

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
 Data File : BE099691.D
 Acq On : 21 May 2019 16:21
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 21 18:54:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1819	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6703	0.40	ng	0.01
13) Acenaphthene-d10	14.48	164	4870	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	14311	0.40	ng	0.00
27) Chrysene-d12	21.43	240	21416	0.40	ng	0.01
34) Perylene-d12	23.96	264	25035	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1769	0.38	ng	0.00
5) Phenol-d6	6.98	99	2273	0.37	ng	0.00
8) Nitrobenzene-d5	8.98	82	2147	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4107	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1108	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	6436	0.35	ng	0.01
25) Fluoranthene-d10	19.27	212	70129	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	14275	0.37	ng	0.00

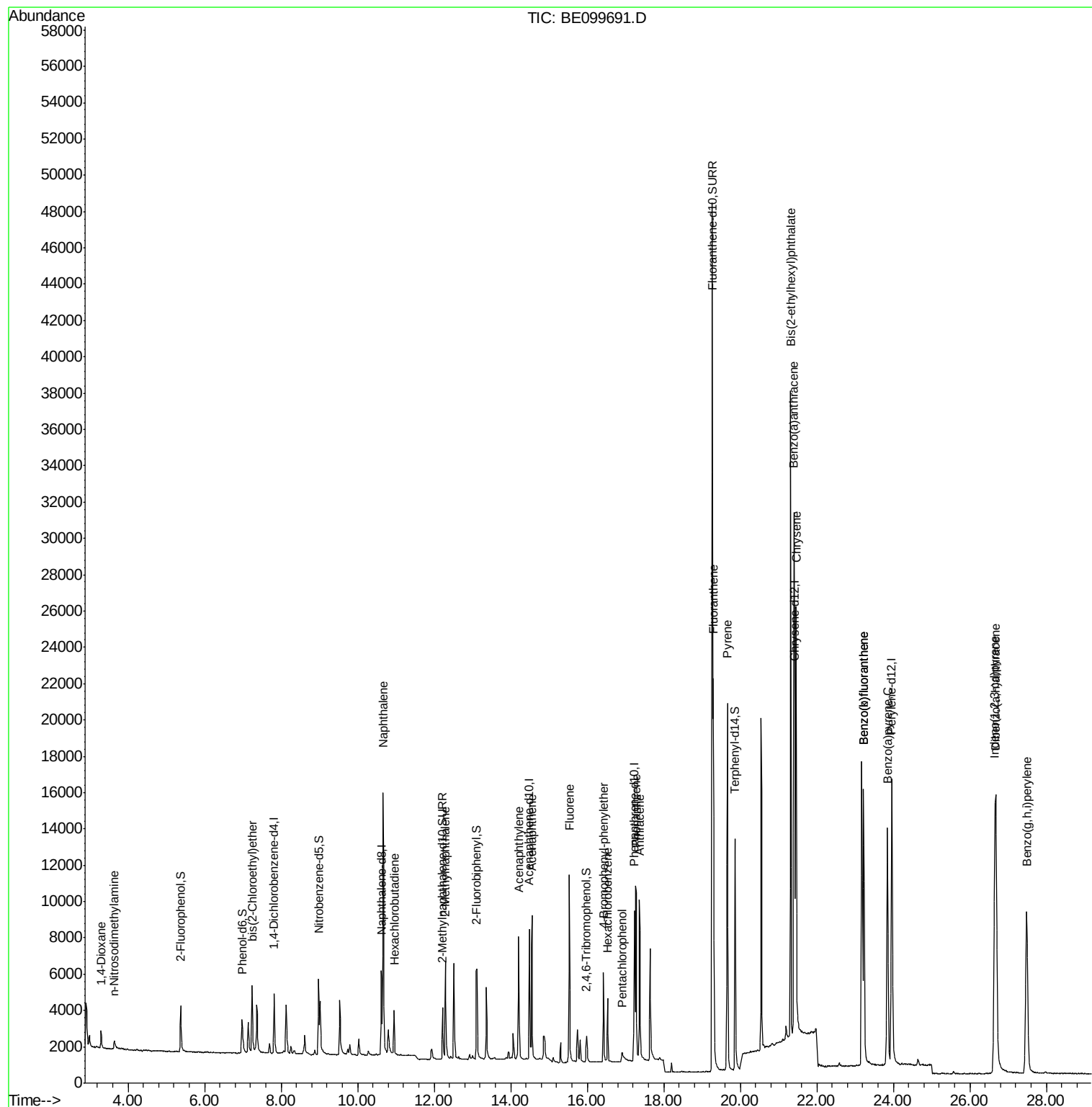
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	815	0.303	ng	# 89
3) n-Nitrosodimethylamine	3.64	42	406	0.273	ng	# 83
6) bis(2-Chloroethyl)ether	7.24	93	1915	0.354	ng	93
9) Naphthalene	10.67	128	25044	0.349	ng	100
10) Hexachlorobutadiene	10.95	225	1834	0.347	ng	99
12) 2-Methylnaphthalene	12.29	142	4262	0.365	ng	97
16) Acenaphthylene	14.21	152	8289	0.365	ng	98
17) Acenaphthene	14.56	154	4608	0.362	ng	100
18) Fluorene	15.53	166	6634	0.354	ng	100
20) 4-Bromophenyl-phenylether	16.42	248	2877	0.349	ng	97
21) Hexachlorobenzene	16.53	284	3121	0.370	ng	100
22) Pentachlorophenol	16.91	266	818	0.492	ng	97
23) Phenanthrene	17.28	178	12836	0.367	ng	99
24) Anthracene	17.36	178	11329	0.357	ng	99
26) Fluoranthene	19.30	202	19857	0.359	ng	99
28) Pyrene	19.66	202	20881	0.388	ng	100
30) Benzo(a)anthracene	21.40	228	24790	0.407	ng	100
31) Chrysene	21.46	228	26042	0.400	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	35885	0.512	ng	99
33) Indeno(1,2,3-cd)pyrene	26.66	276	30326	0.386	ng	99
35) Benzo(b)fluoranthene	23.23	252	24767	0.361	ng	99
36) Benzo(k)fluoranthene	23.23	252	25309	0.354	ng	99
37) Benzo(a)pyrene	23.85	252	23760	0.360	ng	# 99
38) Dibenzo(a,h)anthracene	26.68	278	24627	0.355	ng	98
39) Benzo(g,h,i)perylene	27.49	276	24737	0.353	ng	99

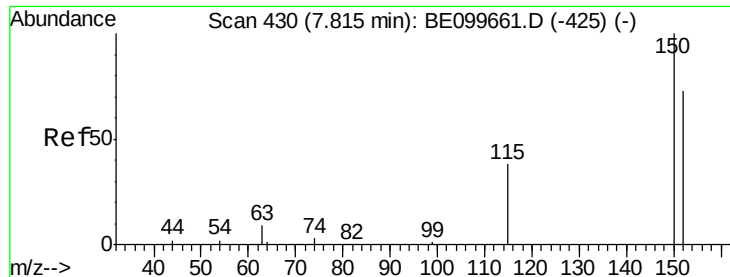
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

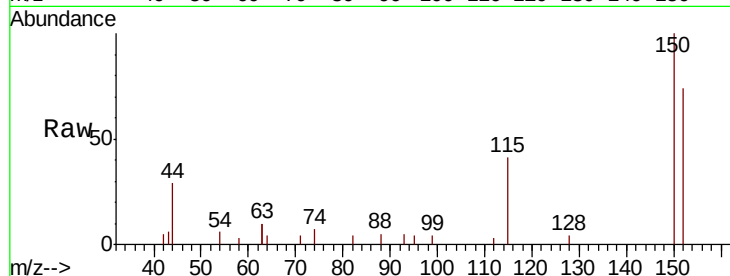
Tot Ion:152 Resp: 1819

Ion Ratio Lower Upper

152 100

150 134.6 109.2 163.8

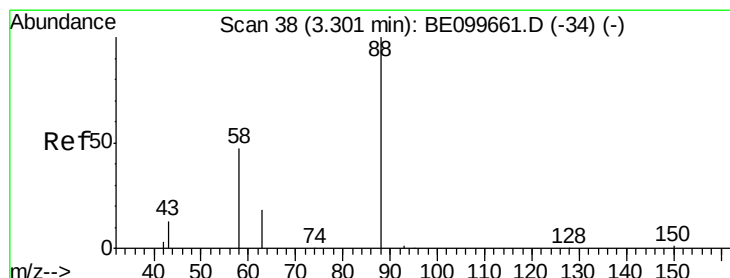
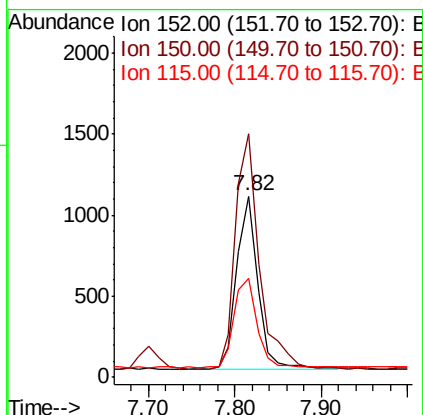
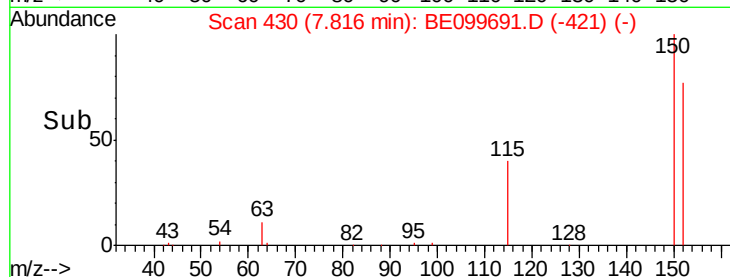
115 55.0 43.7 65.5



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: 0.303 ng

RT: 3.29 min Scan# 37

Delta R.T. -0.01 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

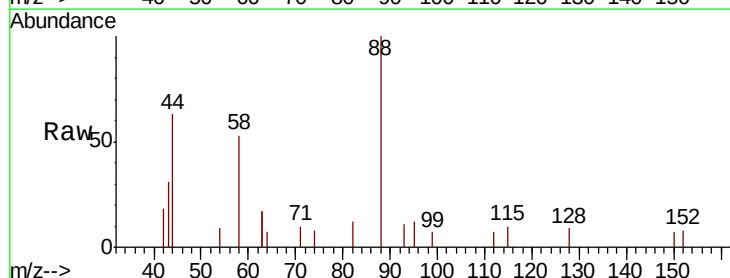
Tgt Ion: 88 Resp: 815

Ion Ratio Lower Upper

88 100

58 60.1 41.8 62.8

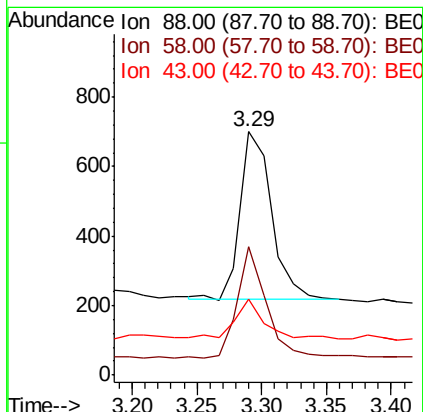
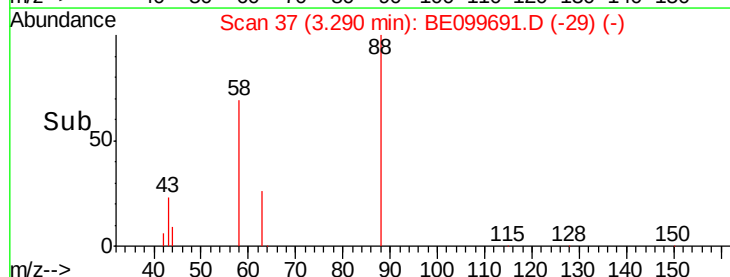
43 23.3 15.0 22.4#

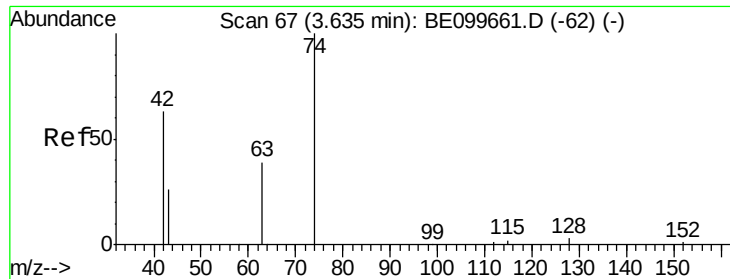


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.273 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.00 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

