

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
 Data File : BE099217.D
 Acq On : 26 Mar 2019 16:15
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 29 01:17:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	4729	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	21591	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	15368	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	40924	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	46973	0.40	ng	-0.01
34) Perylene-d12	23.89	264	46035	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	4838	0.34	ng	0.00
5) Phenol-d6	6.99	99	7432	0.34	ng	0.00
8) Nitrobenzene-d5	8.99	82	6250	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	14306	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	2124	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	22184	0.35	ng	0.00
25) Fluoranthene-d10	19.23	212	175779	0.35	ng	0.00
29) Terphenyl-d14	19.83	244	34287	0.34	ng	0.00

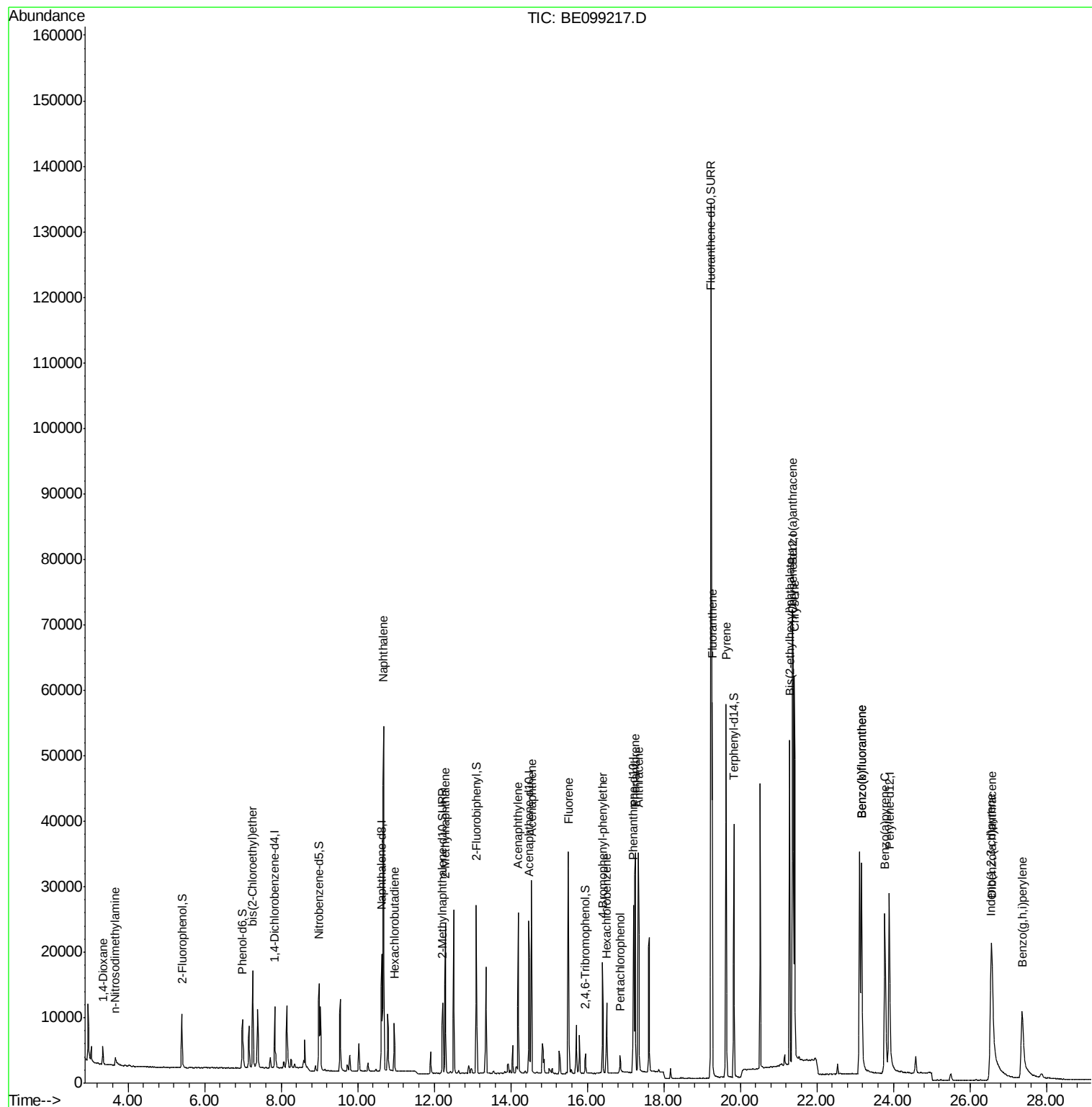
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	2032	0.326	ng	# 93
3) n-Nitrosodimethylamine	3.66	42	1104	0.316	ng	# 90
6) bis(2-Chloroethyl)ether	7.25	93	5954	0.351	ng	97
9) Naphthalene	10.68	128	88393	0.347	ng	100
10) Hexachlorobutadiene	10.95	225	4832	0.356	ng	97
12) 2-Methylnaphthalene	12.30	142	15924	0.350	ng	99
16) Acenaphthylene	14.20	152	27273	0.348	ng	99
17) Acenaphthene	14.54	154	16558	0.353	ng	98
18) Fluorene	15.51	166	22719	0.345	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	8519	0.323	ng	# 75
21) Hexachlorobenzene	16.51	284	8496	0.333	ng	99
22) Pentachlorophenol	16.85	266	1810	0.702	ng	# 85
23) Phenanthrene	17.26	178	40672	0.338	ng	100
24) Anthracene	17.34	178	36269	0.334	ng	100
26) Fluoranthene	19.26	202	52150	0.340	ng	100
28) Pyrene	19.63	202	53517	0.343	ng	100
30) Benzo(a)anthracene	21.37	228	53057	0.342	ng	99
31) Chrysene	21.41	228	56543	0.341	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	65713	0.355	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	48652	0.310	ng	# 57
35) Benzo(b)fluoranthene	23.17	252	55347	0.365	ng	100
36) Benzo(k)fluoranthene	23.17	252	57683	0.360	ng	100
37) Benzo(a)pyrene	23.78	252	48693	0.344	ng	99
38) Dibenzo(a,h)anthracene	26.58	278	36935	0.294	ng	# 93
39) Benzo(g,h,i)perylene	27.37	276	37799	0.300	ng	99

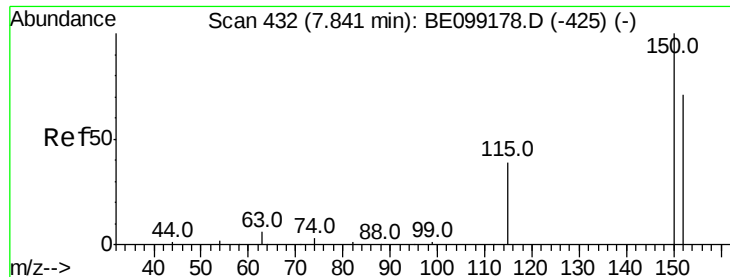
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. -0.01 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

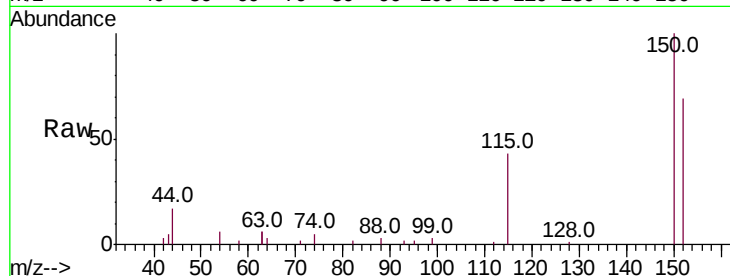
Tot Ion:152 Resp: 4729

Ion Ratio Lower Upper

152 100

150 145.1 112.8 169.2

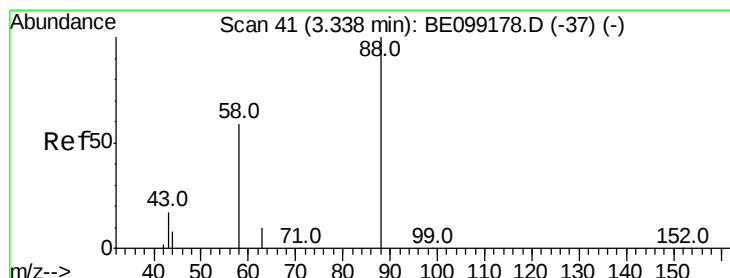
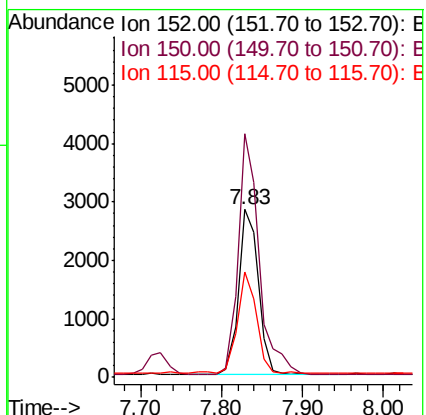
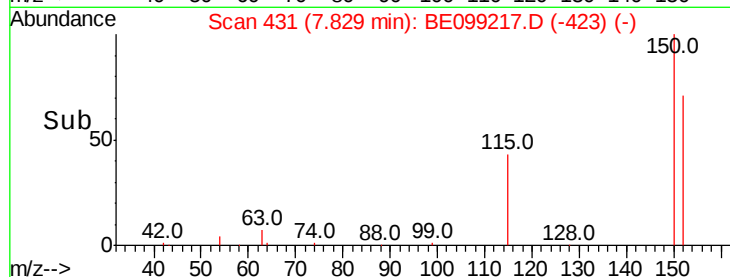
115 62.6 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.326 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

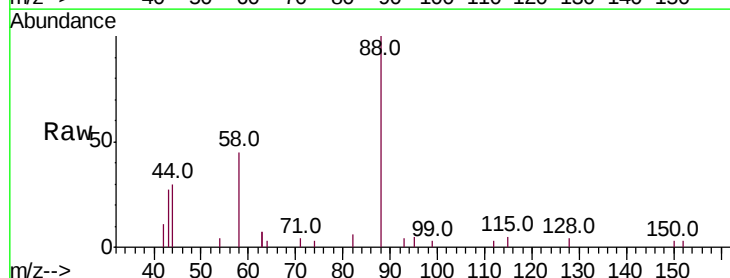
Tgt Ion: 88 Resp: 2032

Ion Ratio Lower Upper

88 100

58 62.5 47.4 71.0

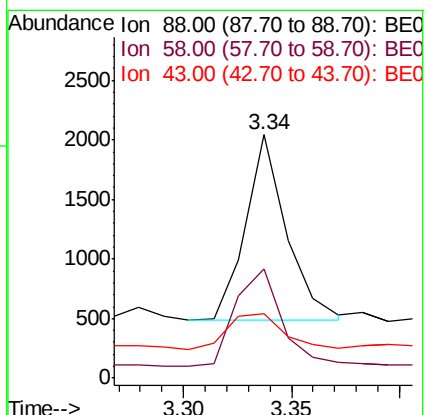
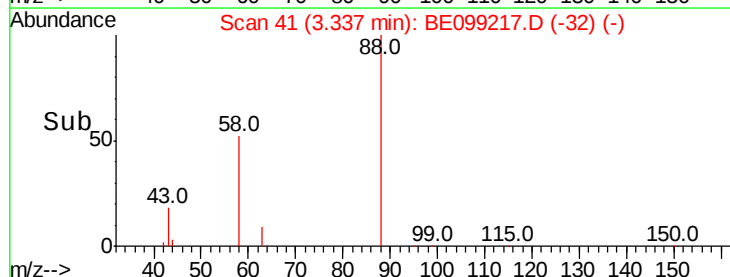
43 26.0 15.6 23.4#

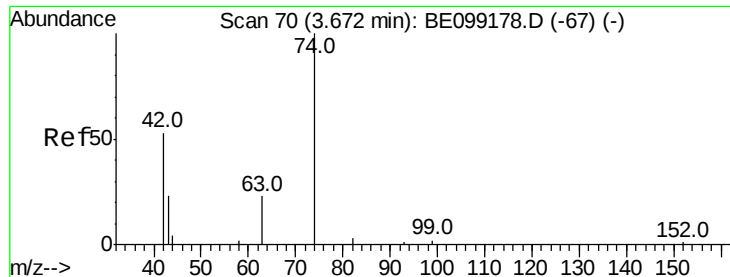


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.316 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

