

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
 Data File : BE099454.D
 Acq On : 1 May 2019 9:03
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 02 04:12:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 18:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2556	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	11182	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	8863	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	25524	0.40	ng	0.00
27) Chrysene-d12	21.37	240	28537	0.40	ng	0.00
34) Perylene-d12	23.86	264	33185	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3010	0.43	ng	0.00
5) Phenol-d6	6.97	99	4677	0.50	ng	0.00
8) Nitrobenzene-d5	8.96	82	4113	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	8595	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	2283	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	13431	0.40	ng	-0.02
25) Fluoranthene-d10	19.22	212	124369	0.36	ng	0.00
29) Terphenyl-d14	19.81	244	25301	0.48	ng	0.00

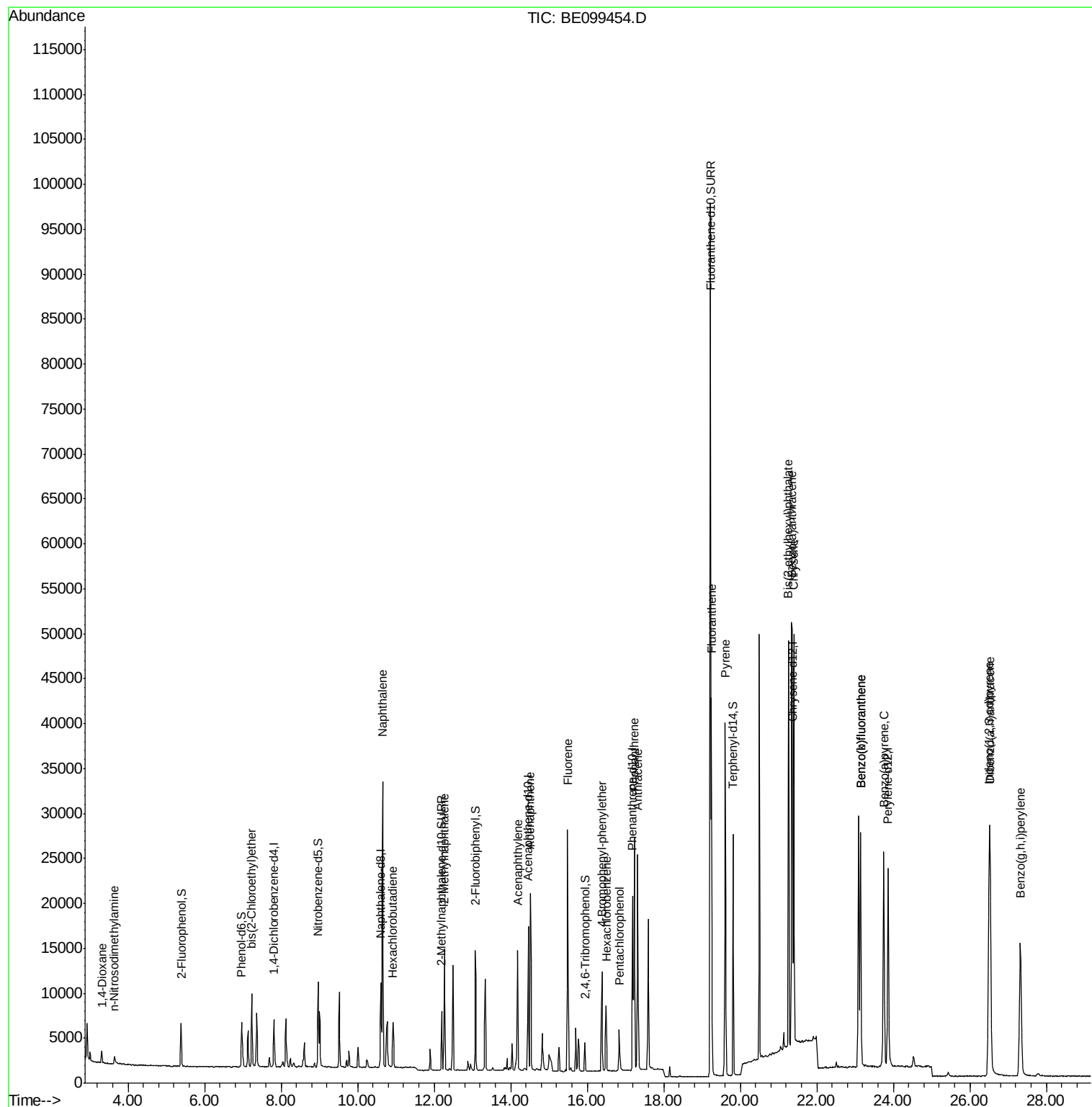
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	1256	0.357	ng	93
3) n-Nitrosodimethylamine	3.64	42	774	0.365	ng	# 83
6) bis(2-Chloroethyl)ether	7.23	93	3201	0.395	ng	99
9) Naphthalene	10.65	128	50275	0.413	ng	100
10) Hexachlorobutadiene	10.93	225	3350	0.395	ng	100
12) 2-Methylnaphthalene	12.27	142	9168	0.433	ng	96
16) Acenaphthylene	14.18	152	17606	0.406	ng	98
17) Acenaphthene	14.51	154	10123	0.409	ng	99
18) Fluorene	15.49	166	14604	0.400	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	5985	0.403	ng	92
21) Hexachlorobenzene	16.49	284	5962	0.421	ng	98
22) Pentachlorophenol	16.84	266	2548	0.515	ng	98
23) Phenanthrene	17.23	178	26015	0.395	ng	99
24) Anthracene	17.32	178	24598	0.392	ng	99
26) Fluoranthene	19.25	202	36229	0.367	ng	100
28) Pyrene	19.61	202	37159	0.500	ng	100
30) Benzo(a)anthracene	21.34	228	41873	0.461	ng	97
31) Chrysene	21.40	228	40061	0.450	ng	99
32) Bis(2-ethylhexyl)phthalate	21.26	149	63526	0.424	ng	99
33) Indeno(1,2,3-cd)pyrene	26.51	276	47248	0.449	ng	99
35) Benzo(b)fluoranthene	23.14	252	37952	0.397	ng	99
36) Benzo(k)fluoranthene	23.14	252	37952	0.411	ng	100
37) Benzo(a)pyrene	23.75	252	37906	0.419	ng	# 98
38) Dibenzo(a,h)anthracene	26.53	278	38056	0.411	ng	99
39) Benzo(g,h,i)perylene	27.32	276	38663	0.417	ng	99

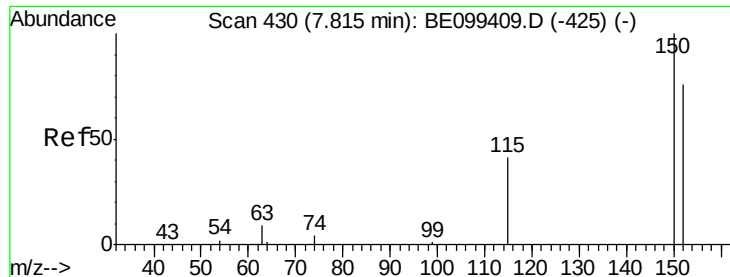
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

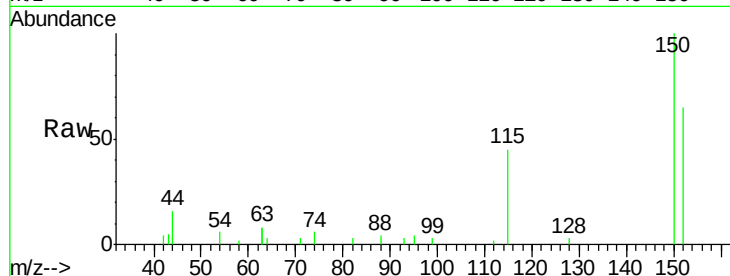
Tot Ion:152 Resp: 2556

Ion Ratio Lower Upper

152 100

150 152.8 104.8 157.2

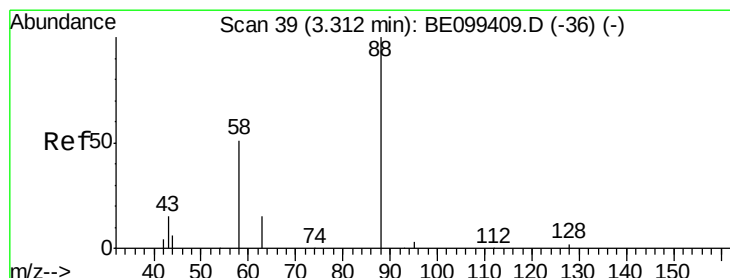
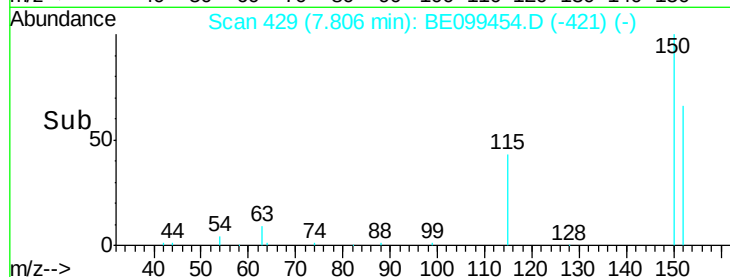
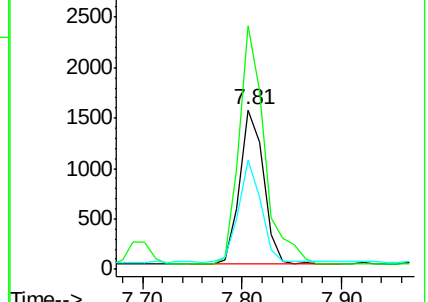
115 68.5 46.6 69.8



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: 0.357 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

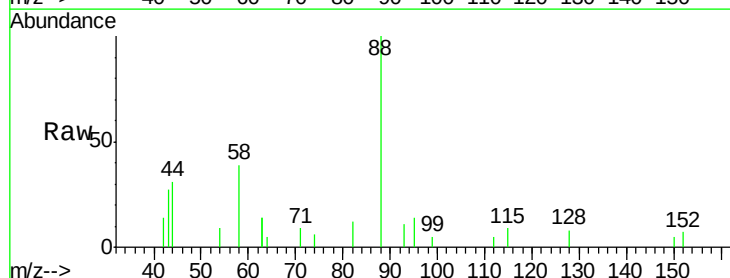
Tgt Ion: 88 Resp: 1256

Ion Ratio Lower Upper

88 100

58 58.4 51.0 76.6

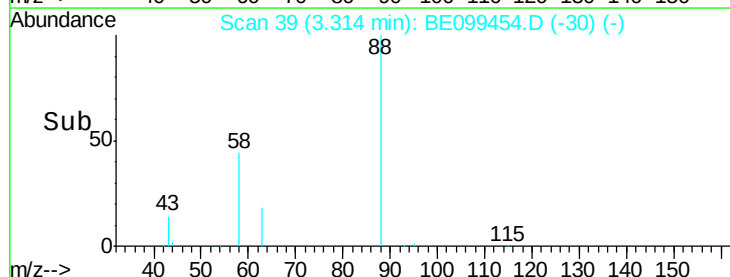
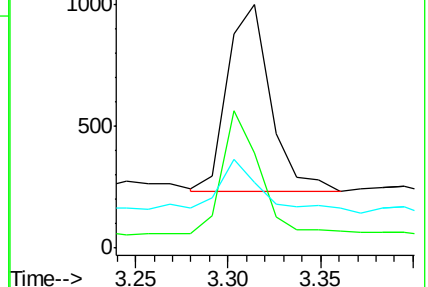
43 22.9 20.6 30.8

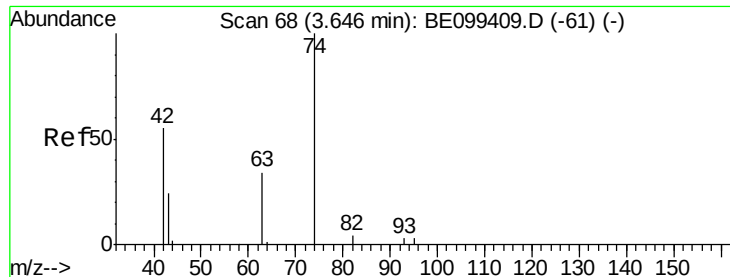


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.365 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.01 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

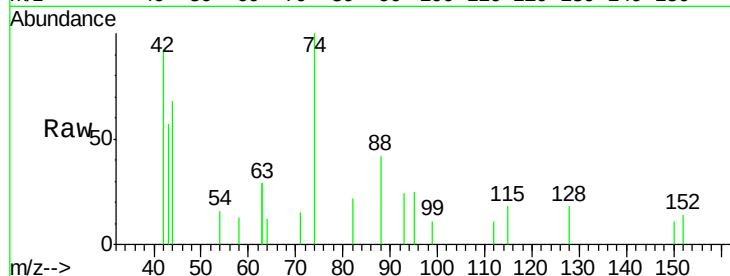
Tot Ion: 42 Resp: 774

Ion Ratio Lower Upper

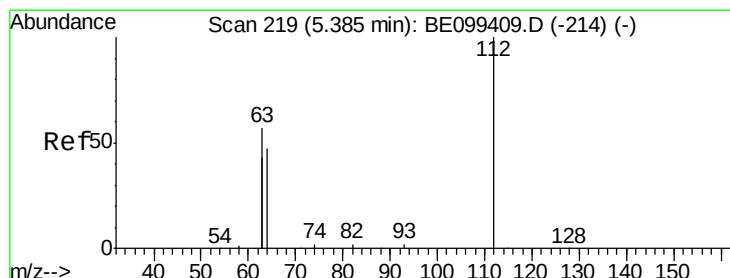
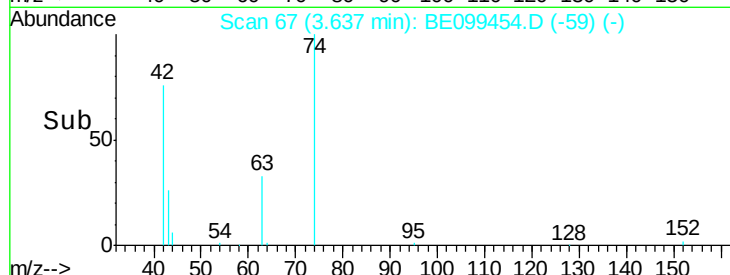
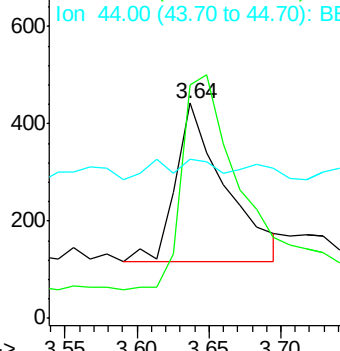
42 100

