

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099011.D
 Acq On : 18 Mar 2019 21:28
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 19 01:53:59 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	7.79	152	842	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3895	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2512	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6053	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7225	0.40	ng	-0.01
34) Perylene-d12	23.89	264	6974	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.41	112	735	0.29	ng	0.02
5) Phenol-d6	7.00	99	1189	0.33	ng	0.01
8) Nitrobenzene-d5	8.98	82	1888	0.46	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	2752	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	406	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	5884	0.57	ng	-0.01
25) Fluoranthene-d10	19.24	212	34751	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	21031	1.20	ng	0.00

Target Compounds

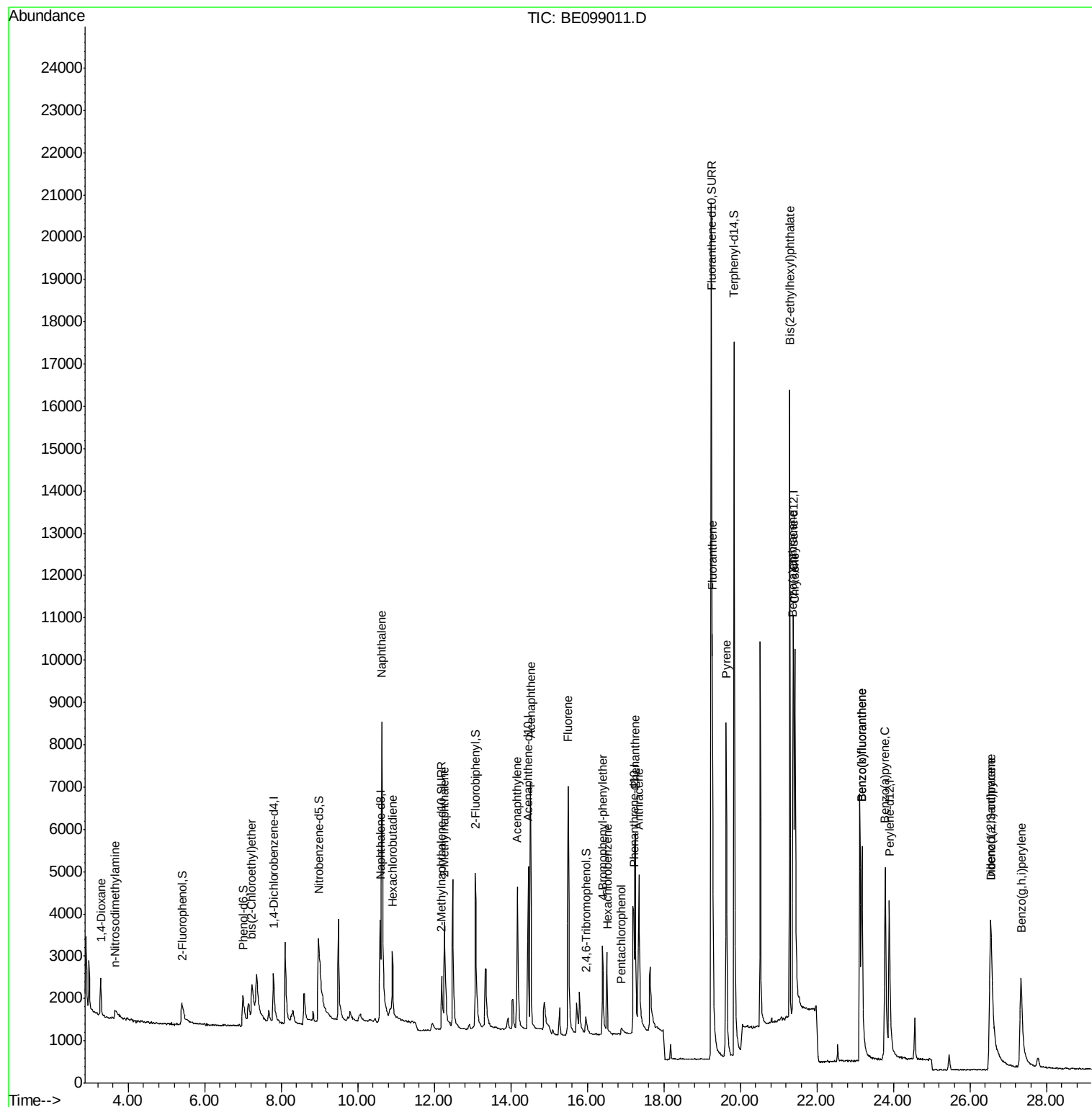
						Qvalue
2) 1,4-Dioxane	3.29	88	618	0.372	ng	97
3) n-Nitrosodimethylamine	3.66	42	275	0.130	ng	# 99
6) bis(2-Chloroethyl)ether	7.23	93	875	0.319	ng	88
9) Naphthalene	10.63	128	17836	0.400	ng	99
10) Hexachlorobutadiene	10.90	225	1133	0.384	ng	96
12) 2-Methylnaphthalene	12.27	142	2640	0.365	ng	98
16) Acenaphthylene	14.17	152	5171	0.400	ng	96
17) Acenaphthene	14.51	154	3093	0.404	ng	98
18) Fluorene	15.50	166	4253	0.385	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1478	0.451	ng	97
21) Hexachlorobenzene	16.52	284	1655	0.424	ng	97
22) Pentachlorophenol	16.89	266	179	0.399	ng	97
23) Phenanthrene	17.25	178	6930	0.403	ng	99
24) Anthracene	17.35	178	5166	0.351	ng	99
26) Fluoranthene	19.27	202	9152	0.377	ng	100
28) Pyrene	19.63	202	9336	0.422	ng	99
30) Benzo(a)anthracene	21.38	228	7541	0.334	ng	99
31) Chrysene	21.43	228	10518	0.436	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	15824	0.330	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	8602	0.338	ng	96
35) Benzo(b)fluoranthene	23.18	252	9728	0.424	ng	99
36) Benzo(k)fluoranthene	23.18	252	10155	0.423	ng	99
37) Benzo(a)pyrene	23.79	252	9035	0.411	ng	# 77
38) Dibenzo(a,h)anthracene	26.56	278	2462	0.118	ng	98
39) Benzo(g,h,i)perylene	27.34	276	7638	0.351	ng	98

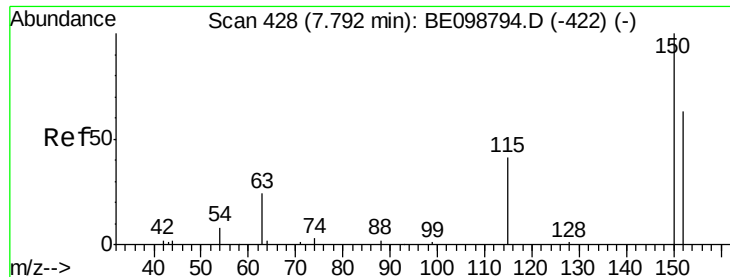
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099011.D

Acq: 18 Mar 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

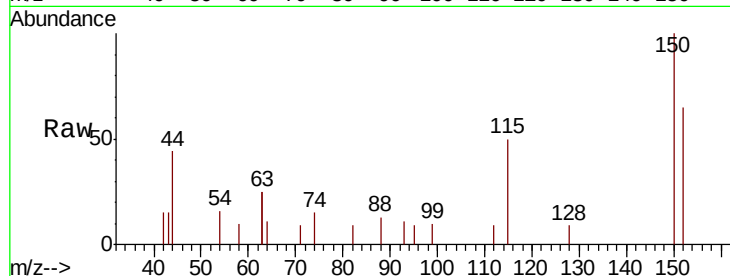
Tgt Ion: 152 Resp: 842

Ion Ratio Lower Upper

152 100

150 153.1 122.5 183.7

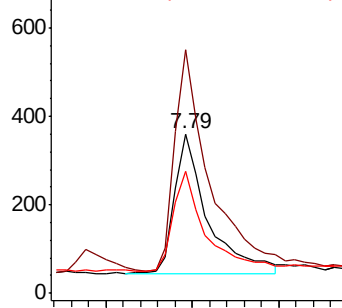
115 76.4 57.4 86.2



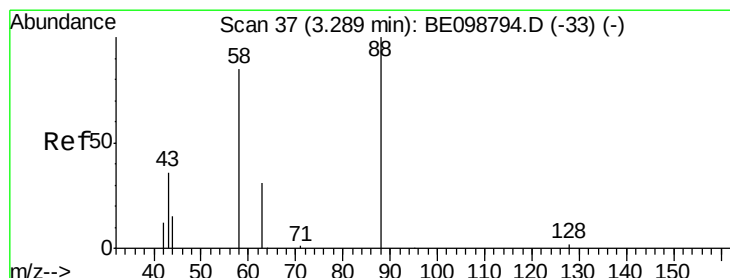
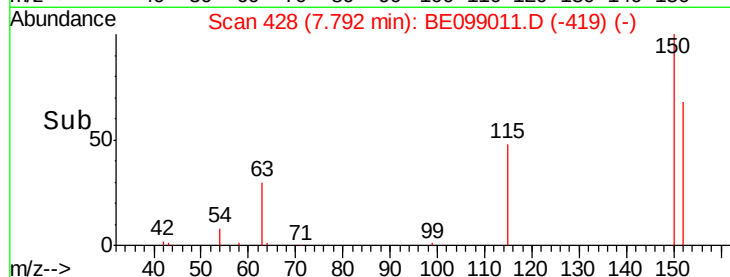
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 0.372 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

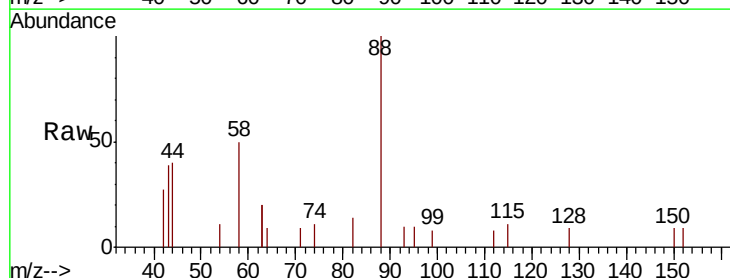
Tgt Ion: 88 Resp: 618

Ion Ratio Lower Upper

88 100

58 96.8 75.8 113.6

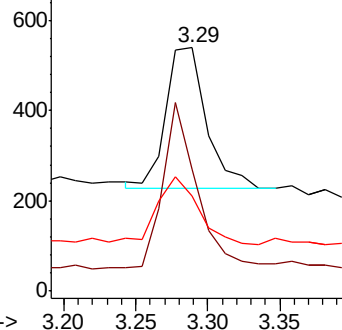
43 50.0 41.8 62.8



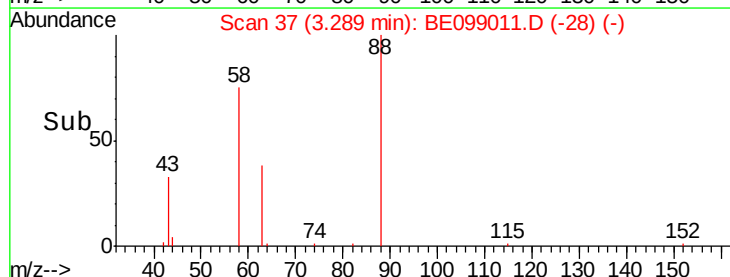
Abundance Ion 88.00 (87.70 to 88.70): BE0

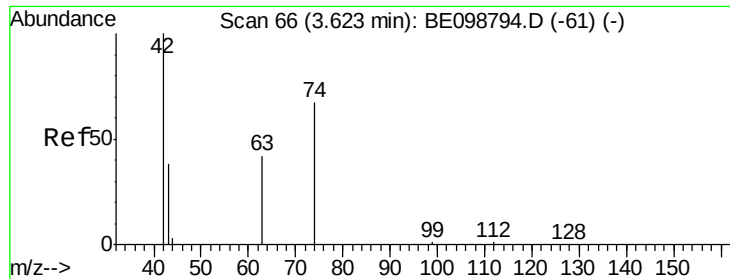
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.130 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.03 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

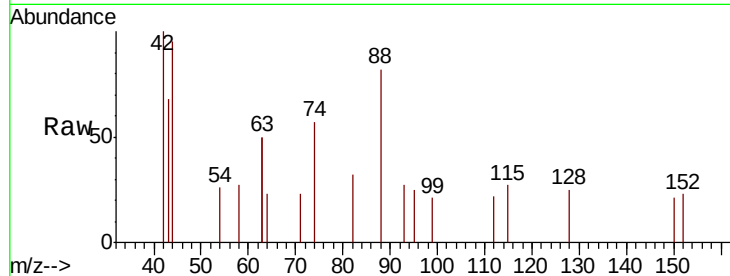
Tgt Ion: 42 Resp: 275

Ion Ratio Lower Upper

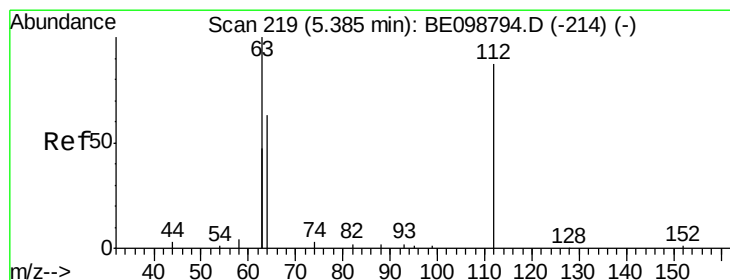
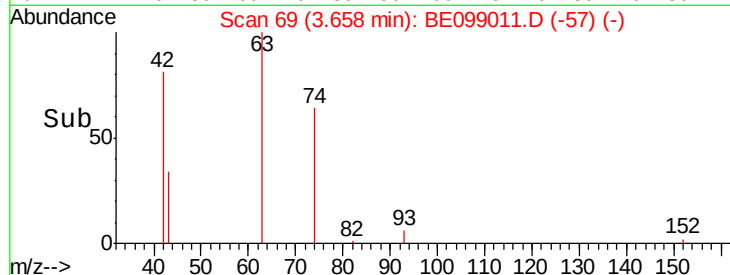
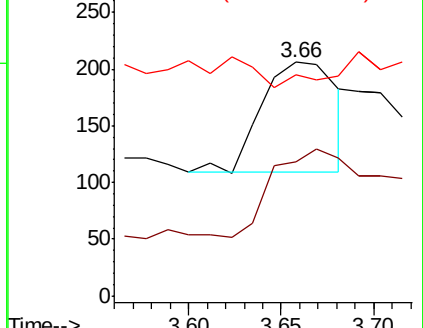
42 100

