

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032219\
 Data File : BE099076.D
 Acq On : 22 Mar 2019 11:26
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 22 13:36:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 22 13:31:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3112	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	11859	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	7846	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	23568	0.40	ng	0.00
27) Chrysene-d12	21.39	240	31222	0.40	ng	0.00
34) Perylene-d12	23.90	264	31823	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	1993	0.21	ng	0.00
5) Phenol-d6	6.99	99	2824	0.21	ng	0.00
8) Nitrobenzene-d5	8.99	82	977	0.08	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	4470	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	421	0.11	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	6658	0.20	ng	0.00
25) Fluoranthene-d10	19.24	212	67095	0.18	ng	0.00
29) Terphenyl-d14	19.85	244	13754	0.18	ng	0.00

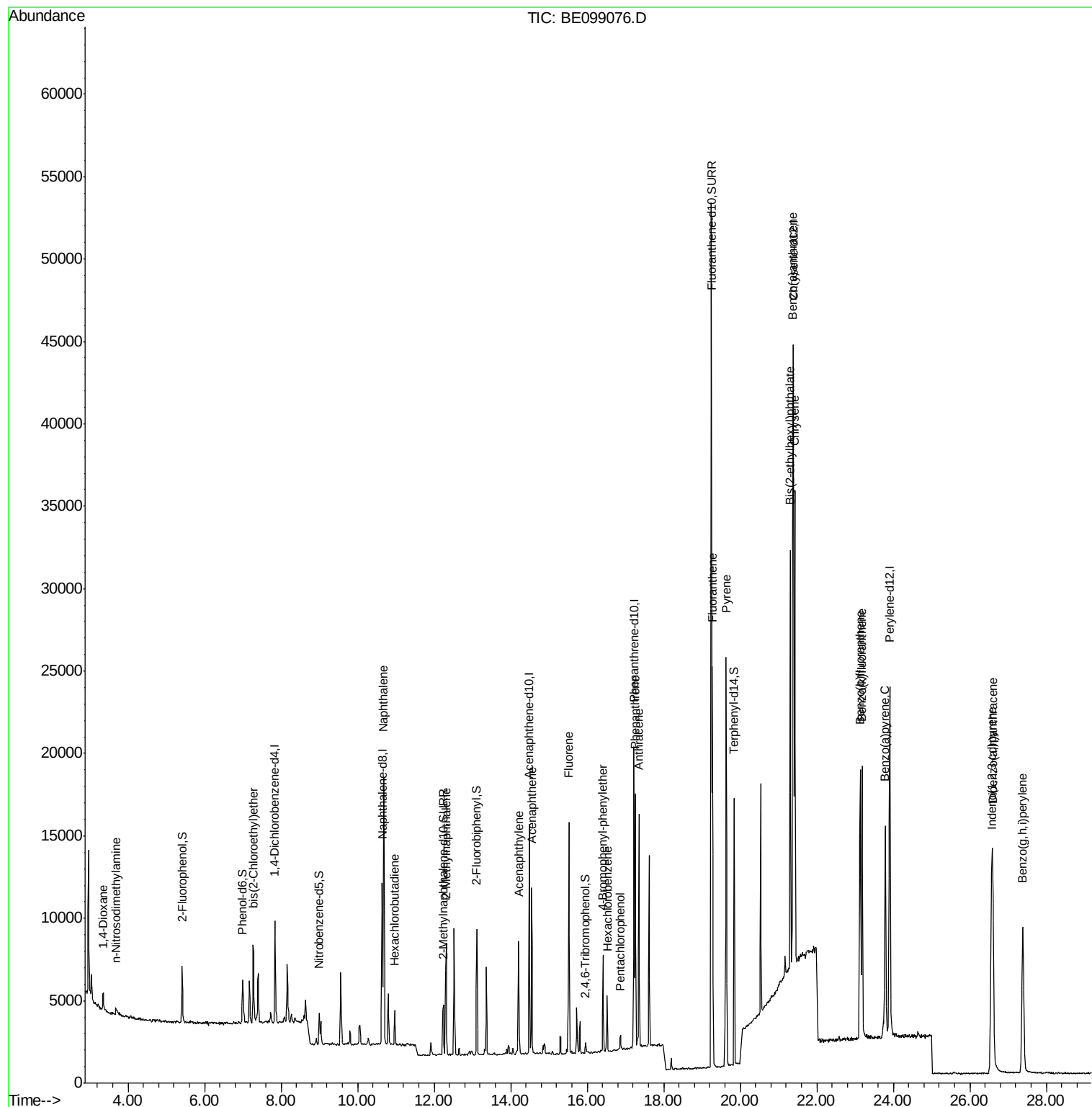
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	909	0.148	ng	# 83
3) n-Nitrosodimethylamine	3.68	42	400	0.051	ng	# 100
6) bis(2-Chloroethyl)ether	7.27	93	2058	0.203	ng	91
9) Naphthalene	10.68	128	29362	0.216	ng	99
10) Hexachlorobutadiene	10.96	225	1468	0.163	ng	96
12) 2-Methylnaphthalene	12.31	142	4971	0.226	ng	97
16) Acenaphthylene	14.21	152	8801	0.218	ng	100
17) Acenaphthene	14.54	154	5239	0.219	ng	100
18) Fluorene	15.51	166	7763	0.225	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	2797	0.219	ng	99
21) Hexachlorobenzene	16.52	284	2585	0.170	ng	96
22) Pentachlorophenol	16.87	266	620	0.201	ng	92
23) Phenanthrene	17.25	178	15125	0.226	ng	99
24) Anthracene	17.35	178	13864	0.242	ng	99
26) Fluoranthene	19.27	202	21355	0.226	ng	99
28) Pyrene	19.63	202	22533	0.236	ng	99
30) Benzo(a)anthracene	21.38	228	23486	0.241	ng	98
31) Chrysene	21.43	228	23893	0.229	ng	99
32) Bis(2-ethylhexyl)phthalate	21.30	149	28767	0.139	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.56	276	25454	0.231	ng	99
35) Benzo(b)fluoranthene	23.13	252	23352	0.223	ng	96
36) Benzo(k)fluoranthene	23.18	252	22761	0.208	ng	97
37) Benzo(a)pyrene	23.79	252	21458	0.214	ng	97
38) Dibenzo(a,h)anthracene	26.59	278	20211	0.213	ng	96
39) Benzo(g,h,i)perylene	27.39	276	21520	0.217	ng	98

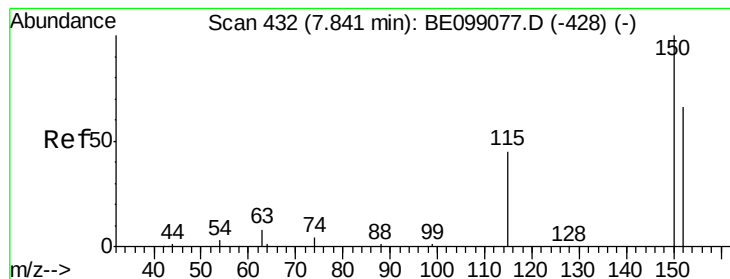
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.84 min Scan# 432

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

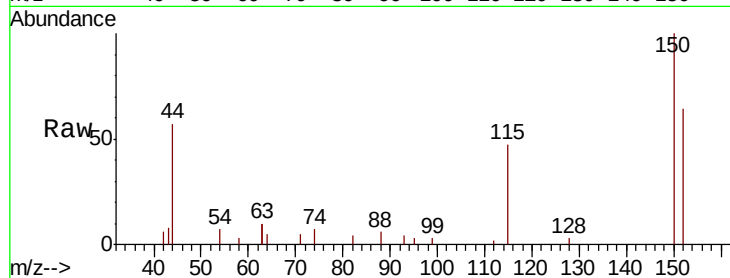
Tot Ion:152 Resp: 3112

Ion Ratio Lower Upper

152 100

150 155.1 119.7 179.5

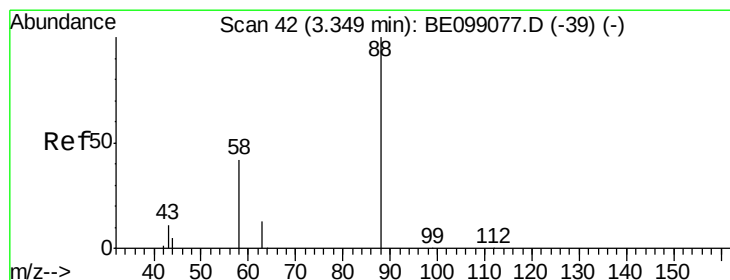
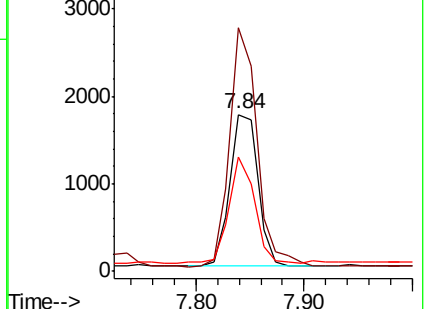
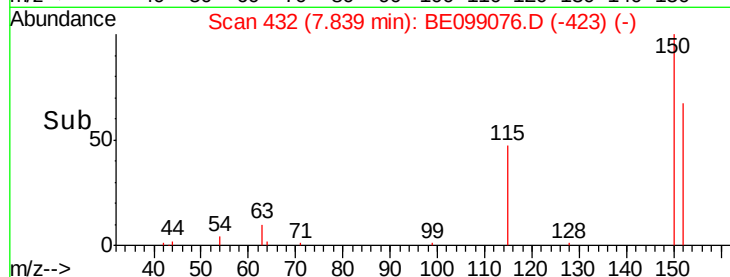
115 72.5 56.5 84.7



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: 0.148 ng

RT: 3.35 min Scan# 42

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

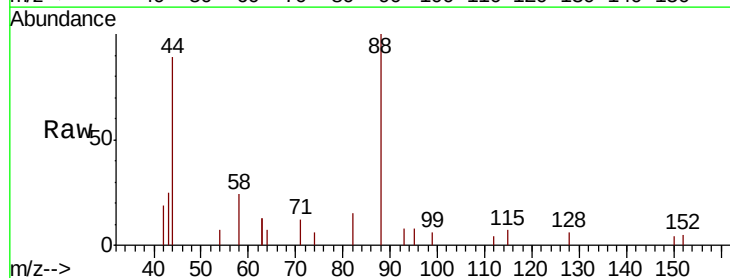
Tgt Ion: 88 Resp: 909

Ion Ratio Lower Upper

88 100

58 64.5 45.5 68.3

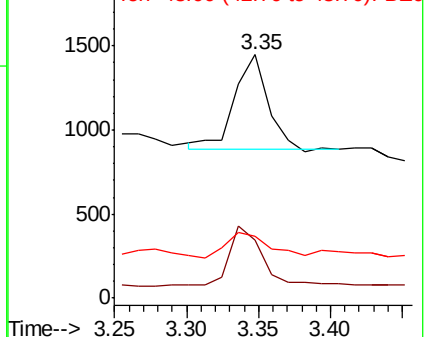
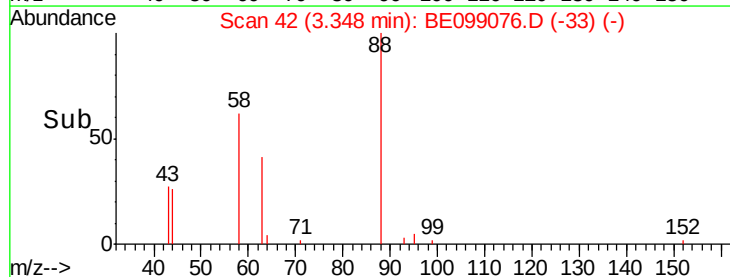
43 35.1 14.9 22.3#

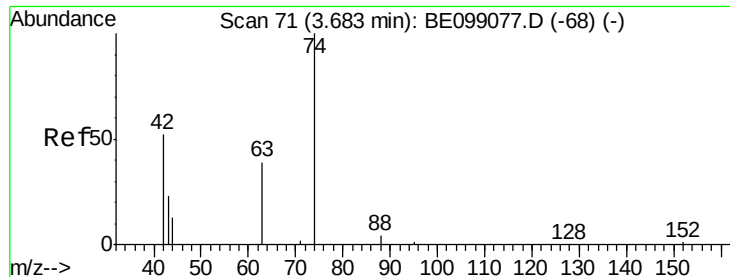


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.051 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

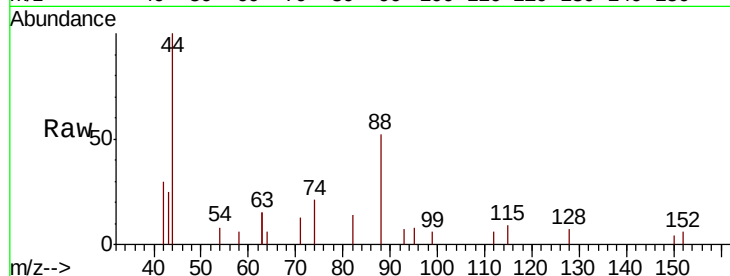
Tot Ion: 42 Resp: 400

Ion Ratio Lower Upper

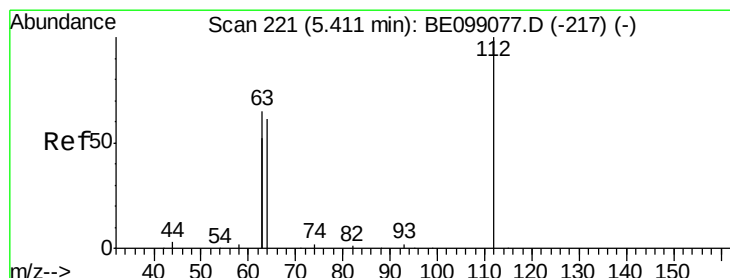
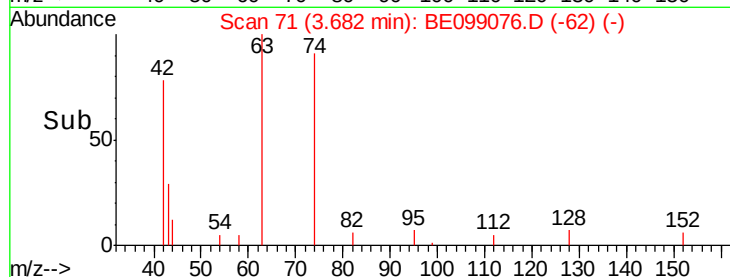
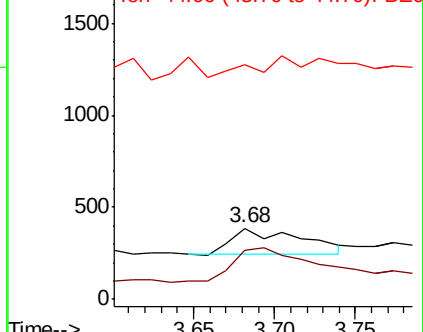
42 100

