

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052919\
 Data File : BE099772.D
 Acq On : 29 May 2019 12:32
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4

Quant Time: May 29 13:27:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1637	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5665	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	4100	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12161	0.40	ng	0.00
27) Chrysene-d12	21.41	240	17998	0.40	ng	0.00
34) Perylene-d12	23.95	264	21144	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1524	0.37	ng	0.00
5) Phenol-d6	6.97	99	1965	0.36	ng	0.00
8) Nitrobenzene-d5	8.96	82	1882	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3517	0.36	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	843	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	5494	0.35	ng	0.00
25) Fluoranthene-d10	19.25	212	58559	0.35	ng	-0.01
29) Terphenyl-d14	19.86	244	11758	0.37	ng	-0.01

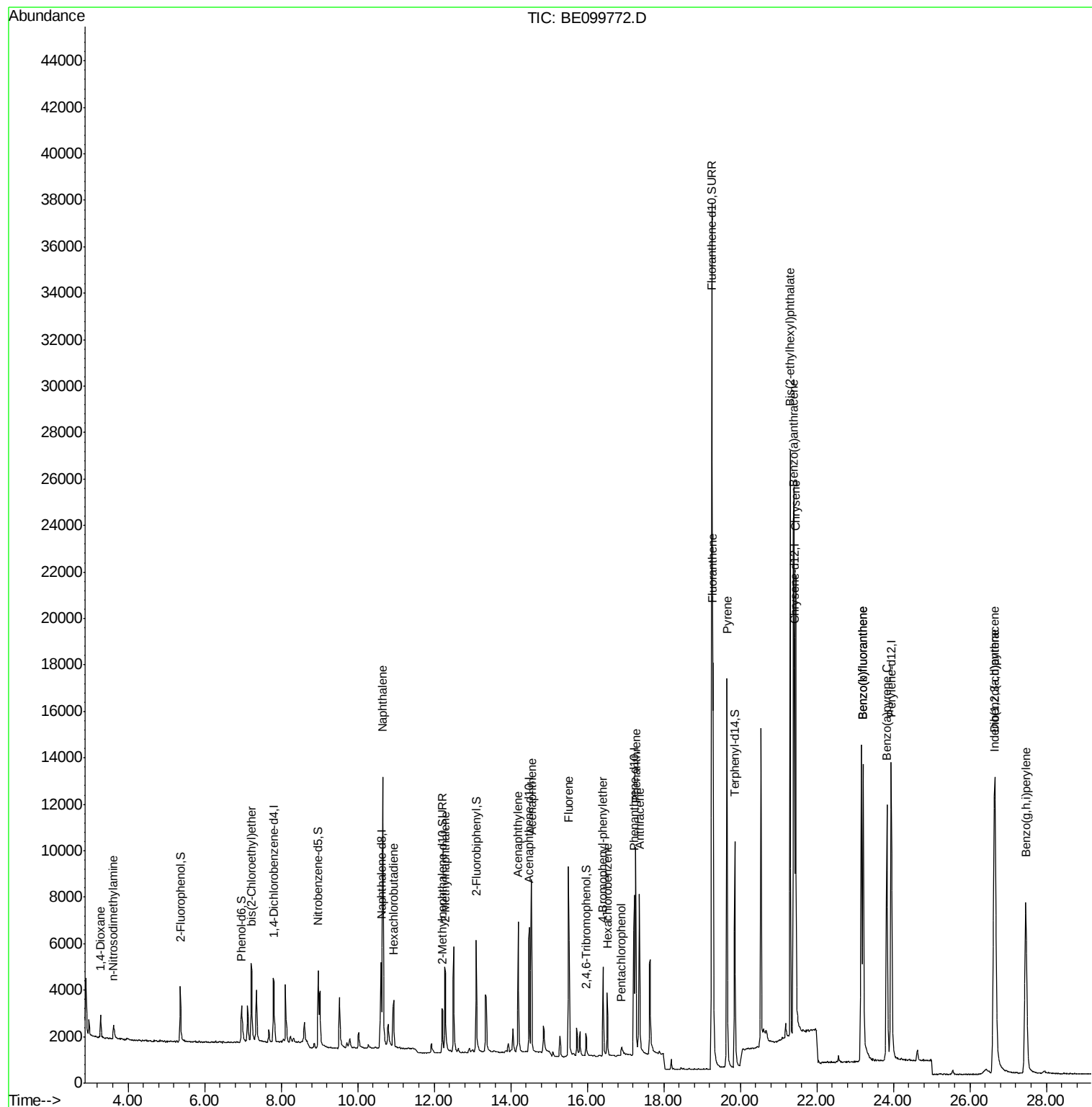
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	898	0.371	ng	# 94
3) n-Nitrosodimethylamine	3.62	42	477	0.356	ng	# 85
6) bis(2-Chloroethyl)ether	7.23	93	1685	0.346	ng	96
9) Naphthalene	10.65	128	22126	0.365	ng	100
10) Hexachlorobutadiene	10.94	225	1631	0.366	ng	99
12) 2-Methylnaphthalene	12.28	142	3528	0.357	ng	97
16) Acenaphthylene	14.20	152	6859	0.359	ng	100
17) Acenaphthene	14.54	154	3767	0.351	ng	99
18) Fluorene	15.51	166	5565	0.352	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	2412	0.344	ng	# 87
21) Hexachlorobenzene	16.52	284	2442	0.340	ng	97
22) Pentachlorophenol	16.89	266	520	0.416	ng	96
23) Phenanthrene	17.27	178	10482	0.353	ng	100
24) Anthracene	17.36	178	9261	0.344	ng	99
26) Fluoranthene	19.29	202	16691	0.355	ng	99
28) Pyrene	19.65	202	17437	0.386	ng	100
30) Benzo(a)anthracene	21.39	228	20867	0.408	ng	99
31) Chrysene	21.45	228	20534	0.376	ng	97
32) Bis(2-ethylhexyl)phthalate	21.31	149	26411	0.448	ng	99
33) Indeno(1,2,3-cd)pyrene	26.63	276	25471	0.386	ng	98
35) Benzo(b)fluoranthene	23.21	252	21069	0.364	ng	100
36) Benzo(k)fluoranthene	23.21	252	21069	0.349	ng	99
37) Benzo(a)pyrene	23.83	252	20044	0.359	ng	# 97
38) Dibenzo(a,h)anthracene	26.66	278	20883	0.357	ng	# 98
39) Benzo(g,h,i)perylene	27.47	276	21368	0.361	ng	99