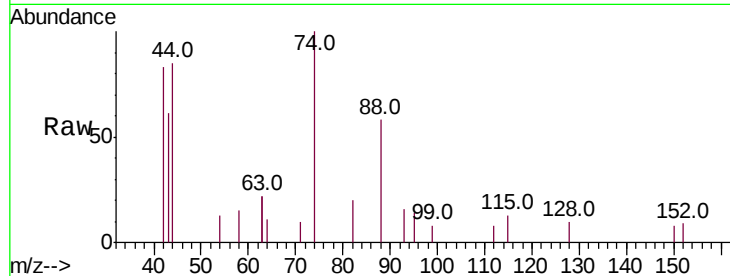
Tot Ion: 42 Resp: 1104

Ion Ratio Lower Upper

42 100

74 186.1 138.6 207.8

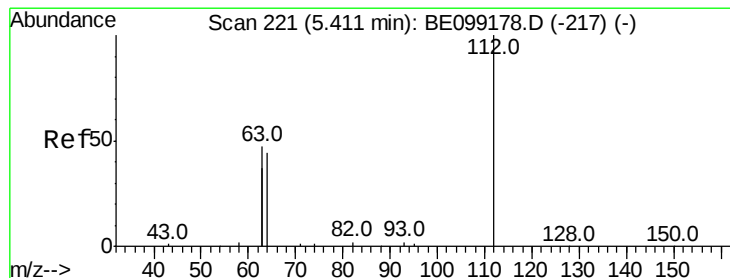
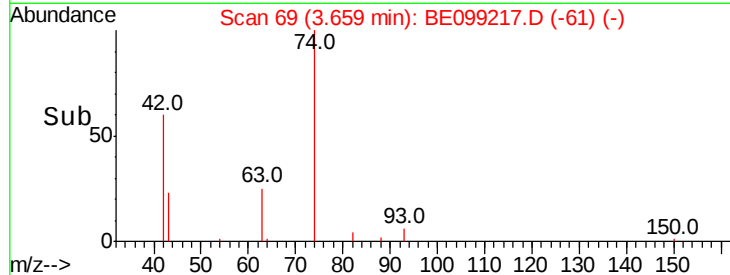
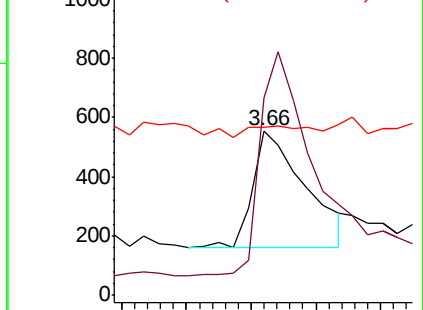
44 11.7 15.0 22.6#



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: 0.343 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

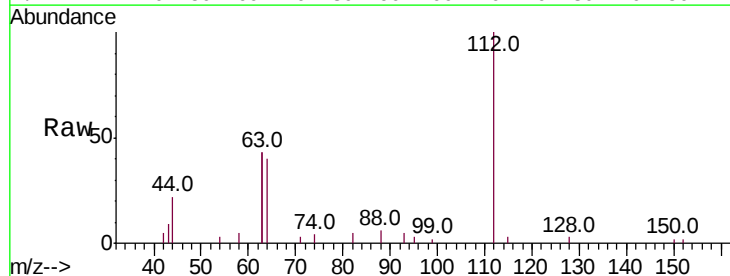
Tgt Ion: 112 Resp: 4838

Ion Ratio Lower Upper

112 100

64 56.3 46.2 69.2

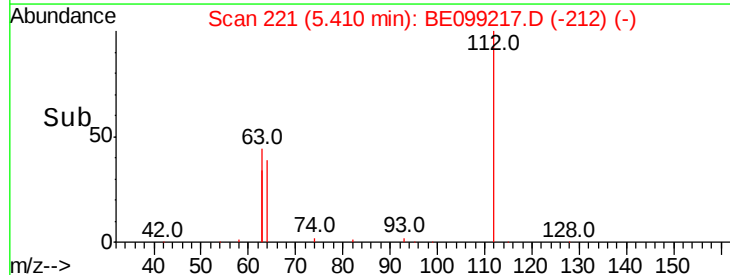
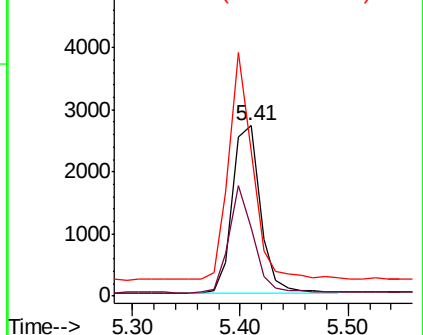
63 116.8 89.9 134.9

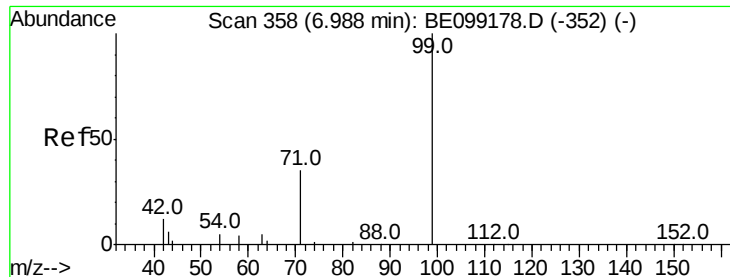


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.344 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

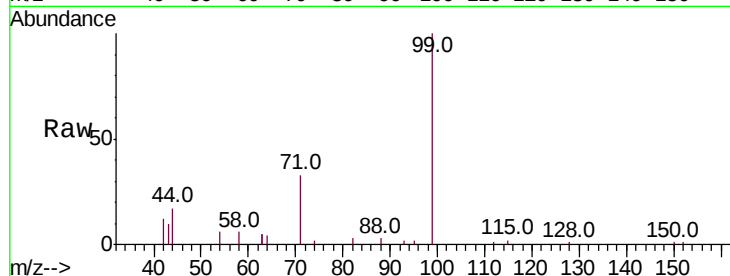
Tot Ion: 99 Resp: 7432

Ion Ratio Lower Upper

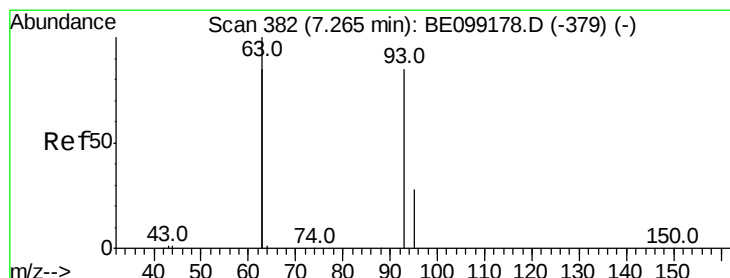
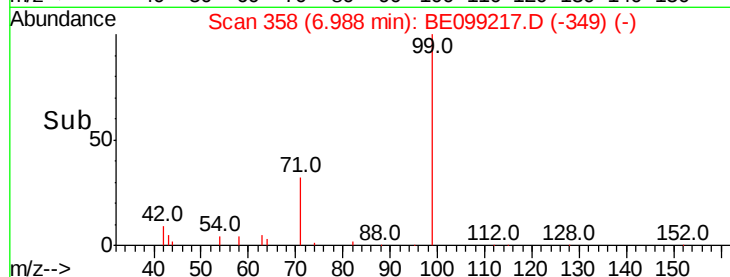
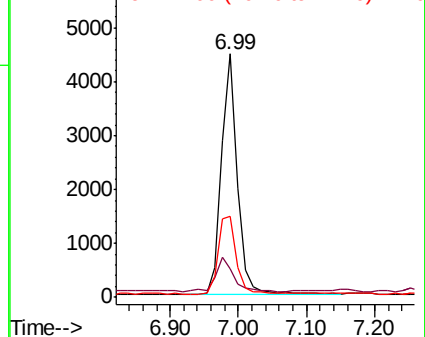
99 100

42 15.2 12.4 18.6

71 36.3 28.4 42.6



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: 0.351 ng

RT: 7.25 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

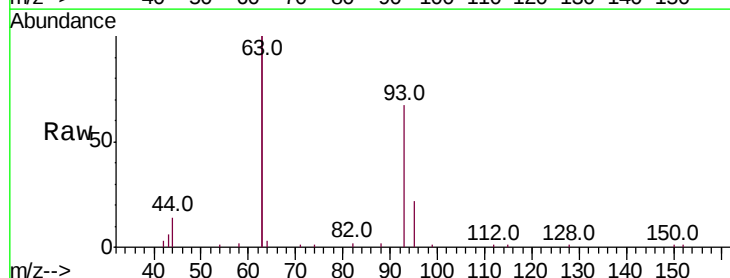
Tgt Ion: 93 Resp: 5954

Ion Ratio Lower Upper

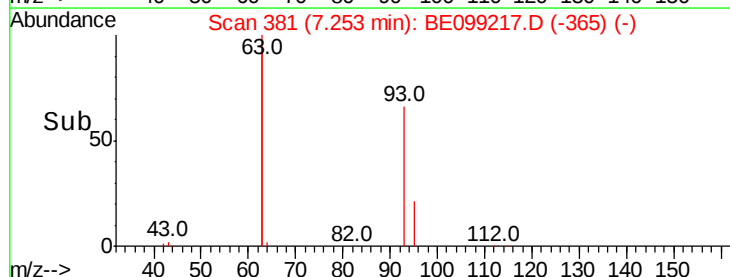
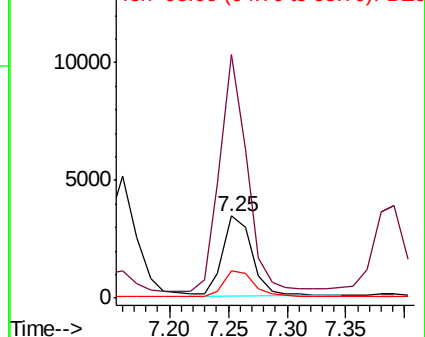
93 100

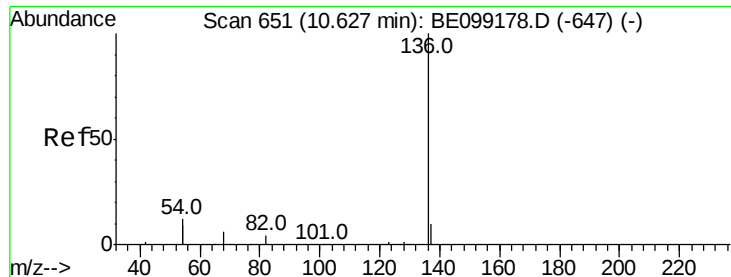
63 271.4 221.4 332.0

95 31.9 25.8 38.8



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 21591

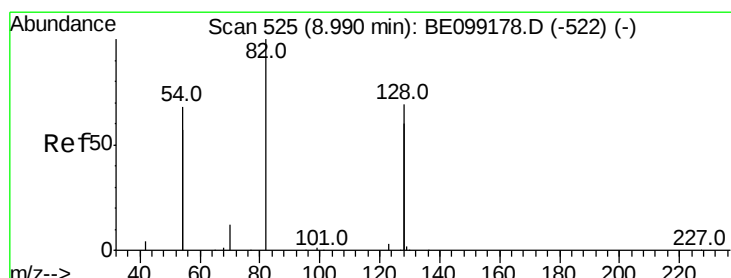
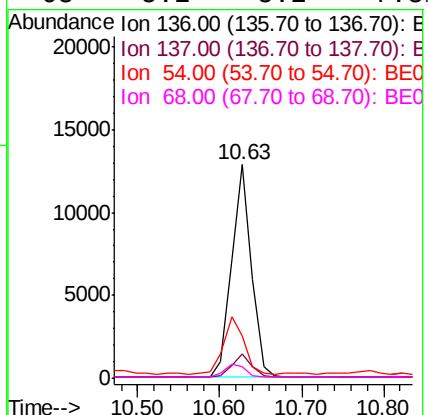
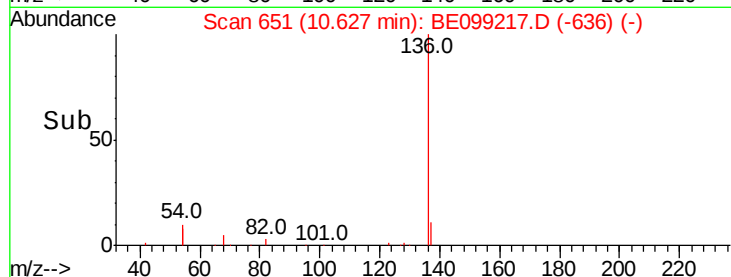
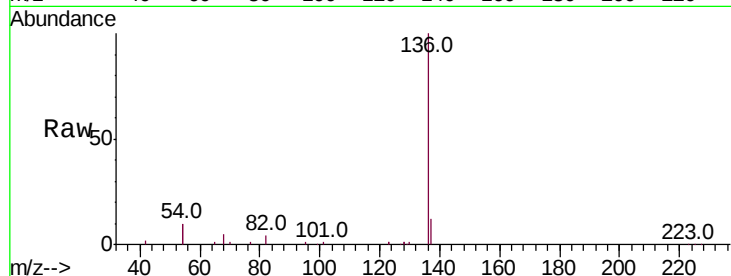
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 19.7 18.7 28.1

68 5.2 5.2 7.8#



#8

Nitrobenzene-d5

Concen: 0.354 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

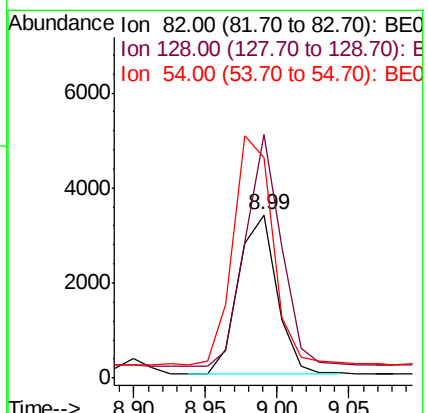
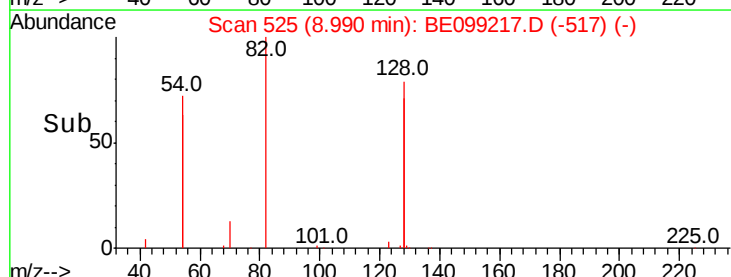
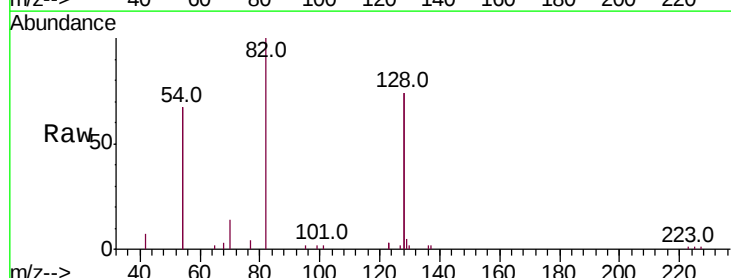
Tgt Ion: 82 Resp: 6250

