

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099000.D
 Acq On : 18 Mar 2019 14:42
 Operator : JU/SJ
 Sample : PB117987BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117987BSD

Quant Time: Mar 19 01:52:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	809	0.40	ng	0.01
7) Naphthalene-d8	10.59	136	3848	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2545	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5649	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6449	0.40	ng	0.00
34) Perylene-d12	23.90	264	6075	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	626	0.26	ng	0.03
5) Phenol-d6	7.01	99	1218	0.36	ng	0.02
8) Nitrobenzene-d5	8.99	82	1680	0.42	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	2712	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	306	0.24	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	5816	0.55	ng	0.00
25) Fluoranthene-d10	19.25	212	32443	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	19070	1.22	ng	0.00

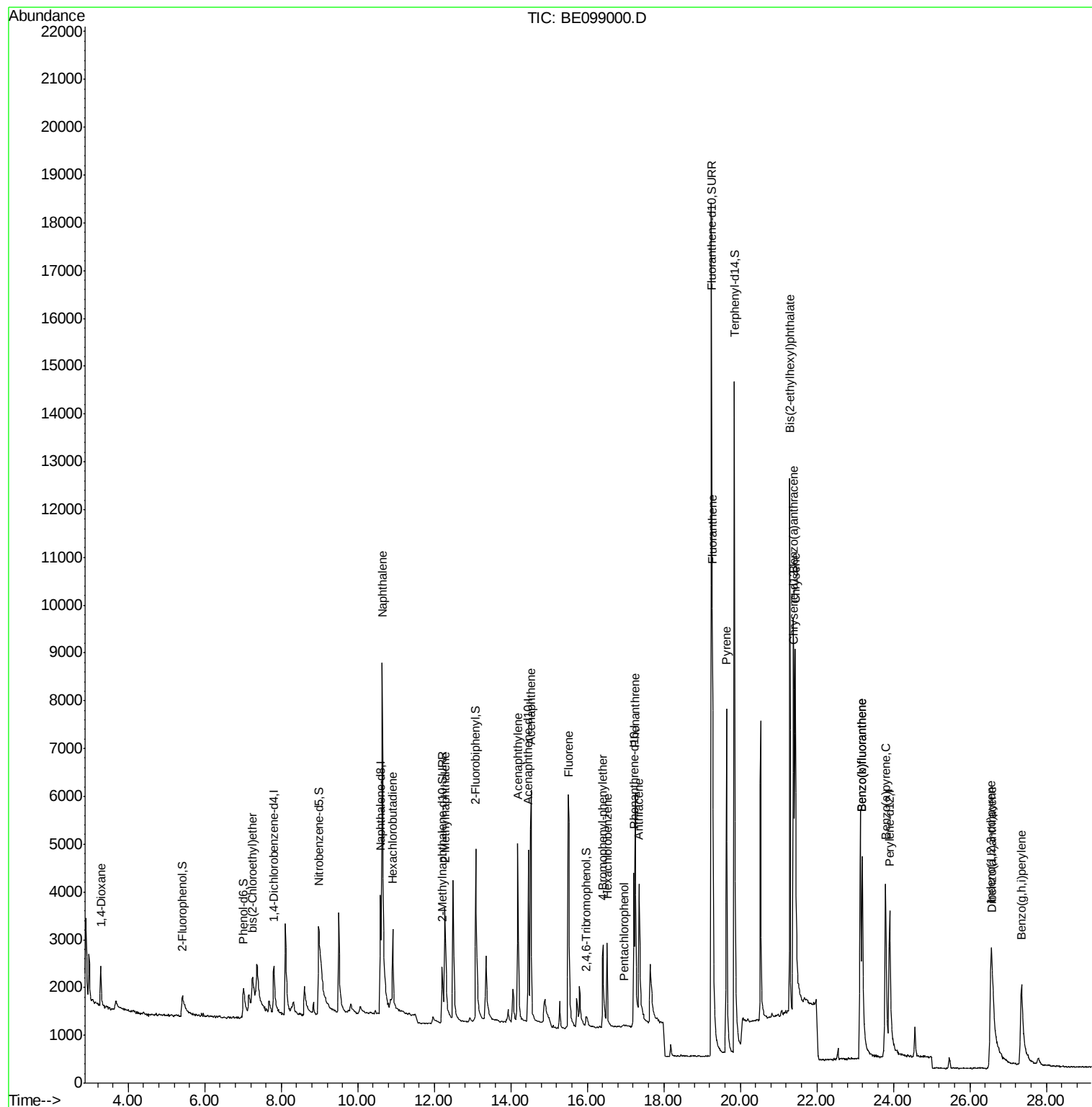
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	552	0.339	ng	92
6) bis(2-Chloroethyl)ether	7.25	93	721	0.273	ng	86
9) Naphthalene	10.64	128	17487	0.397	ng	100
10) Hexachlorobutadiene	10.91	225	1122	0.385	ng	98
12) 2-Methylnaphthalene	12.28	142	2572	0.360	ng	98
16) Acenaphthylene	14.18	152	4995	0.382	ng	96
17) Acenaphthene	14.53	154	3038	0.391	ng	99
18) Fluorene	15.52	166	4127	0.369	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1360	0.444	ng	84
21) Hexachlorobenzene	16.52	284	1590	0.437	ng	97
22) Pentachlorophenol	16.96	266	50	0.305	ng	99
23) Phenanthrene	17.26	178	6571	0.409	ng	99
24) Anthracene	17.35	178	4873	0.355	ng	98
26) Fluoranthene	19.28	202	8429	0.372	ng	99
28) Pyrene	19.64	202	8594	0.436	ng	100
30) Benzo(a)anthracene	21.39	228	6940	0.345	ng	97
31) Chrysene	21.44	228	8446	0.392	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	12932	0.302	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	7249	0.319	ng	# 86
35) Benzo(b)fluoranthene	23.19	252	8909	0.446	ng	97
36) Benzo(k)fluoranthene	23.19	252	9652	0.462	ng	99
37) Benzo(a)pyrene	23.79	252	7770	0.406	ng	# 84
38) Dibenzo(a,h)anthracene	26.58	278	4648	0.257	ng	93
39) Benzo(g,h,i)perylene	27.35	276	5766	0.304	ng	# 96

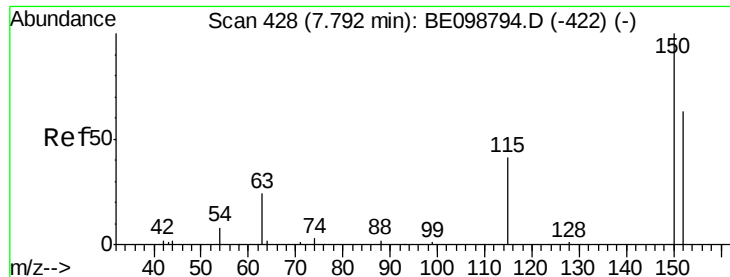
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
Data File : BE099000.D
Acq On : 18 Mar 2019 14:42
Operator : JU/SJ
Sample : PB117987BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Quant Time: Mar 19 01:52:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration



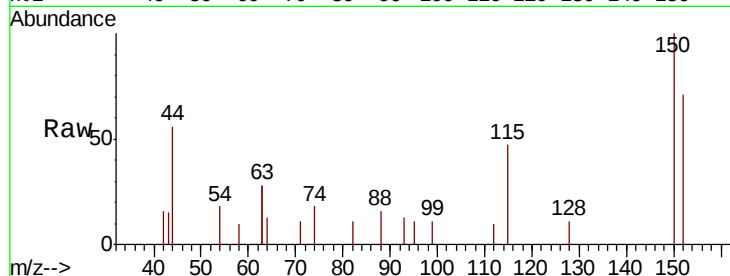


#1

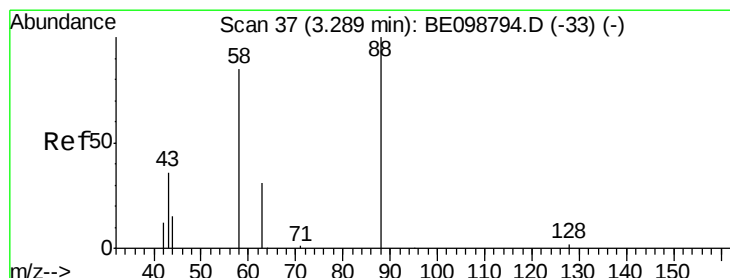
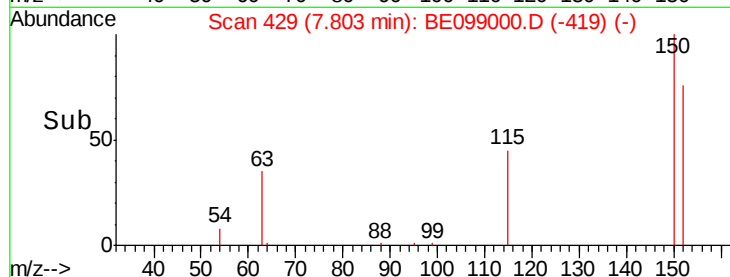
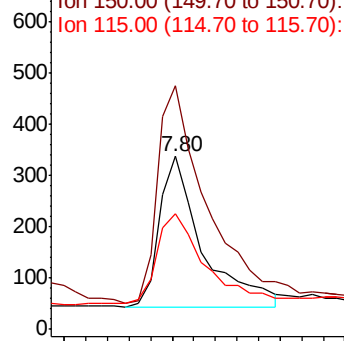
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion: 152 Resp: 809
Ion Ratio Lower Upper
152 100
150 140.9 122.5 183.7
115 66.8 57.4 86.2



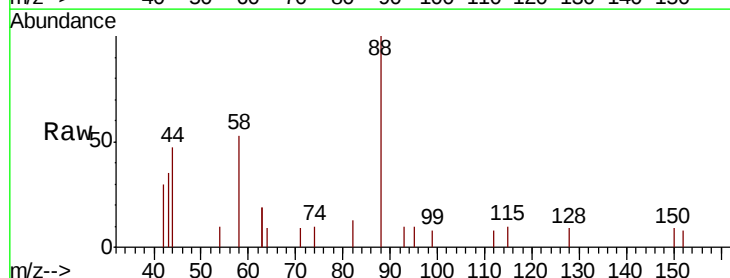
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



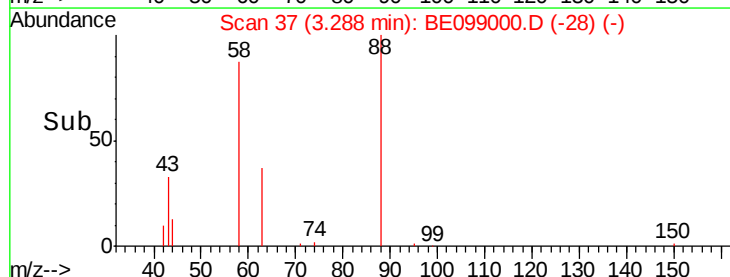
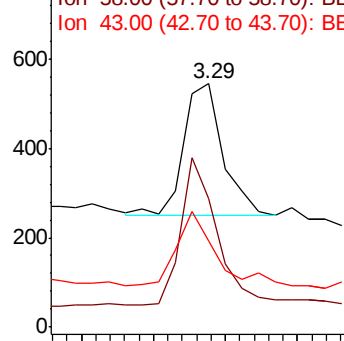
#2

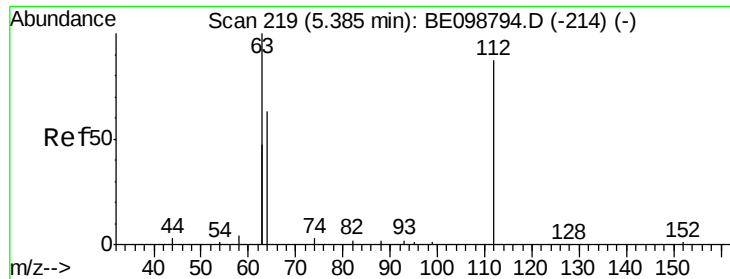
1,4-Dioxane
Concen: 0.339 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion: 88 Resp: 552
Ion Ratio Lower Upper
88 100
58 103.8 75.8 113.6
43 55.6 41.8 62.8



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





#4

2-Fluorophenol

Concen: 0.259 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.03 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

Instrument :

BNA_E

ClientSampleId :

PB117987BSD

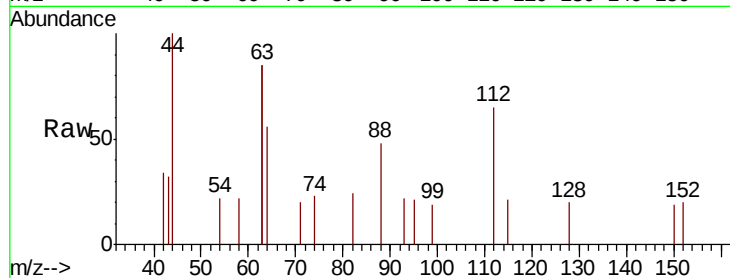
Tgt Ion: 112 Resp: 626

Ion Ratio Lower Upper

112 100

64 98.2 57.9 86.9#

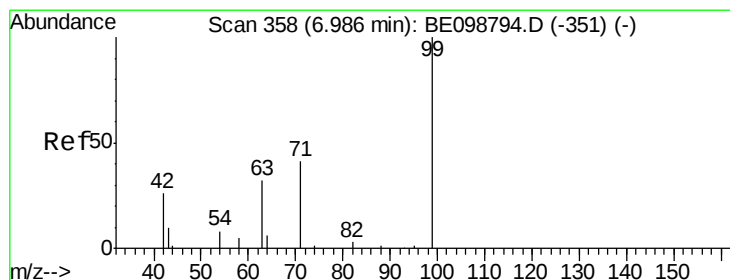
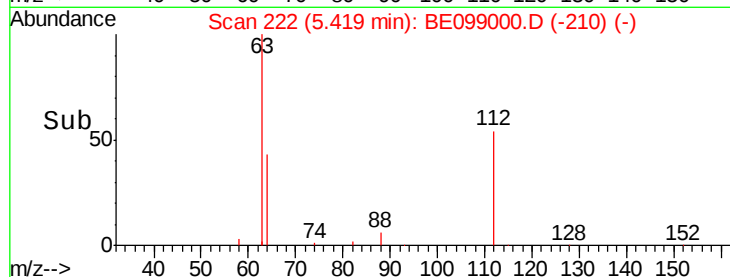
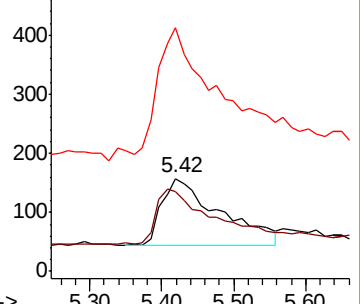
63 259.9 158.3 237.5#