74 153.1 141.6 212.4

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: 0.426 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

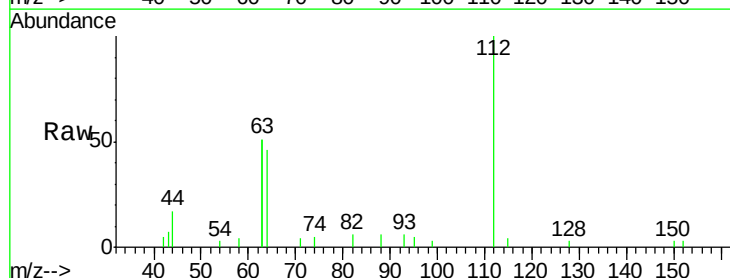
Tgt Ion: 112 Resp: 3010

Ion Ratio Lower Upper

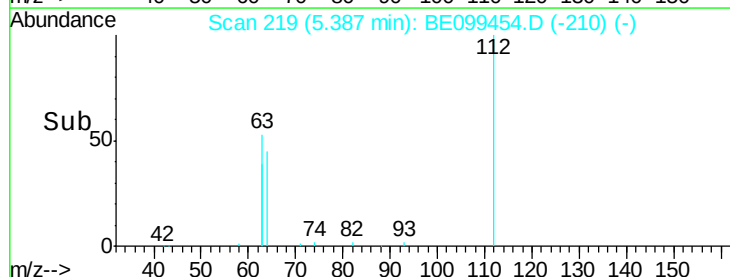
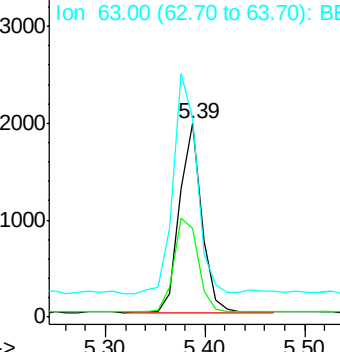
112 100

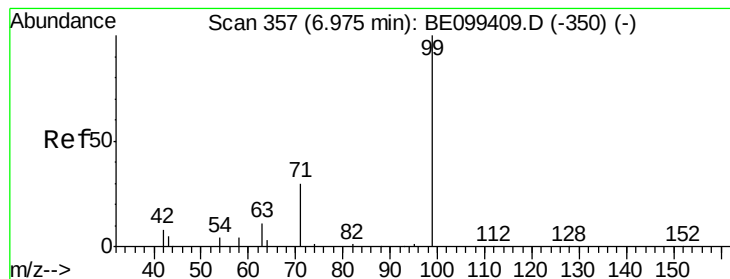
64 56.3 47.4 71.0

63 123.9 104.3 156.5



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: 0.498 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

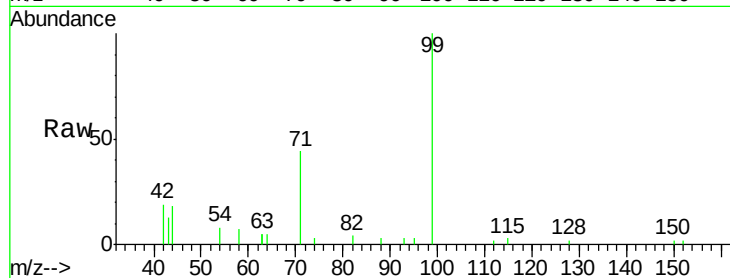
Tot Ion: 99 Resp: 4677

Ion Ratio Lower Upper

99 100

42 16.0 14.9 22.3

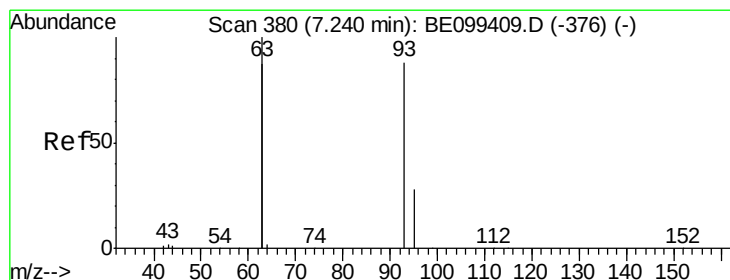
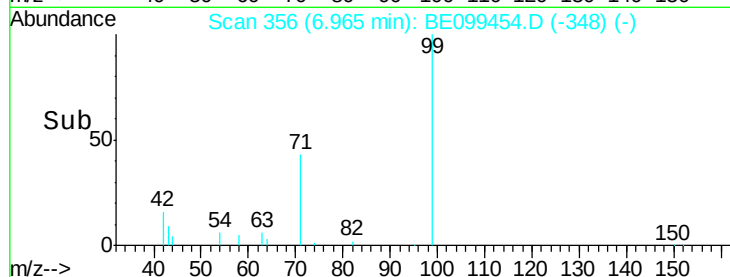
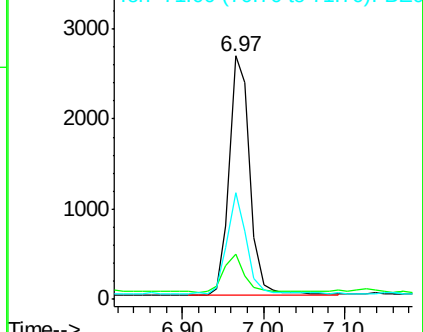
71 39.4 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.395 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

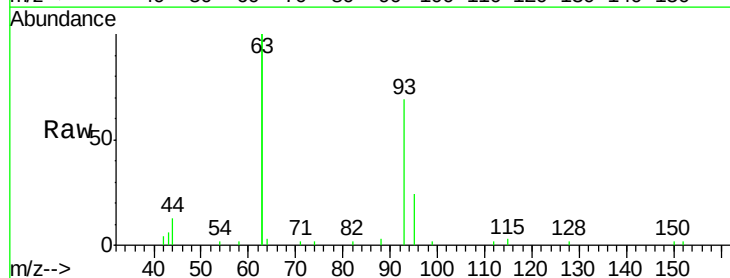
Tgt Ion: 93 Resp: 3201

Ion Ratio Lower Upper

93 100

63 270.2 215.6 323.4

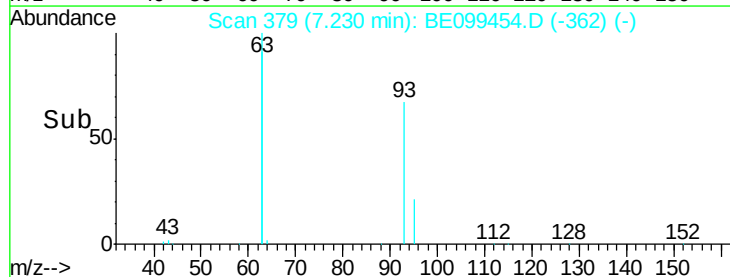
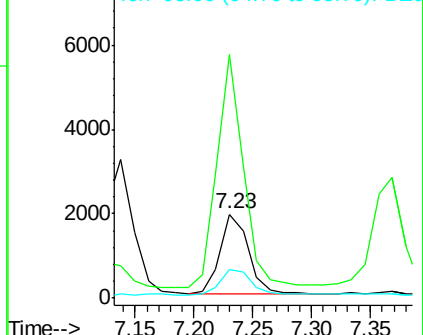
95 33.6 26.2 39.2

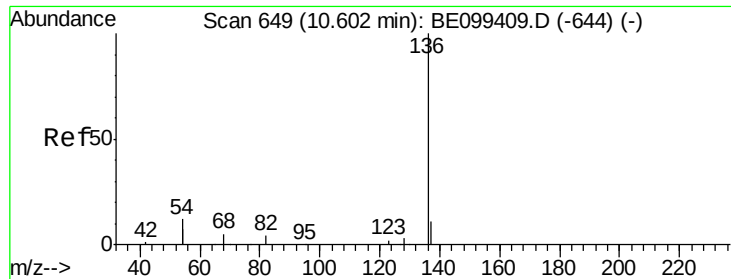


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 11182

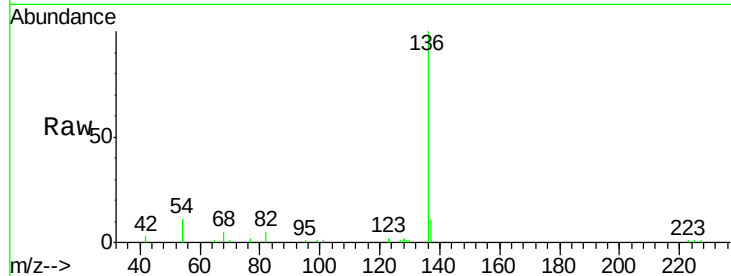
Ion Ratio Lower Upper

136 100

137 11.0 9.8 14.8

54 22.2 18.5 27.7

68 5.5 4.7 7.1

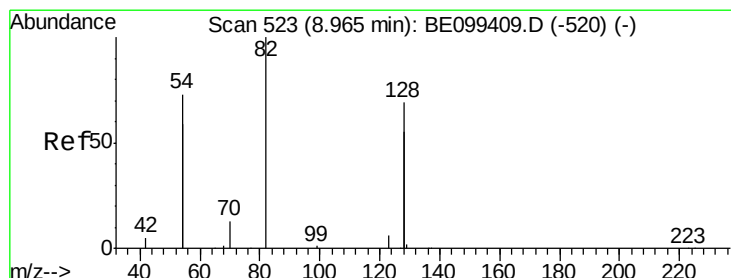
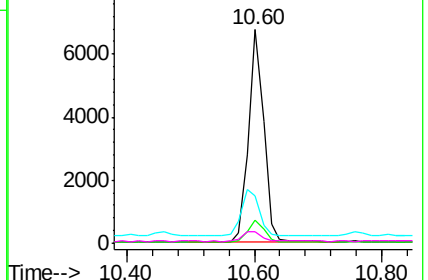
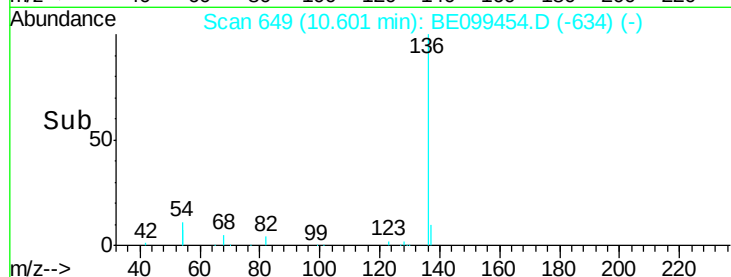


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.392 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

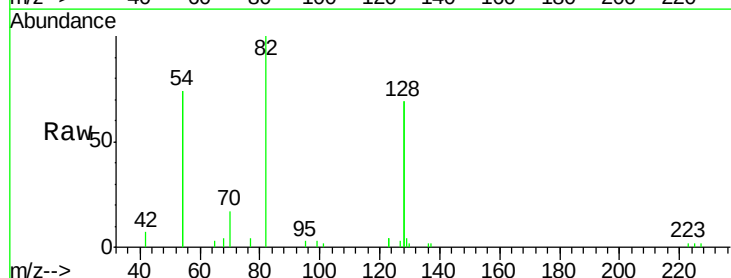
Tgt Ion: 82 Resp: 4113

Ion Ratio Lower Upper

82 100

128 138.5 107.0 160.4

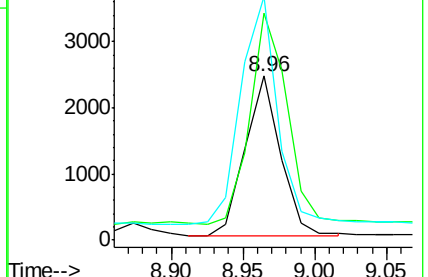
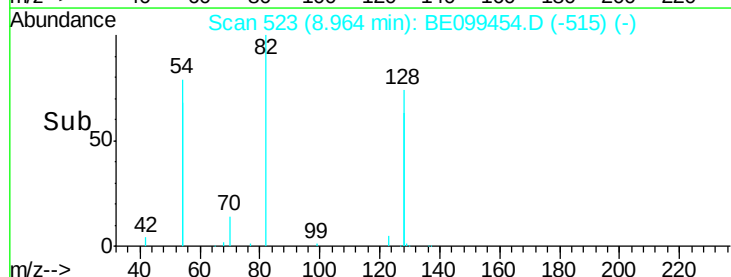
54 148.4 113.1 169.7

