

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE040519\
 Data File : BE099307.D
 Acq On : 5 Apr 2019 14:04
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 05 15:01:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 05 14:55:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3821	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	13839	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	9407	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	27641	0.40	ng	0.00
27) Chrysene-d12	21.35	240	39464	0.40	ng	-0.01
34) Perylene-d12	23.86	264	40968	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	4008	0.39	ng	0.00
5) Phenol-d6	6.97	99	5441	0.39	ng	0.00
8) Nitrobenzene-d5	8.96	82	4356	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	10074	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1694	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	16073	0.43	ng	0.00
25) Fluoranthene-d10	19.22	212	150086	0.41	ng	0.00
29) Terphenyl-d14	19.82	244	31855	0.44	ng	0.00

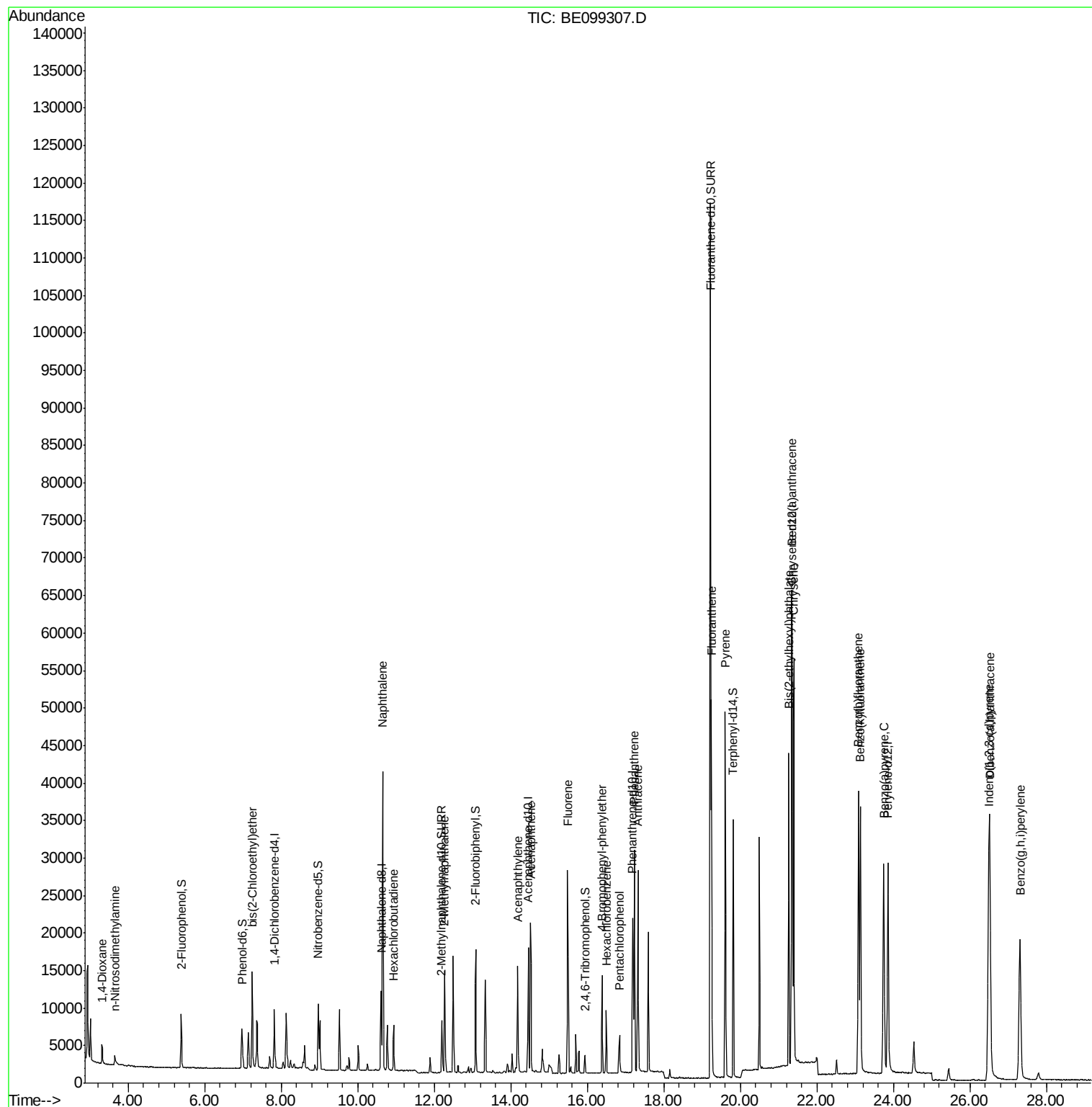
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	2108	0.405	ng	93
3) n-Nitrosodimethylamine	3.65	42	1176	0.383	ng	# 85
6) bis(2-Chloroethyl)ether	7.24	93	4939	0.395	ng	99
9) Naphthalene	10.65	128	64472	0.428	ng	99
10) Hexachlorobutadiene	10.94	225	4296	0.439	ng	100
12) 2-Methylnaphthalene	12.27	142	10976	0.429	ng	94
16) Acenaphthylene	14.18	152	17960	0.403	ng	99
17) Acenaphthene	14.51	154	10725	0.408	ng	98
18) Fluorene	15.49	166	15639	0.412	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	6709	0.428	ng	94
21) Hexachlorobenzene	16.49	284	6468	0.433	ng	99
22) Pentachlorophenol	16.84	266	2932	0.473	ng	96
23) Phenanthrene	17.23	178	30983	0.433	ng	100
24) Anthracene	17.32	178	26841	0.398	ng	99
26) Fluoranthene	19.25	202	44349	0.420	ng	100
28) Pyrene	19.61	202	45054	0.432	ng	100
30) Benzo(a)anthracene	21.34	228	48726	0.392	ng	99
31) Chrysene	21.40	228	52881	0.434	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	46277	0.292	ng	99
33) Indeno(1,2,3-cd)pyrene	26.49	276	58595	0.421	ng	99
35) Benzo(b)fluoranthene	23.09	252	51859	0.424	ng	99
36) Benzo(k)fluoranthene	23.14	252	51778	0.435	ng	99
37) Benzo(a)pyrene	23.74	252	46695	0.406	ng	100
38) Dibenzo(a,h)anthracene	26.52	278	48730	0.426	ng	100
39) Benzo(g,h,i)perylene	27.31	276	47679	0.419	ng	99

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

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QLast Update : Fri Apr 05 14:55:44 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: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

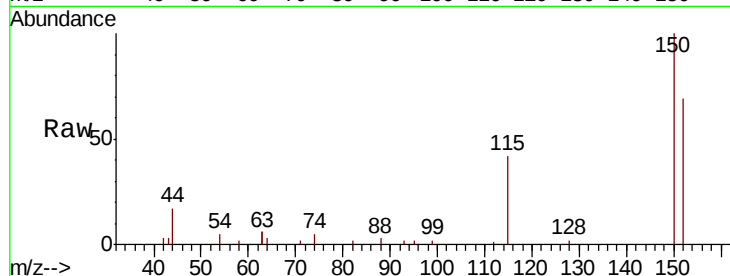
Tot Ion:152 Resp: 3821

Ion Ratio Lower Upper

152 100

150 144.9 120.2 180.2

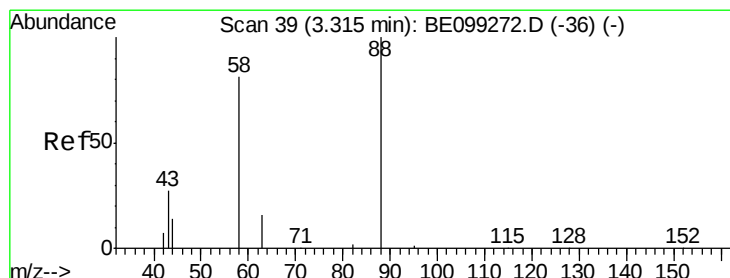
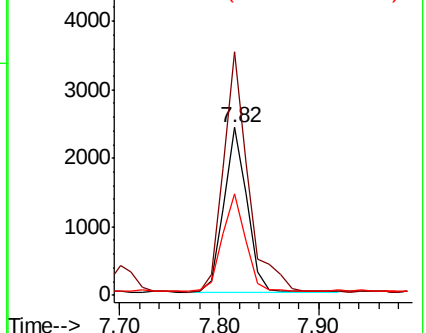
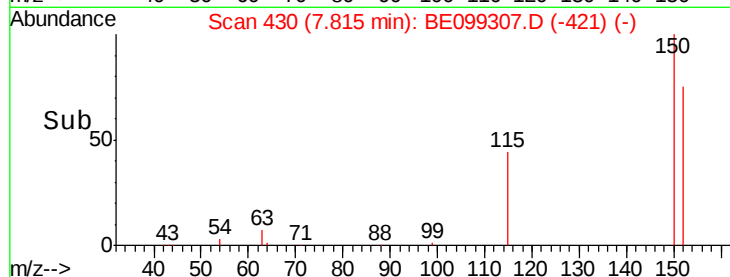
115 60.5 50.2 75.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.405 ng

RT: 3.32 min Scan# 40

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

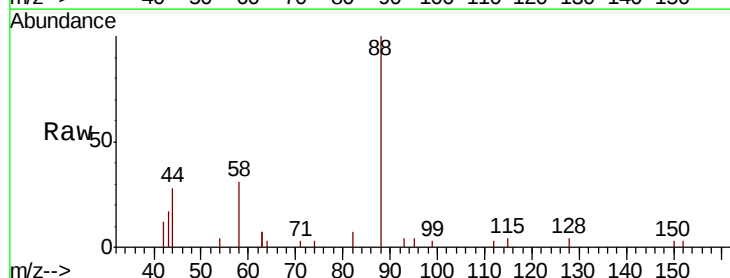
Tgt Ion: 88 Resp: 2108

Ion Ratio Lower Upper

88 100

58 61.6 43.8 65.8

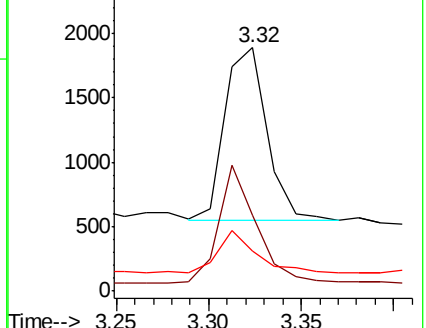
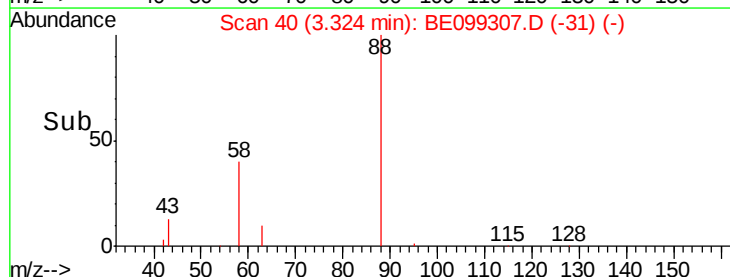
43 23.6 18.6 28.0

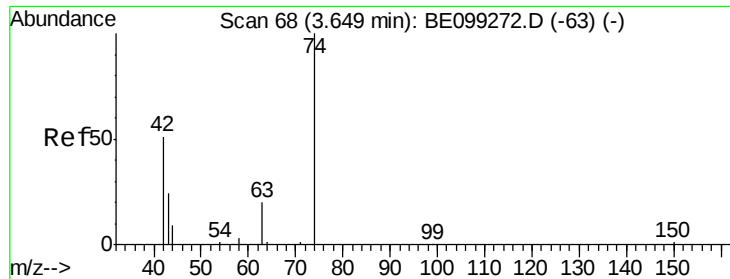


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.383 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

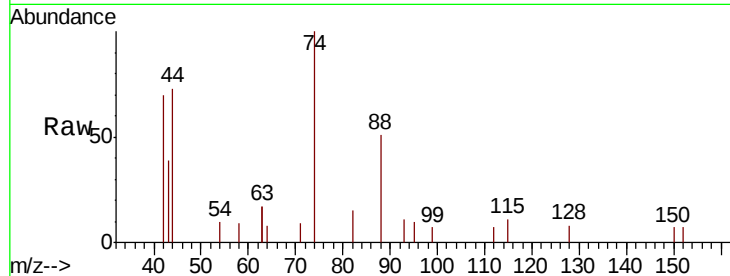
Tot Ion: 42 Resp: 1176

Ion Ratio Lower Upper

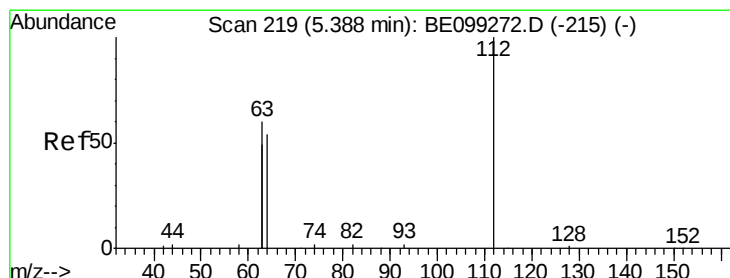
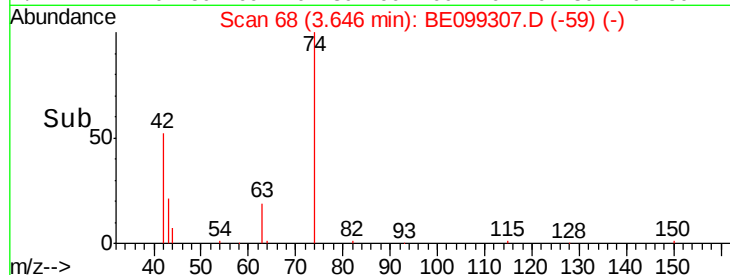
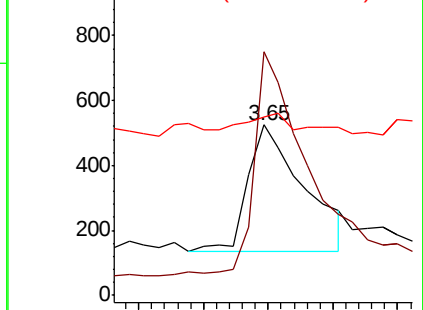
42 100