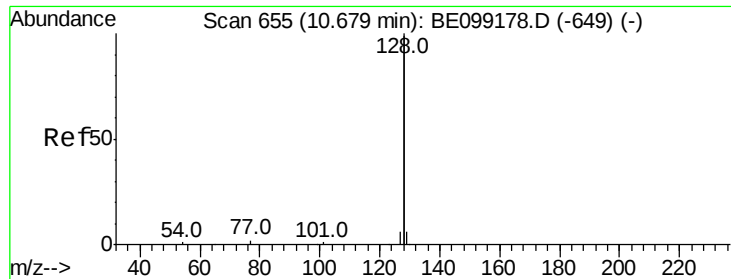
Ion Ratio Lower Upper

82 100

128 148.9 107.5 161.3

54 134.9 106.3 159.5





#9

Naphthalene

Concen: 0.347 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

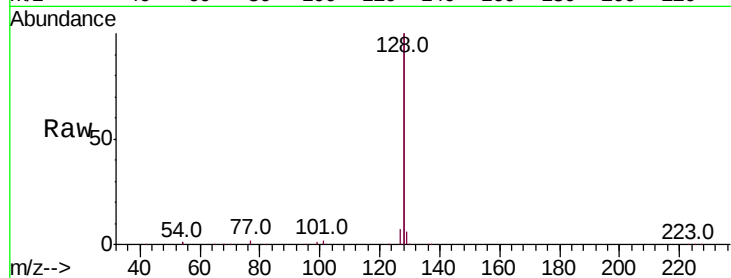
Tot Ion:128 Resp: 88393

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

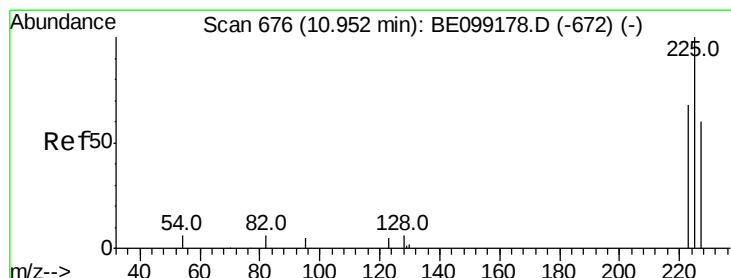
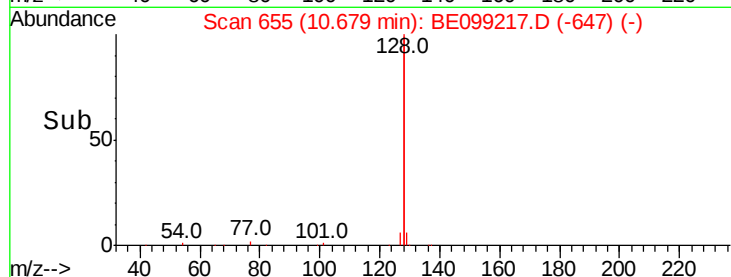
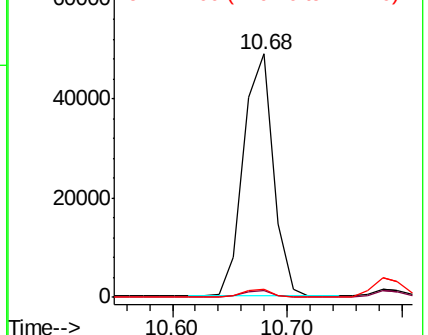
127 3.3 2.6 3.8



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: 0.356 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

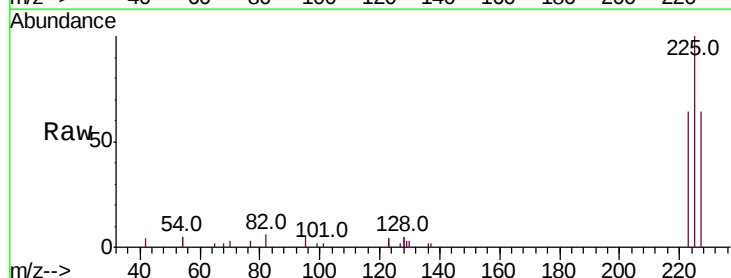
Tgt Ion:225 Resp: 4832

Ion Ratio Lower Upper

225 100

223 63.8 51.3 76.9

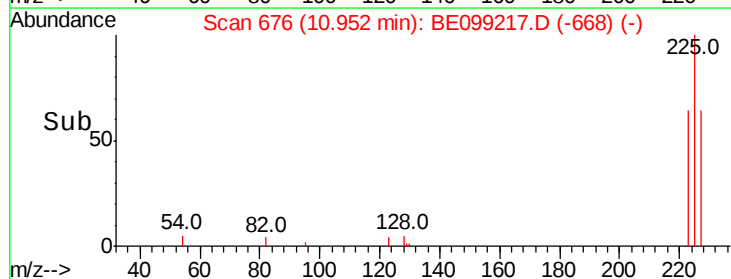
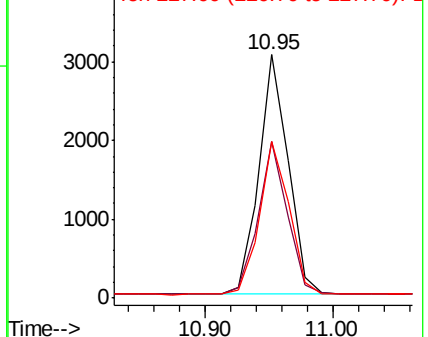
227 64.6 48.6 73.0

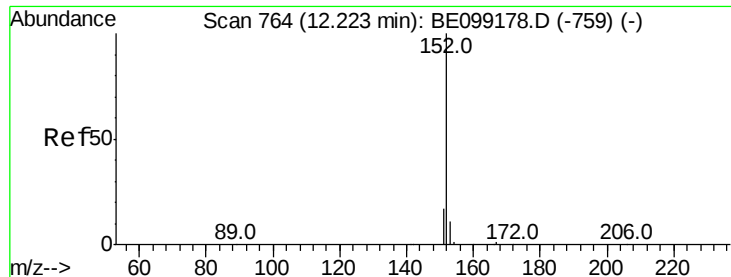


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.344 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

ClientSampleId :

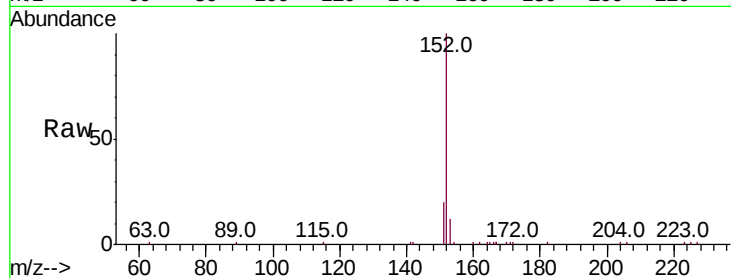
SSTDCCC0.4EC

Tot Ion:152 Resp: 14306

Ion Ratio Lower Upper

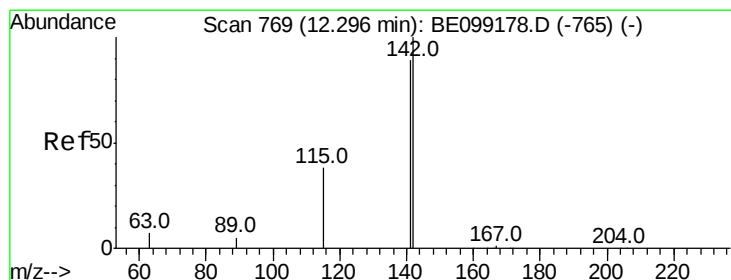
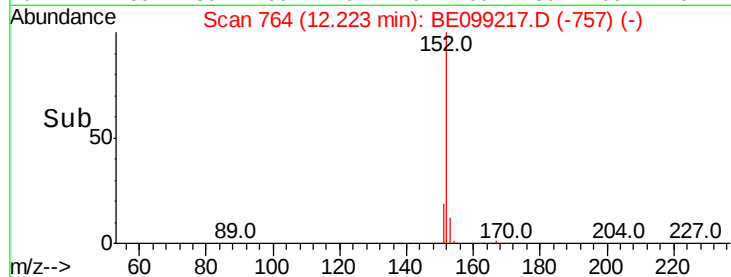
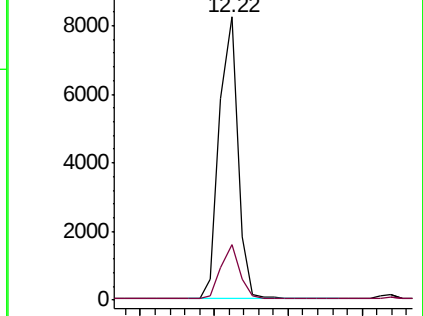
152 100

151 19.4 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.350 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

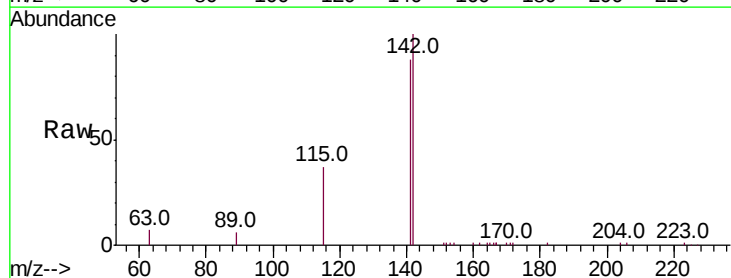
Tgt Ion:142 Resp: 15924

Ion Ratio Lower Upper

142 100

141 88.4 71.3 106.9

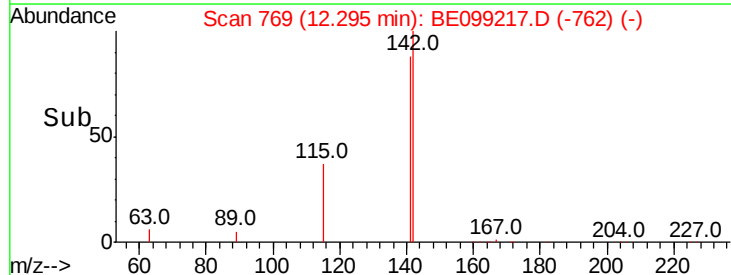
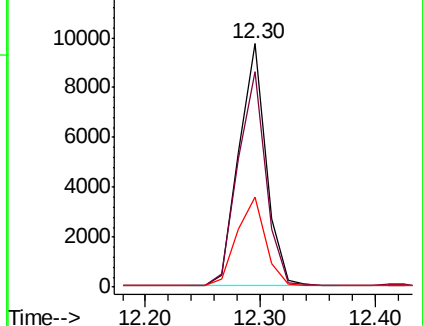
115 37.2 30.4 45.6

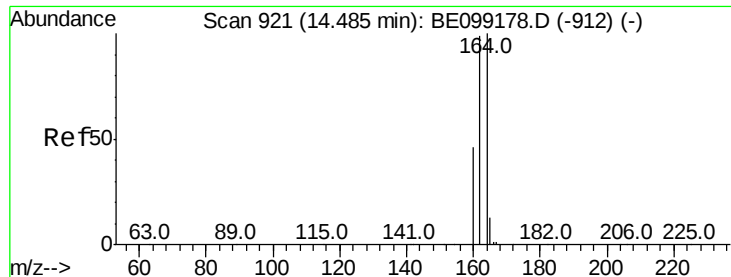


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

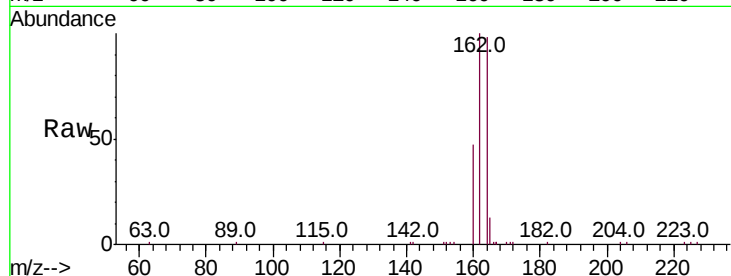




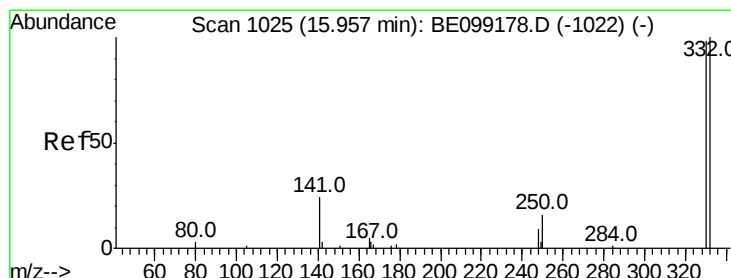
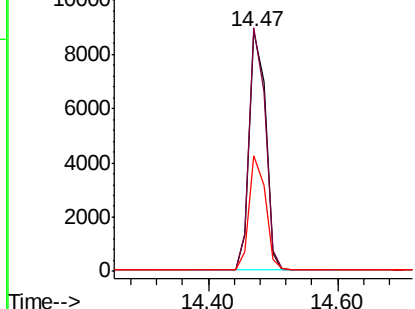
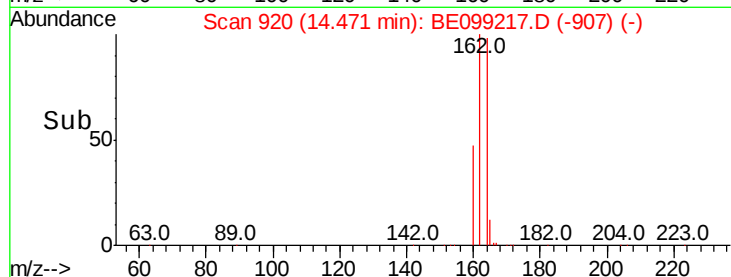
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 15368
Ion Ratio Lower Upper
164 100
162 101.7 79.2 118.8
160 48.2 36.7 55.1