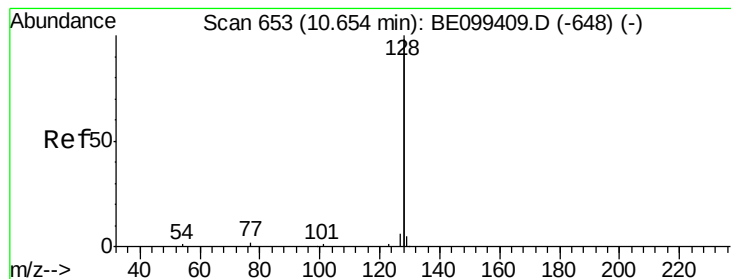


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.413 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

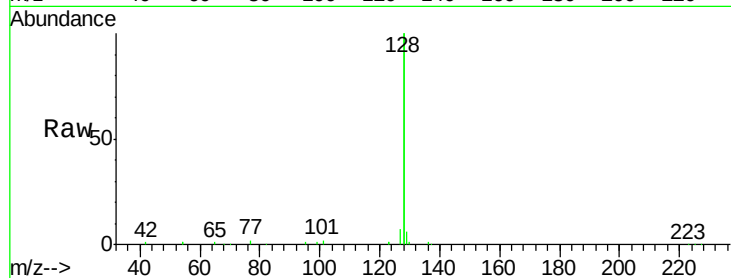
Tot Ion:128 Resp: 50275

Ion Ratio Lower Upper

128 100

129 2.8 2.4 3.6

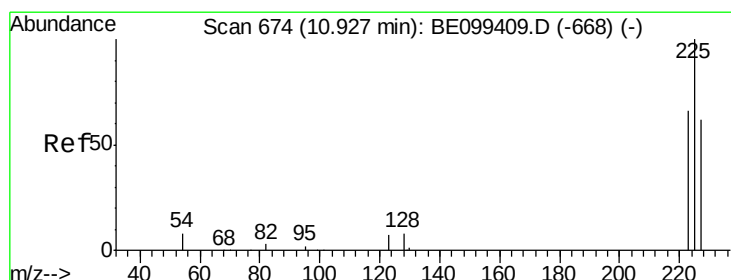
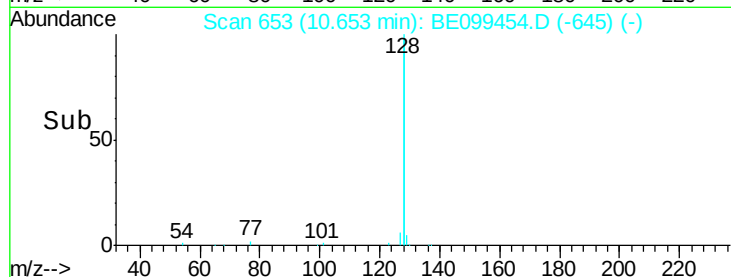
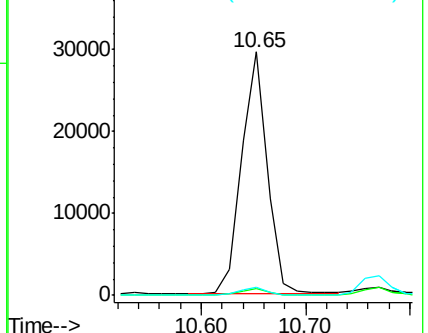
127 3.4 2.8 4.2



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: 0.395 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

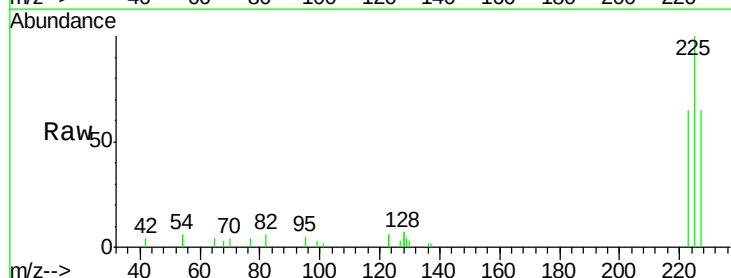
Tgt Ion:225 Resp: 3350

Ion Ratio Lower Upper

225 100

223 63.9 51.0 76.6

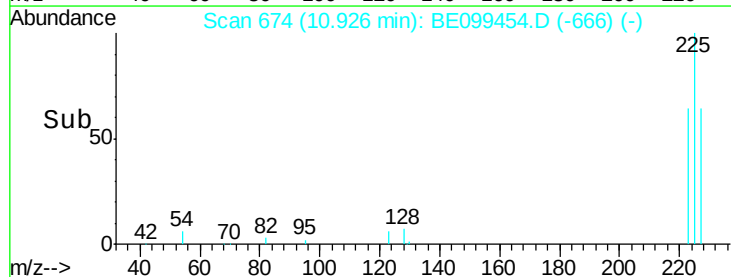
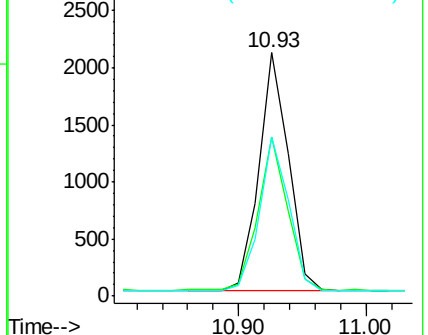
227 63.9 50.9 76.3

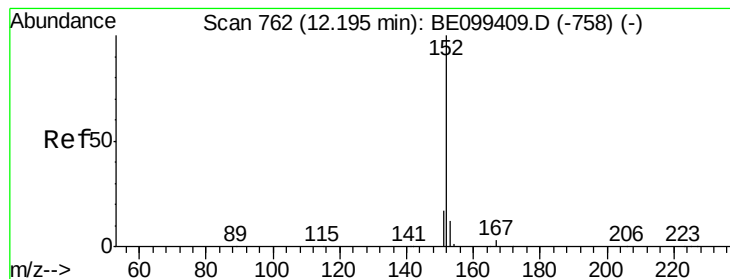


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.427 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

ClientSampleId :

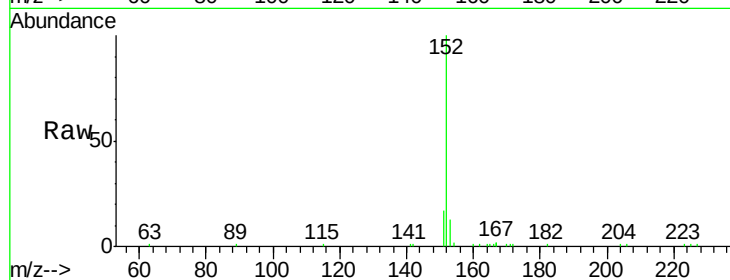
SSTDCCC0.4

Tot Ion:152 Resp: 8595

Ion Ratio Lower Upper

152 100

151 18.8 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

6000

5000

4000

3000

2000

1000

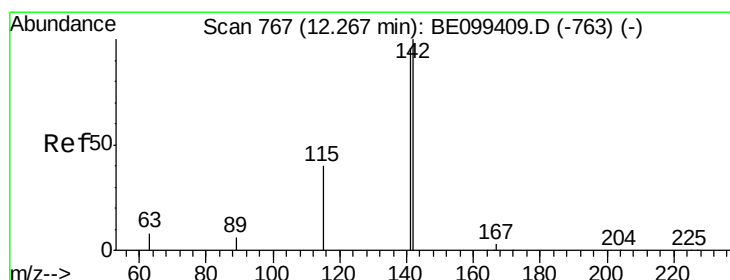
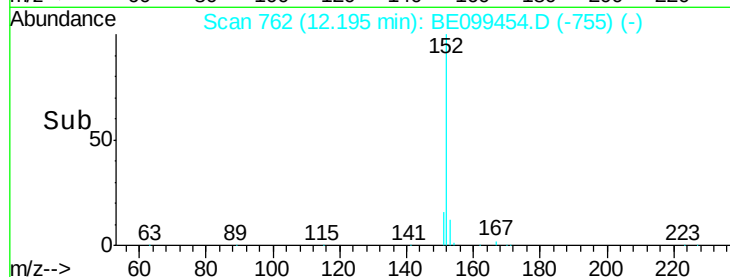
0

12.19

12.20

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.433 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

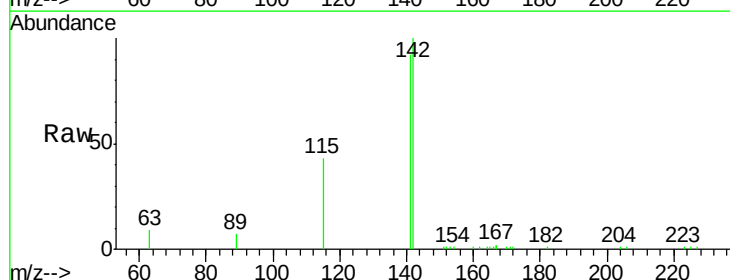
Tgt Ion:142 Resp: 9168

Ion Ratio Lower Upper

142 100

141 92.0 77.0 115.4

115 43.0 33.4 50.0



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

6000

4000

2000

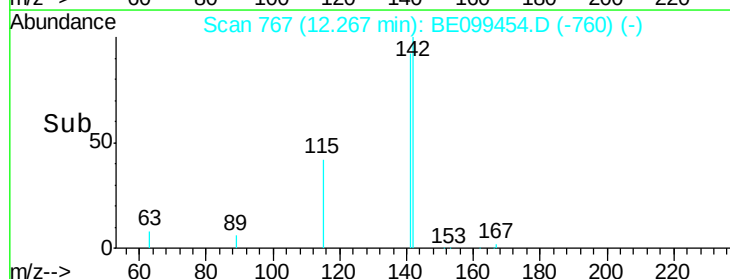
0

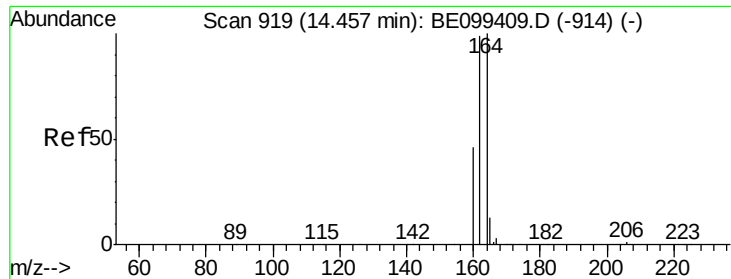
12.27

12.20

12.30

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

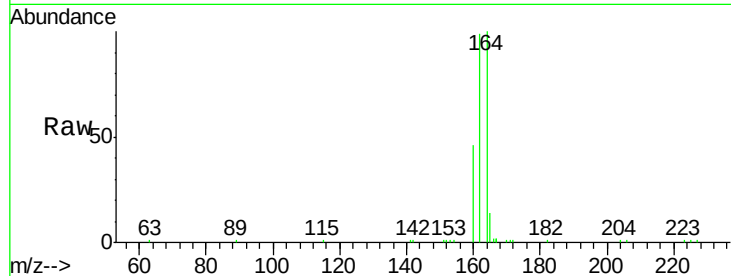
Tot Ion:164 Resp: 8863

Ion Ratio Lower Upper

164 100

162 98.6 79.0 118.4

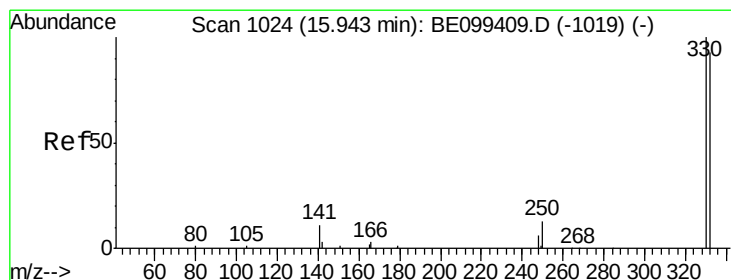
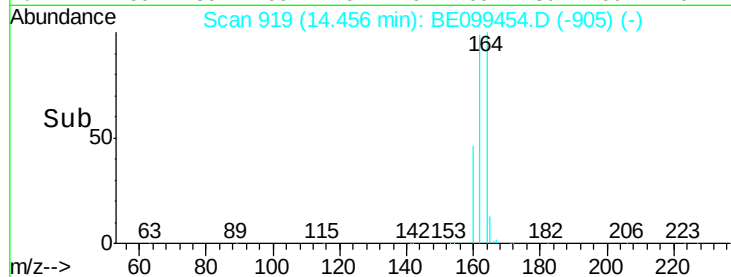
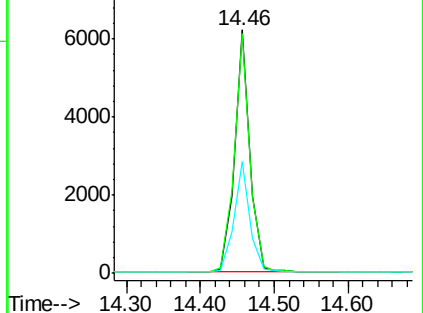
160 46.1 37.0 55.4



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: 0.409 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