74 157.9 142.6 214.0

44 11.1 4.1 6.1#



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: 0.395 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

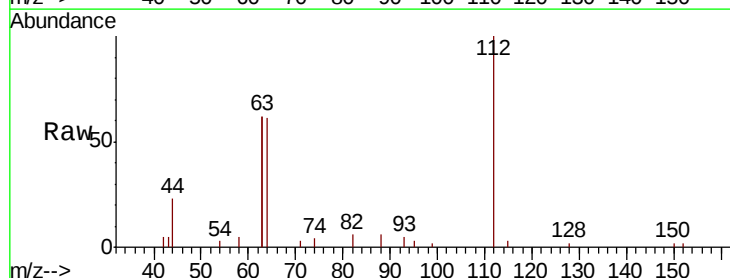
Tgt Ion: 112 Resp: 4008

Ion Ratio Lower Upper

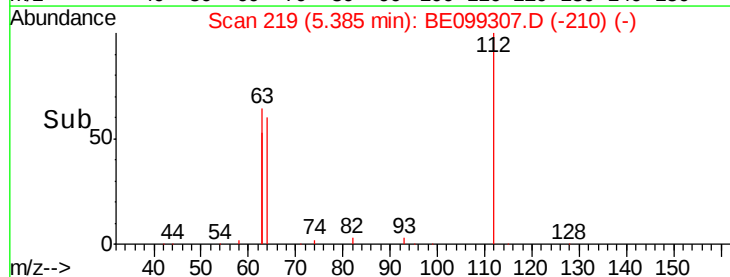
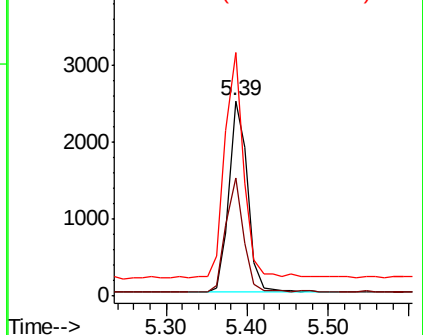
112 100

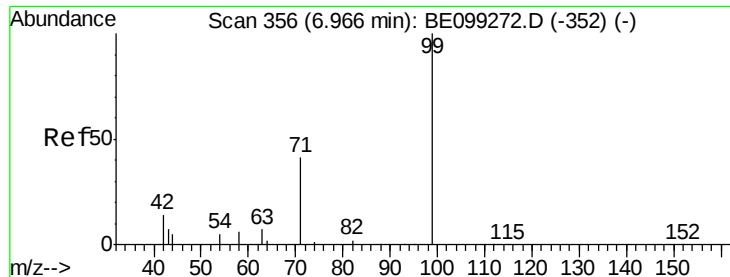
64 55.9 44.8 67.2

63 120.3 94.8 142.2



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: 0.390 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

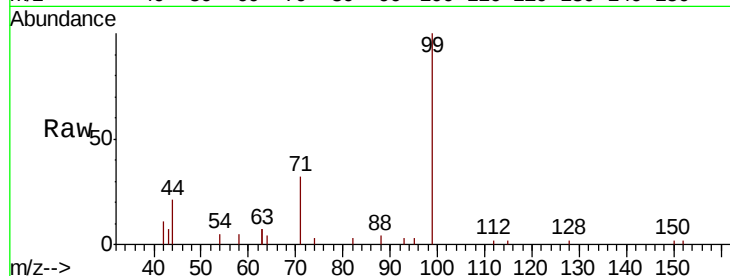
Tot Ion: 99 Resp: 5441

Ion Ratio Lower Upper

99 100

42 16.4 12.4 18.6

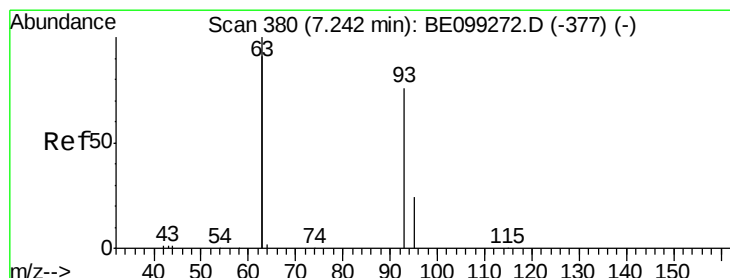
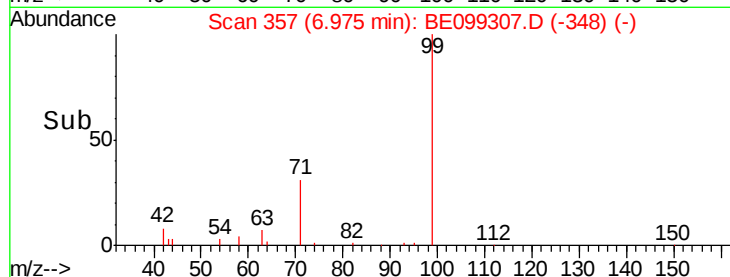
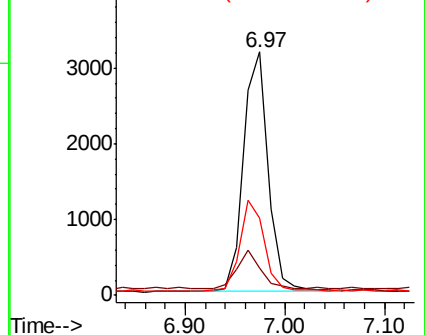
71 38.7 30.0 45.0



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: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

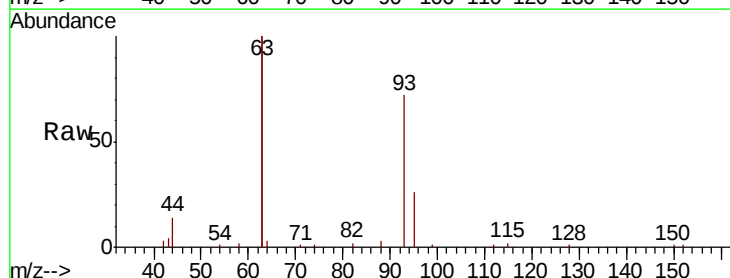
Tgt Ion: 93 Resp: 4939

Ion Ratio Lower Upper

93 100

63 277.5 222.6 334.0

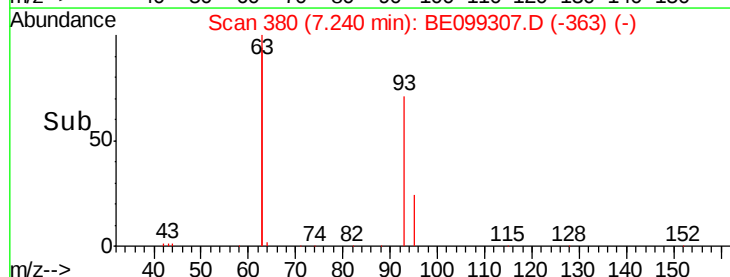
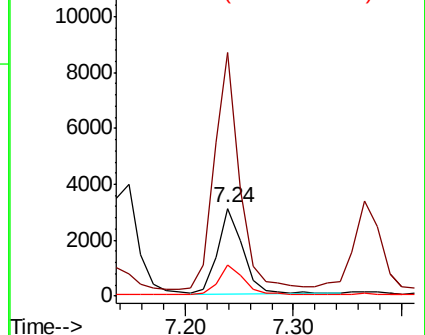
95 33.7 26.0 39.0

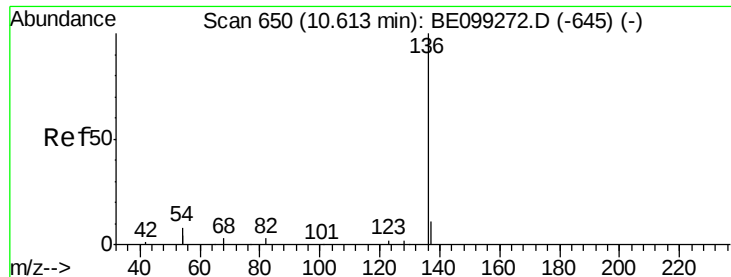


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 13839

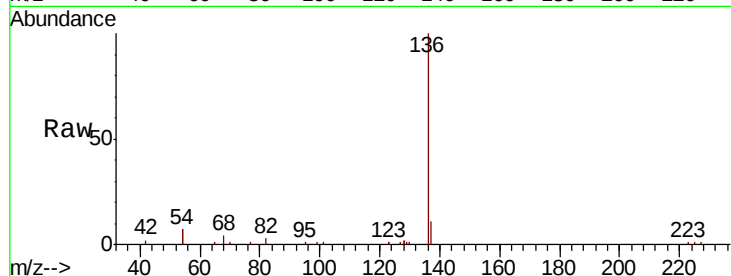
Ion Ratio Lower Upper

136 100

137 11.3 8.3 12.5

54 14.4 10.8 16.2

68 4.4 3.2 4.8

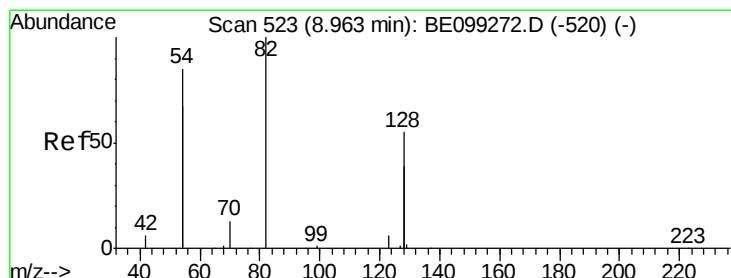
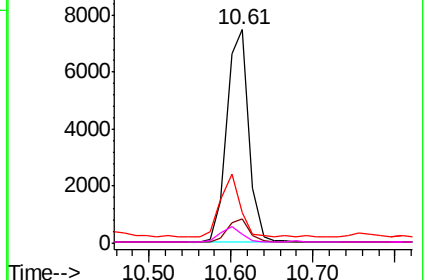
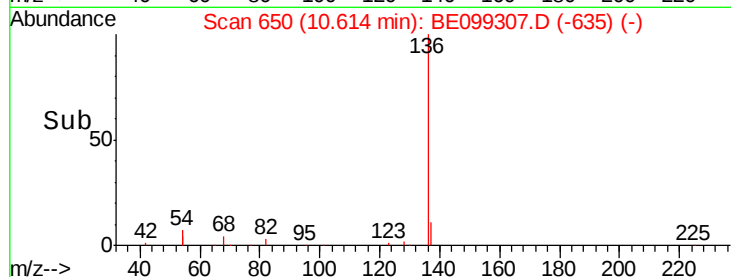


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.458 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

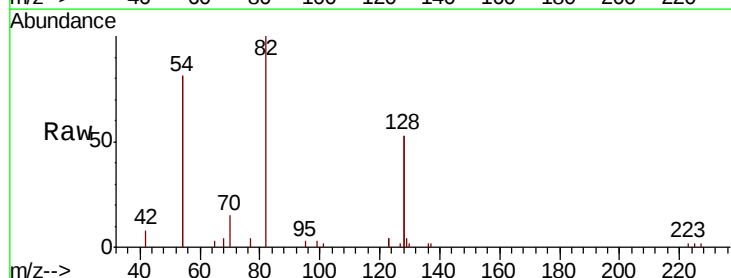
Tgt Ion: 82 Resp: 4356

Ion Ratio Lower Upper

82 100

128 105.7 90.1 135.1

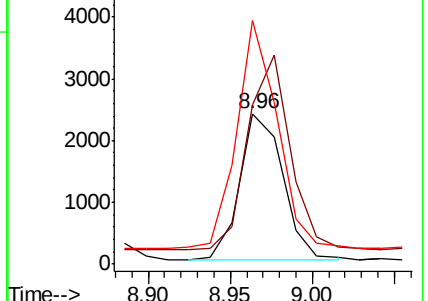
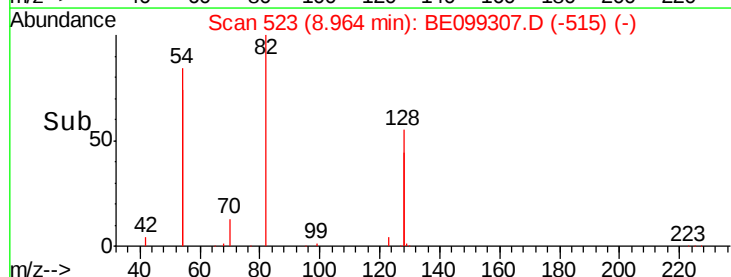
54 161.7 123.6 185.4