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

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Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: May 29 13:27:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
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QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

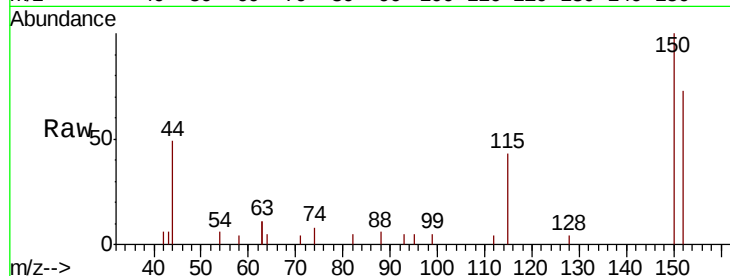
Tot Ion:152 Resp: 1637

Ion Ratio Lower Upper

152 100

150 137.5 109.2 163.8

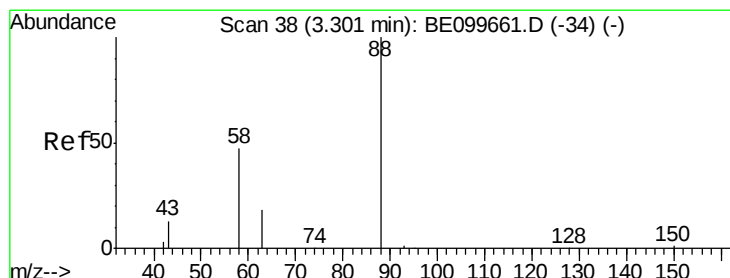
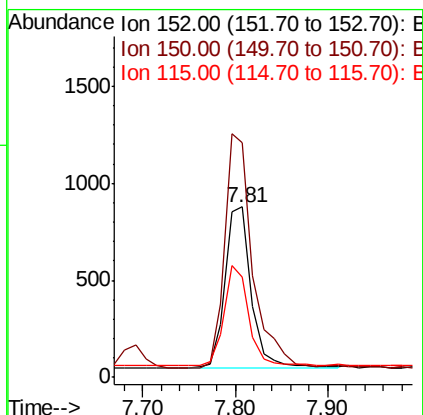
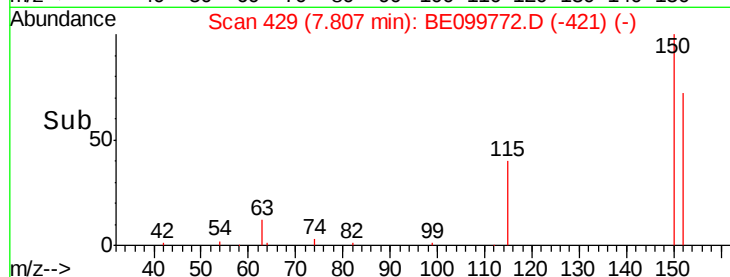
115 58.5 43.7 65.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.371 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.02 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

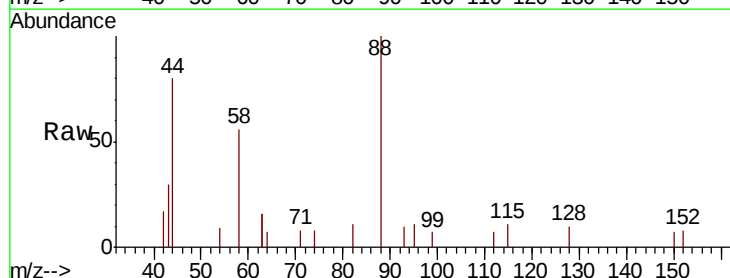
Tgt Ion: 88 Resp: 898

Ion Ratio Lower Upper

88 100

58 54.1 41.8 62.8

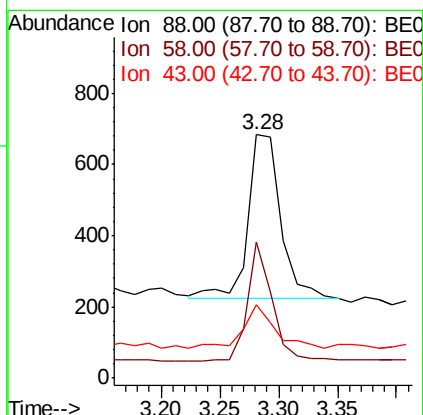
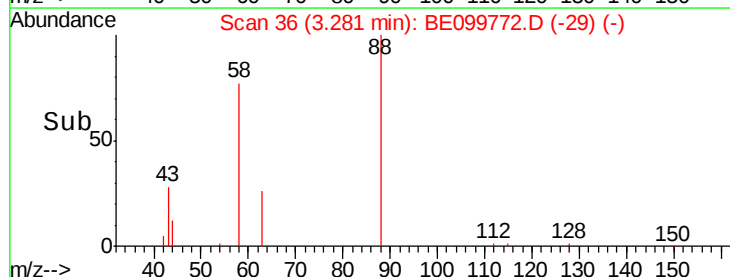
43 25.6 15.0 22.4#