74 72.4 57.0 85.4

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.292 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

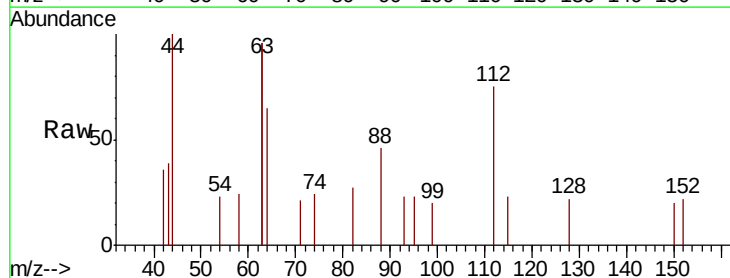
Tgt Ion: 112 Resp: 735

Ion Ratio Lower Upper

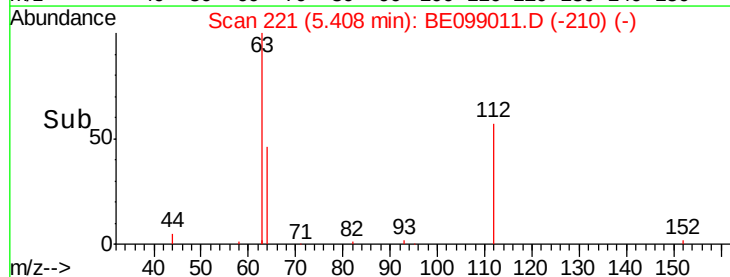
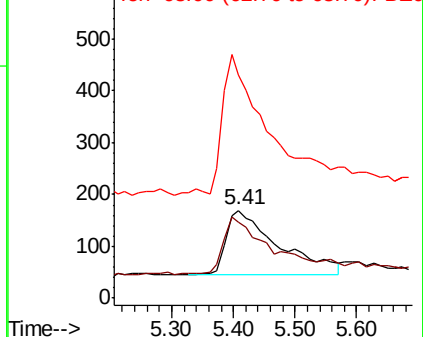
112 100

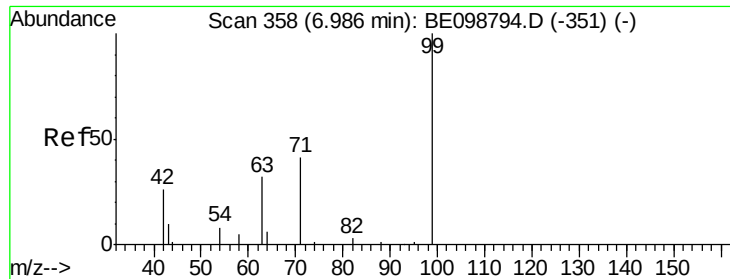
64 76.9 57.9 86.9

63 230.7 158.3 237.5



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: 0.334 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

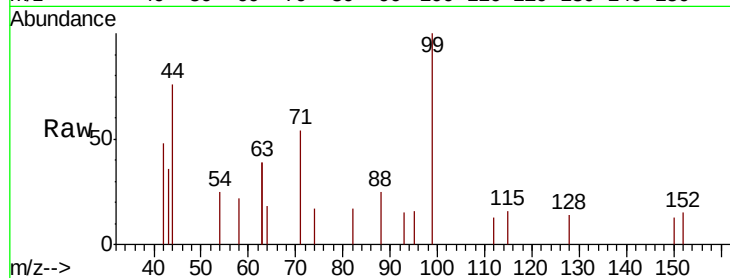
Tgt Ion: 99 Resp: 1189

Ion Ratio Lower Upper

99 100

42 27.2 24.2 36.2

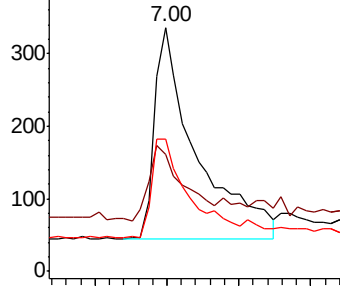
71 40.8 35.7 53.5



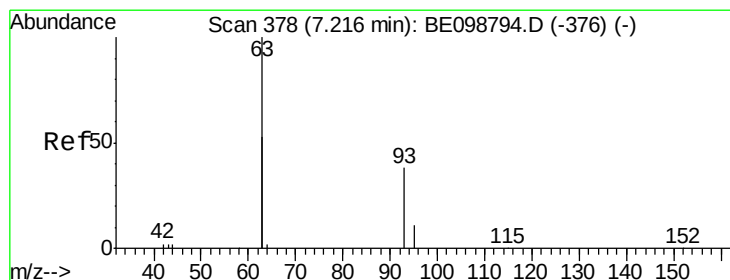
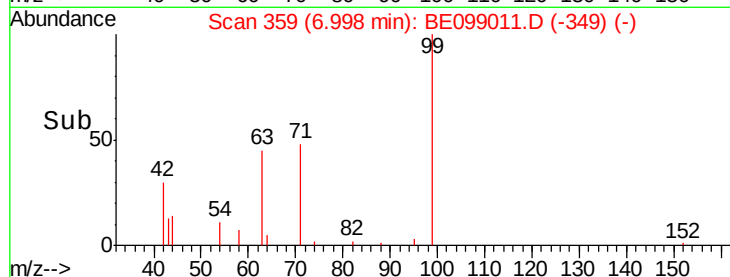
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.319 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

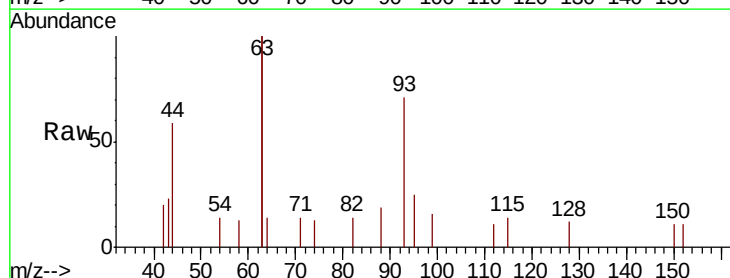
Tgt Ion: 93 Resp: 875

Ion Ratio Lower Upper

93 100

63 285.7 247.5 371.3

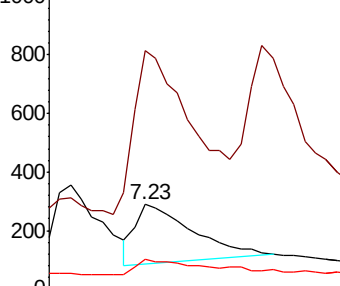
95 31.8 21.8 32.8



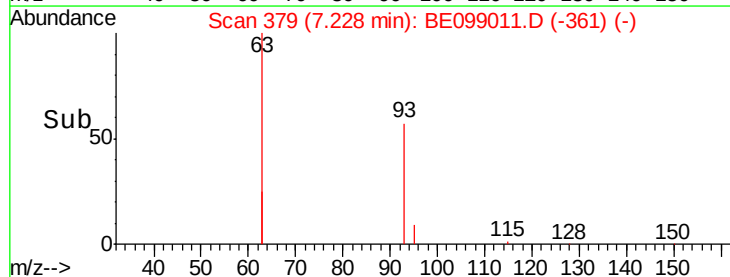
Abundance Ion 93.00 (92.70 to 93.70): BE0

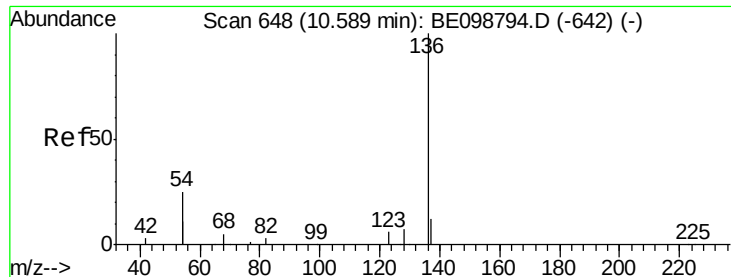
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 3895

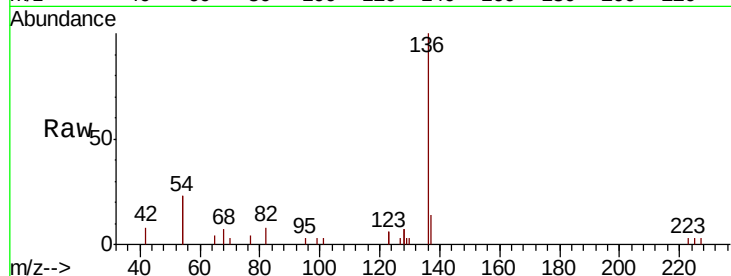
Ion Ratio Lower Upper

136 100

137 13.7 11.4 17.0

54 45.7 39.3 58.9

68 7.5 6.7 10.1

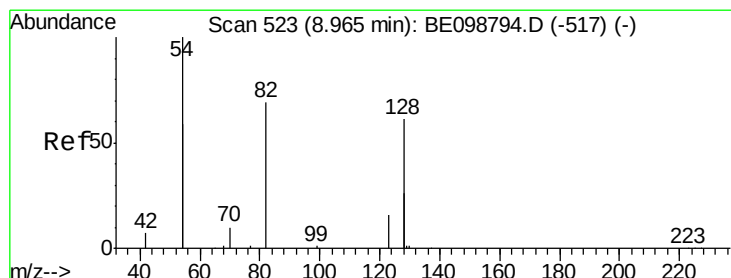
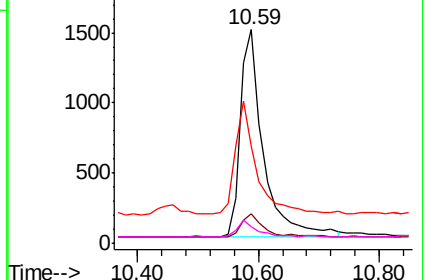
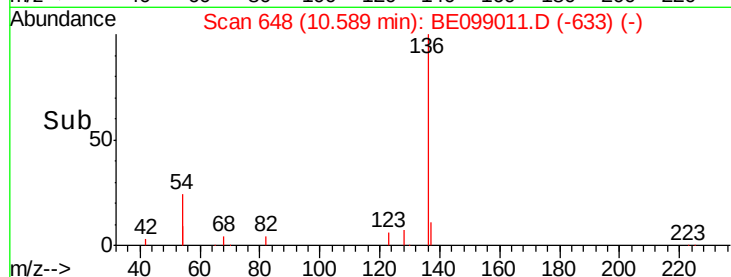


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.462 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

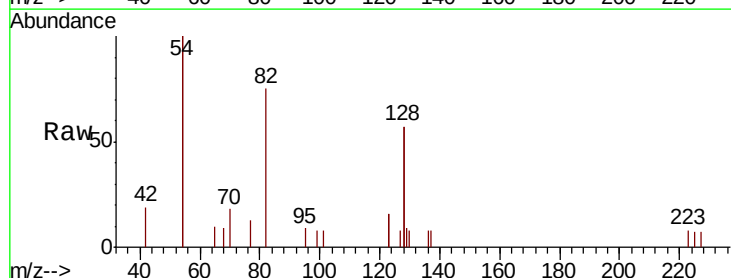
Tgt Ion: 82 Resp: 1888

Ion Ratio Lower Upper

82 100

128 153.4 123.8 185.8

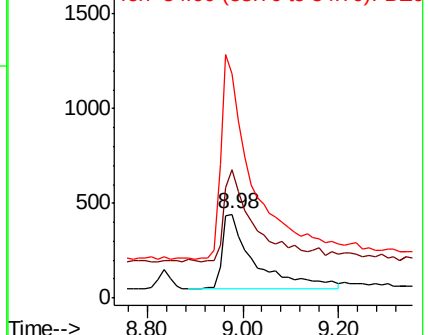
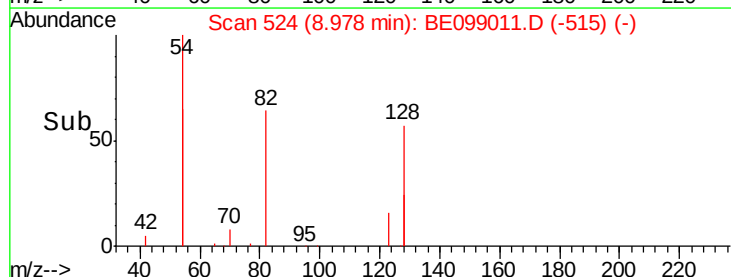
54 268.3 203.4 305.2