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



#5

Phenol-d6

Concen: 0.357 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

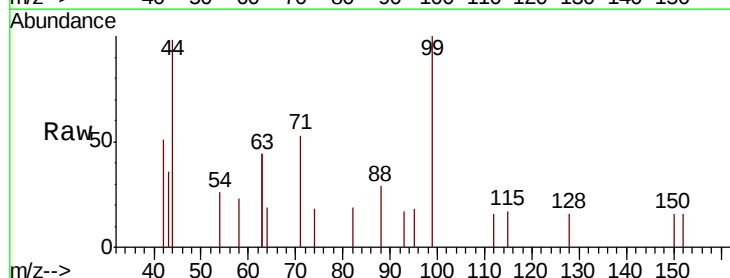
Tgt Ion: 99 Resp: 1218

Ion Ratio Lower Upper

99 100

42 30.5 24.2 36.2

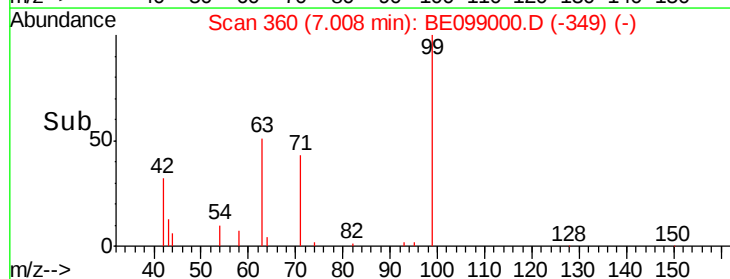
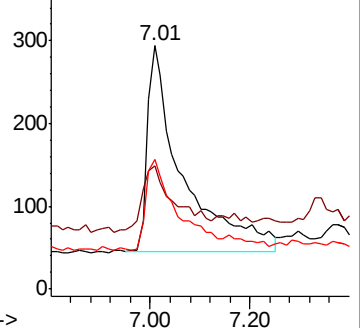
71 39.5 35.7 53.5

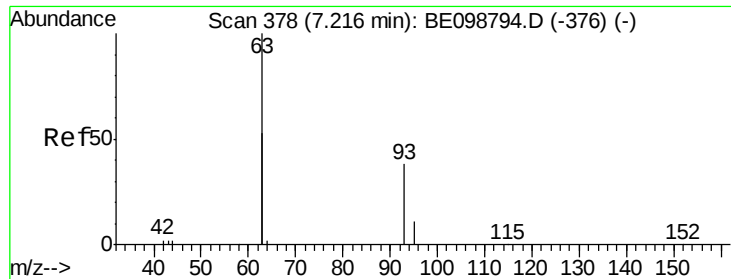


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.273 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.03 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

Instrument :

BNA_E

ClientSampleId :

PB117987BSD

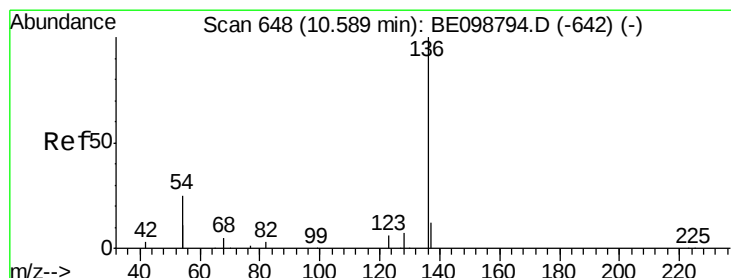
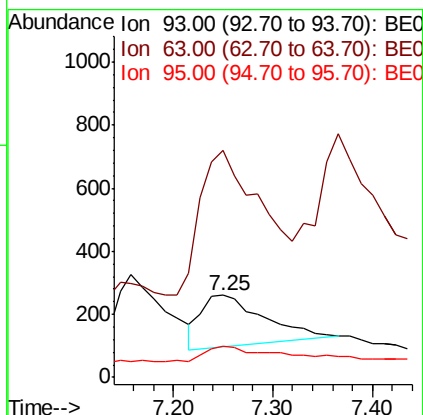
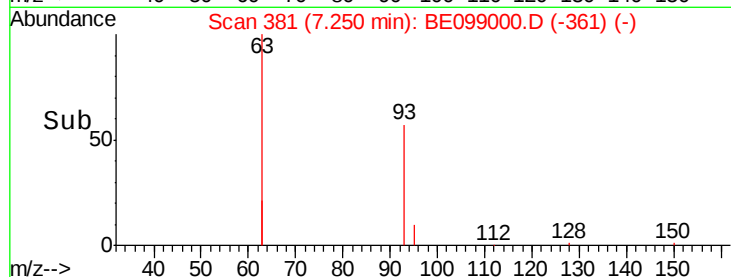
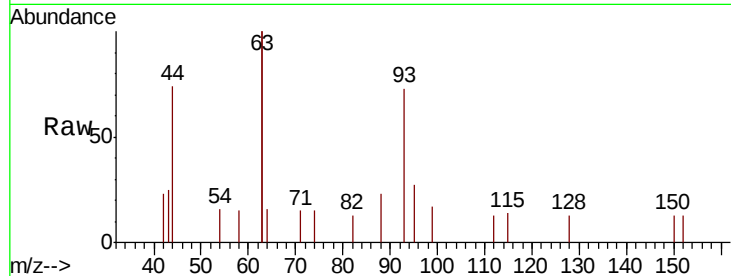
Tgt Ion: 93 Resp: 721

Ion Ratio Lower Upper

93 100

63 279.9 247.5 371.3

95 29.8 21.8 32.8



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

Tgt Ion: 136 Resp: 3848

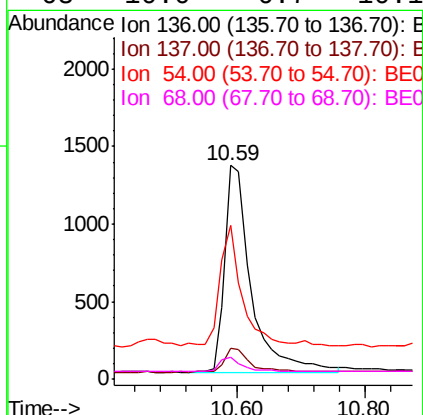
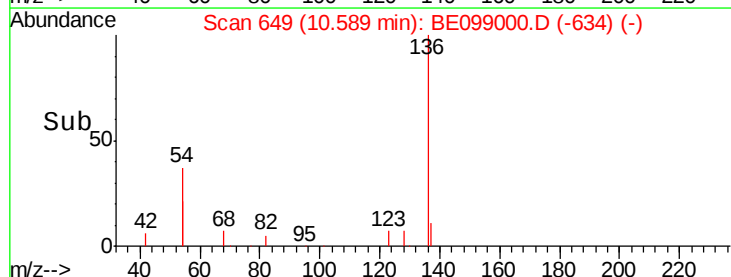
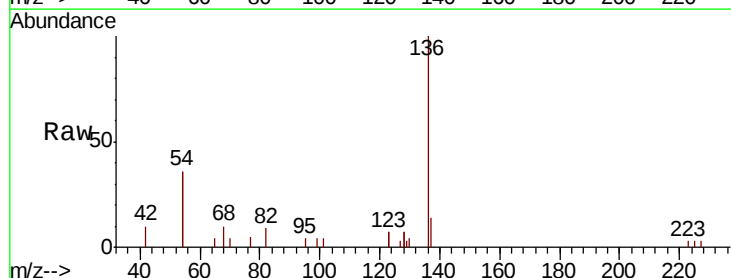
Ion Ratio Lower Upper

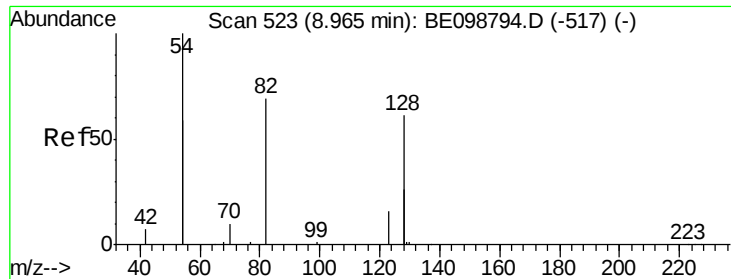
136 100

137 14.3 11.4 17.0

54 71.6 39.3 58.9#

68 10.0 6.7 10.1

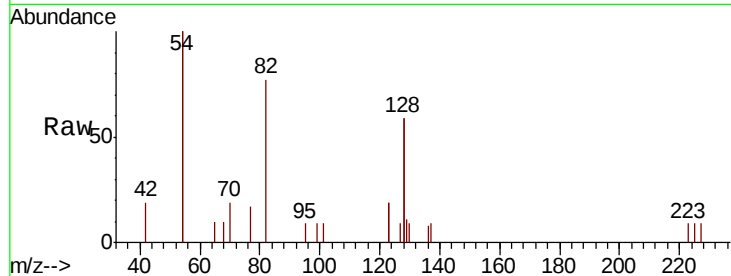




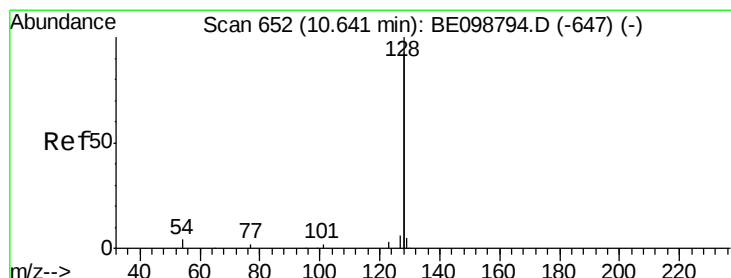
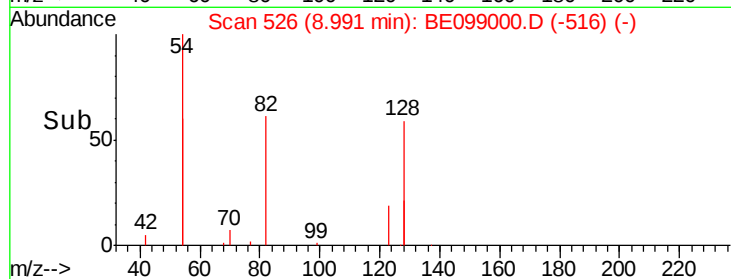
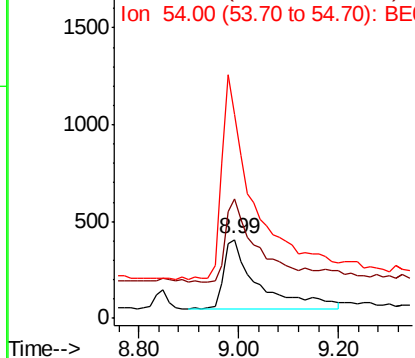
#8
 Nitrobenzene-d5
 Concen: 0.416 ng
 RT: 8.99 min Scan# 526
 Delta R.T. 0.03 min
 Lab File: BE099000.D
 Acq: 18 Mar 2019 14:42

Instrument :
 BNA_E
 ClientSampleId :
 PB117987BSD

Tgt Ion: 82 Resp: 1680
 Ion Ratio Lower Upper
 82 100
 128 152.2 123.8 185.8
 54 260.1 203.4 305.2

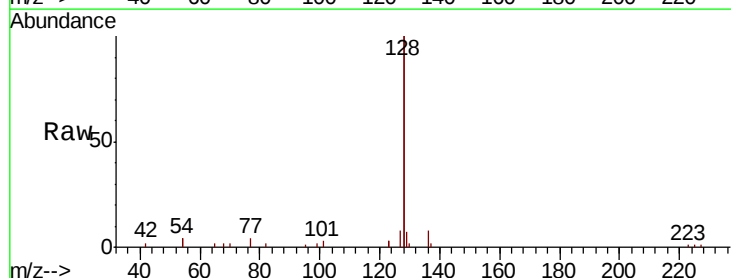


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

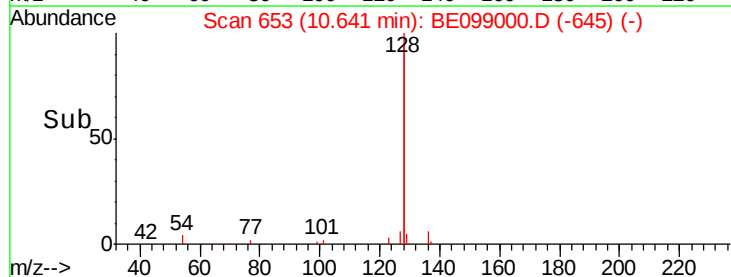
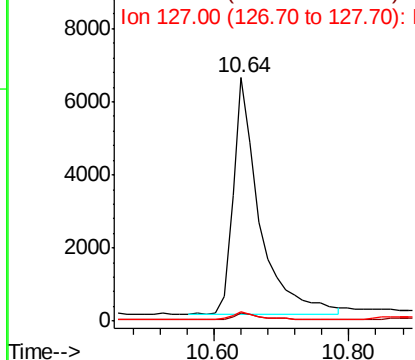