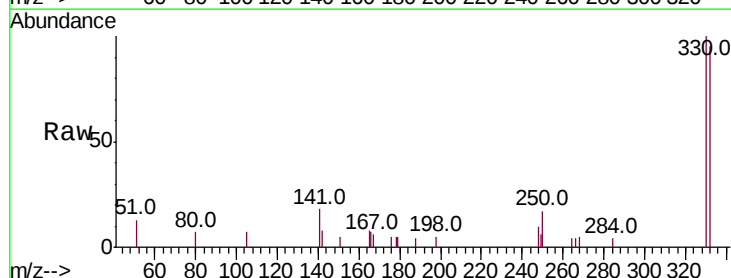


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

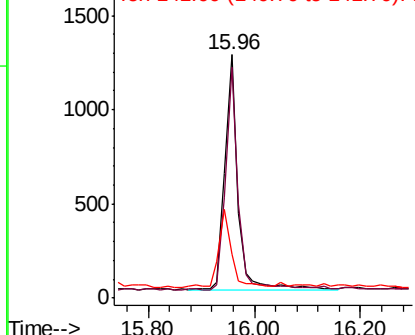
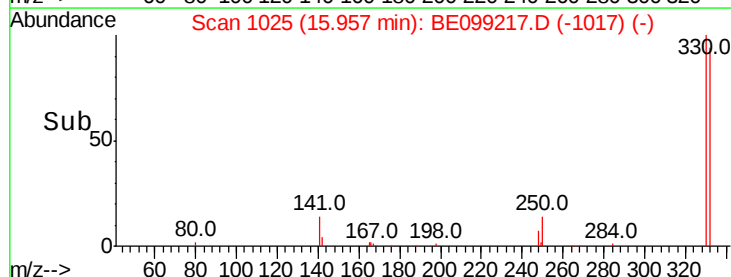


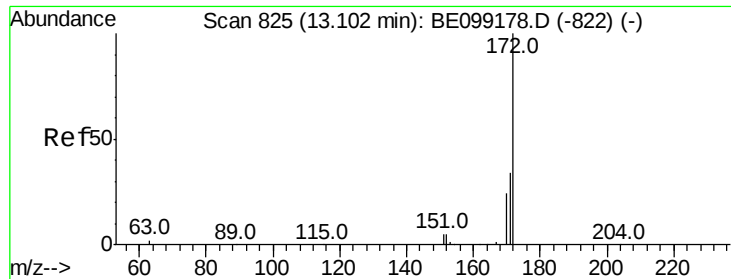
#14
2,4,6-Tribromophenol
Concen: 0.472 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:330 Resp: 2124
Ion Ratio Lower Upper
330 100
332 91.0 71.3 106.9
141 32.1 21.7 32.5



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

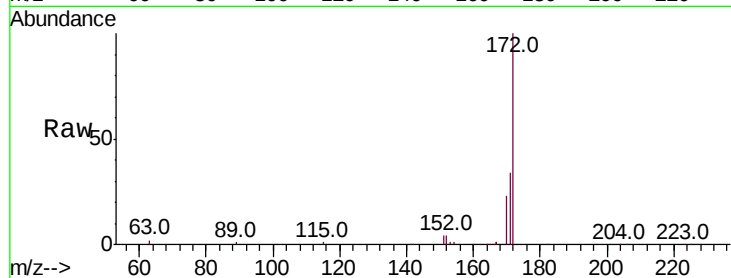




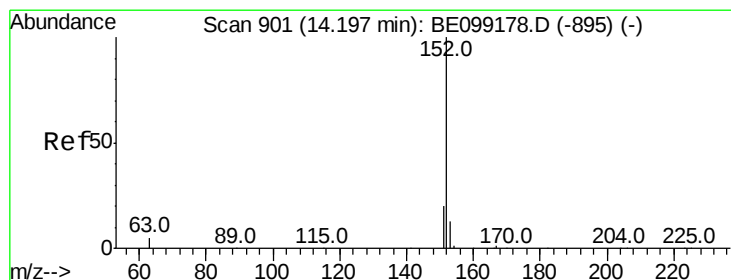
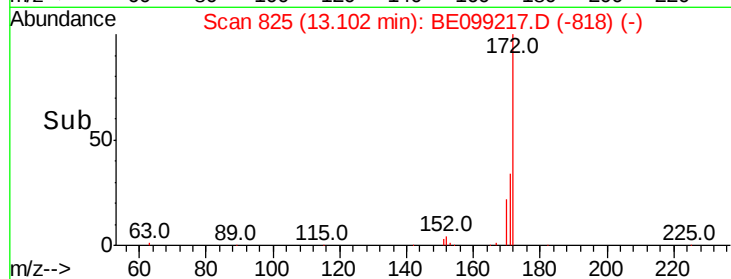
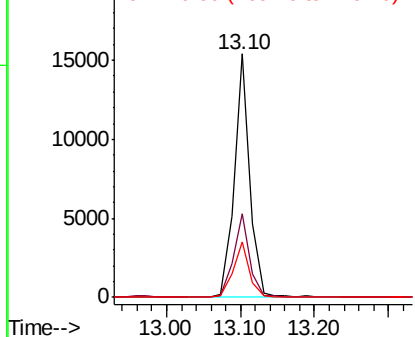
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 22184
Ion Ratio Lower Upper
172 100
171 34.3 27.4 41.0
170 22.6 19.1 28.7

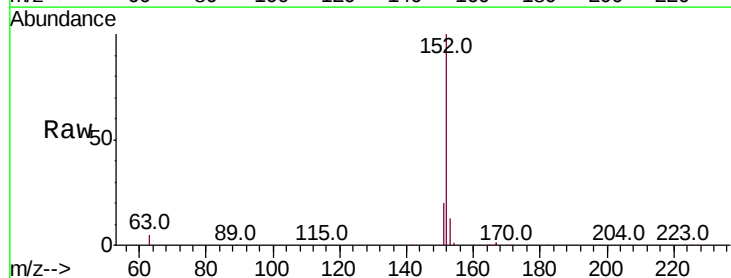


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

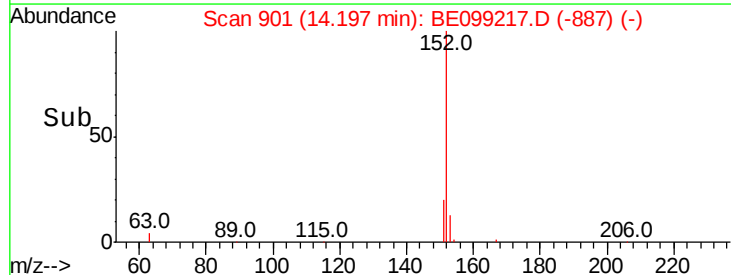
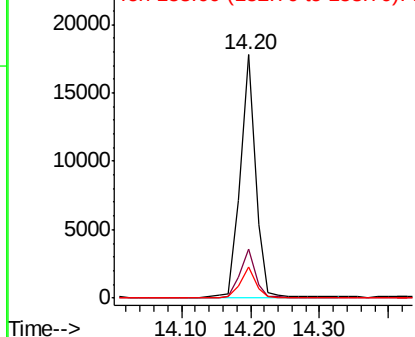


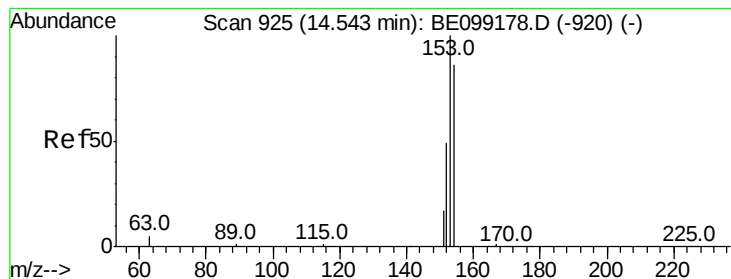
#16
Acenaphthylene
Concen: 0.348 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:152 Resp: 27273
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 12.6 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.353 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

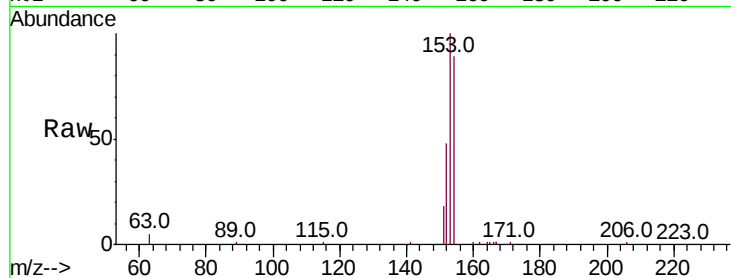
Tot Ion:154 Resp: 16558

Ion Ratio Lower Upper

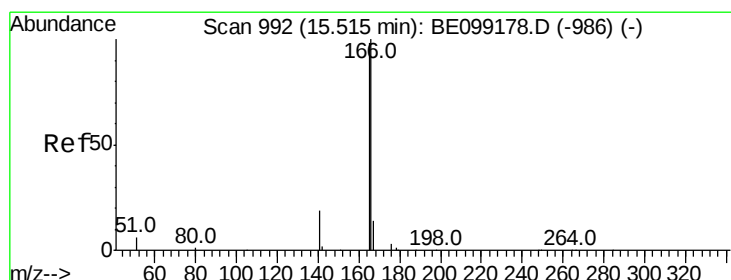
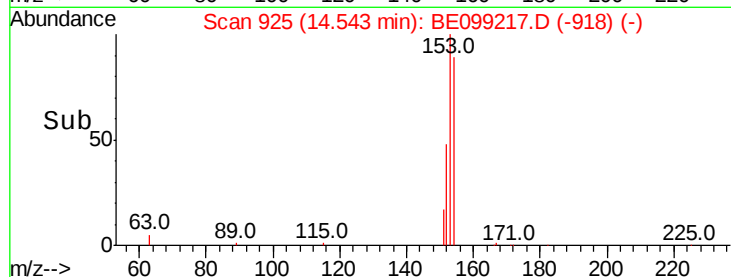
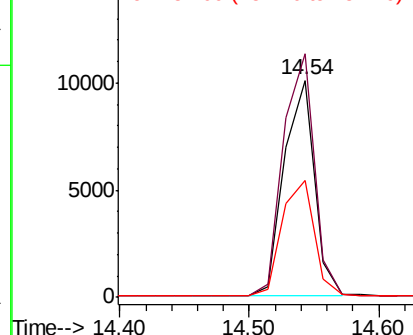
154 100

153 114.7 93.4 140.0

152 56.7 46.6 69.8



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: 0.345 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

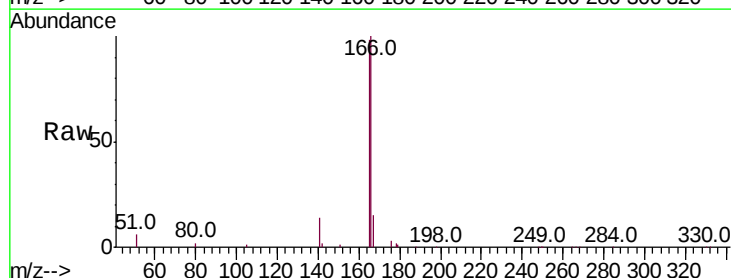
Tgt Ion:166 Resp: 22719

Ion Ratio Lower Upper

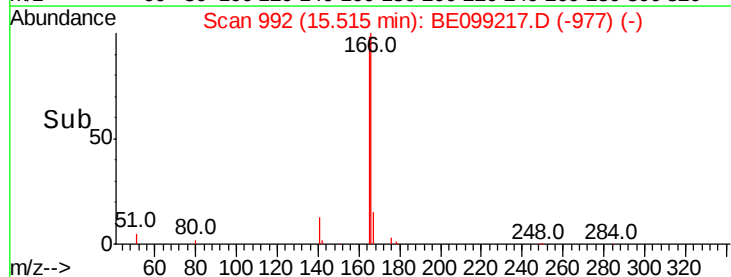
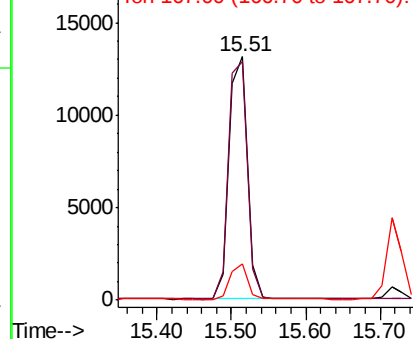
166 100