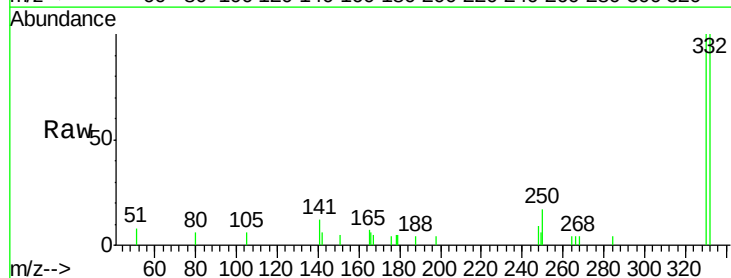
Tgt Ion:330 Resp: 2283

Ion Ratio Lower Upper

330 100

332 94.7 71.5 107.3

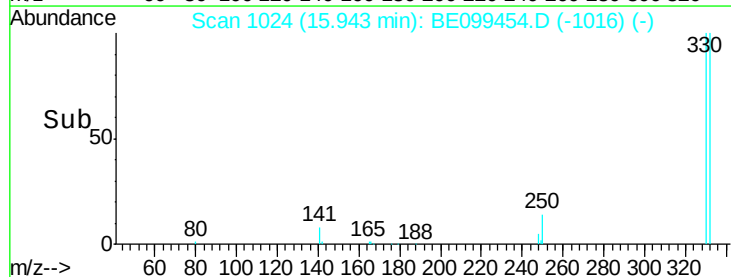
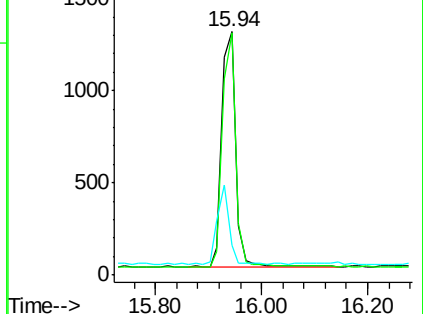
141 28.5 24.0 36.0

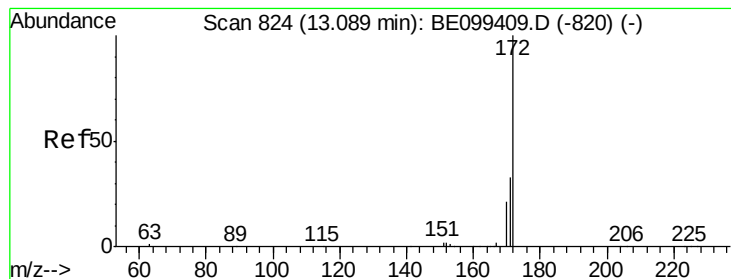


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.397 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.02 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

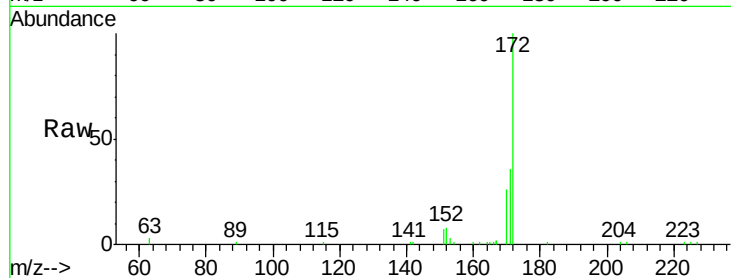
Tot Ion:172 Resp: 13431

Ion Ratio Lower Upper

172 100

171 35.9 26.6 39.8

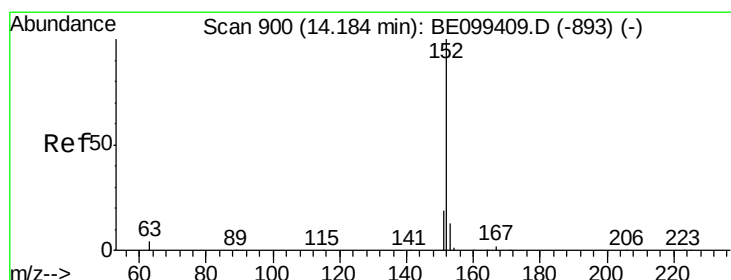
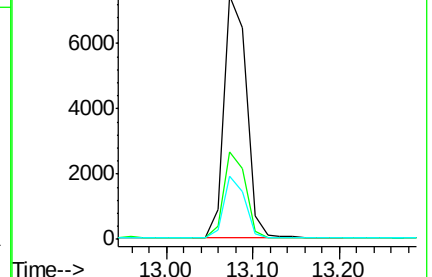
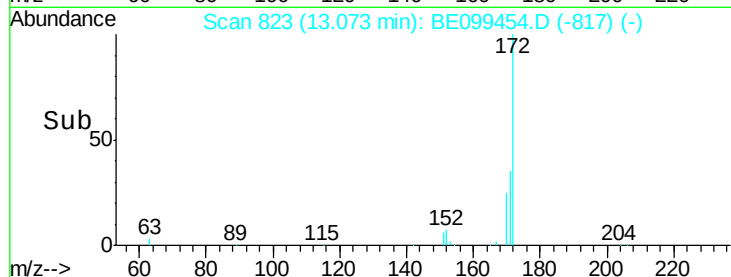
170 26.0 17.0 25.6#



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: 0.406 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

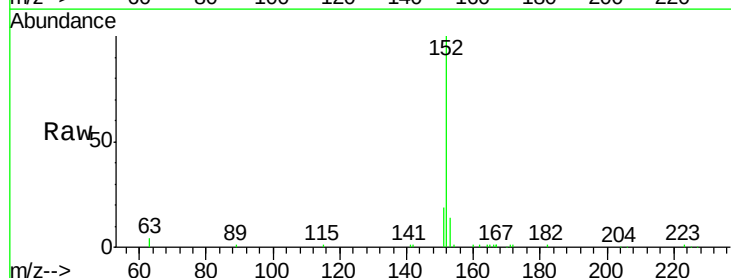
Tgt Ion:152 Resp: 17606

Ion Ratio Lower Upper

152 100

151 19.8 15.4 23.2

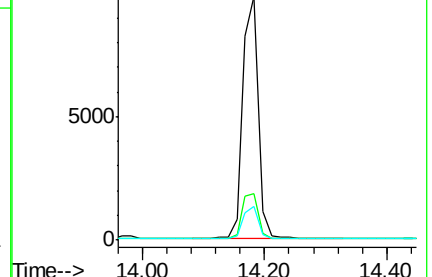
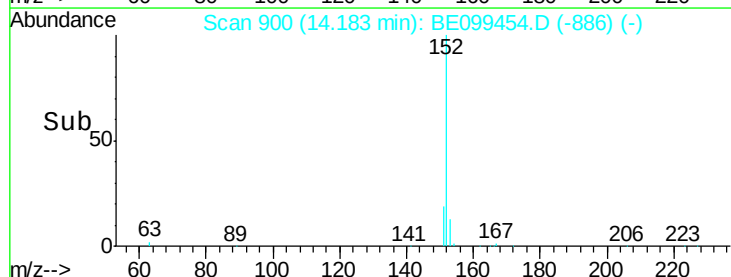
153 13.1 9.8 14.6

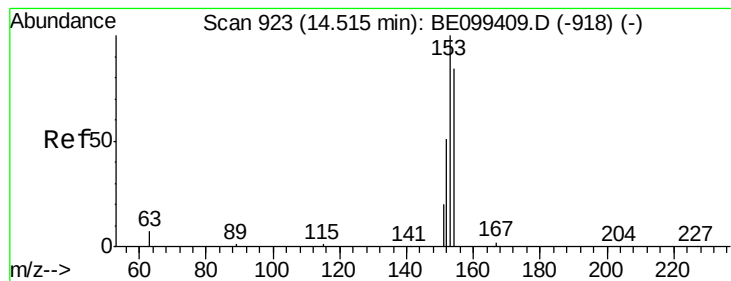


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.409 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

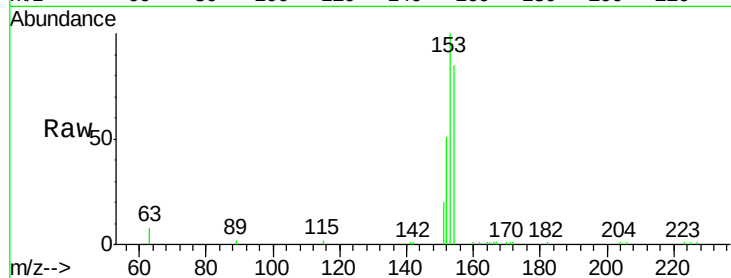
Tot Ion:154 Resp: 10123

Ion Ratio Lower Upper

154 100

153 116.9 92.6 138.8

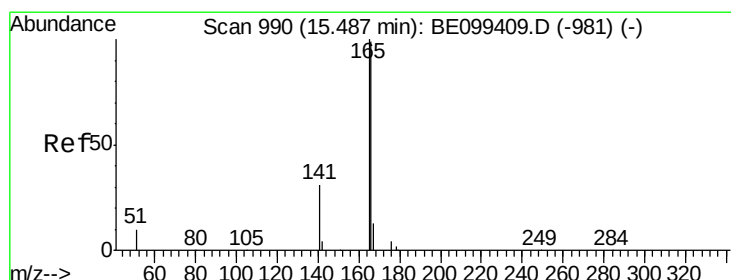
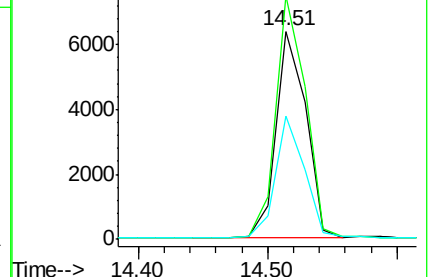
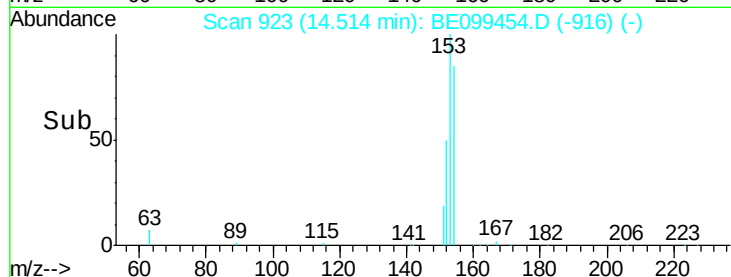
152 56.7 45.8 68.8



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: 0.400 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

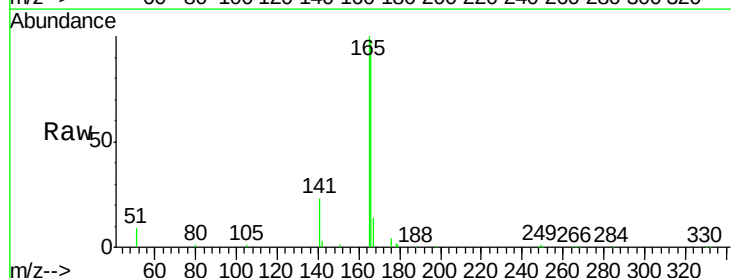
Tgt Ion:166 Resp: 14604

Ion Ratio Lower Upper

166 100

165 101.9 80.3 120.5

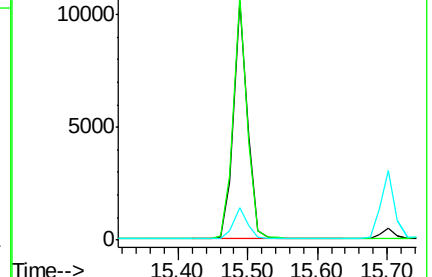
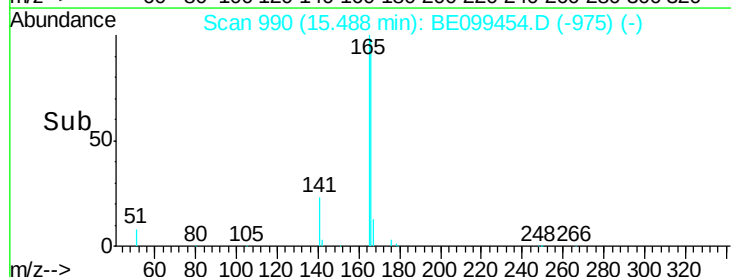
167 13.4 10.7 16.1

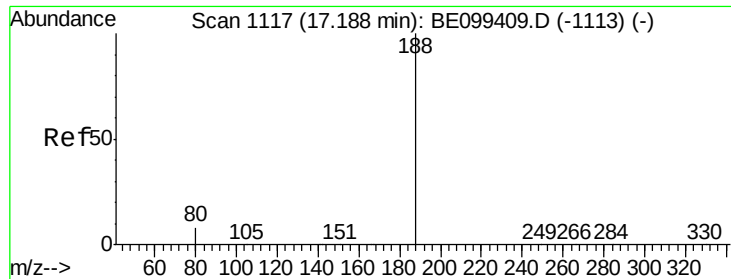


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

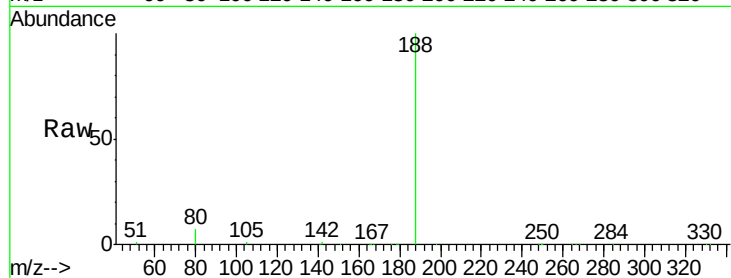
Tot Ion:188 Resp: 25524

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

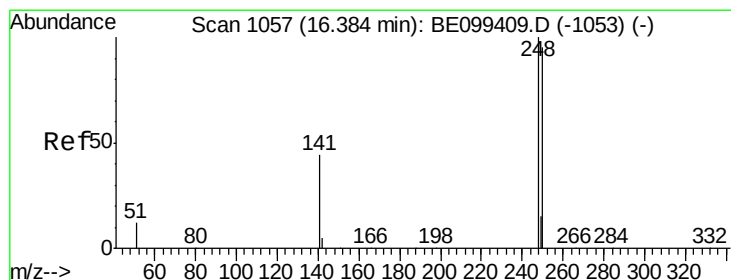
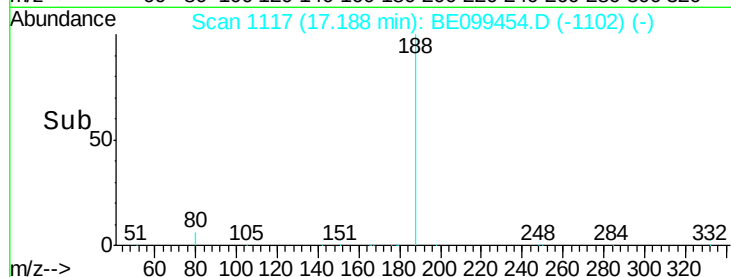
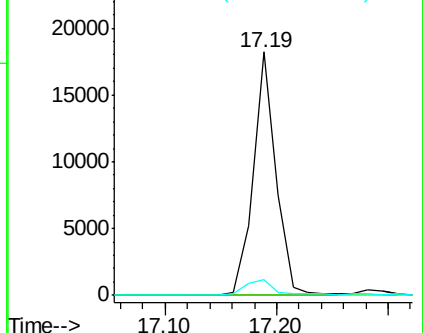
80 6.7 6.7 10.1