74 152.8 0.0 0.0#

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: 0.214 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

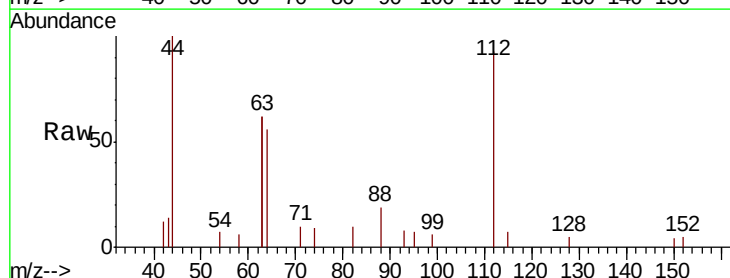
Tgt Ion: 112 Resp: 1993

Ion Ratio Lower Upper

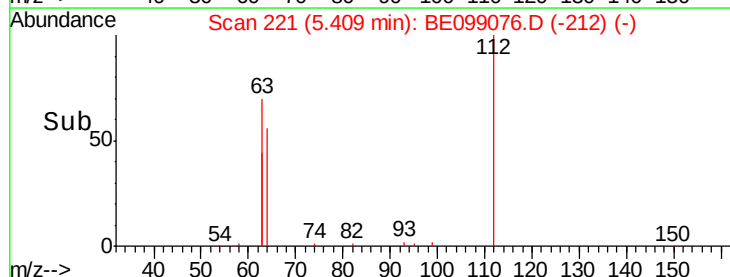
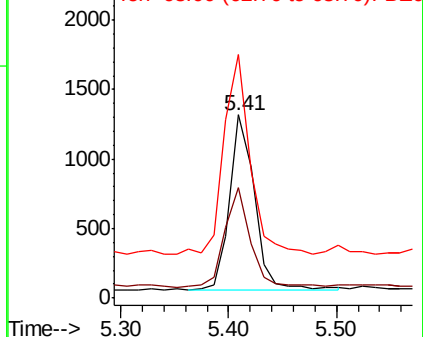
112 100

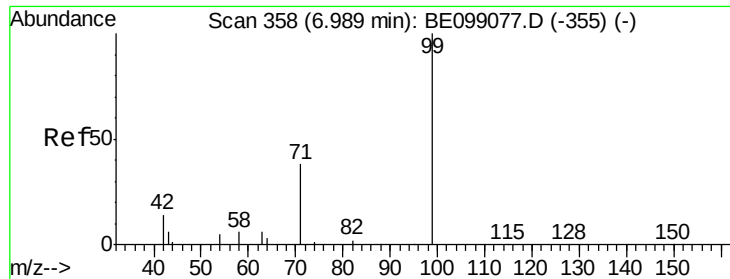
64 59.0 44.8 67.2

63 121.9 88.2 132.2



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: 0.215 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

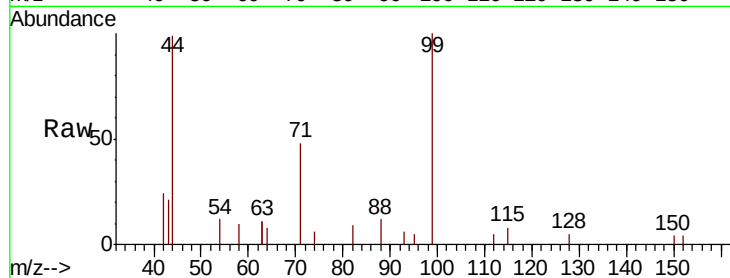
Tot Ion: 99 Resp: 2824

Ion Ratio Lower Upper

99 100

42 16.5 11.8 17.8

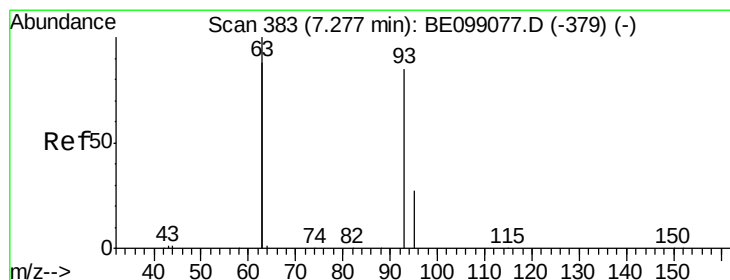
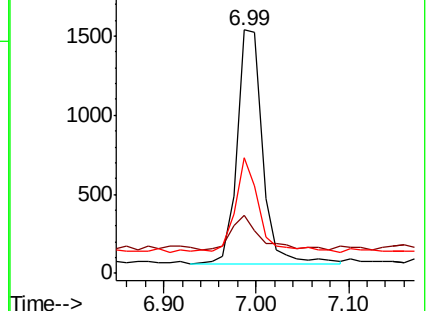
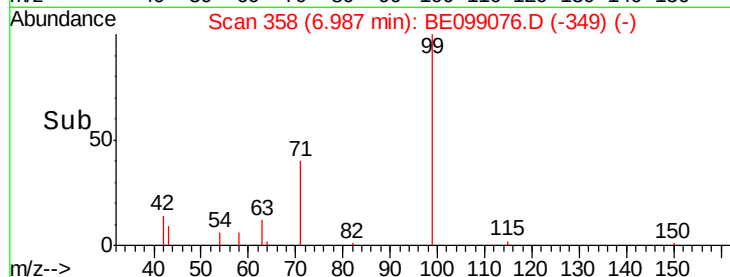
71 40.8 27.4 41.2



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: 0.203 ng

RT: 7.27 min Scan# 383

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

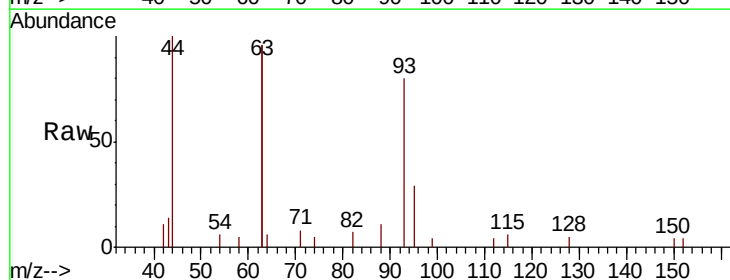
Tgt Ion: 93 Resp: 2058

Ion Ratio Lower Upper

93 100

63 307.5 230.3 345.5

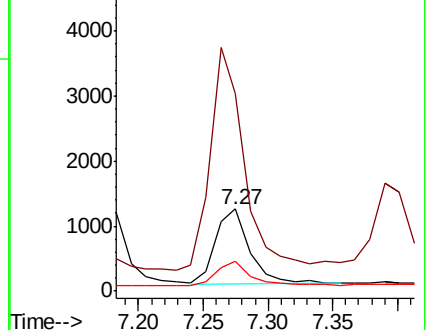
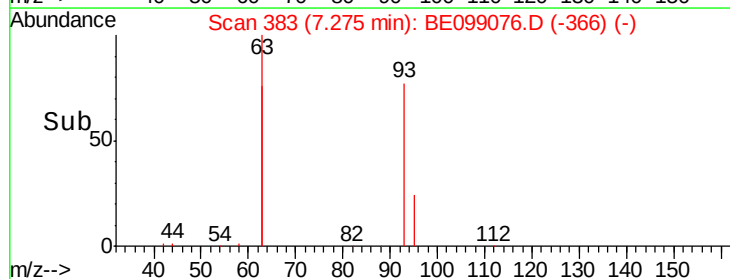
95 34.5 27.4 41.2

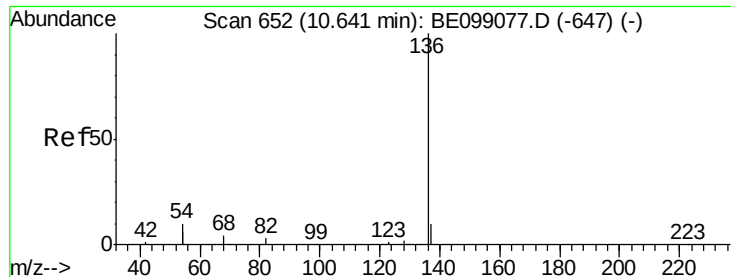


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 11859

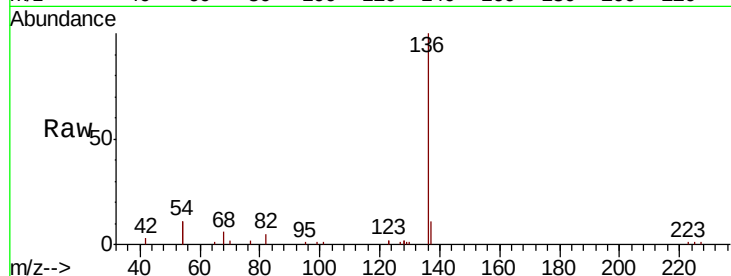
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 22.1 15.7 23.5

68 6.3 4.3 6.5

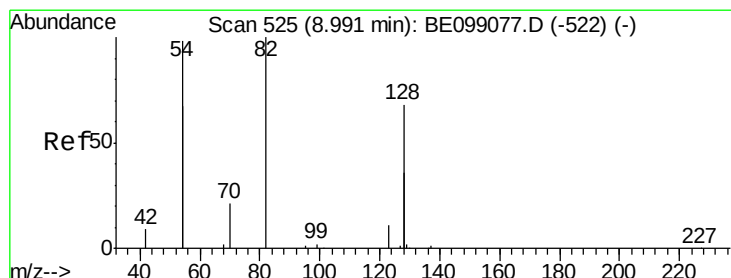
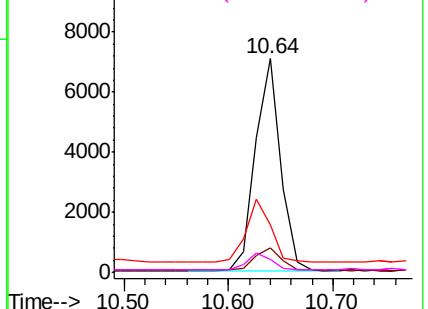
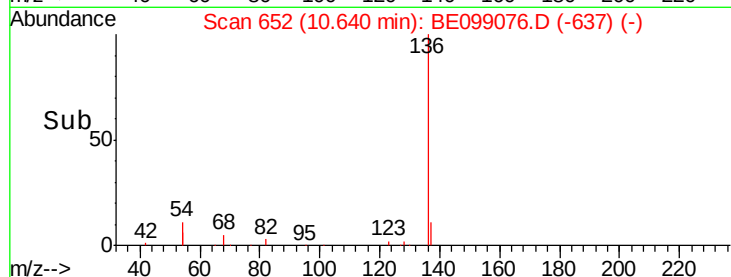


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.079 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

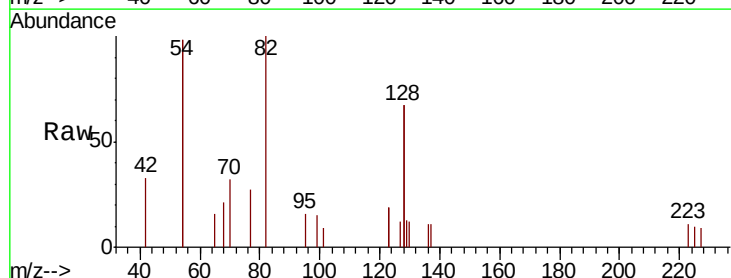
Tgt Ion: 82 Resp: 977

Ion Ratio Lower Upper

82 100

128 134.1 98.8 148.2

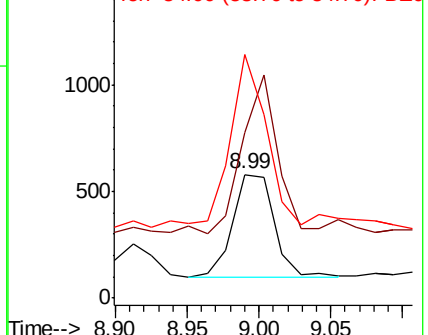
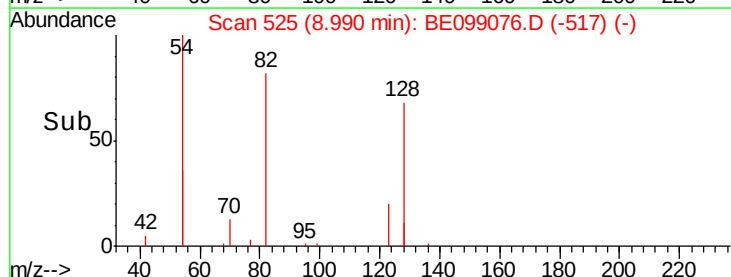
54 196.9 143.7 215.5