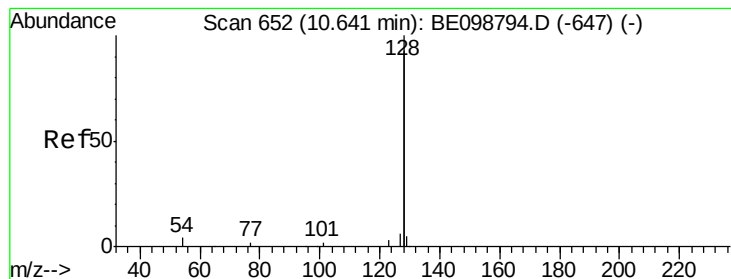


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

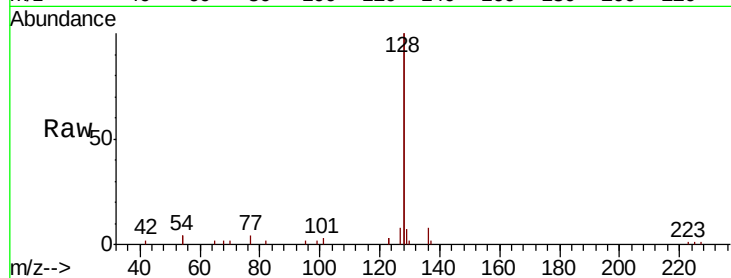
Tgt Ion:128 Resp: 17836

Ion Ratio Lower Upper

128 100

129 3.7 2.6 4.0

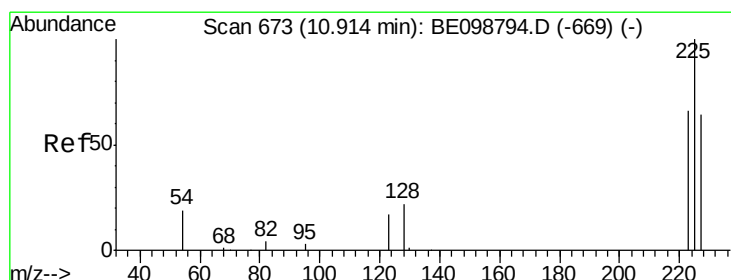
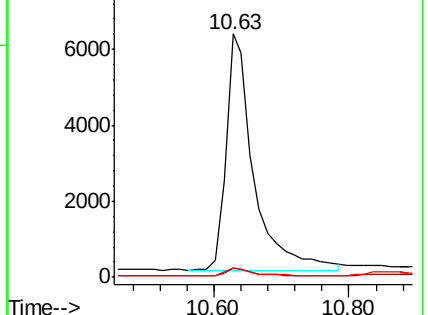
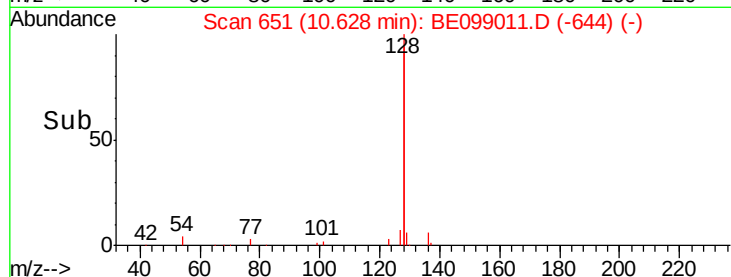
127 4.1 3.1 4.7



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: 0.384 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.01 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

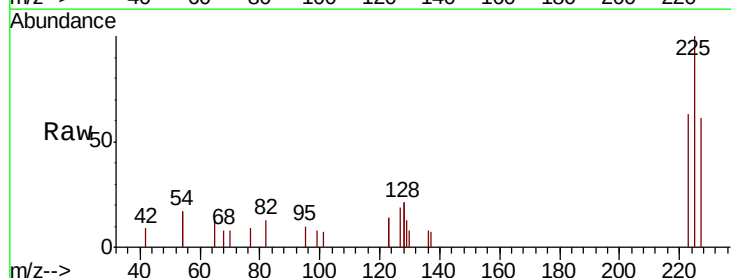
Tgt Ion:225 Resp: 1133

Ion Ratio Lower Upper

225 100

223 59.4 51.1 76.7

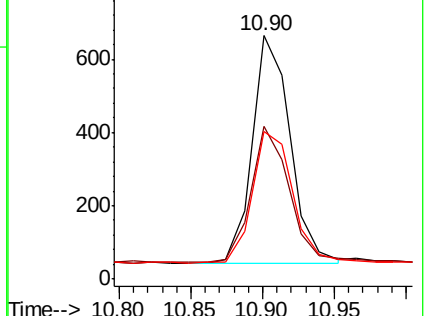
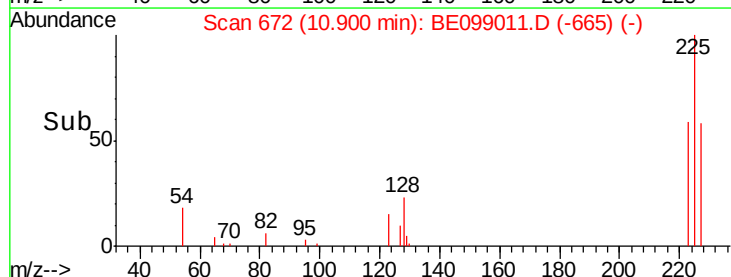
227 62.5 51.6 77.4

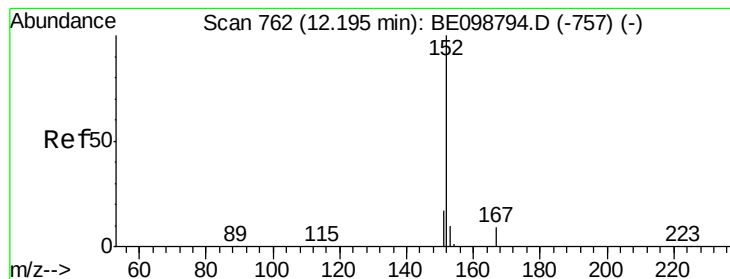


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.382 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

Instrument :

BNA_E

ClientSampleId :

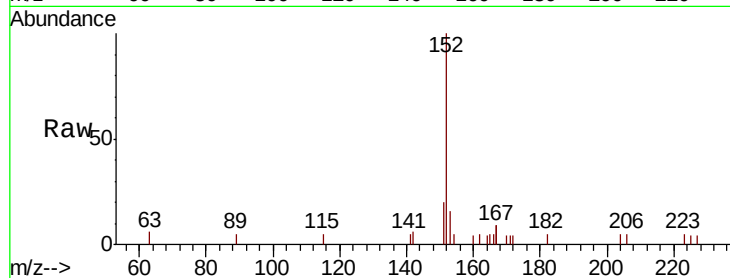
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2752

Ion Ratio Lower Upper

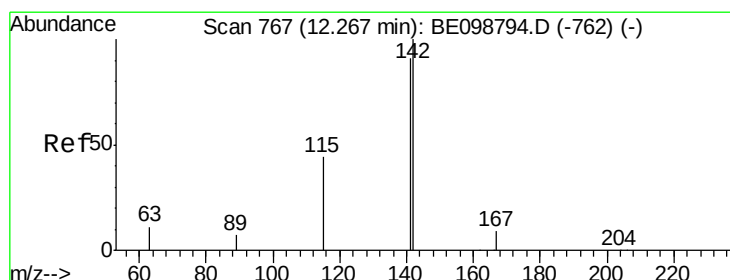
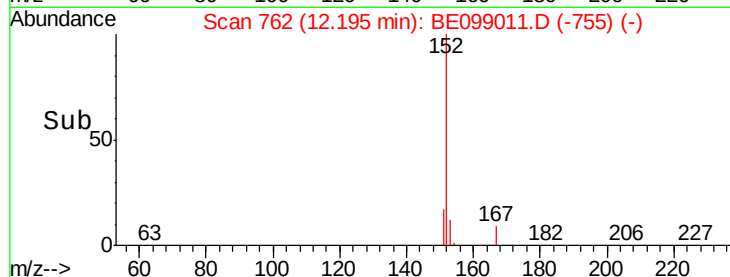
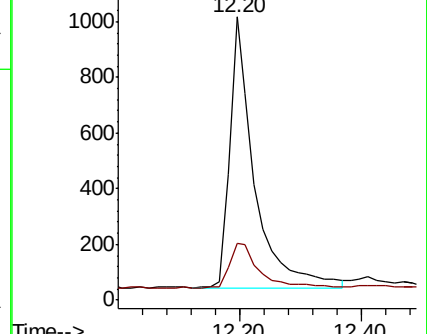
152 100

151 20.1 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.365 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

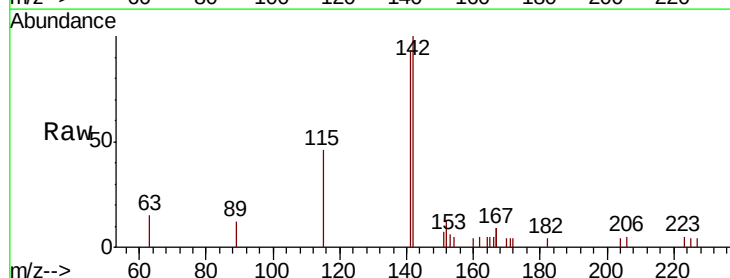
Tgt Ion:142 Resp: 2640

Ion Ratio Lower Upper

142 100

141 92.9 72.6 108.8

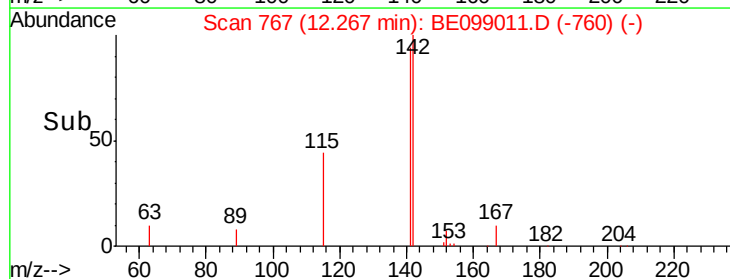
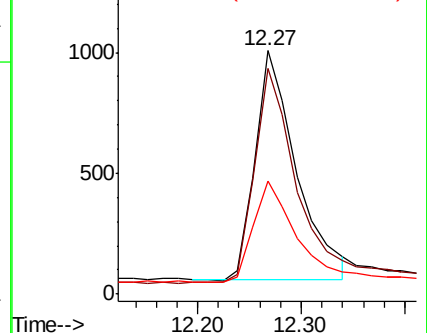
115 46.3 37.4 56.2

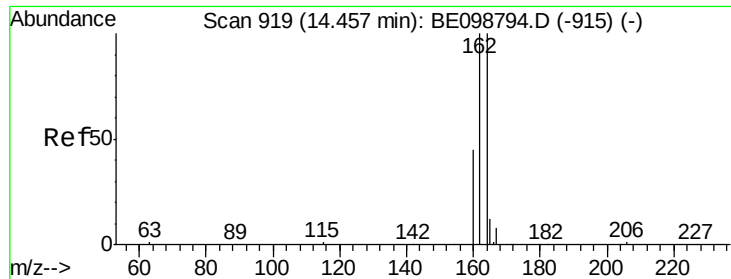


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

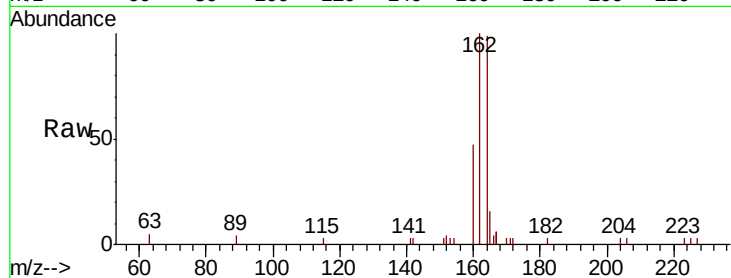




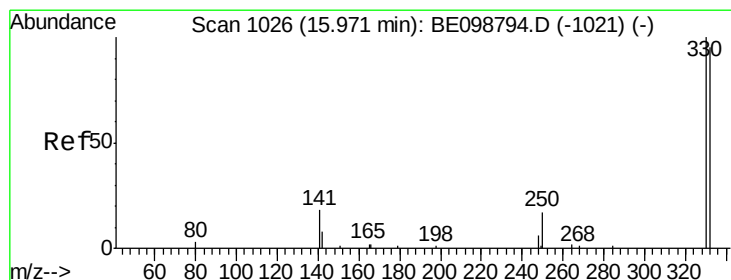
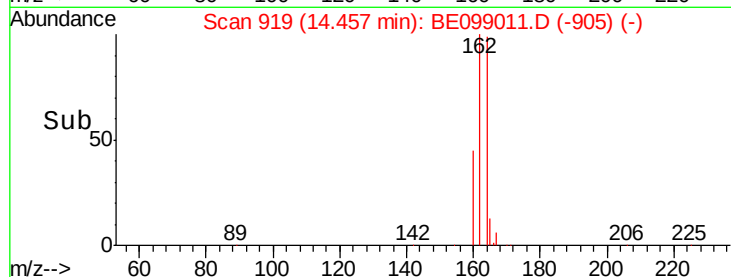
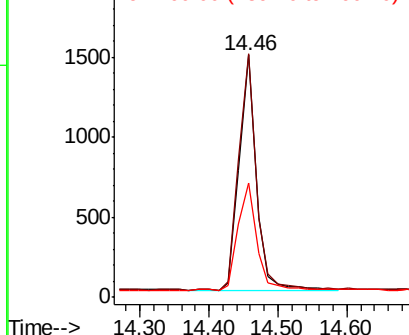
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099011.D
Acq: 18 Mar 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2512
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 47.3 37.8 56.8