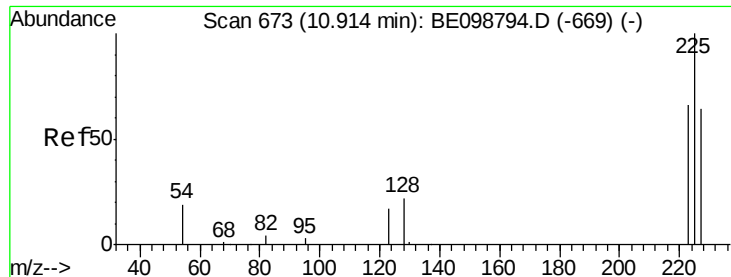
#9
 Naphthalene
 Concen: 0.397 ng
 RT: 10.64 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BE099000.D
 Acq: 18 Mar 2019 14:42

Tgt Ion: 128 Resp: 17487
 Ion Ratio Lower Upper
 128 100
 129 3.4 2.6 4.0
 127 3.9 3.1 4.7



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

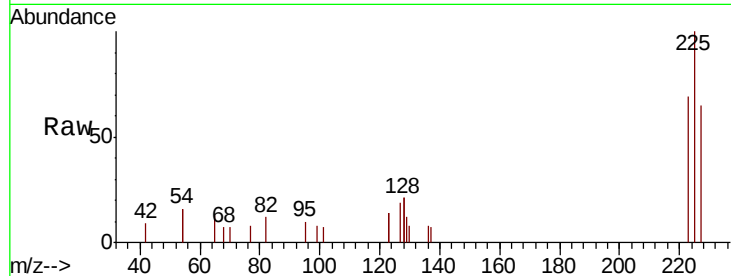




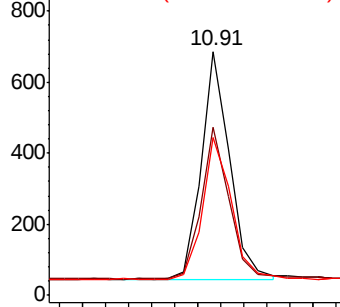
#10
Hexachlorobutadiene
Concen: 0.385 ng
RT: 10.91 min Scan# 674
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

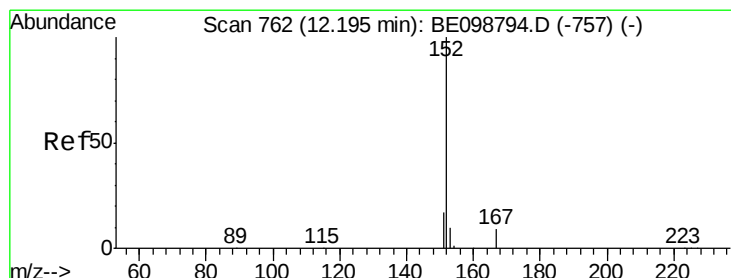
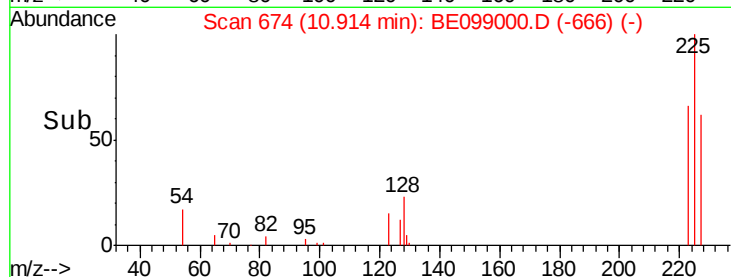
Tgt Ion: 225 Resp: 1122
Ion Ratio Lower Upper
225 100
223 65.5 51.1 76.7
227 62.8 51.6 77.4



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

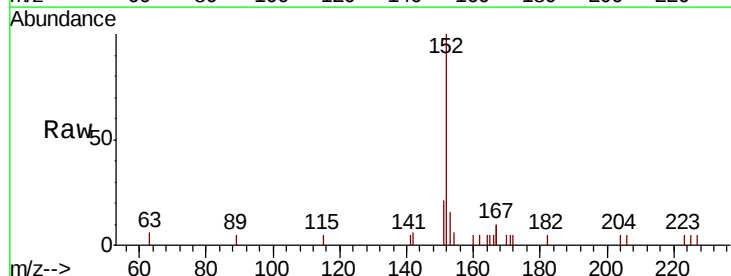


Time-->

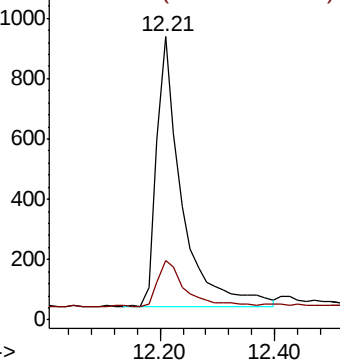


#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.21 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

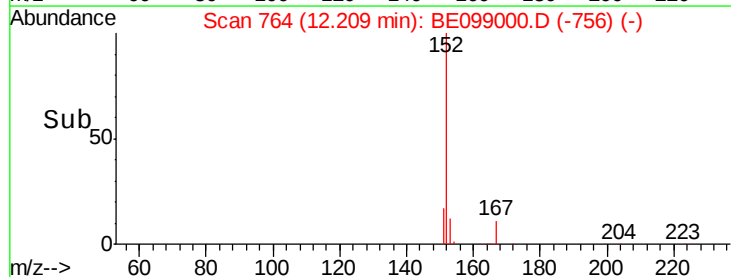
Tgt Ion: 152 Resp: 2712
Ion Ratio Lower Upper
152 100
151 19.0 16.5 24.7

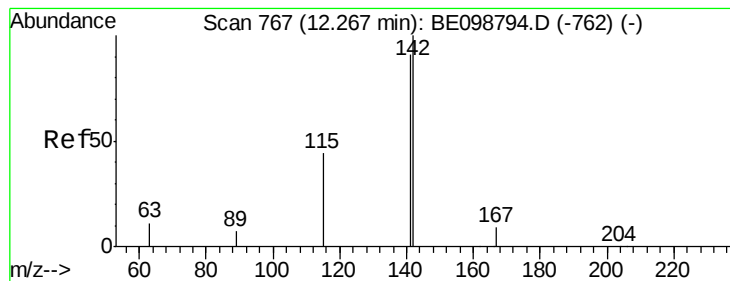


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E



Time-->





#12

2-Methylnaphthalene

Concen: 0.360 ng

RT: 12.28 min Scan# 769

Delta R.T. 0.01 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

Instrument :

BNA_E

ClientSampleId :

PB117987BSD

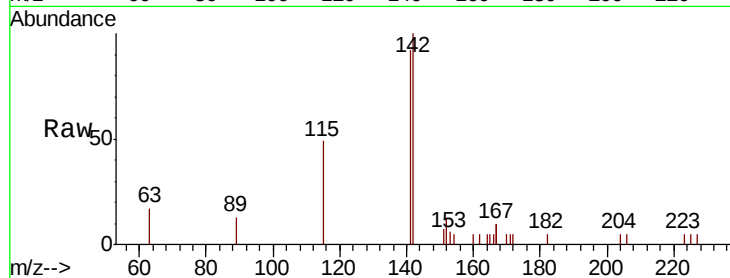
Tgt Ion:142 Resp: 2572

Ion Ratio Lower Upper

142 100

141 92.0 72.6 108.8

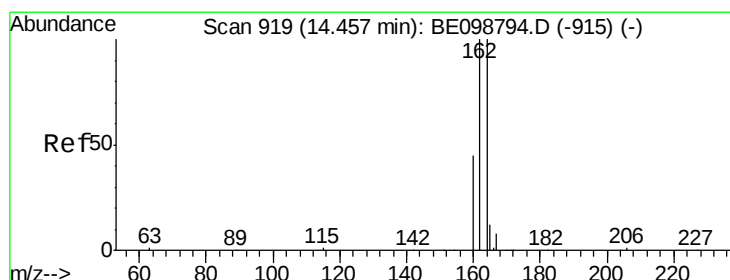
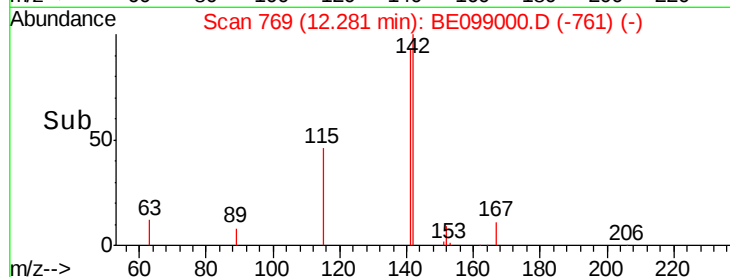
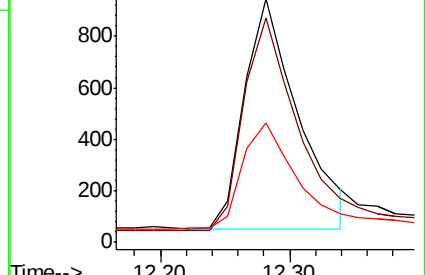
115 49.0 37.4 56.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

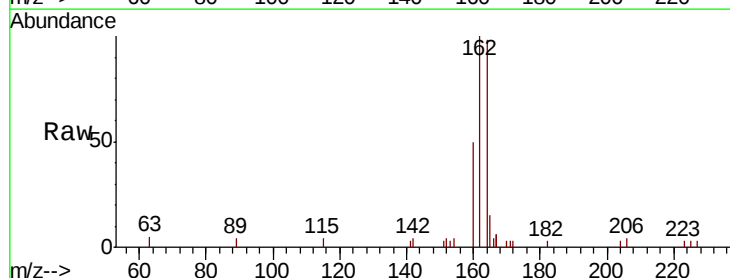
Tgt Ion:164 Resp: 2545

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

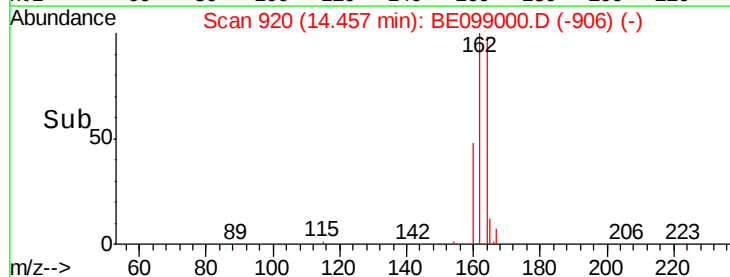
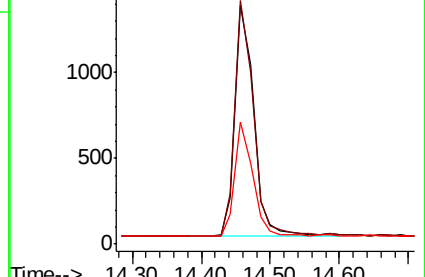
160 50.9 37.8 56.8

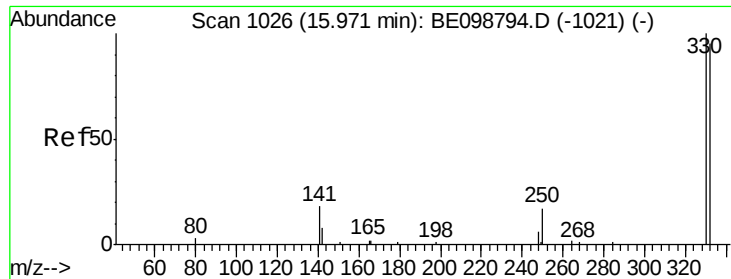


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

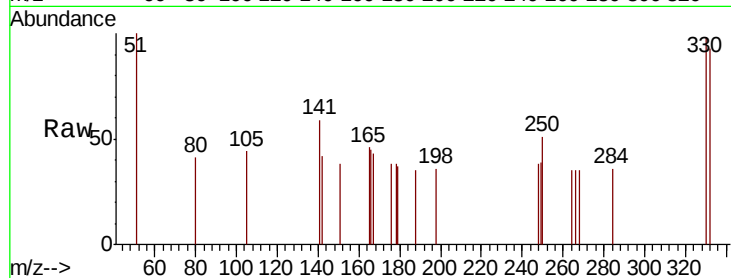




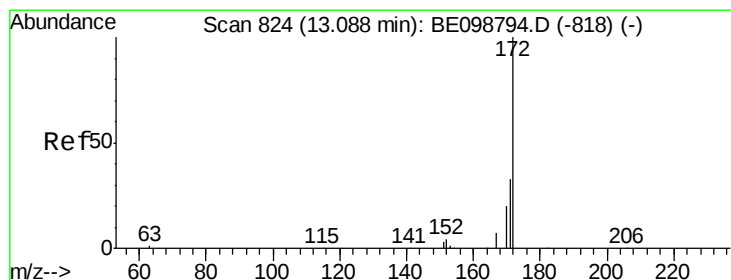
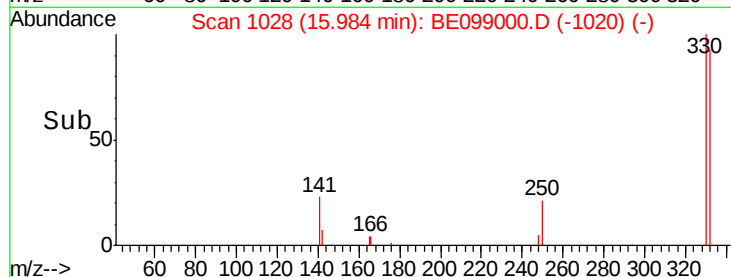
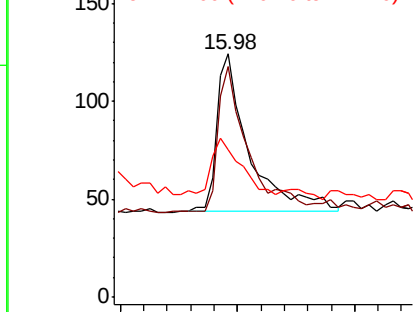
#14
 2,4,6-Tribromophenol
 Concen: 0.238 ng
 RT: 15.98 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BE099000.D
 Acq: 18 Mar 2019 14:42