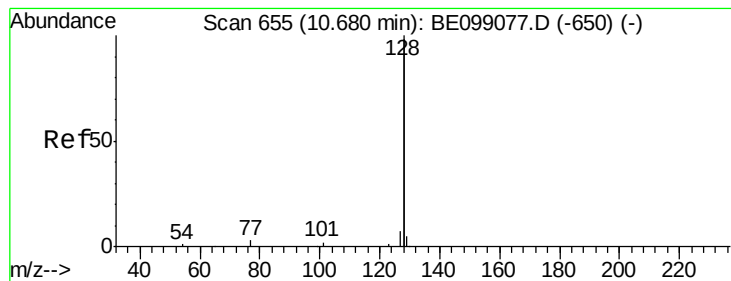


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.216 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

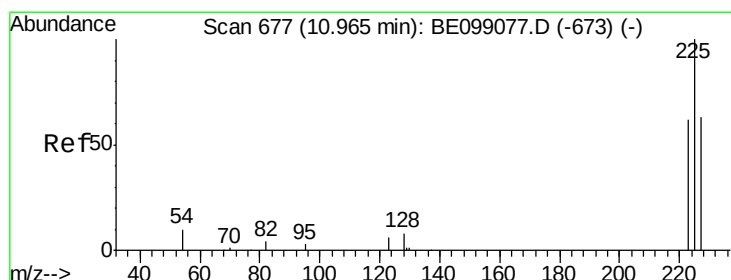
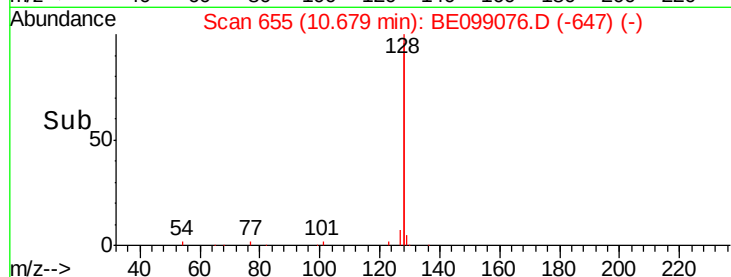
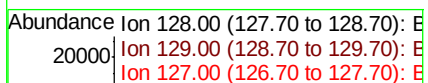
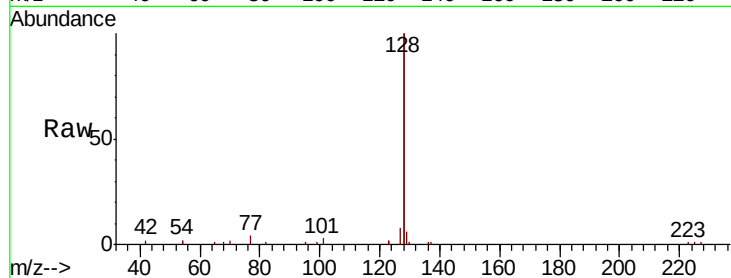
Tot Ion:128 Resp: 29362

Ion Ratio Lower Upper

128 100

129 3.0 2.3 3.5

127 3.9 2.8 4.2



#10

Hexachlorobutadiene

Concen: 0.163 ng

RT: 10.96 min Scan# 677

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

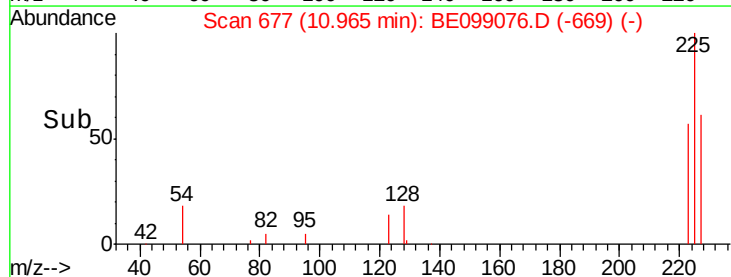
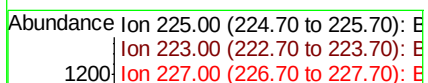
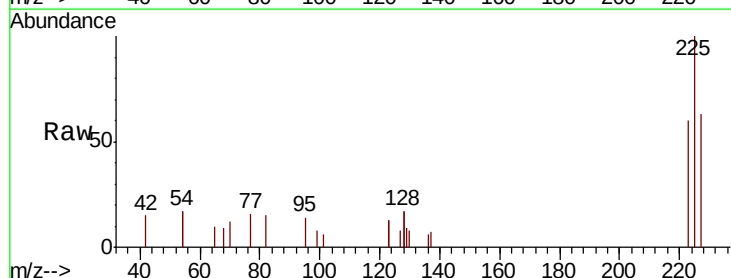
Tgt Ion:225 Resp: 1468

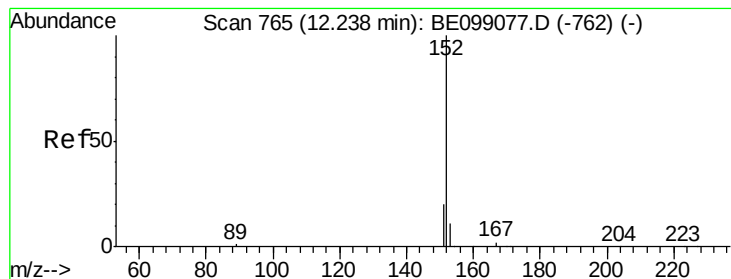
Ion Ratio Lower Upper

225 100

223 60.4 51.1 76.7

227 61.9 51.4 77.2





#11

2-Methylnaphthalene-d10

Concen: 0.204 ng

RT: 12.24 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

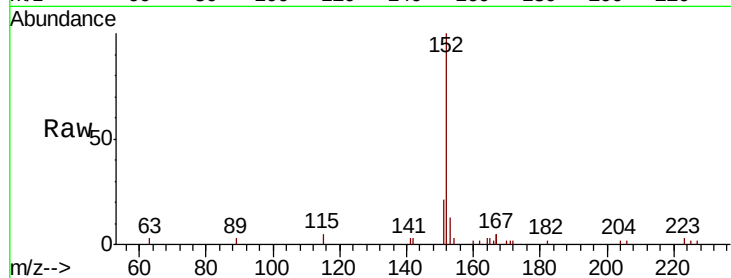
ClientSampled :

Tot Ion:152 Resp: 4470

Ion Ratio Lower Upper

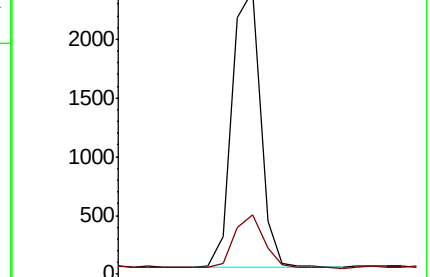
152 100

151 20.6 15.7 23.5

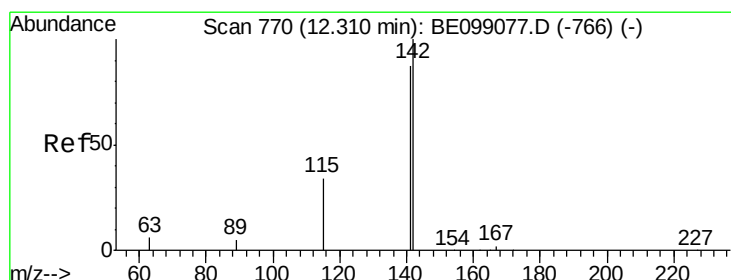
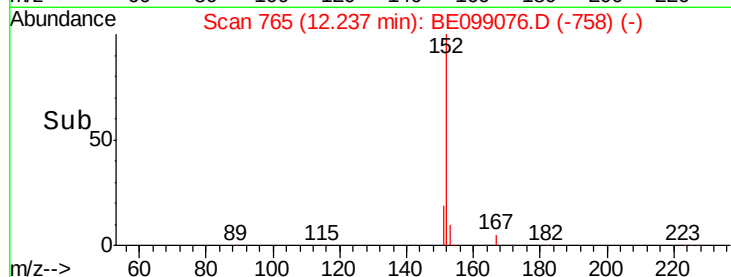


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#12

2-Methylnaphthalene

Concen: 0.226 ng

RT: 12.31 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

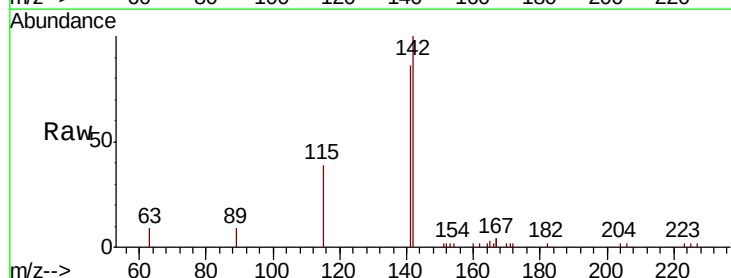
Tgt Ion:142 Resp: 4971

Ion Ratio Lower Upper

142 100

141 85.6 69.7 104.5

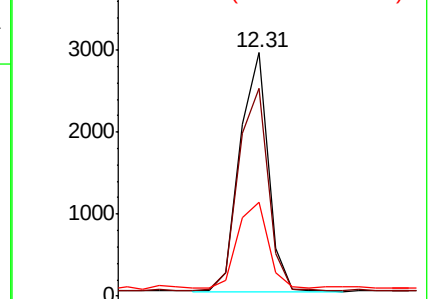
115 38.7 28.2 42.4



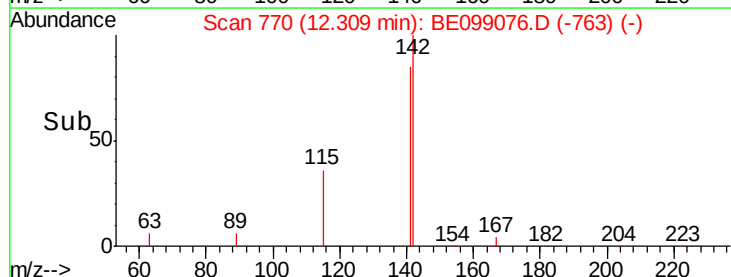
Abundance Ion 142.00 (141.70 to 142.70): E

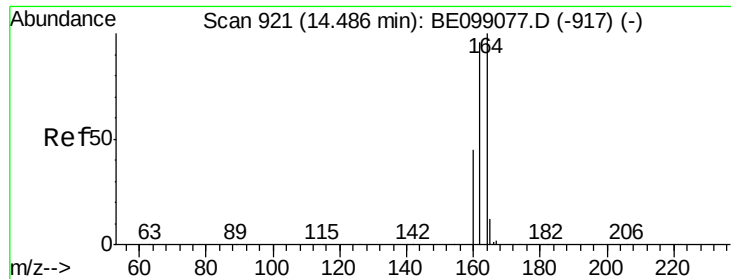
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->

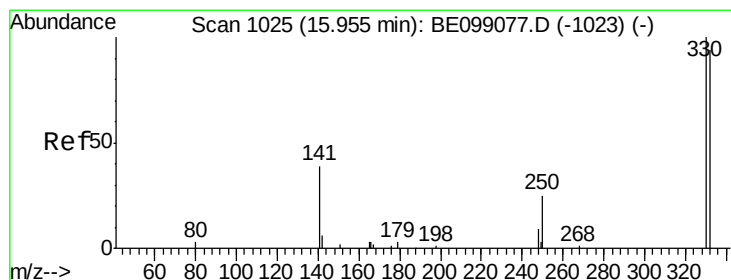
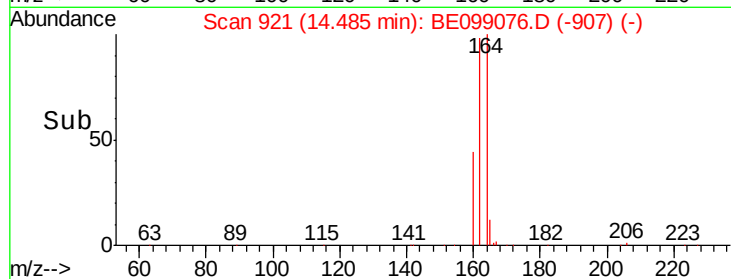
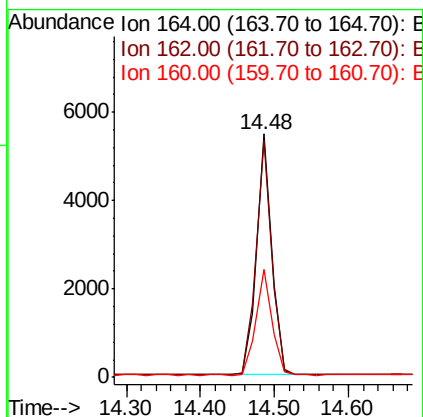
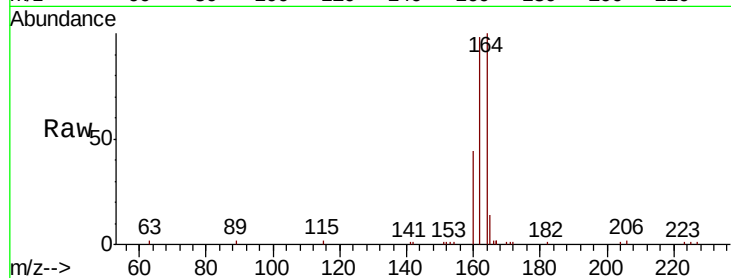