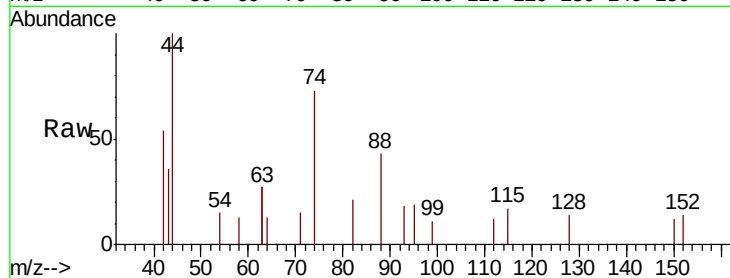
Tot Ion: 42 Resp: 406

Ion Ratio Lower Upper

42 100

74 184.5 129.2 193.8

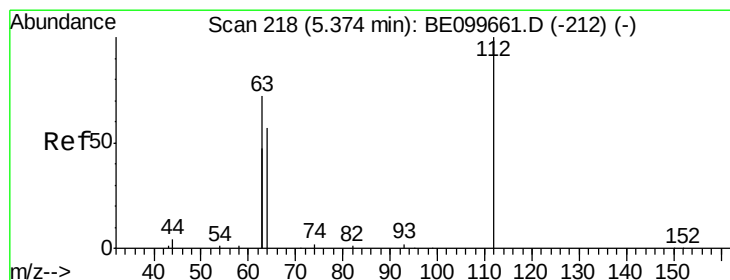
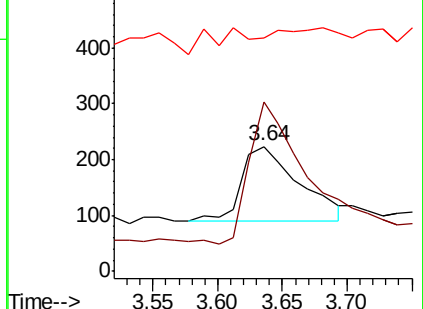
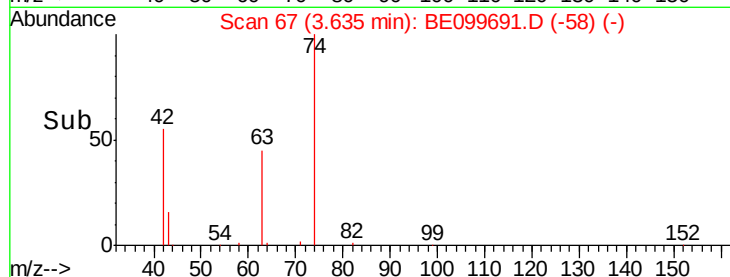
44 0.0 0.0 0.0



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: 0.385 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

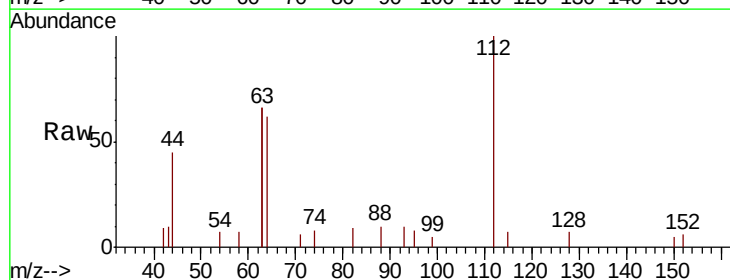
Tgt Ion: 112 Resp: 1769

Ion Ratio Lower Upper

112 100

64 54.8 43.4 65.2

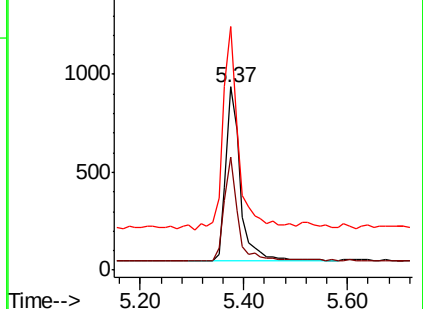
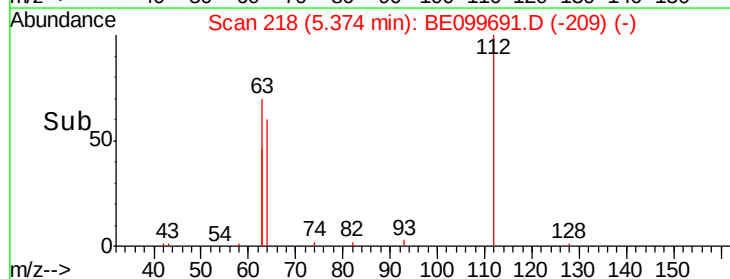
63 121.0 96.9 145.3

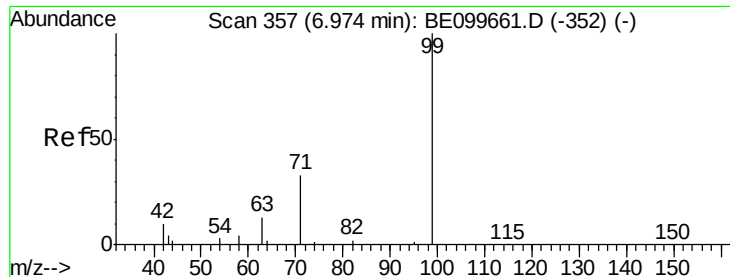


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.374 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

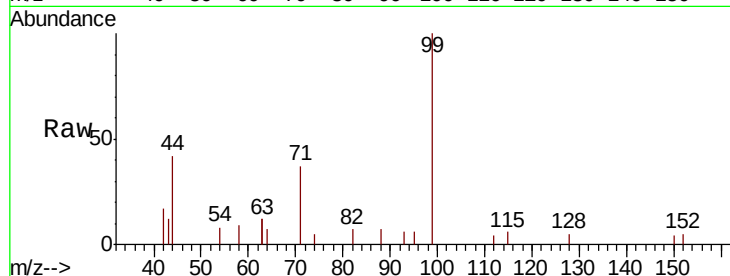
Tot Ion: 99 Resp: 2273

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

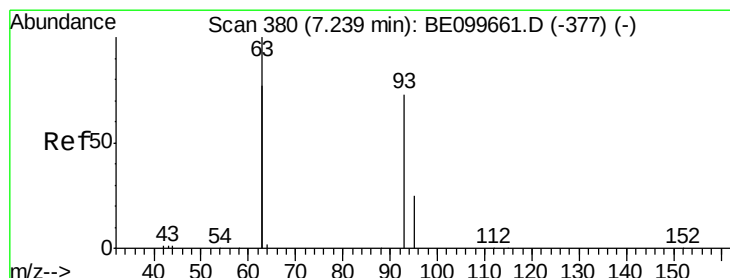
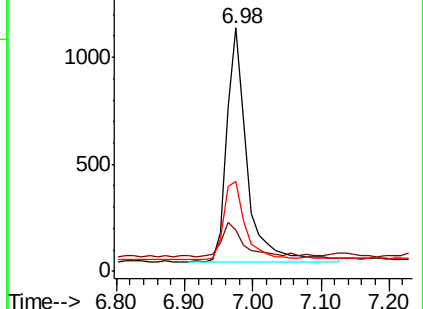
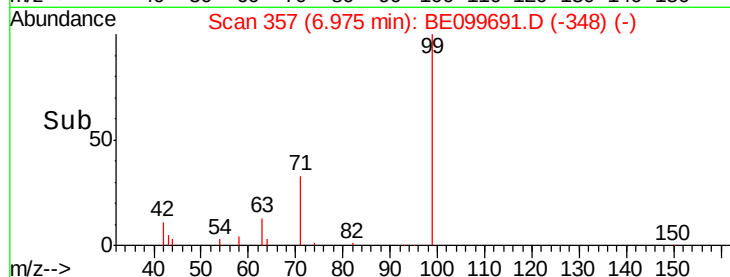
71 37.8 28.9 43.3



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: 0.354 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

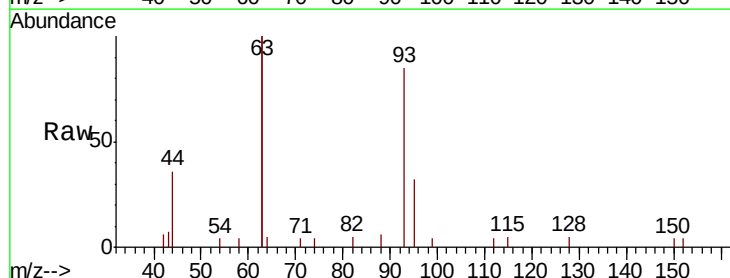
Tgt Ion: 93 Resp: 1915

Ion Ratio Lower Upper

93 100

63 245.9 207.8 311.6

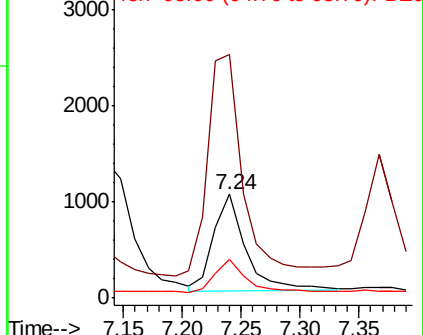
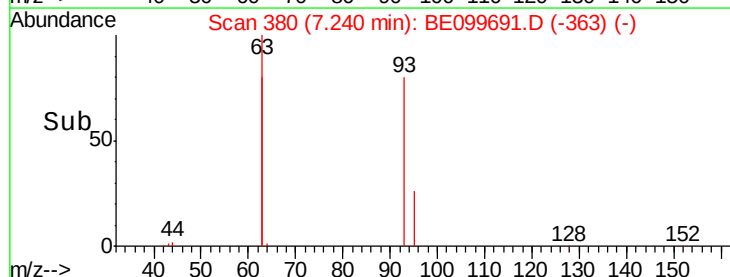
95 32.0 25.9 38.9

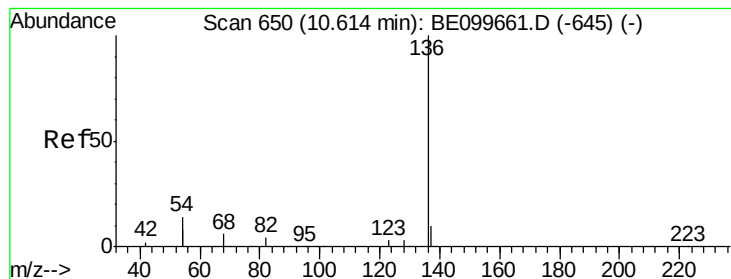


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 6703

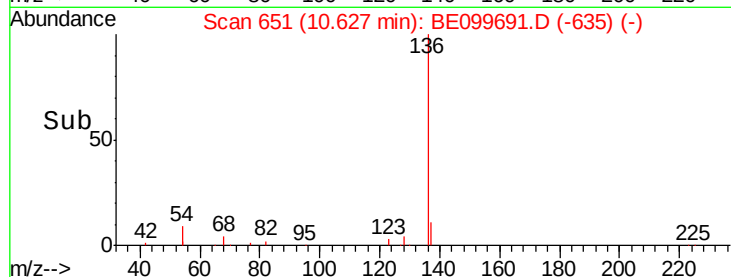
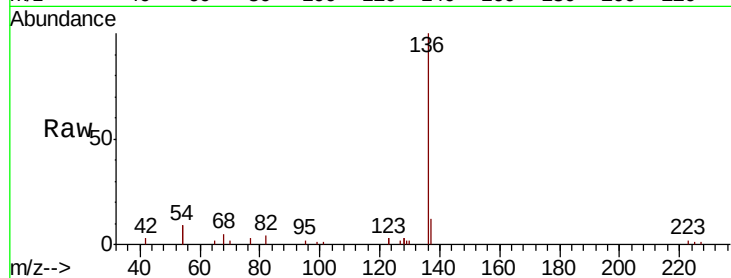
Ion Ratio Lower Upper

136 100

137 11.9 9.0 13.6

54 17.8 22.3 33.5#

68 5.1 6.0 9.0#

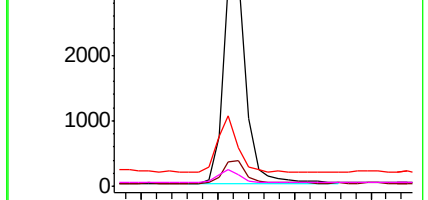


Abundance Ion 136.00 (135.70 to 136.70): E

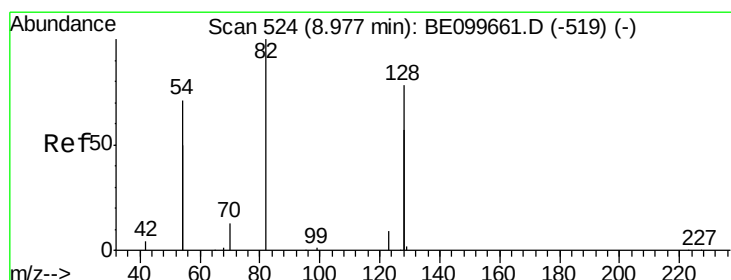
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.370 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

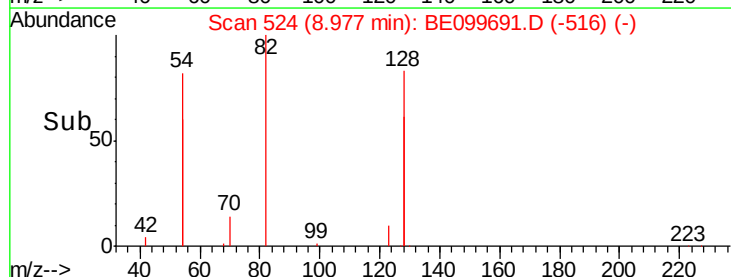
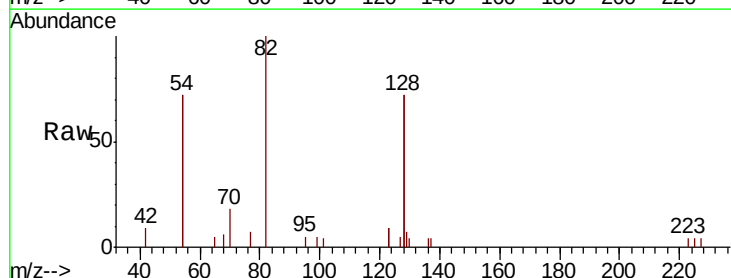
Tgt Ion: 82 Resp: 2147

