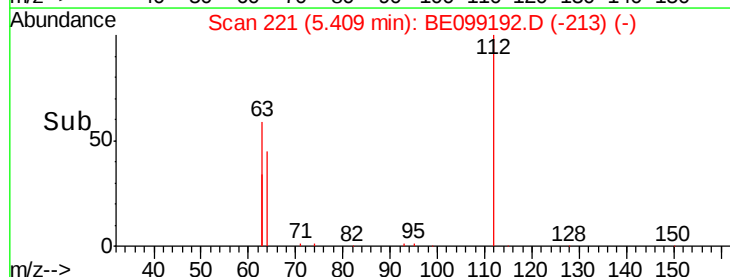
1000

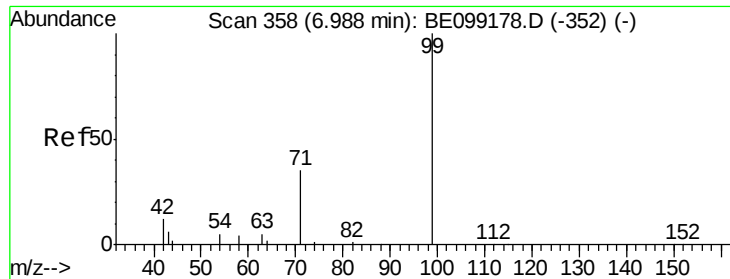
500

0

5.30 5.40 5.50

Time-->





#5

Phenol-d6

Concen: 0.094 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190318

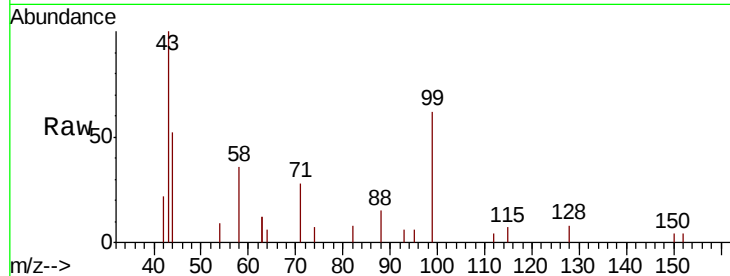
Tgt Ion: 99 Resp: 1369

Ion Ratio Lower Upper

99 100

42 13.1 12.4 18.6

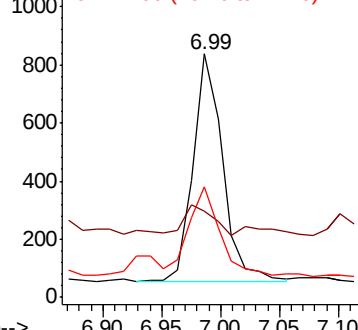
71 53.0 28.4 42.6#



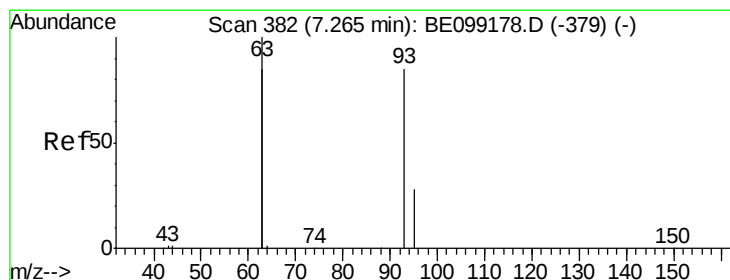
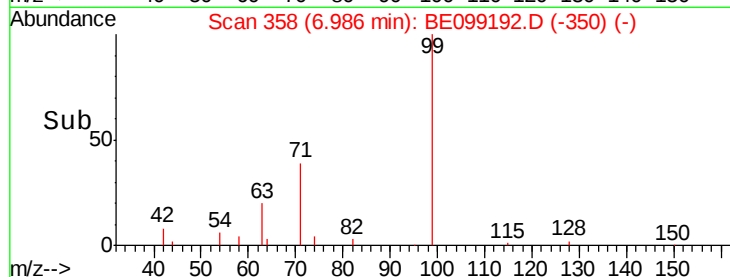
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 0.003 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.02 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

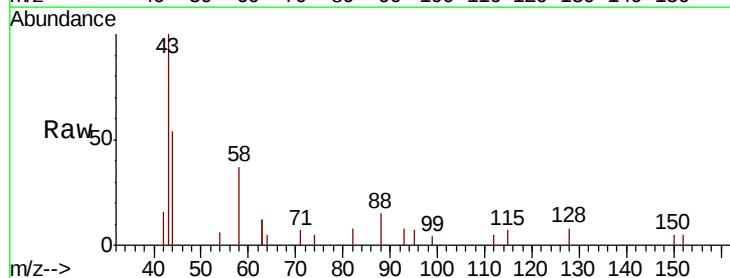
Tgt Ion: 93 Resp: 33

Ion Ratio Lower Upper

93 100

63 184.8 221.4 332.0#

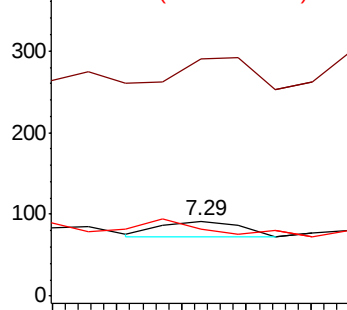
95 0.0 25.8 38.8#



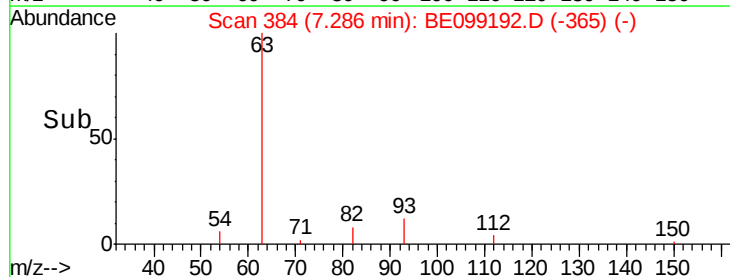
Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

Instrument :

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Tgt Ion: 136 Resp: 14305

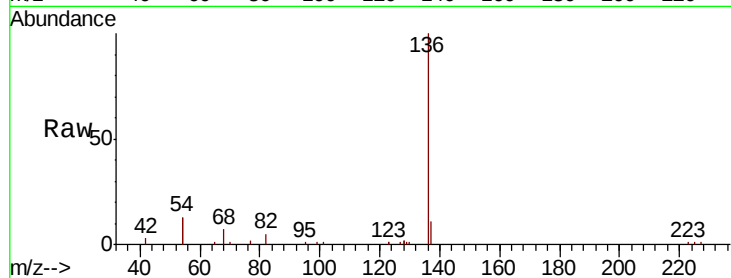
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 25.1 18.7 28.1

68 7.0 5.2 7.8

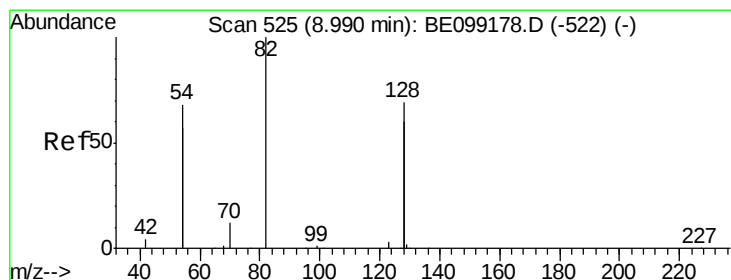
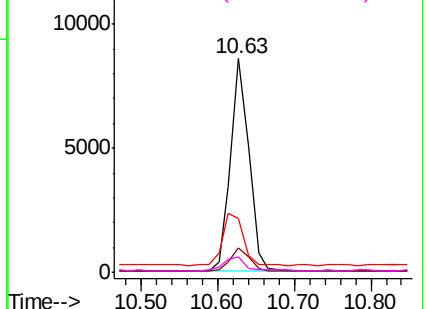
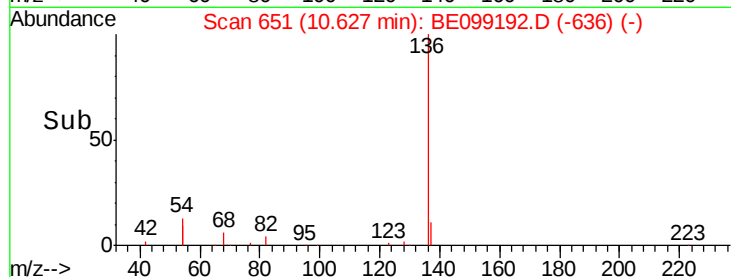


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.379 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

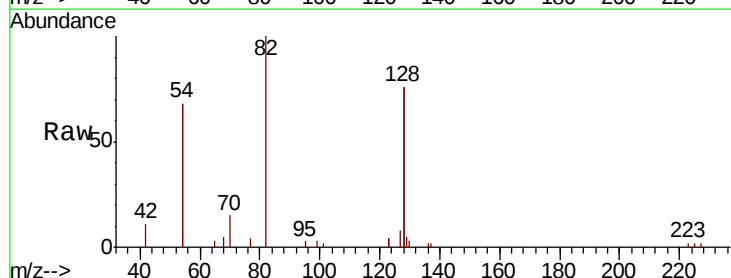
Tgt Ion: 82 Resp: 4430

Ion Ratio Lower Upper

82 100

128 151.1 107.5 161.3

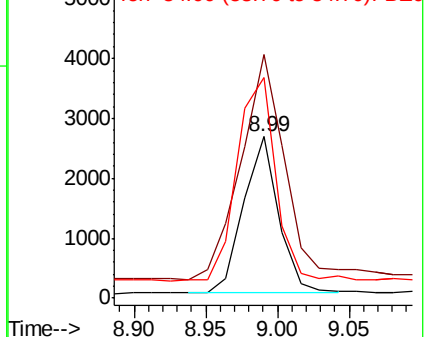
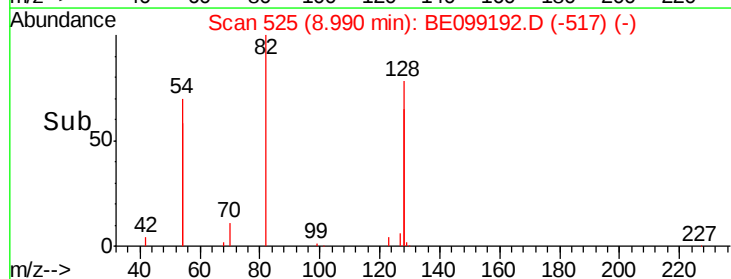
54 136.8 106.3 159.5