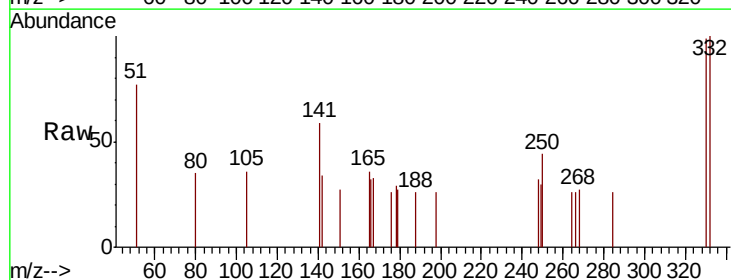


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

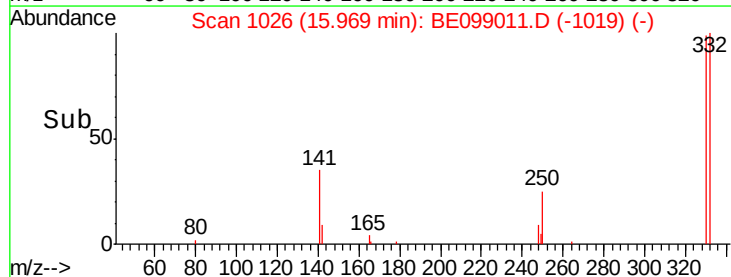
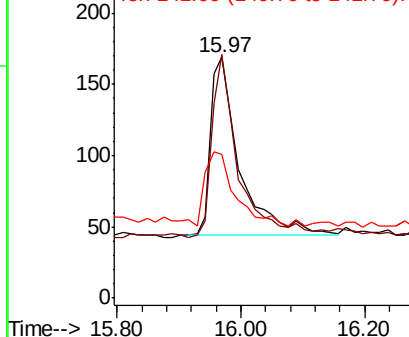


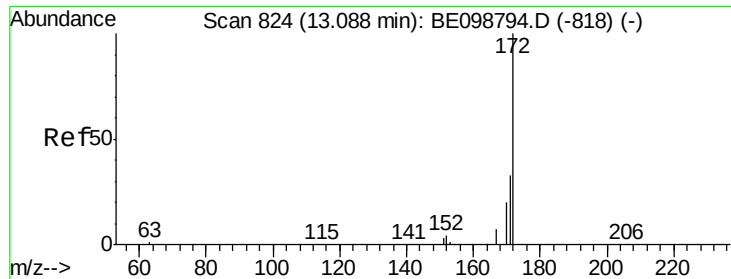
#14
2,4,6-Tribromophenol
Concen: 0.320 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE099011.D
Acq: 18 Mar 2019 21:28

Tgt Ion:330 Resp: 406
Ion Ratio Lower Upper
330 100
332 91.9 77.6 116.4
141 43.3 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

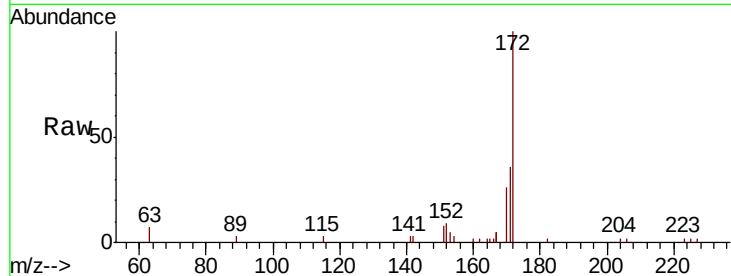




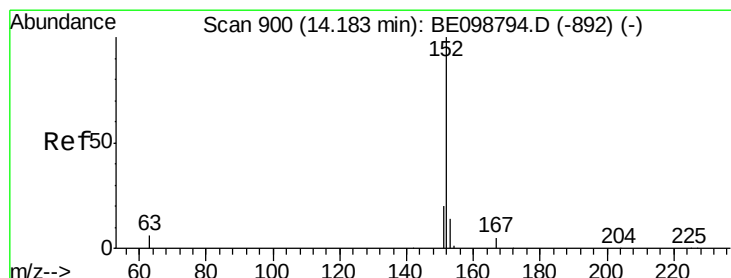
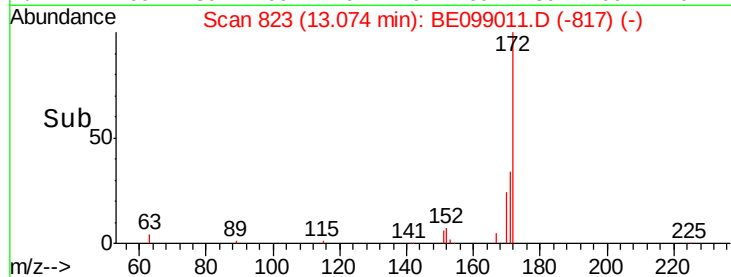
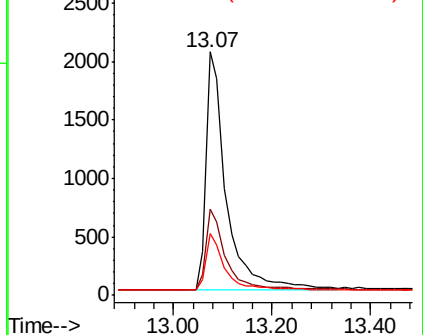
#15
2-Fluorobiphenyl
Concen: 0.566 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099011.D
Acq: 18 Mar 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 5884
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 25.7 17.7 26.5

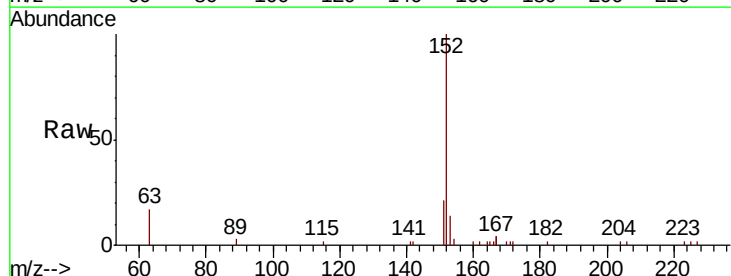


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

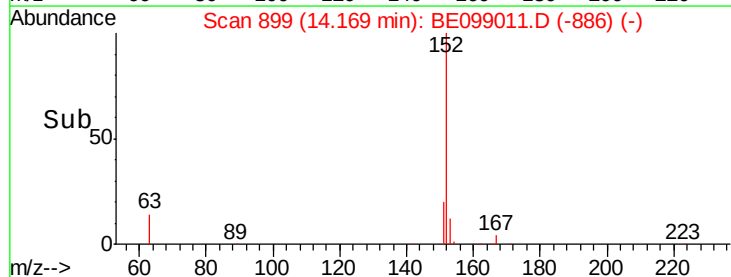
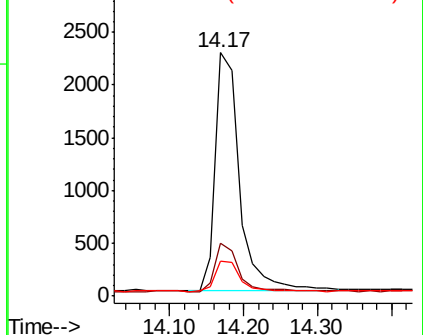


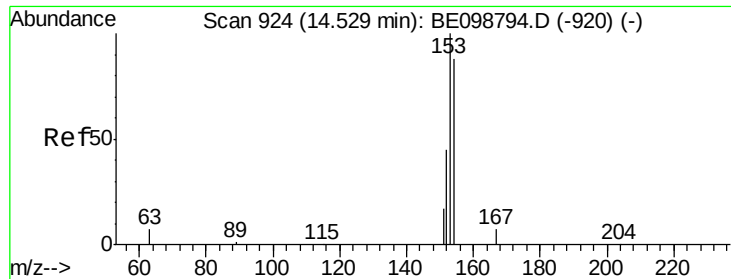
#16
Acenaphthylene
Concen: 0.400 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE099011.D
Acq: 18 Mar 2019 21:28

Tgt Ion:152 Resp: 5171
Ion Ratio Lower Upper
152 100
151 19.1 17.0 25.6
153 12.9 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

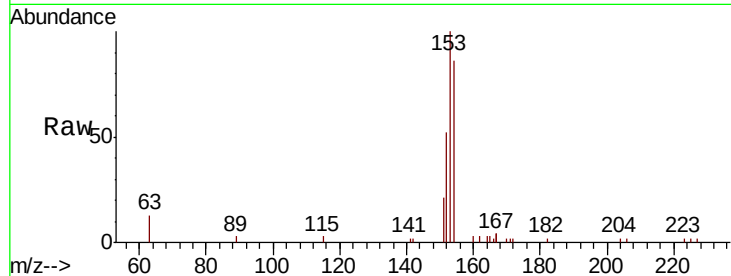




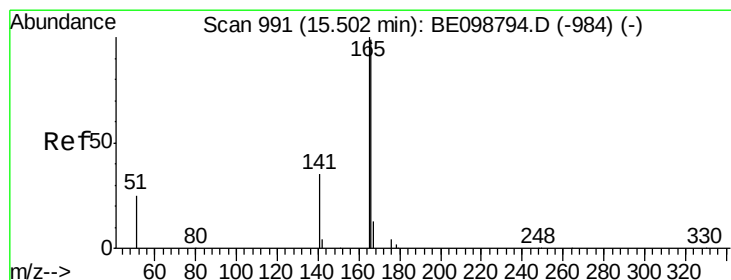
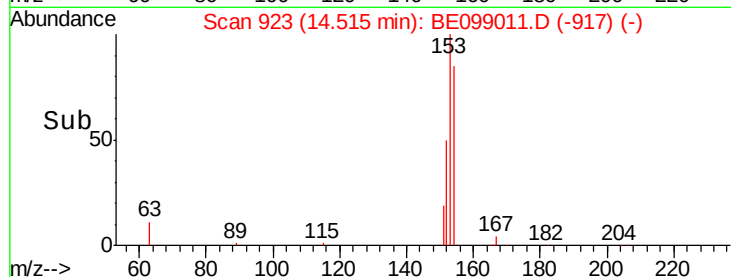
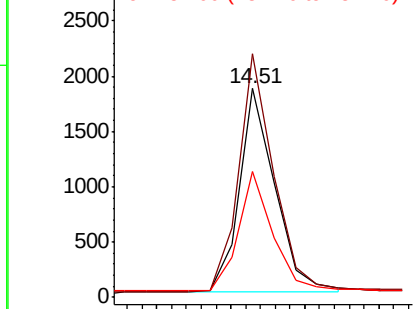
#17
Acenaphthene
Concen: 0.404 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE099011.D
Acq: 18 Mar 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 3093
Ion Ratio Lower Upper
154 100
153 115.0 94.2 141.4
152 56.6 45.0 67.4

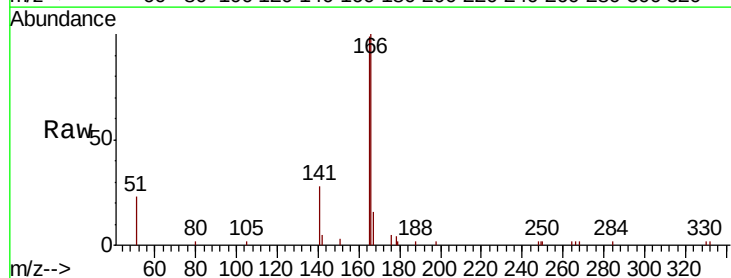


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

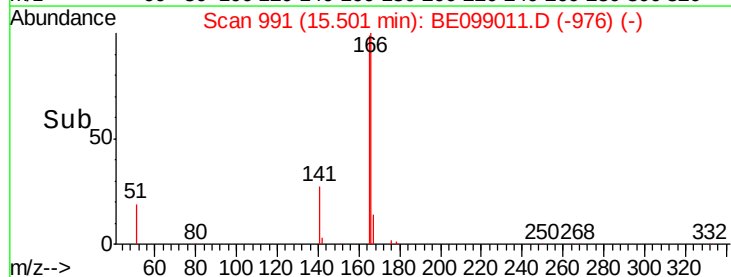
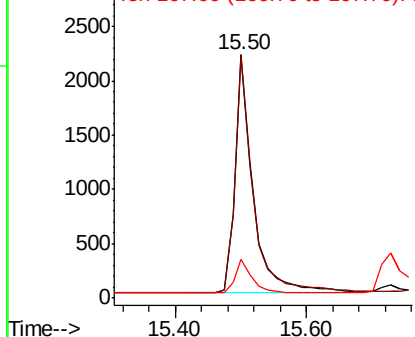


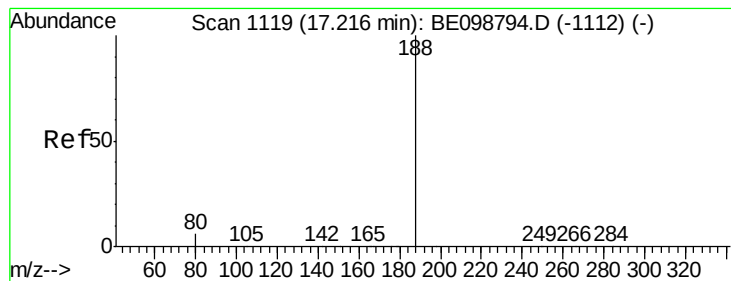
#18
Fluorene
Concen: 0.385 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE099011.D
Acq: 18 Mar 2019 21:28

Tgt Ion:166 Resp: 4253
Ion Ratio Lower Upper
166 100
165 99.5 79.3 118.9
167 13.8 10.5 15.7