Instrument :
 BNA_E
 ClientSampleId :
 PB117987BSD

Tgt Ion: 330 Resp: 306
 Ion Ratio Lower Upper
 330 100
 332 84.6 77.6 116.4
 141 34.3 31.0 46.4

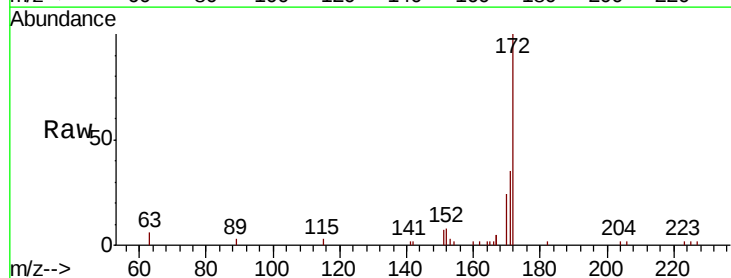


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

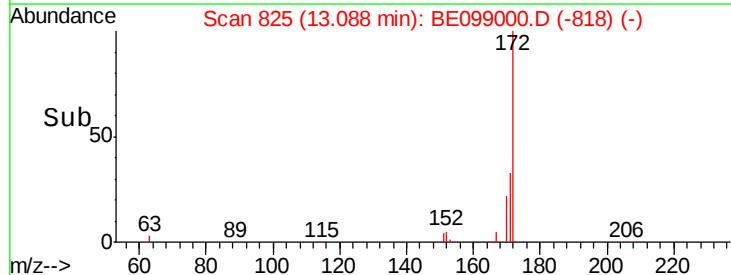
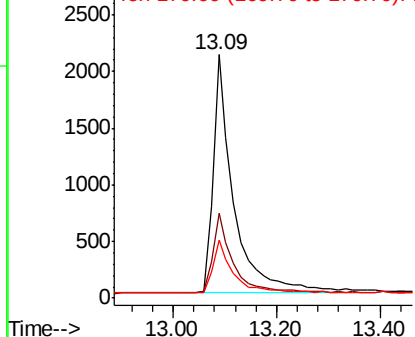


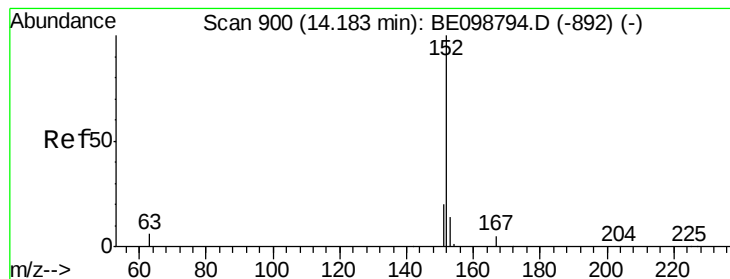
#15
 2-Fluorobiphenyl
 Concen: 0.552 ng
 RT: 13.09 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099000.D
 Acq: 18 Mar 2019 14:42

Tgt Ion: 172 Resp: 5816
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.0 42.0
 170 23.8 17.7 26.5



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: 0.382 ng

RT: 14.18 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

Instrument :

BNA_E

ClientSampleId :

PB117987BSD

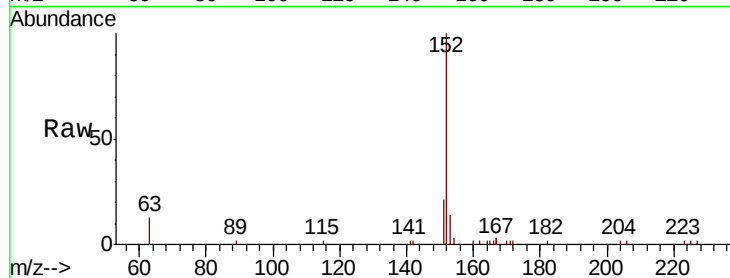
Tgt Ion:152 Resp: 4995

Ion Ratio Lower Upper

152 100

151 19.2 17.0 25.6

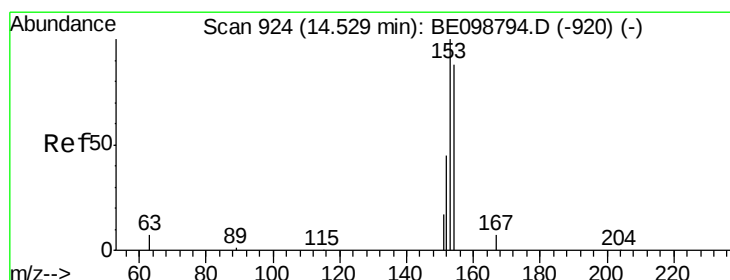
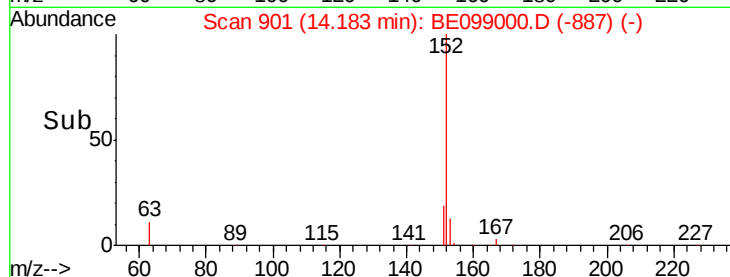
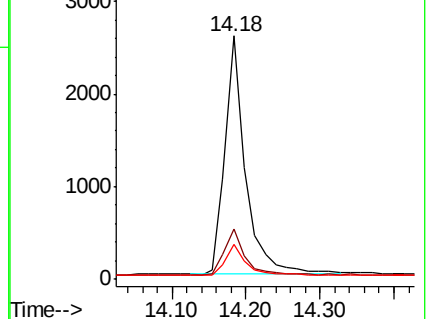
153 13.0 11.2 16.8



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: 0.391 ng

RT: 14.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

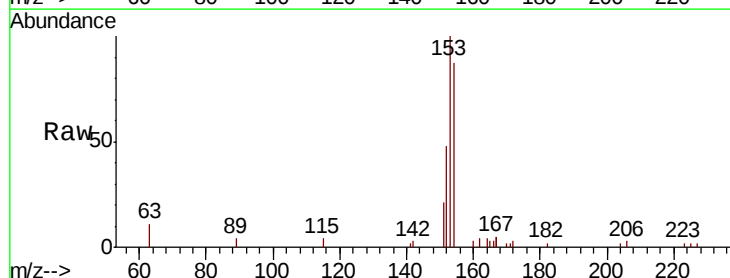
Tgt Ion:154 Resp: 3038

Ion Ratio Lower Upper

154 100

153 116.4 94.2 141.4

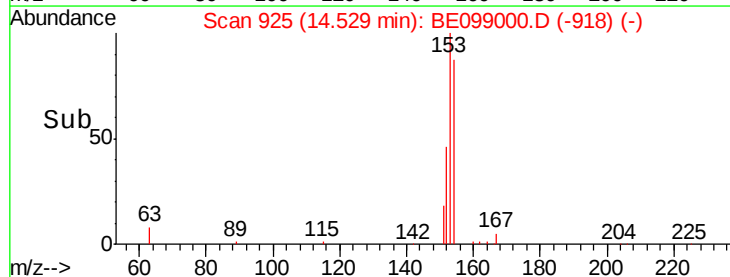
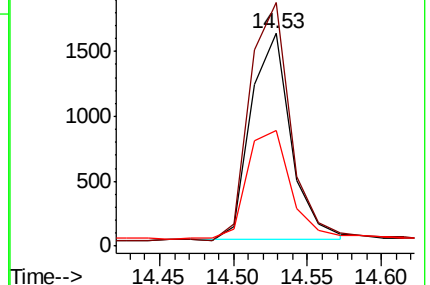
152 57.2 45.0 67.4

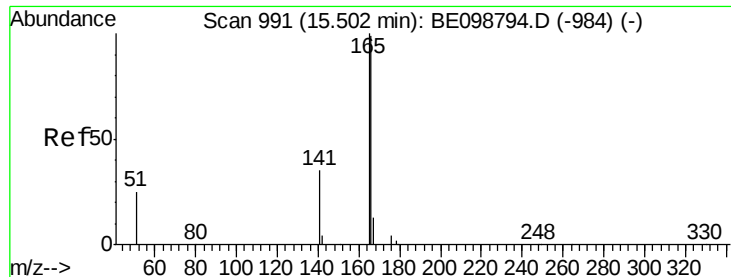


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

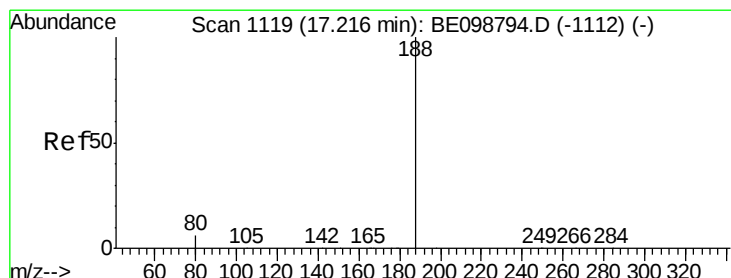
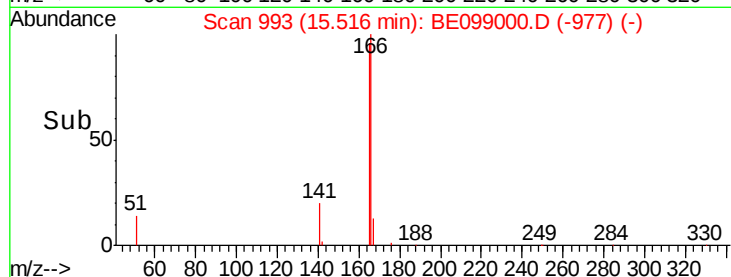
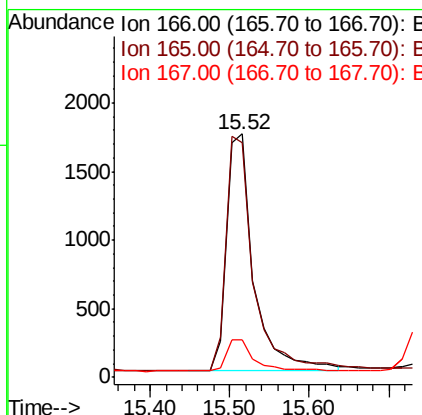
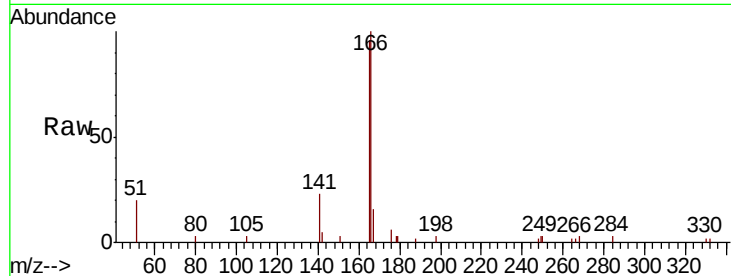




#18
 Fluorene
 Concen: 0.369 ng
 RT: 15.52 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BE099000.D
 Acq: 18 Mar 2019 14:42

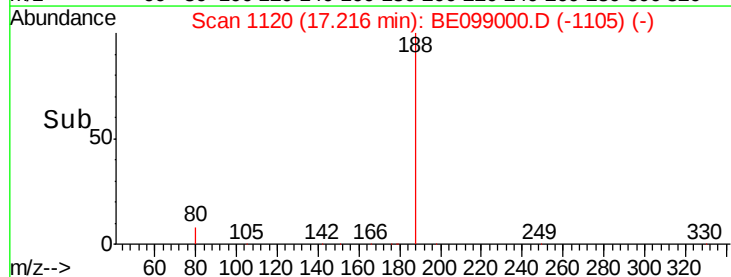
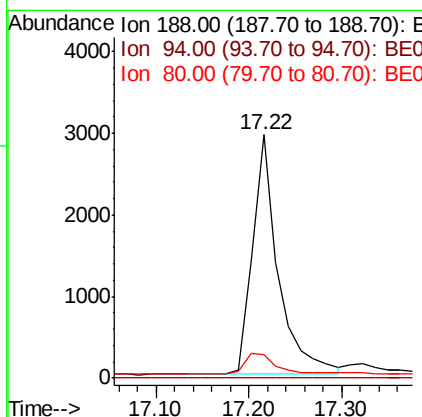
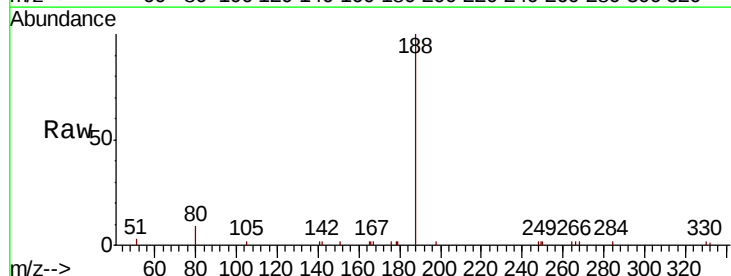
Instrument :
 BNA_E
 ClientSampleId :
 PB117987BSD