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: 0.403 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

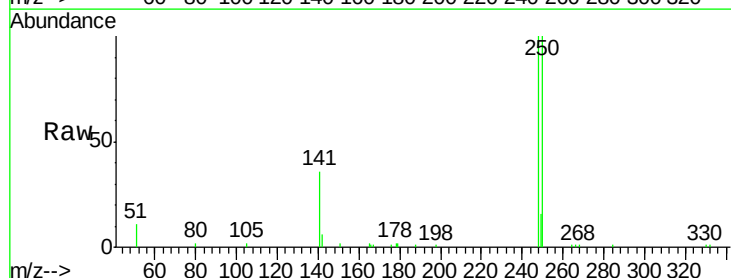
Tgt Ion:248 Resp: 5985

Ion Ratio Lower Upper

248 100

250 99.9 75.8 113.8

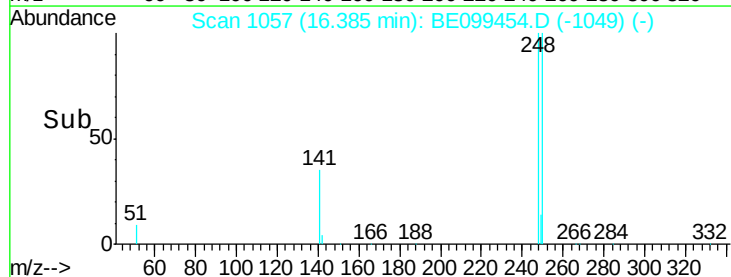
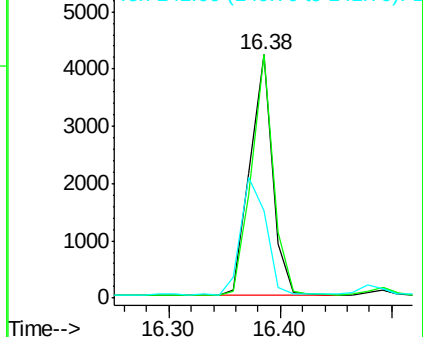
141 35.8 35.7 53.5

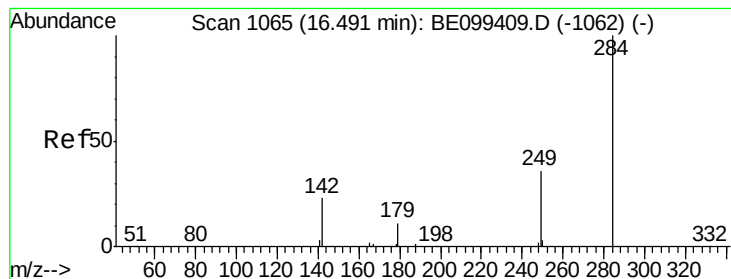


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.421 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

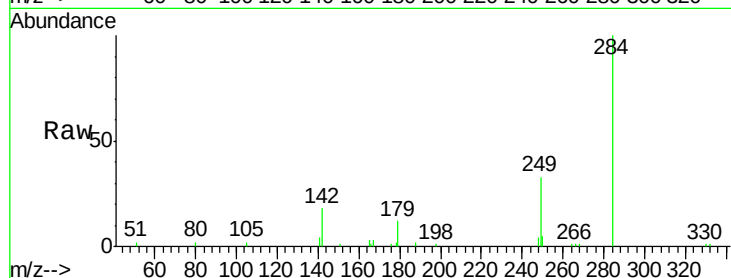
Tot Ion:284 Resp: 5962

Ion Ratio Lower Upper

284 100

142 25.1 21.0 31.6

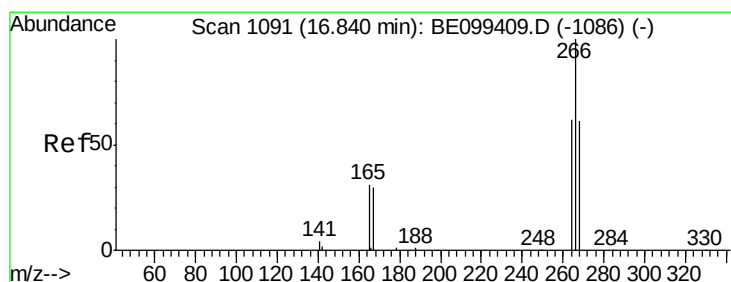
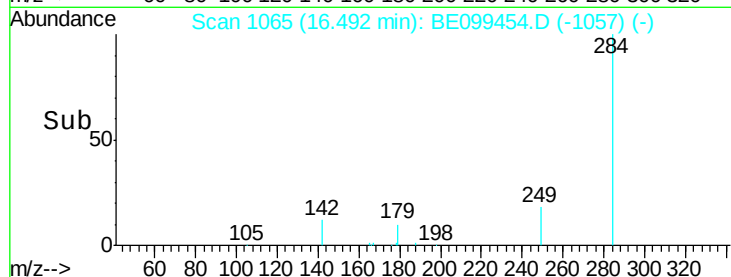
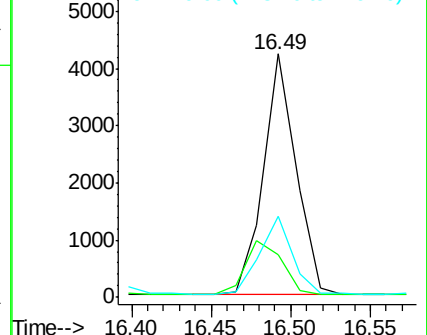
249 31.9 26.7 40.1



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: 0.515 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

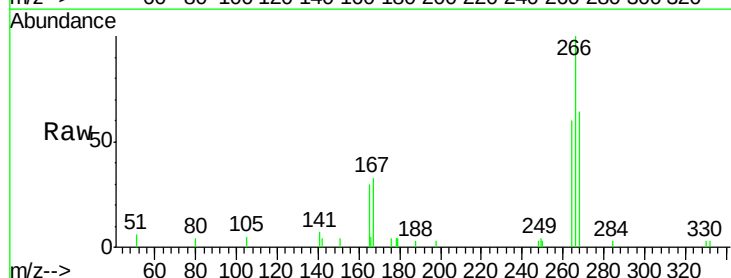
Tgt Ion:266 Resp: 2548

Ion Ratio Lower Upper

266 100

264 60.4 50.8 76.2

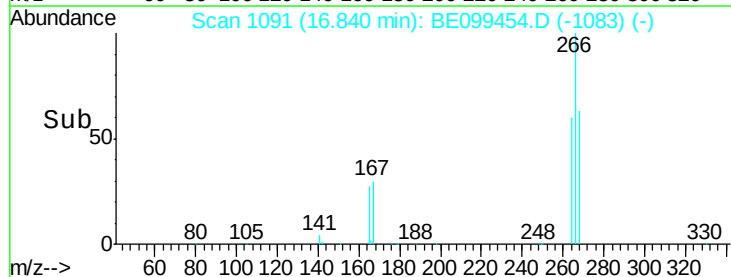
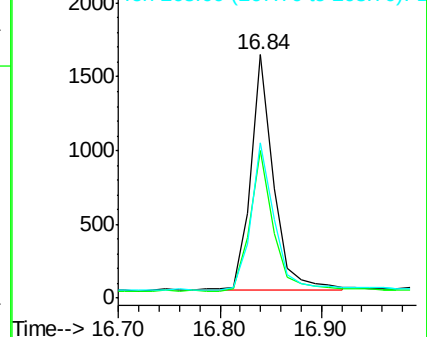
268 63.8 50.5 75.7

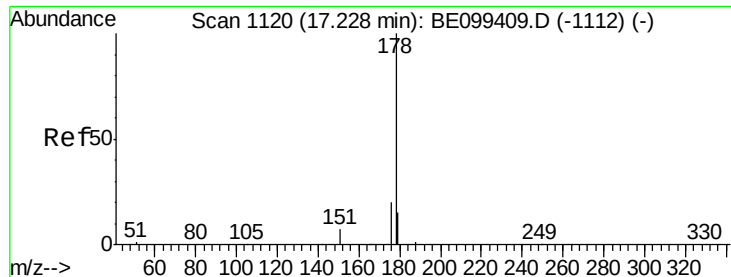


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

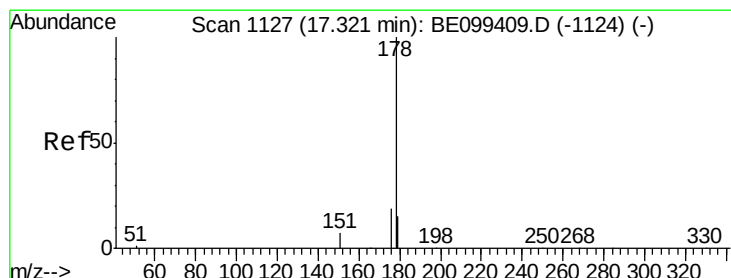
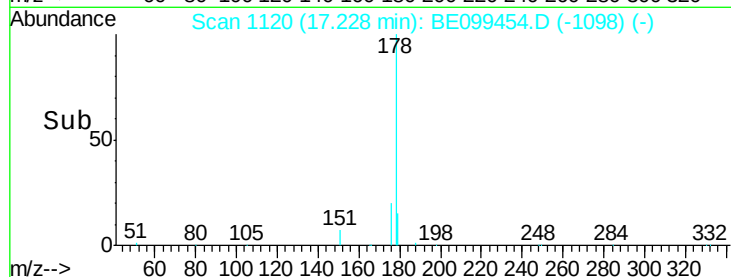
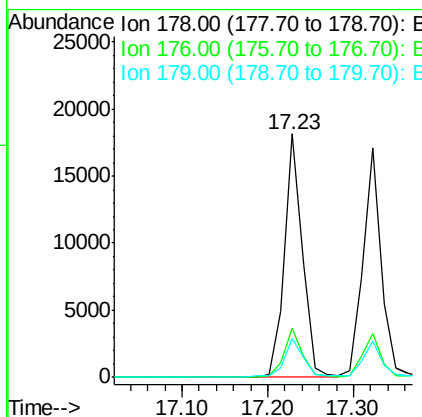
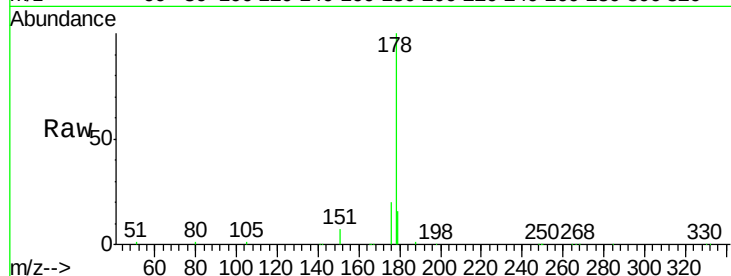




#23
Phenanthrene
Concen: 0.395 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

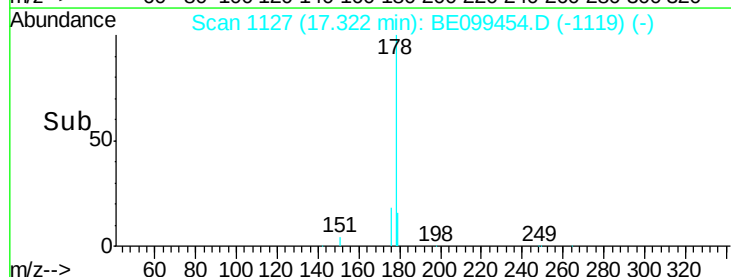
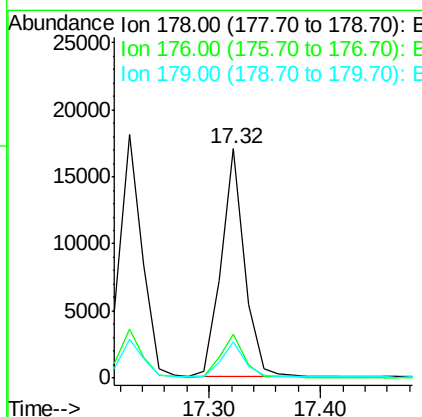
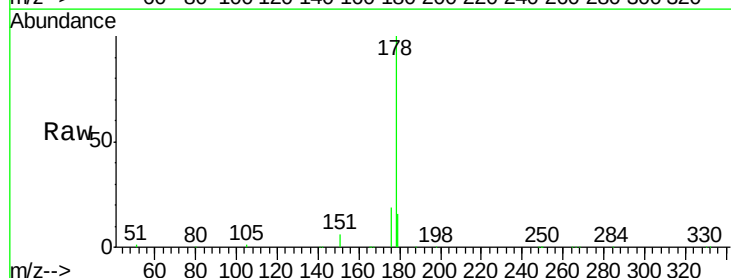
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