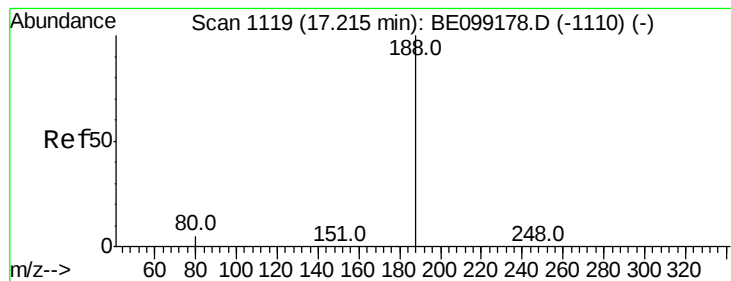
165 100.7 78.9 118.3

167 13.7 10.9 16.3



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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

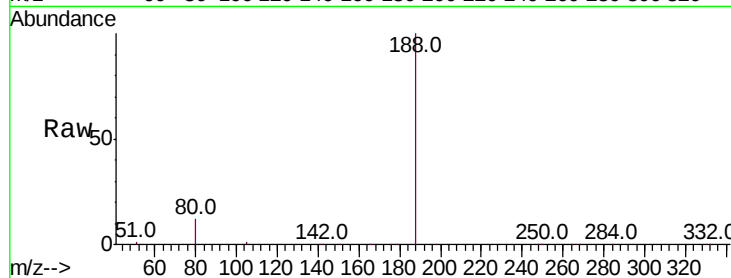
Tot Ion:188 Resp: 40924

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

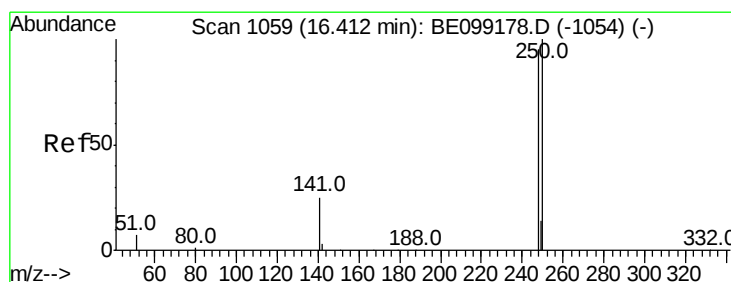
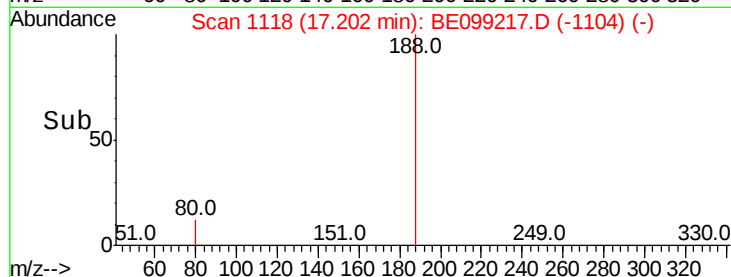
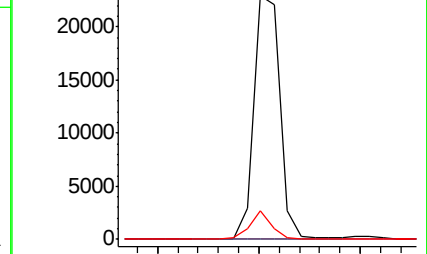
80 11.8 4.5 6.7#



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: 0.323 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

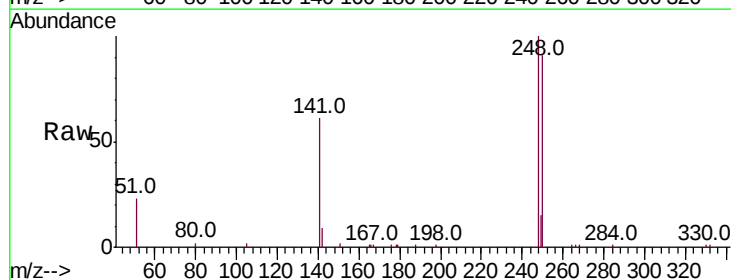
Tgt Ion:248 Resp: 8519

Ion Ratio Lower Upper

248 100

250 90.5 84.2 126.2

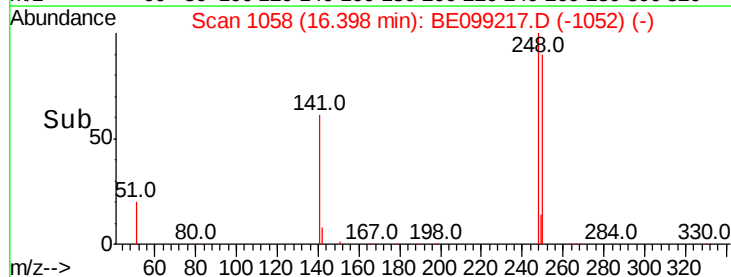
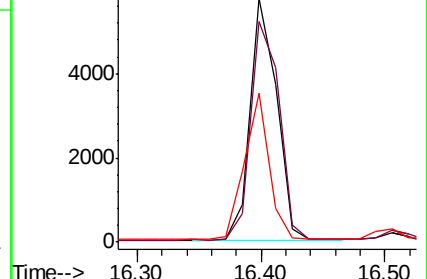
141 61.2 21.8 32.6#

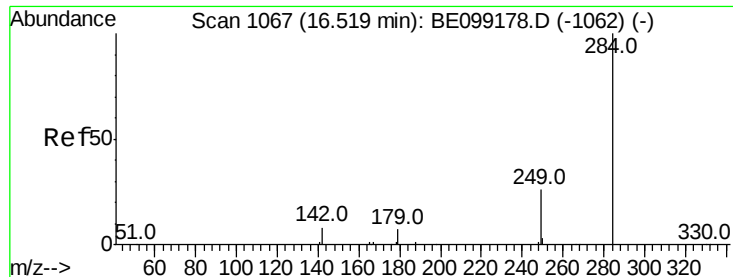


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.333 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

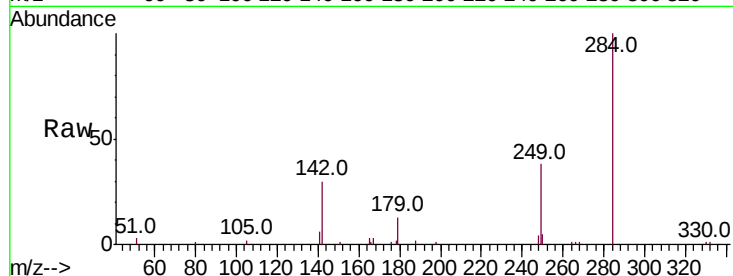
Tot Ion:284 Resp: 8496

Ion Ratio Lower Upper

284 100

142 29.1 22.7 34.1

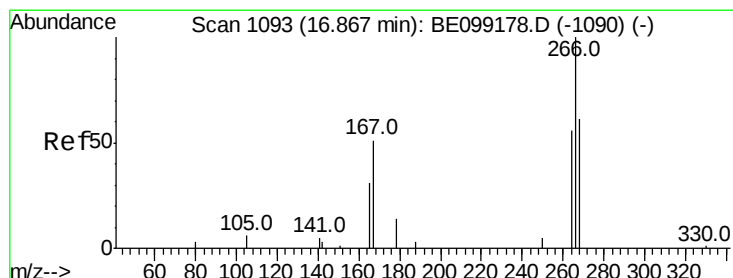
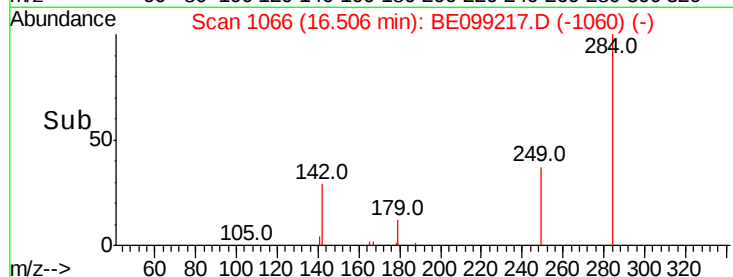
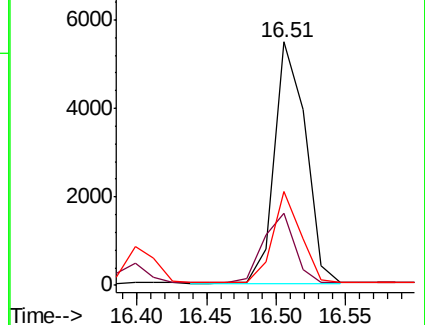
249 34.5 26.9 40.3



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: 0.702 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

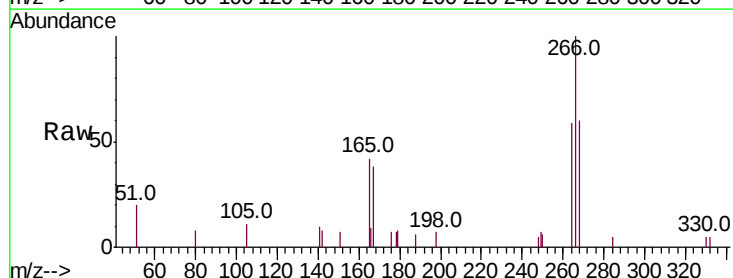
Tgt Ion:266 Resp: 1810

Ion Ratio Lower Upper

266 100

264 59.1 54.4 81.6

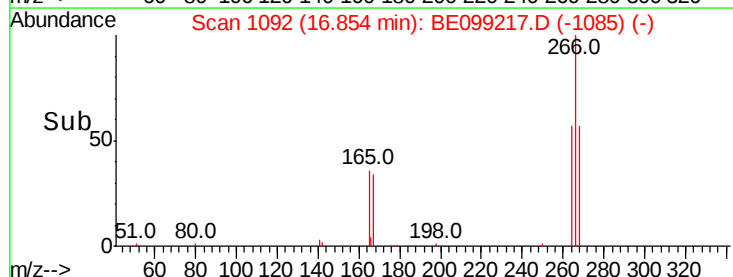
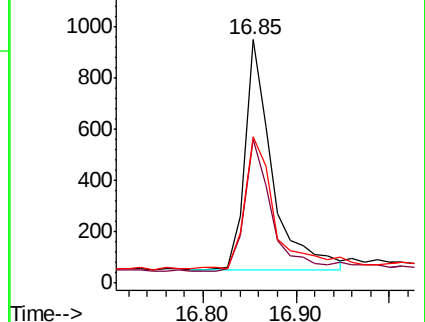
268 60.1 61.3 91.9#

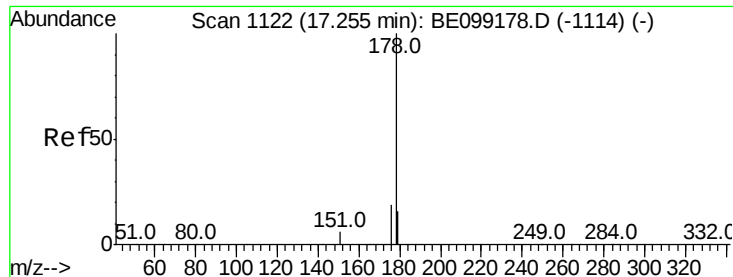


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.338 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

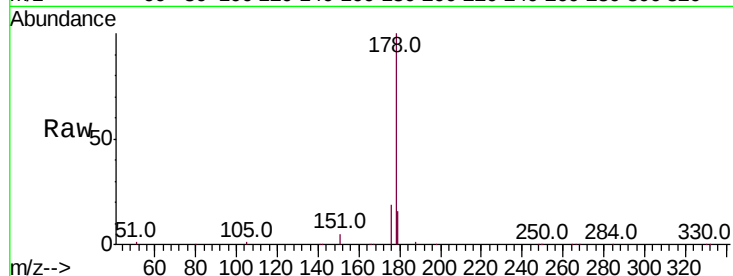
Tot Ion:178 Resp: 40672

Ion Ratio Lower Upper

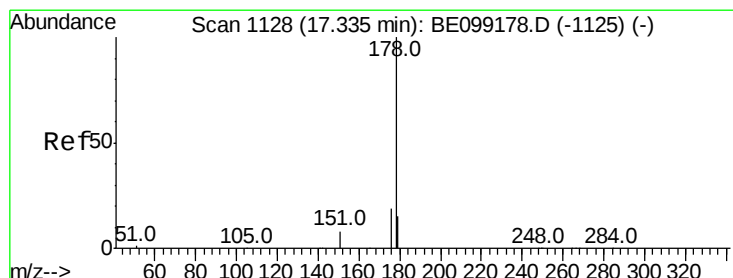
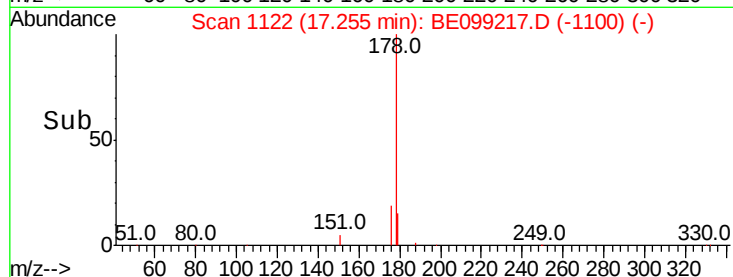
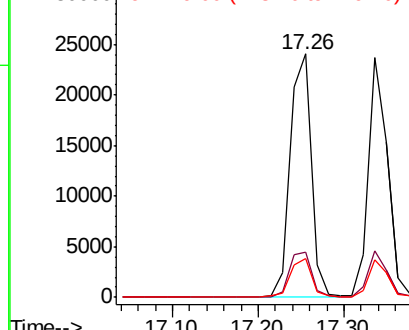
178 100