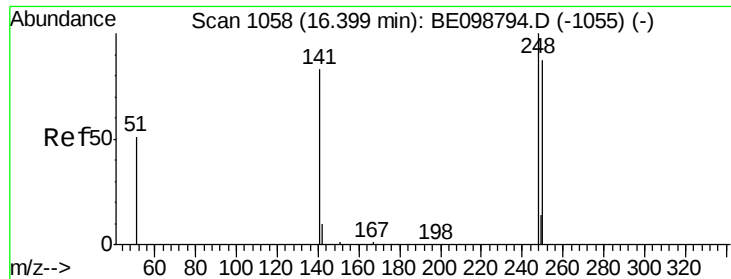
Tgt Ion:166 Resp: 4127
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.3 118.9
 167 13.5 10.5 15.7



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.22 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE099000.D
 Acq: 18 Mar 2019 14:42

Tgt Ion:188 Resp: 5649
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.4 6.3 9.5

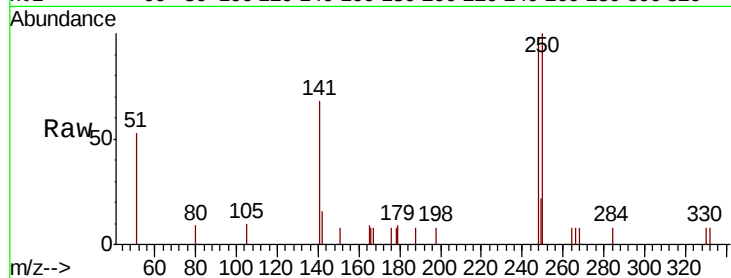




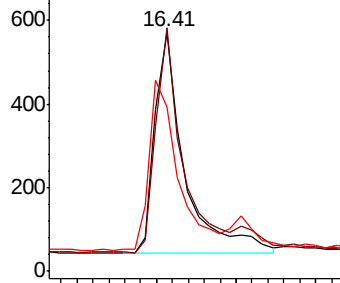
#20
4-Bromophenyl-phenylether
Concen: 0.444 ng
RT: 16.41 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

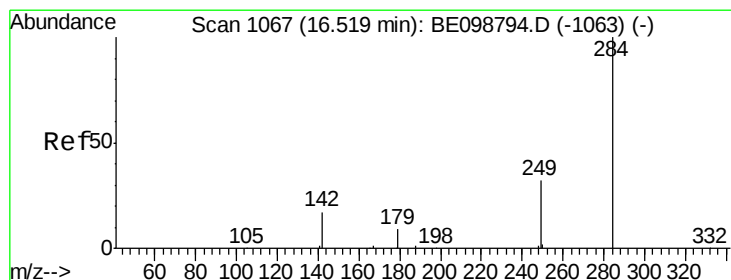
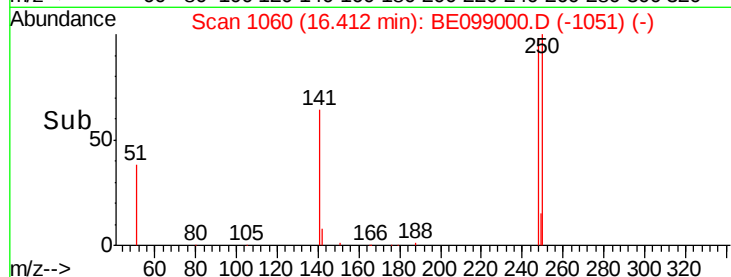
Tgt Ion:248 Resp: 1360
Ion Ratio Lower Upper
248 100
250 101.9 70.6 105.8
141 69.0 68.6 102.8



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

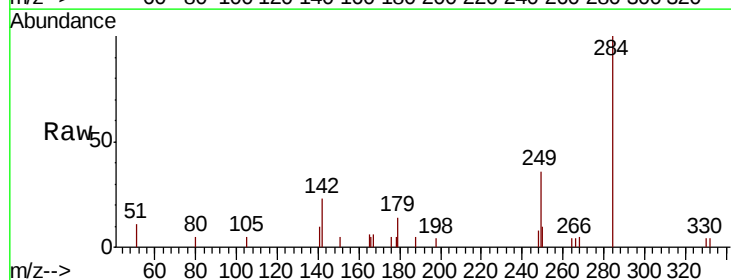


Time-->

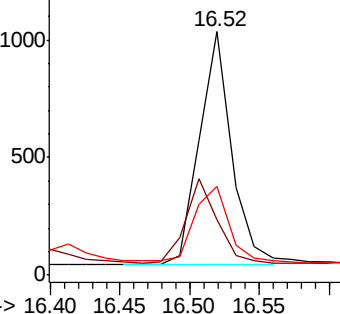


#21
Hexachlorobenzene
Concen: 0.437 ng
RT: 16.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

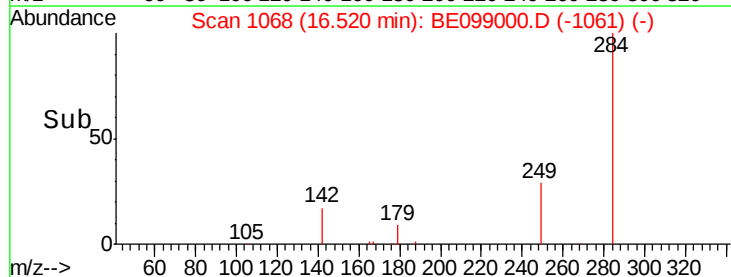
Tgt Ion:284 Resp: 1590
Ion Ratio Lower Upper
284 100
142 35.0 28.7 43.1
249 33.8 29.6 44.4

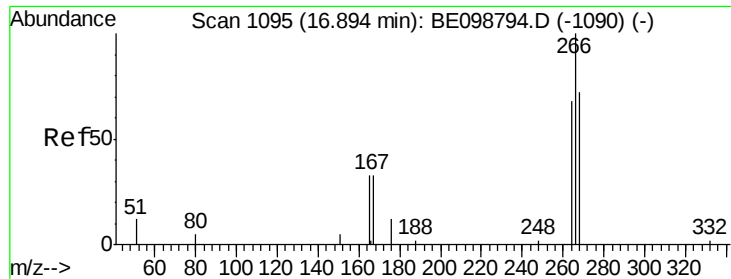


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->





#22

Pentachlorophenol

Concen: 0.305 ng

RT: 16.96 min Scan# 1101

Delta R.T. 0.07 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

Instrument :

BNA_E

ClientSampleId :

PB117987BSD

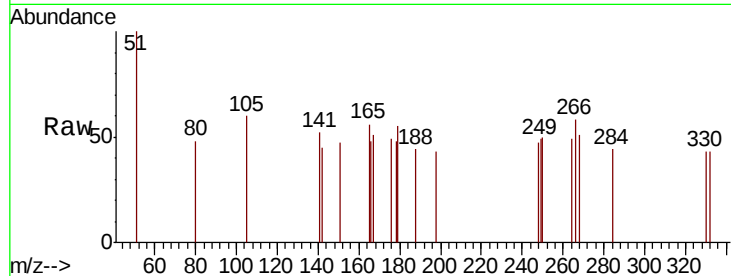
Tgt Ion:266 Resp: 50

Ion Ratio Lower Upper

266 100

264 83.3 66.6 100.0

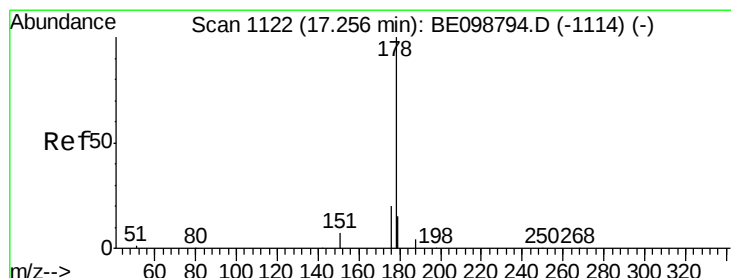
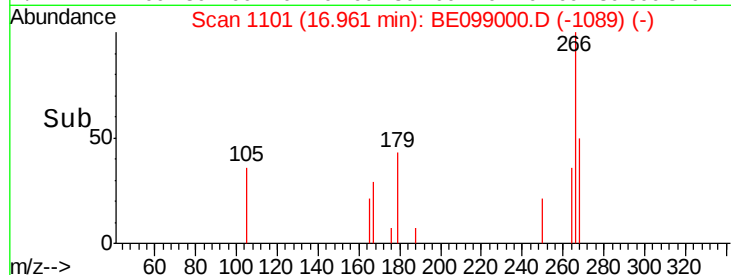
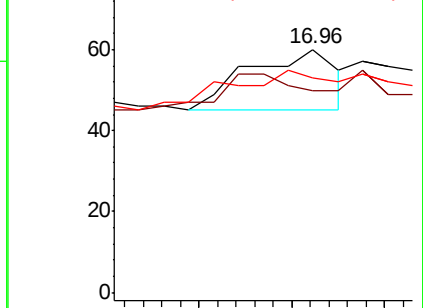
268 88.3 69.8 104.8



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: 0.409 ng

RT: 17.26 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

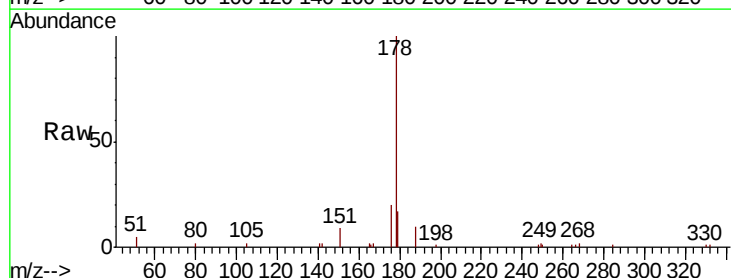
Tgt Ion:178 Resp: 6571

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

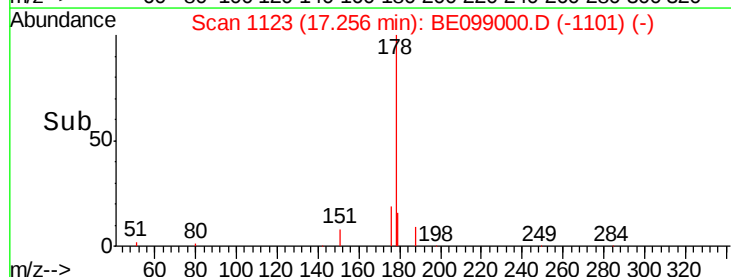
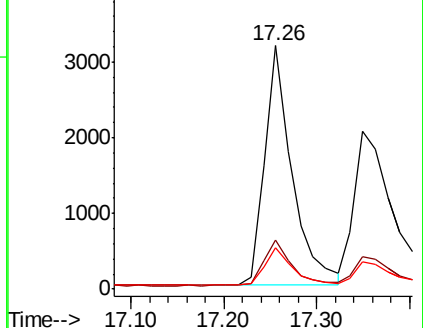
179 15.8 12.1 18.1

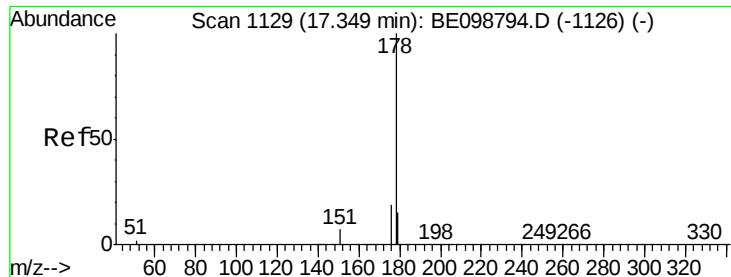


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.355 ng

RT: 17.35 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

Instrument :

BNA_E

ClientSampleId :

PB117987BSD

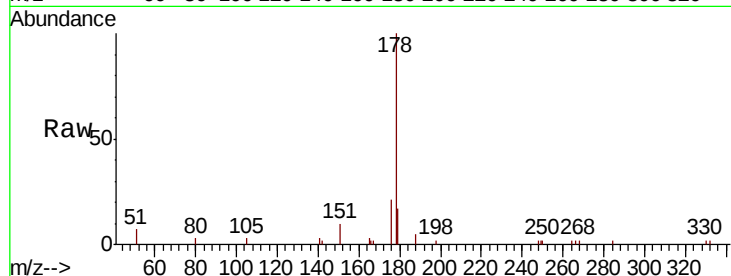
Tgt Ion:178 Resp: 4873

Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.0

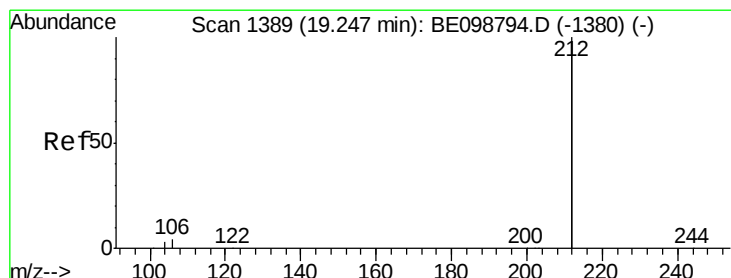
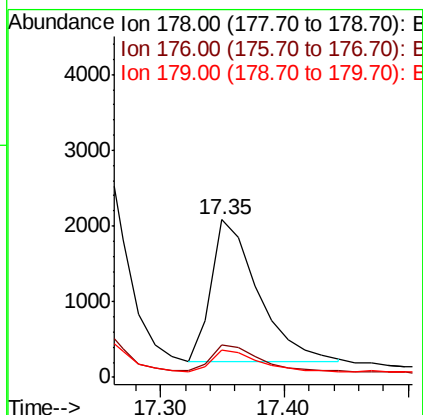
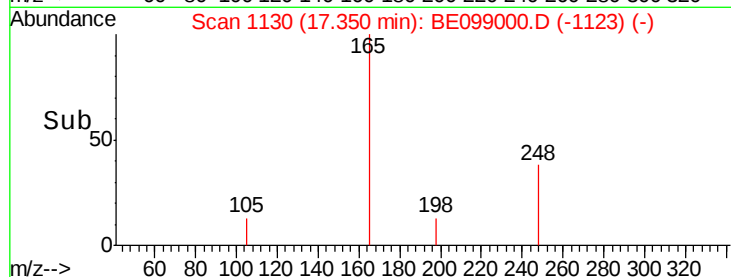
179 15.0 12.2 18.4