Ion Ratio Lower Upper

82 100

128 144.7 117.7 176.5

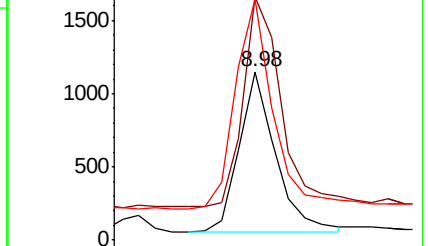
54 143.7 106.6 160.0



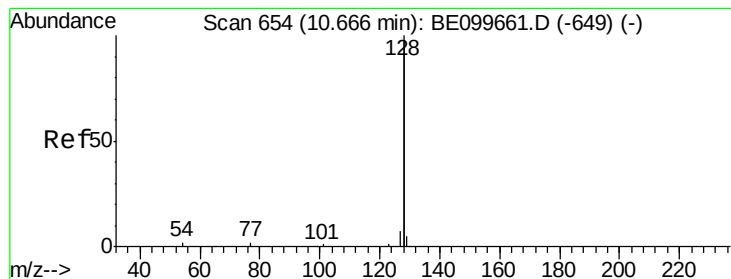
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.349 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

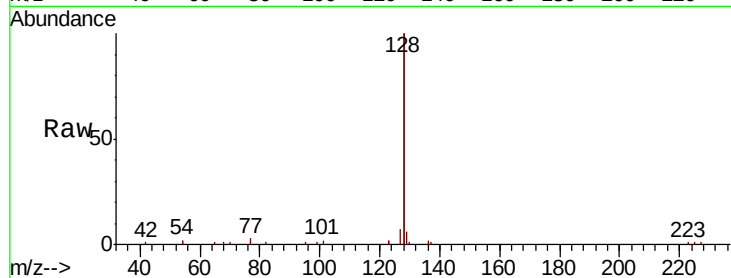
Tot Ion:128 Resp: 25044

Ion Ratio Lower Upper

128 100

129 3.1 2.4 3.6

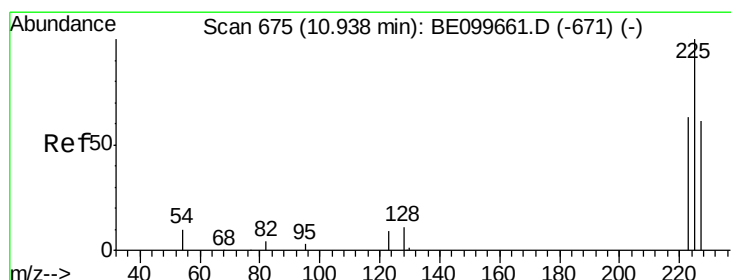
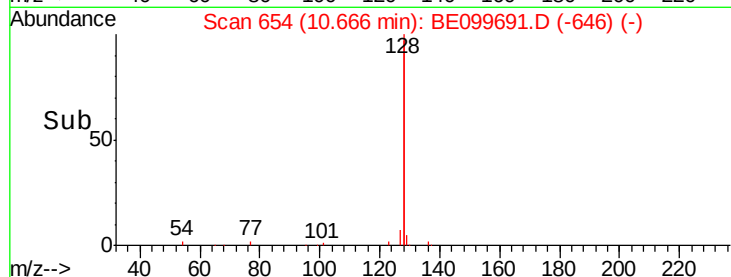
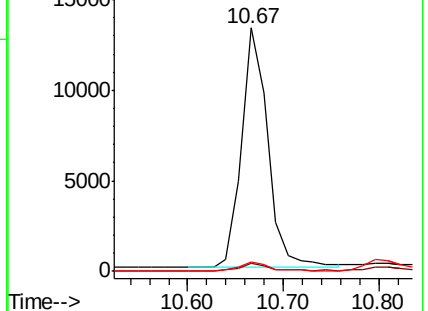
127 3.7 2.9 4.3



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: 0.347 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.01 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

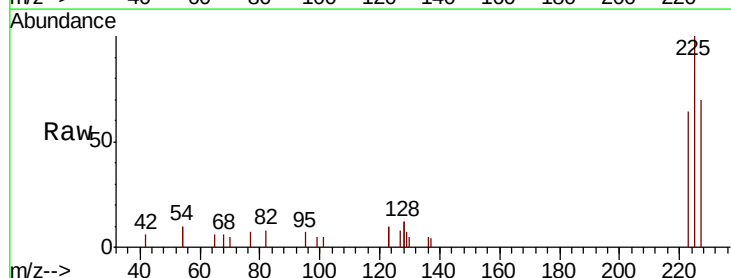
Tgt Ion:225 Resp: 1834

Ion Ratio Lower Upper

225 100

223 63.2 51.8 77.6

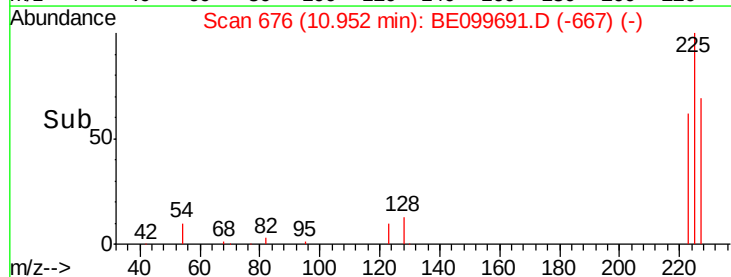
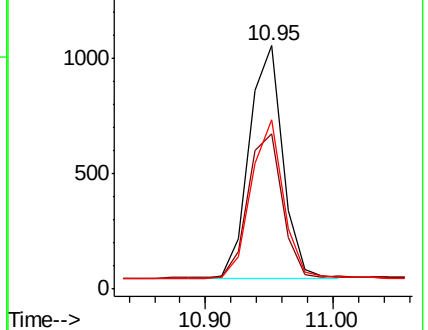
227 65.6 52.6 79.0

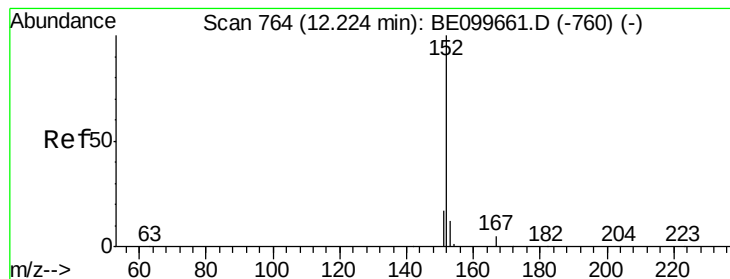


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.355 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

Instrument :

BNA_E

ClientSampleId :

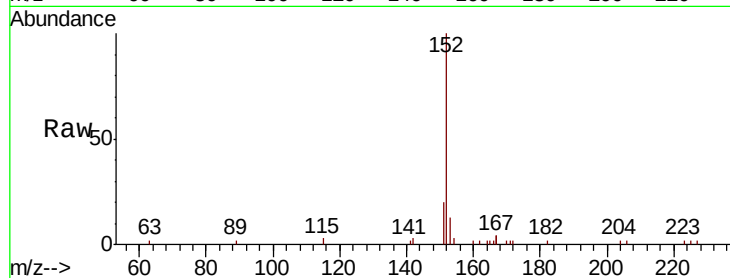
SSTDCCC0.4EC

Tot Ion:152 Resp: 4107

Ion Ratio Lower Upper

152 100

151 19.8 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

2500

2000

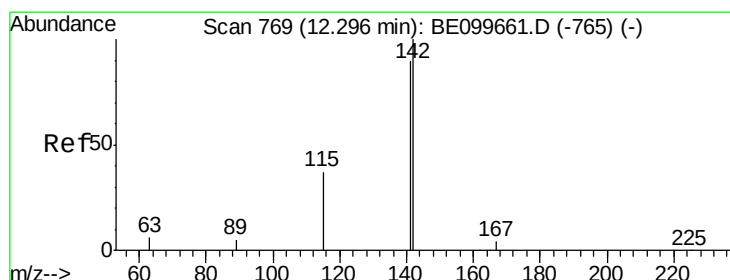
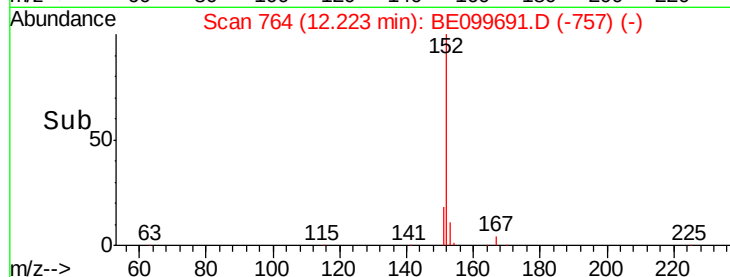
1500

1000

500

0

Time--> 12.10 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.365 ng

RT: 12.29 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

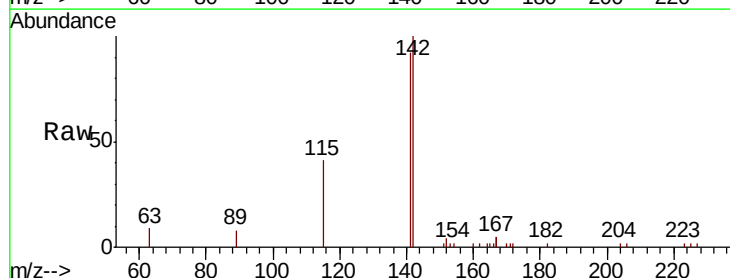
Tgt Ion:142 Resp: 4262

Ion Ratio Lower Upper

142 100

141 92.2 72.0 108.0

115 40.9 31.0 46.4



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

12.29

3000

2500

2000

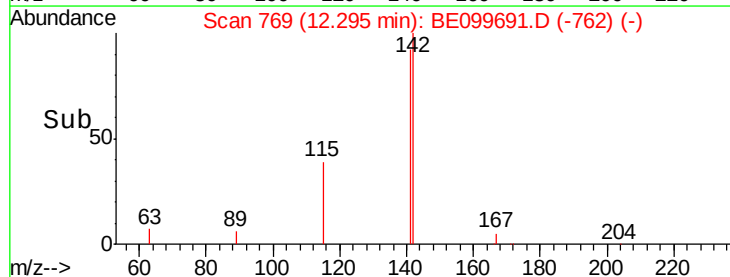
1500

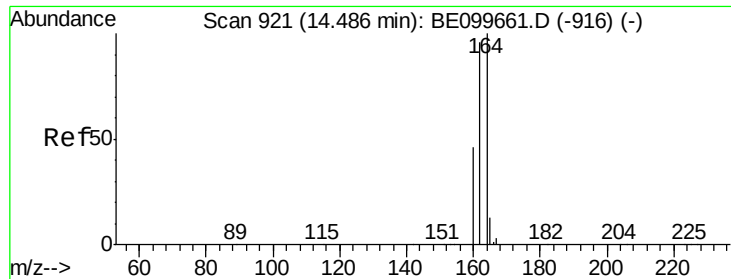
1000

500

0

Time--> 12.20 12.30 12.40

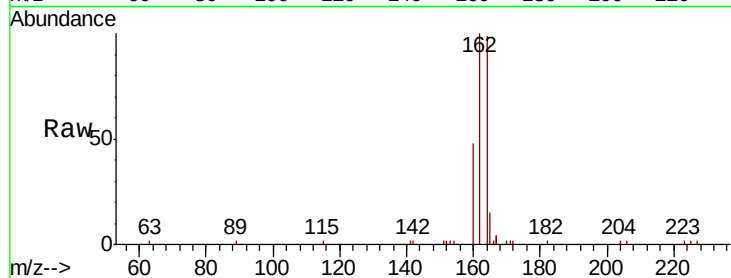




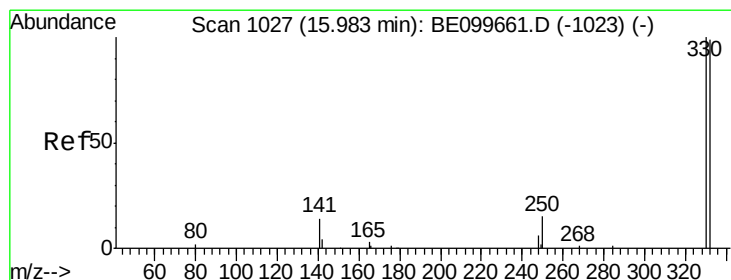
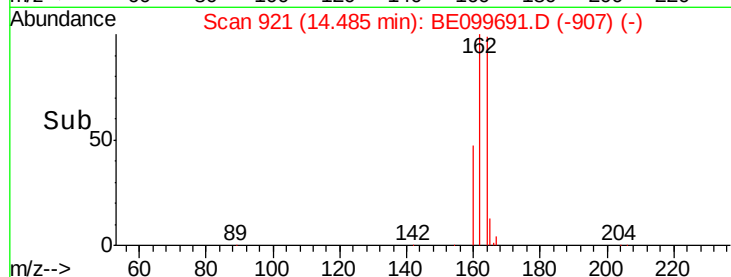
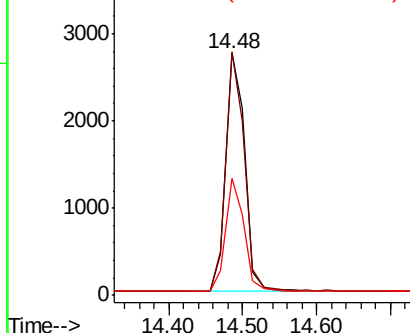
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.48 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BE099691.D
 Acq: 21 May 2019 16:21

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:164 Resp: 4870
 Ion Ratio Lower Upper
 164 100
 162 100.6 76.5 114.7
 160 48.2 37.4 56.2