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: BE099011.D

Acq: 18 Mar 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

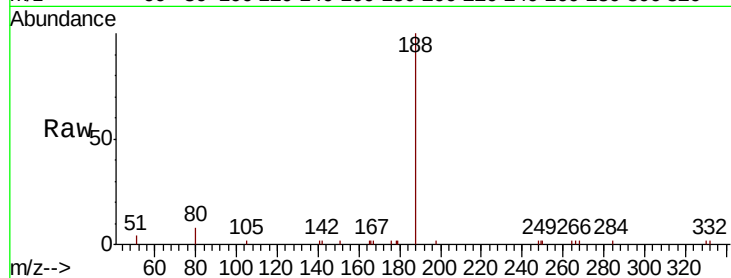
Tgt Ion:188 Resp: 6053

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

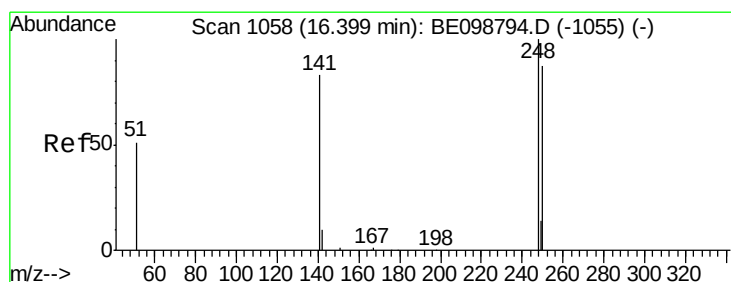
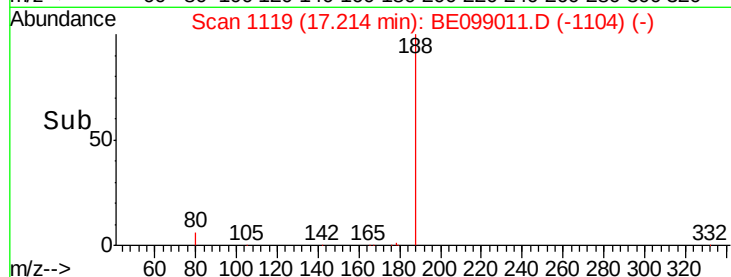
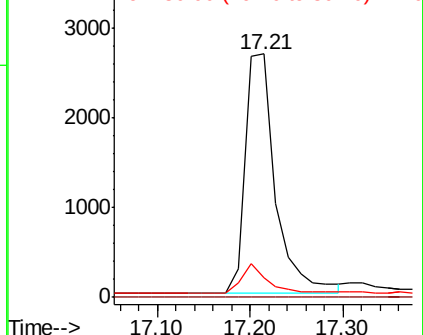
80 8.2 6.3 9.5



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: 0.451 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

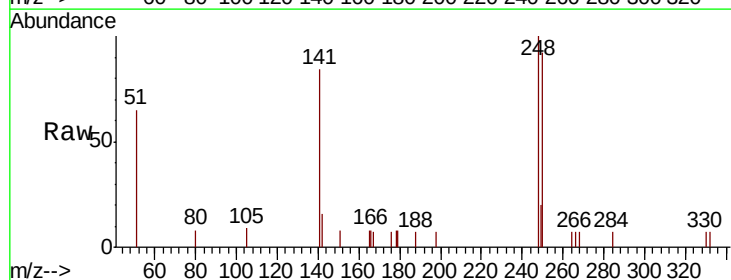
Tgt Ion:248 Resp: 1478

Ion Ratio Lower Upper

248 100

250 92.2 70.6 105.8

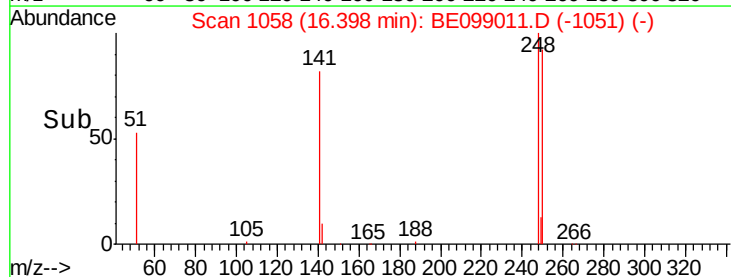
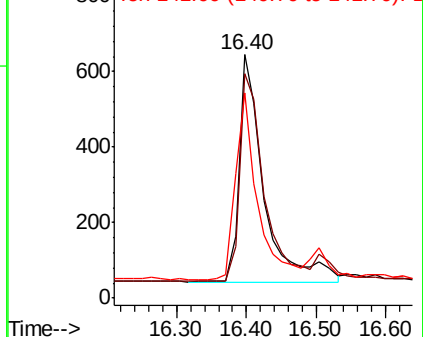
141 84.2 68.6 102.8

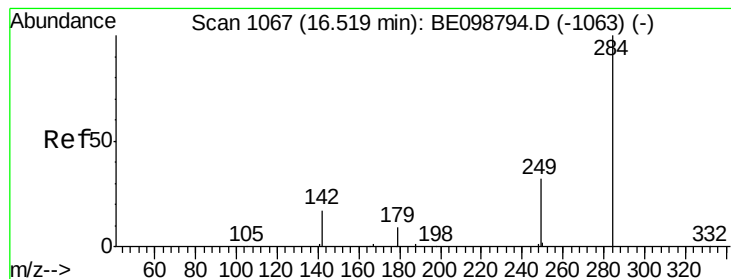


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.424 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

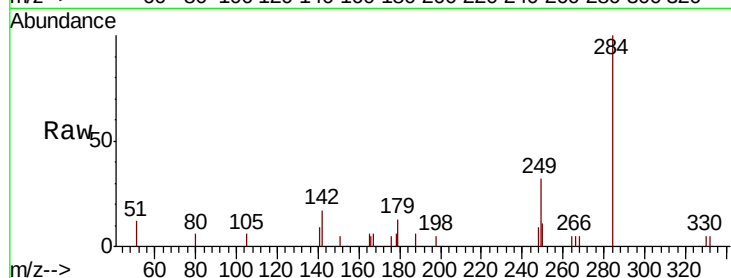
Tgt Ion:284 Resp: 1655

Ion Ratio Lower Upper

284 100

142 36.3 28.7 43.1

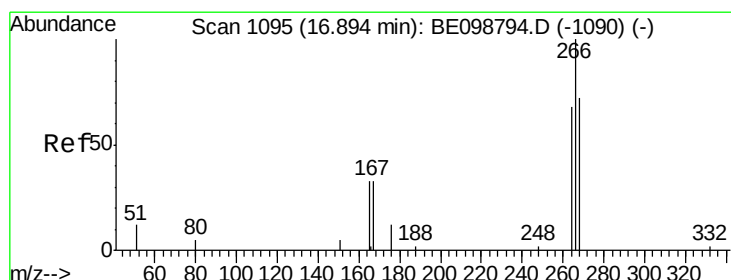
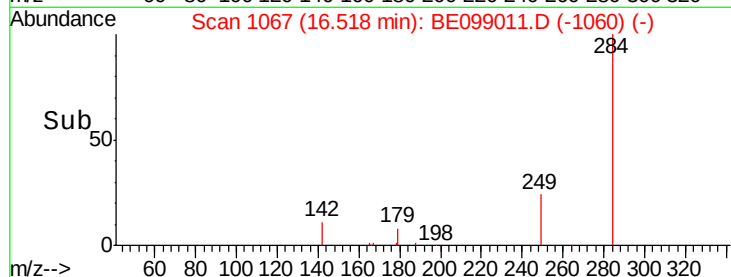
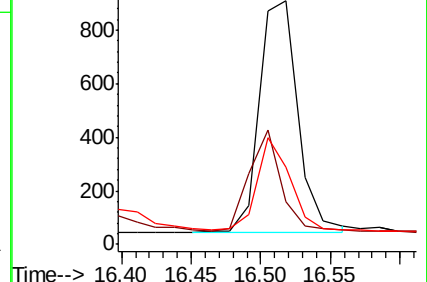
249 33.8 29.6 44.4



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



#22

Pentachlorophenol

Concen: 0.399 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

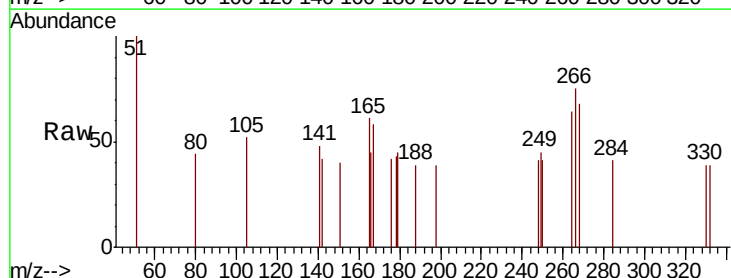
Tgt Ion:266 Resp: 179

Ion Ratio Lower Upper

266 100

264 84.9 66.6 100.0

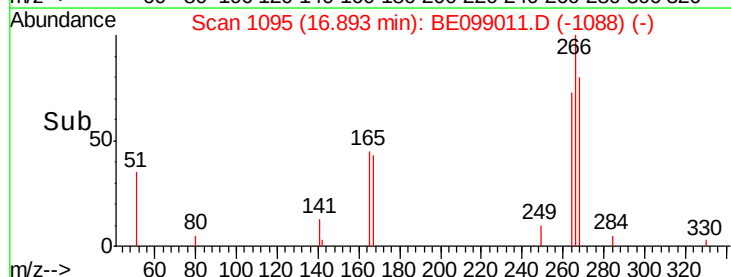
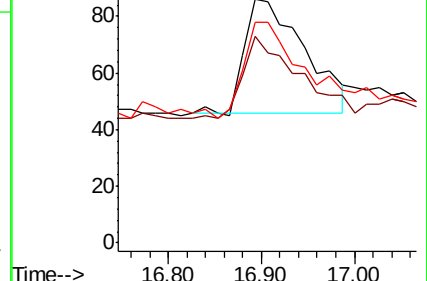
268 90.7 69.8 104.8

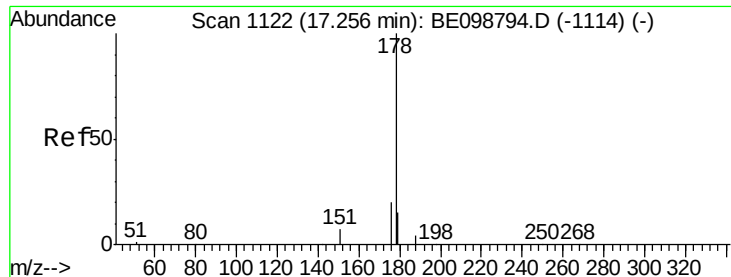


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.403 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

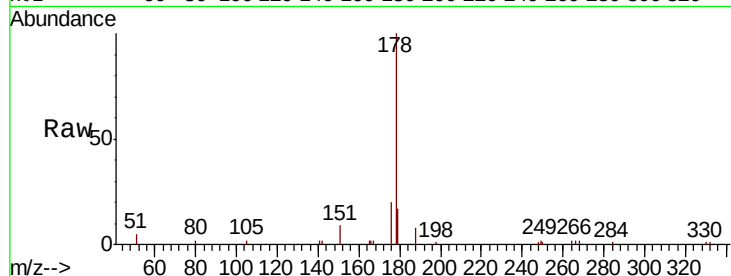
Tgt Ion:178 Resp: 6930

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

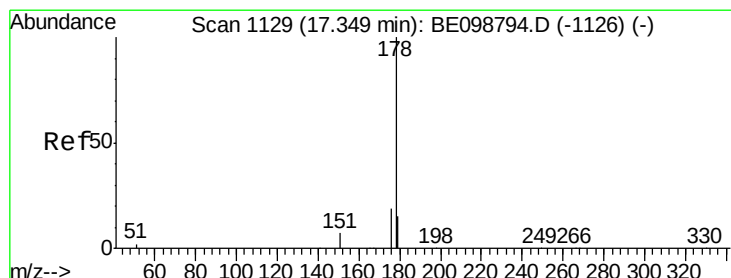
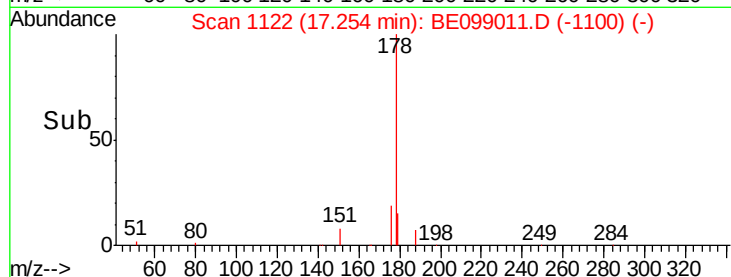
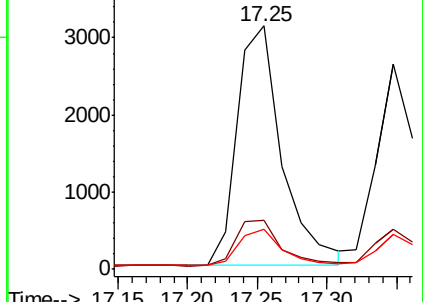
179 15.0 12.1 18.1



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: 0.351 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

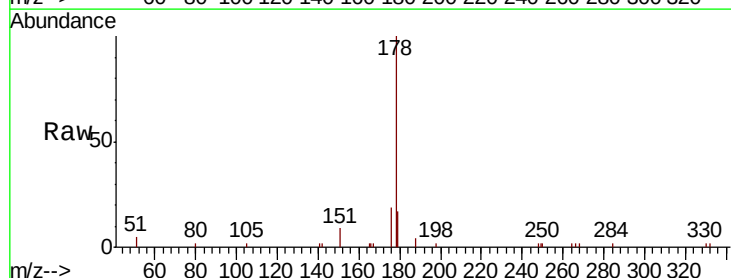
Tgt Ion:178 Resp: 5166

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

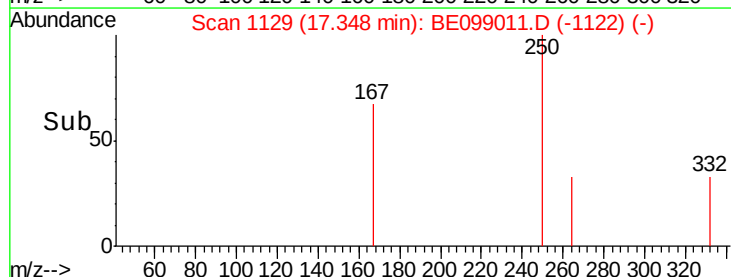
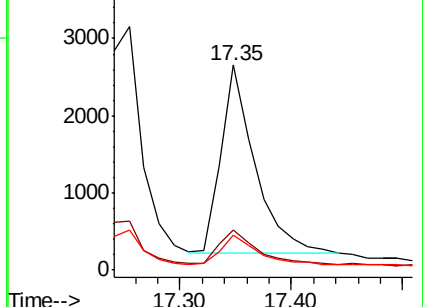
179 15.7 12.2 18.4