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

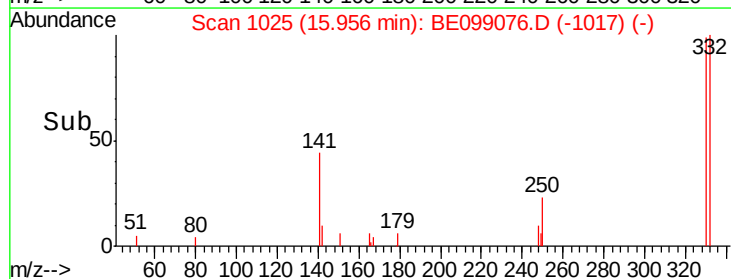
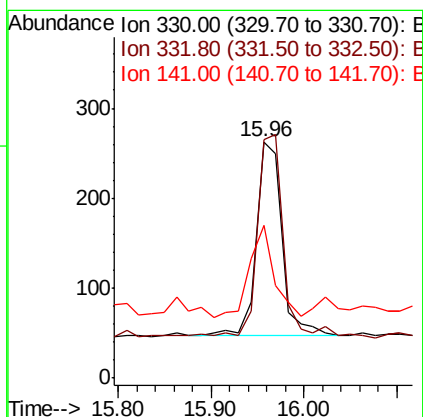
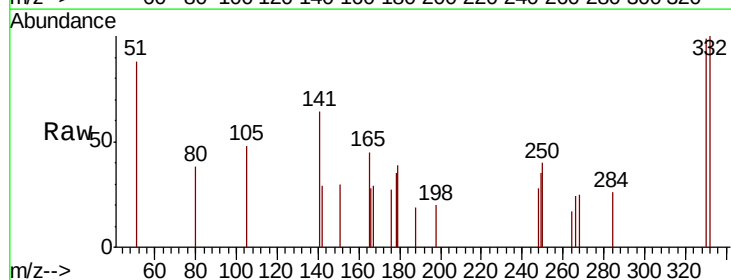
Instrument :
BNA_E
ClientSampled :

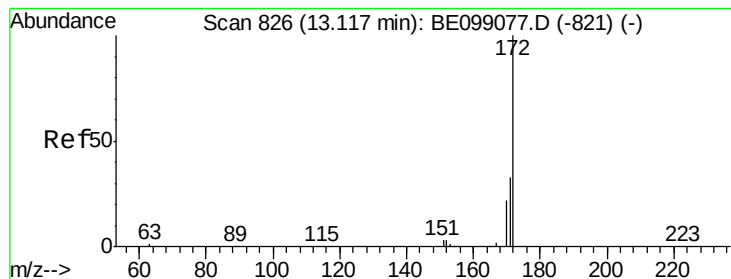
Tot Ion:164 Resp: 7846
Ion Ratio Lower Upper
164 100
162 97.7 76.8 115.2
160 44.3 36.1 54.1



#14
2,4,6-Tribromophenol
Concen: 0.106 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:330 Resp: 421
Ion Ratio Lower Upper
330 100
332 107.8 83.0 124.4
141 44.2 30.7 46.1





#15

2-Fluorobiphenyl

Concen: 0.205 ng

RT: 13.12 min Scan# 826

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

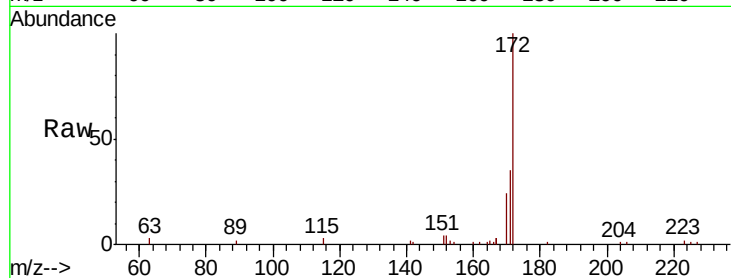
Tot Ion:172 Resp: 6658

Ion Ratio Lower Upper

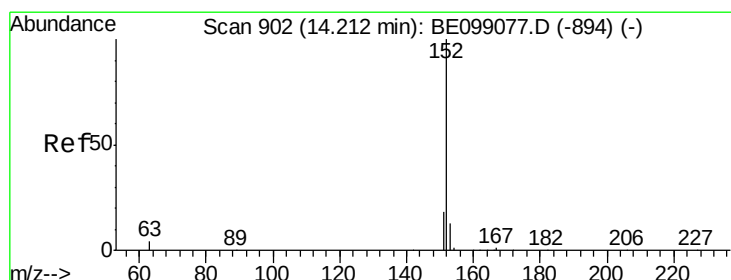
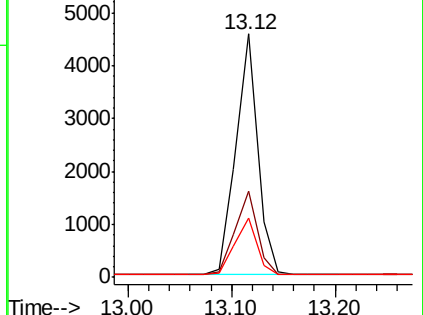
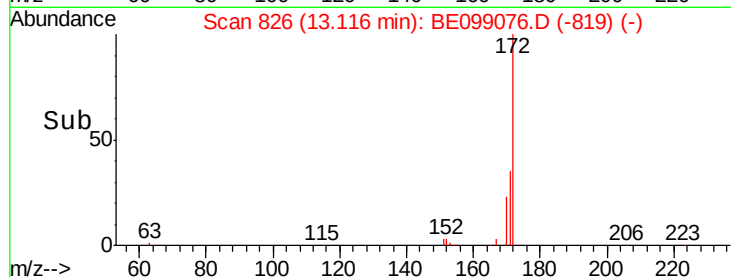
172 100

171 35.4 26.7 40.1

170 24.1 18.1 27.1



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: 0.218 ng

RT: 14.21 min Scan# 902

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

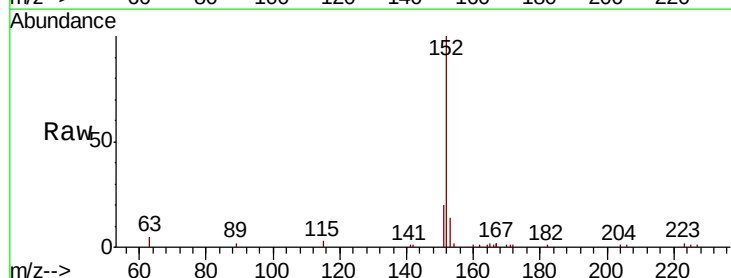
Tgt Ion:152 Resp: 8801

Ion Ratio Lower Upper

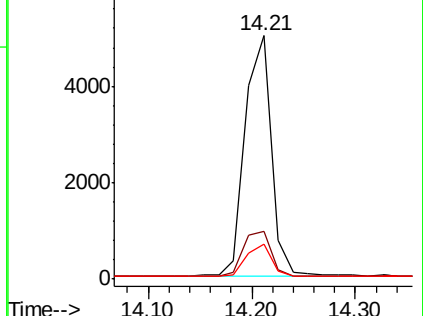
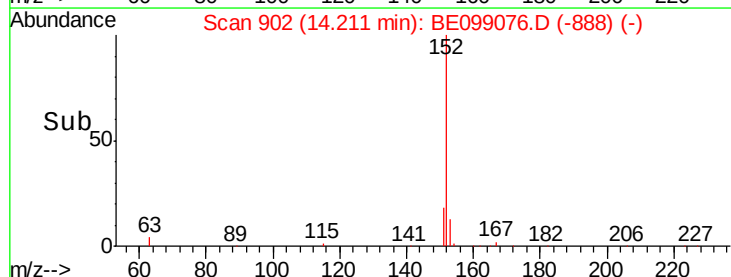
152 100

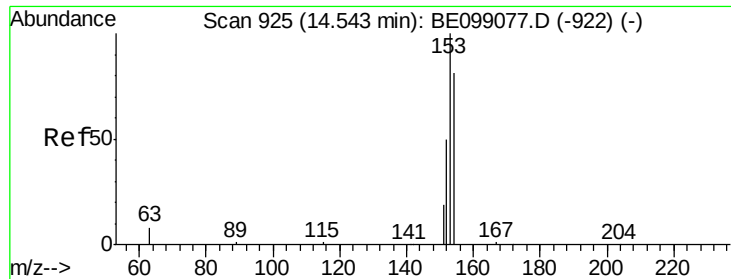
151 19.8 15.7 23.5

153 12.8 10.2 15.4



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: 0.219 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampled :

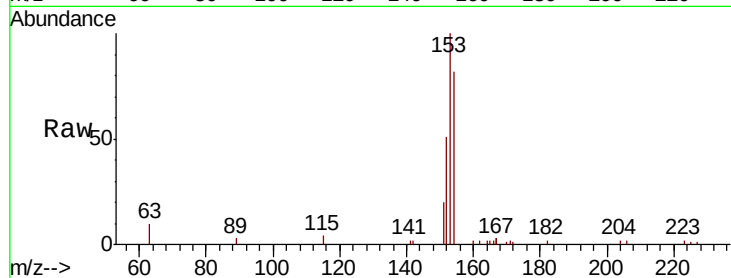
Tot Ion:154 Resp: 5239

Ion Ratio Lower Upper

154 100

153 118.5 94.9 142.3

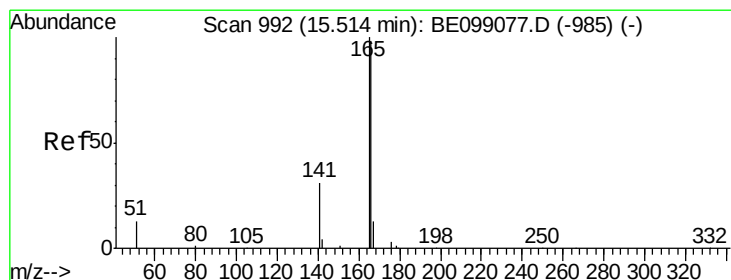
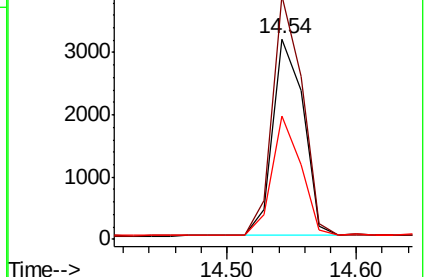
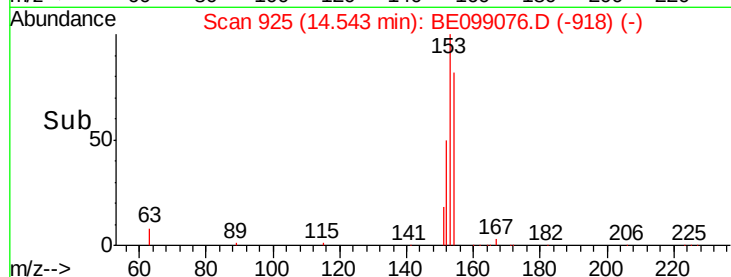
152 57.2 45.8 68.8



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: 0.225 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

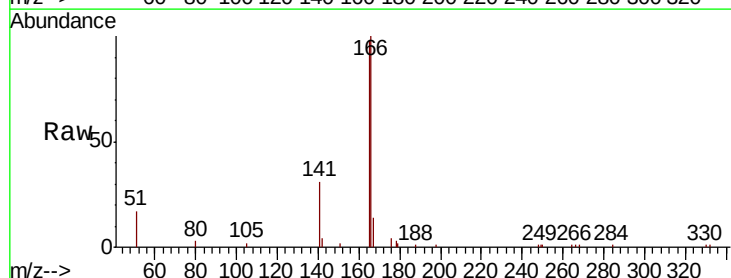
Tgt Ion:166 Resp: 7763

Ion Ratio Lower Upper

166 100

165 99.6 79.4 119.2

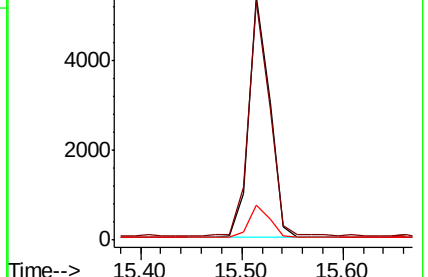
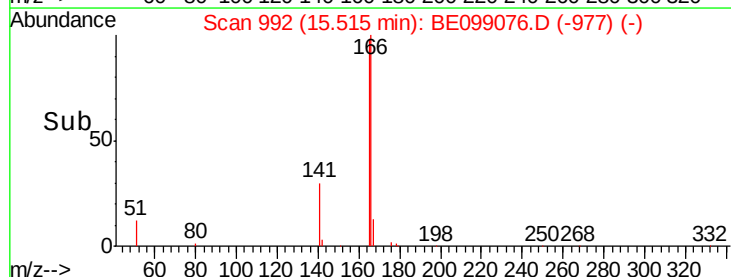
167 13.3 10.8 16.2