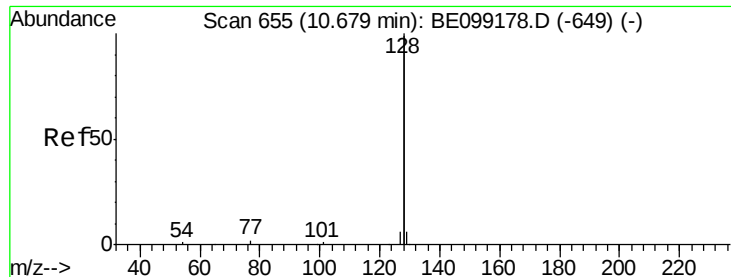


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 10.68 min Scan# 655

Delta R.T. -0.00 min

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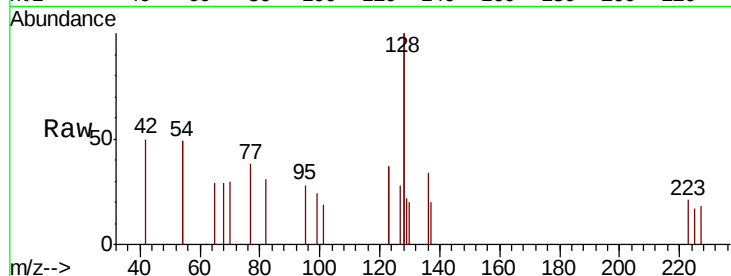
Tgt Ion:128 Resp: 451

Ion Ratio Lower Upper

128 100

129 10.9 2.3 3.5#

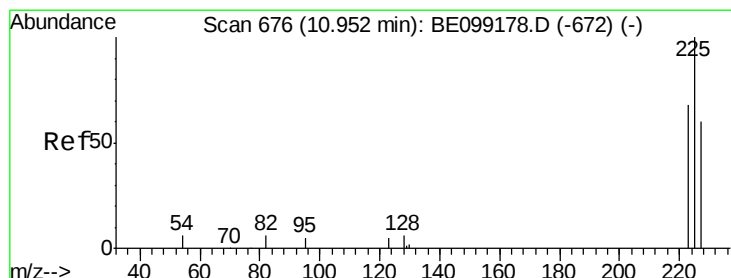
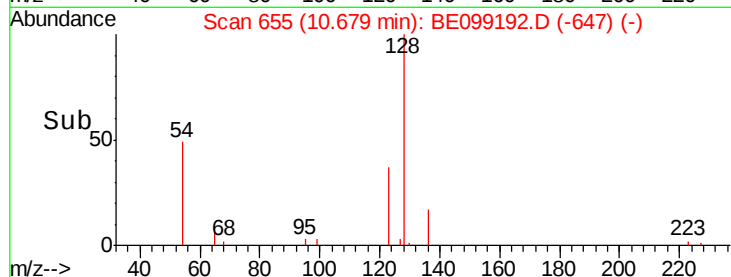
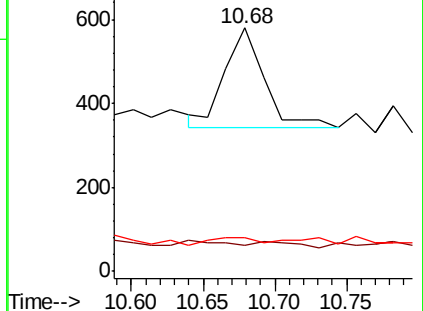
127 14.1 2.6 3.8#



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: 10.96 min Scan# 677

Delta R.T. 0.01 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

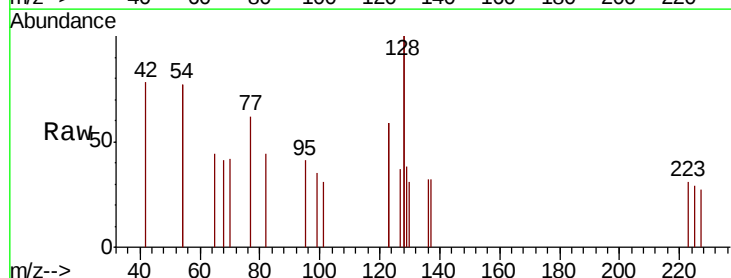
Tgt Ion:225 Resp: 13

Ion Ratio Lower Upper

225 100

223 0.0 51.3 76.9#

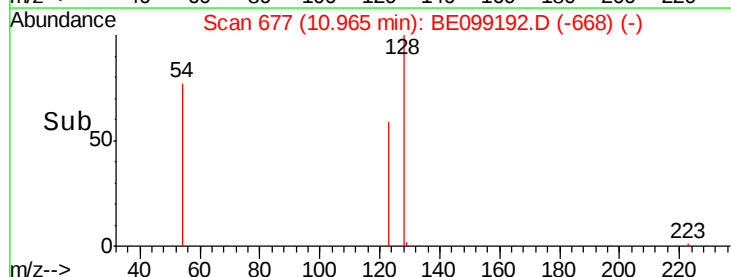
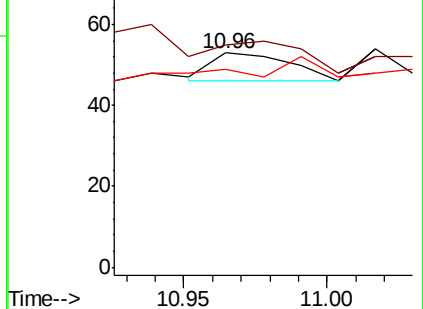
227 0.0 48.6 73.0#

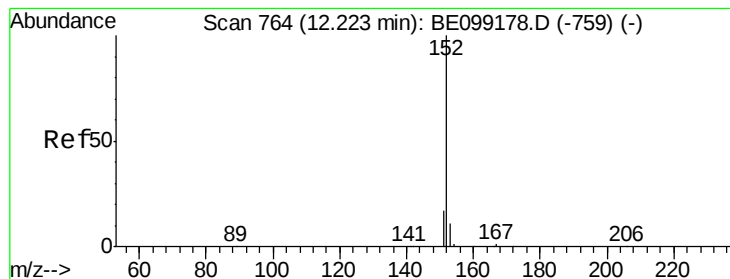


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.370 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

Instrument :

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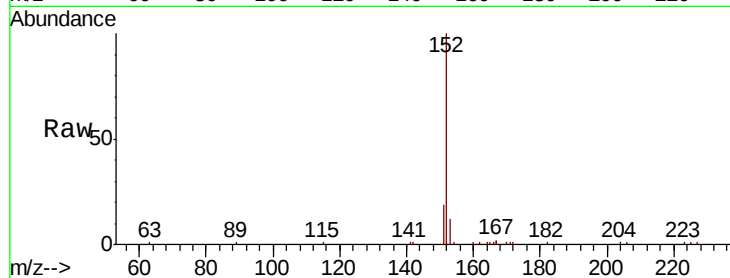
KY038PS035-190318

Tgt Ion:152 Resp: 10207

Ion Ratio Lower Upper

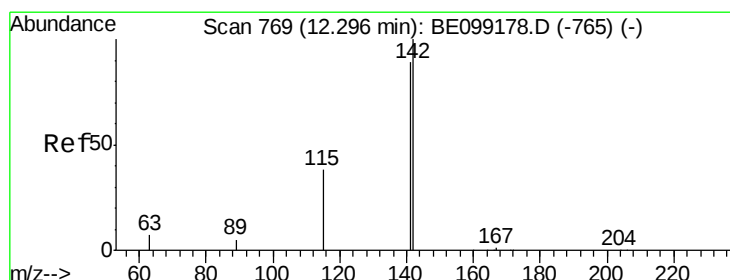
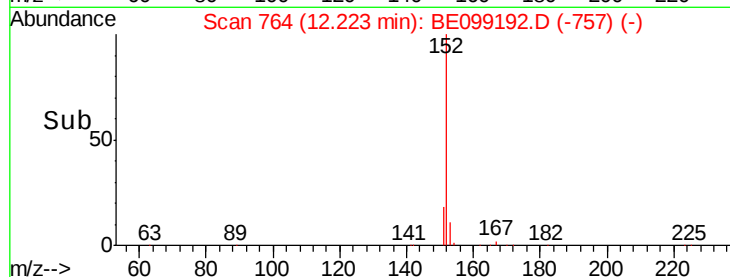
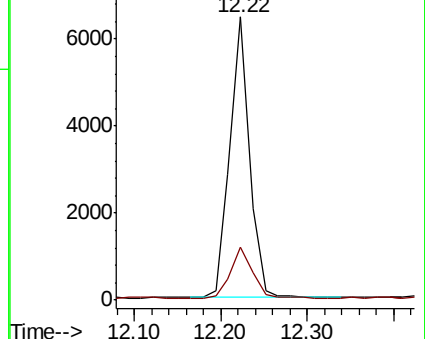
152 100

151 19.6 15.0 22.6



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: 12.29 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

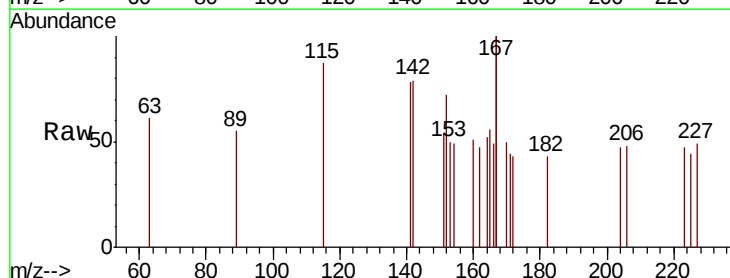
Tgt Ion:142 Resp: 62

Ion Ratio Lower Upper

142 100

141 98.8 71.3 106.9

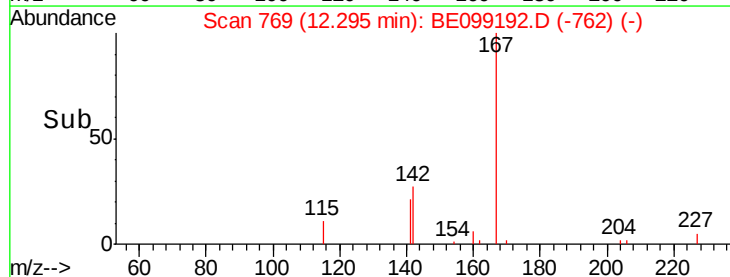
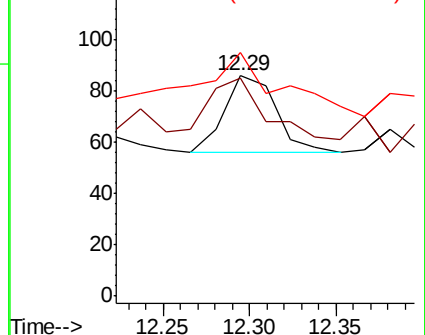
115 110.5 30.4 45.6#