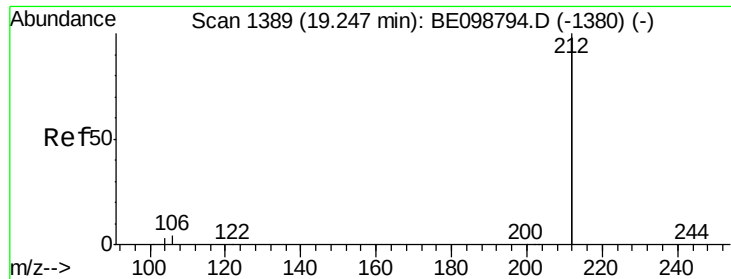


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

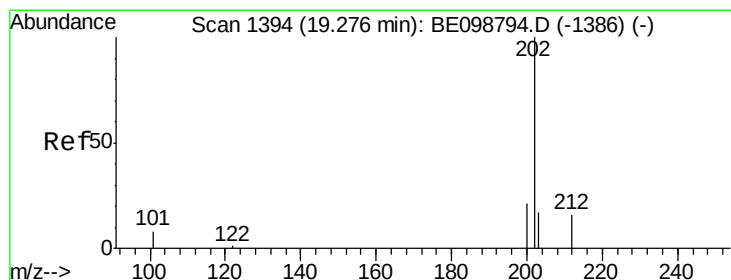
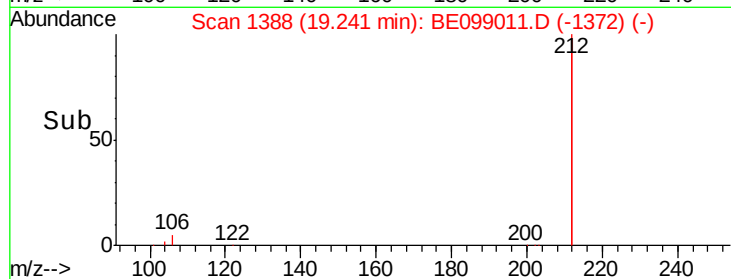
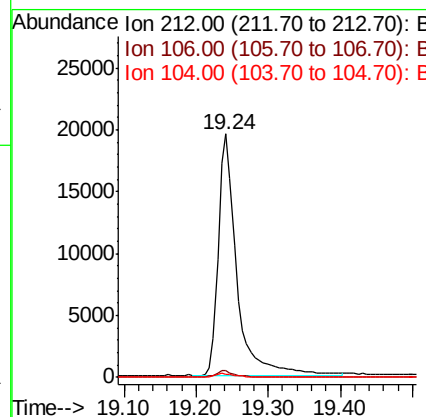
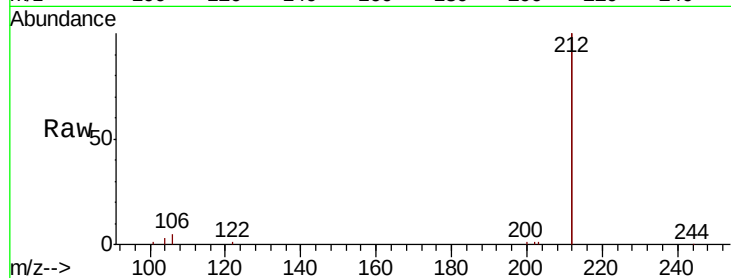




#25
 Fluoranthene-d10
 Concen: 0.360 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE099011.D
 Acq: 18 Mar 2019 21:28

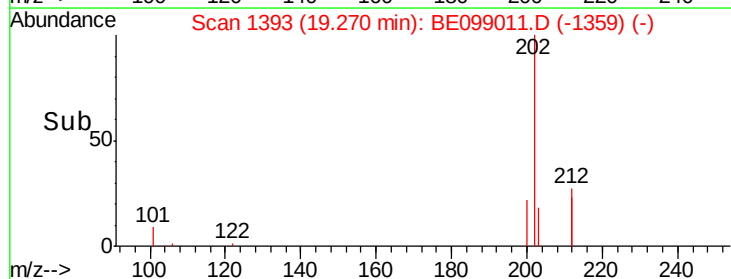
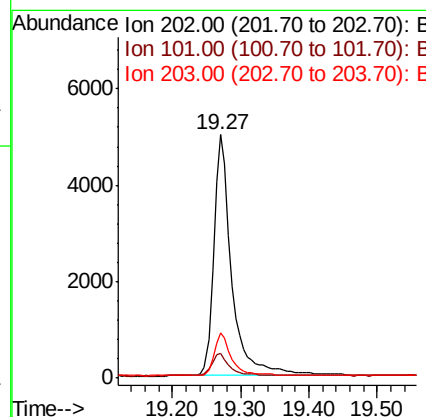
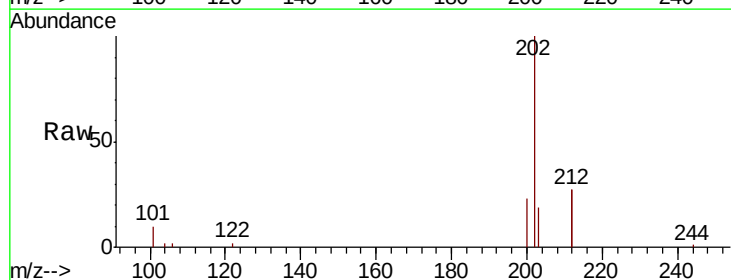
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

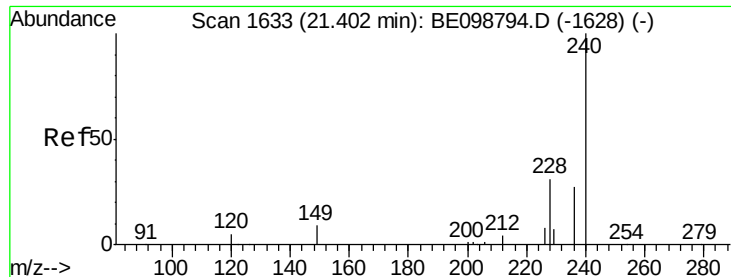
Tgt Ion:212 Resp: 34751
 Ion Ratio Lower Upper
 212 100
 106 2.5 1.8 2.8
 104 1.4 1.0 1.6



#26
 Fluoranthene
 Concen: 0.377 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BE099011.D
 Acq: 18 Mar 2019 21:28

Tgt Ion:202 Resp: 9152
 Ion Ratio Lower Upper
 202 100
 101 9.2 7.3 10.9
 203 16.7 13.4 20.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

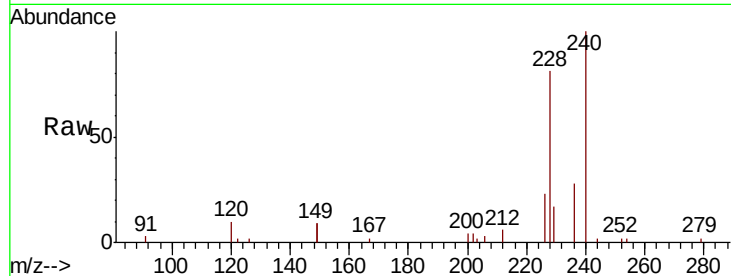
Tgt Ion:240 Resp: 7225

Ion Ratio Lower Upper

240 100

120 10.0 5.0 7.4#

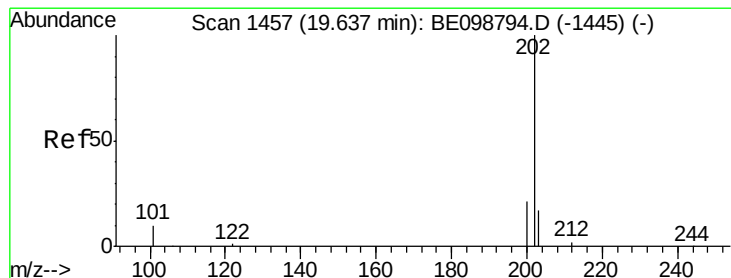
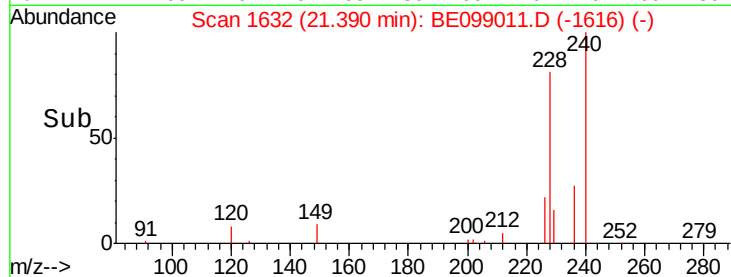
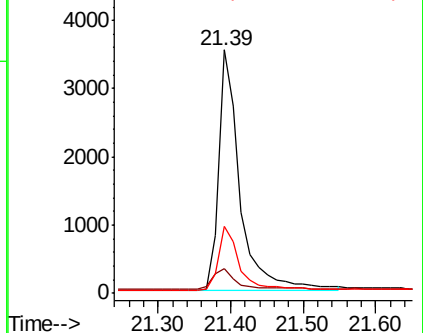
236 27.6 22.7 34.1



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: 0.422 ng

RT: 19.63 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

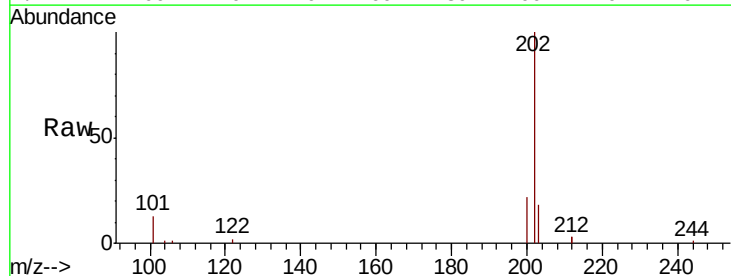
Tgt Ion:202 Resp: 9336

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

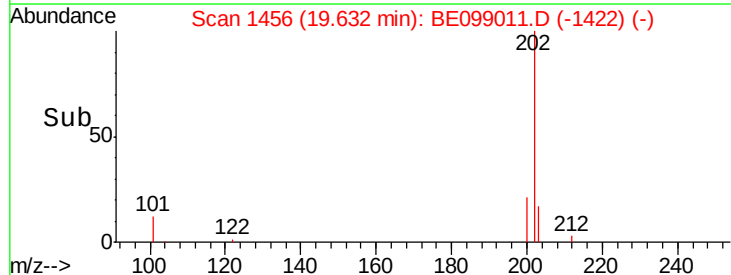
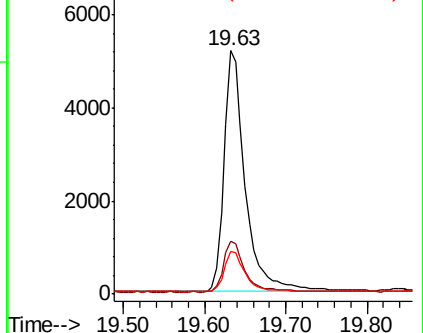
203 17.2 14.2 21.2

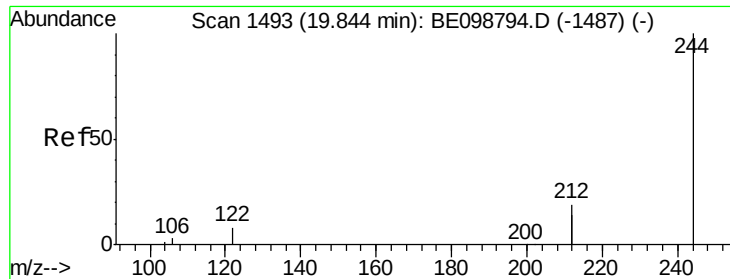


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

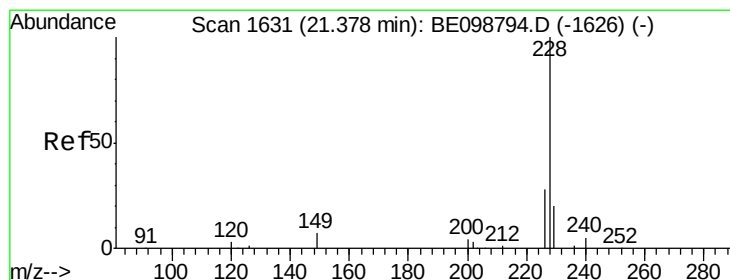
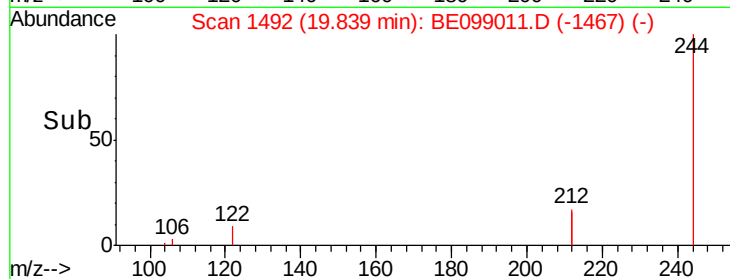
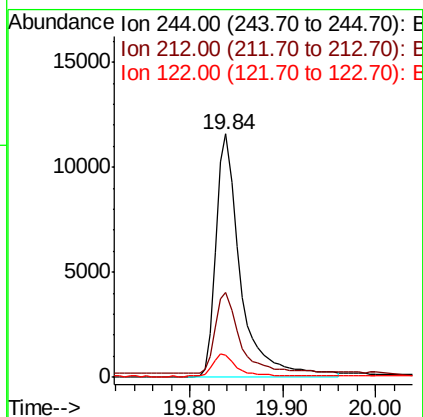
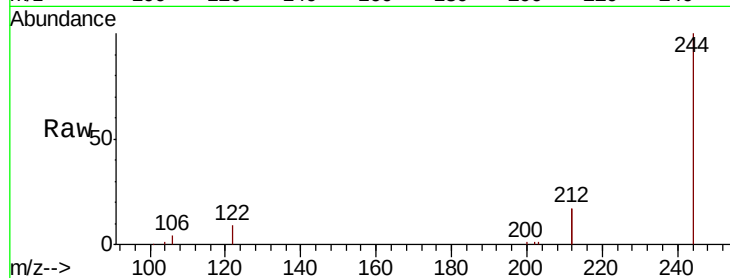