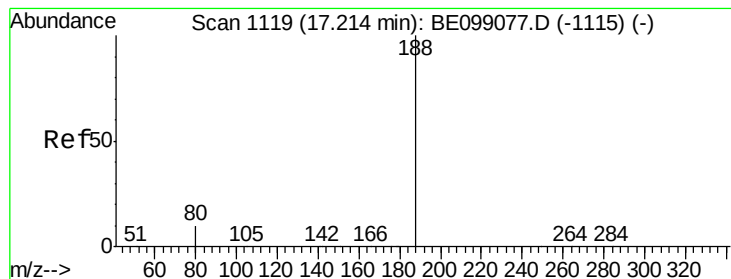


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

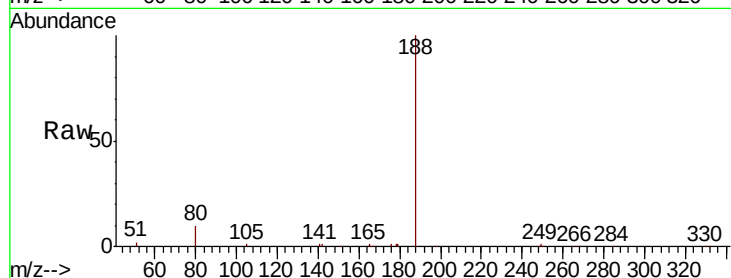
Tot Ion:188 Resp: 23568

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

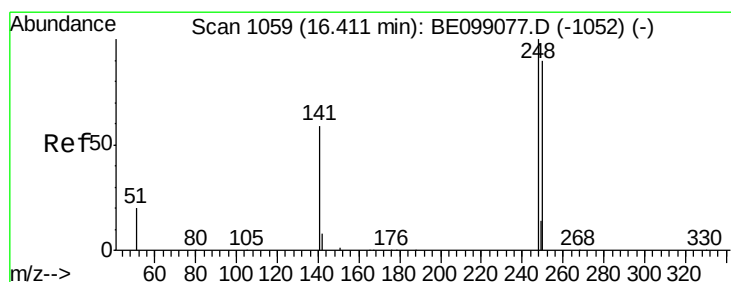
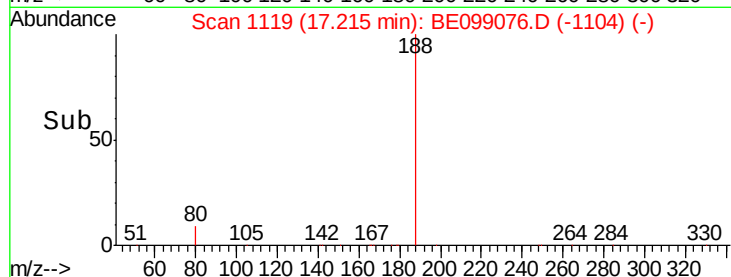
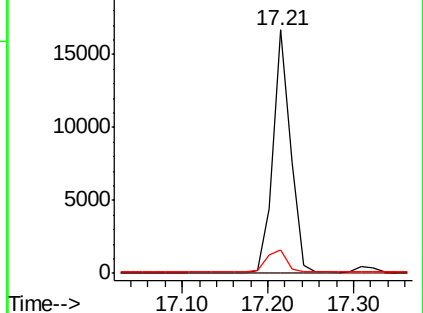
80 9.5 8.1 12.1



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: 0.219 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

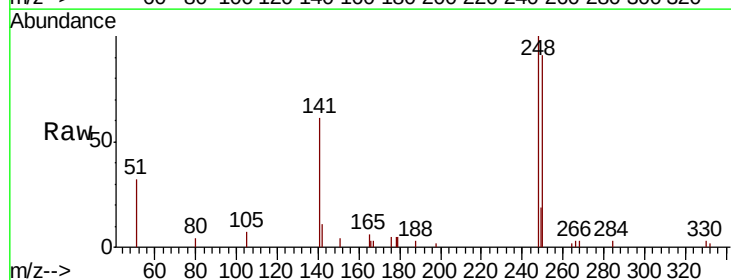
Tgt Ion:248 Resp: 2797

Ion Ratio Lower Upper

248 100

250 90.6 72.0 108.0

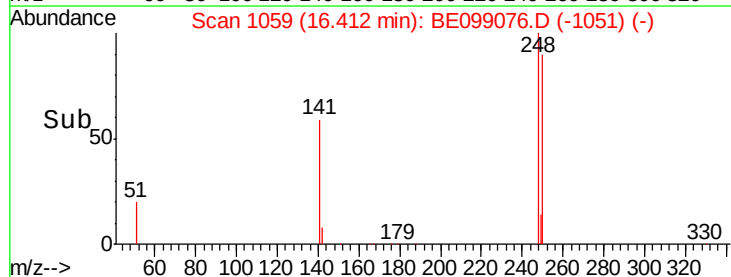
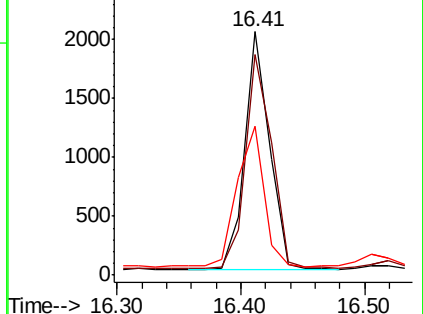
141 61.1 47.8 71.8

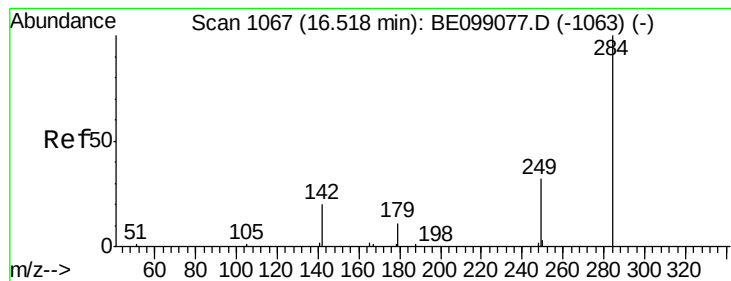


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.170 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampled :

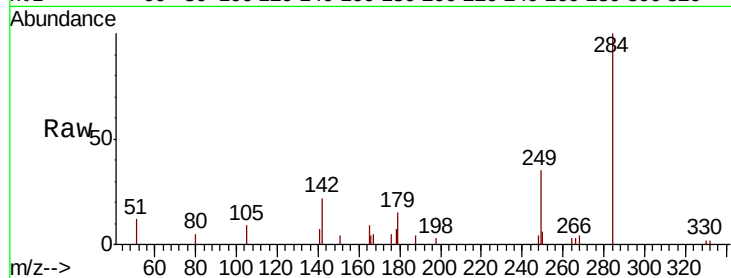
Tot Ion:284 Resp: 2585

Ion Ratio Lower Upper

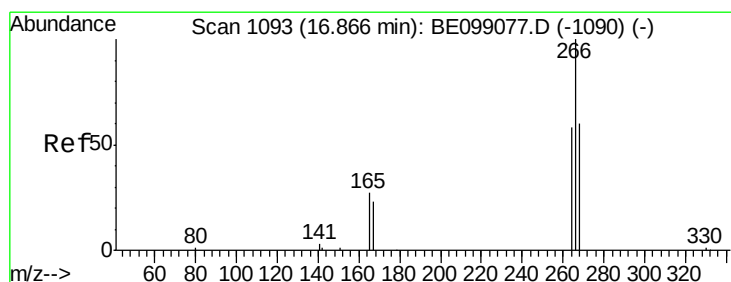
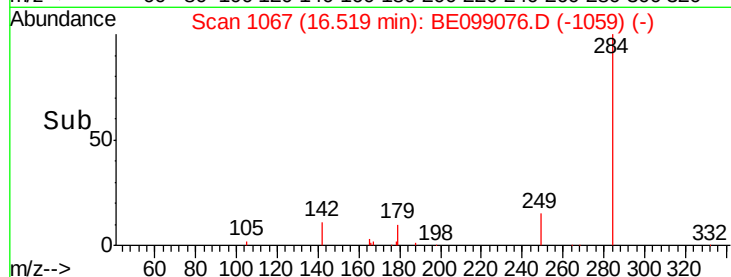
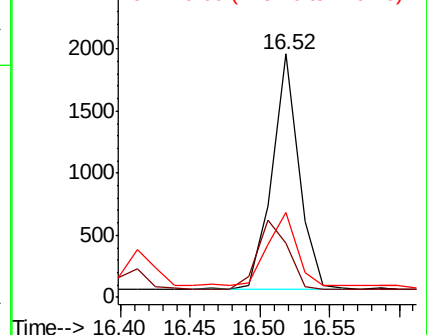
284 100

142 33.0 28.5 42.7

249 33.2 28.2 42.4



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: 0.201 ng

RT: 16.87 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

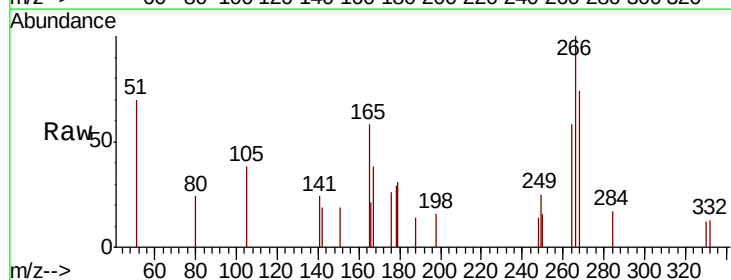
Tgt Ion:266 Resp: 620

Ion Ratio Lower Upper

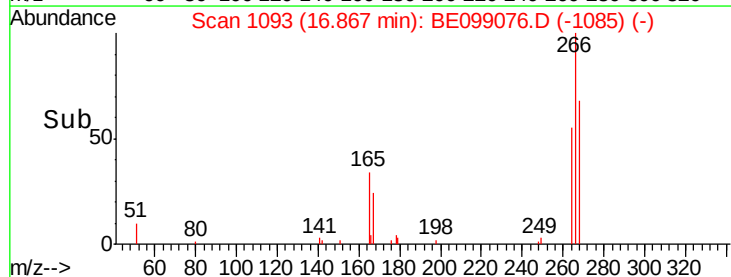
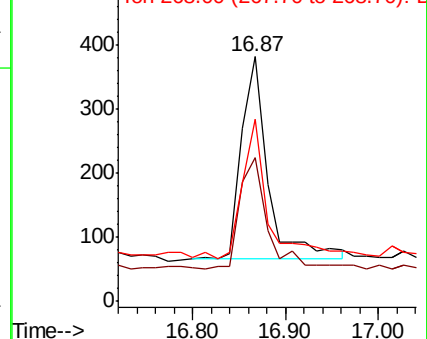
266 100

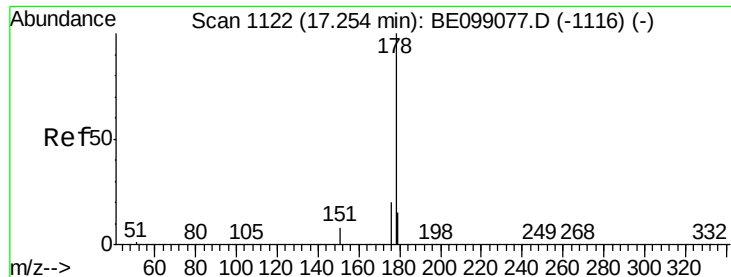
264 58.4 47.4 71.0

268 74.3 50.7 76.1



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: 0.226 ng

RT: 17.25 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampled :

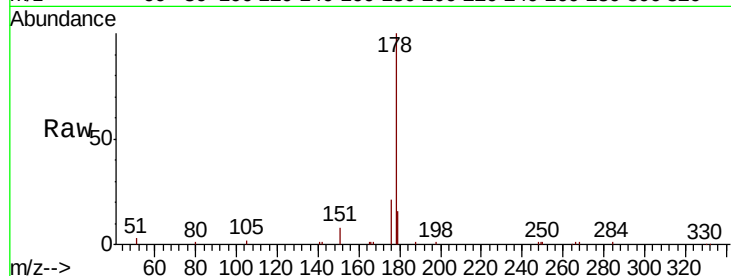
Tot Ion:178 Resp: 15125

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

179 16.1 12.1 18.1

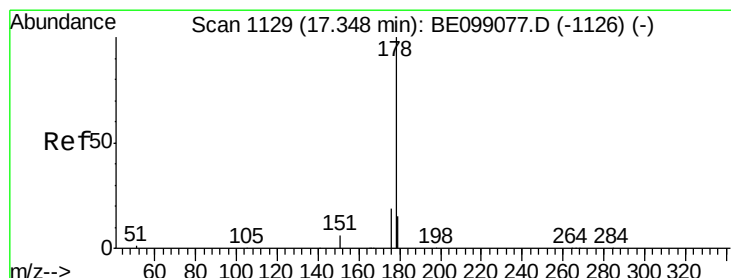
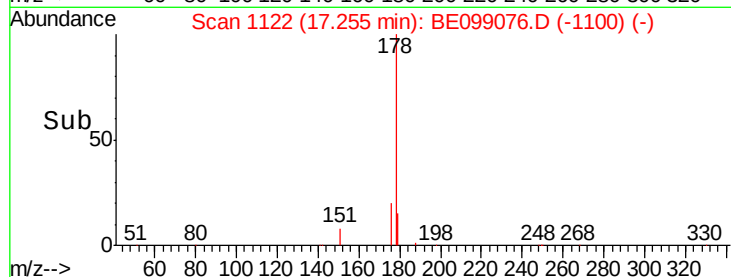
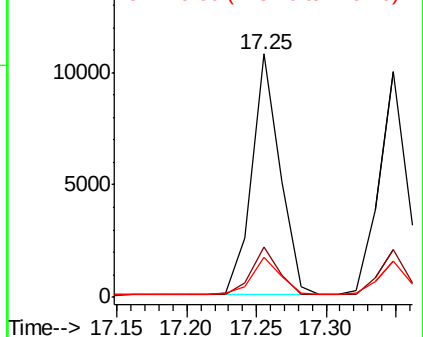


Abundance

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: 0.242 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