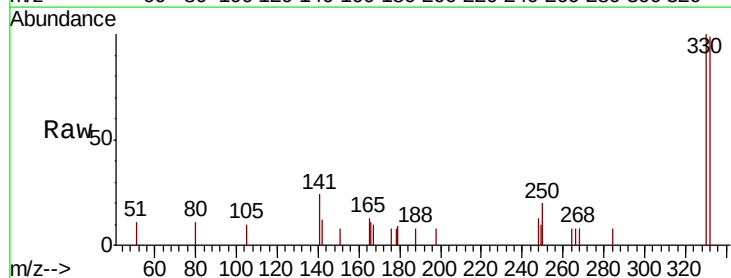


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

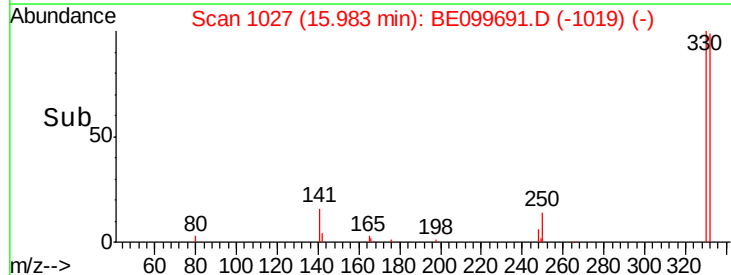
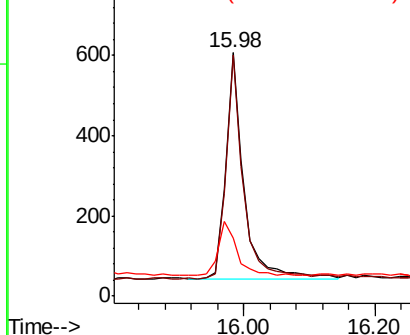


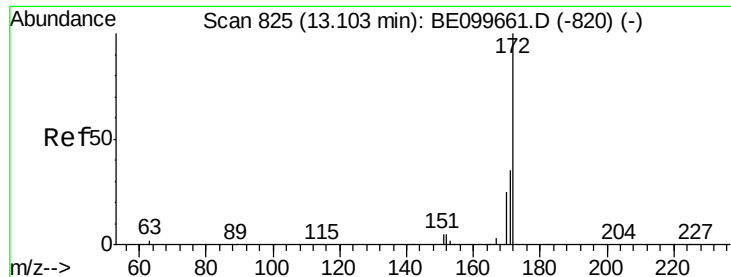
#14
 2,4,6-Tribromophenol
 Concen: 0.429 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099691.D
 Acq: 21 May 2019 16:21

Tgt Ion:330 Resp: 1108
 Ion Ratio Lower Upper
 330 100
 332 93.8 77.3 115.9
 141 24.5 18.9 28.3



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: 0.348 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.01 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

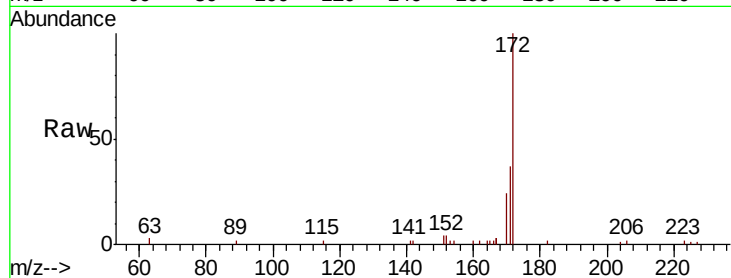
Tot Ion:172 Resp: 6436

Ion Ratio Lower Upper

172 100

171 36.7 28.7 43.1

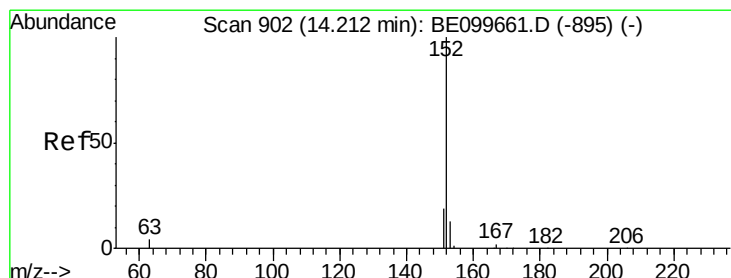
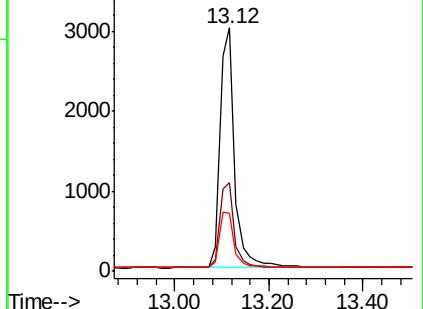
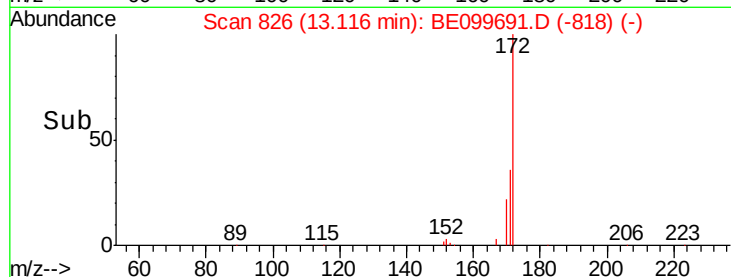
170 23.6 20.9 31.3



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: 0.365 ng

RT: 14.21 min Scan# 902

Delta R.T. -0.00 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

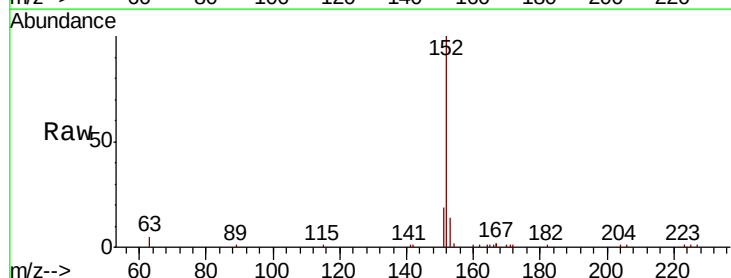
Tgt Ion:152 Resp: 8289

Ion Ratio Lower Upper

152 100

151 18.9 15.9 23.9

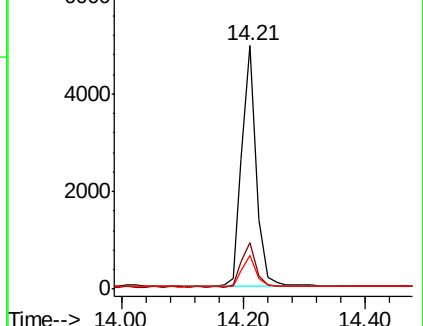
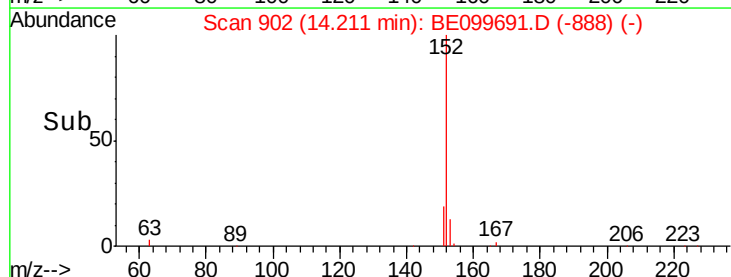
153 12.9 10.6 16.0

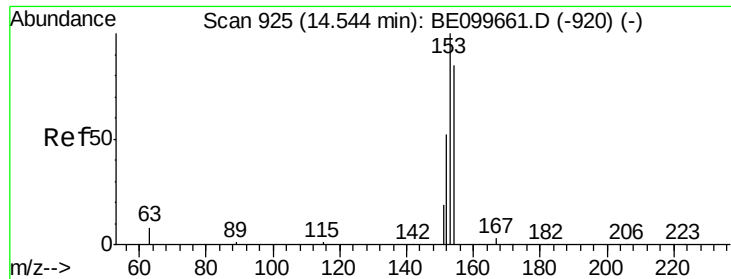


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.362 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.01 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

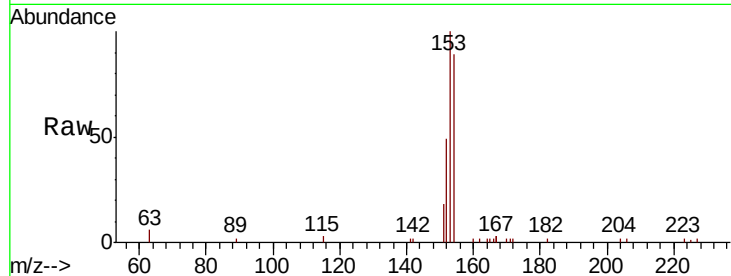
Tot Ion:154 Resp: 4608

Ion Ratio Lower Upper

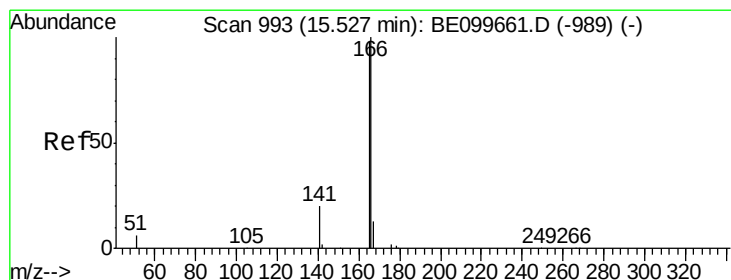
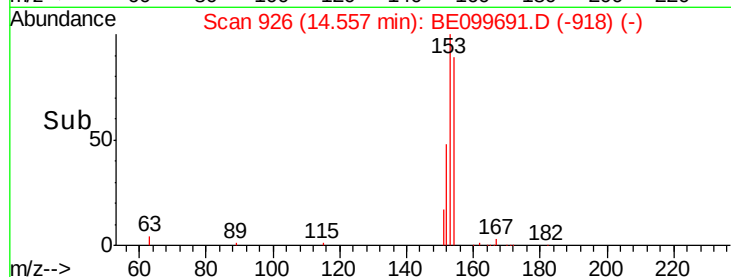
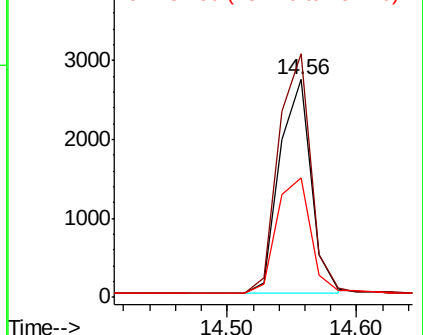
154 100

153 114.8 91.8 137.6

152 57.6 46.0 69.0



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: 0.354 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

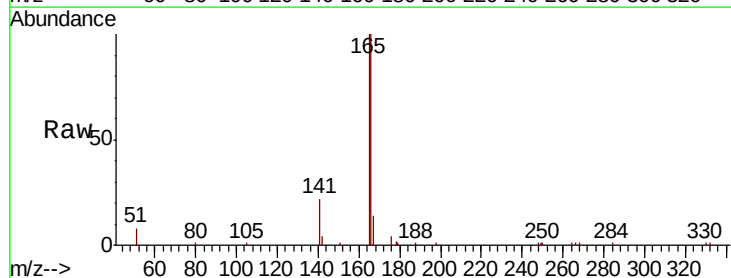
Tgt Ion:166 Resp: 6634

Ion Ratio Lower Upper

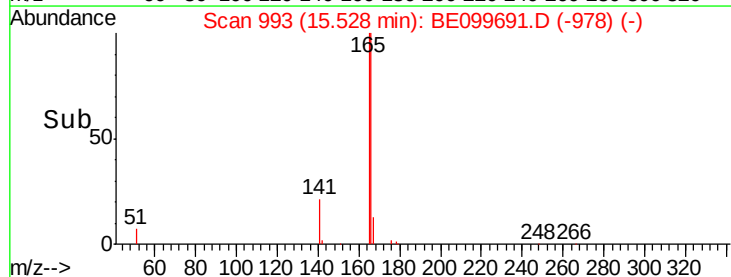
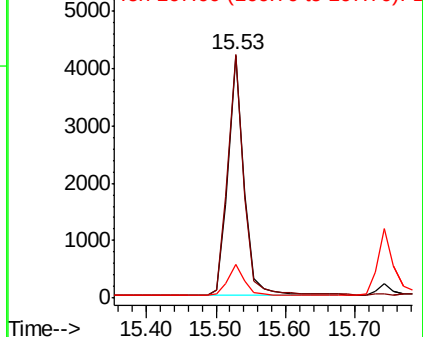
166 100

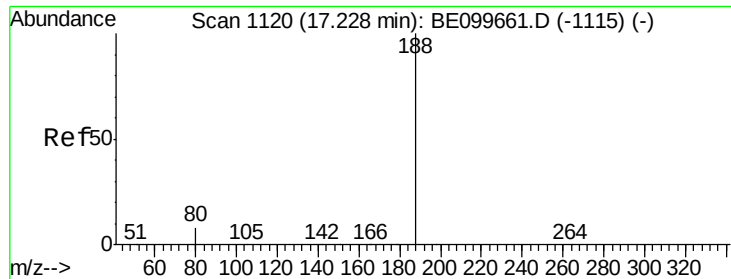
165 100.8 80.3 120.5

167 13.4 10.6 16.0



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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