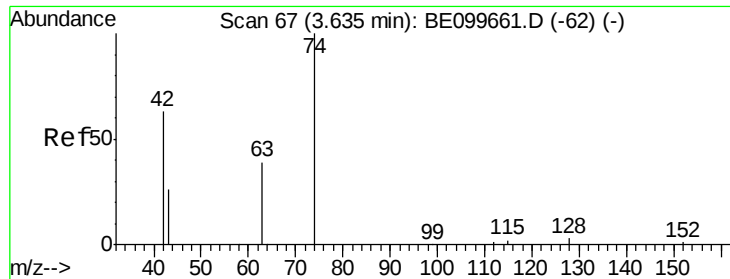


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.356 ng

RT: 3.62 min Scan# 65

Delta R.T. -0.02 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

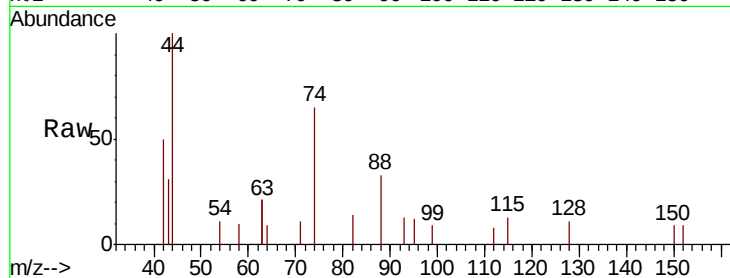
Tot Ion: 42 Resp: 477

Ion Ratio Lower Upper

42 100

74 182.0 129.2 193.8

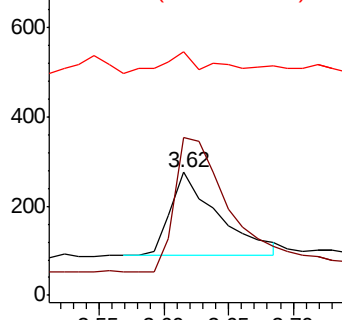
44 21.4 0.0 0.0#



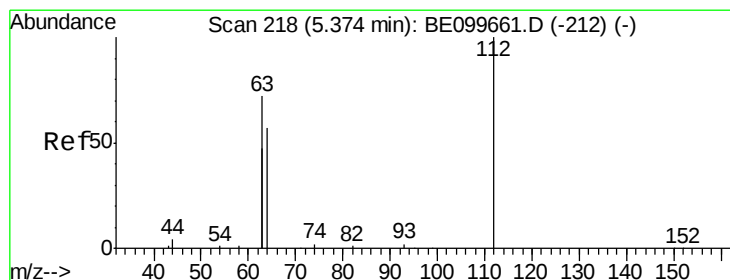
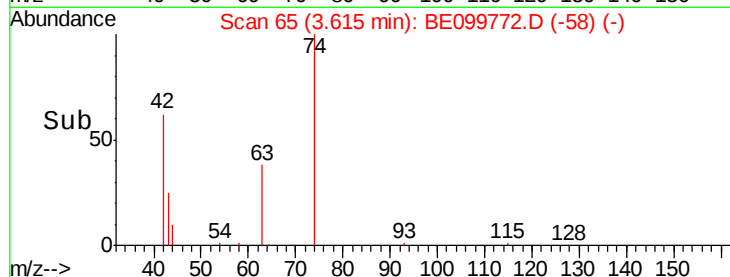
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.368 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

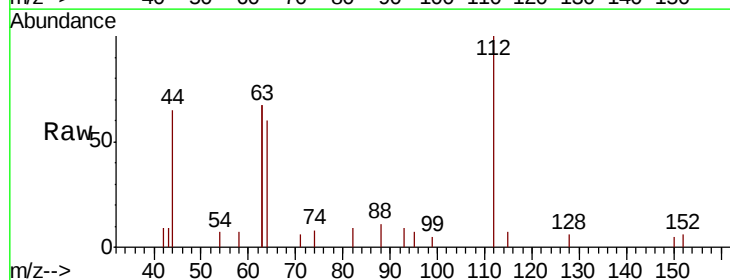
Tgt Ion: 112 Resp: 1524

Ion Ratio Lower Upper

112 100

64 55.0 43.4 65.2

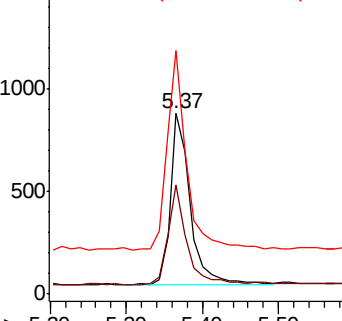
63 116.6 96.9 145.3



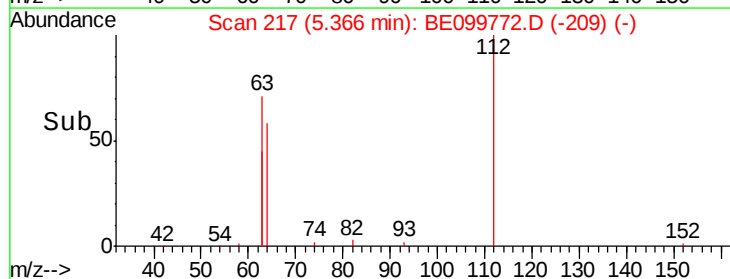
Abundance Ion 112.00 (111.70 to 112.70): E