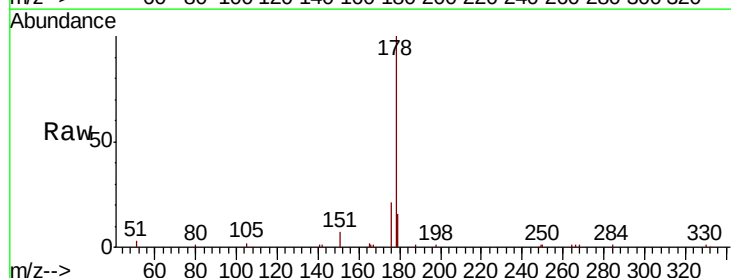
Tgt Ion:178 Resp: 13864

Ion Ratio Lower Upper

178 100

176 19.9 15.0 22.6

179 15.5 12.4 18.6

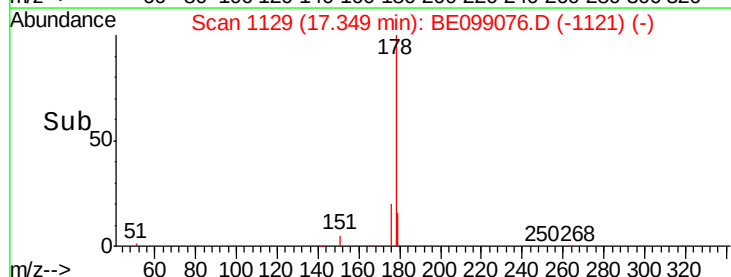
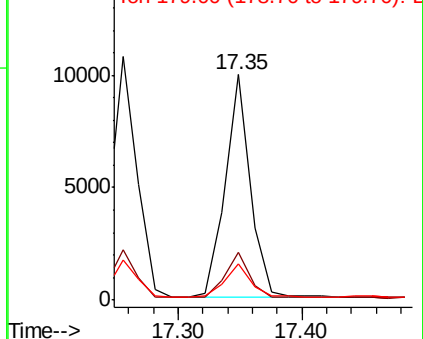


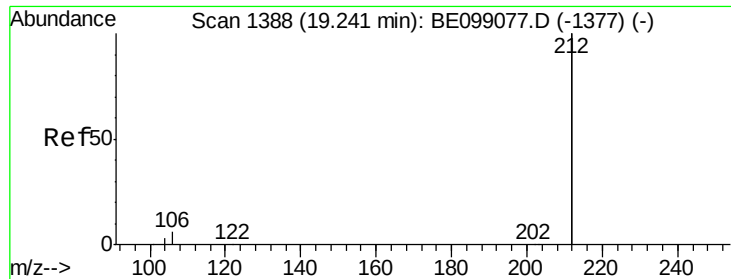
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

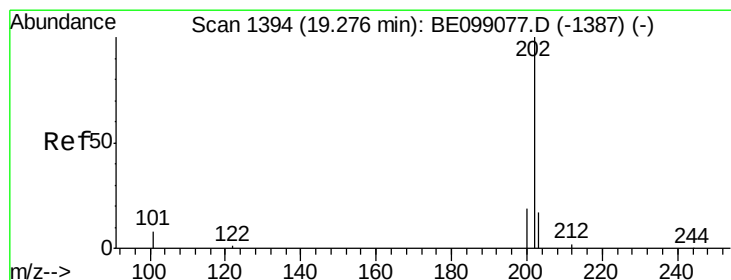
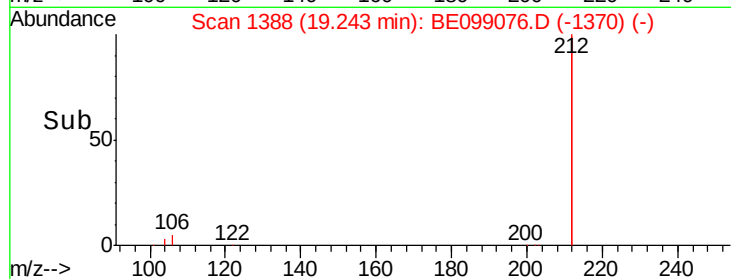
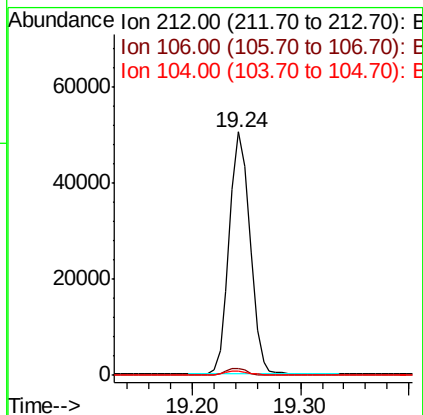
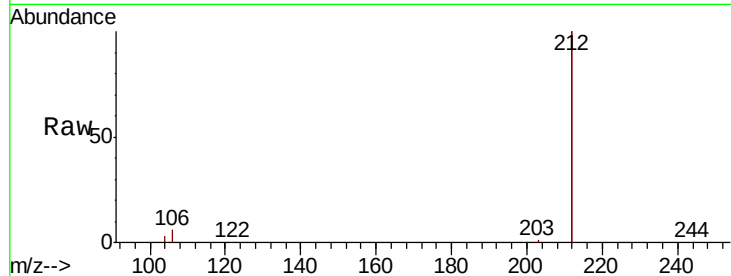




#25
Fluoranthene-d10
Concen: 0.178 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

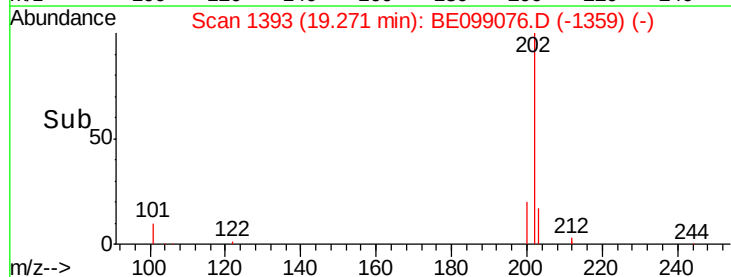
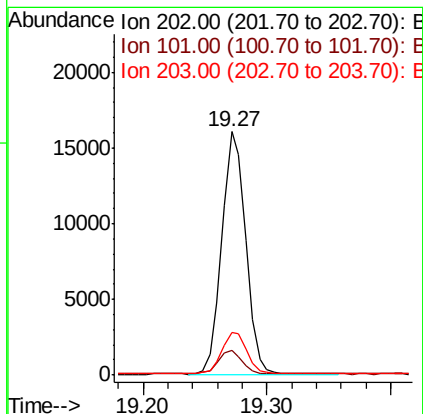
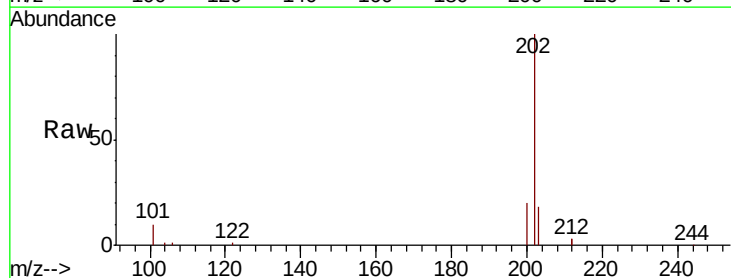
Instrument :
BNA_E
ClientSampleId :

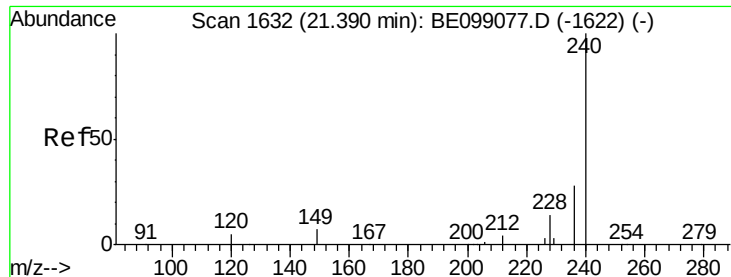
Tot Ion:212 Resp: 67095
Ion Ratio Lower Upper
212 100
106 2.8 2.2 3.4
104 1.7 1.3 1.9



#26
Fluoranthene
Concen: 0.226 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:202 Resp: 21355
Ion Ratio Lower Upper
202 100
101 9.6 7.5 11.3
203 17.4 13.7 20.5

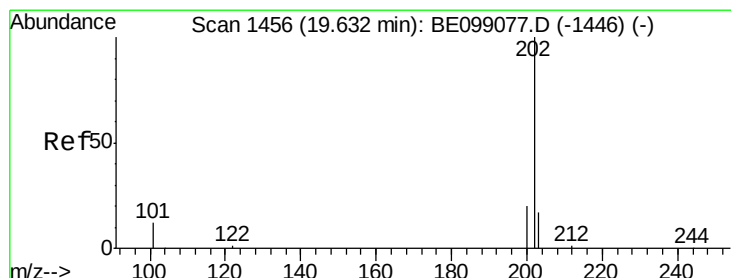
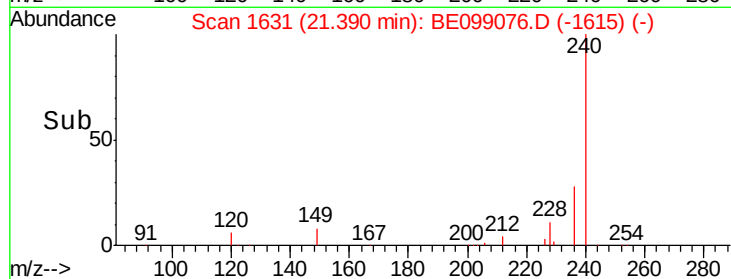
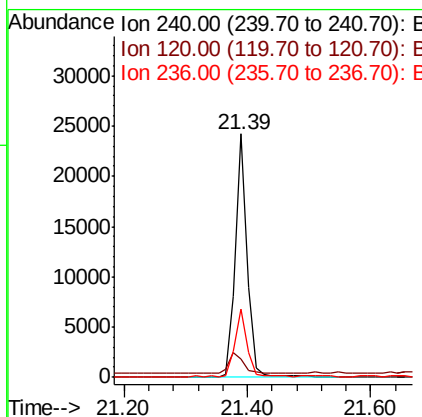
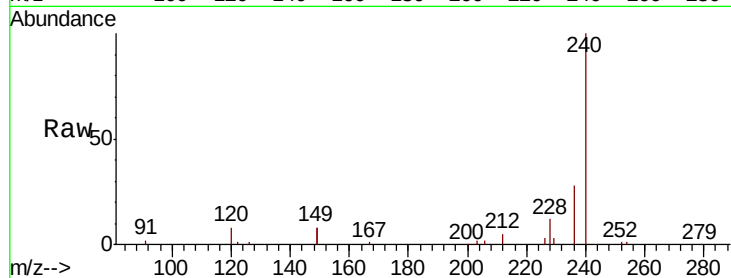




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

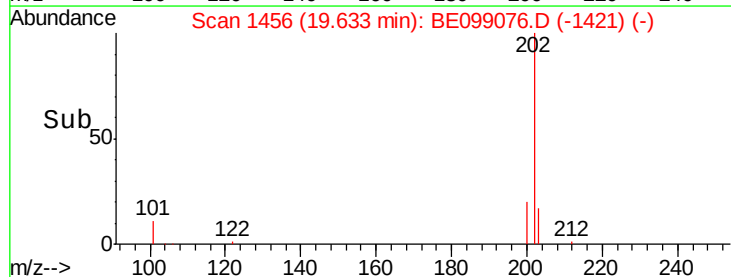
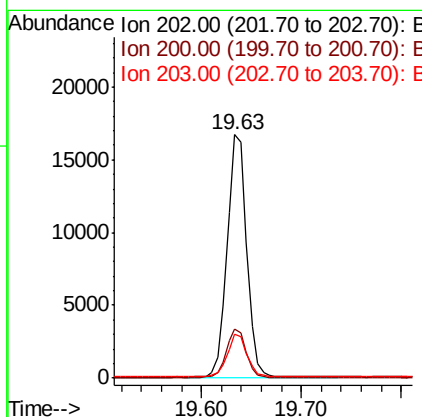
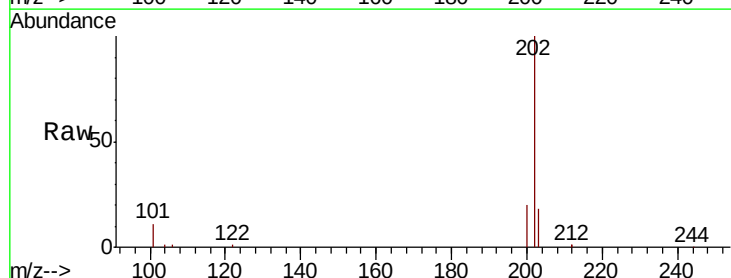
Instrument :
BNA_E
ClientSampleId :

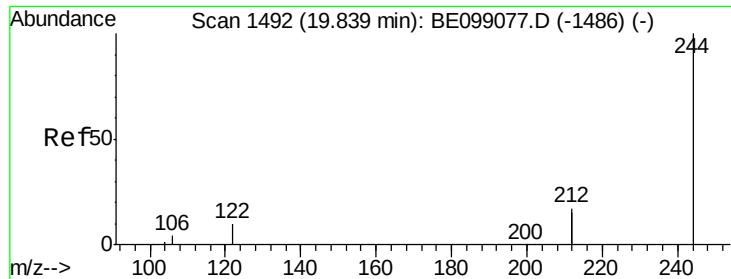
Tot Ion:240 Resp: 31222
Ion Ratio Lower Upper
240 100
120 7.7 5.0 7.6#
236 28.1 22.2 33.4



#28
Pyrene
Concen: 0.236 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:202 Resp: 22533
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 17.3 14.0 21.0





#29

Terphenyl-d14

Concen: 0.181 ng

RT: 19.85 min Scan# 1493

Delta R.T. 0.01 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampled :