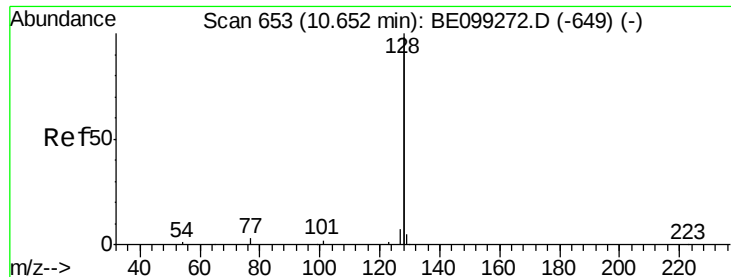


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.428 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

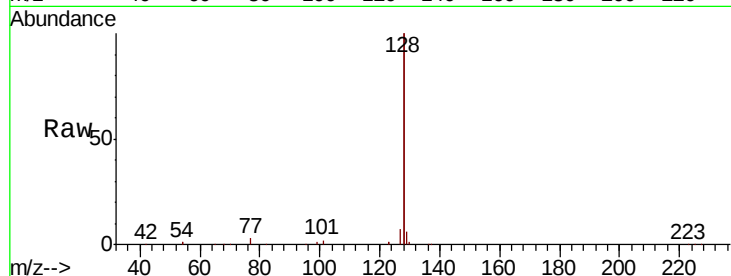
Tot Ion:128 Resp: 64472

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

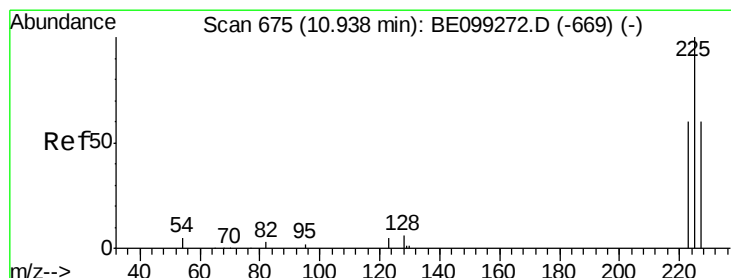
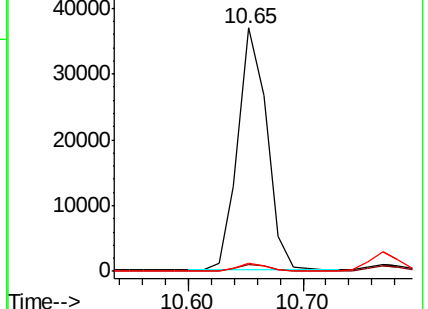
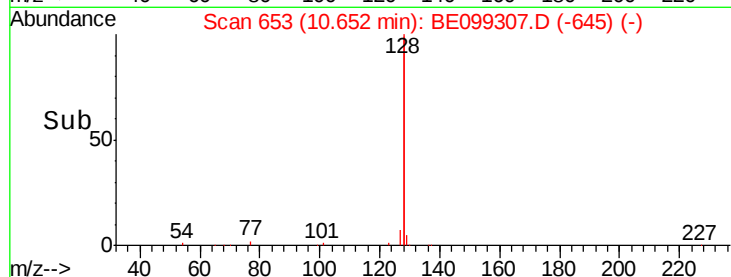
127 3.4 2.9 4.3



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: 0.439 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

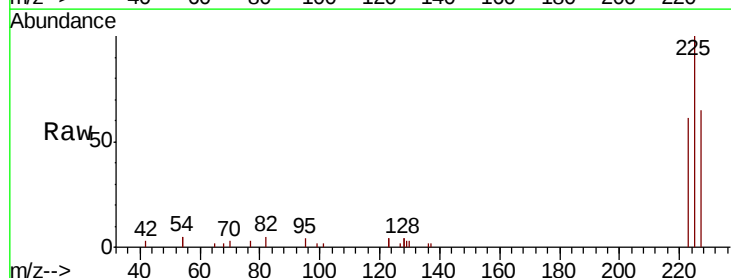
Tgt Ion:225 Resp: 4296

Ion Ratio Lower Upper

225 100

223 62.0 49.7 74.5

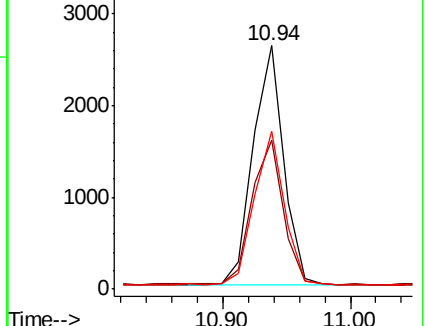
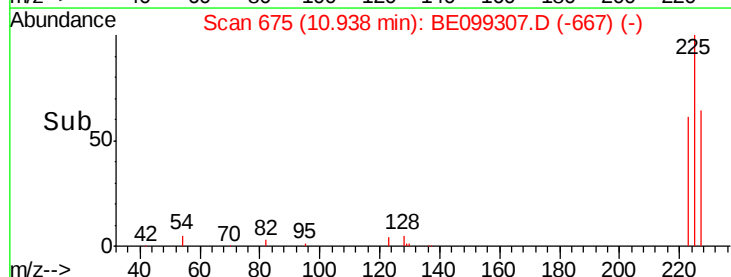
227 63.8 50.9 76.3

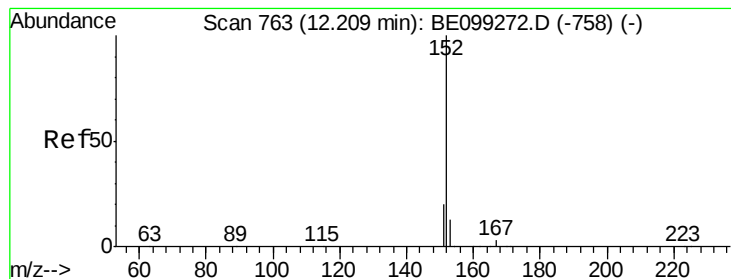


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.417 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

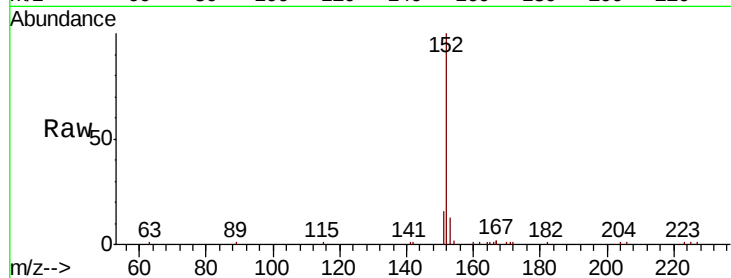
SSTDCCC0.4EC

Tot Ion:152 Resp: 10074

Ion Ratio Lower Upper

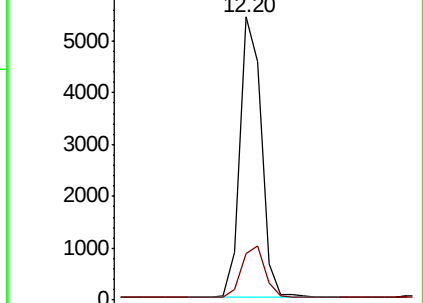
152 100

151 20.3 15.1 22.7

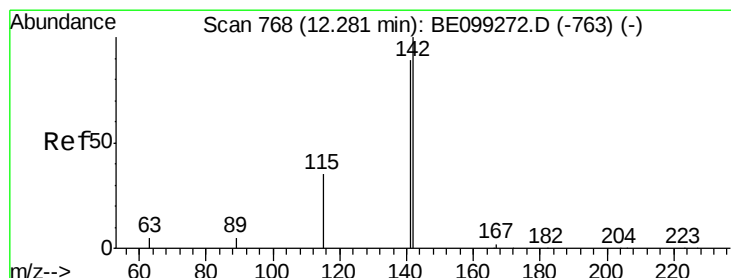
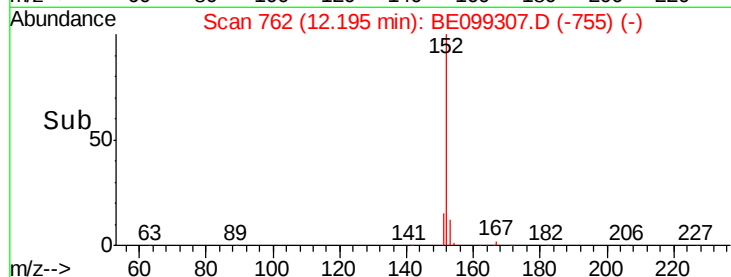


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#12

2-Methylnaphthalene

Concen: 0.429 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.01 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

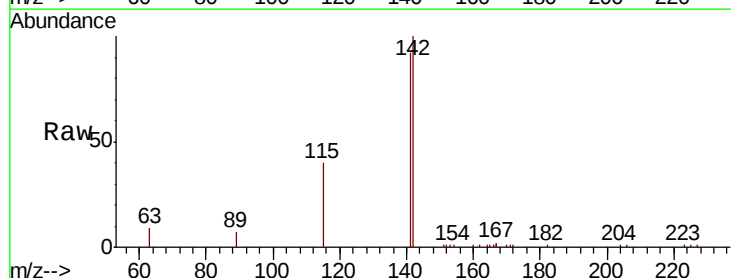
Tgt Ion:142 Resp: 10976

Ion Ratio Lower Upper

142 100

141 91.7 69.3 103.9

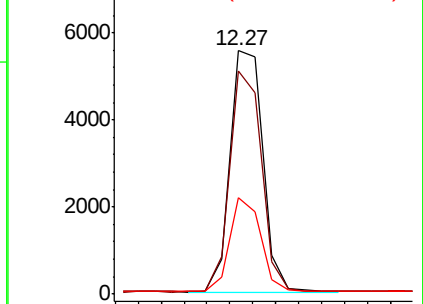
115 39.7 29.1 43.7



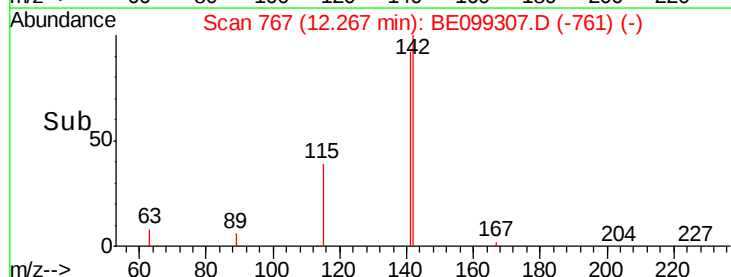
Abundance Ion 142.00 (141.70 to 142.70): E

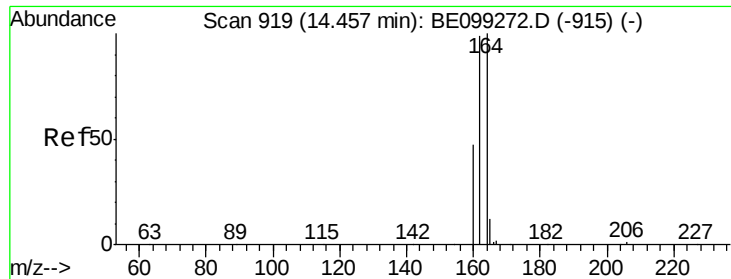
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->

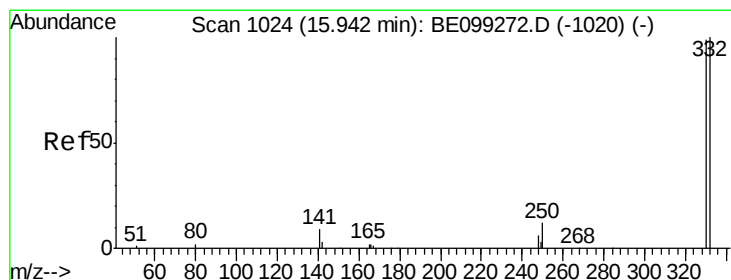
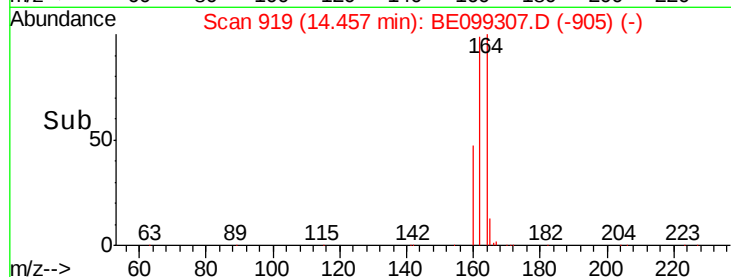
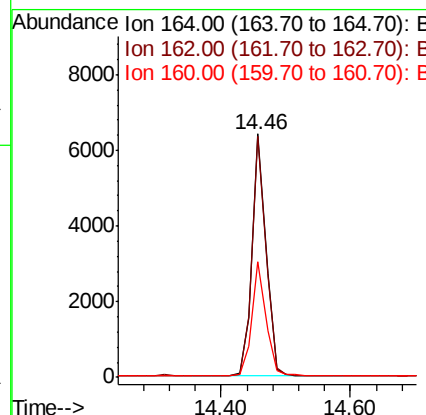
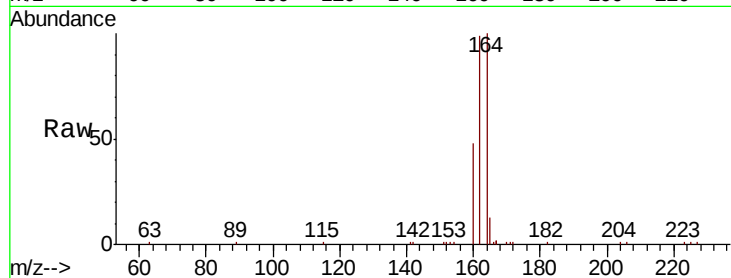