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: 0.360 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

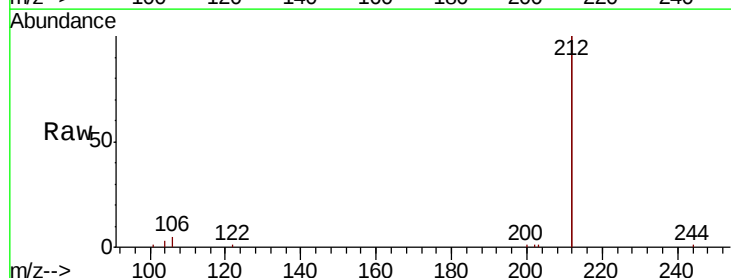
Tgt Ion:212 Resp: 32443

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

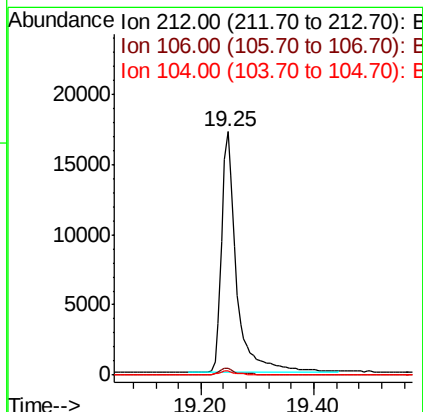
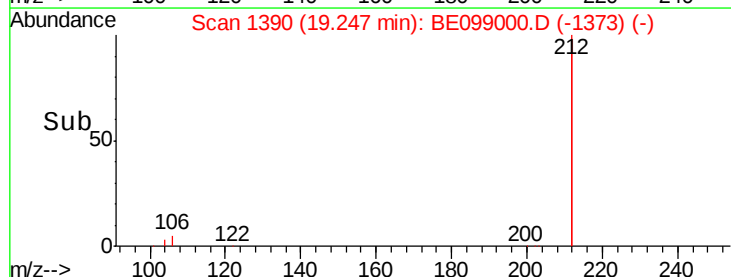
104 1.4 1.0 1.6

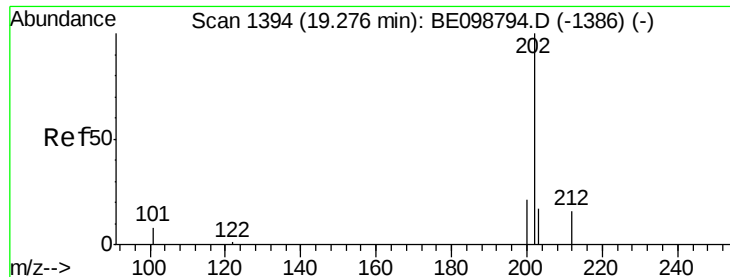


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

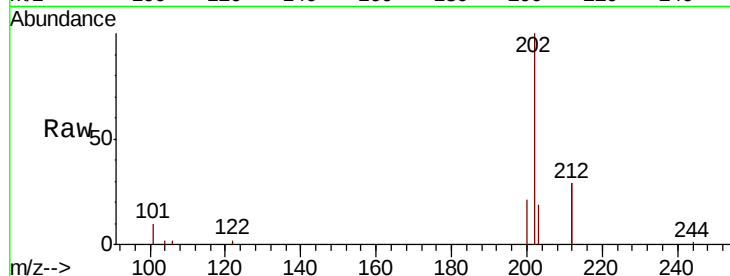




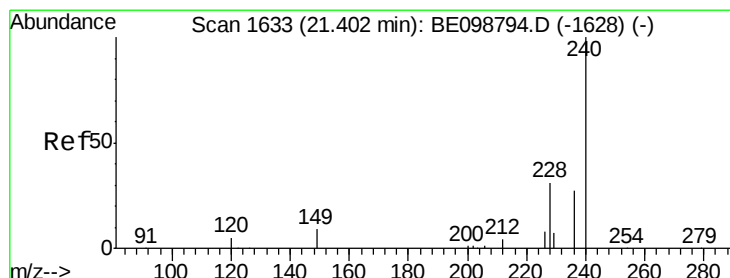
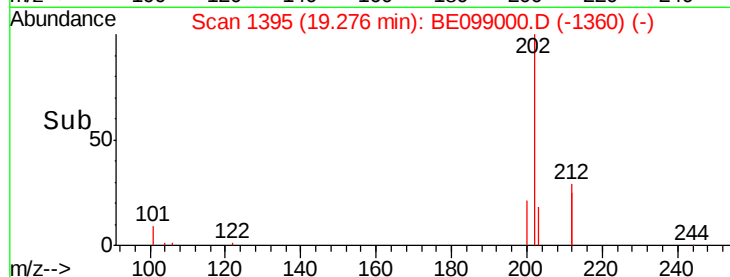
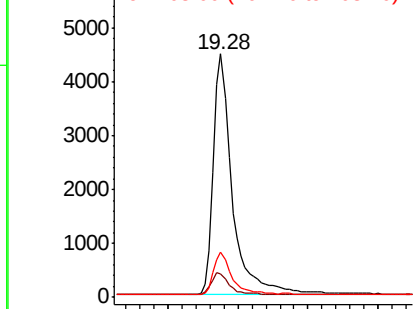
#26
 Fluoranthene
 Concen: 0.372 ng
 RT: 19.28 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BE099000.D
 Acq: 18 Mar 2019 14:42

Instrument :
 BNA_E
 ClientSampleId :
 PB117987BSD

Tgt Ion: 202 Resp: 8429
 Ion Ratio Lower Upper
 202 100
 101 9.3 7.3 10.9
 203 17.3 13.4 20.2

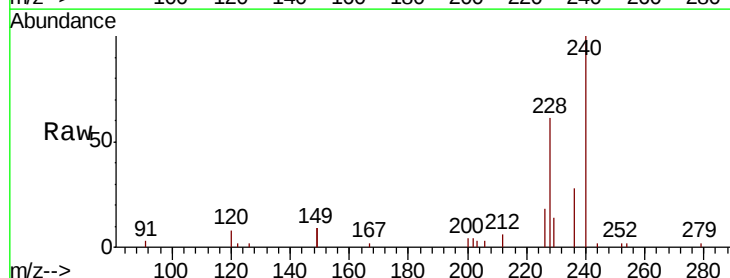


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

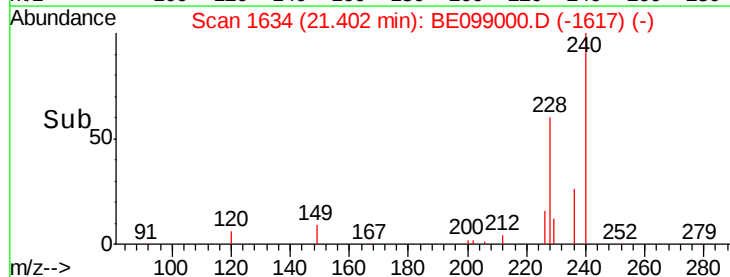
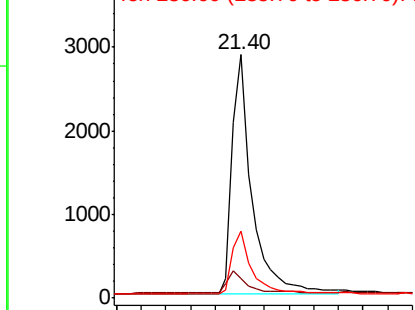


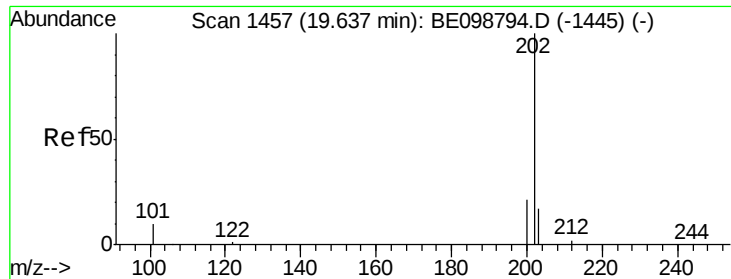
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BE099000.D
 Acq: 18 Mar 2019 14:42

Tgt Ion: 240 Resp: 6449
 Ion Ratio Lower Upper
 240 100
 120 8.0 5.0 7.4#
 236 27.7 22.7 34.1



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

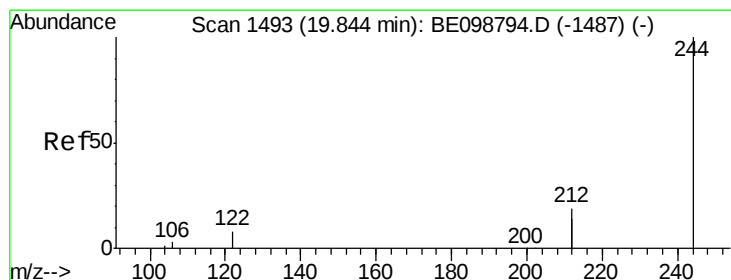
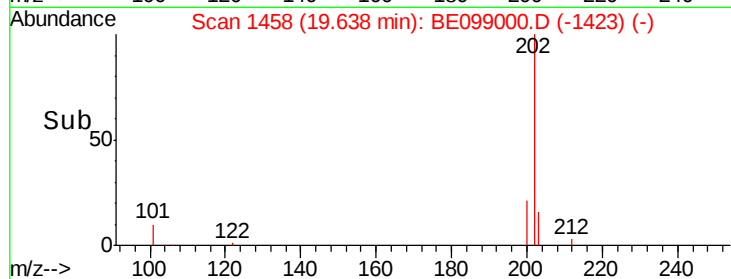
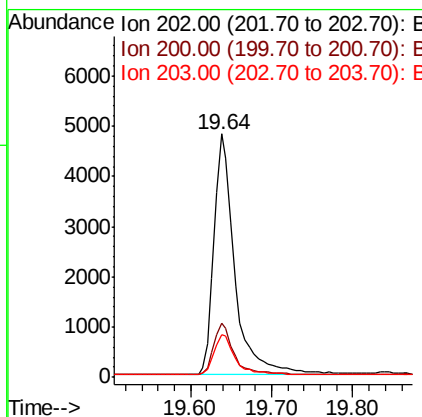
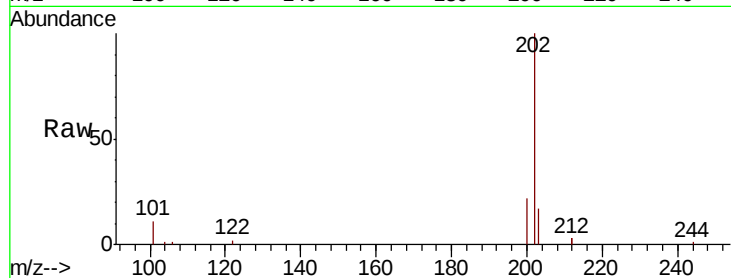




#28
 Pyrene
 Concen: 0.436 ng
 RT: 19.64 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BE099000.D
 Acq: 18 Mar 2019 14:42

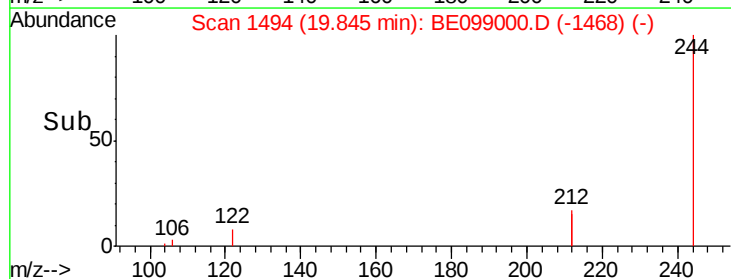
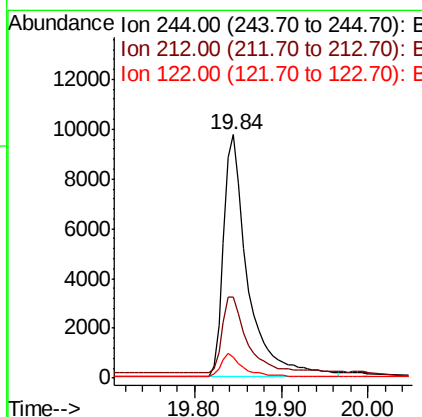
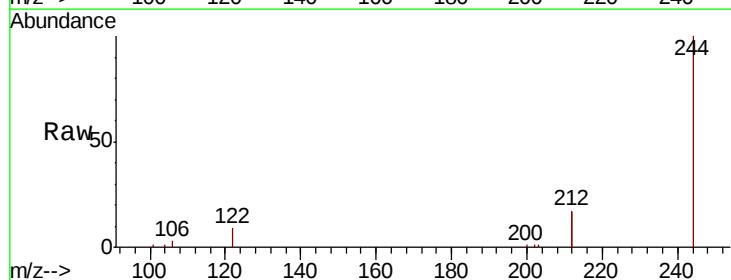
Instrument :
 BNA_E
 ClientSampleId :
 PB117987BSD