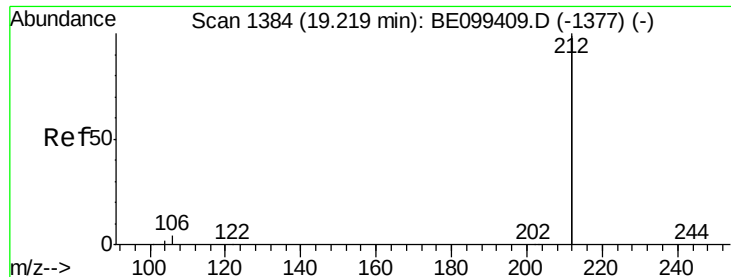
Tot Ion:178 Resp: 26015
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.7 12.0 18.0



#24
Anthracene
Concen: 0.392 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:178 Resp: 24598
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.5 11.9 17.9





#25

Fluoranthene-d10

Concen: 0.362 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

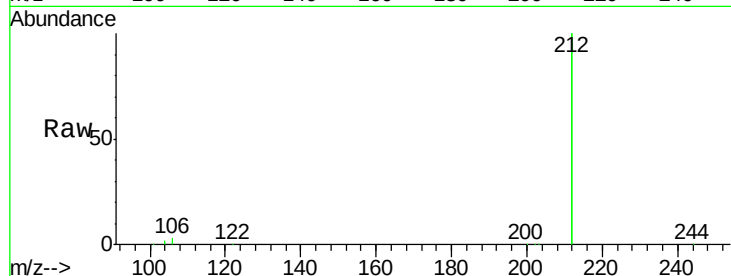
Tot Ion:212 Resp: 124369

Ion Ratio Lower Upper

212 100

106 1.8 1.5 2.3

104 1.0 0.9 1.3



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

120000

100000

80000

60000

40000

20000

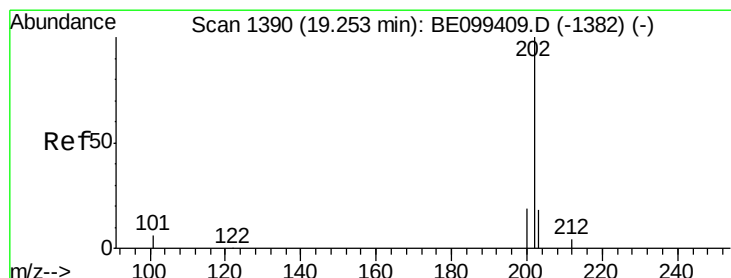
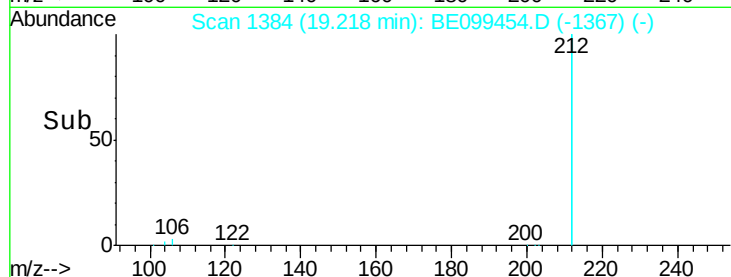
0

19.22

19.20

19.40

Time-->



#26

Fluoranthene

Concen: 0.367 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

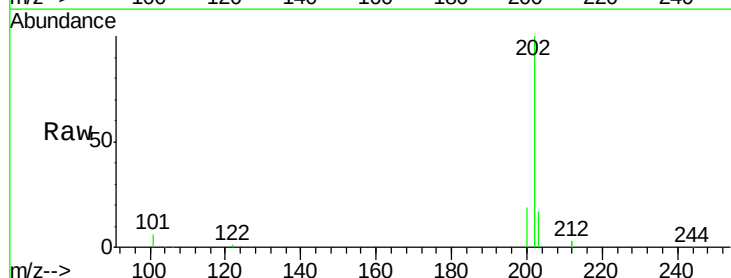
Tgt Ion:202 Resp: 36229

Ion Ratio Lower Upper

202 100

101 6.7 5.4 8.0

203 17.3 13.9 20.9



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

30000

20000

10000

0

19.25

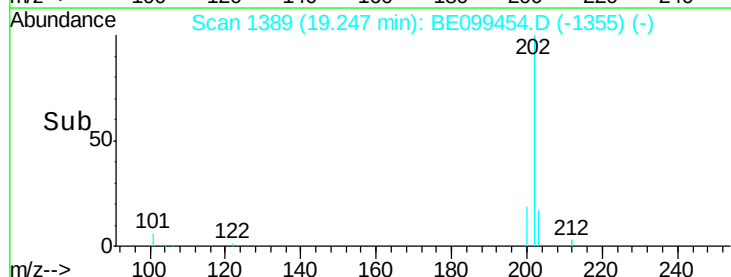
19.10

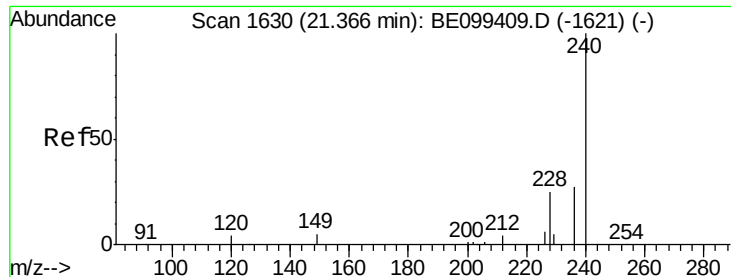
19.20

19.30

19.40

Time-->

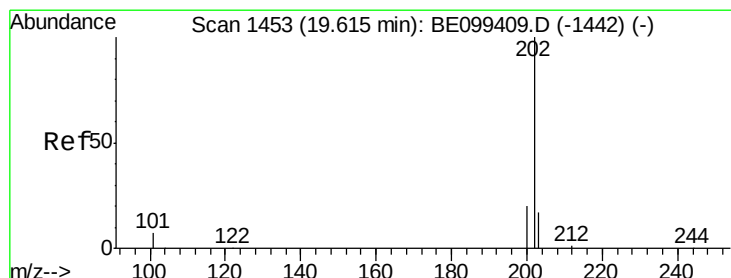
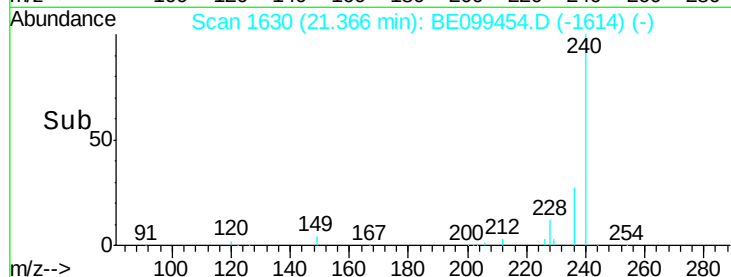
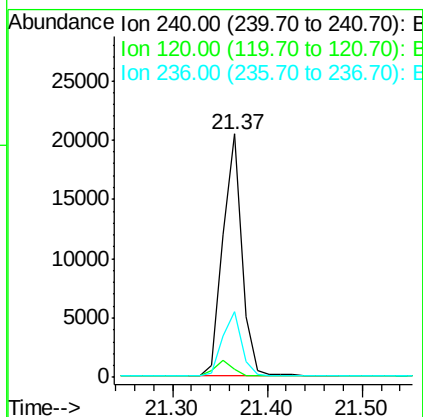
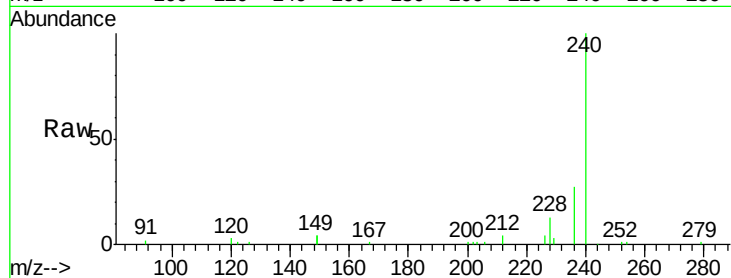




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099454.D
 Acq: 1 May 2019 9:03

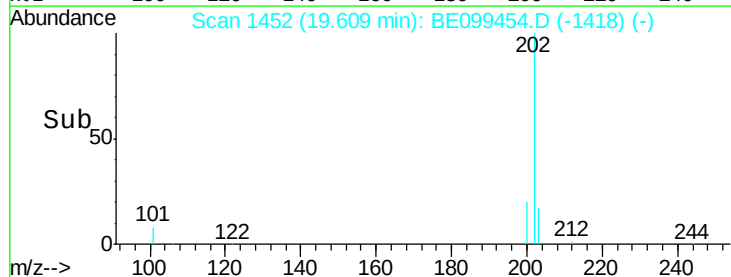
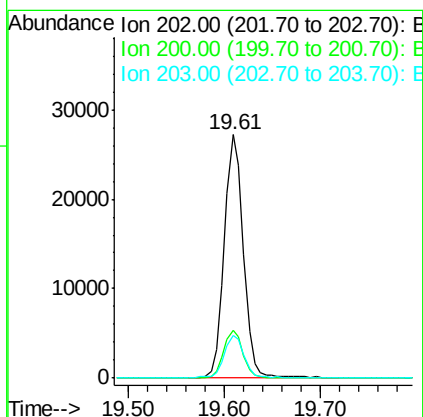
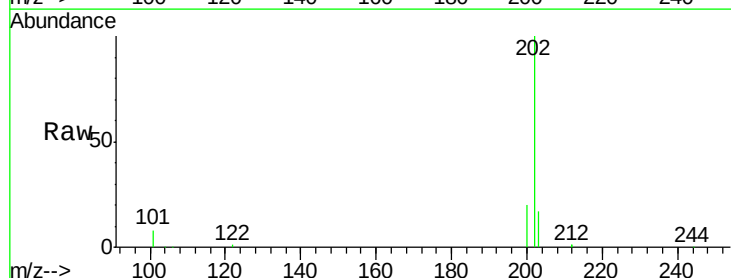
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

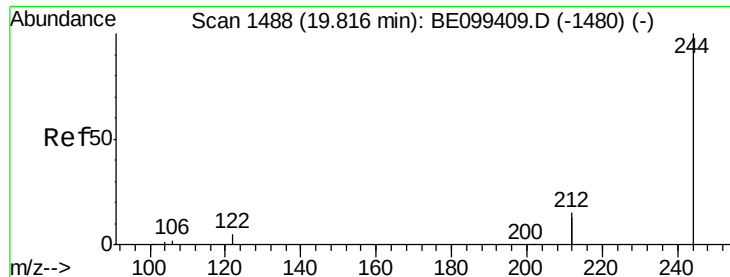
Tot Ion:240 Resp: 28537
 Ion Ratio Lower Upper
 240 100
 120 3.1 4.0 6.0#
 236 27.2 22.0 33.0



#28
 Pyrene
 Concen: 0.500 ng
 RT: 19.61 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BE099454.D
 Acq: 1 May 2019 9:03

Tgt Ion:202 Resp: 37159
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.7 23.5
 203 17.7 13.9 20.9





#29

Terphenyl-d14

Concen: 0.484 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

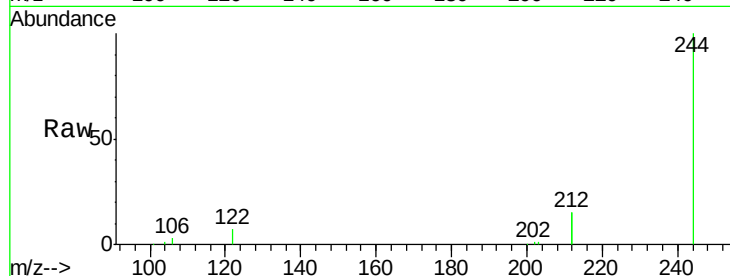
Tot Ion:244 Resp: 25301

Ion Ratio Lower Upper

244 100

212 30.0 23.2 34.8

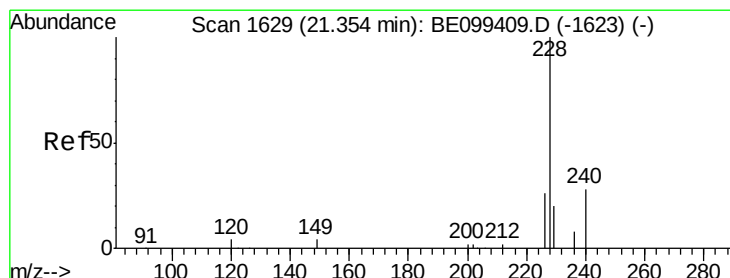
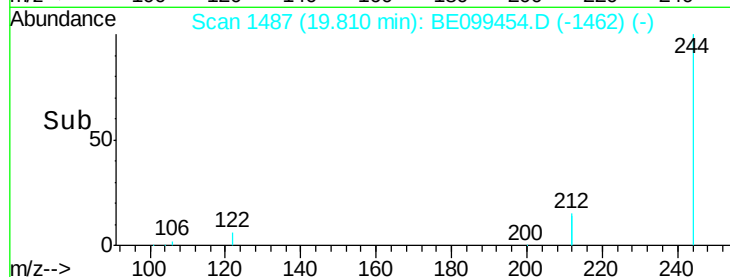
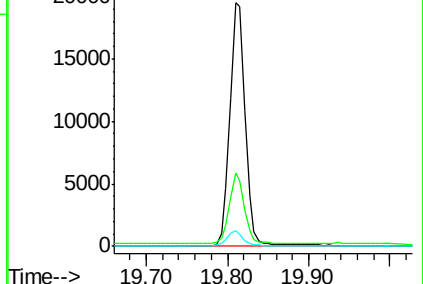
122 6.7 4.2 6.4#