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099307.D
Acq: 5 Apr 2019 14:04

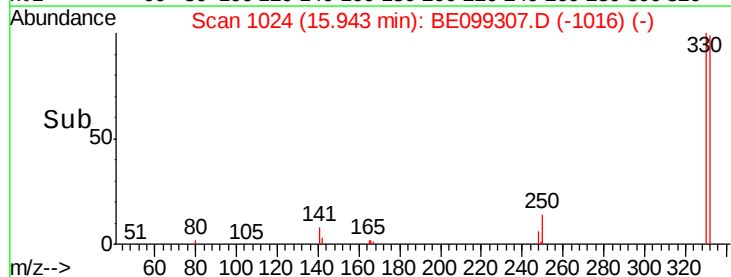
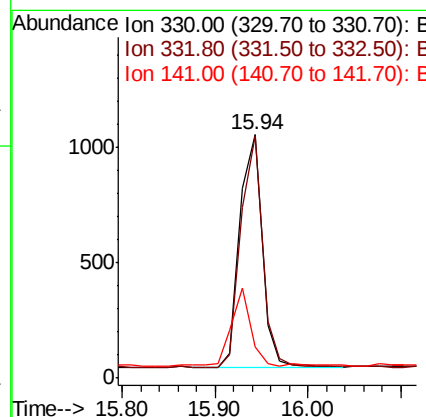
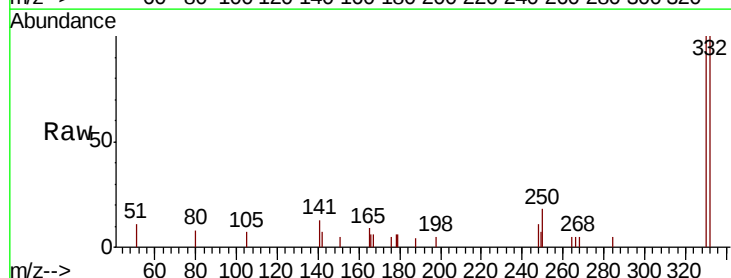
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

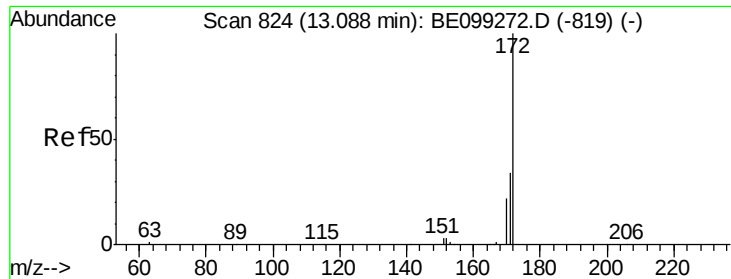
Tot Ion:164 Resp: 9407
Ion Ratio Lower Upper
164 100
162 98.9 78.7 118.1
160 47.5 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099307.D
Acq: 5 Apr 2019 14:04

Tgt Ion:330 Resp: 1694
Ion Ratio Lower Upper
330 100
332 98.6 82.0 123.0
141 27.9 25.4 38.2

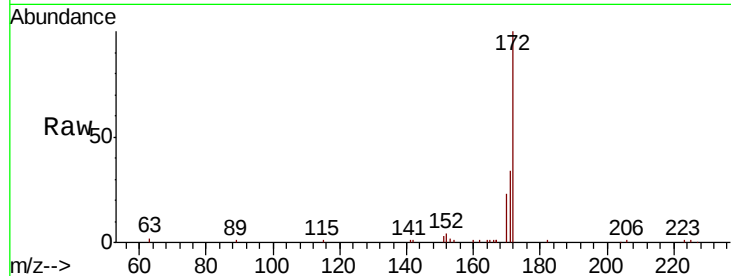




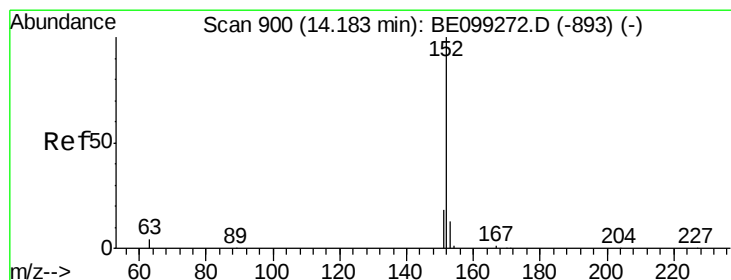
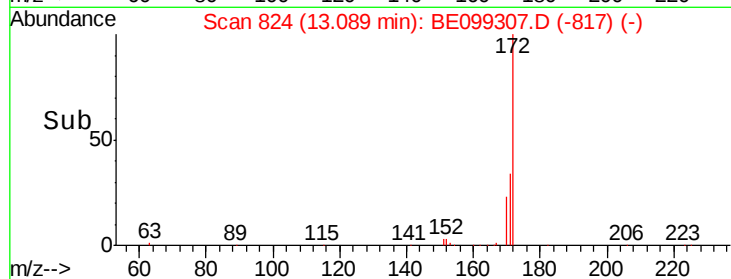
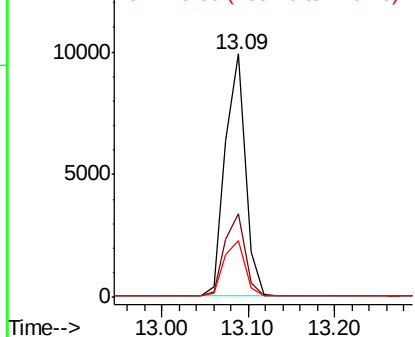
#15
2-Fluorobiphenyl
Concen: 0.435 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099307.D
Acq: 5 Apr 2019 14:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 16073
Ion Ratio Lower Upper
172 100
171 34.3 27.0 40.4
170 23.4 17.8 26.6

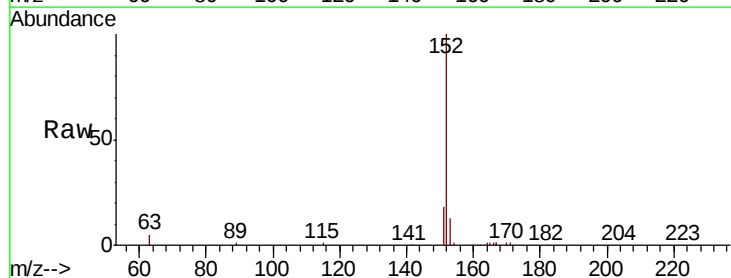


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

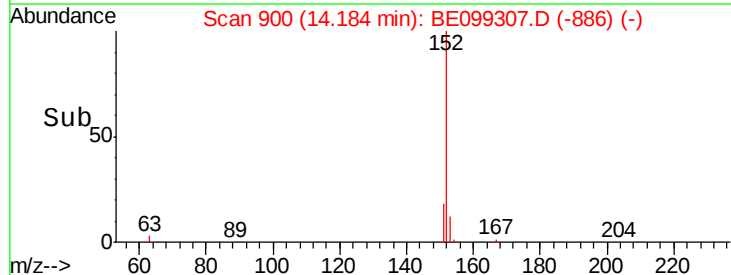
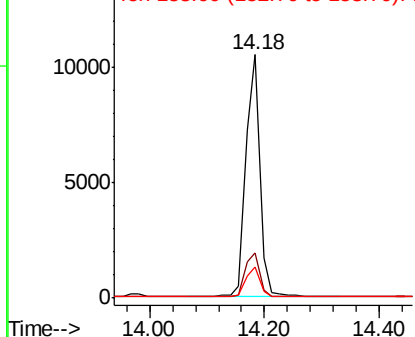


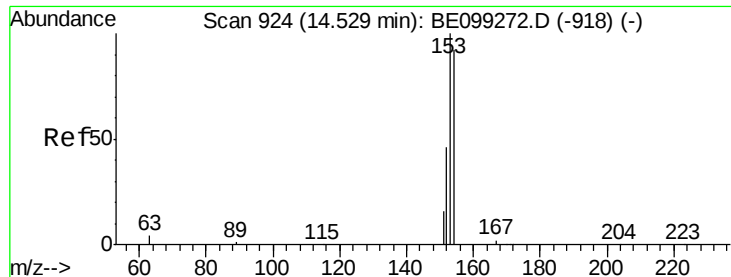
#16
Acenaphthylene
Concen: 0.403 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099307.D
Acq: 5 Apr 2019 14:04

Tgt Ion:152 Resp: 17960
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9
153 13.0 10.8 16.2



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: 0.408 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

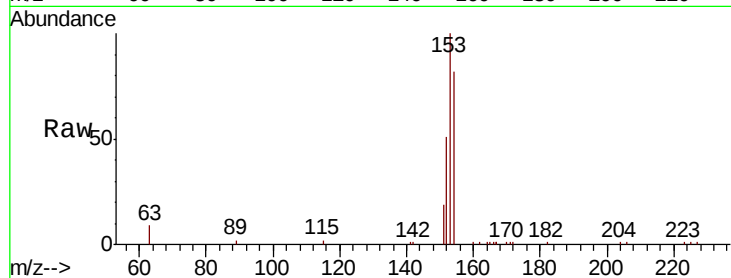
Tot Ion:154 Resp: 10725

Ion Ratio Lower Upper

154 100

153 118.2 93.3 139.9

152 58.2 45.6 68.4

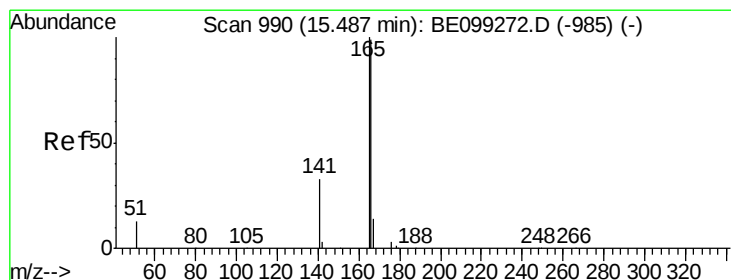
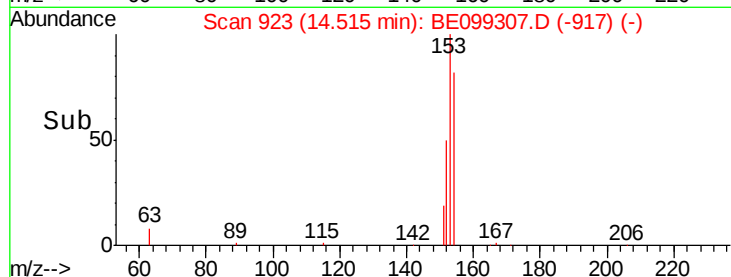
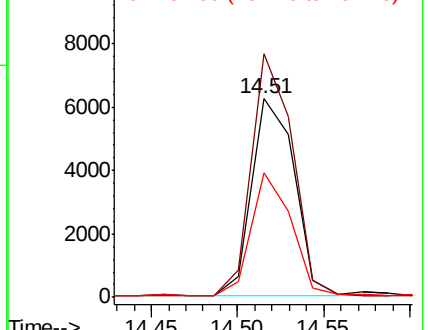


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.412 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

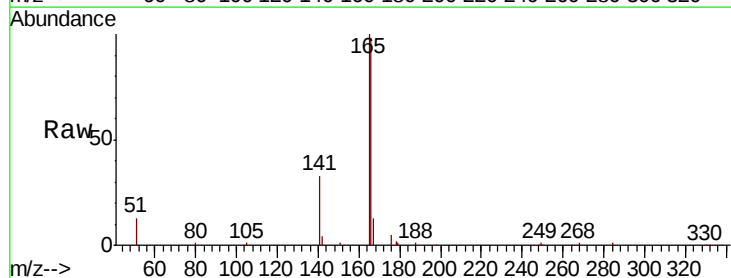
Tgt Ion:166 Resp: 15639

Ion Ratio Lower Upper

166 100

165 99.9 80.6 120.8

167 13.5 10.7 16.1

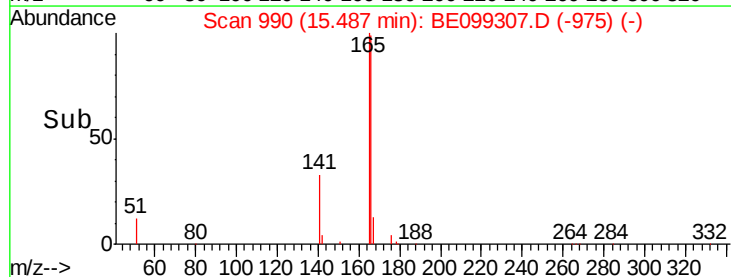
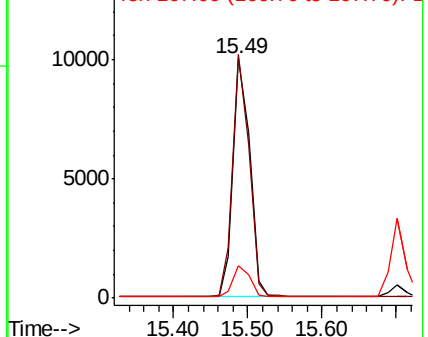