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

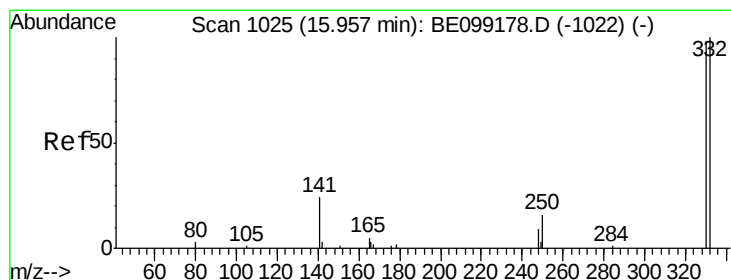
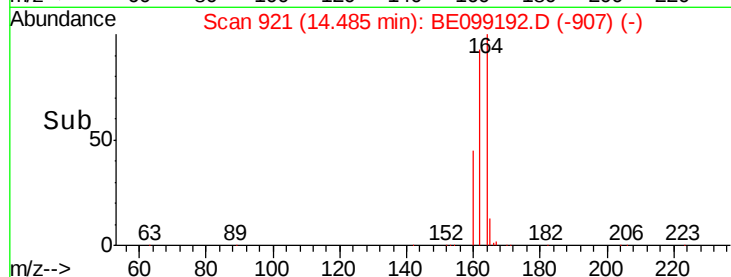
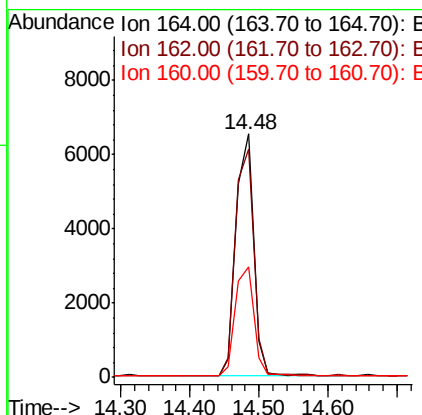
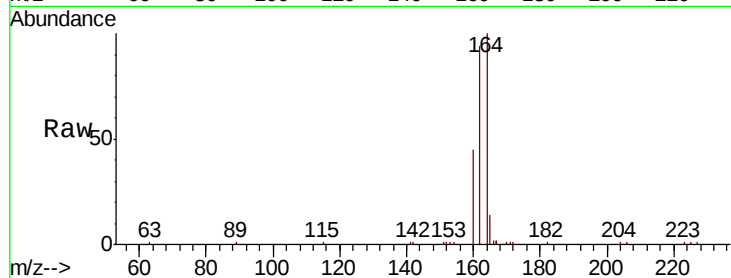




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

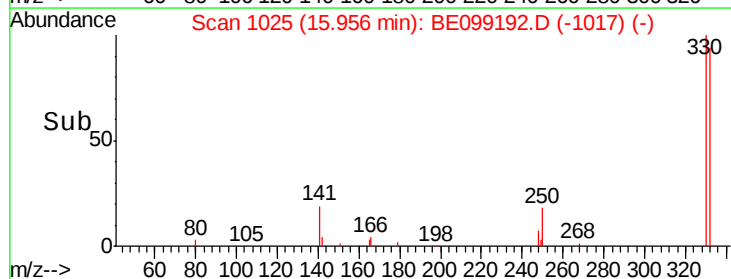
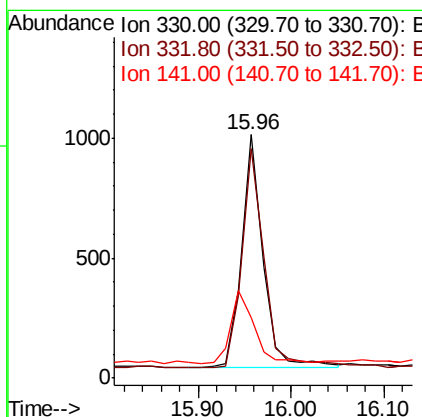
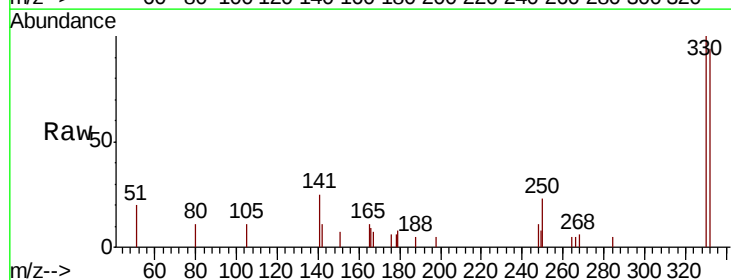
Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

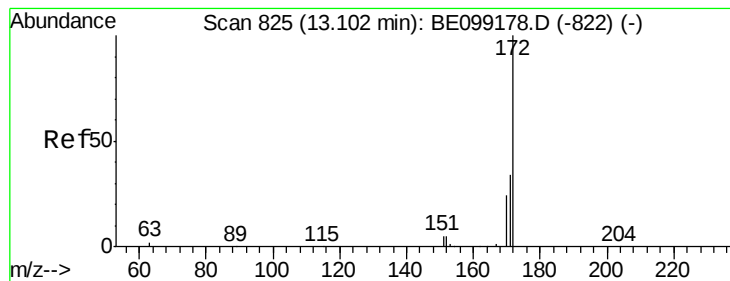
Tgt Ion:164 Resp: 11420
Ion Ratio Lower Upper
164 100
162 93.5 79.2 118.8
160 45.3 36.7 55.1



#14
2,4,6-Tribromophenol
Concen: 0.464 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion:330 Resp: 1530
Ion Ratio Lower Upper
330 100
332 100.1 71.3 106.9
141 33.6 21.7 32.5#





#15

2-Fluorobiphenyl

Concen: 0.360 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190318

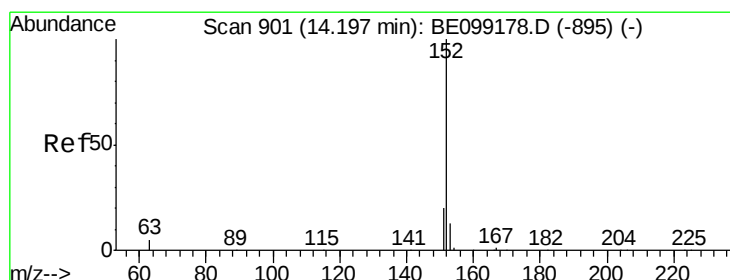
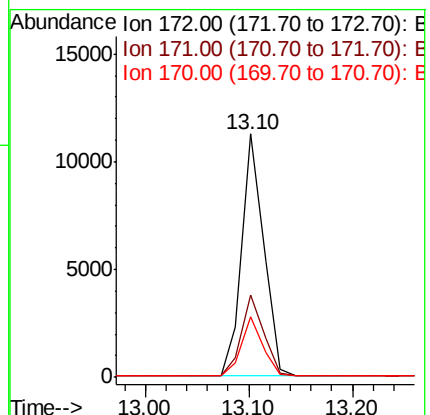
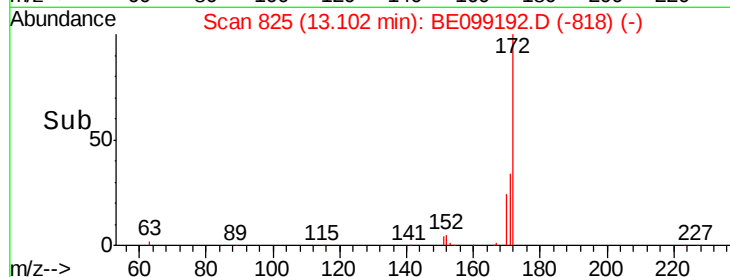
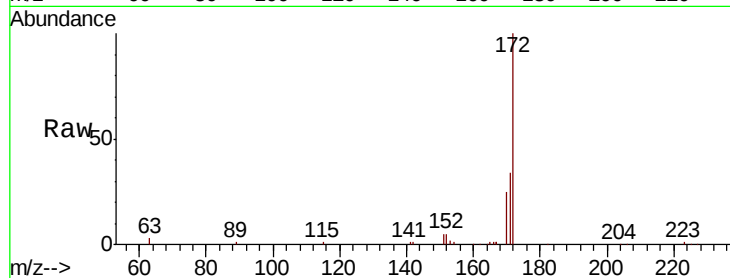
Tgt Ion:172 Resp: 16745

Ion Ratio Lower Upper

172 100

171 33.9 27.4 41.0

170 24.8 19.1 28.7



#16

Acenaphthylene

Concen: 0.001 ng

RT: 14.20 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

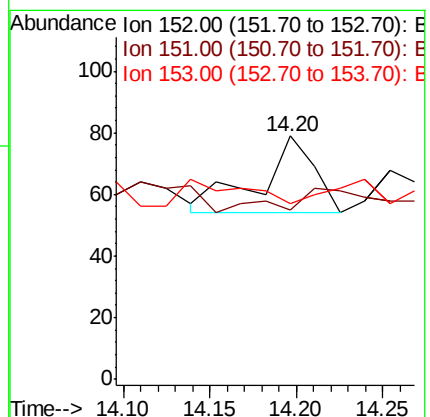
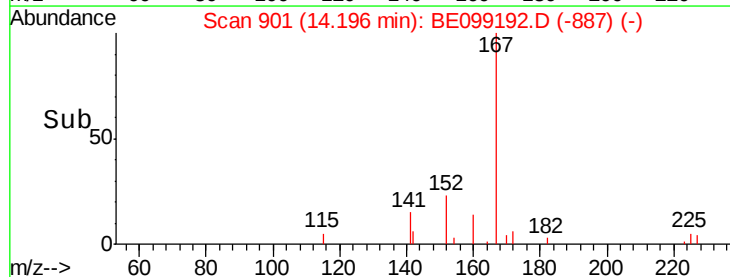
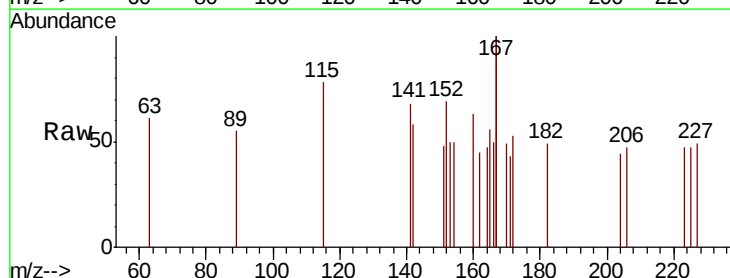
Tgt Ion:152 Resp: 55