#29
 Terphenyl-d14
 Concen: 1.198 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE099011.D
 Acq: 18 Mar 2019 21:28

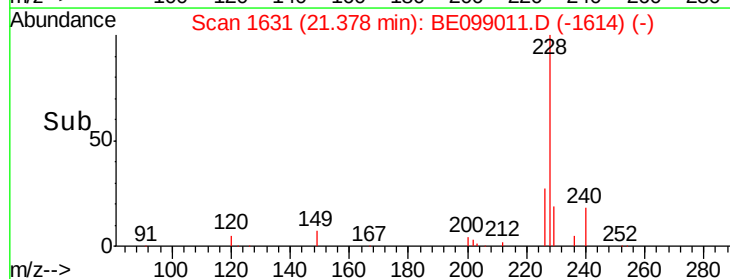
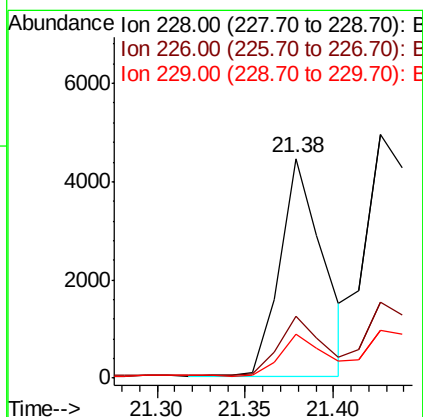
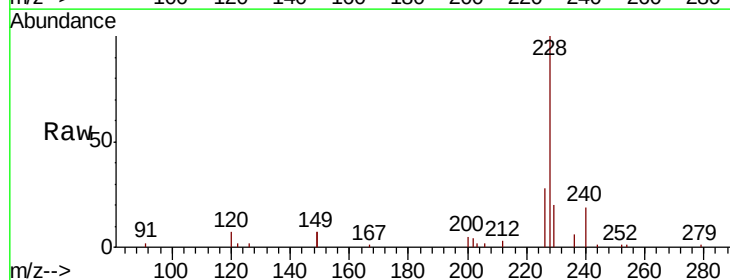
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

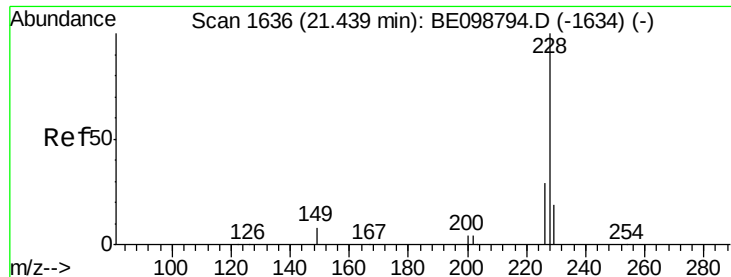
Tgt Ion: 244 Resp: 21031
 Ion Ratio Lower Upper
 244 100
 212 34.8 29.4 44.2
 122 9.0 7.1 10.7



#30
 Benzo(a)anthracene
 Concen: 0.334 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE099011.D
 Acq: 18 Mar 2019 21:28

Tgt Ion: 228 Resp: 7541
 Ion Ratio Lower Upper
 228 100
 226 28.0 23.0 34.4
 229 20.0 16.5 24.7





#31

Chrysene

Concen: 0.436 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

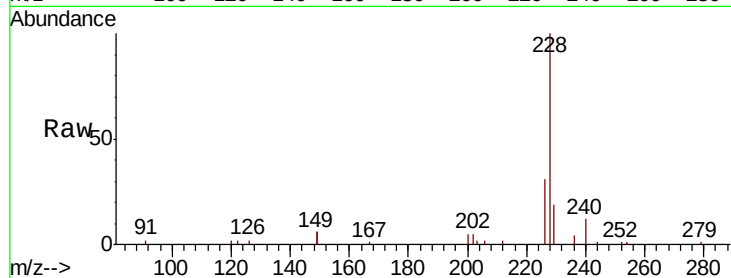
Tgt Ion:228 Resp: 10518

Ion Ratio Lower Upper

228 100

226 31.2 23.7 35.5

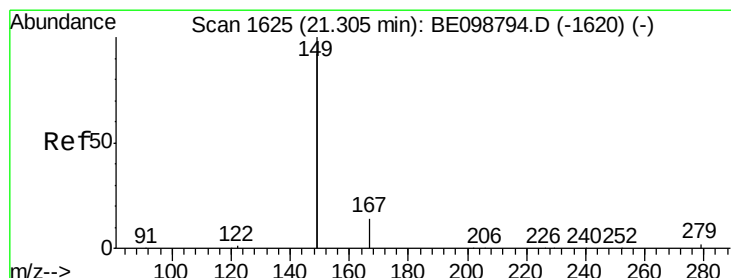
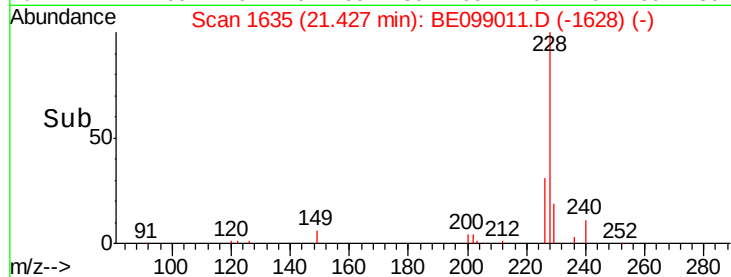
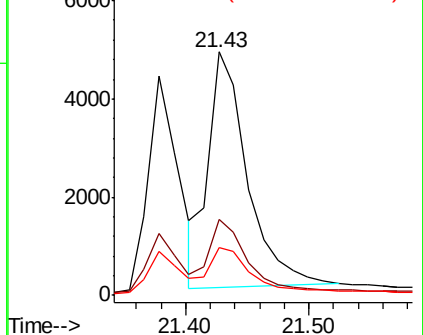
229 19.4 16.1 24.1



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: 0.330 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

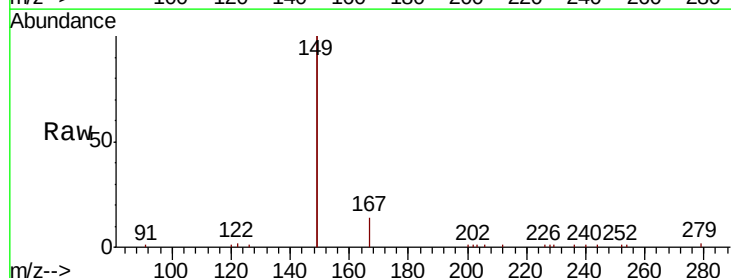
Tgt Ion:149 Resp: 15824

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

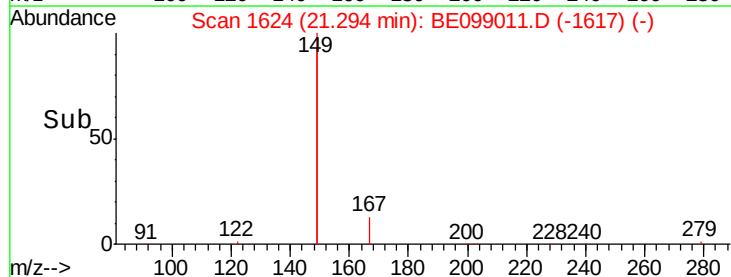
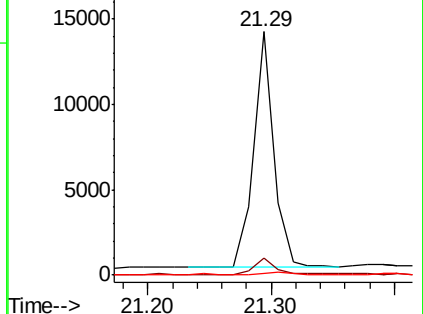
279 1.1 1.0 1.4

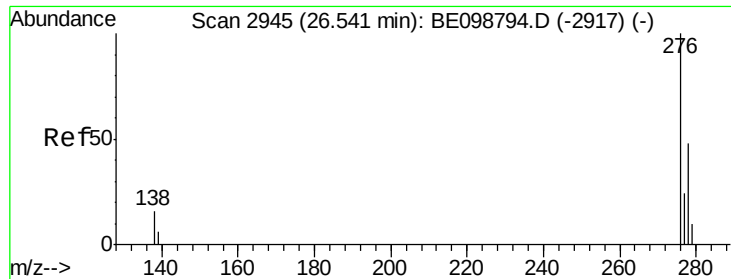


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.338 ng

RT: 26.53 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

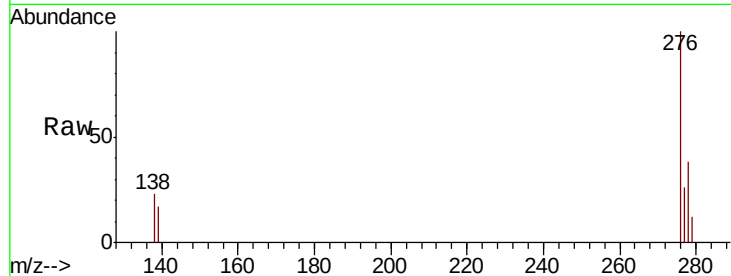
Tgt Ion:276 Resp: 8602

Ion Ratio Lower Upper

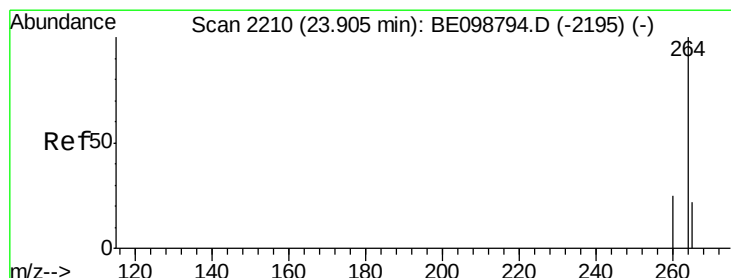
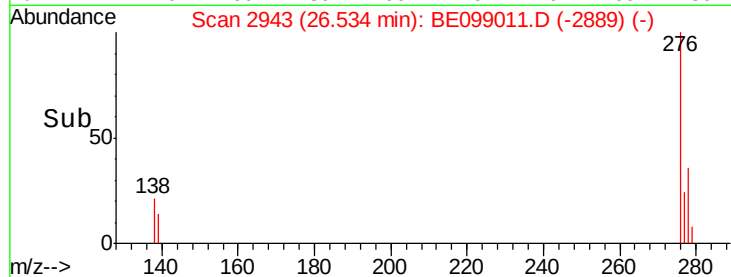
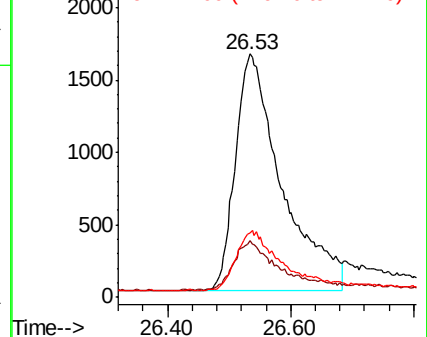
276 100

138 19.4 13.8 20.8

277 22.5 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: 23.89 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

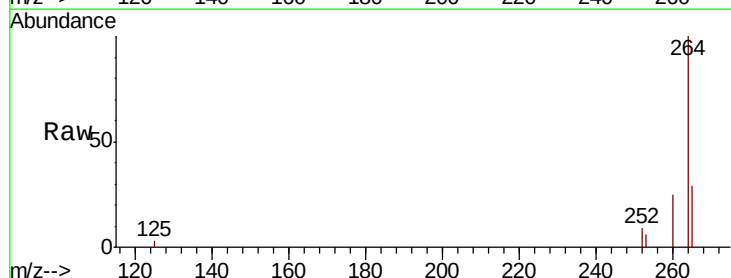
Tgt Ion:264 Resp: 6974

Ion Ratio Lower Upper

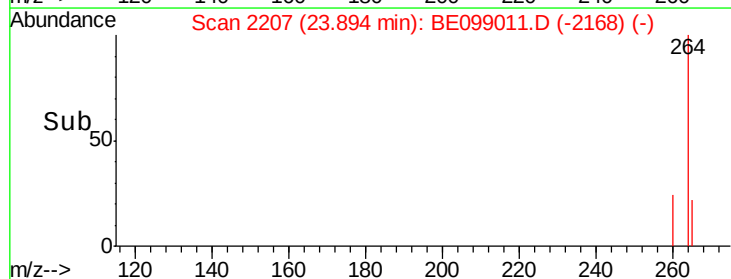
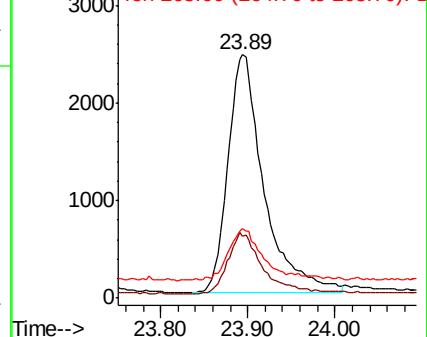
264 100