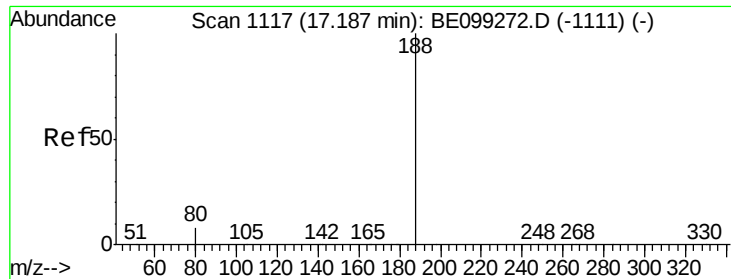
Abundance

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: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

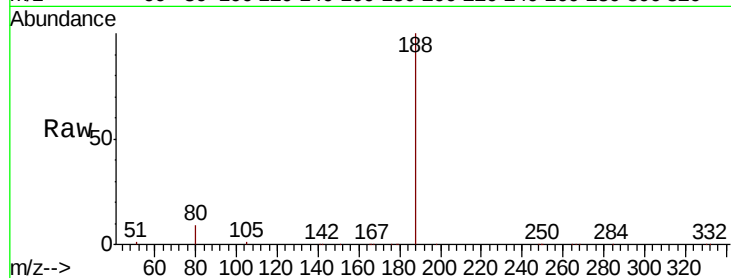
Tot Ion:188 Resp: 27641

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

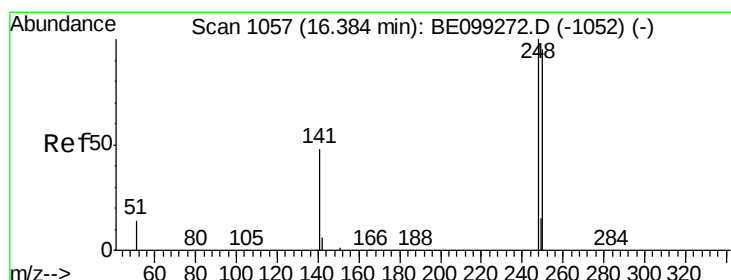
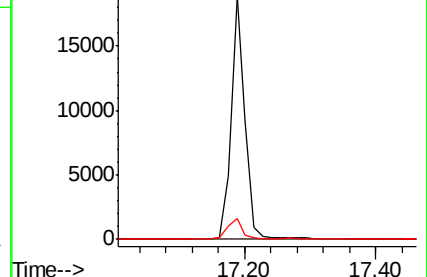
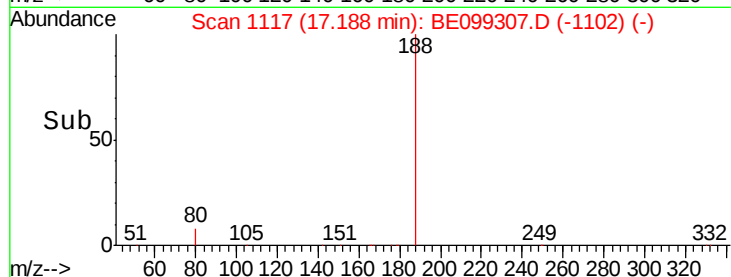
80 8.7 7.5 11.3



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: 0.428 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

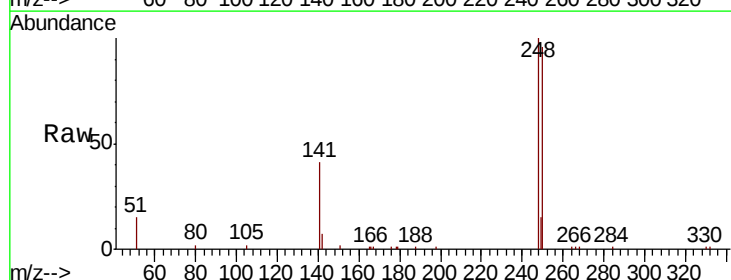
Tgt Ion:248 Resp: 6709

Ion Ratio Lower Upper

248 100

250 96.5 74.3 111.5

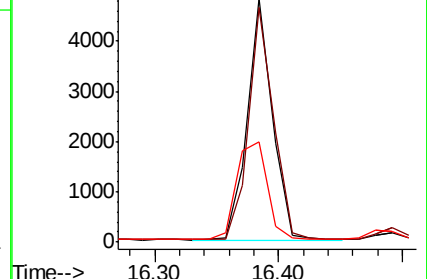
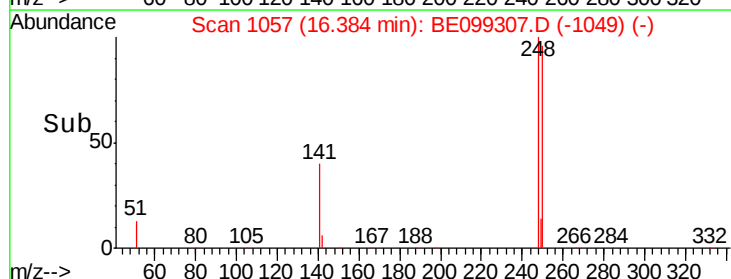
141 41.1 39.1 58.7

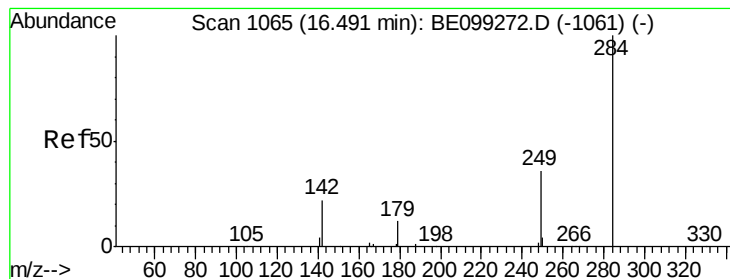


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.433 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

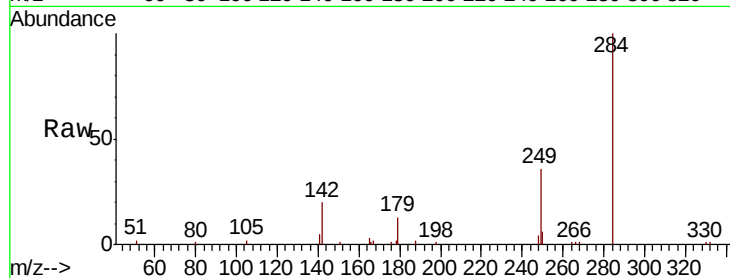
Tot Ion:284 Resp: 6468

Ion Ratio Lower Upper

284 100

142 26.8 21.2 31.8

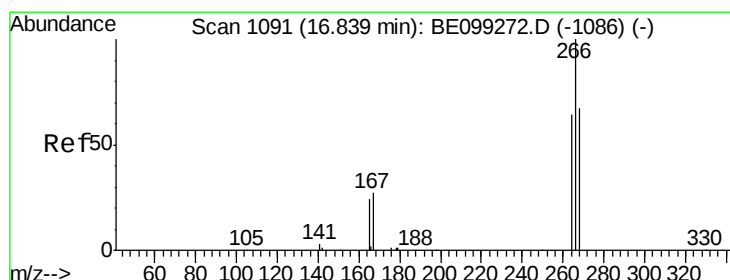
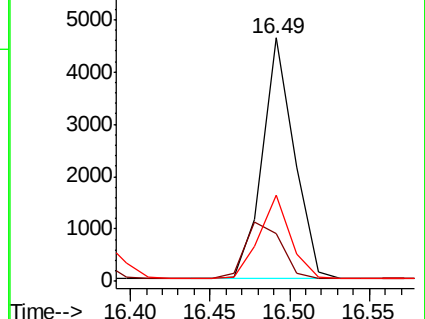
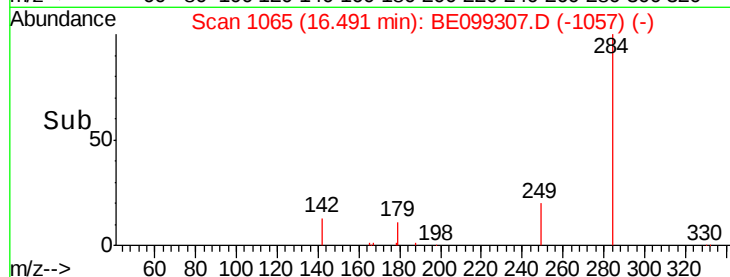
249 33.8 27.4 41.2



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: 0.473 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

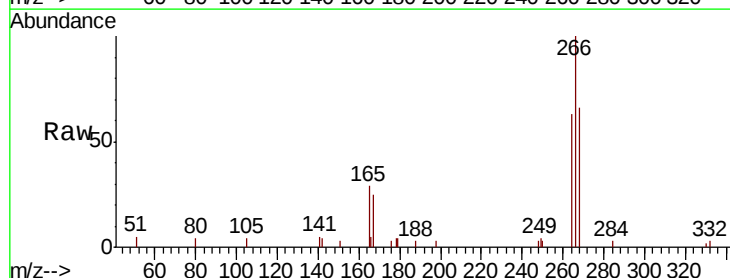
Tgt Ion:266 Resp: 2932

Ion Ratio Lower Upper

266 100

264 63.0 53.6 80.4

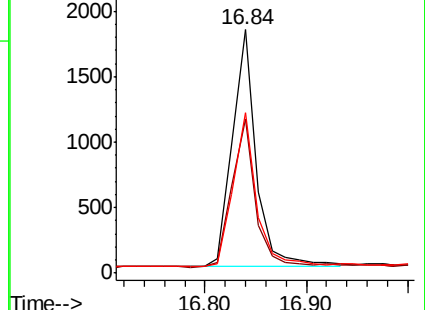
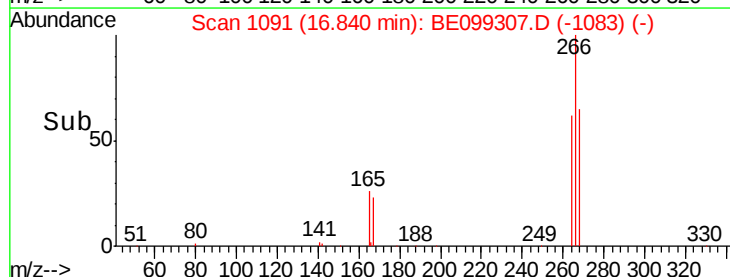
268 65.7 54.2 81.2

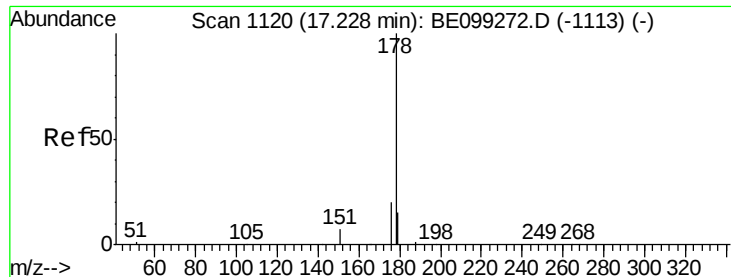


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.433 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

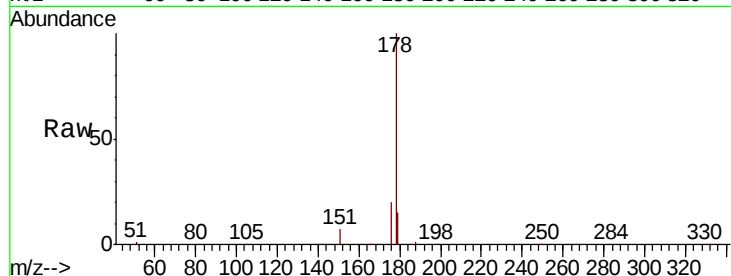
Tot Ion:178 Resp: 30983

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

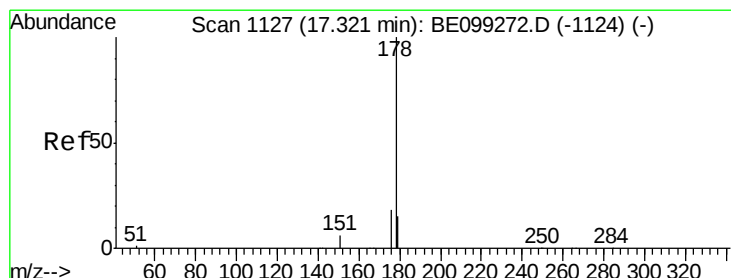
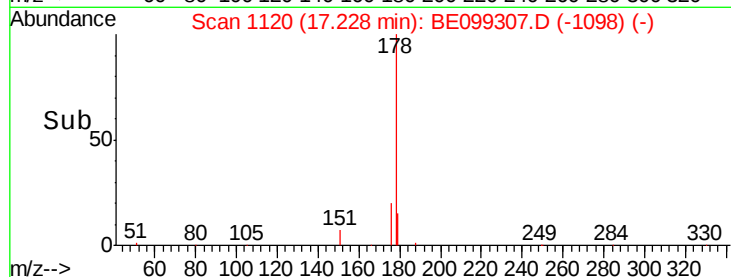
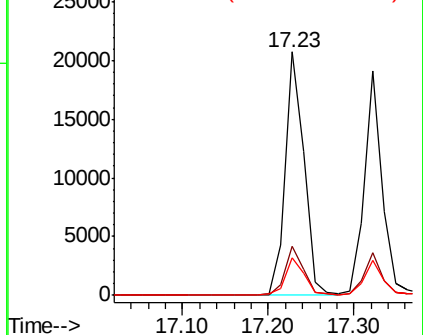
179 15.0 11.8 17.8