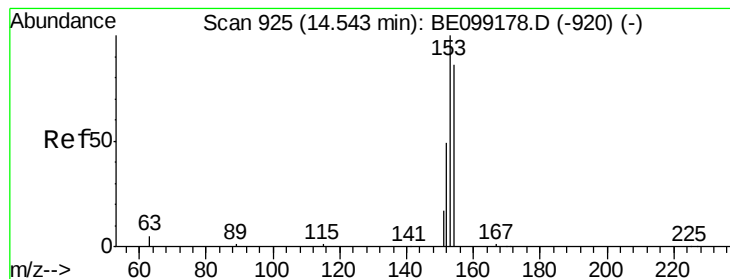
Ion Ratio Lower Upper

152 100

151 27.3 15.7 23.5#

153 0.0 10.6 15.8#





#17

Acenaphthene

Concen: 0.001 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190318

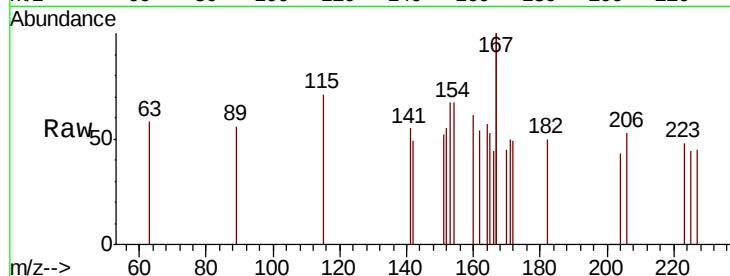
Tgt Ion:154 Resp: 19

Ion Ratio Lower Upper

154 100

153 221.1 93.4 140.0#

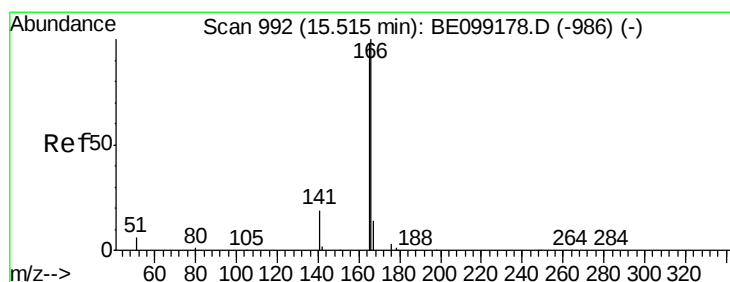
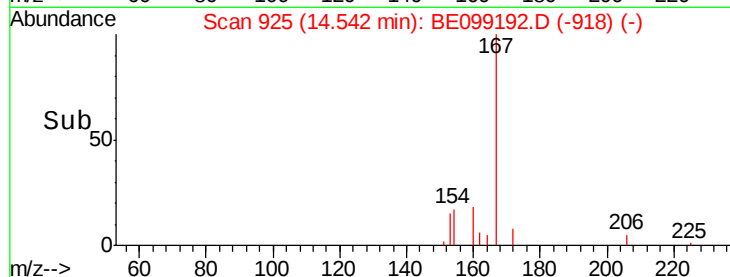
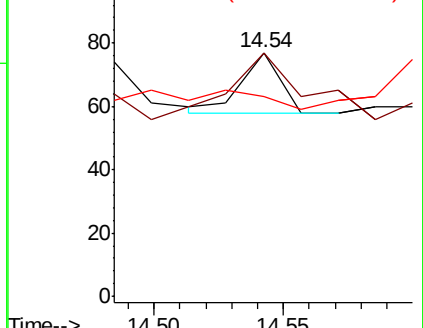
152 0.0 46.6 69.8#



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: 0.001 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

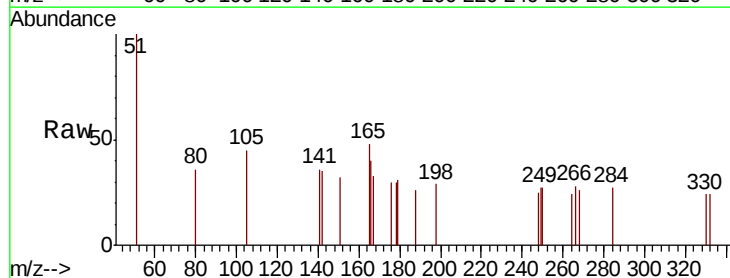
Tgt Ion:166 Resp: 67

Ion Ratio Lower Upper

166 100

165 73.1 78.9 118.3#

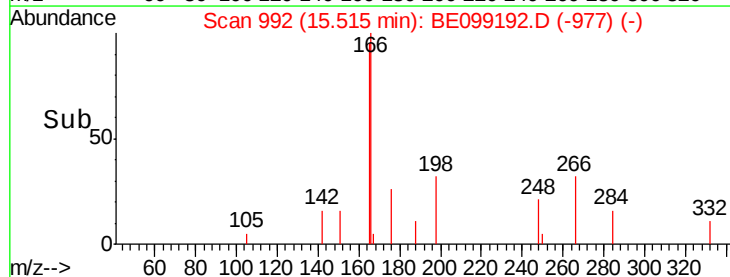
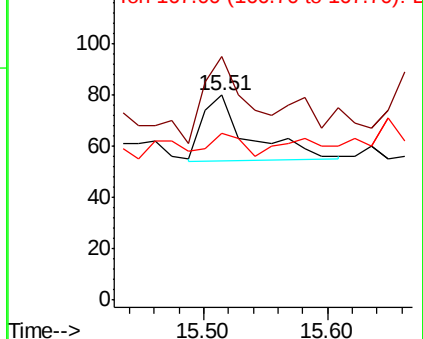
167 22.4 10.9 16.3#

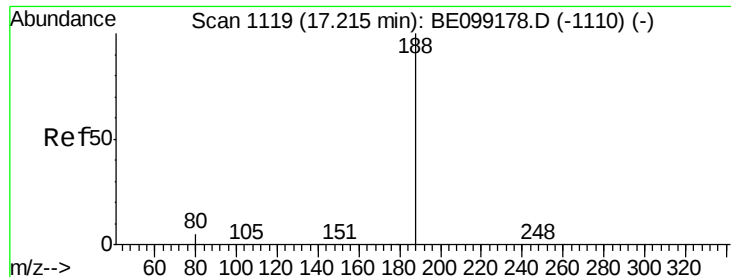


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099192.D

Acq: 25 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190318

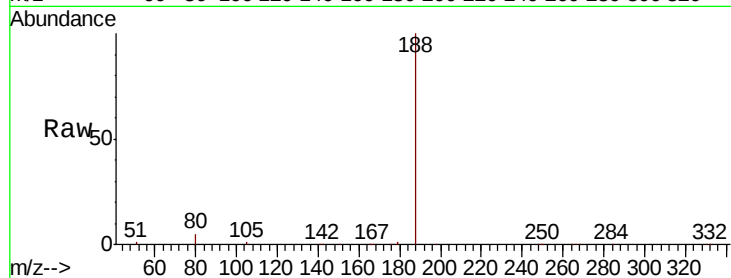
Tgt Ion:188 Resp: 32476

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

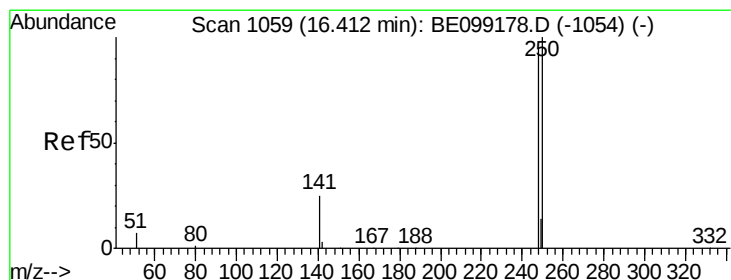
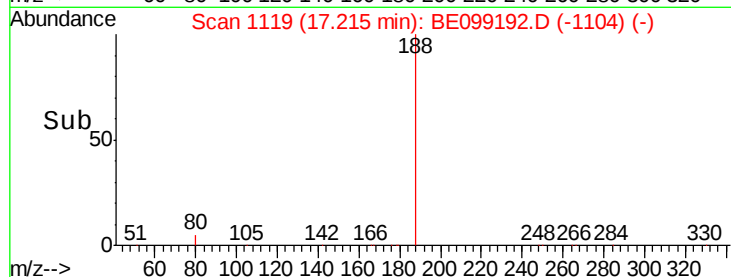
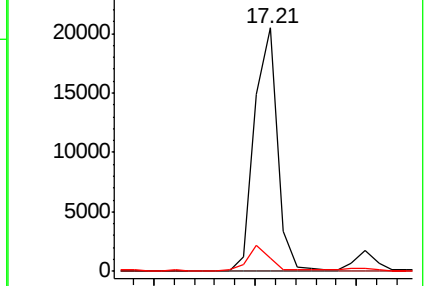
80 5.2 4.5 6.7



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: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

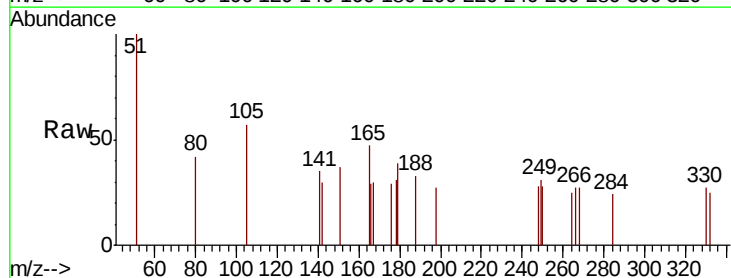
Tgt Ion:248 Resp: 17

Ion Ratio Lower Upper

248 100

250 100.0 84.2 126.2

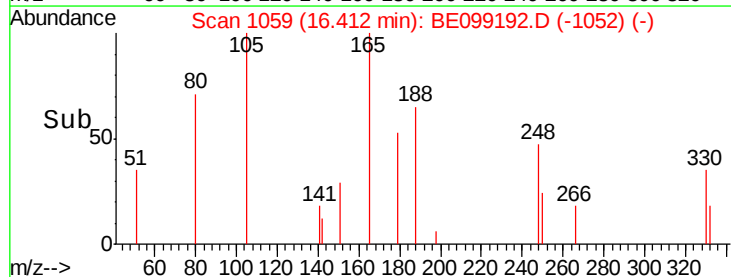
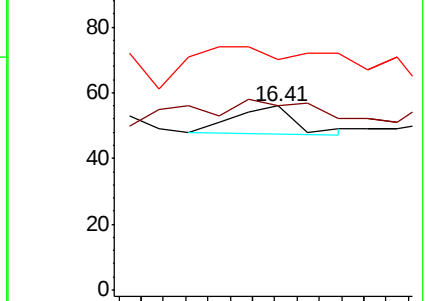
141 125.0 21.8 32.6#

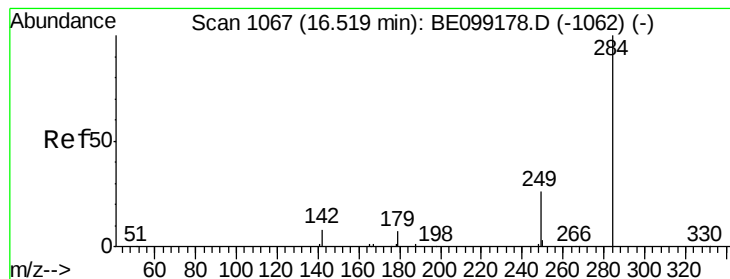


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.000 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

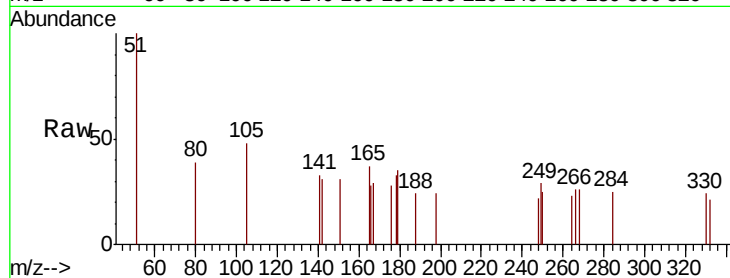
Instrument :

BNA_E

ClientSampleId :