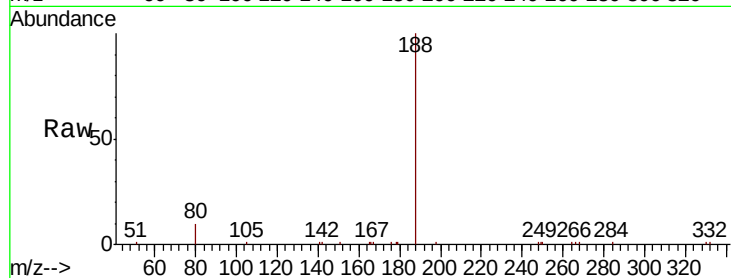
Tot Ion:188 Resp: 14311

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

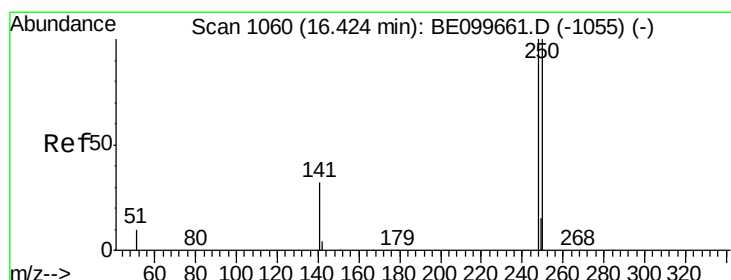
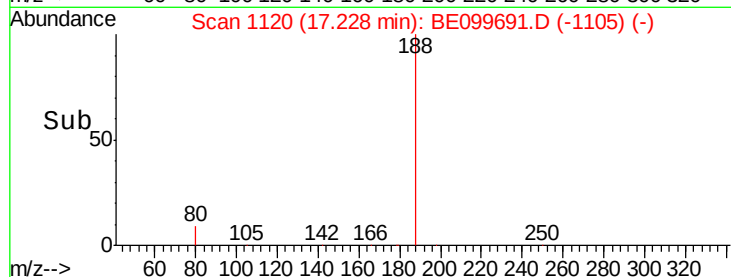
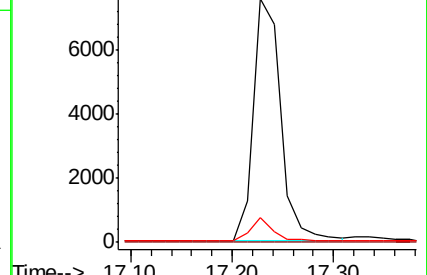
80 10.0 6.7 10.1



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: 0.349 ng

RT: 16.42 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

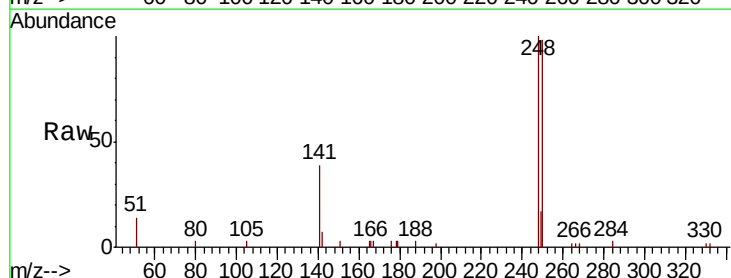
Tgt Ion:248 Resp: 2877

Ion Ratio Lower Upper

248 100

250 98.2 79.8 119.8

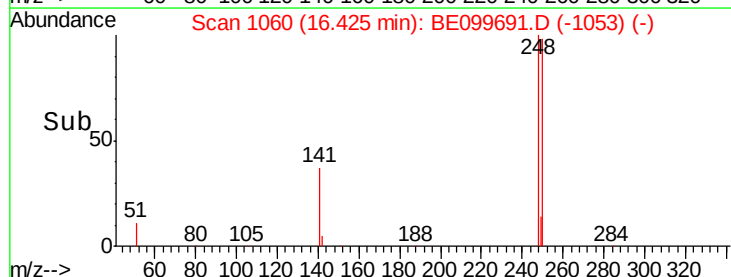
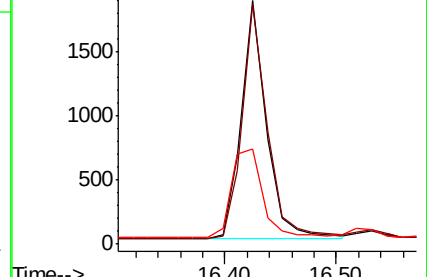
141 38.8 27.0 40.6

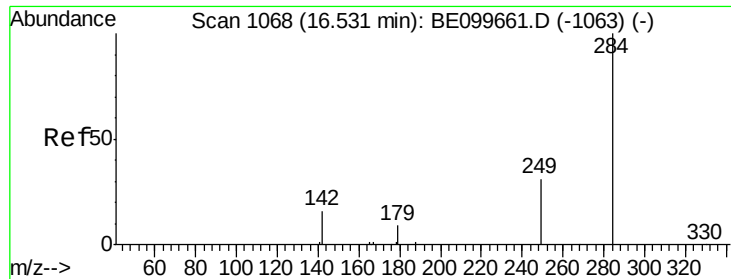


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

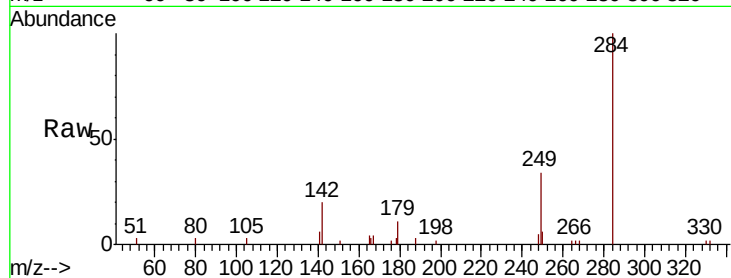




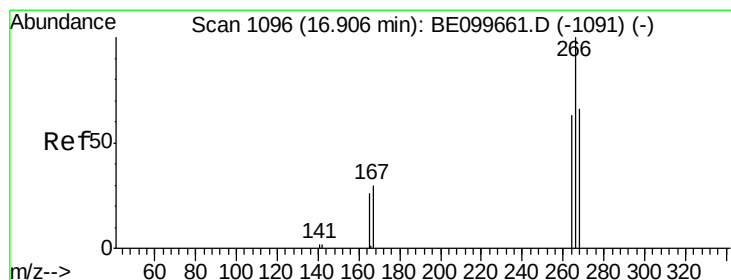
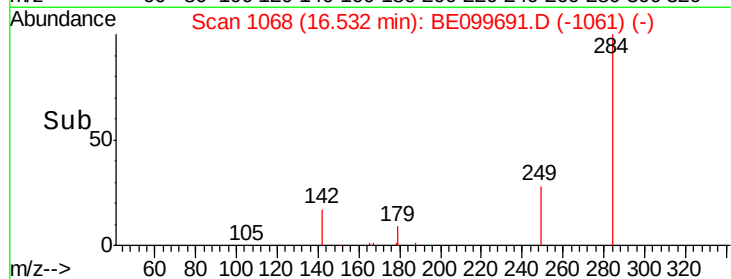
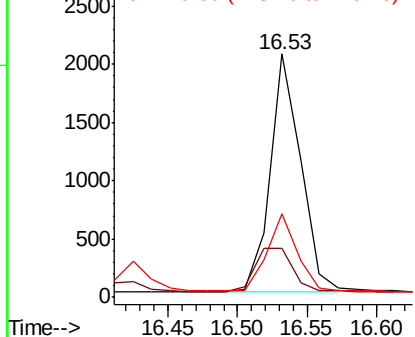
#21
Hexachlorobenzene
Concen: 0.370 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE099691.D
Acq: 21 May 2019 16:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:284 Resp: 3121
Ion Ratio Lower Upper
284 100
142 22.4 17.8 26.6
249 31.1 24.8 37.2

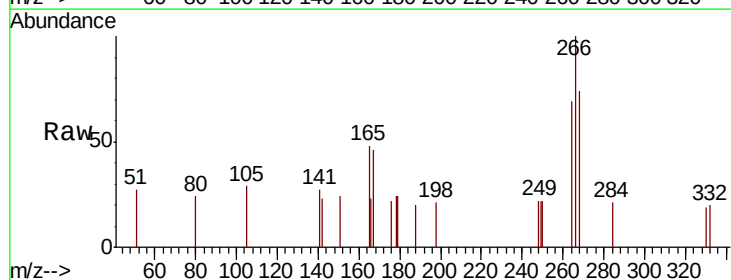


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

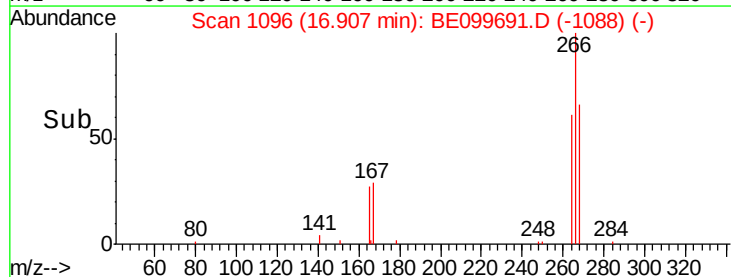
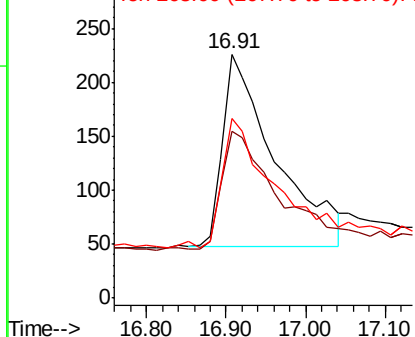


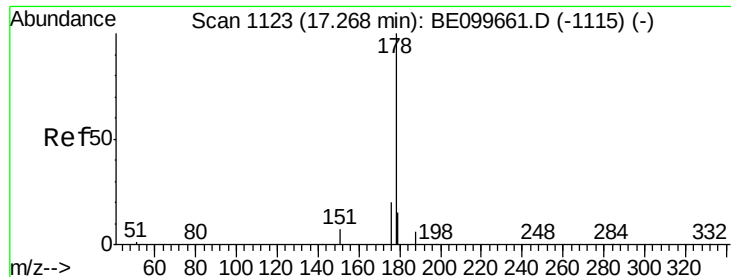
#22
Pentachlorophenol
Concen: 0.492 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE099691.D
Acq: 21 May 2019 16:21

Tgt Ion:266 Resp: 818
Ion Ratio Lower Upper
266 100
264 68.6 57.2 85.8
268 73.9 60.5 90.7



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: 0.367 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

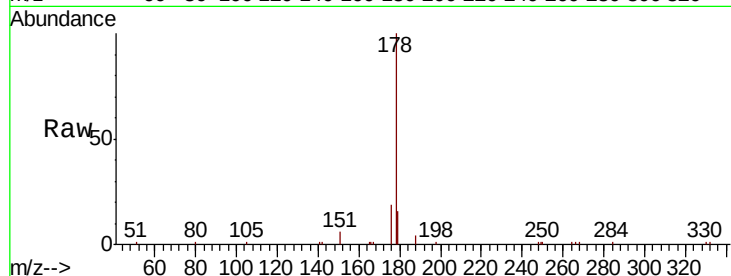
Tot Ion:178 Resp: 12836

Ion Ratio Lower Upper

178 100

176 18.8 15.6 23.4

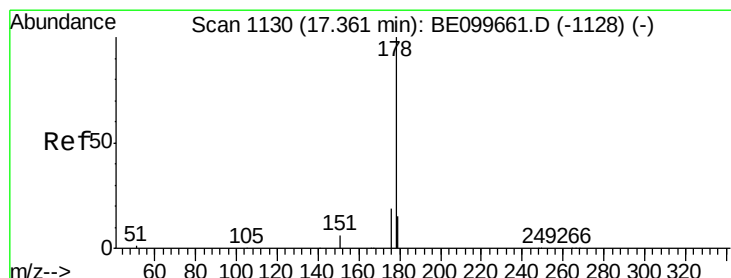
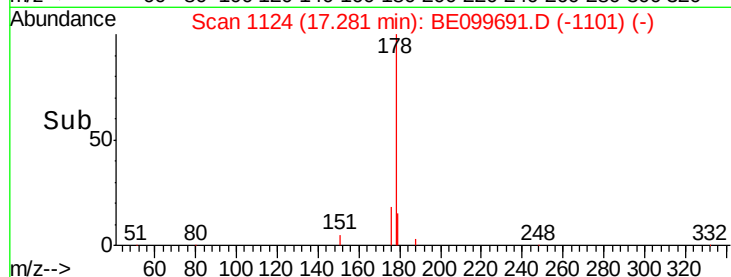
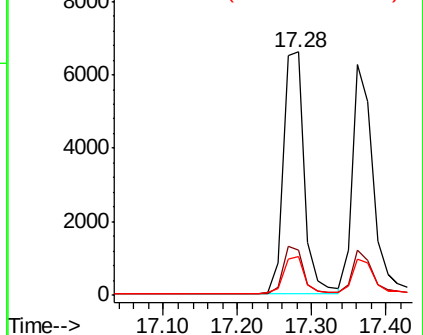
179 14.9 12.2 18.4



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



#24

Anthracene

Concen: 0.357 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

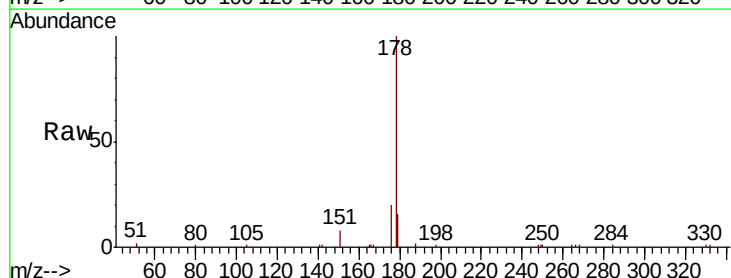
Tgt Ion:178 Resp: 11329

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

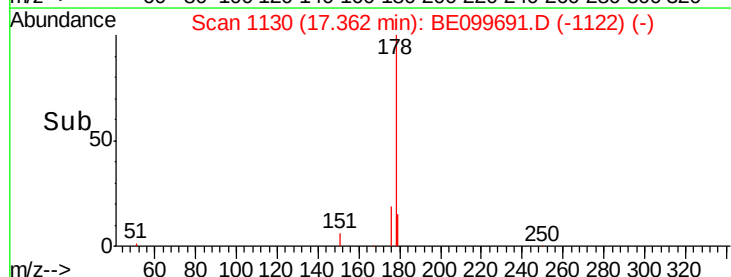
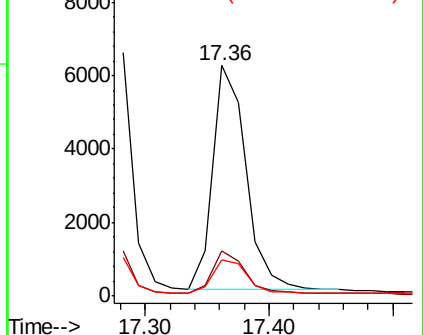
179 15.7 12.0 18.0