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: 0.461 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

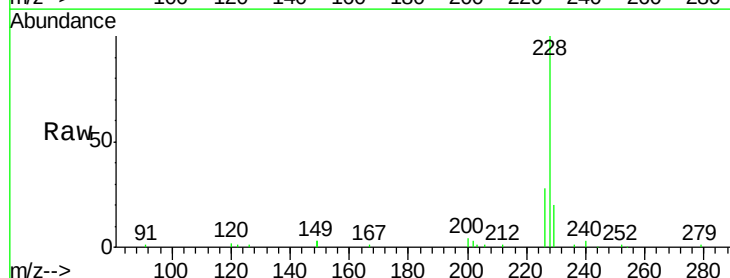
Tgt Ion:228 Resp: 41873

Ion Ratio Lower Upper

228 100

226 28.1 21.0 31.6

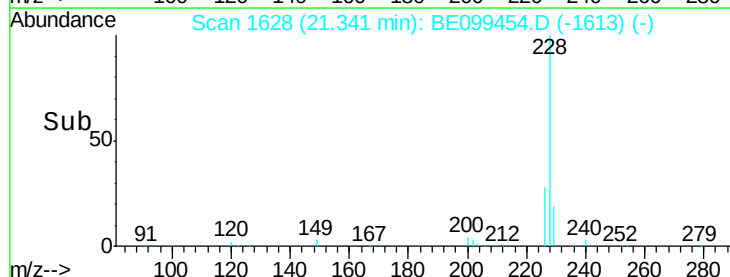
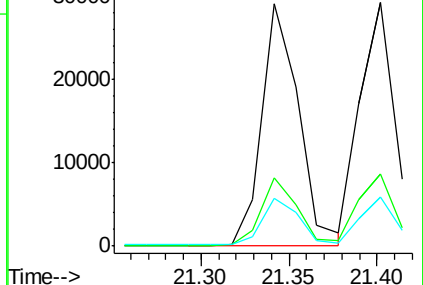
229 19.6 16.6 25.0

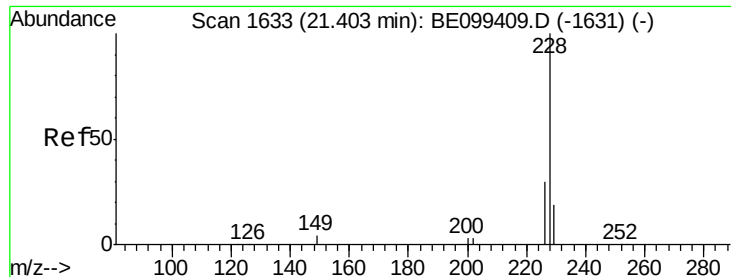


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.450 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

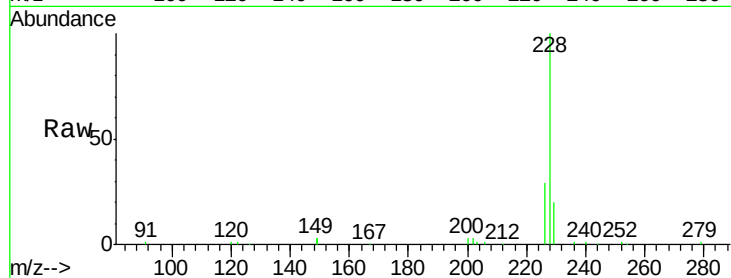
Tot Ion:228 Resp: 40061

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

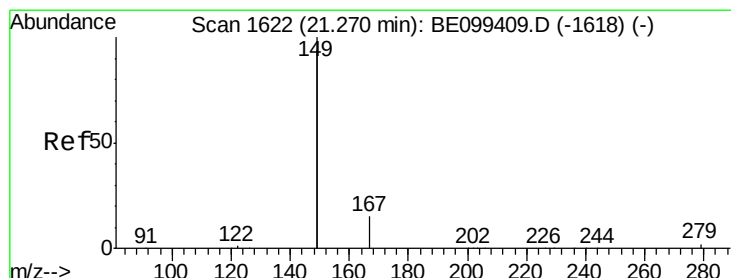
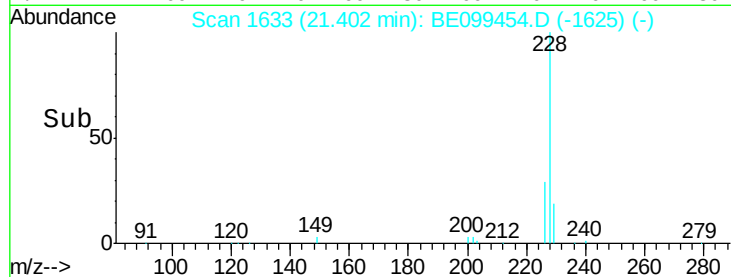
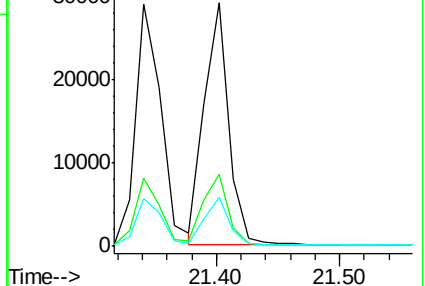
229 19.9 15.8 23.8



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: 0.424 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

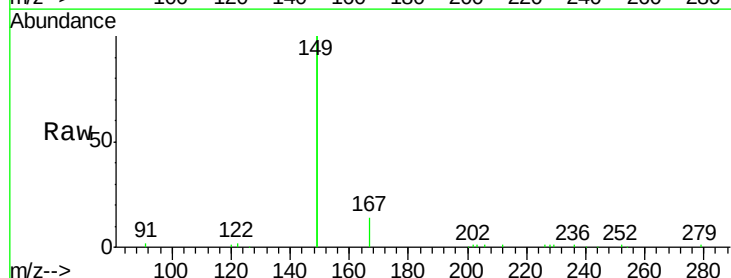
Tgt Ion:149 Resp: 63526

Ion Ratio Lower Upper

149 100

167 7.5 5.8 8.6

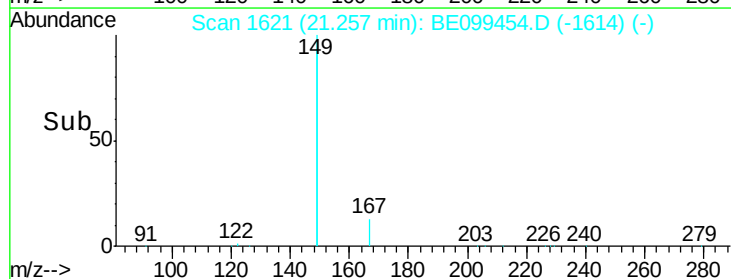
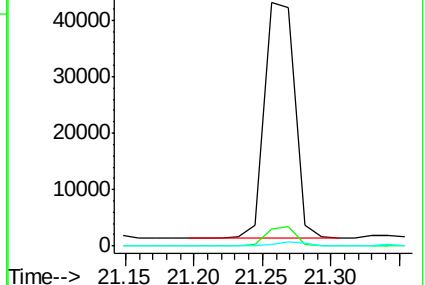
279 1.5 1.0 1.6

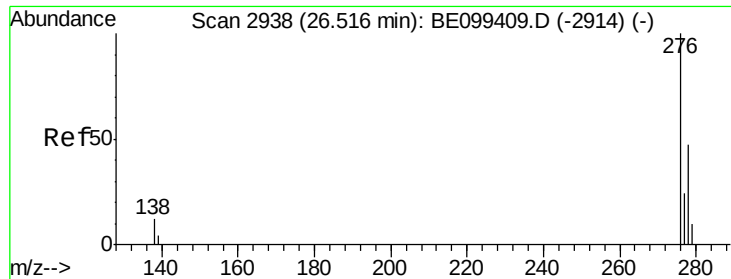


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

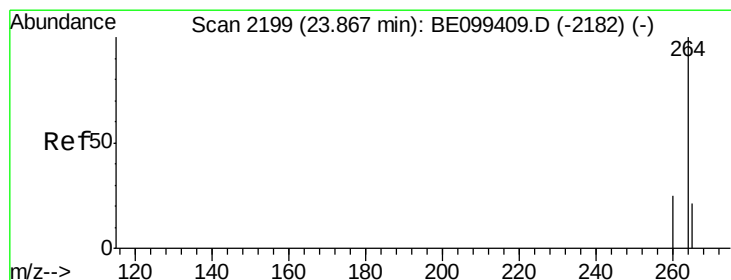
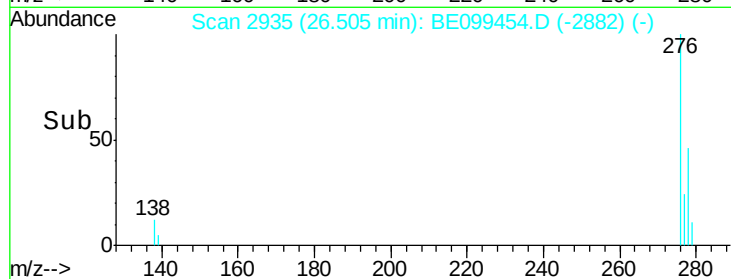
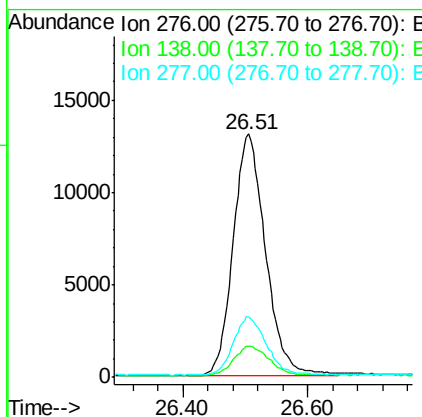
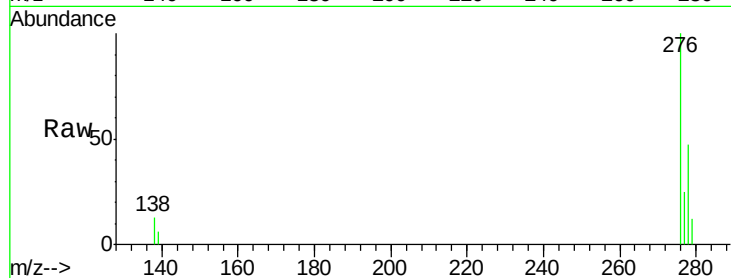




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.449 ng
 RT: 26.51 min Scan# 2935
 Delta R.T. -0.01 min
 Lab File: BE099454.D
 Acq: 1 May 2019 9:03

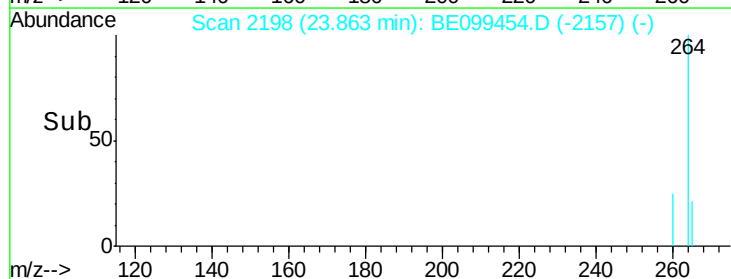
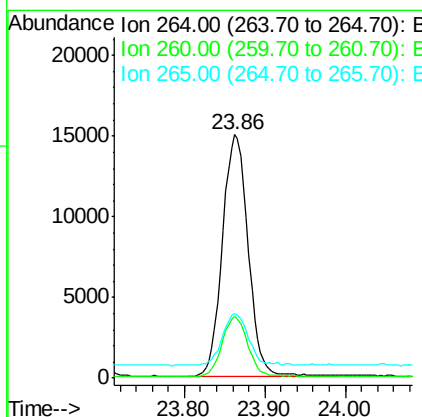
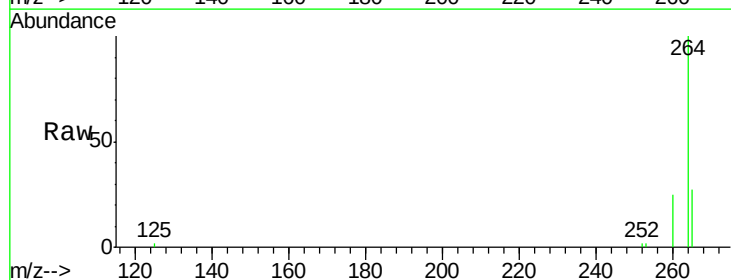
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