KY038PS035-190318

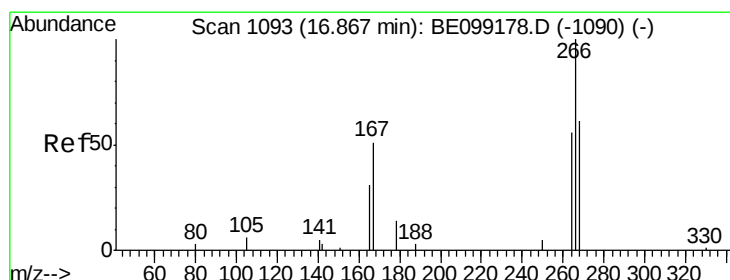
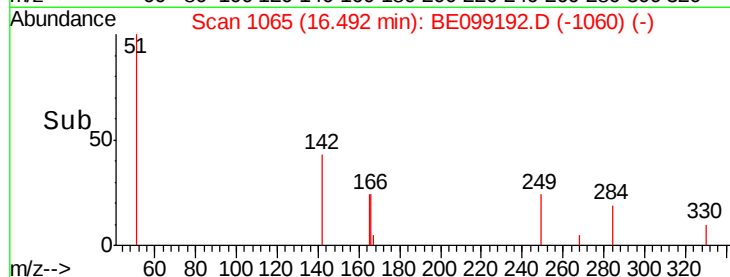
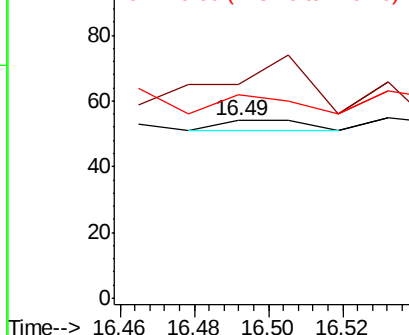
Tgt Ion:	284	Resp:	5
Ion	Ratio	Lower	Upper
284	100		
142	580.0	22.7	34.1#
249	0.0	26.9	40.3#



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: 0.246 ng

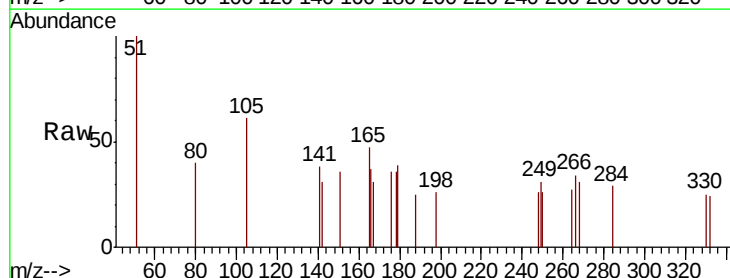
RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

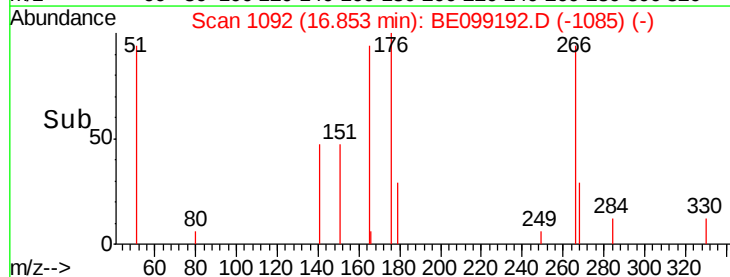
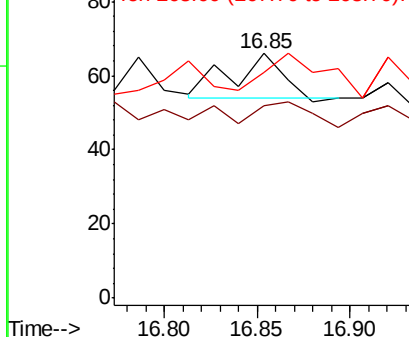
Tgt Ion:	266	Resp:	22
Ion	Ratio	Lower	Upper
266	100		
264	78.8	54.4	81.6
268	92.4	61.3	91.9#

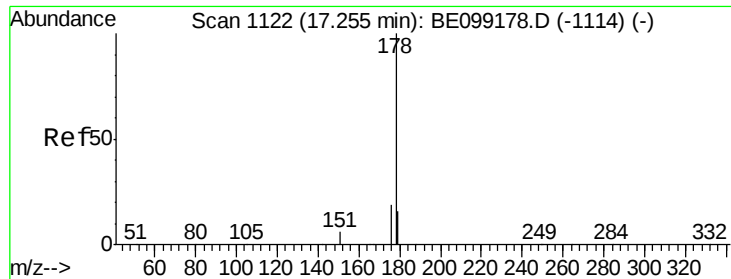


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.002 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190318

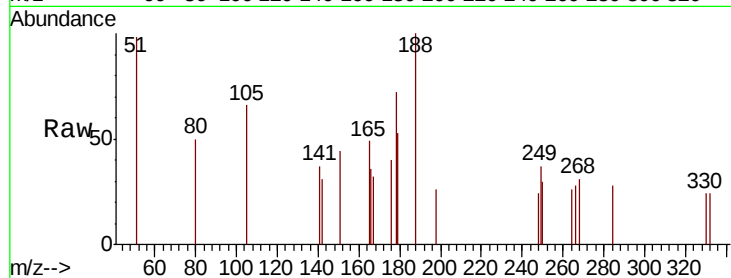
Tgt Ion:178 Resp: 194

Ion Ratio Lower Upper

178 100

176 30.4 15.4 23.2#

179 0.0 12.3 18.5#

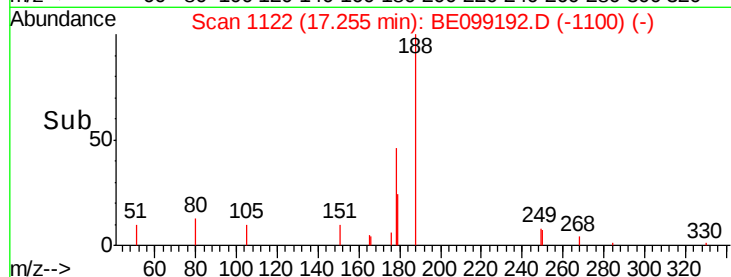
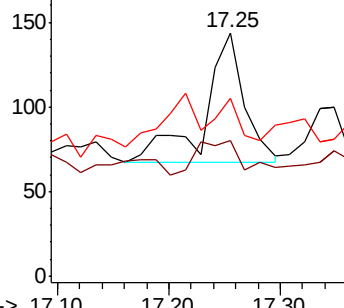


Abundance

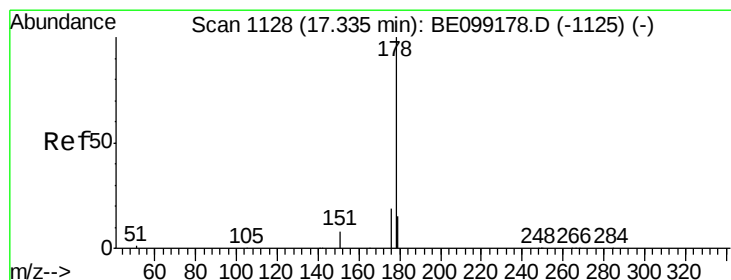
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.10 17.20 17.30



#24

Anthracene

Concen: 0.001 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

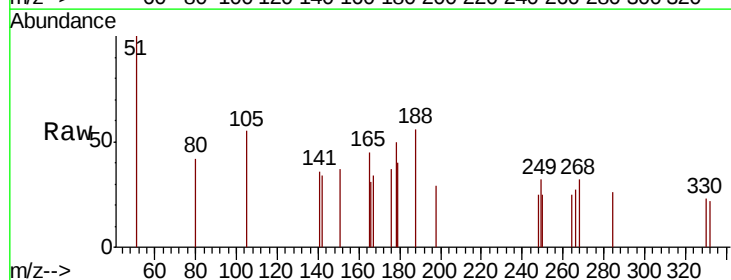
Tgt Ion:178 Resp: 67

Ion Ratio Lower Upper

178 100

176 32.8 15.1 22.7#

179 28.4 12.4 18.6#

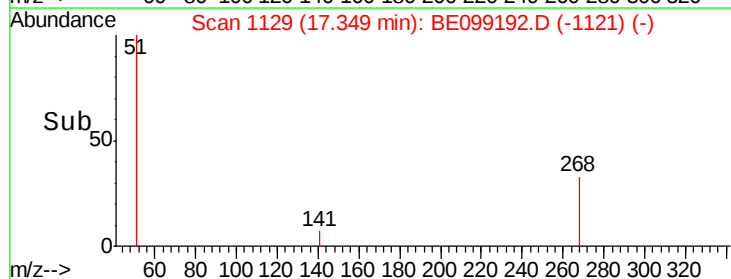
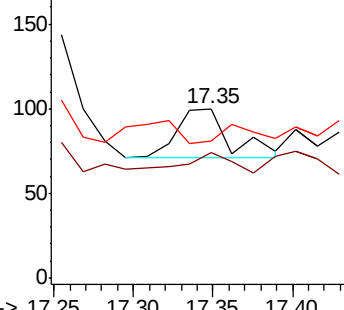


Abundance

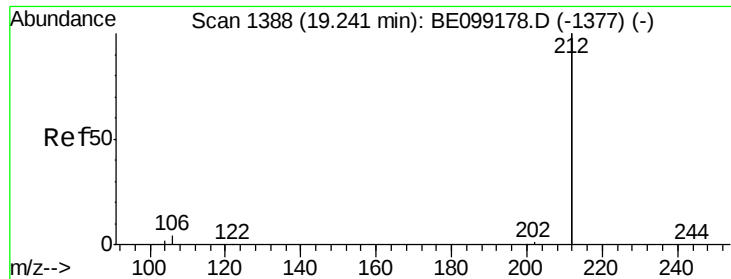
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.25 17.30 17.35 17.40



#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190318

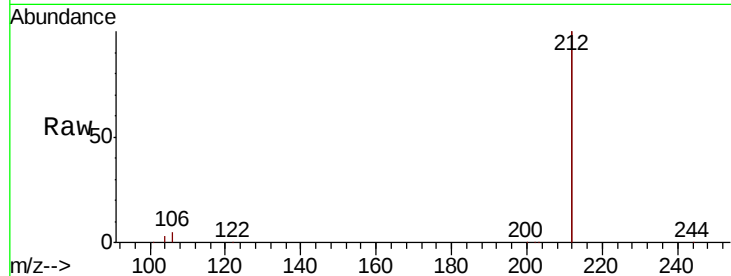
Tgt Ion:212 Resp: 147722

Ion Ratio Lower Upper

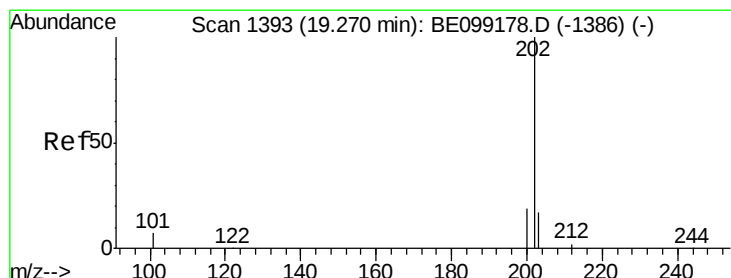
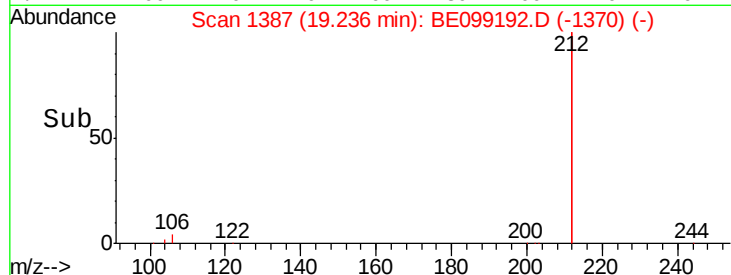
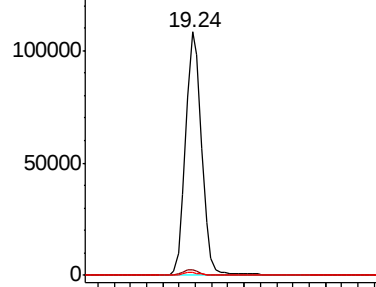
212 100