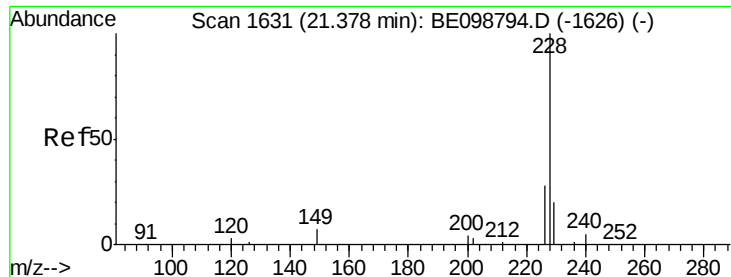
Tgt Ion: 202 Resp: 8594
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.0 25.6
 203 17.3 14.2 21.2



#29
 Terphenyl-d14
 Concen: 1.217 ng
 RT: 19.84 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: BE099000.D
 Acq: 18 Mar 2019 14:42

Tgt Ion: 244 Resp: 19070
 Ion Ratio Lower Upper
 244 100
 212 33.5 29.4 44.2
 122 8.8 7.1 10.7





#30

Benzo(a)anthracene

Concen: 0.345 ng

RT: 21.39 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

Instrument :

BNA_E

ClientSampleId :

PB117987BSD

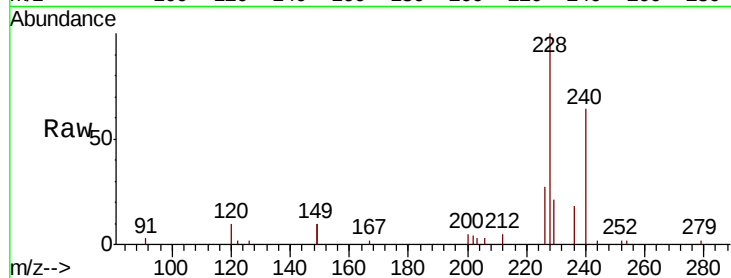
Tgt Ion:228 Resp: 6940

Ion Ratio Lower Upper

228 100

226 26.9 23.0 34.4

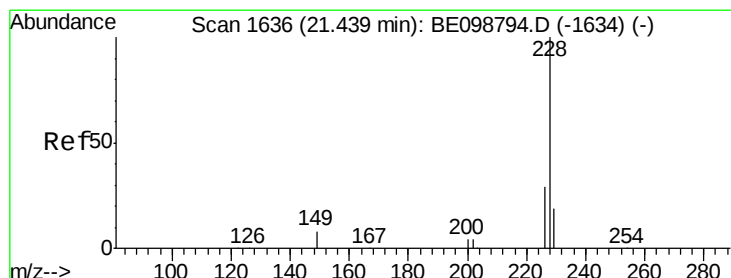
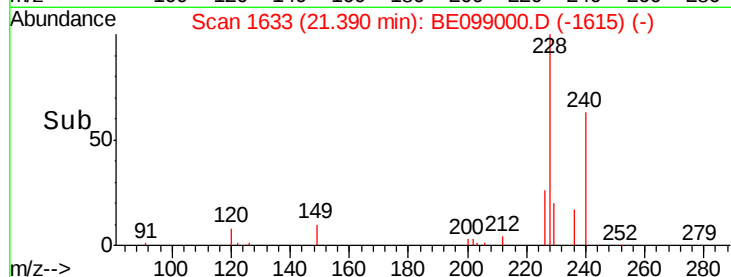
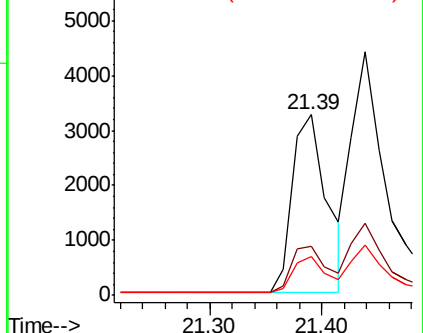
229 21.2 16.5 24.7



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: 0.392 ng

RT: 21.44 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

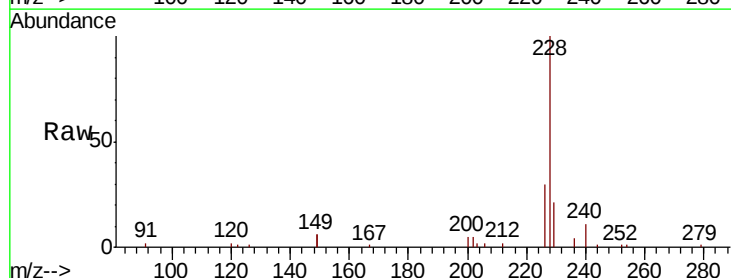
Tgt Ion:228 Resp: 8446

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

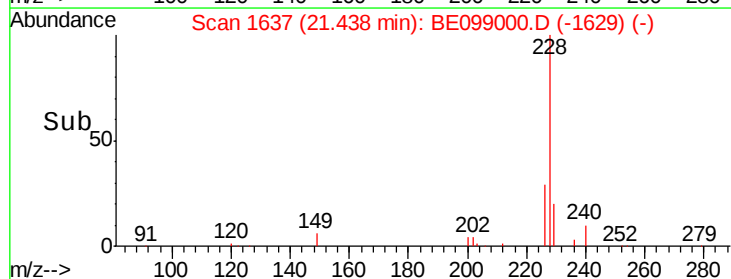
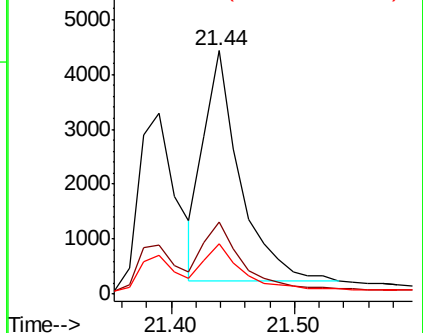
229 20.5 16.1 24.1

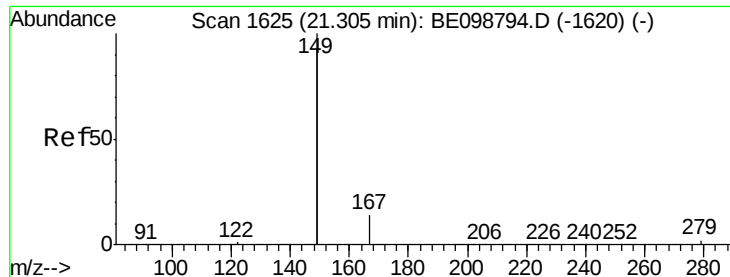


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.302 ng

RT: 21.29 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

Instrument :

BNA_E

ClientSampleId :

PB117987BSD

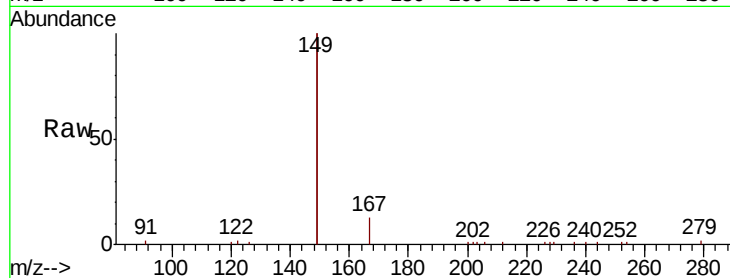
Tgt Ion:149 Resp: 12932

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

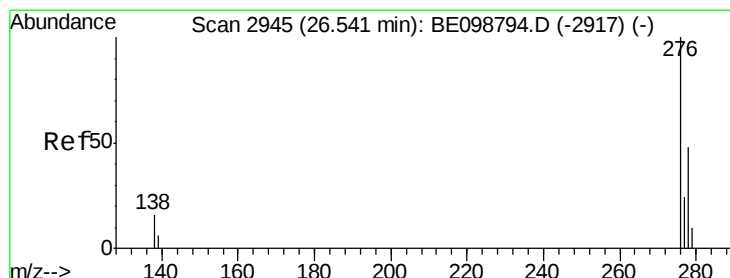
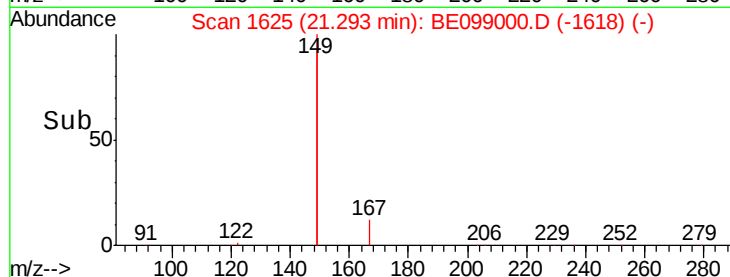
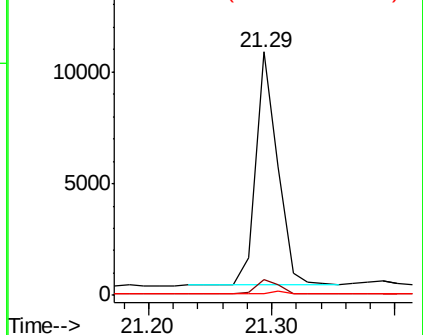
279 1.2 1.0 1.4



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: 0.319 ng

RT: 26.55 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

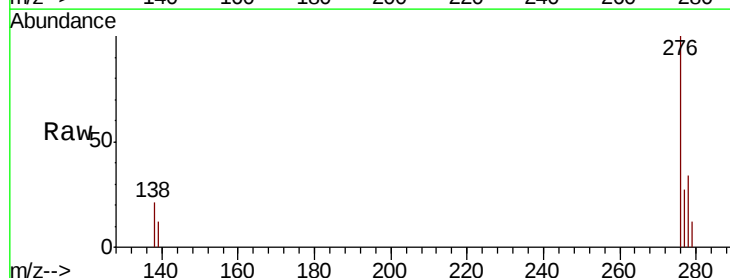
Tgt Ion:276 Resp: 7249

Ion Ratio Lower Upper

276 100

138 6.9 13.8 20.8#

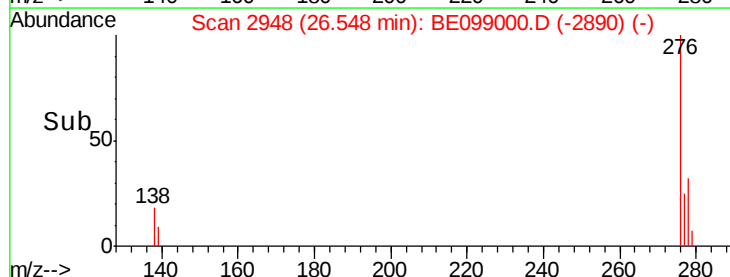
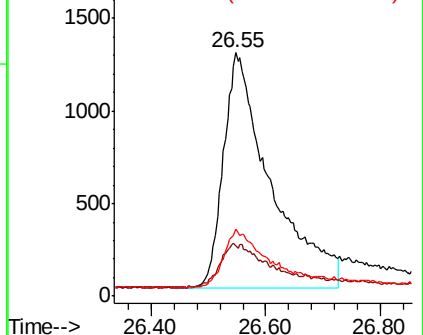
277 20.9 19.5 29.3

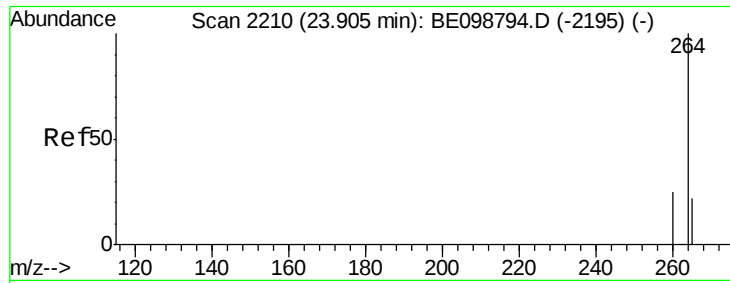


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

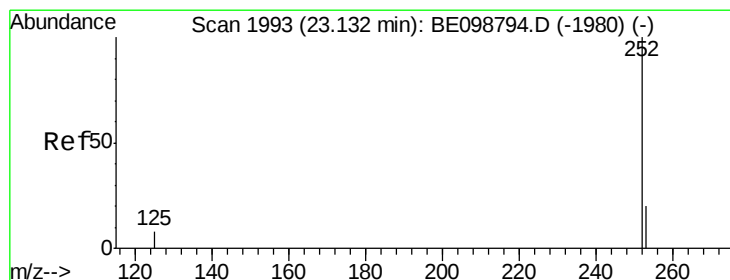
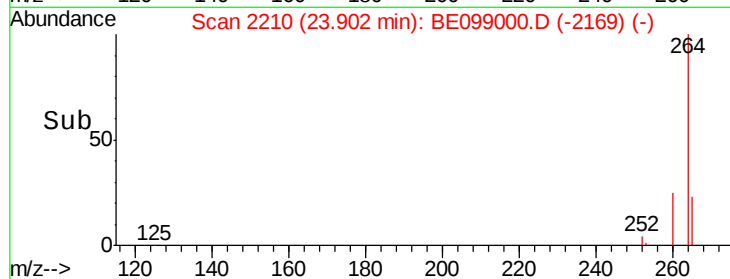
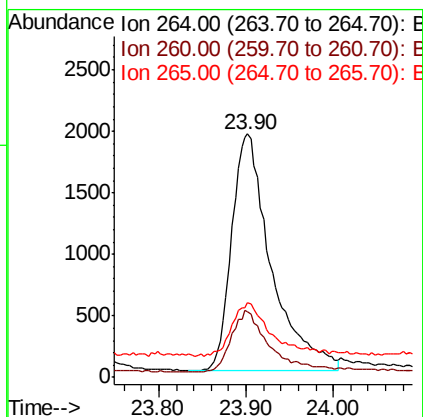
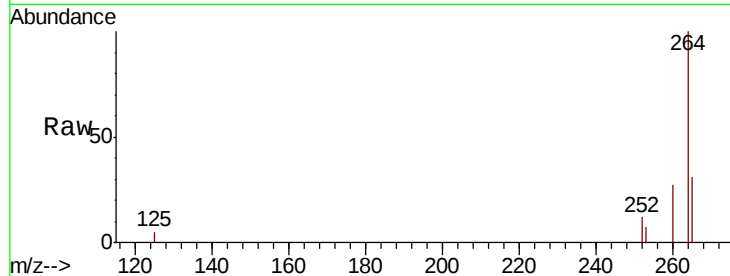