176 19.3 15.4 23.2

179 15.3 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



#24

Anthracene

Concen: 0.334 ng

RT: 17.34 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

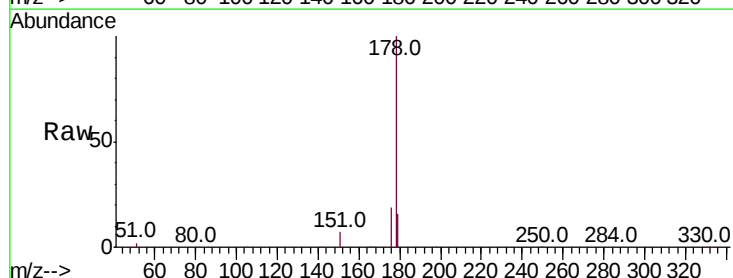
Tgt Ion:178 Resp: 36269

Ion Ratio Lower Upper

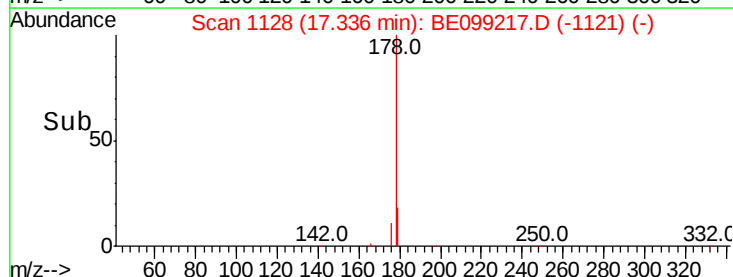
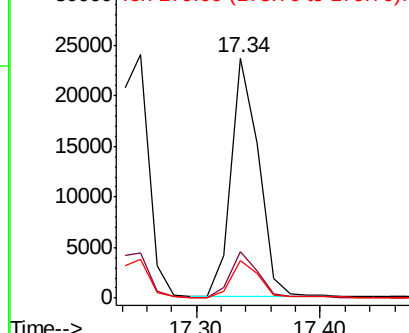
178 100

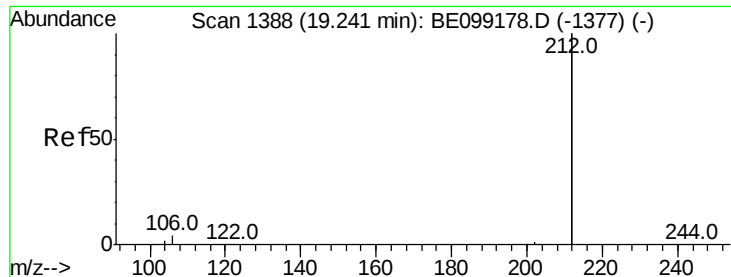
176 18.8 15.1 22.7

179 15.5 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.354 ng

RT: 19.23 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

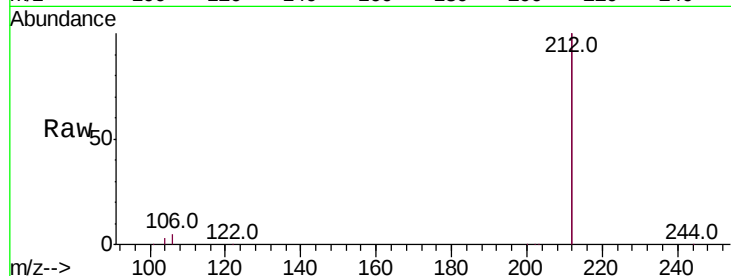
Tot Ion:212 Resp: 175779

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

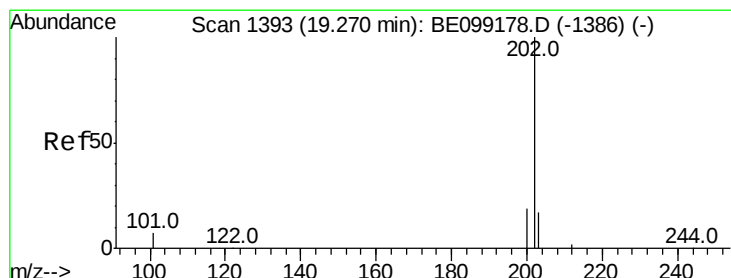
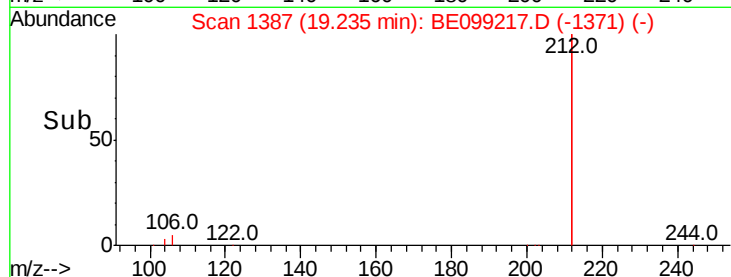
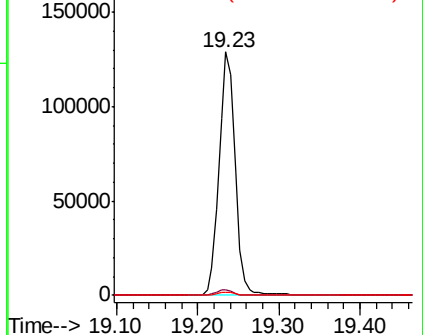
104 1.3 1.1 1.7



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: 0.340 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

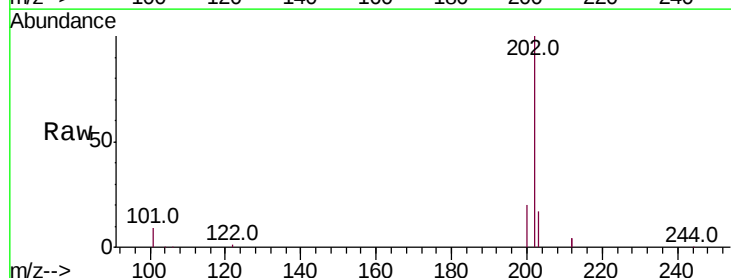
Tgt Ion:202 Resp: 52150

Ion Ratio Lower Upper

202 100

101 8.6 7.0 10.4

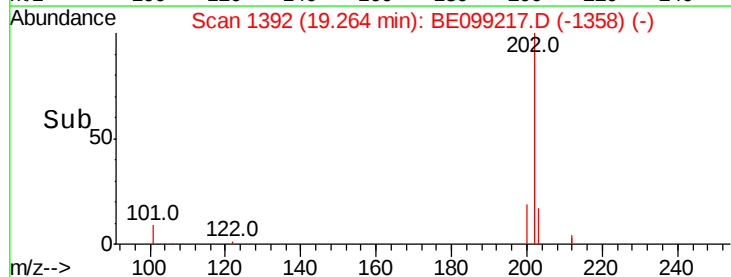
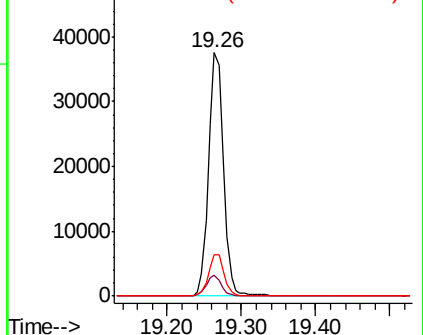
203 17.2 13.8 20.6

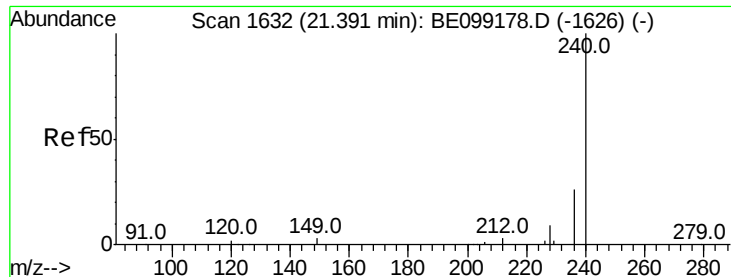


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

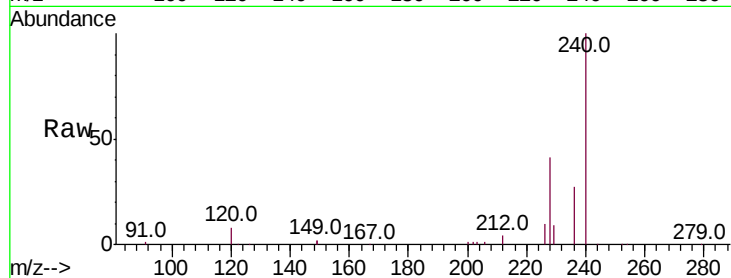
Tot Ion:240 Resp: 46973

Ion Ratio Lower Upper

240 100

120 7.9 2.6 3.8#

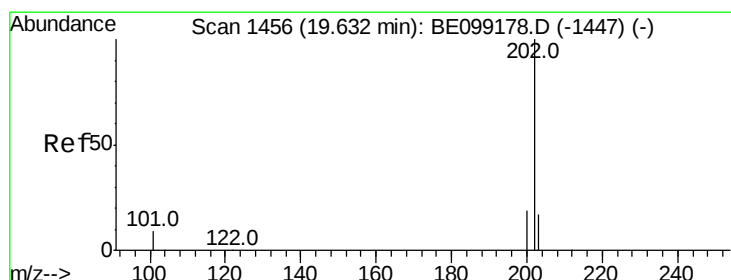
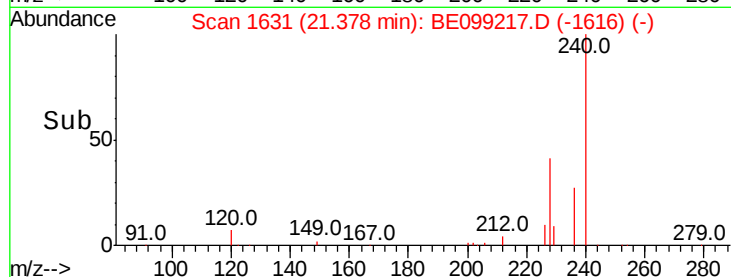
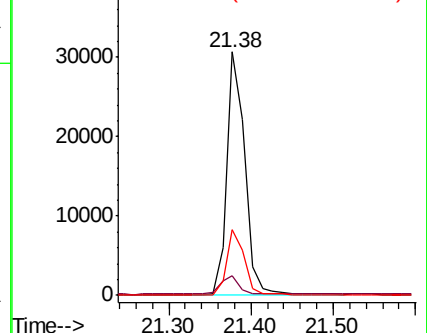
236 27.1 20.9 31.3



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: 0.343 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

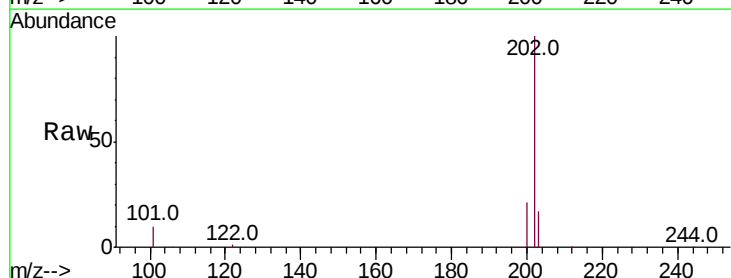
Tgt Ion:202 Resp: 53517

Ion Ratio Lower Upper

202 100

200 19.8 15.8 23.8

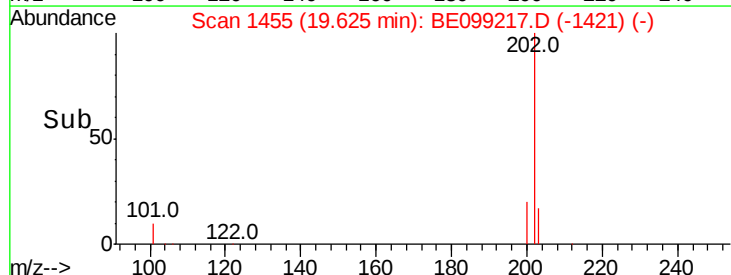
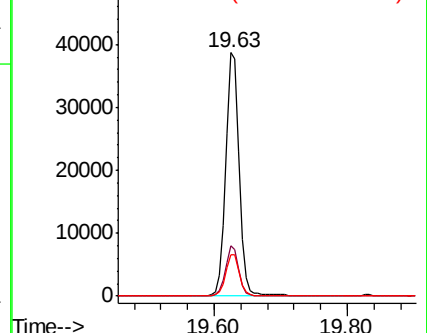
203 17.4 14.1 21.1

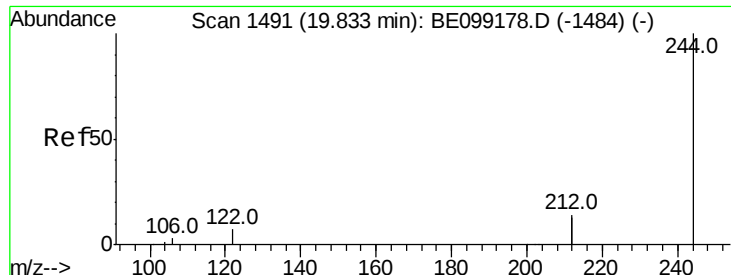


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.336 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