106 2.3 1.8 2.8

104 1.3 1.1 1.7



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: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

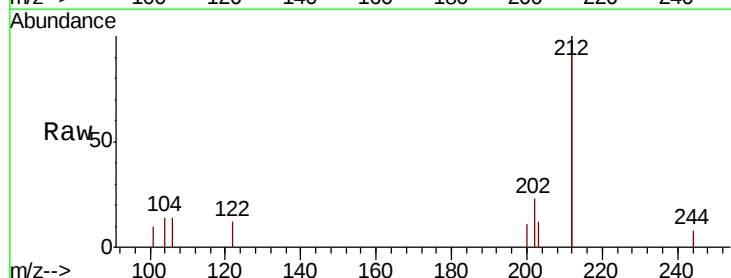
Tgt Ion:202 Resp: 154

Ion Ratio Lower Upper

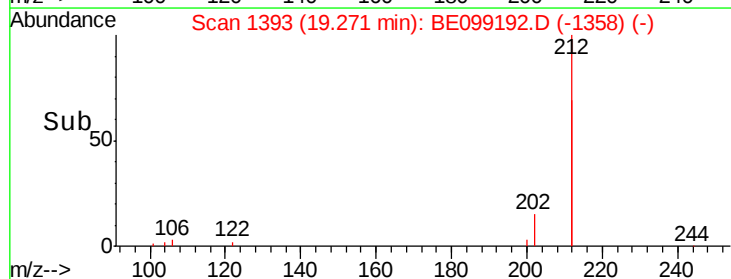
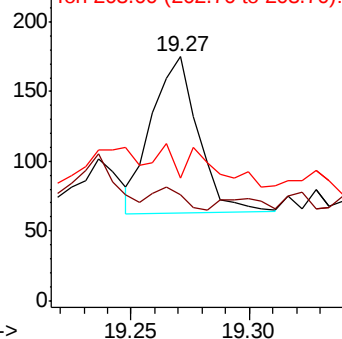
202 100

101 9.1 7.0 10.4

203 0.0 13.8 20.6#



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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190318

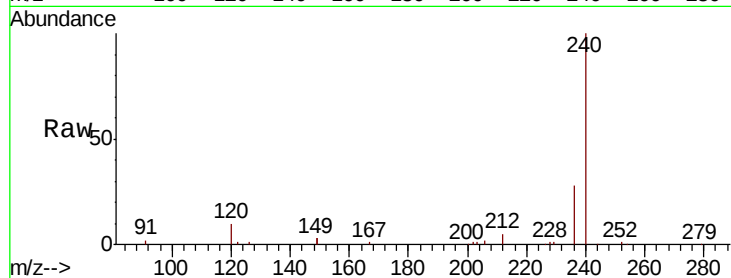
Tgt Ion:240 Resp: 36358

Ion Ratio Lower Upper

240 100

120 9.8 2.6 3.8#

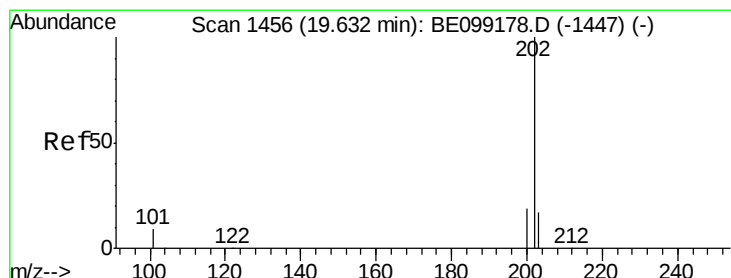
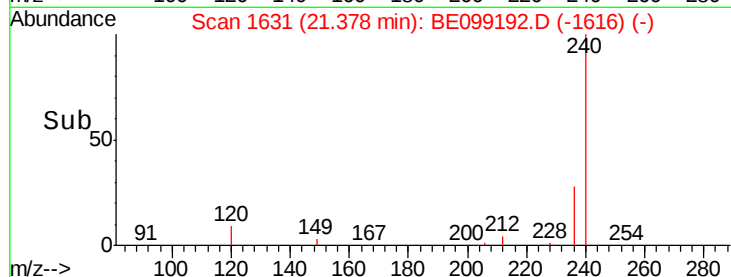
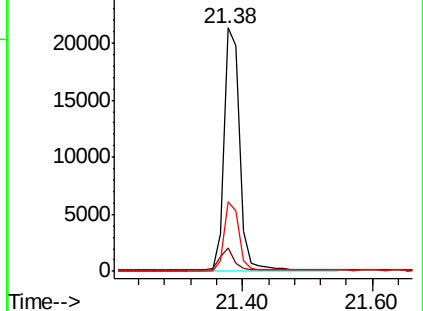
236 28.4 20.9 31.3



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: 0.002 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

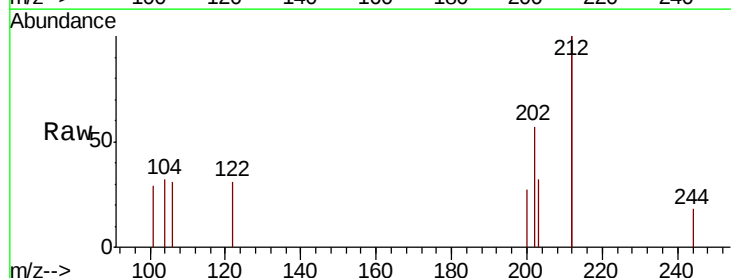
Tgt Ion:202 Resp: 183

Ion Ratio Lower Upper

202 100

200 29.0 15.8 23.8#

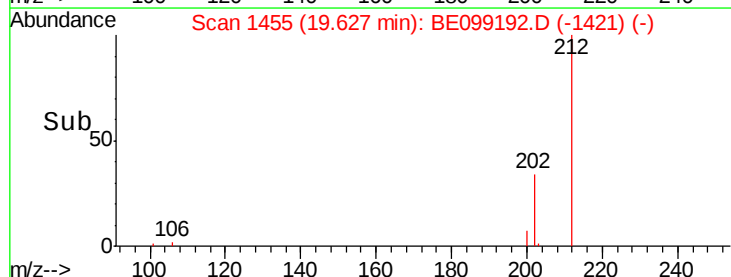
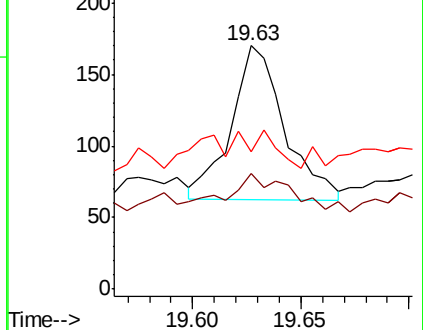
203 16.4 14.1 21.1



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: 0.363 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190318

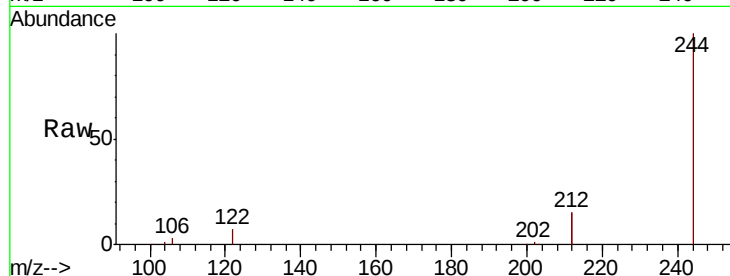
Tgt Ion:244 Resp: 28690

Ion Ratio Lower Upper

244 100

212 29.5 22.7 34.1

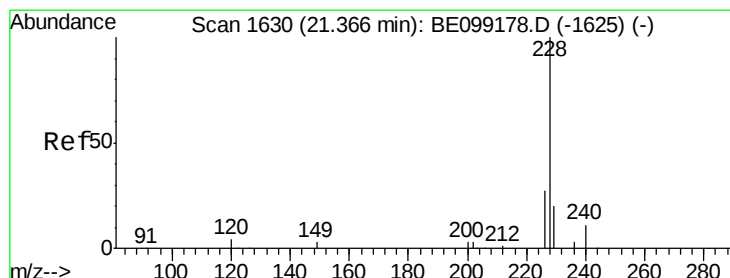
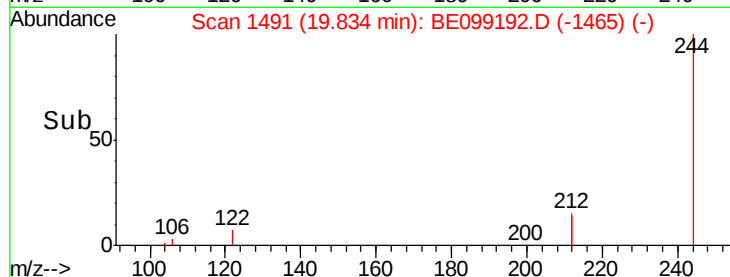
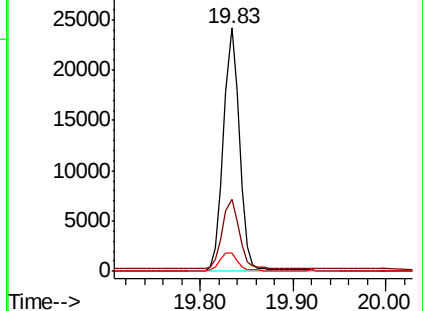
122 7.4 5.8 8.6



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: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

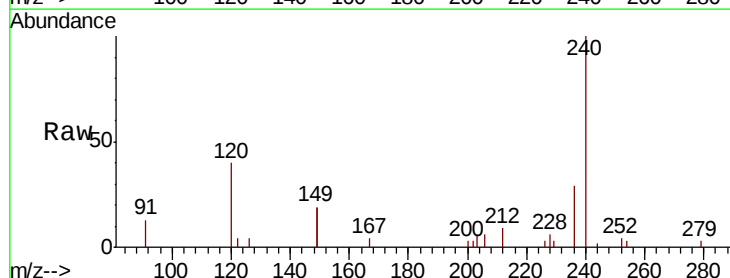
Tgt Ion:228 Resp: 304

Ion Ratio Lower Upper

228 100

226 54.0 21.7 32.5#

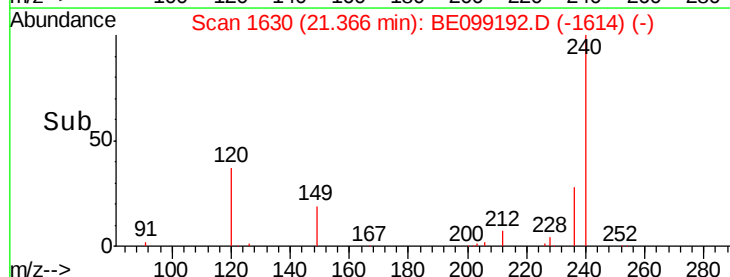
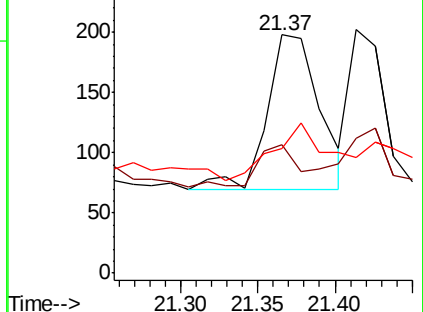
229 52.5 15.9 23.9#