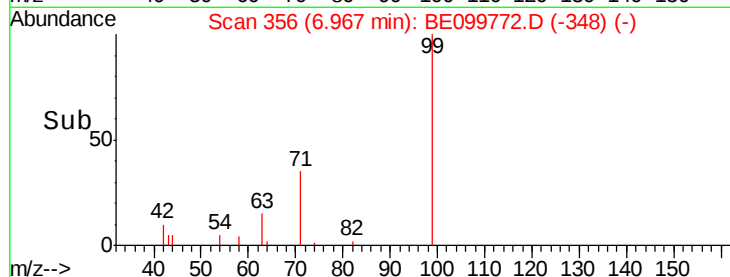
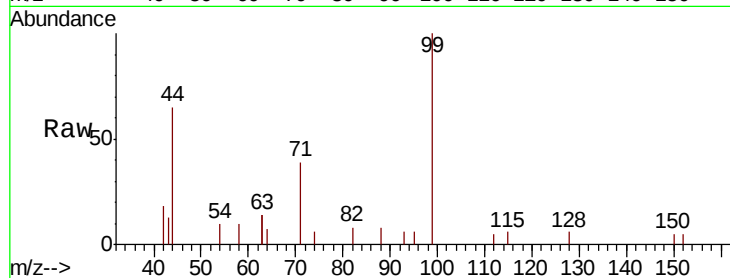
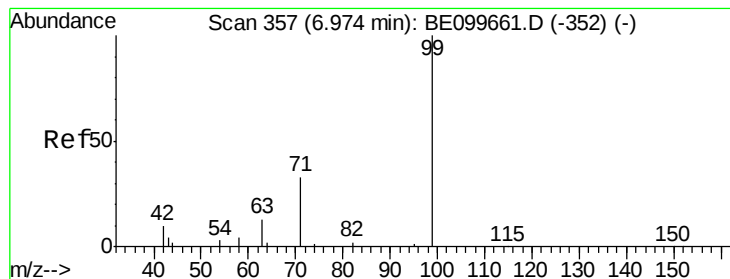
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.359 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

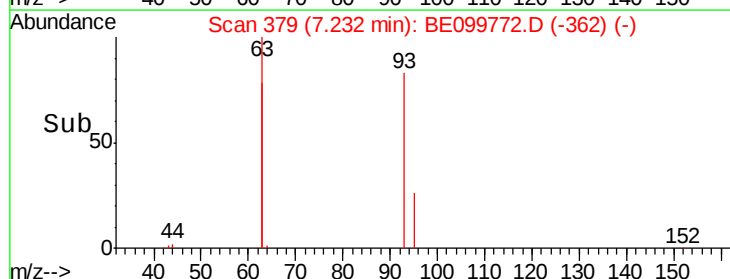
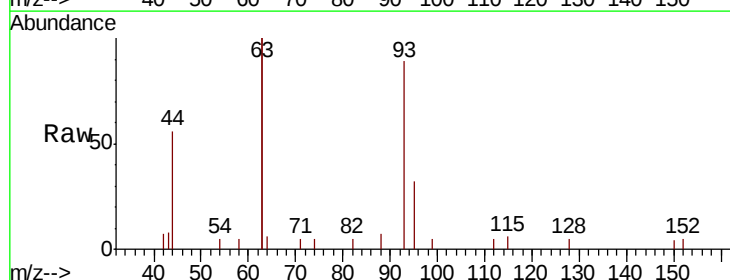
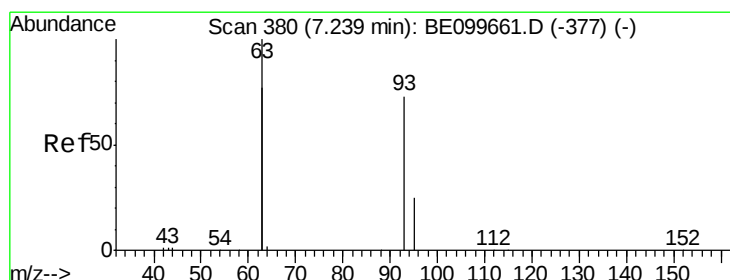
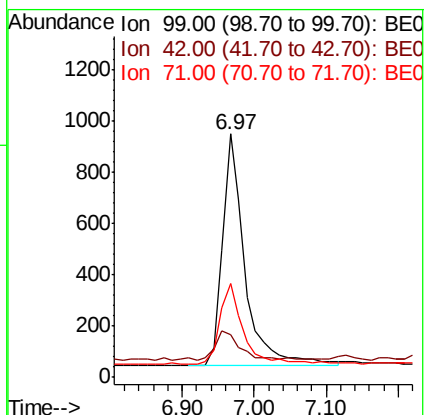
Tot Ion: 99 Resp: 1965