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: 0.398 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

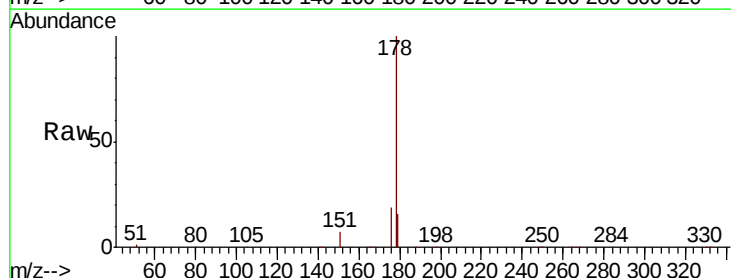
Tgt Ion:178 Resp: 26841

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

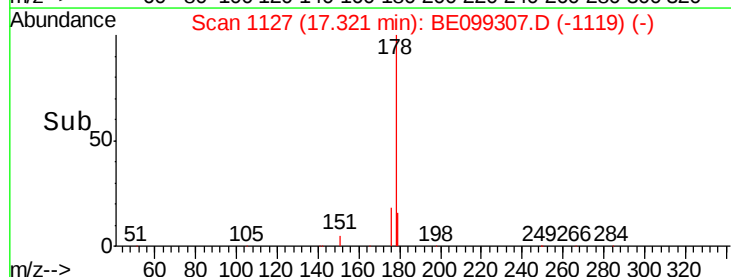
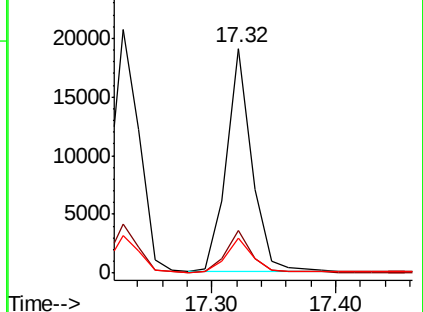
179 15.9 12.3 18.5

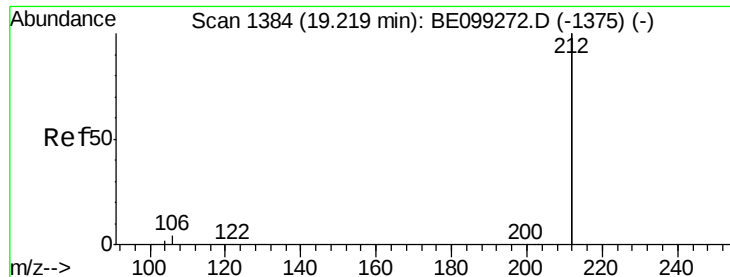


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.411 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

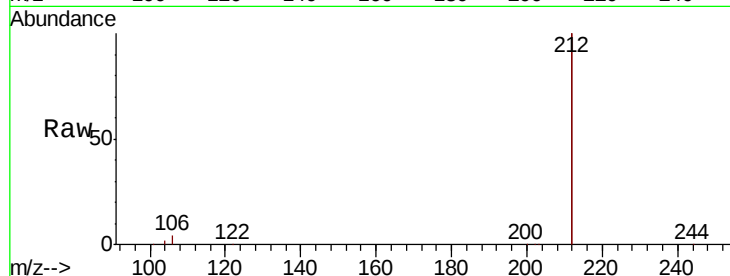
Tot Ion:212 Resp: 150086

Ion Ratio Lower Upper

212 100

106 2.1 1.7 2.5

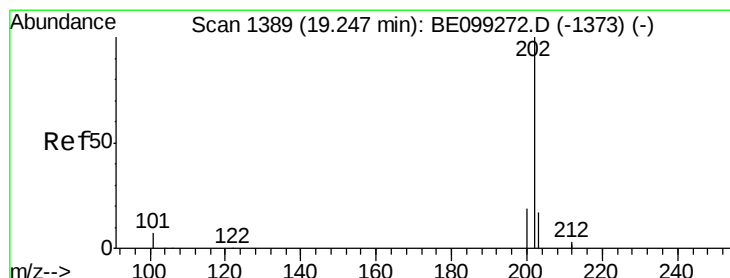
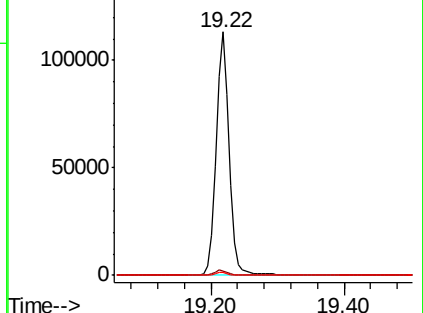
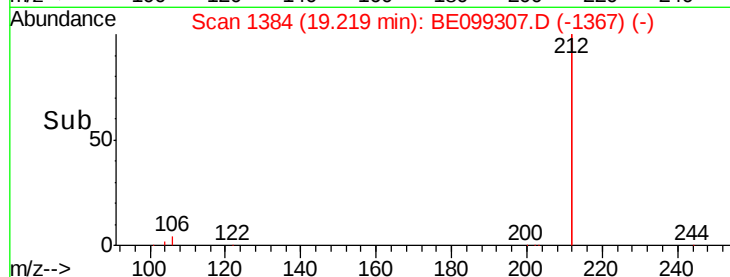
104 1.2 1.0 1.4



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: 0.420 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

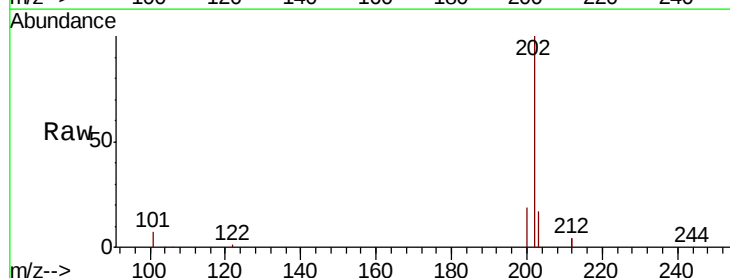
Tgt Ion:202 Resp: 44349

Ion Ratio Lower Upper

202 100

101 7.6 6.1 9.1

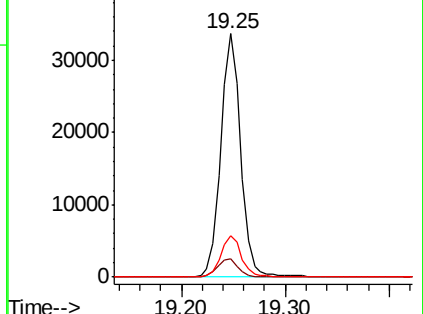
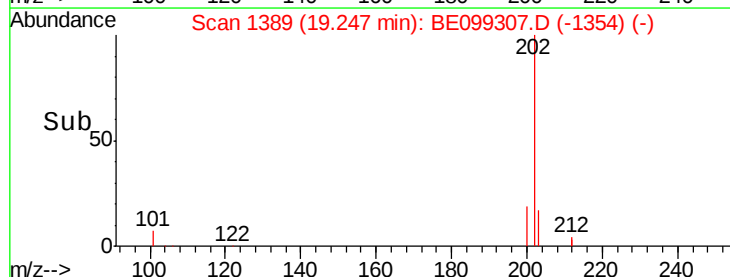
203 17.2 13.8 20.6

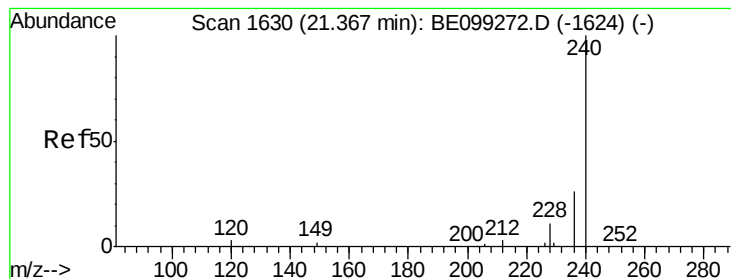


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.35 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

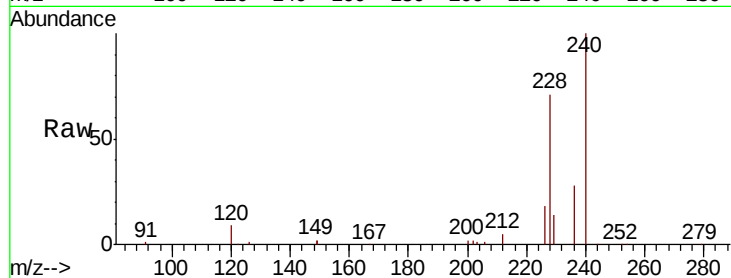
Tot Ion:240 Resp: 39464

Ion Ratio Lower Upper

240 100

120 8.9 2.3 3.5#

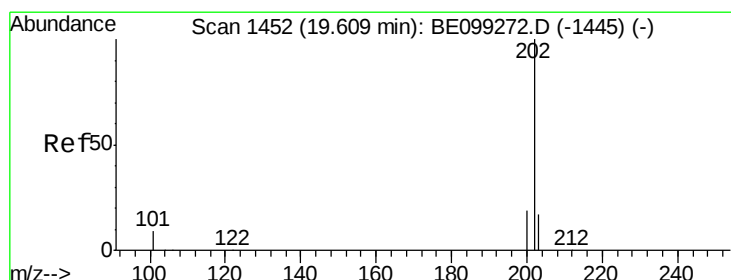
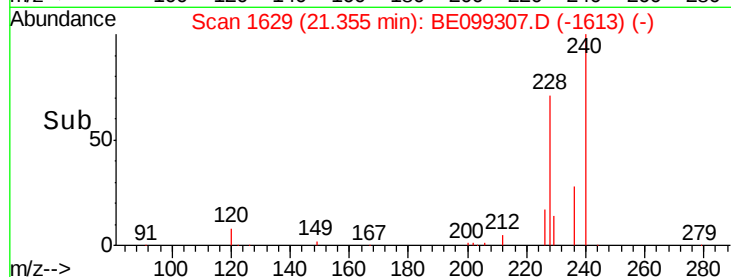
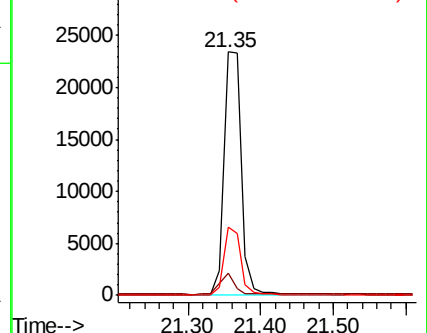
236 28.3 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.432 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

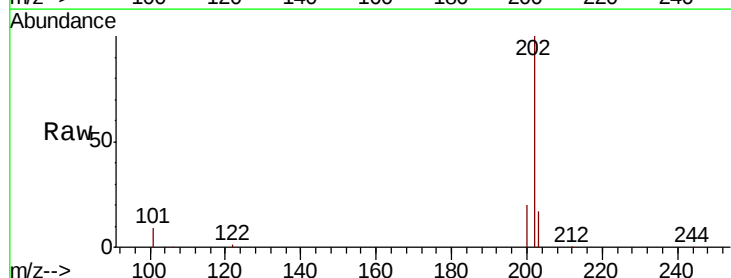
Tgt Ion:202 Resp: 45054

Ion Ratio Lower Upper

202 100

200 19.6 15.5 23.3

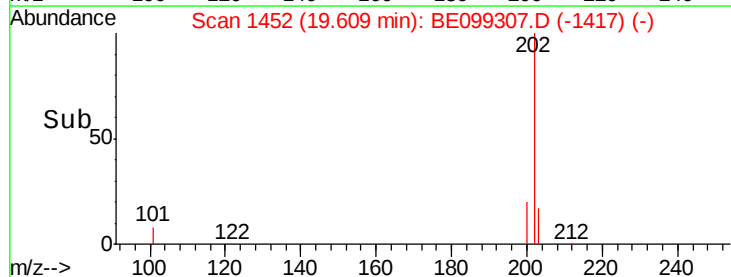
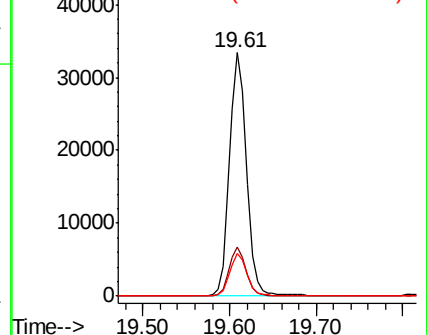
203 17.4 14.0 21.0

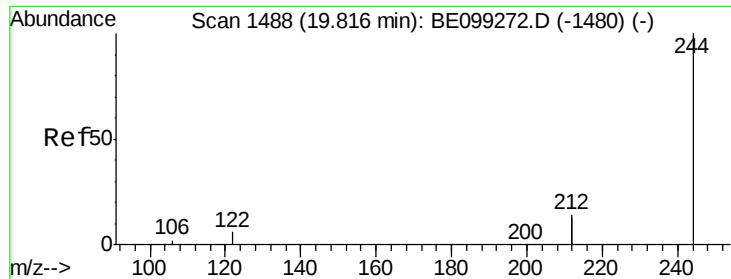


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.442 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