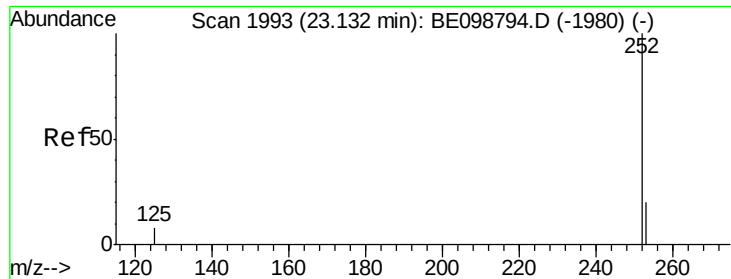
260 25.4 21.2 31.8

265 28.7 24.6 36.8



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

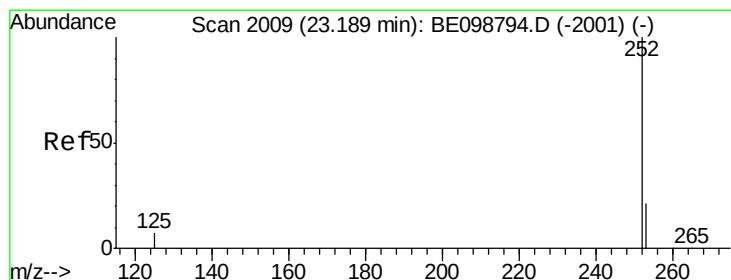
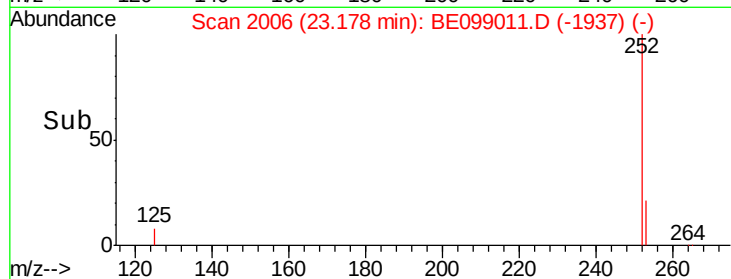
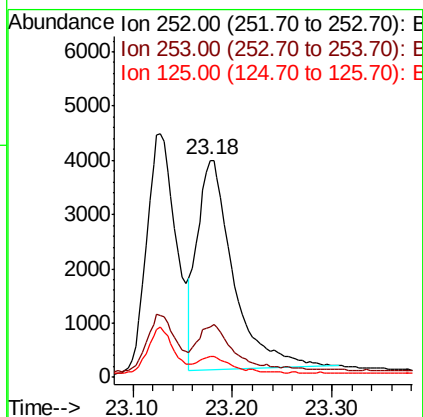
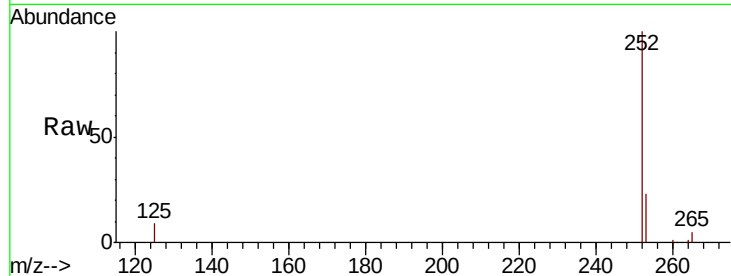




#35
Benzo(b)fluoranthene
Concen: 0.424 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BE099011.D
Acq: 18 Mar 2019 21:28

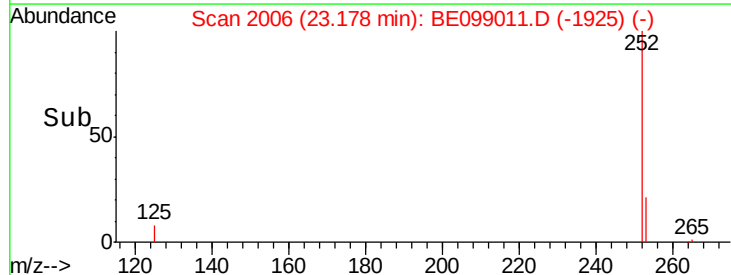
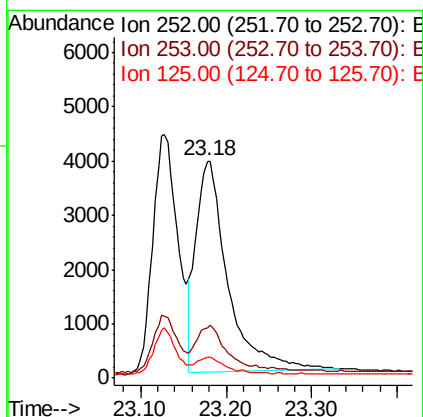
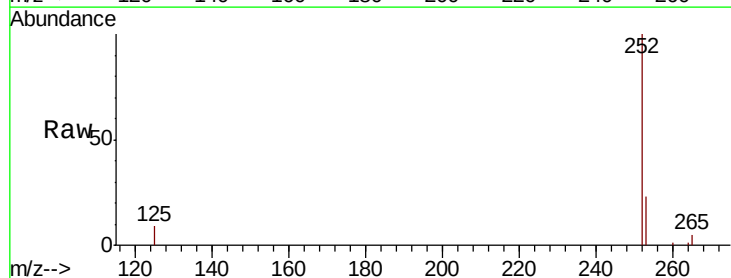
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

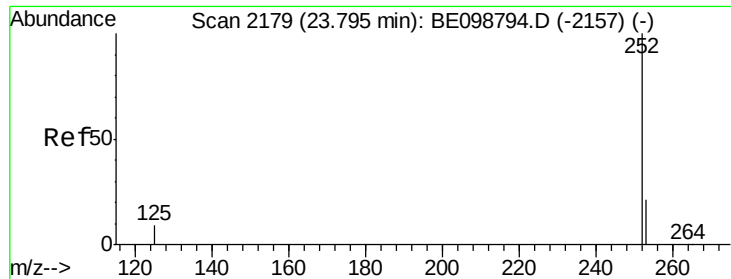
Tgt Ion: 252 Resp: 9728
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.2
125 9.4 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.423 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE099011.D
Acq: 18 Mar 2019 21:28

Tgt Ion: 252 Resp: 10155
Ion Ratio Lower Upper
252 100
253 23.4 19.3 28.9
125 9.4 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.411 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

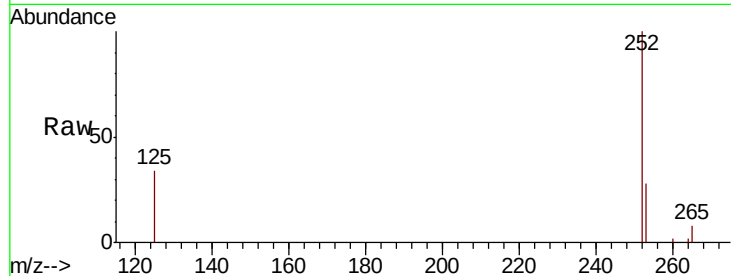
Tgt Ion:252 Resp: 9035

Ion Ratio Lower Upper

252 100

253 28.4 19.9 29.9

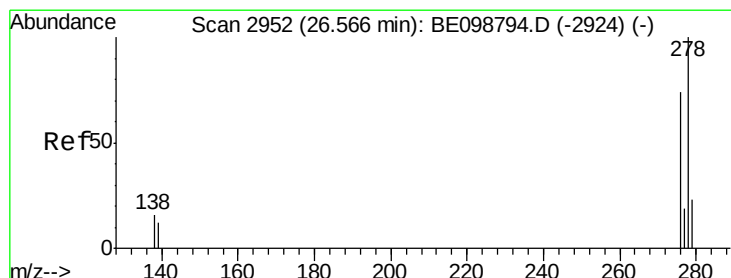
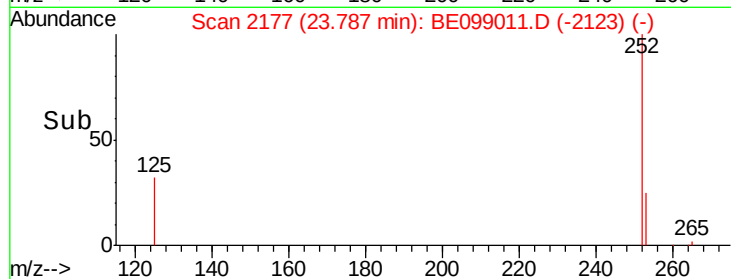
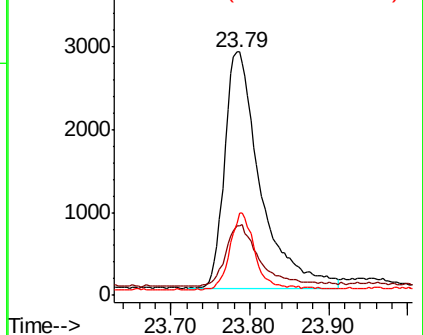
125 33.7 9.0 13.4#



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: 0.118 ng

RT: 26.56 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BE099011.D

Acq: 18 Mar 2019 21:28

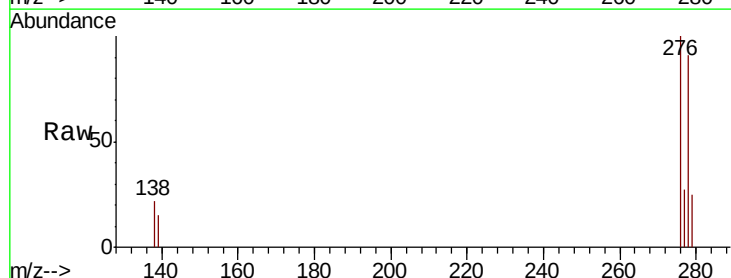
Tgt Ion:278 Resp: 2462

Ion Ratio Lower Upper

278 100

139 16.6 11.8 17.6

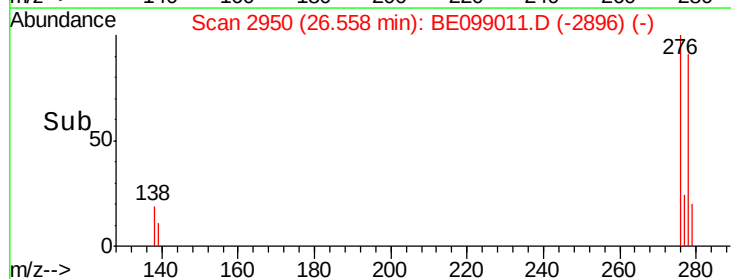
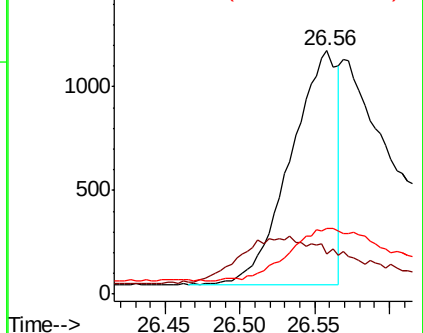
279 27.0 21.1 31.7

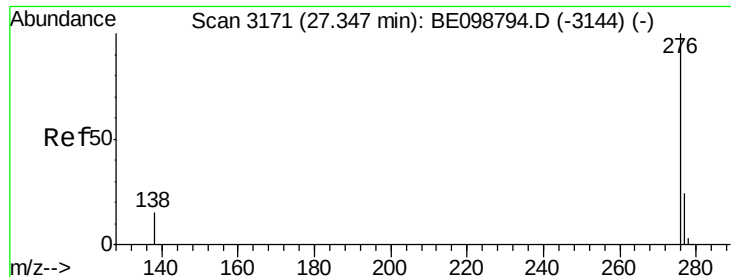


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.351 ng

RT: 27.34 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BE099011.D

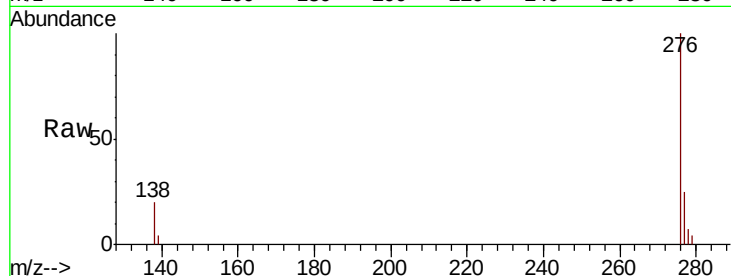
Acq: 18 Mar 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



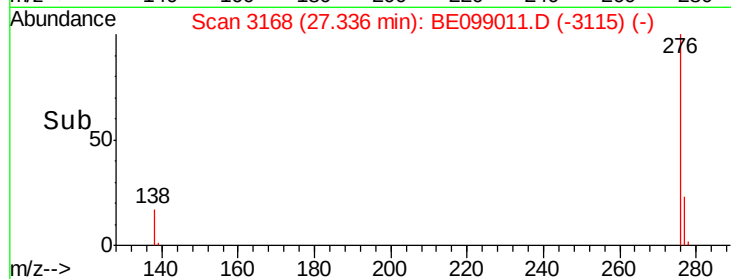
Tgt Ion: 276 Resp: 7638

Ion Ratio Lower Upper

276 100

277 25.5 20.4 30.6

138 19.7 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