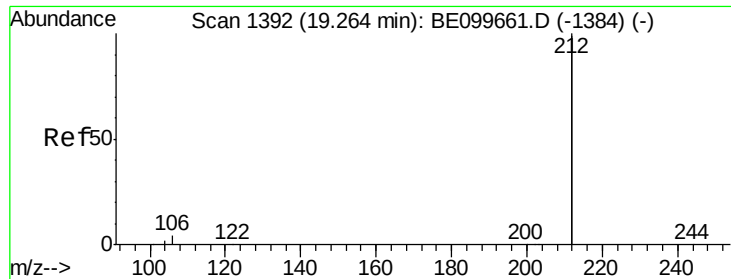


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.359 ng

RT: 19.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

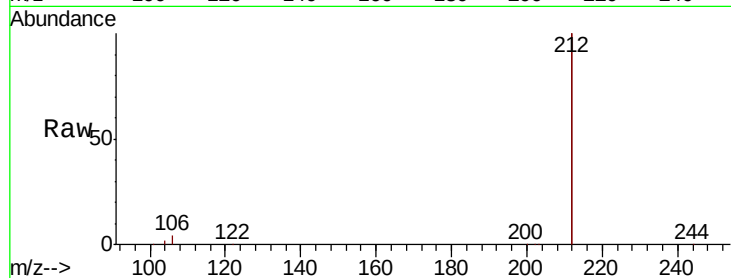
Tot Ion:212 Resp: 70129

Ion Ratio Lower Upper

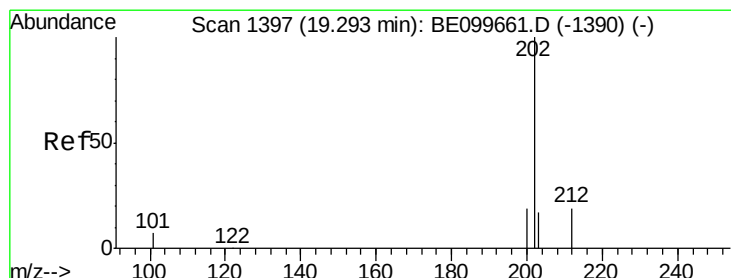
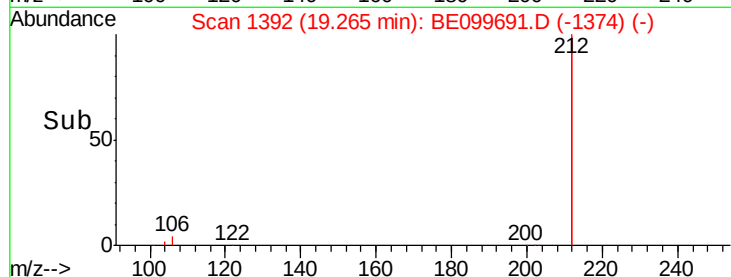
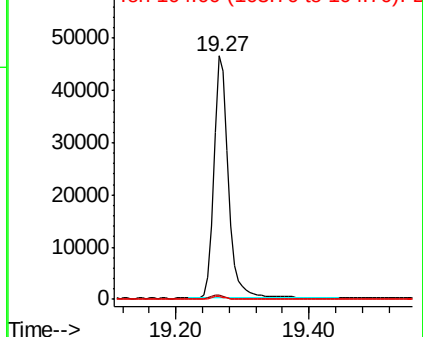
212 100

106 1.8 1.4 2.2

104 1.0 0.8 1.2



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: 0.359 ng

RT: 19.30 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

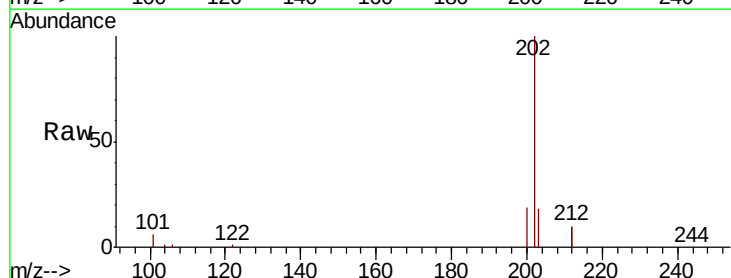
Tgt Ion:202 Resp: 19857

Ion Ratio Lower Upper

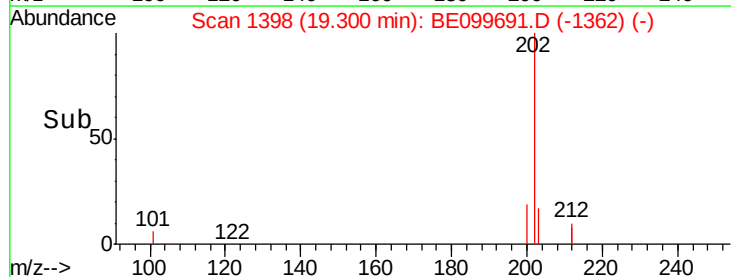
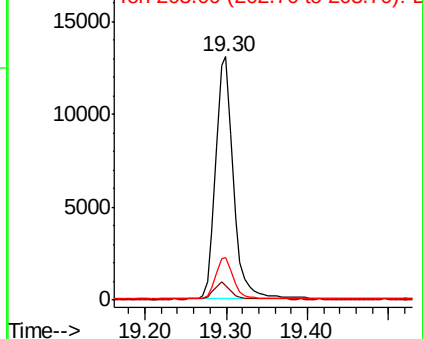
202 100

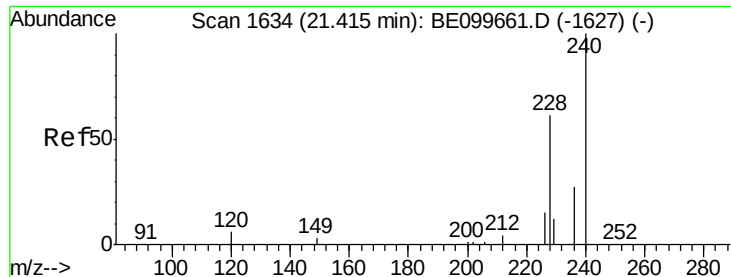
101 6.7 5.2 7.8

203 17.0 13.8 20.6



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

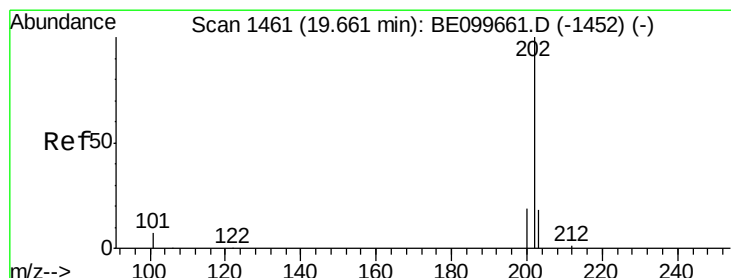
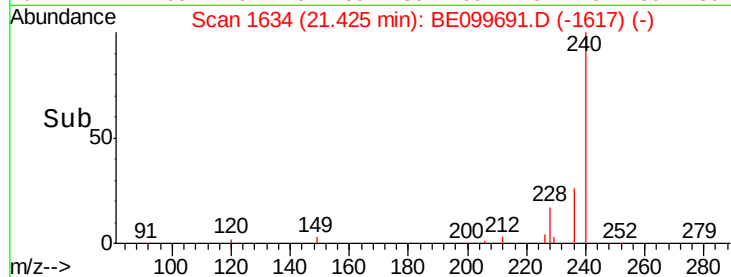
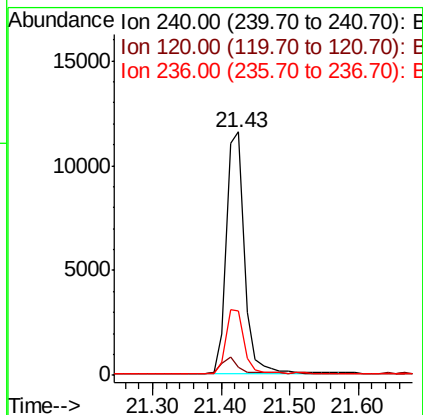
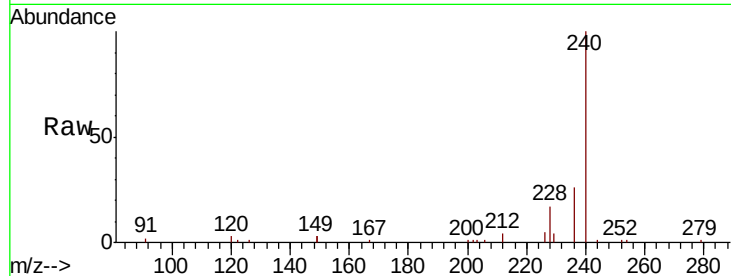




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BE099691.D
 Acq: 21 May 2019 16:21

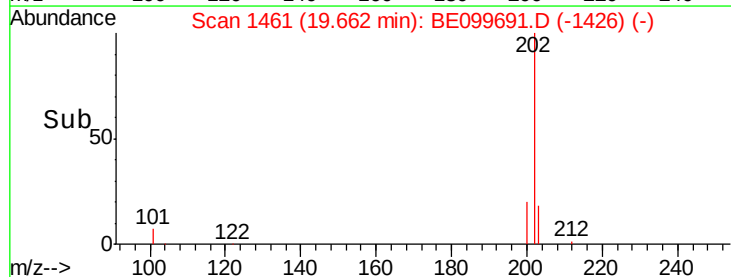
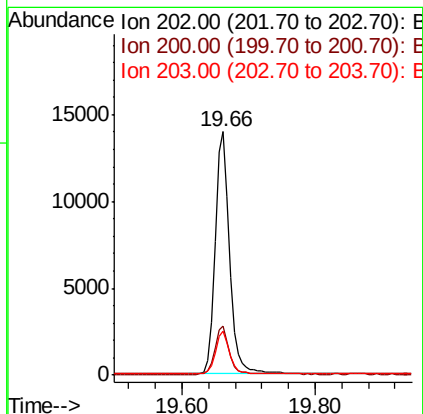
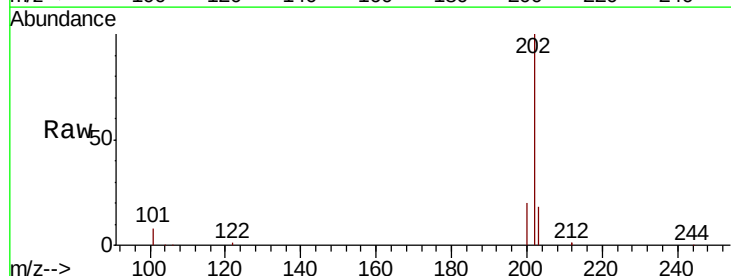
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

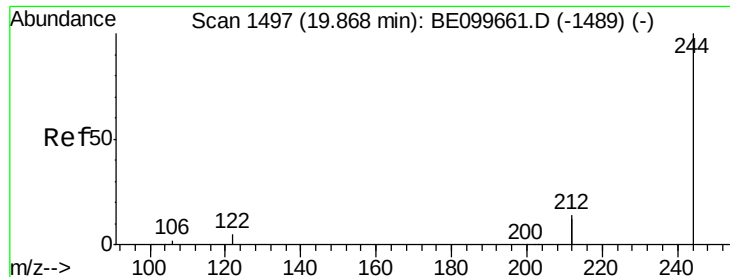
Tot Ion:240 Resp: 21416
 Ion Ratio Lower Upper
 240 100
 120 3.2 5.4 8.0#
 236 26.3 21.7 32.5



#28
 Pyrene
 Concen: 0.388 ng
 RT: 19.66 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BE099691.D
 Acq: 21 May 2019 16:21

Tgt Ion:202 Resp: 20881
 Ion Ratio Lower Upper
 202 100
 200 19.4 15.4 23.2
 203 17.7 13.8 20.8