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: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190318

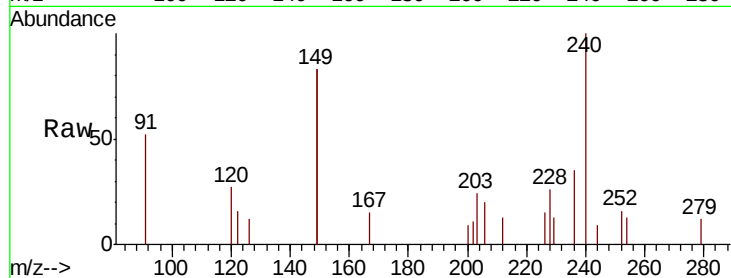
Tgt Ion:228 Resp: 224

Ion Ratio Lower Upper

228 100

226 55.4 24.8 37.2#

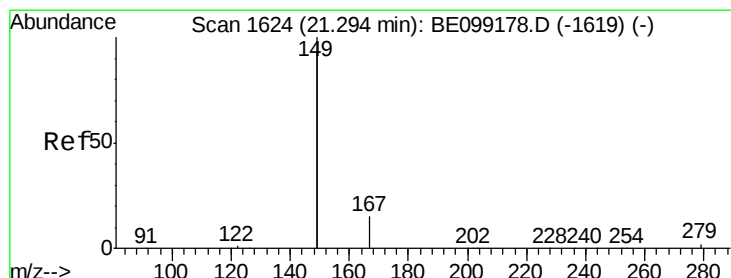
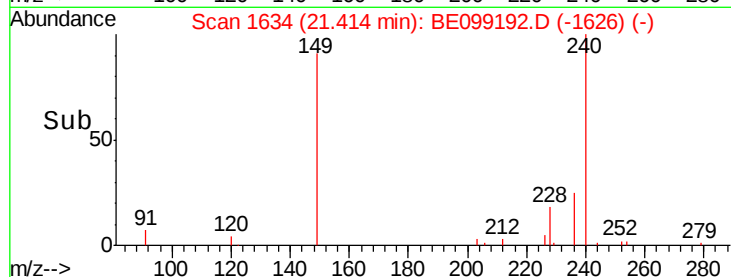
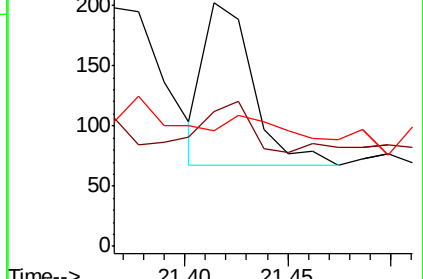
229 47.5 15.4 23.0#



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: 0.031 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

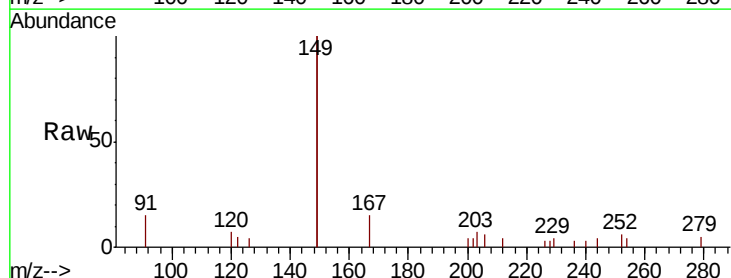
Tgt Ion:149 Resp: 4447

Ion Ratio Lower Upper

149 100

167 8.3 5.9 8.9

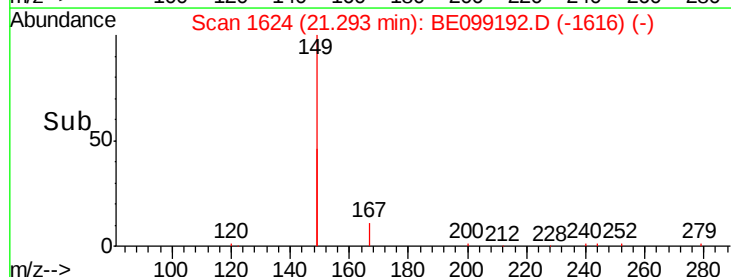
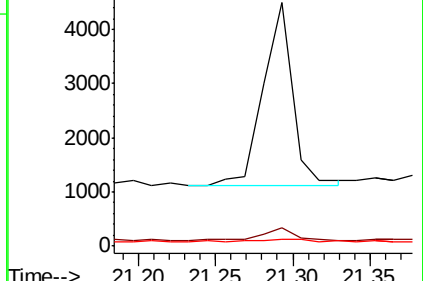
279 2.1 1.0 1.6#

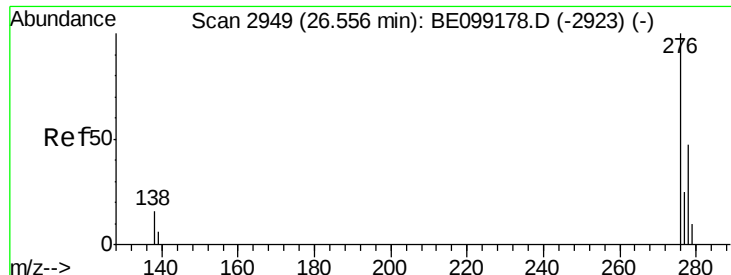


Abundance Ion 149.00 (148.70 to 149.70): E

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: 26.55 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190318

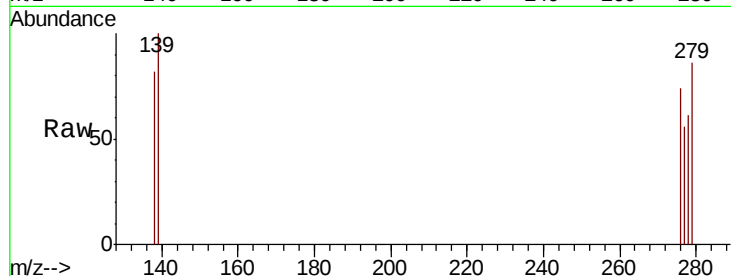
Tgt Ion:276 Resp: 51

Ion Ratio Lower Upper

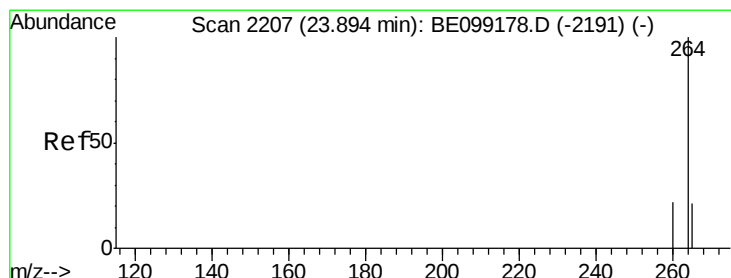
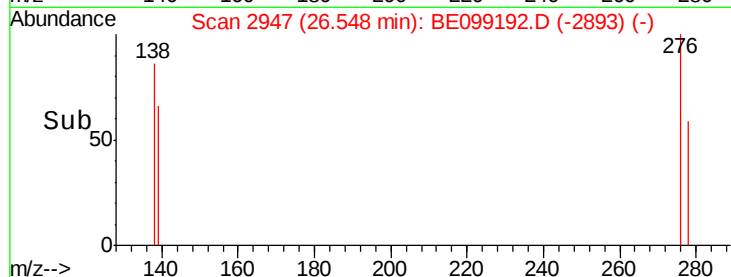
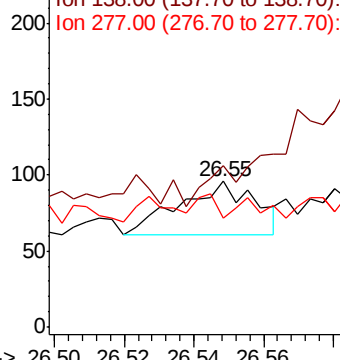
276 100

138 0.0 12.9 19.3#

277 13.7 18.3 27.5#



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: 23.89 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

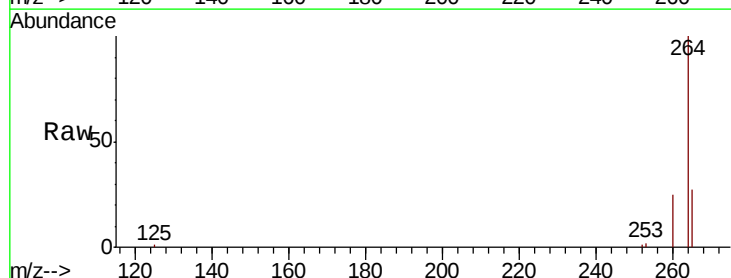
Tgt Ion:264 Resp: 35364

Ion Ratio Lower Upper

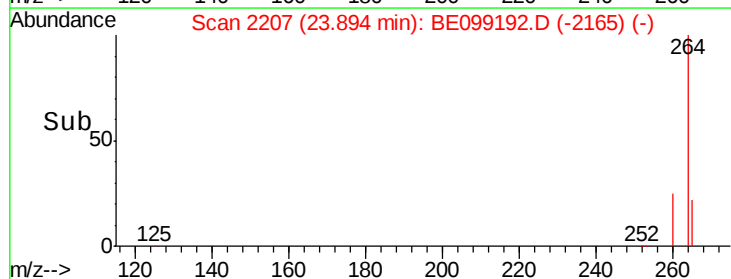
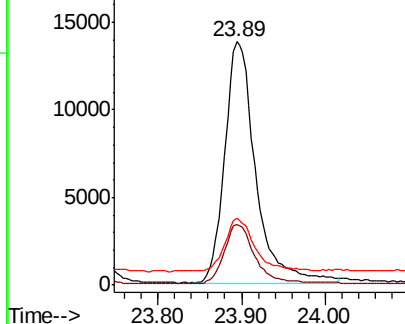
264 100