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BE099000.D
 Acq: 18 Mar 2019 14:42

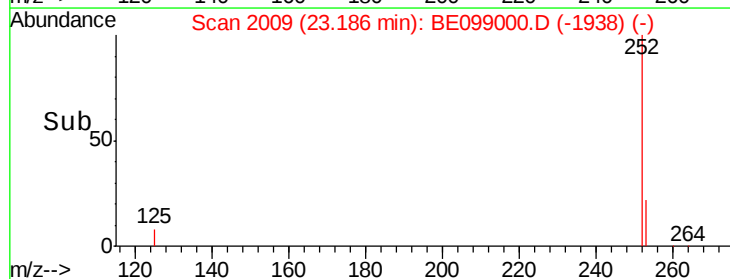
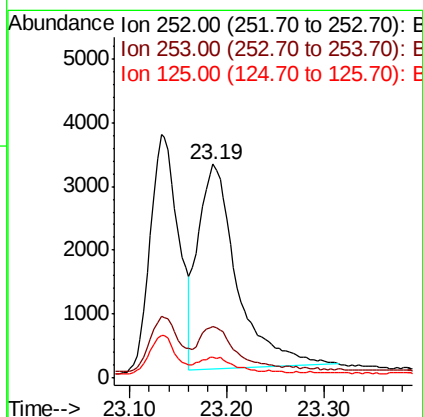
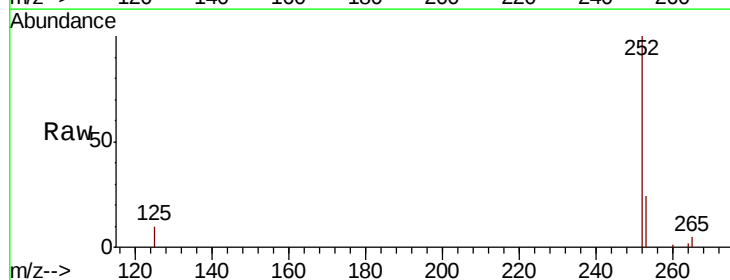
Instrument :
 BNA_E
 ClientSampleId :
 PB117987BSD

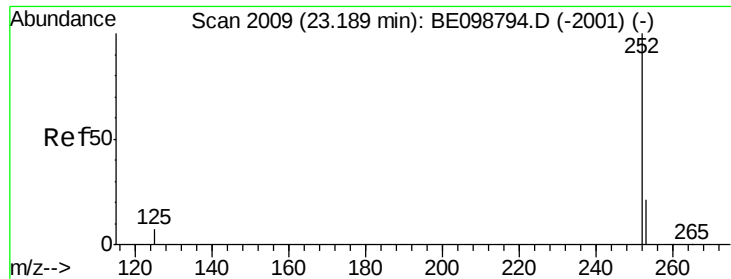
Tgt Ion:264 Resp: 6075
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.2 31.8
 265 30.8 24.6 36.8



#35
 Benzo(b)fluoranthene
 Concen: 0.446 ng
 RT: 23.19 min Scan# 2009
 Delta R.T. 0.05 min
 Lab File: BE099000.D
 Acq: 18 Mar 2019 14:42

Tgt Ion:252 Resp: 8909
 Ion Ratio Lower Upper
 252 100
 253 24.3 18.2 27.2
 125 9.7 7.3 10.9





#36

Benzo(k)fluoranthene

Concen: 0.462 ng

RT: 23.19 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

Instrument :

BNA_E

ClientSampleId :

PB117987BSD

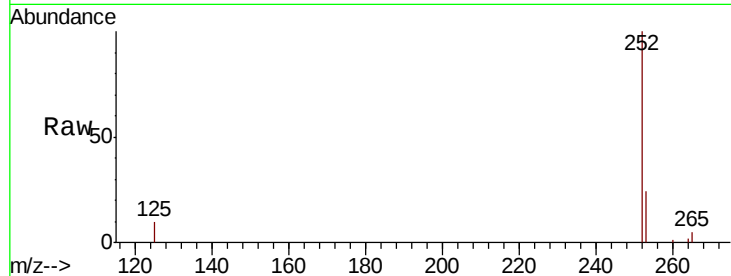
Tgt Ion:252 Resp: 9652

Ion Ratio Lower Upper

252 100

253 24.3 19.3 28.9

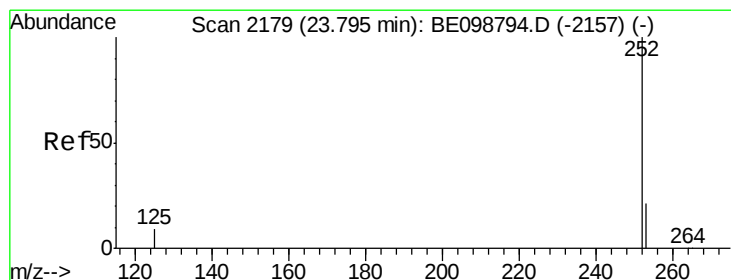
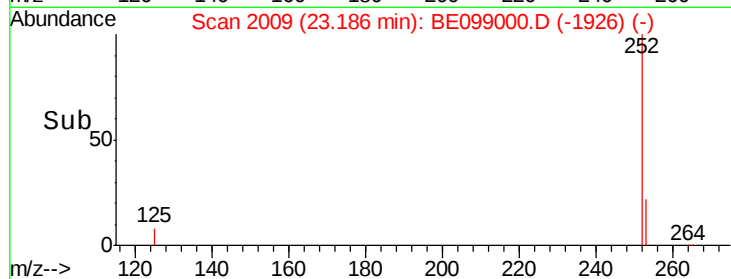
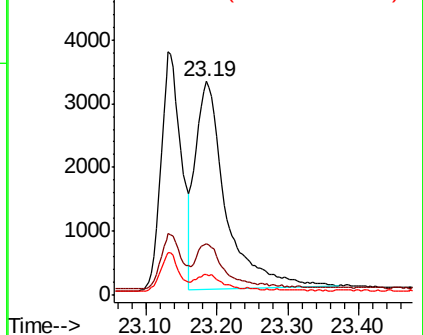
125 9.7 7.5 11.3



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: 0.406 ng

RT: 23.79 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

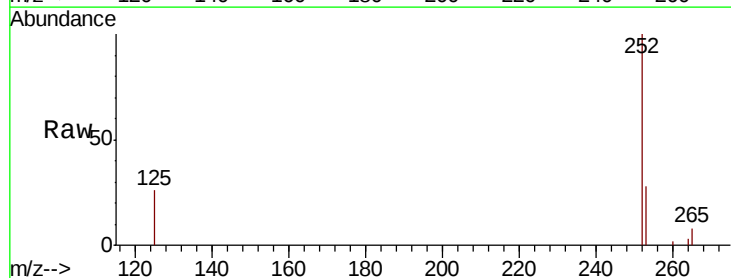
Tgt Ion:252 Resp: 7770

Ion Ratio Lower Upper

252 100

253 28.1 19.9 29.9

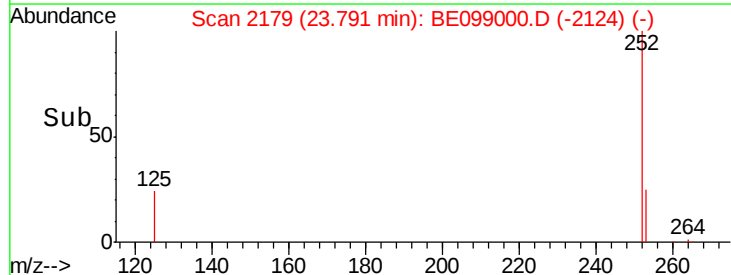
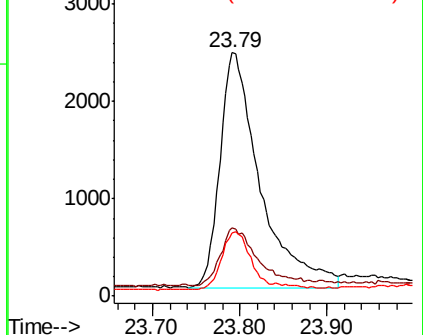
125 26.1 9.0 13.4#

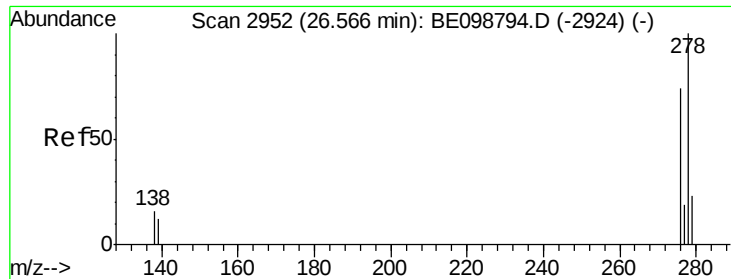


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.257 ng

RT: 26.58 min Scan# 2958

Delta R.T. 0.02 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

Instrument :

BNA_E

ClientSampleId :

PB117987BSD

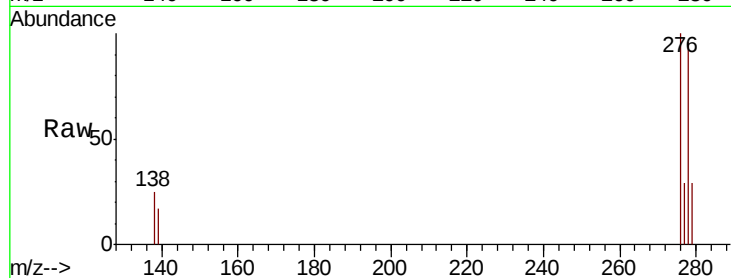
Tgt Ion:278 Resp: 4648

Ion Ratio Lower Upper

278 100

139 17.6 11.8 17.6

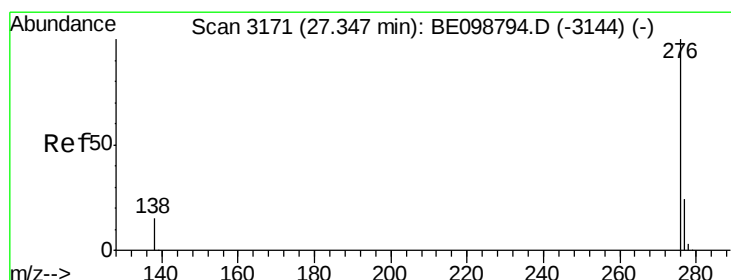
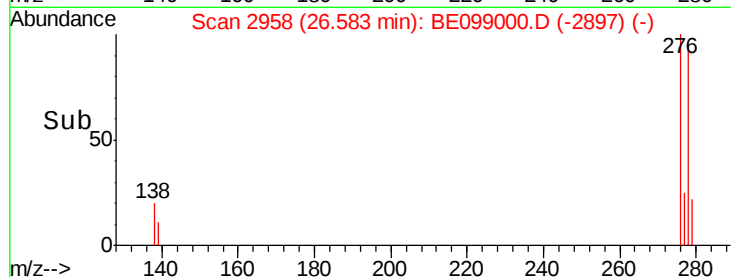
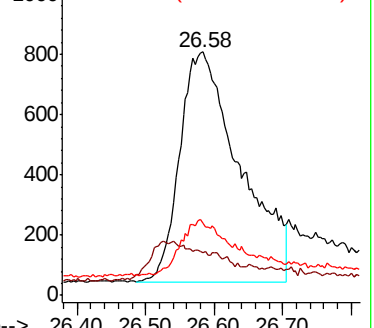
279 29.8 21.1 31.7



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



#39

Benzo(g,h,i)perylene

Concen: 0.304 ng

RT: 27.35 min Scan# 3174

Delta R.T. 0.01 min

Lab File: BE099000.D

Acq: 18 Mar 2019 14:42

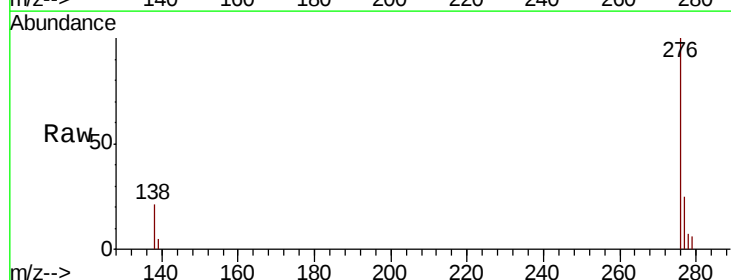
Tgt Ion:276 Resp: 5766

Ion Ratio Lower Upper

276 100

277 25.1 20.4 30.6

138 20.6 13.6 20.4#



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