Ion Ratio Lower Upper

99 100

42 13.3 12.2 18.2

71 36.2 28.9 43.3



#6

bis(2-Chloroethyl)ether

Concen: 0.346 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

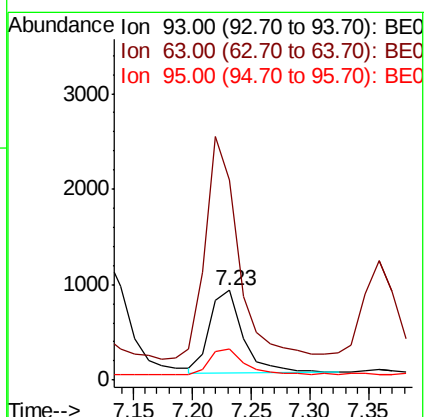
Tgt Ion: 93 Resp: 1685

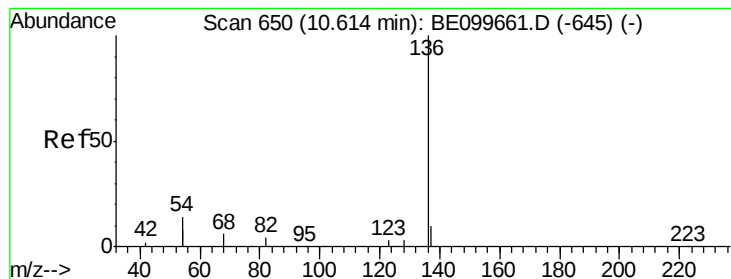
Ion Ratio Lower Upper

93 100

63 268.1 207.8 311.6

95 32.9 25.9 38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 5665

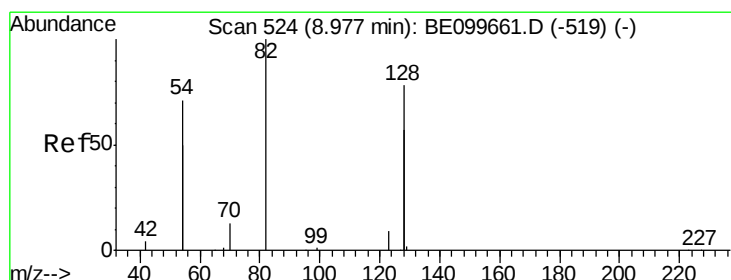
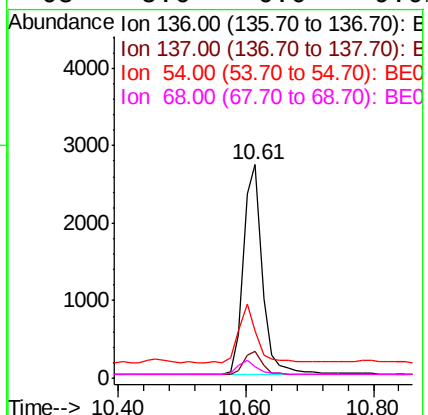
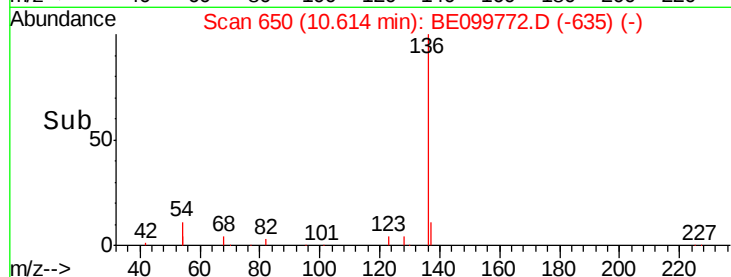
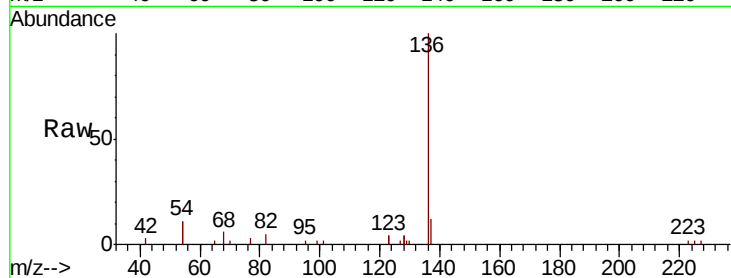
Ion Ratio Lower Upper

136 100

137 12.5 9.0 13.6

54 22.1 22.3 33.5#

68 5.6 6.0 9.0#



#8

Nitrobenzene-d5

Concen: 0.384 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

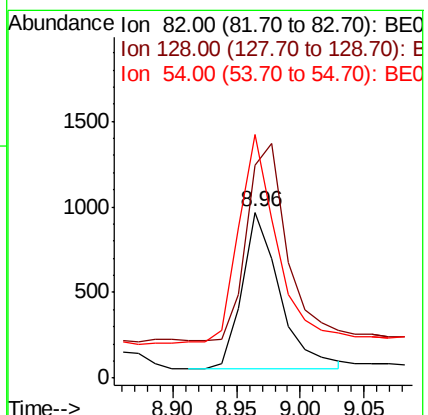
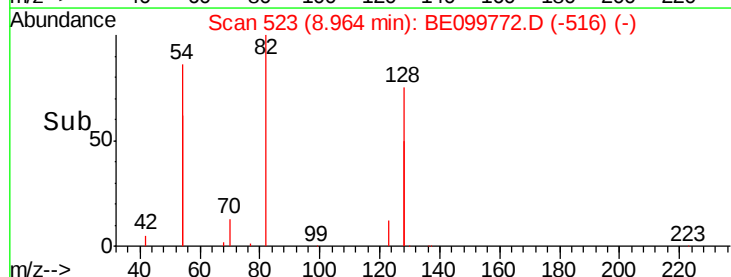
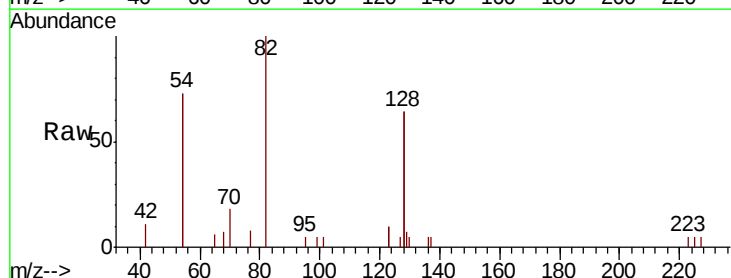
Tgt Ion: 82 Resp: 1882