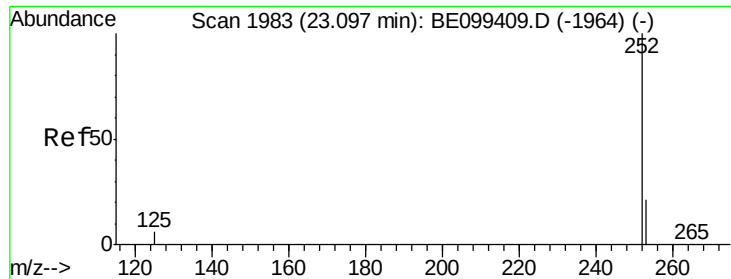
Tot Ion:276 Resp: 47248
 Ion Ratio Lower Upper
 276 100
 138 12.9 10.2 15.2
 277 24.4 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BE099454.D
 Acq: 1 May 2019 9:03

Tgt Ion:264 Resp: 33185
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.2
 265 26.7 21.3 31.9





#35

Benzo(b)fluoranthene

Concen: 0.397 ng

RT: 23.14 min Scan# 1996

Delta R.T. 0.05 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

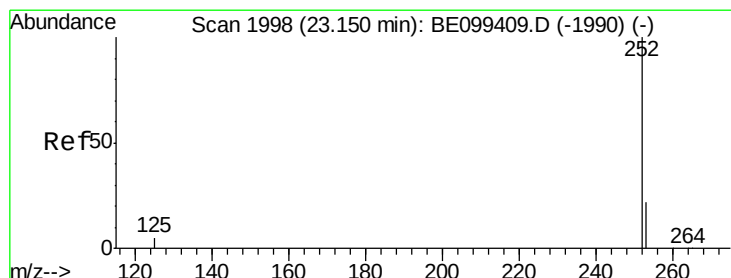
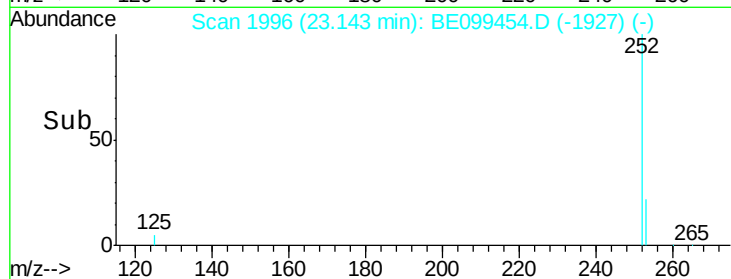
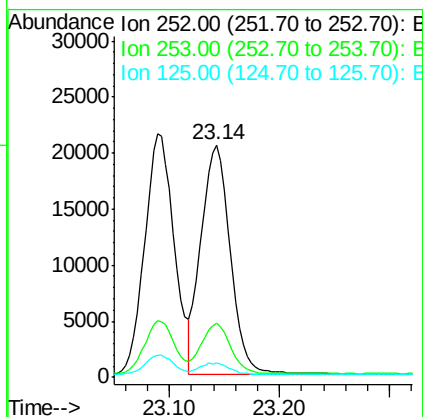
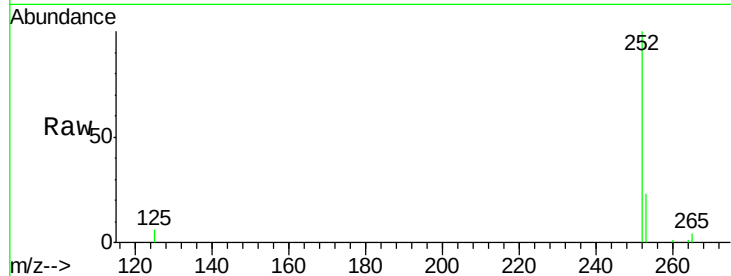
Tot Ion:252 Resp: 37952

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

125 6.3 5.6 8.4



#36

Benzo(k)fluoranthene

Concen: 0.411 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

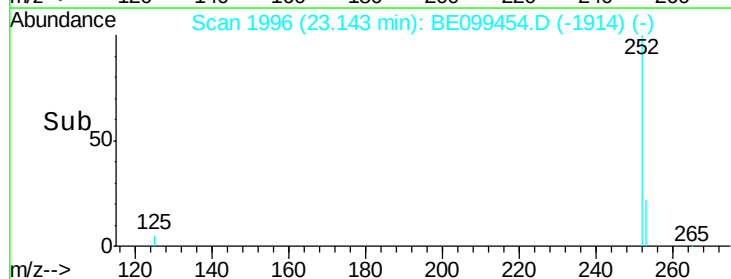
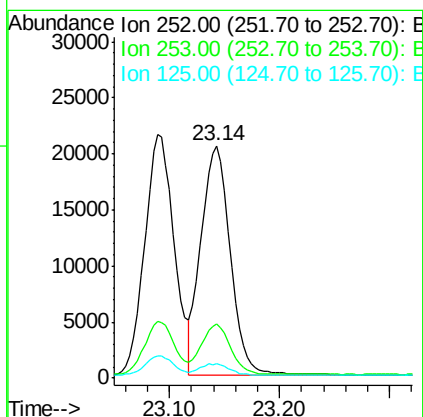
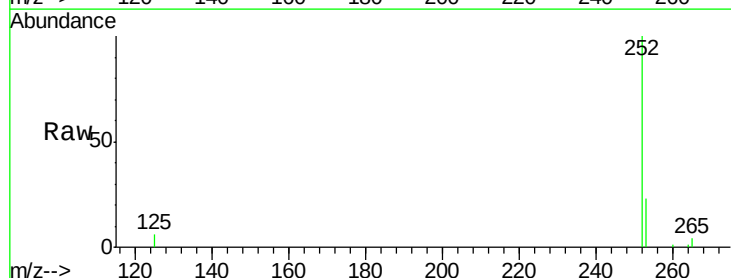
Tgt Ion:252 Resp: 37952

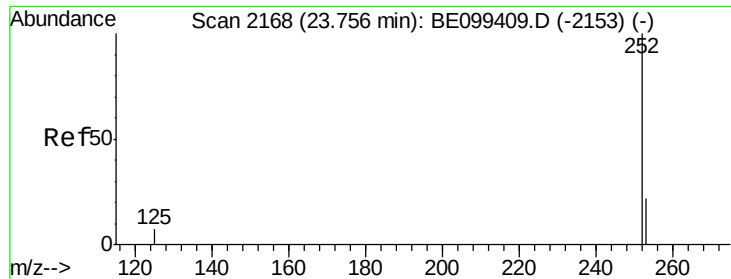
Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

125 6.3 5.0 7.4

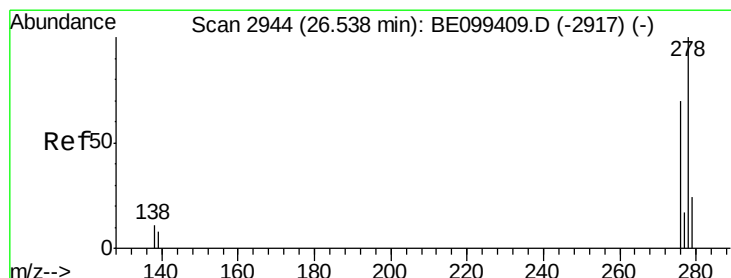
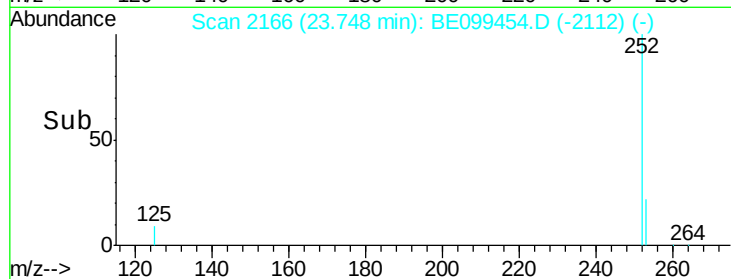
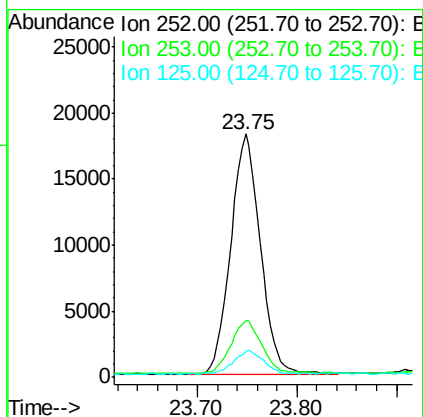
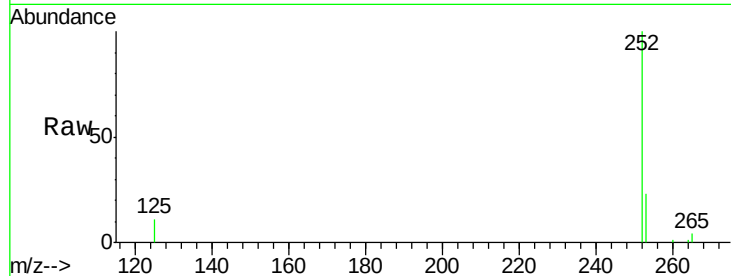




#37
Benzo(a)pyrene
Concen: 0.419 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

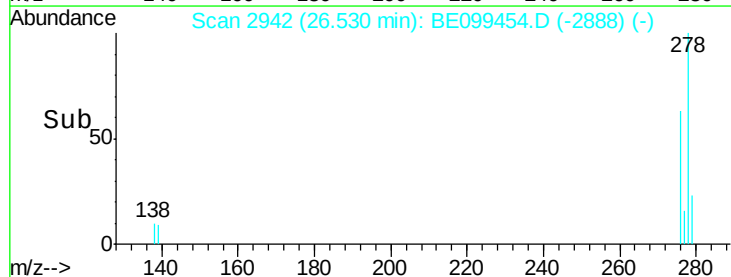
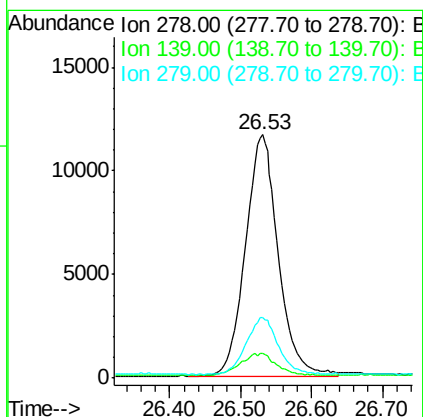
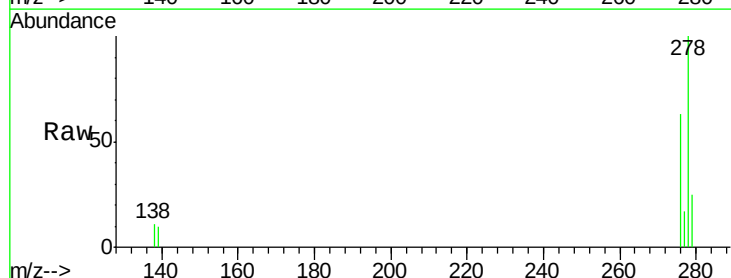
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

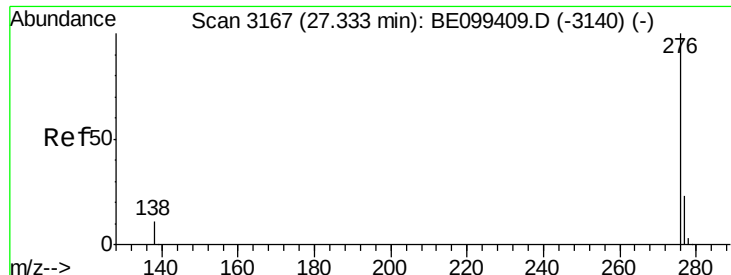
Tot Ion:252 Resp: 37906
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 10.7 6.7 10.1#



#38
Dibenzo(a,h)anthracene
Concen: 0.411 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:278 Resp: 38056
Ion Ratio Lower Upper
278 100
139 10.2 7.7 11.5
279 24.6 20.2 30.2





#39

Benzo(a,h,i)perylene

Concen: 0.417 ng

RT: 27.32 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BE099454.D

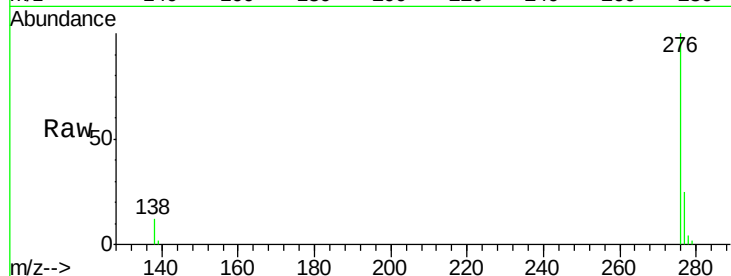
Acq: 1 May 2019 9:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



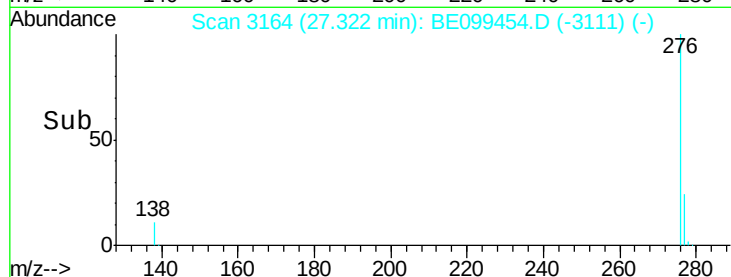
Tot Ion: 276 Resp: 38663

Ion Ratio Lower Upper

276 100

277 25.0 19.5 29.3

138 11.6 9.6 14.4



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