260 25.0 18.2 27.2

265 27.5 21.8 32.8



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

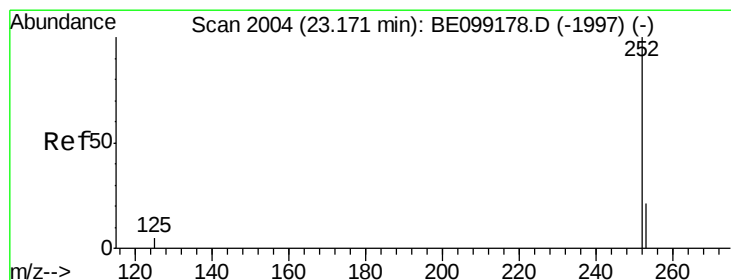
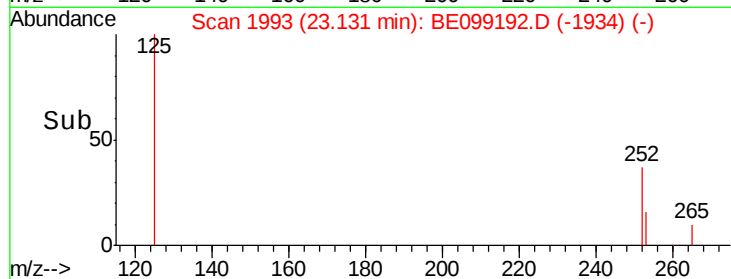
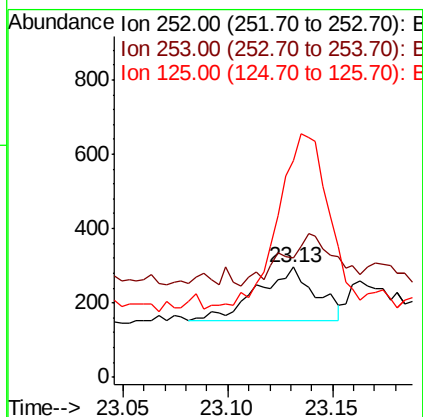
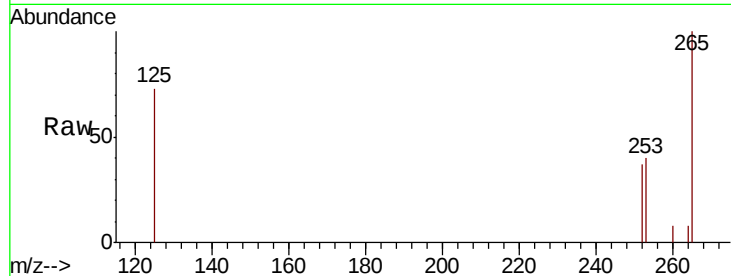




#35
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 23.13 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

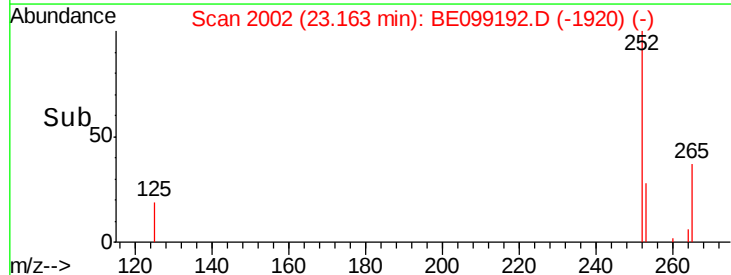
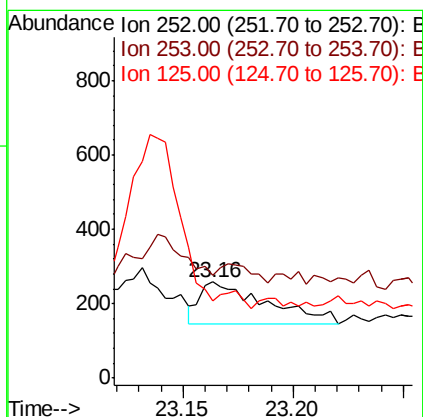
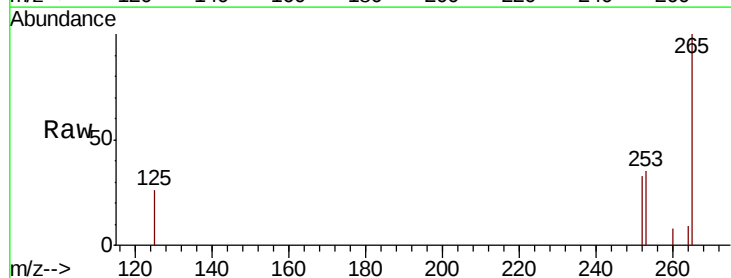
Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

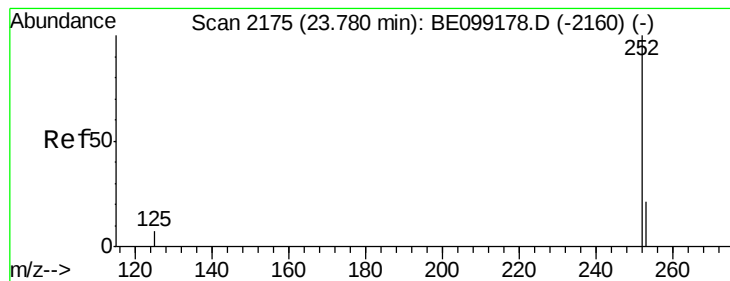
Tgt Ion: 252 Resp: 275
Ion Ratio Lower Upper
252 100
253 108.4 17.8 26.8#
125 196.6 6.1 9.1#



#36
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 23.16 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion: 252 Resp: 234
Ion Ratio Lower Upper
252 100
253 106.6 17.8 26.6#
125 81.0 5.9 8.9#





#37

Benzo(a)pyrene

Concen: 0.001 ng

RT: 23.79 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190318

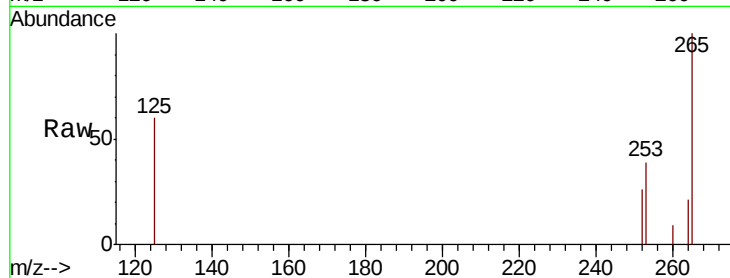
Tgt Ion: 252 Resp: 80

Ion Ratio Lower Upper

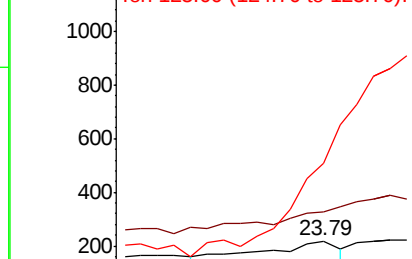
252 100

253 150.0 18.1 27.1#

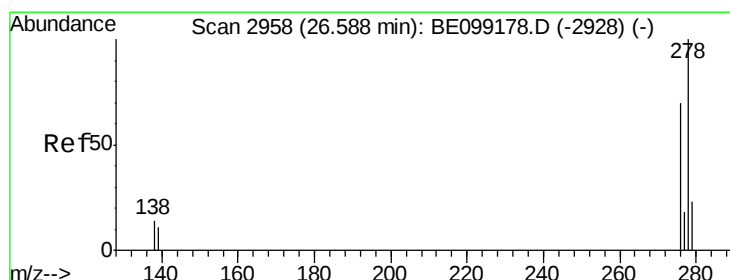
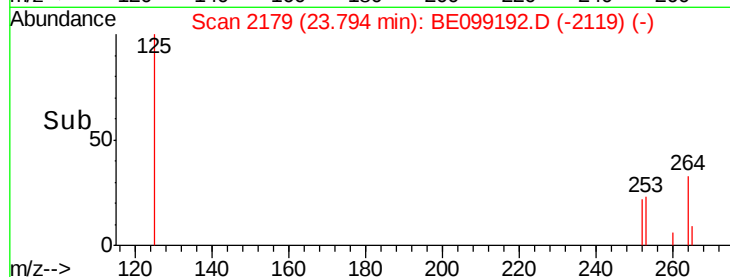
125 233.0 6.8 10.2#



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-->



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.58 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BE099192.D

Acq: 25 Mar 2019 22:46

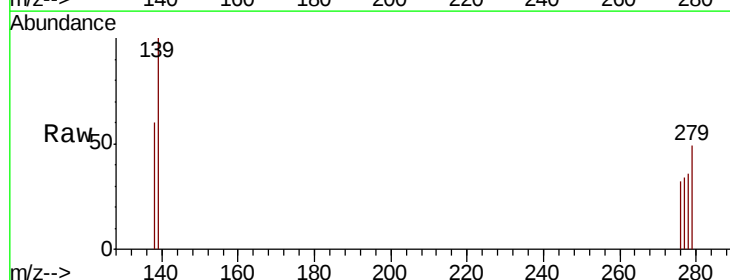
Tgt Ion: 278 Resp: 18

Ion Ratio Lower Upper

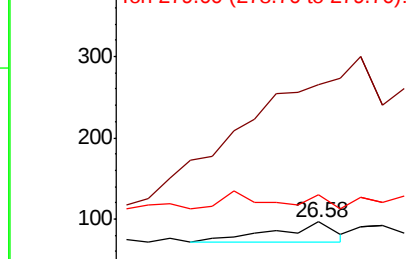
278 100

139 276.0 9.5 14.3#

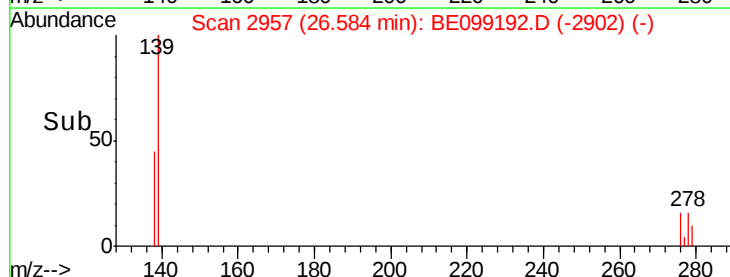
279 135.4 19.1 28.7#

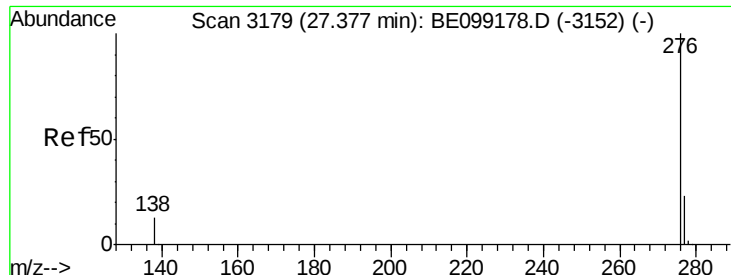


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#39

Benzo(g,h,i)perylene

Concen: 0.000 ng

RT: 27.37 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BE099192.D

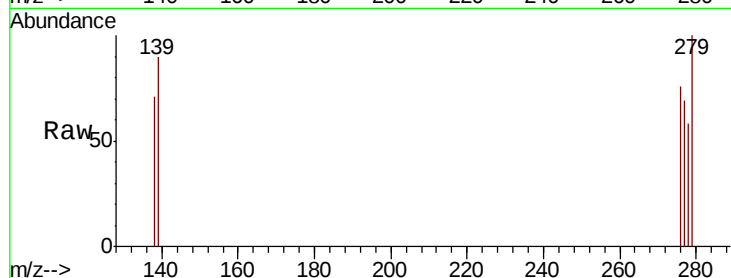
Acq: 25 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190318



Tgt Ion: 276 Resp: 12

Ion Ratio Lower Upper

276 100

277 91.7 19.0 28.4#

138 94.0 11.1 16.7#