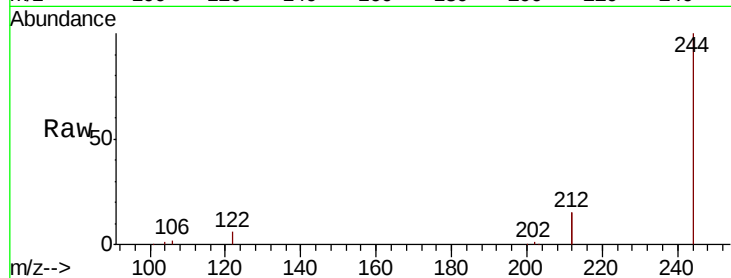
Tot Ion:244 Resp: 31855

Ion Ratio Lower Upper

244 100

212 29.2 22.4 33.6

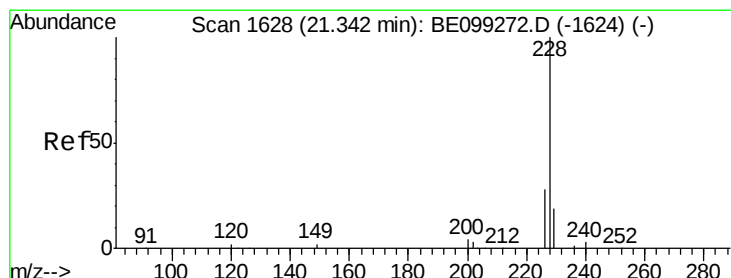
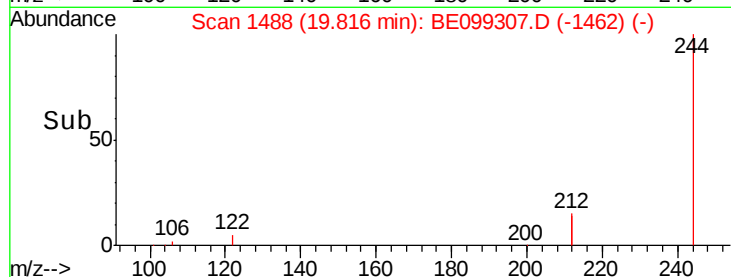
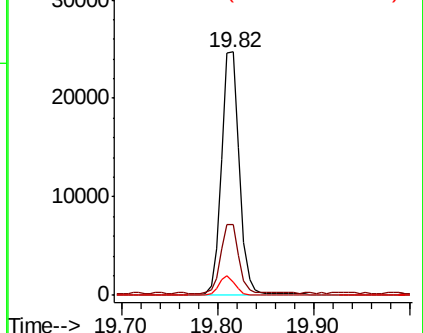
122 5.6 4.4 6.6



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: 0.392 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

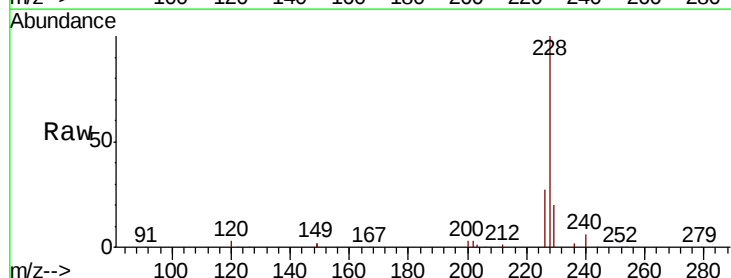
Tgt Ion:228 Resp: 48726

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

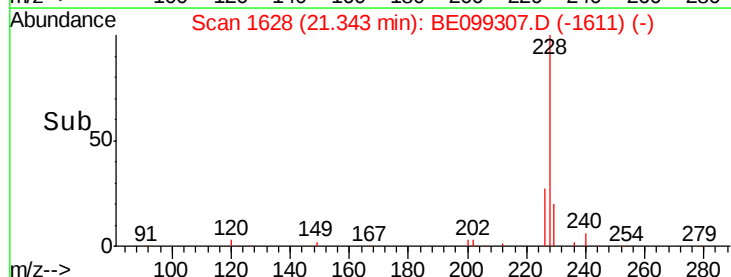
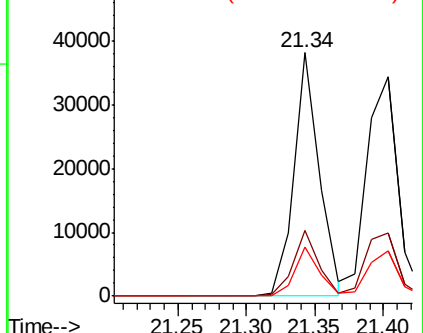
229 20.0 15.4 23.0

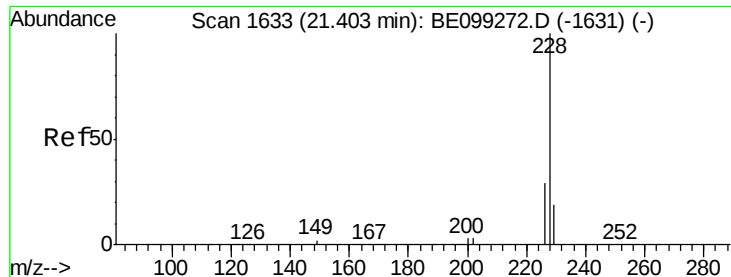


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.434 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

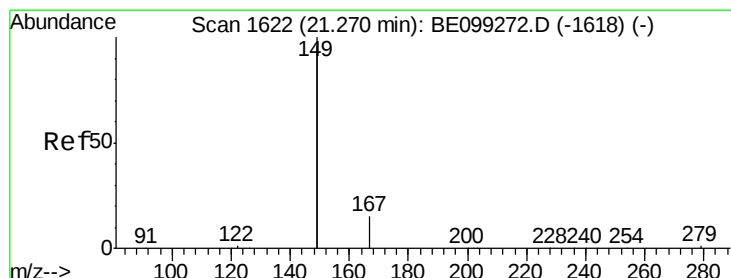
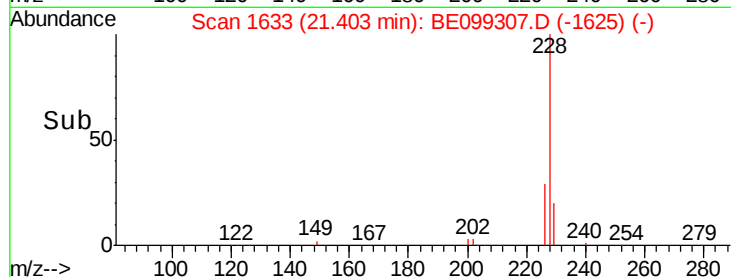
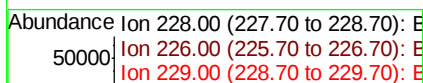
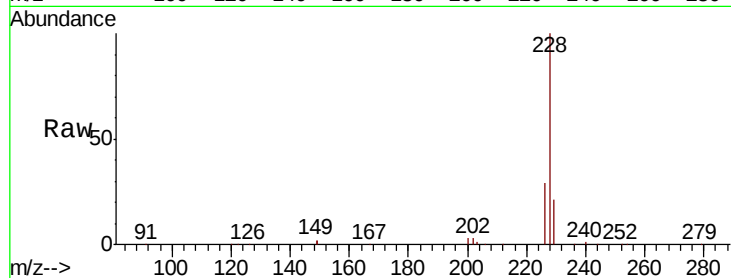
Tot Ion:228 Resp: 52881

Ion Ratio Lower Upper

228 100

226 29.0 23.6 35.4

229 20.5 15.8 23.8



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.292 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

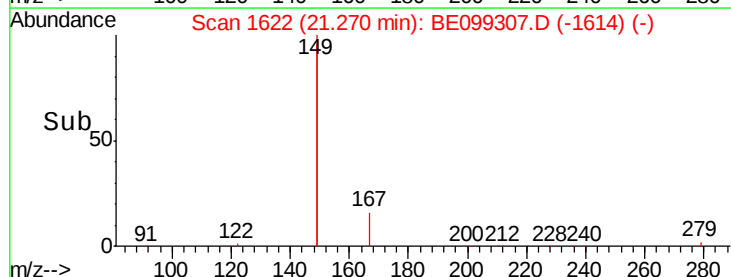
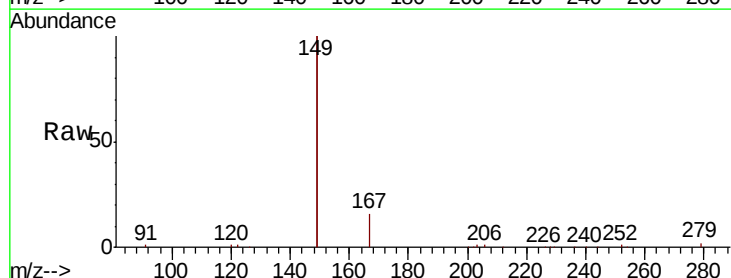
Tgt Ion:149 Resp: 46277

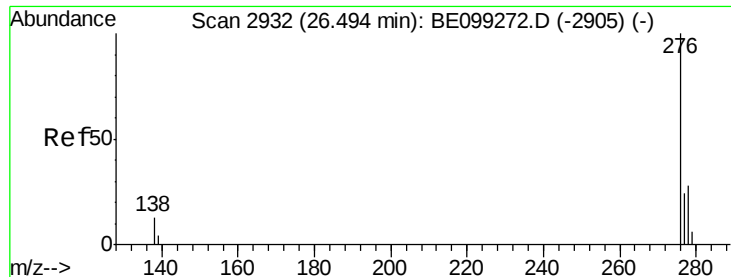
Ion Ratio Lower Upper

149 100

167 7.6 5.8 8.6

279 1.3 1.0 1.6

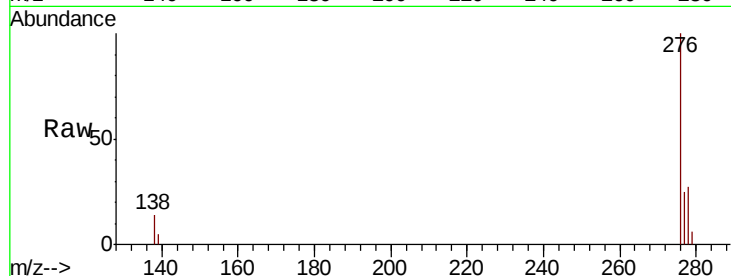




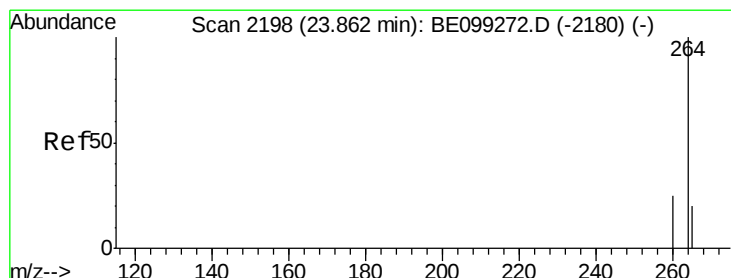
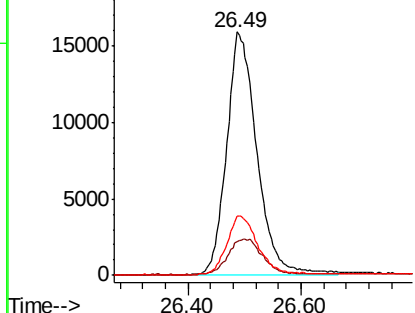
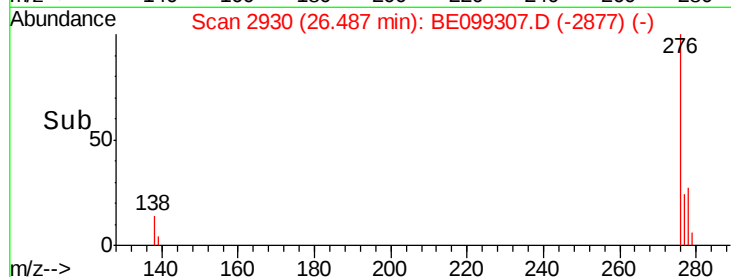
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.421 ng
 RT: 26.49 min Scan# 2930
 Delta R.T. -0.01 min
 Lab File: BE099307.D
 Acq: 5 Apr 2019 14:04

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 58595
 Ion Ratio Lower Upper
 276 100
 138 16.2 13.3 19.9
 277 24.2 19.8 29.8

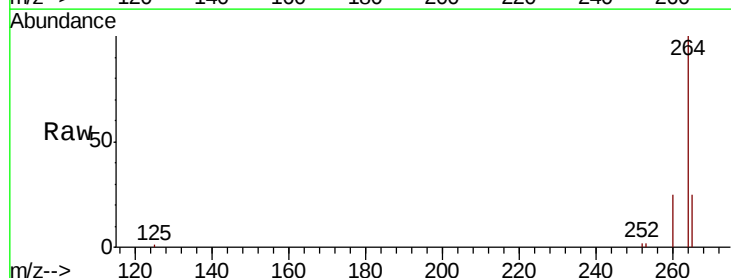


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

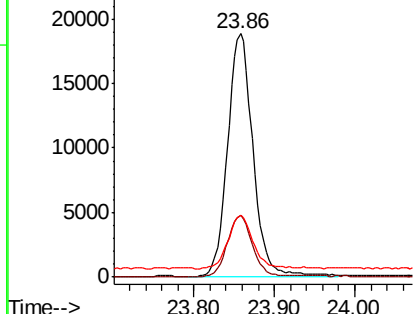
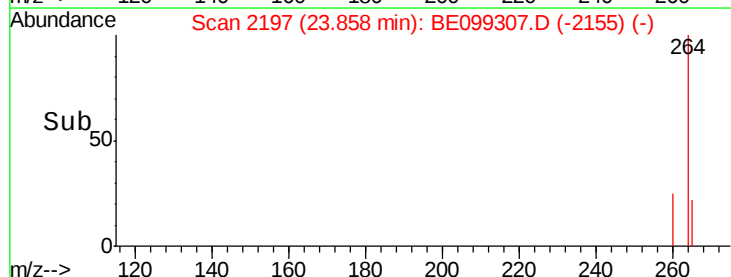