#29

Terphenyl-d14

Concen: 0.373 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

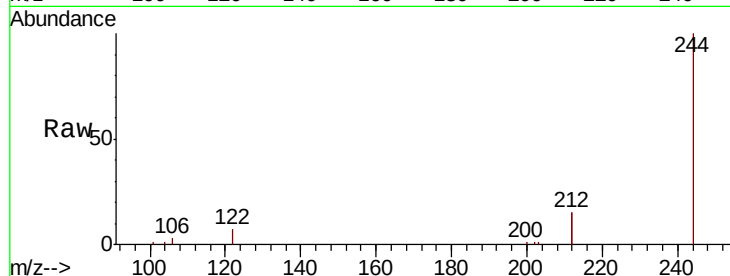
Tot Ion:244 Resp: 14275

Ion Ratio Lower Upper

244 100

212 29.3 22.5 33.7

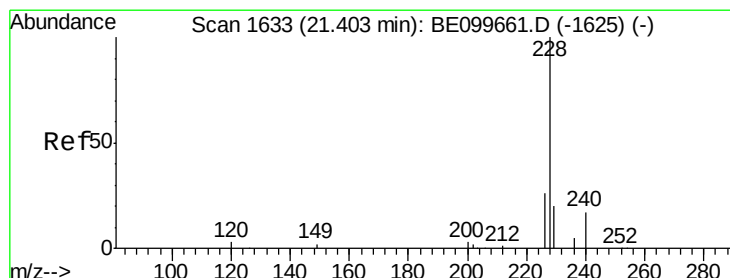
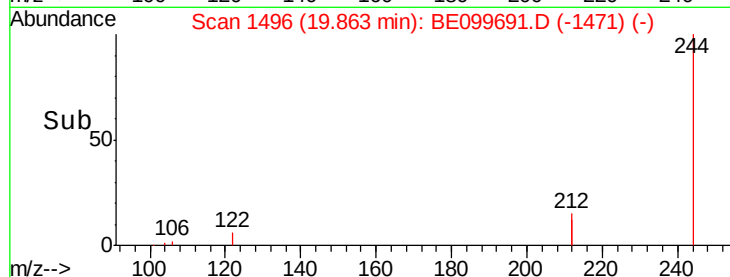
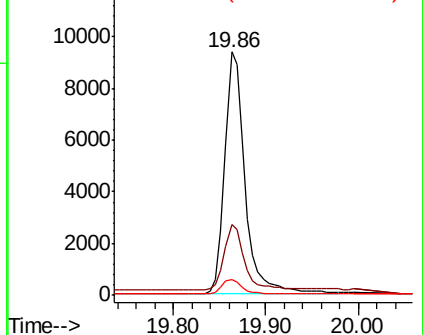
122 6.6 4.3 6.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.407 ng

RT: 21.40 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

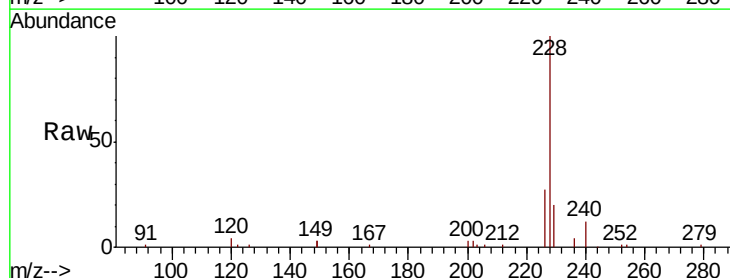
Tgt Ion:228 Resp: 24790

Ion Ratio Lower Upper

228 100

226 26.7 21.3 31.9

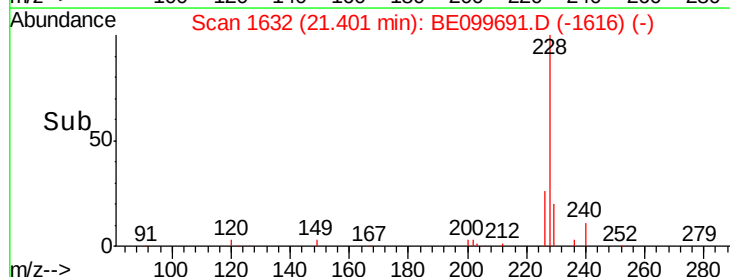
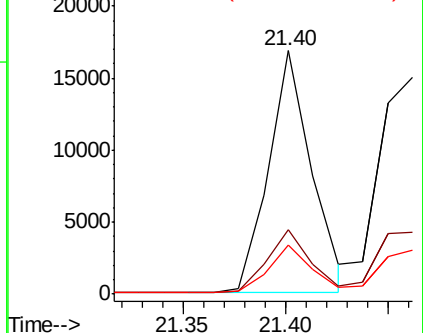
229 20.0 16.1 24.1

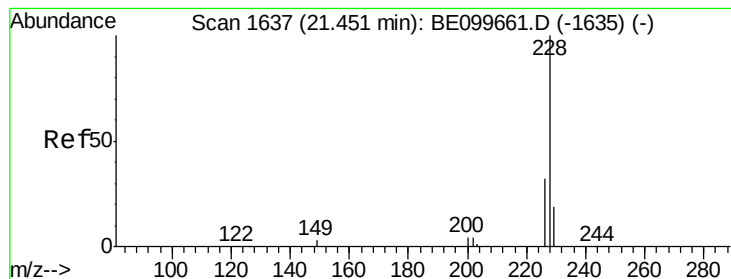


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

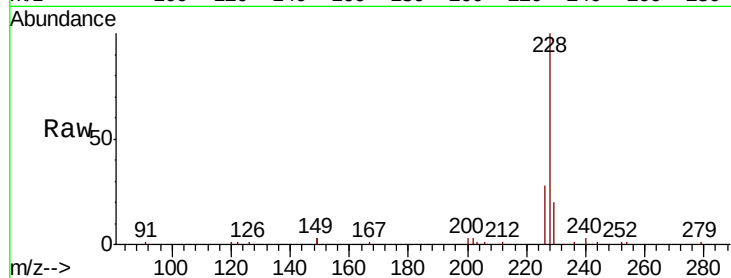




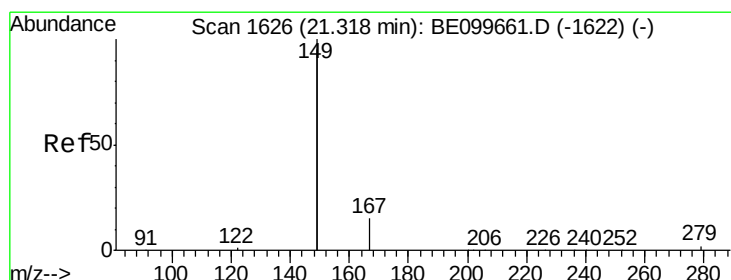
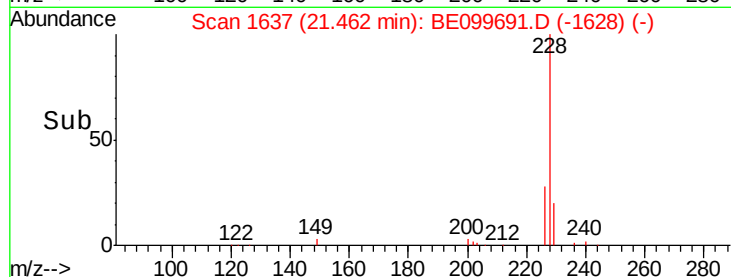
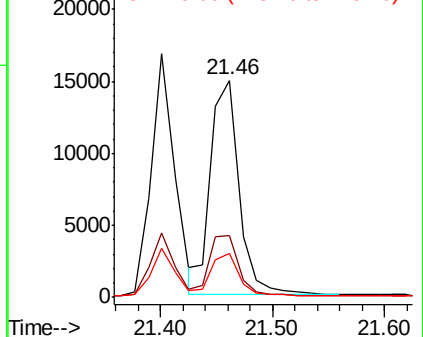
#31
 Chrysene
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1637
 Delta R.T. 0.01 min
 Lab File: BE099691.D
 Acq: 21 May 2019 16:21

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

Tot Ion:228 Resp: 26042
 Ion Ratio Lower Upper
 228 100
 226 28.4 24.7 37.1
 229 20.1 15.8 23.6

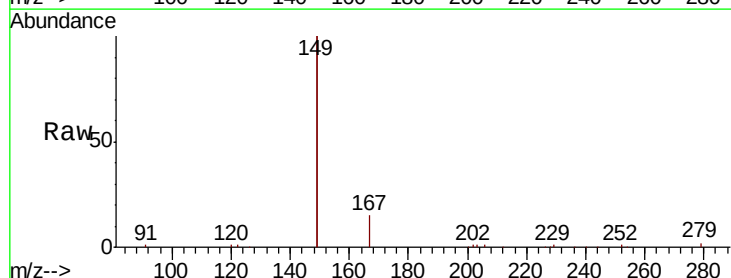


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

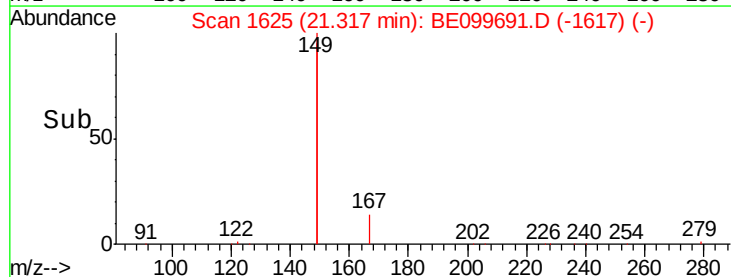
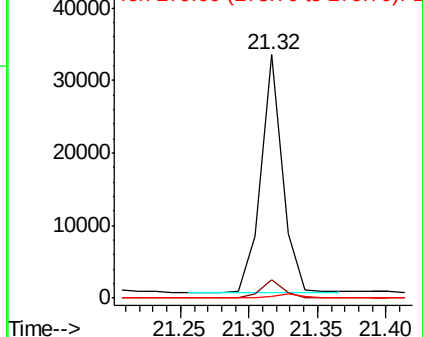


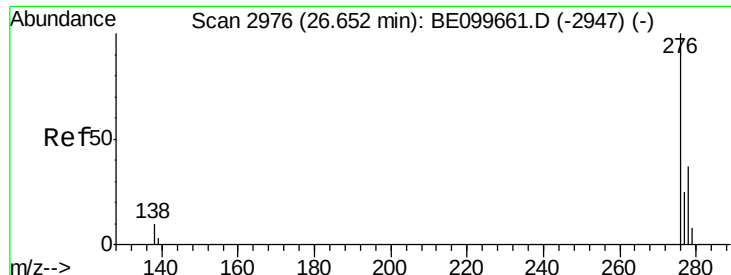
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.512 ng
 RT: 21.32 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BE099691.D
 Acq: 21 May 2019 16:21

Tgt Ion:149 Resp: 35885
 Ion Ratio Lower Upper
 149 100
 167 7.4 6.2 9.4
 279 1.5 1.2 1.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

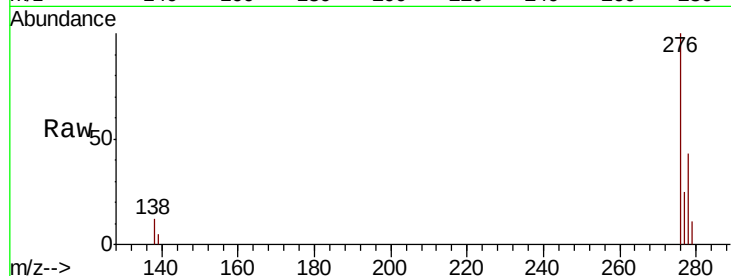




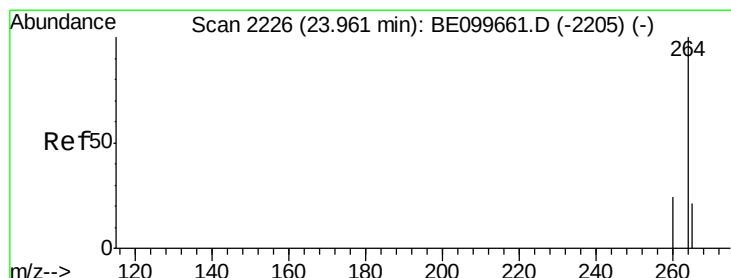
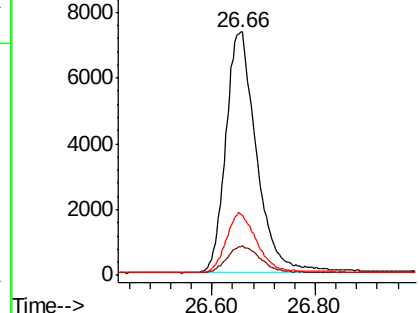
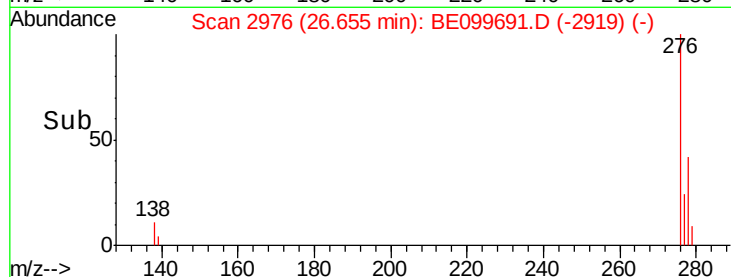
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.386 ng
 RT: 26.66 min Scan# 2976
 Delta R.T. 0.00 min
 Lab File: BE099691.D
 Acq: 21 May 2019 16:21

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 30326
 Ion Ratio Lower Upper
 276 100
 138 11.8 9.6 14.4
 277 24.7 19.2 28.8

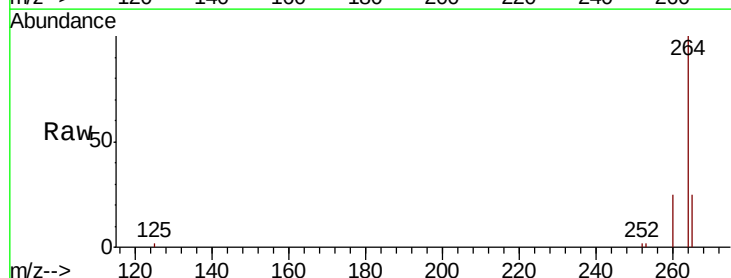


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

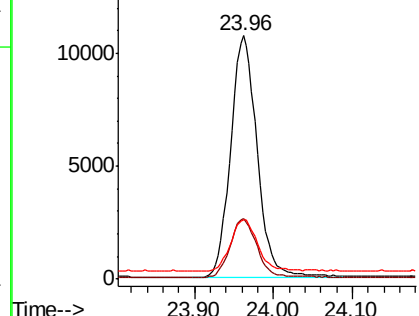
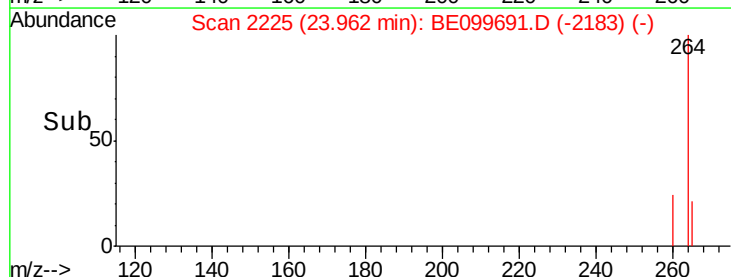