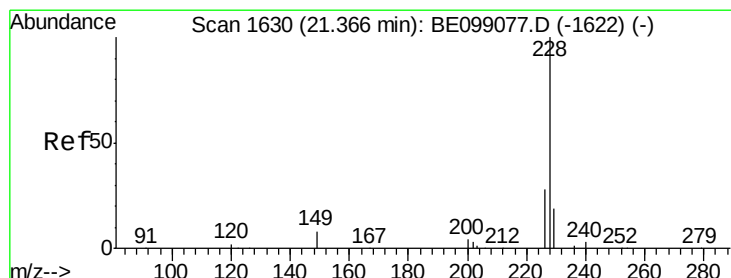
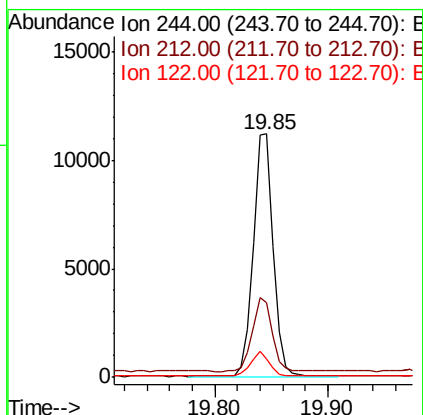
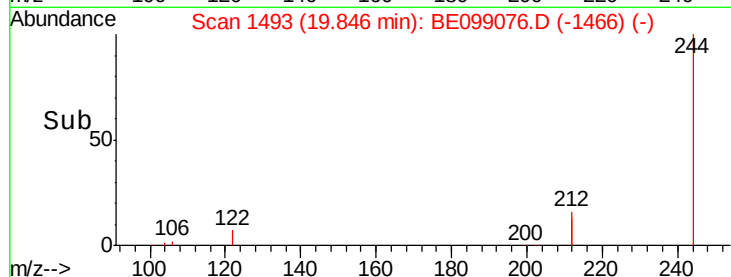
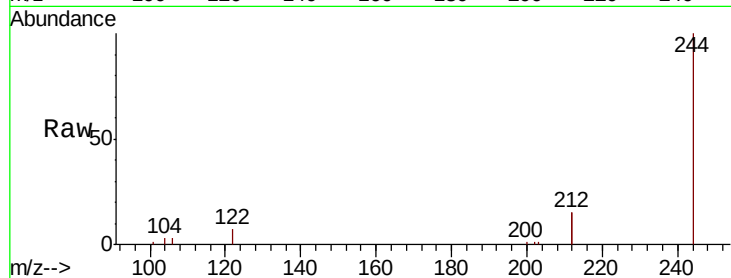
Tot Ion:244 Resp: 13754

Ion Ratio Lower Upper

244 100

212 30.9 26.9 40.3

122 7.4 7.8 11.8#



#30

Benzo(a)anthracene

Concen: 0.241 ng

RT: 21.38 min Scan# 1630

Delta R.T. 0.01 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

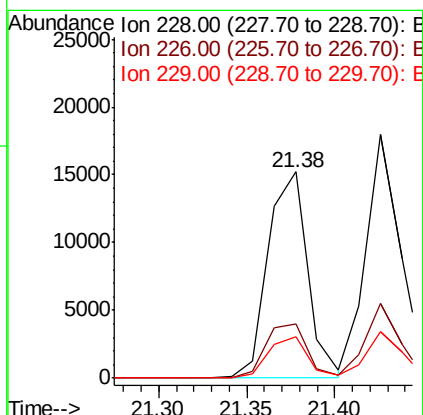
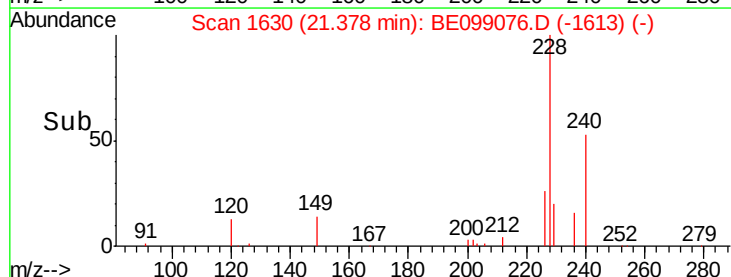
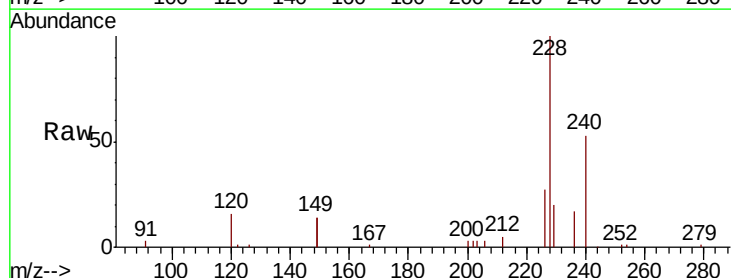
Tgt Ion:228 Resp: 23486

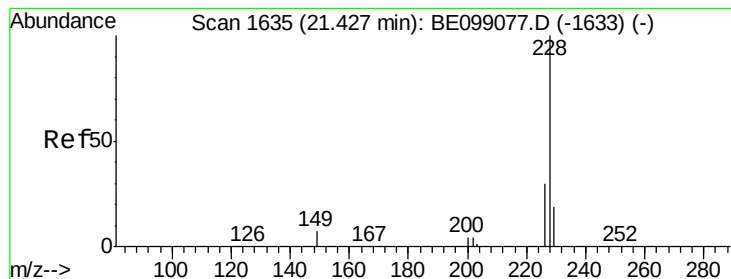
Ion Ratio Lower Upper

228 100

226 26.6 22.4 33.6

229 20.1 15.6 23.4

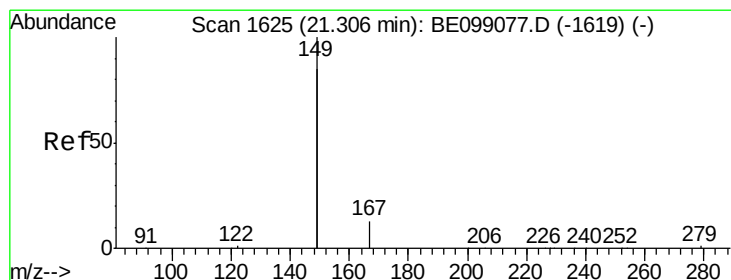
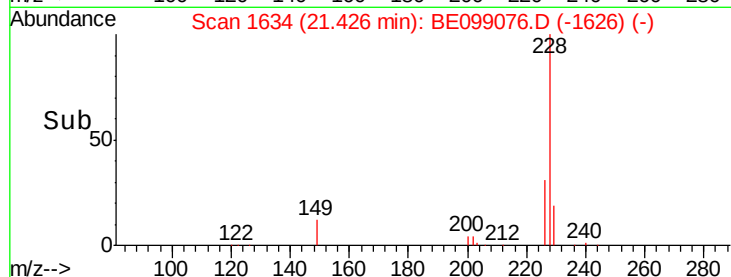
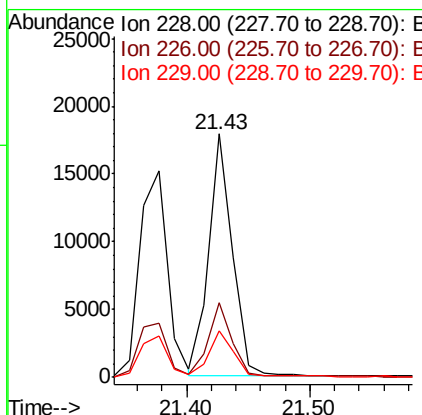
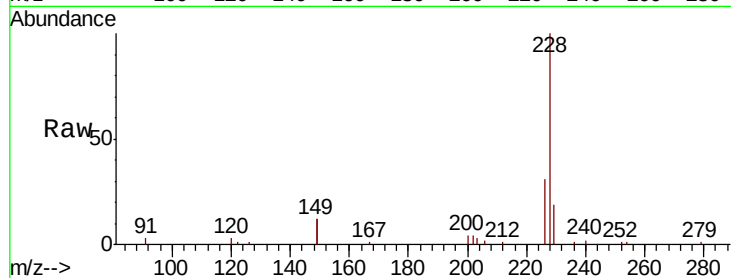




#31
 Chrvsene
 Concen: 0.229 ng
 RT: 21.43 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BE099076.D
 Acq: 22 Mar 2019 11:26

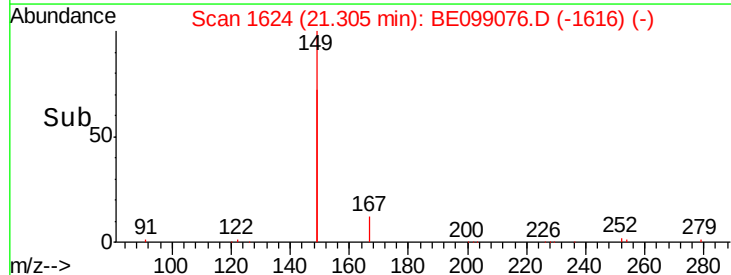
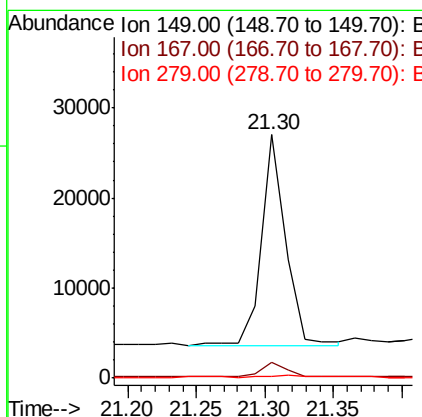
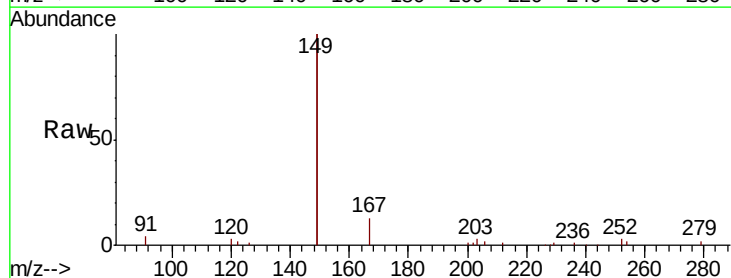
Instrument :
 BNA_E
 ClientSampleId :

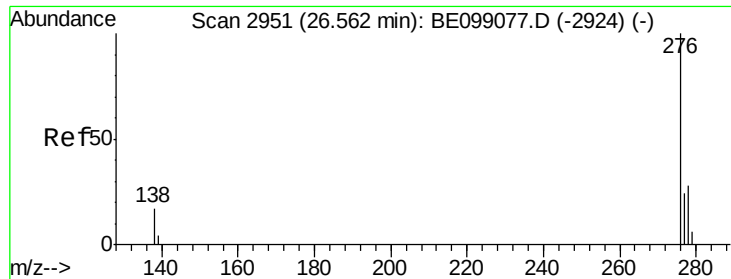
Tot Ion:228 Resp: 23893
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.3 36.5
 229 19.1 15.5 23.3



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.139 ng
 RT: 21.30 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BE099076.D
 Acq: 22 Mar 2019 11:26

Tgt Ion:149 Resp: 28767
 Ion Ratio Lower Upper
 149 100
 167 7.2 5.7 8.5
 279 1.4 0.8 1.2#

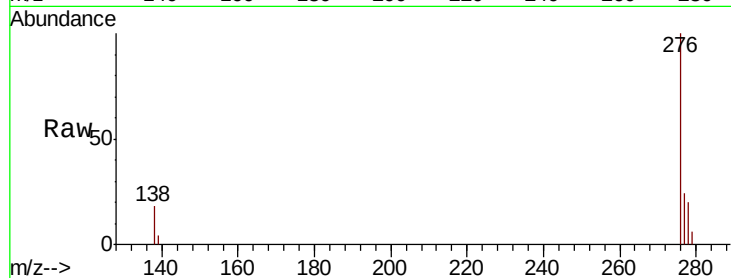




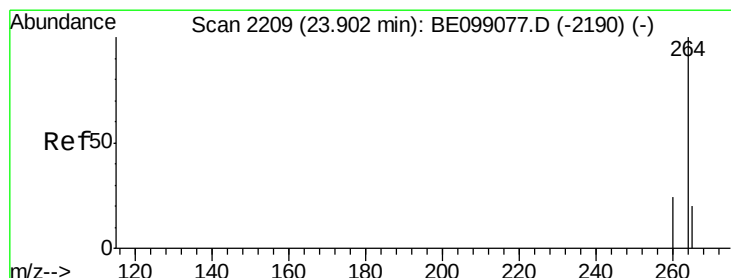
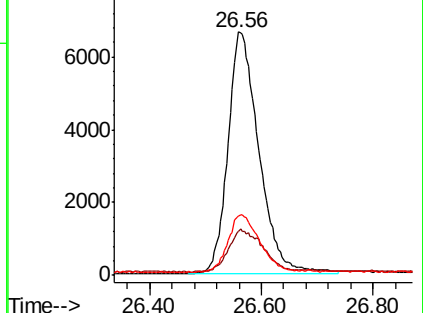
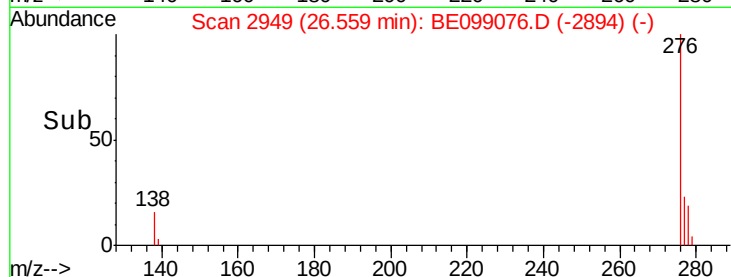
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.231 ng
RT: 26.56 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 25454
Ion Ratio Lower Upper
276 100
138 19.6 15.8 23.8
277 24.8 19.4 29.2