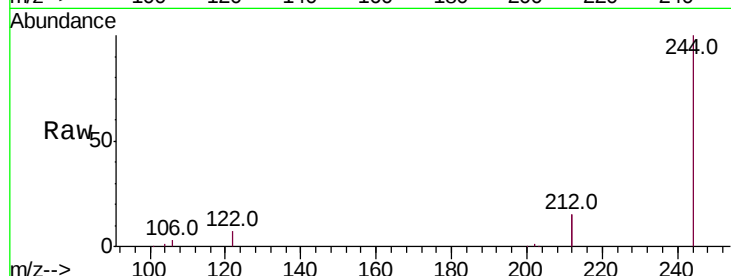
Tot Ion:244 Resp: 34287

Ion Ratio Lower Upper

244 100

212 29.9 22.7 34.1

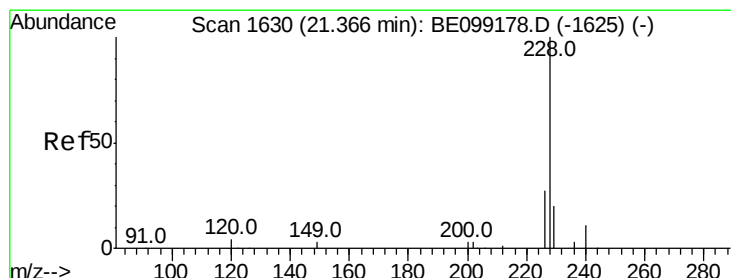
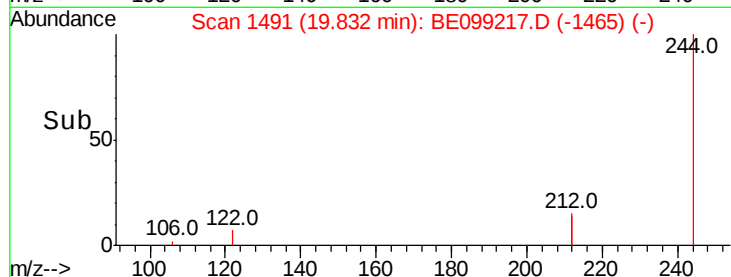
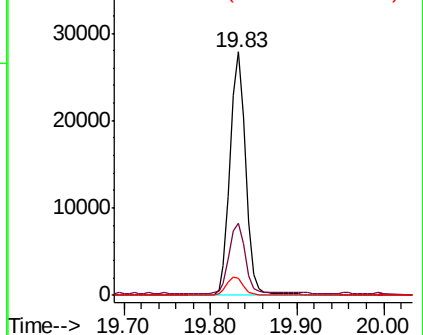
122 6.9 5.8 8.6



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: 0.342 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

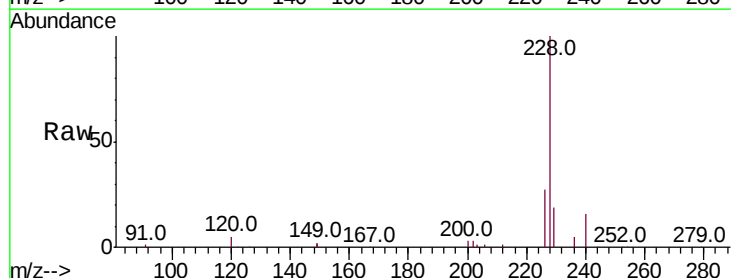
Tgt Ion:228 Resp: 53057

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

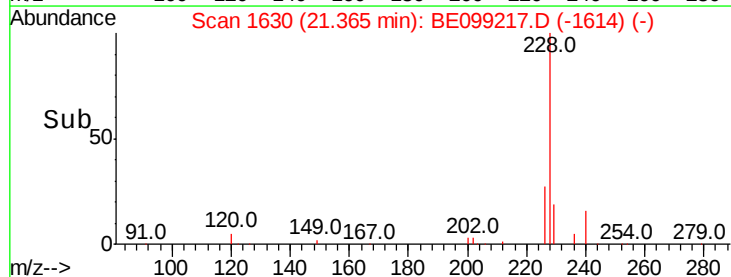
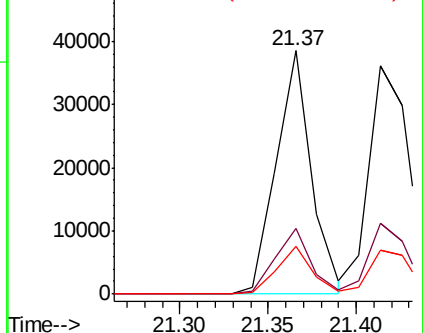
229 19.4 15.9 23.9

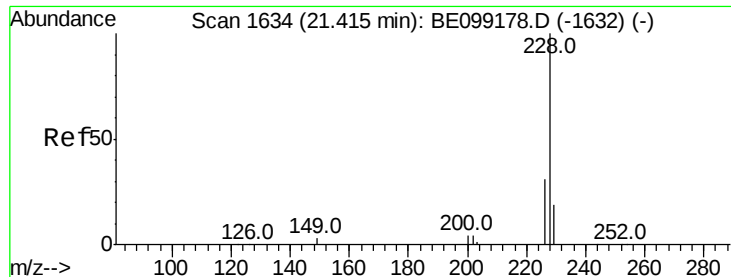


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.341 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

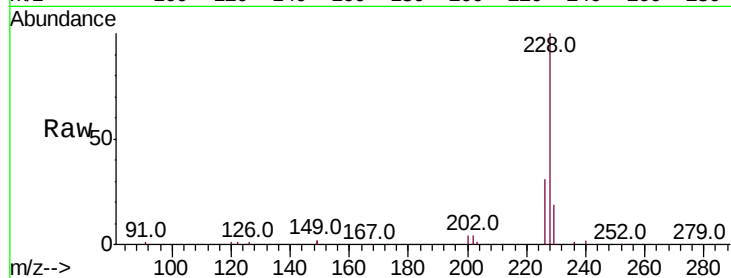
Tot Ion:228 Resp: 56543

Ion Ratio Lower Upper

228 100

226 31.1 24.8 37.2

229 19.4 15.4 23.0

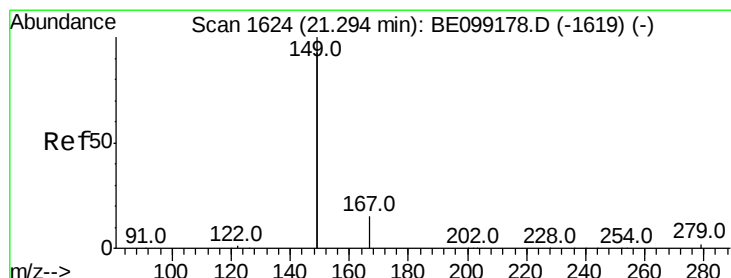
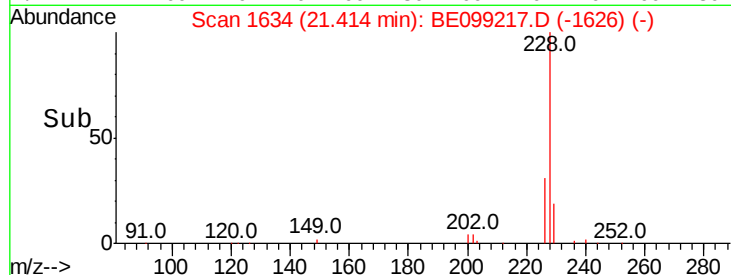
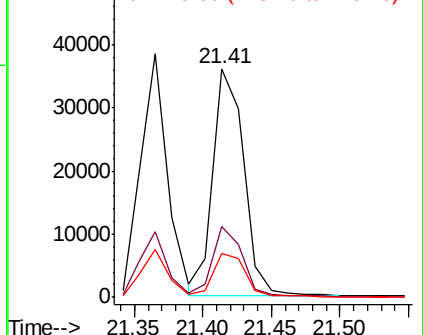


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.355 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

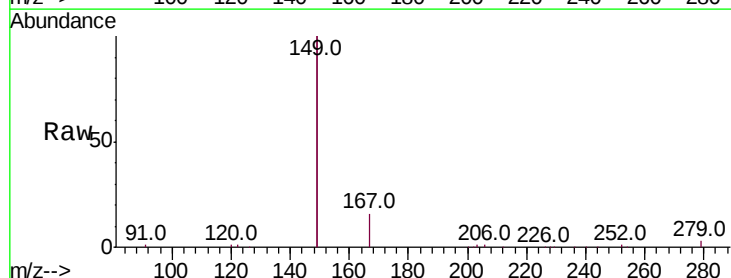
Tgt Ion:149 Resp: 65713

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

279 1.1 1.0 1.6

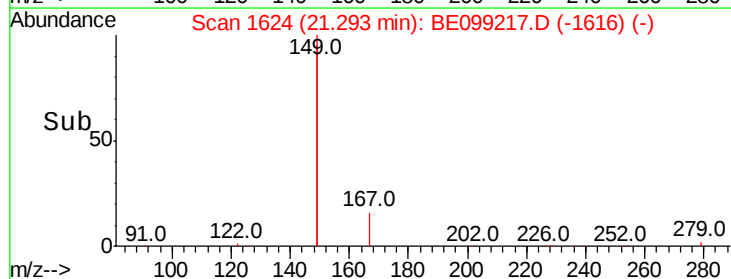
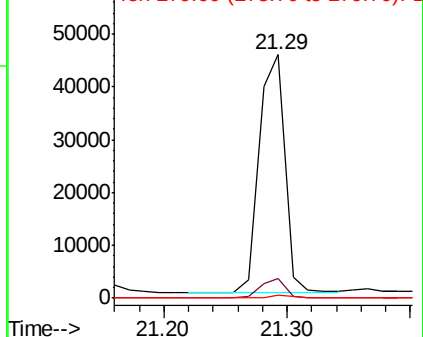


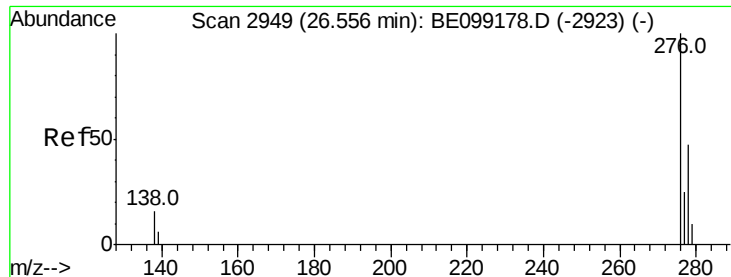
Abundance

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

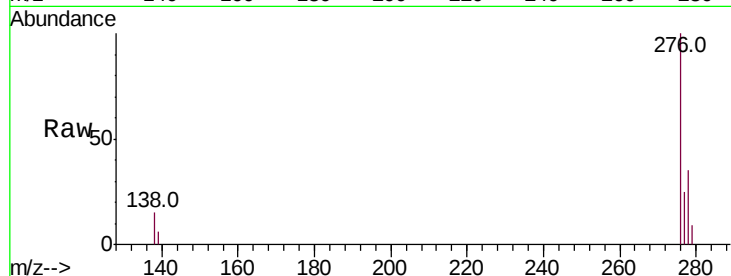




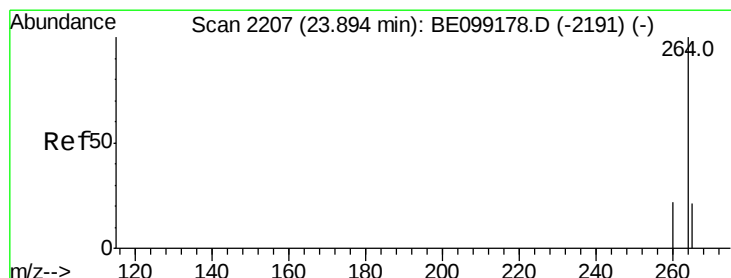
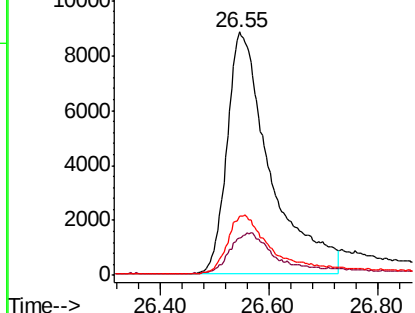
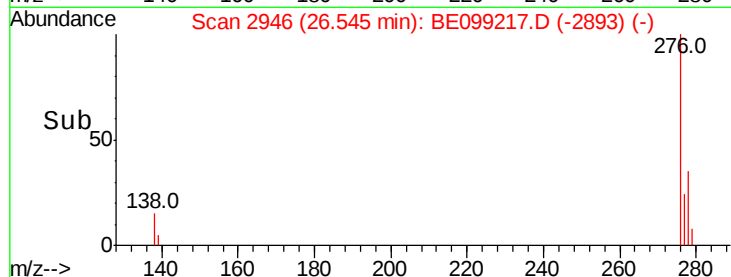
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.310 ng
 RT: 26.55 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BE099217.D
 Acq: 26 Mar 2019 16:15

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 48652
 Ion Ratio Lower Upper
 276 100
 138 0.0 12.9 19.3#
 277 0.0 18.3 27.5#