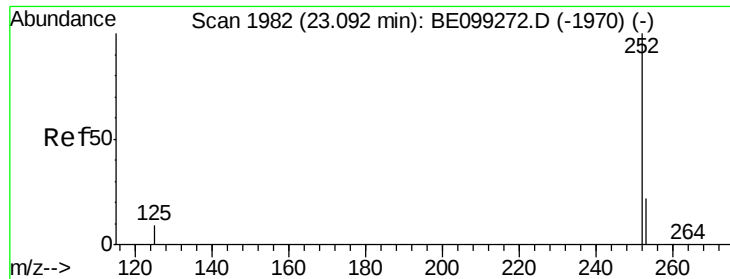
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: BE099307.D
 Acq: 5 Apr 2019 14:04

Tgt Ion:264 Resp: 40968
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.9 29.9
 265 25.3 20.3 30.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

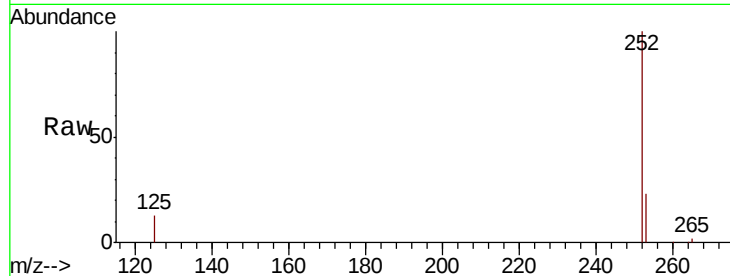




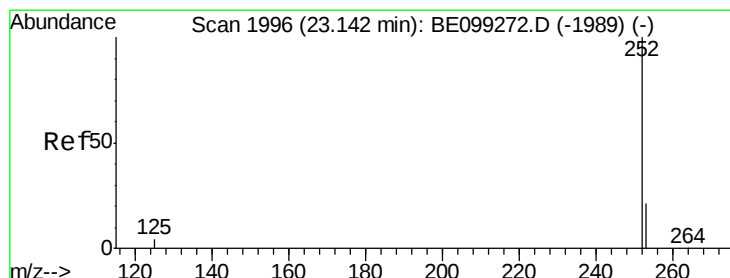
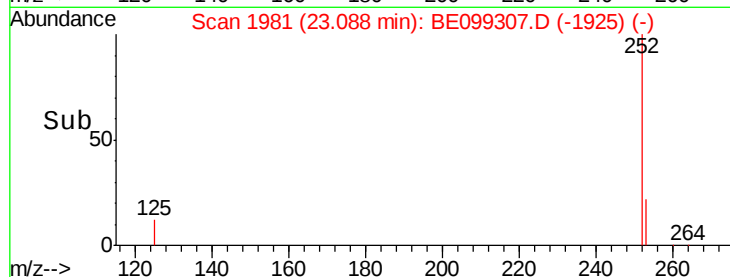
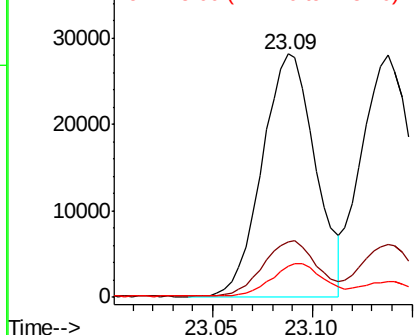
#35
Benzo(b)fluoranthene
Concen: 0.424 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BE099307.D
Acq: 5 Apr 2019 14:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 51859
Ion Ratio Lower Upper
252 100
253 22.8 18.5 27.7
125 12.9 9.4 14.2

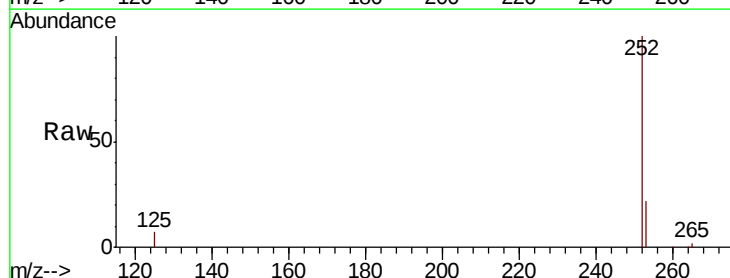


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

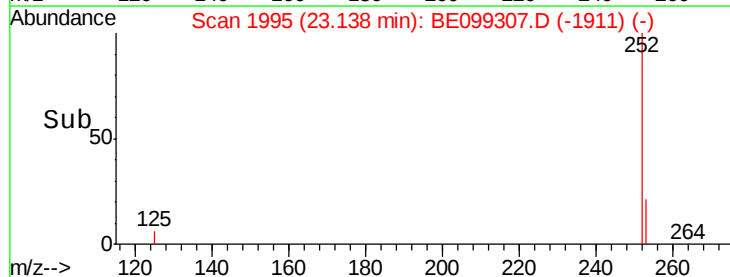
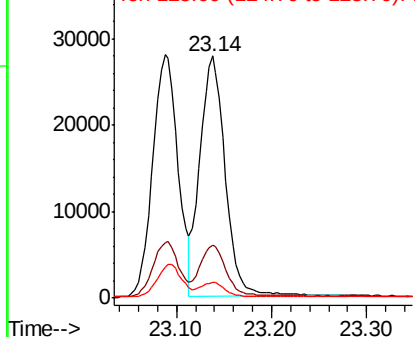


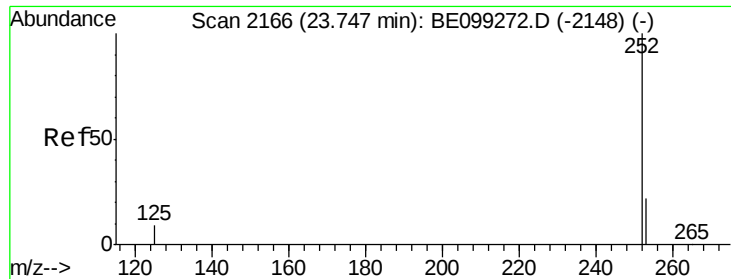
#36
Benzo(k)fluoranthene
Concen: 0.435 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BE099307.D
Acq: 5 Apr 2019 14:04

Tgt Ion:252 Resp: 51778
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 6.7 5.2 7.8



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

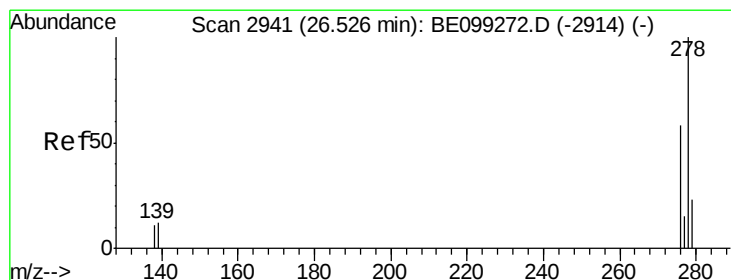
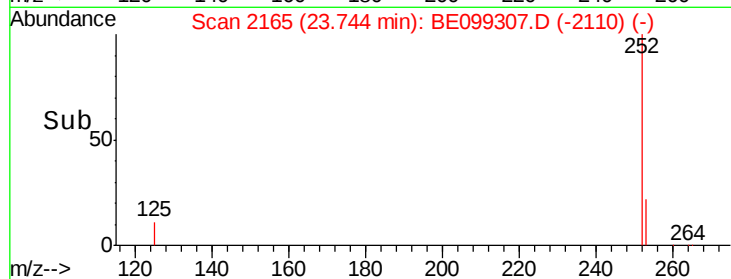
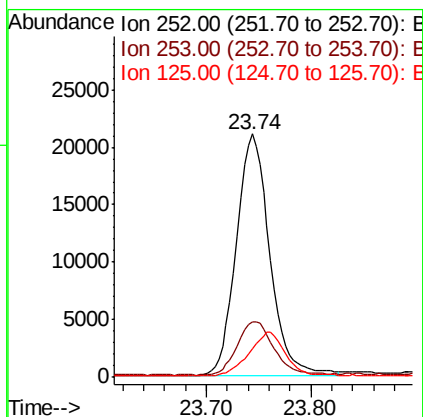
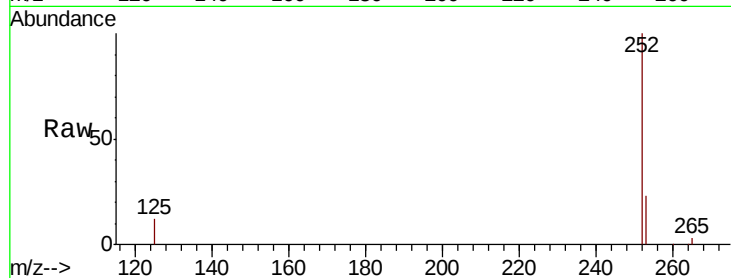




#37
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.74 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BE099307.D
Acq: 5 Apr 2019 14:04

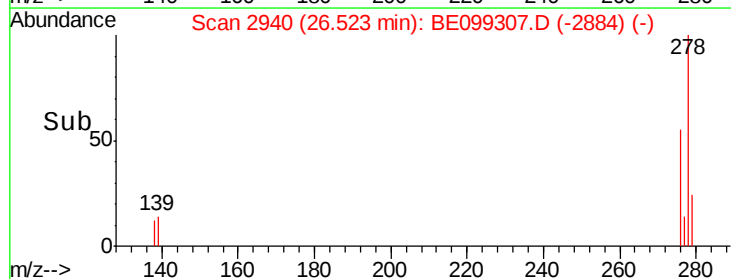
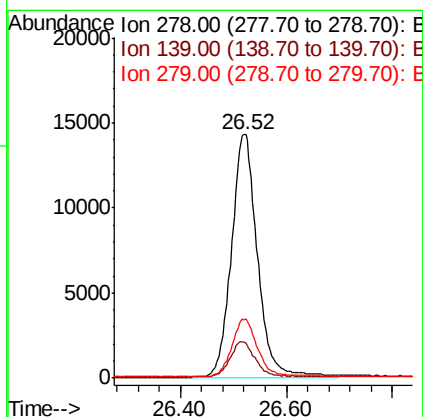
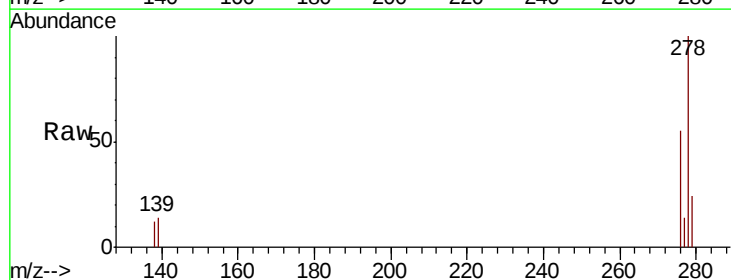
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

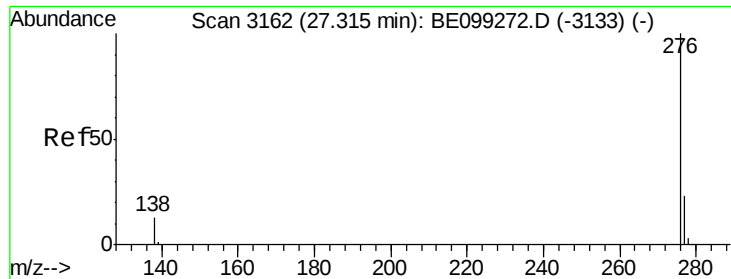
Tot Ion:252 Resp: 46695
Ion Ratio Lower Upper
252 100
253 23.0 18.6 28.0
125 11.7 9.5 14.3



#38
Dibenzo(a,h)anthracene
Concen: 0.426 ng
RT: 26.52 min Scan# 2940
Delta R.T. -0.00 min
Lab File: BE099307.D
Acq: 5 Apr 2019 14:04

Tgt Ion:278 Resp: 48730
Ion Ratio Lower Upper
278 100
139 14.4 11.3 16.9
279 24.3 19.4 29.2





#39

Benzo(a,h,i)perylene

Concen: 0.419 ng

RT: 27.31 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

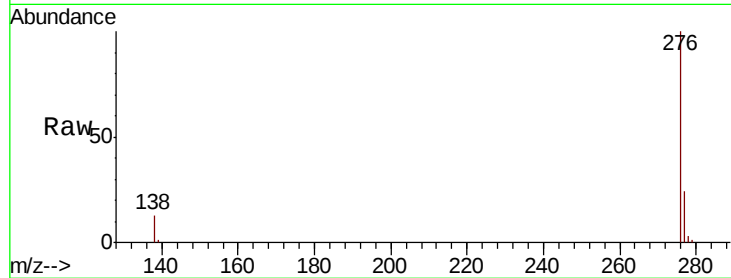
Tot Ion: 276 Resp: 47679

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 13.3 10.7 16.1



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