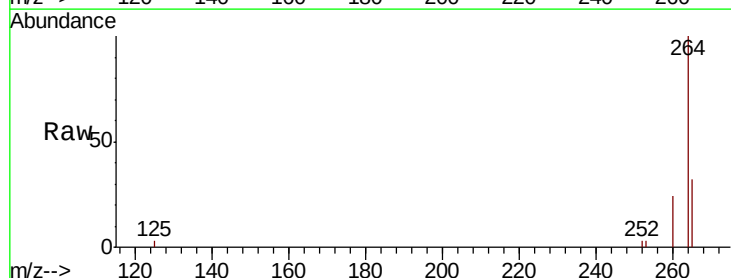


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

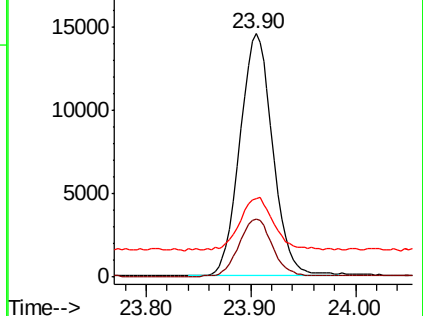
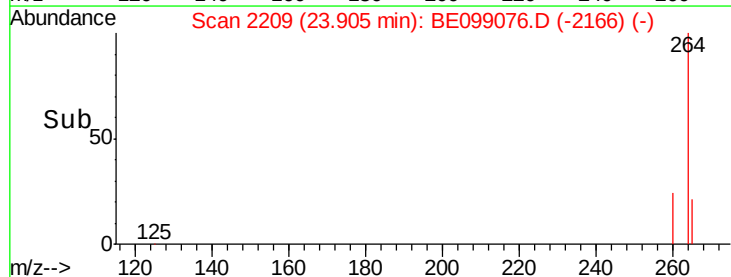


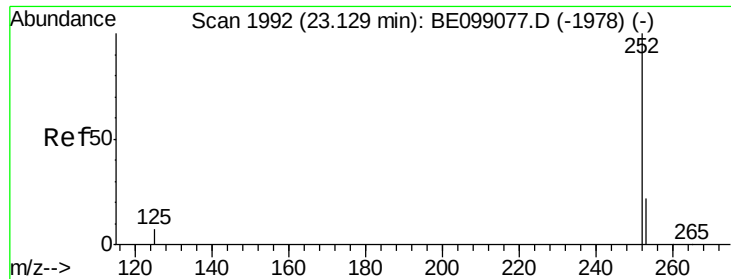
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:264 Resp: 31823
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 32.1 24.1 36.1



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: 0.223 ng

RT: 23.13 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

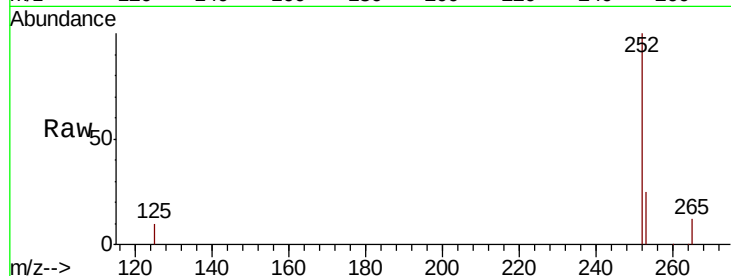
Tot Ion:252 Resp: 23352

Ion Ratio Lower Upper

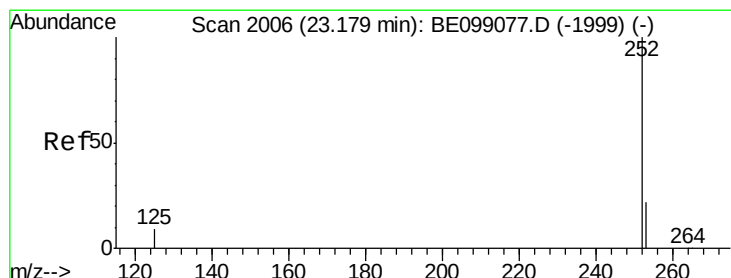
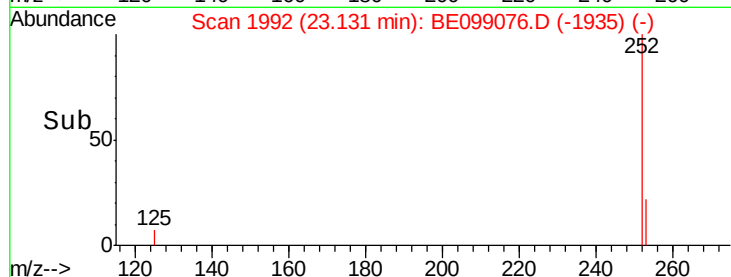
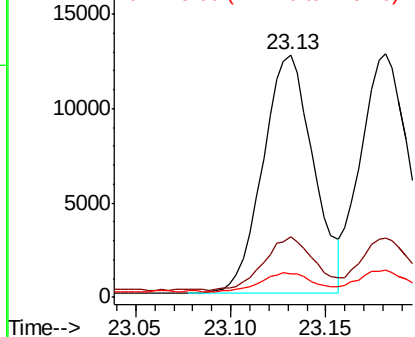
252 100

253 24.9 18.4 27.6

125 9.9 7.0 10.4



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



#36

Benzo(k)fluoranthene

Concen: 0.208 ng

RT: 23.18 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

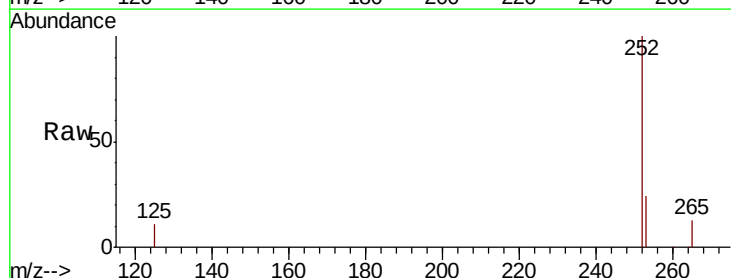
Tgt Ion:252 Resp: 22761

Ion Ratio Lower Upper

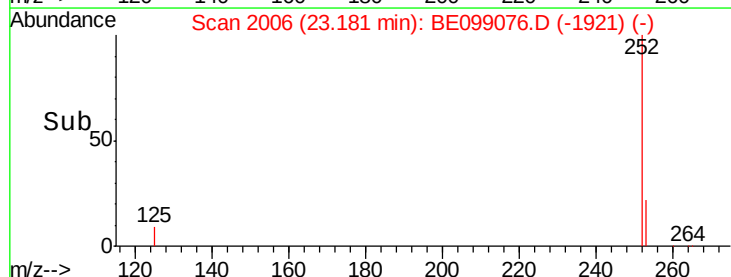
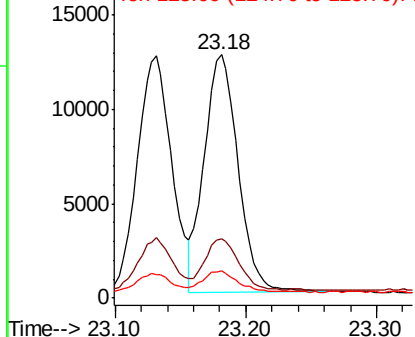
252 100

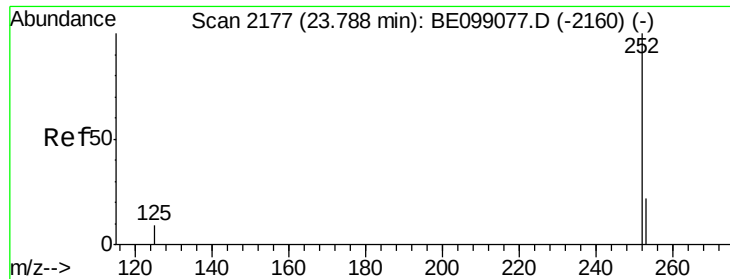
253 24.4 18.6 28.0

125 11.3 7.8 11.6



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

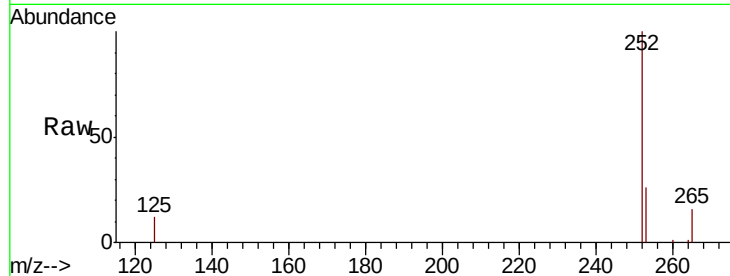




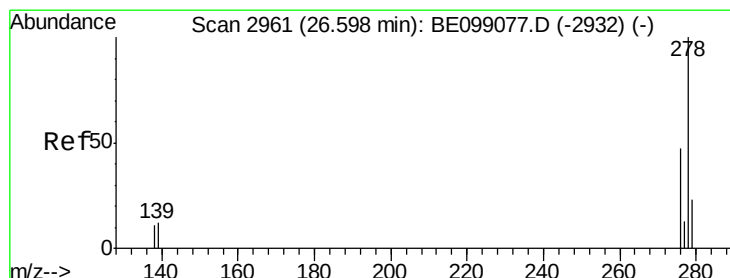
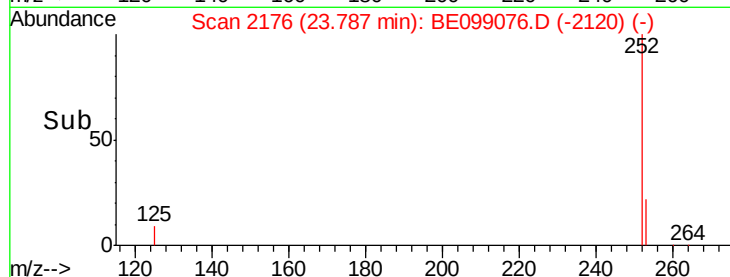
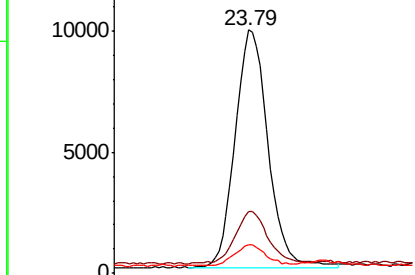
#37
Benzo(a)pyrene
Concen: 0.214 ng
RT: 23.79 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 21458
Ion Ratio Lower Upper
252 100
253 25.6 19.3 28.9
125 11.9 8.3 12.5

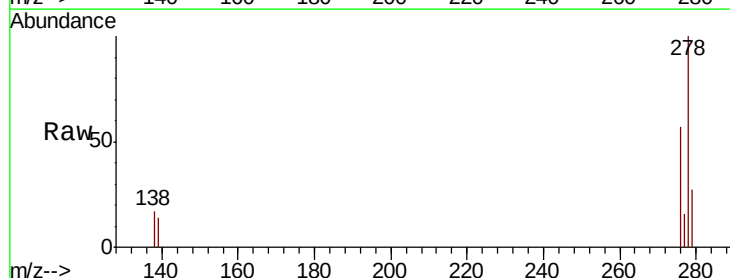


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

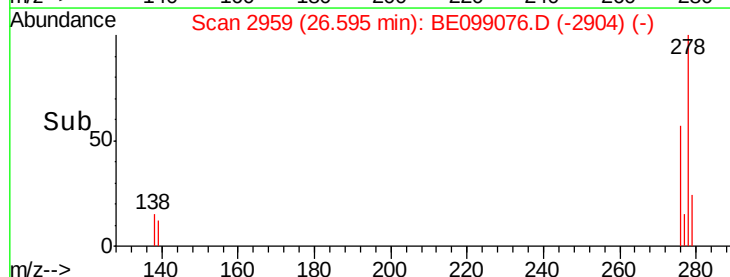
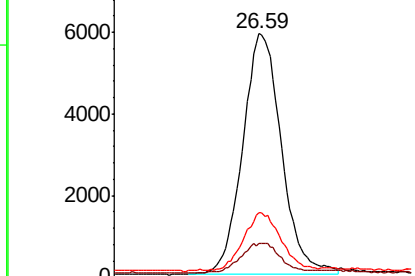


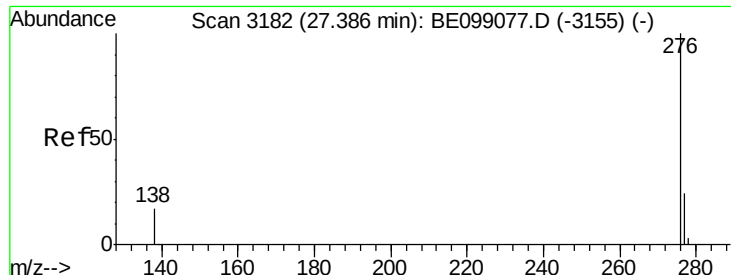
#38
Dibenzo(a,h)anthracene
Concen: 0.213 ng
RT: 26.59 min Scan# 2959
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:278 Resp: 20211
Ion Ratio Lower Upper
278 100
139 14.1 10.6 16.0
279 26.5 19.4 29.2



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(a,h,i)perylene

Concen: 0.217 ng

RT: 27.39 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

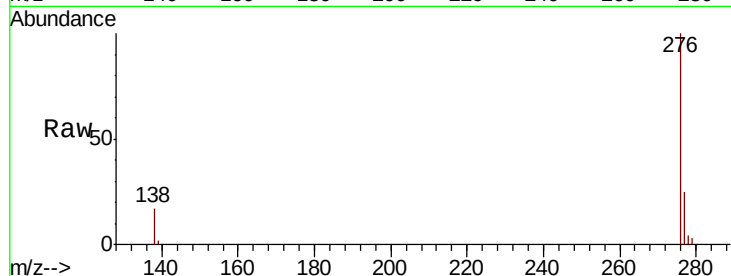
Tot Ion:276 Resp: 21520

Ion Ratio Lower Upper

276 100

277 25.2 19.4 29.2

138 17.1 14.6 21.8



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