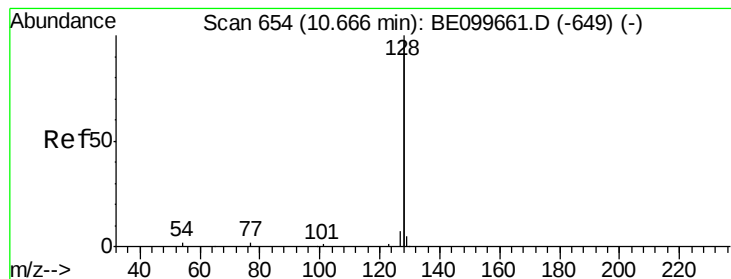
Ion Ratio Lower Upper

82 100

128 128.3 117.7 176.5

54 146.9 106.6 160.0





#9

Naphthalene

Concen: 0.365 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

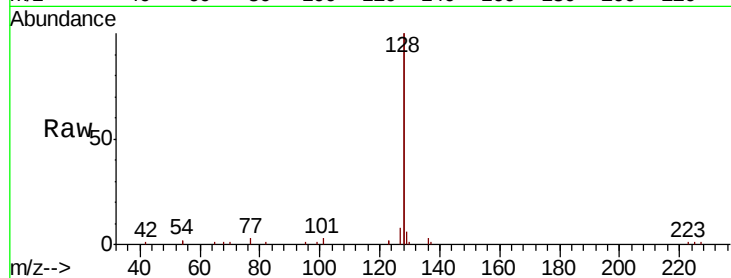
Tot Ion:128 Resp: 22126

Ion Ratio Lower Upper

128 100

129 3.1 2.4 3.6

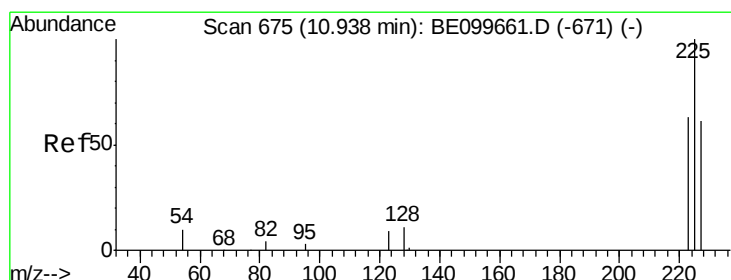
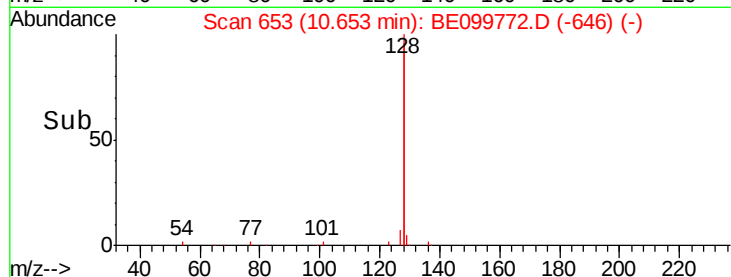
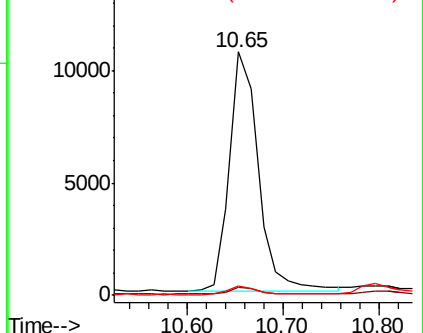
127 3.8 2.9 4.3



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: 0.366 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

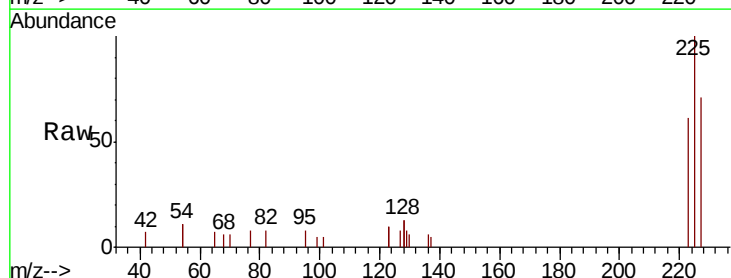
Tgt Ion:225 Resp: 1631

Ion Ratio Lower Upper

225 100

223 64.2 51.8 77.6

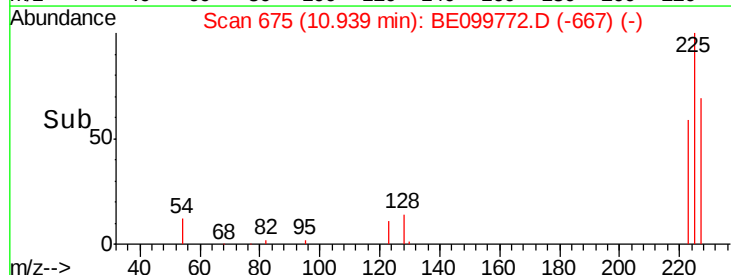
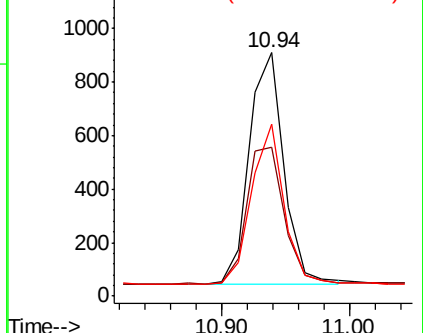
227 64.7 52.6 79.0