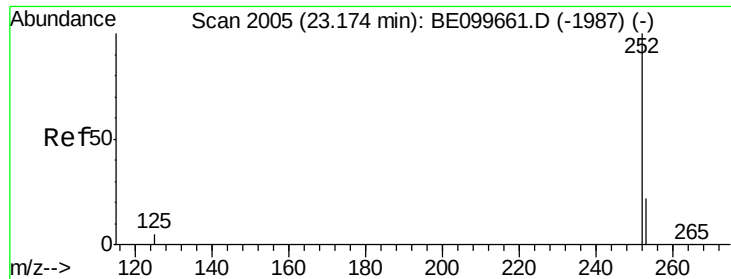
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BE099691.D
 Acq: 21 May 2019 16:21

Tgt Ion:264 Resp: 25035
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 24.5 19.1 28.7



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: 0.361 ng

RT: 23.23 min Scan# 2019

Delta R.T. 0.05 min

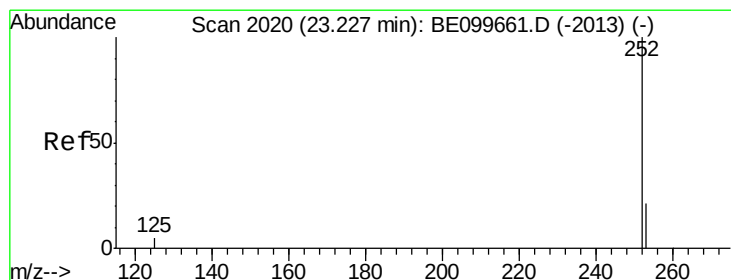
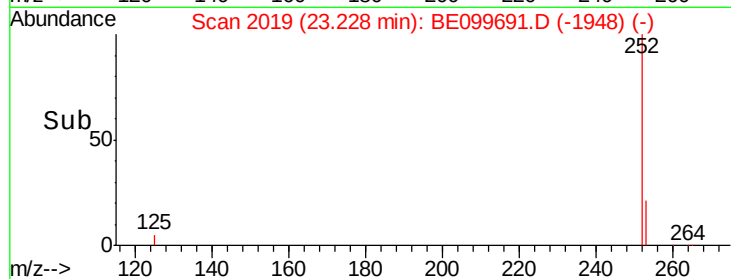
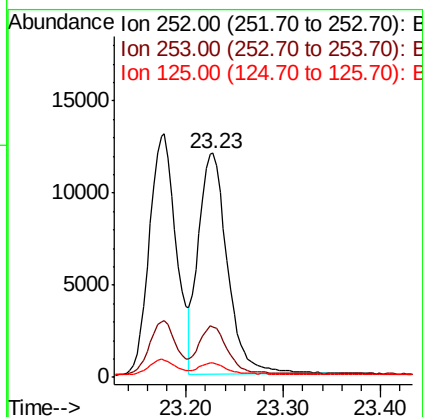
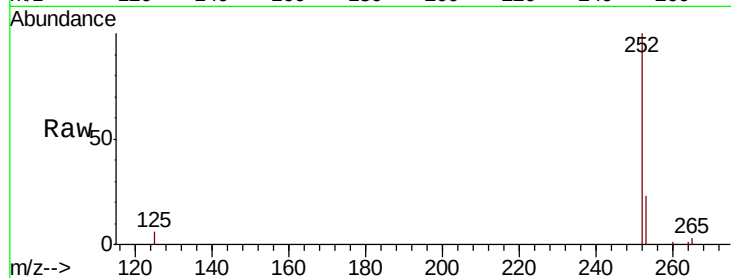
Lab File: BE099691.D

Acq: 21 May 2019 16:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 24767

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	6.2	4.5	6.7



#36

Benzo(k)fluoranthene

Concen: 0.354 ng

RT: 23.23 min Scan# 2019

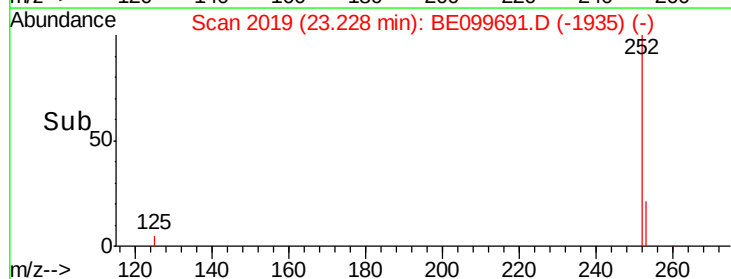
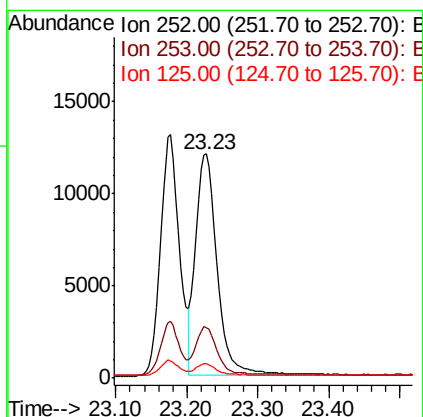
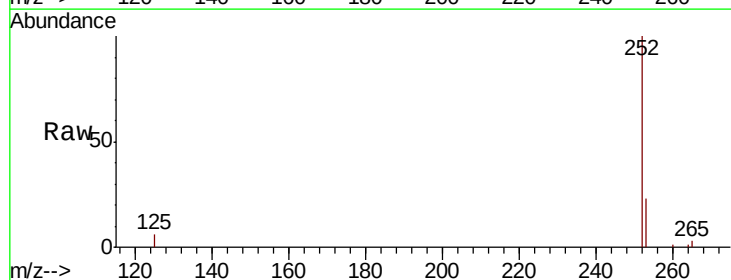
Delta R.T. 0.00 min

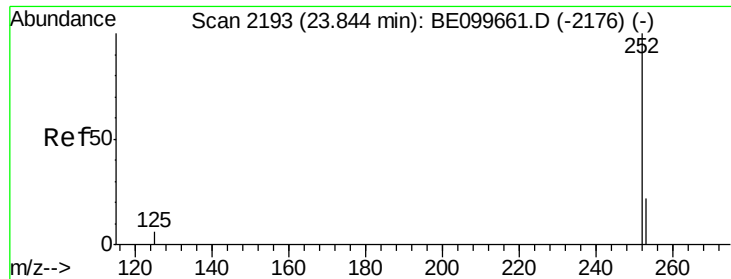
Lab File: BE099691.D

Acq: 21 May 2019 16:21

Tgt Ion:252 Resp: 25309

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	6.2	4.6	6.8

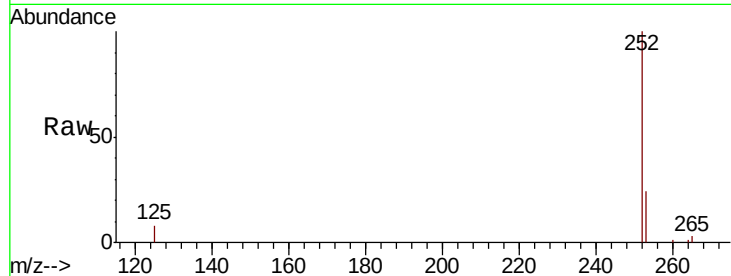




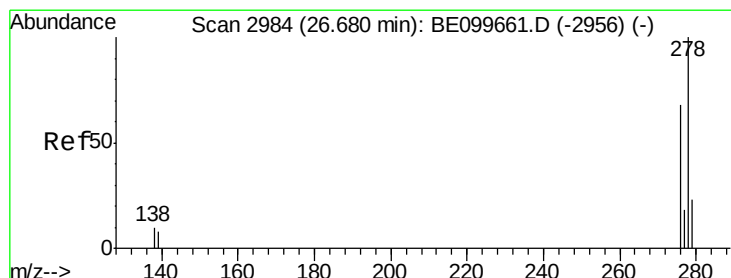
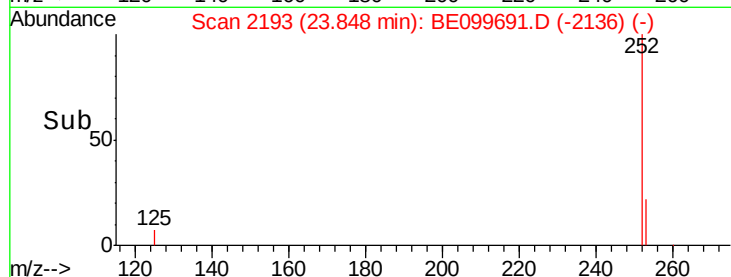
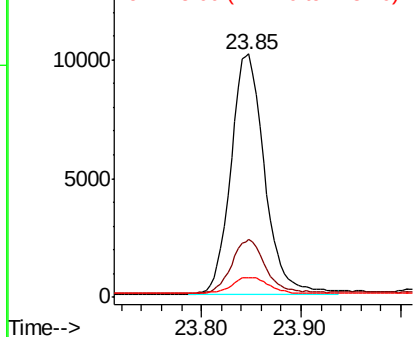
#37
Benzo(a)pyrene
Concen: 0.360 ng
RT: 23.85 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BE099691.D
Acq: 21 May 2019 16:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 23760
Ion Ratio Lower Upper
252 100
253 23.7 18.9 28.3
125 8.3 5.4 8.0#

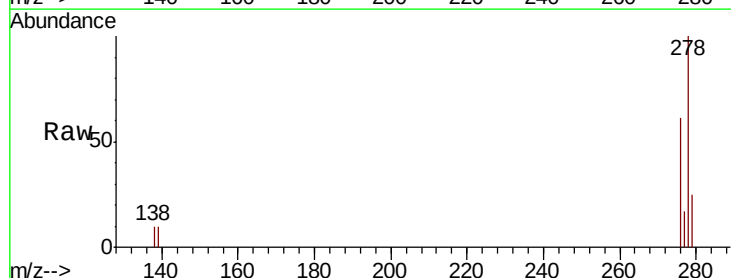


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

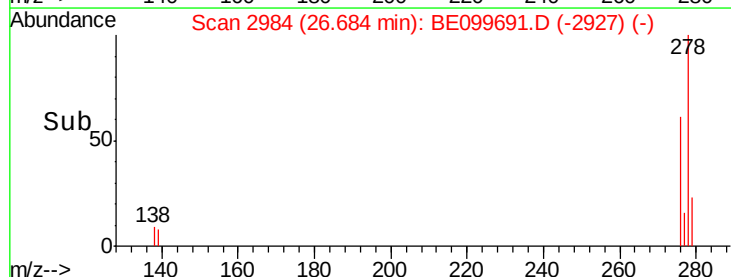
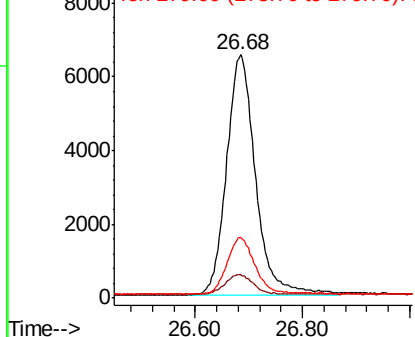


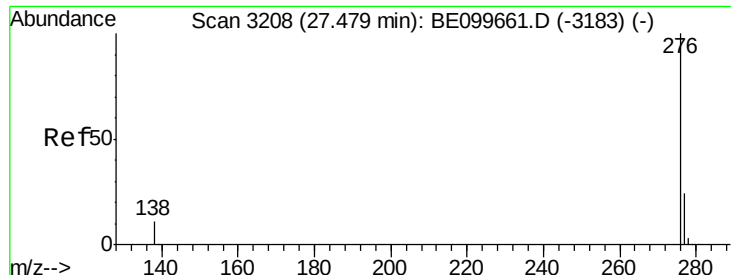
#38
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 26.68 min Scan# 2984
Delta R.T. 0.00 min
Lab File: BE099691.D
Acq: 21 May 2019 16:21

Tgt Ion:278 Resp: 24627
Ion Ratio Lower Upper
278 100
139 9.5 6.9 10.3
279 24.7 19.2 28.8



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: 0.353 ng

RT: 27.49 min Scan# 3209

Delta R.T. 0.01 min

Lab File: BE099691.D

Acq: 21 May 2019 16:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

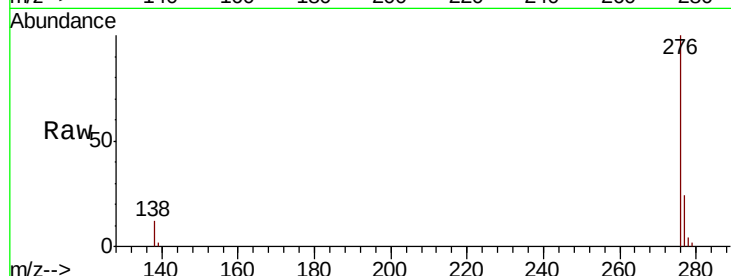
Tot Ion: 276 Resp: 24737

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.6

138 11.6 9.2 13.8



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