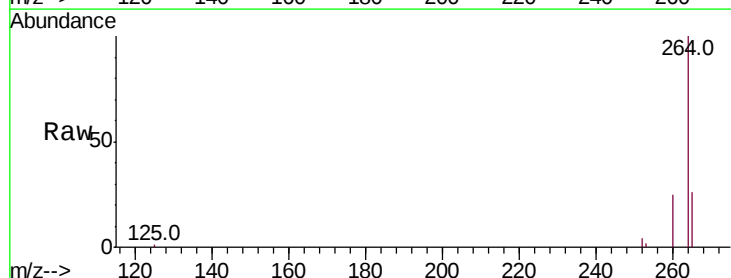


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

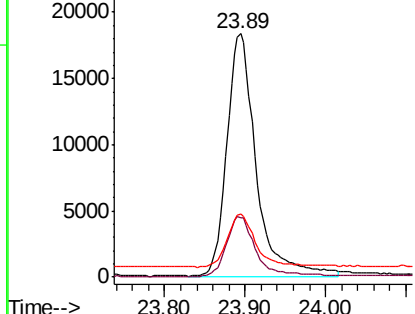
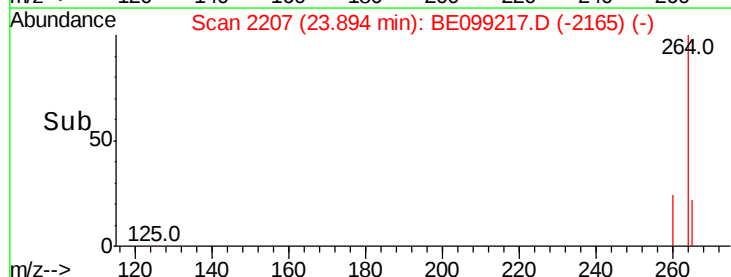


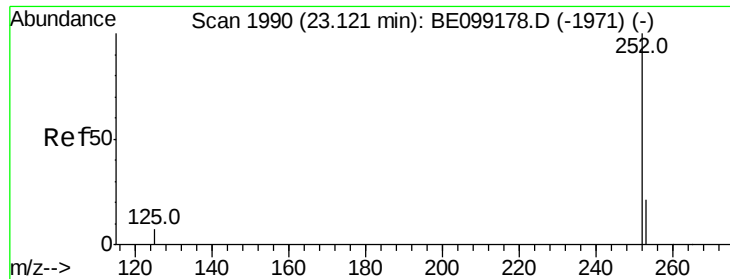
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE099217.D
 Acq: 26 Mar 2019 16:15

Tgt Ion:264 Resp: 46035
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.2 27.2
 265 25.7 21.8 32.8



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

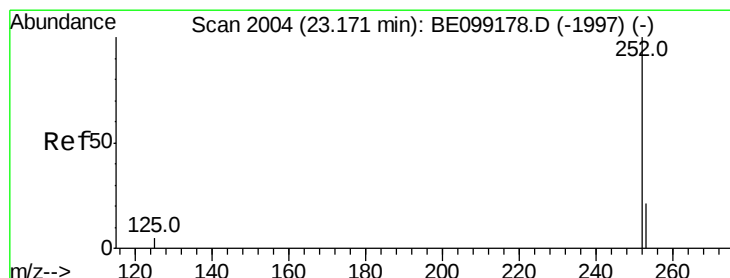
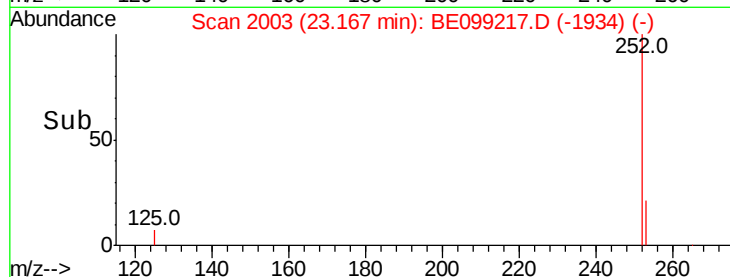
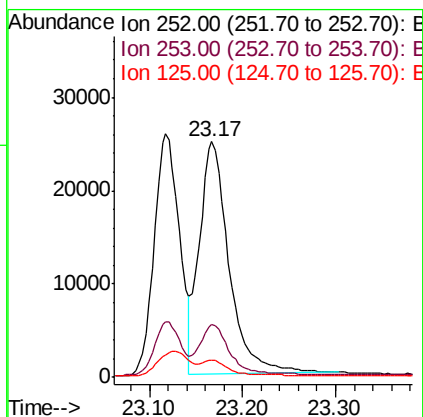
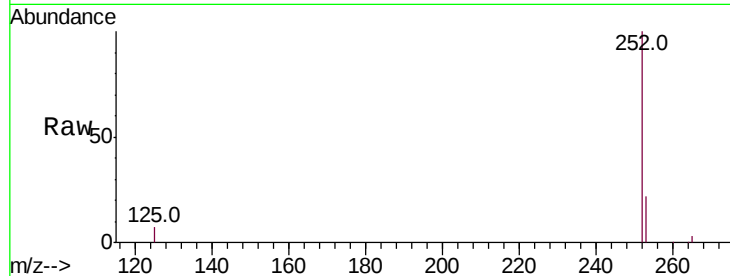




#35
Benzo(b)fluoranthene
Concen: 0.365 ng
RT: 23.17 min Scan# 2003
Delta R.T. 0.05 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

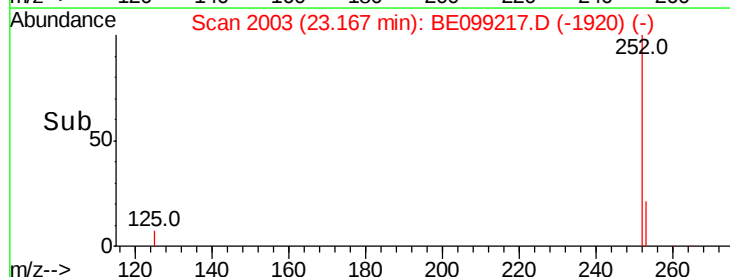
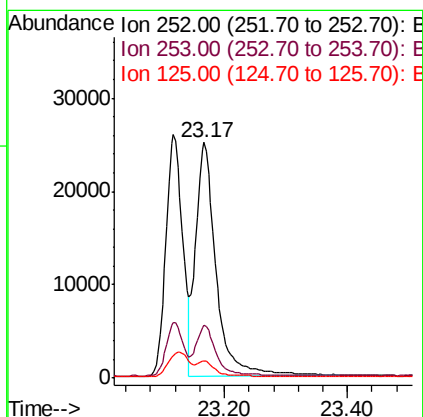
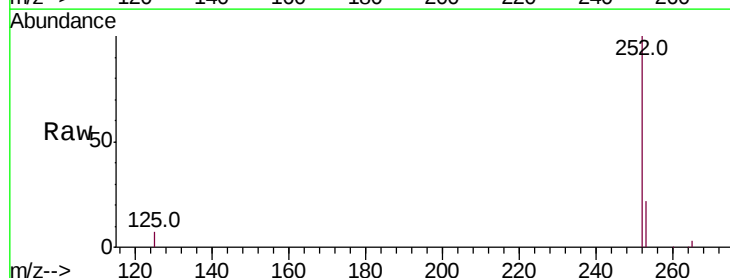
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

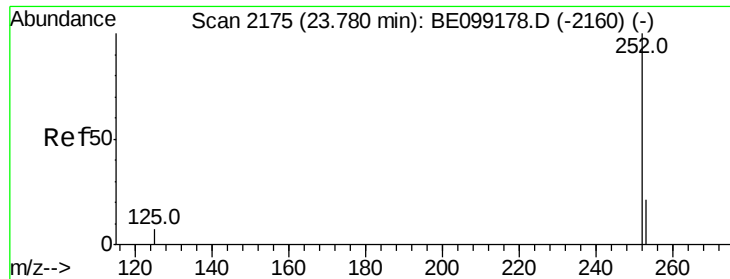
Tot Ion:252 Resp: 55347
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 7.3 6.1 9.1



#36
Benzo(k)fluoranthene
Concen: 0.360 ng
RT: 23.17 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:252 Resp: 57683
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 7.3 5.9 8.9





#37

Benzo(a)pyrene

Concen: 0.344 ng

RT: 23.78 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

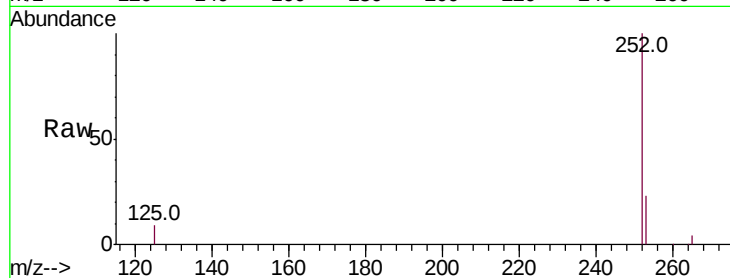
Tot Ion:252 Resp: 48693

Ion Ratio Lower Upper

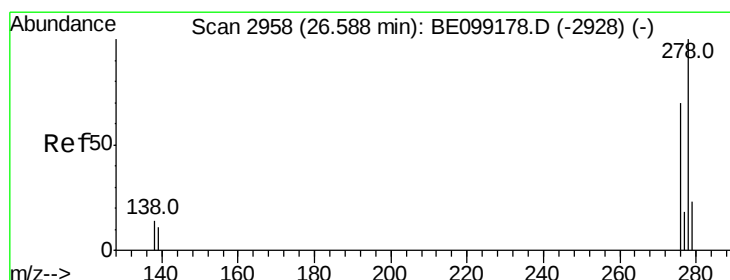
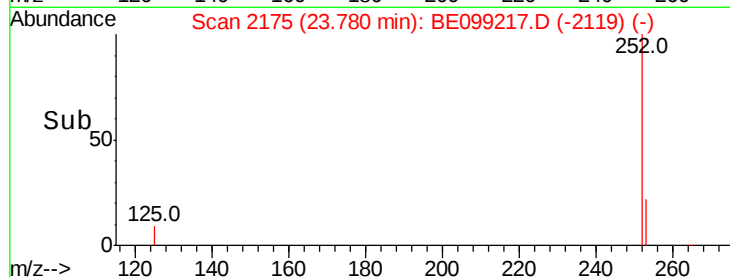
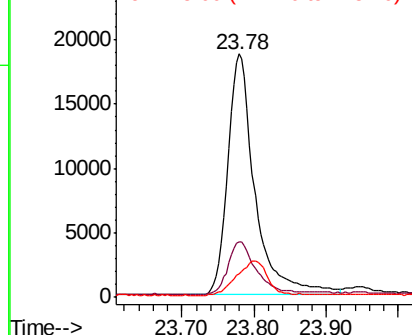
252 100

253 22.6 18.1 27.1

125 9.5 6.8 10.2



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



#38

Dibenzo(a,h)anthracene

Concen: 0.294 ng

RT: 26.58 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

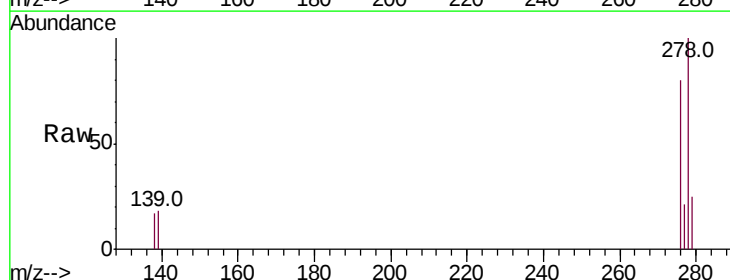
Tgt Ion:278 Resp: 36935

Ion Ratio Lower Upper

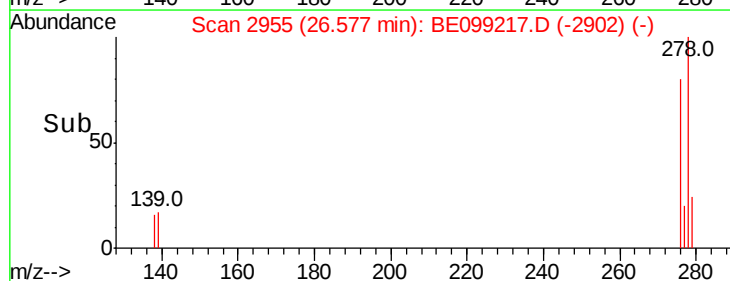
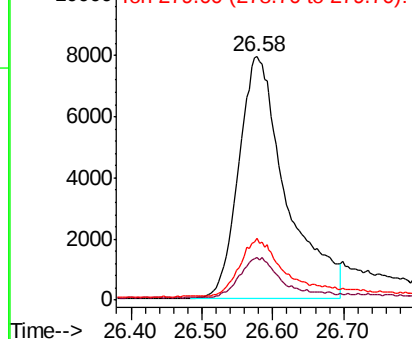
278 100

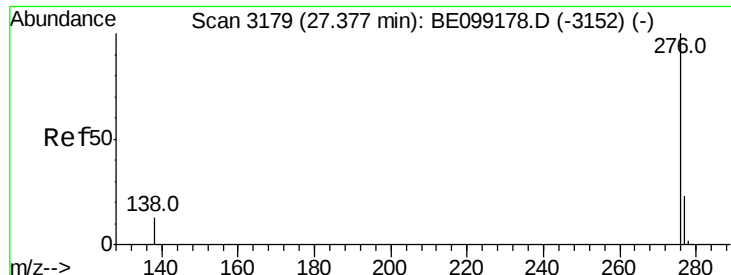
139 17.5 9.5 14.3#

279 25.2 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.300 ng

RT: 27.37 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

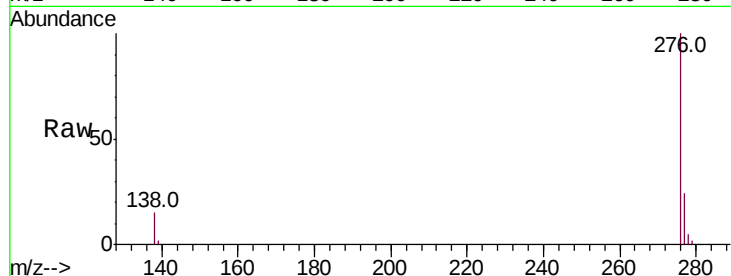
Tot Ion:276 Resp: 37799

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 15.2 11.1 16.7



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