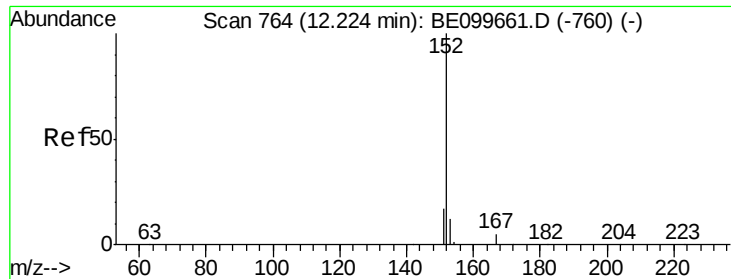


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

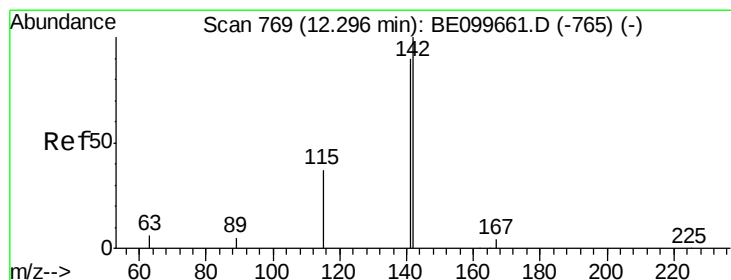
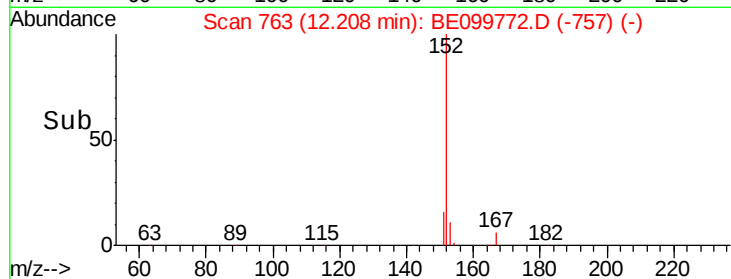
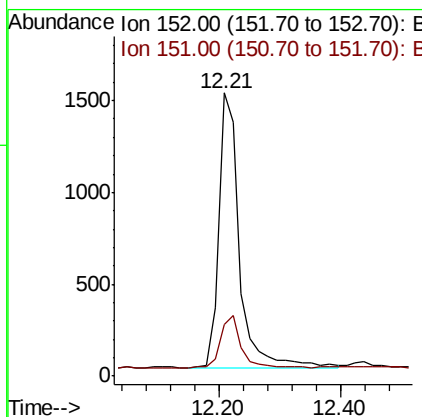
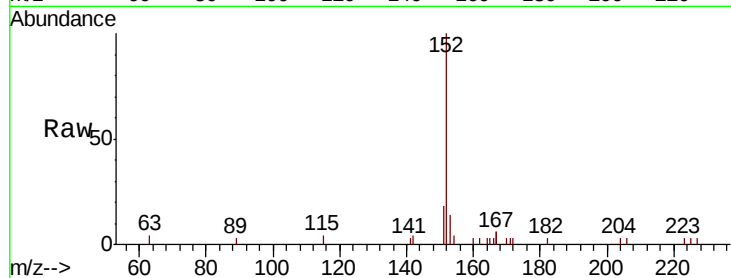




#11
 2-Methylnaphthalene-d10
 Concen: 0.360 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.02 min
 Lab File: BE099772.D
 Acq: 29 May 2019 12:32

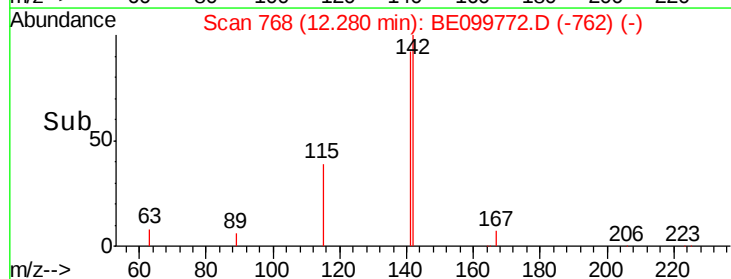
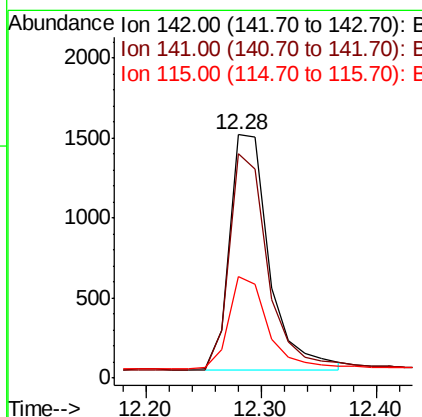
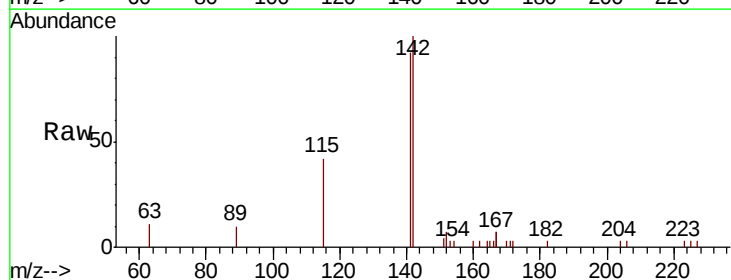
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:152 Resp: 3517
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.357 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BE099772.D
 Acq: 29 May 2019 12:32

Tgt Ion:142 Resp: 3528
 Ion Ratio Lower Upper
 142 100
 141 92.3 72.0 108.0
 115 41.8 31.0 46.4

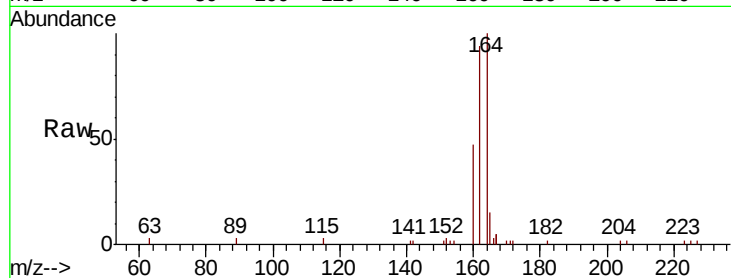




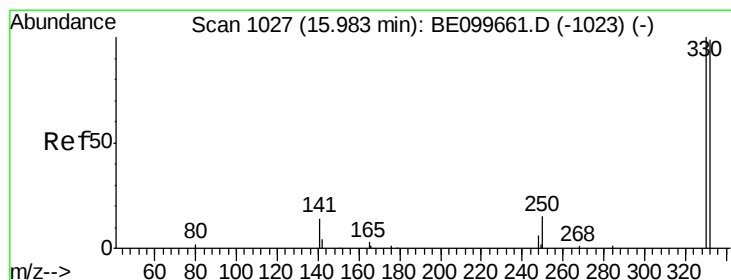
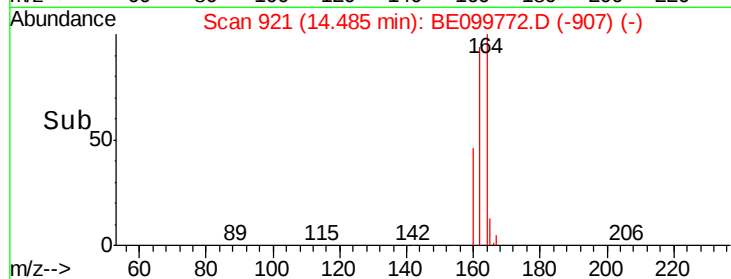
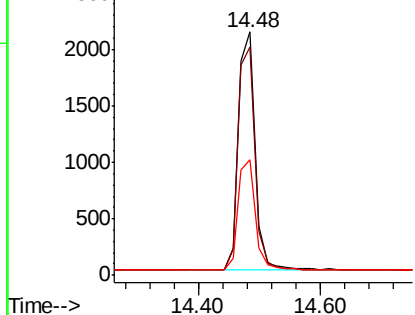
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099772.D
Acq: 29 May 2019 12:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:164 Resp: 4100
Ion Ratio Lower Upper
164 100
162 93.9 76.5 114.7
160 47.3 37.4 56.2

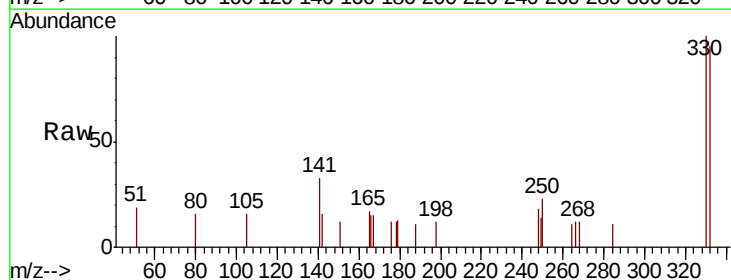


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

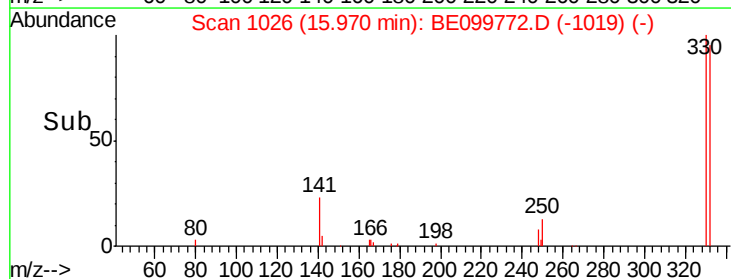
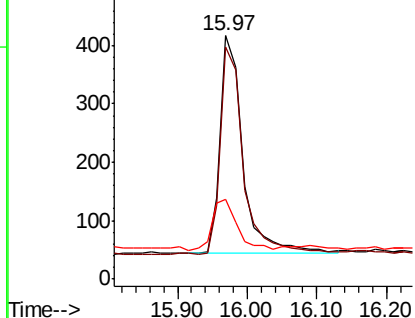


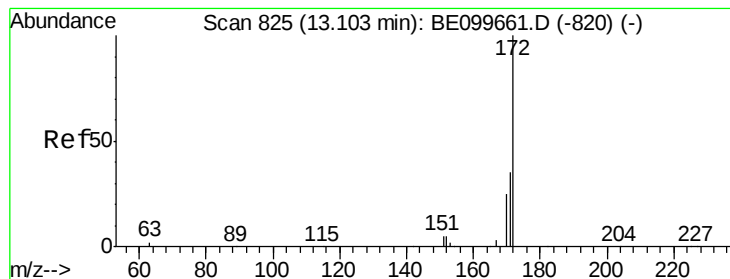
#14
2,4,6-Tribromophenol
Concen: 0.401 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099772.D
Acq: 29 May 2019 12:32

Tgt Ion:330 Resp: 843
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 26.3 18.9 28.3



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.353 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

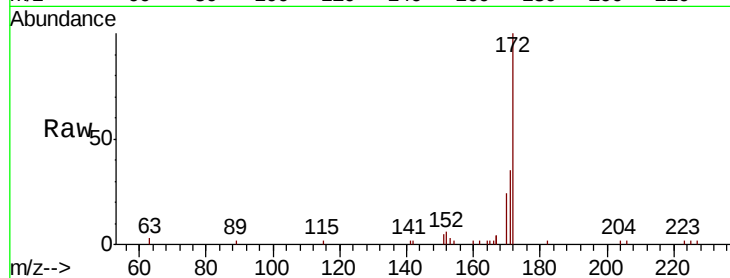
Tot Ion:172 Resp: 5494

Ion Ratio Lower Upper

172 100

171 34.8 28.7 43.1

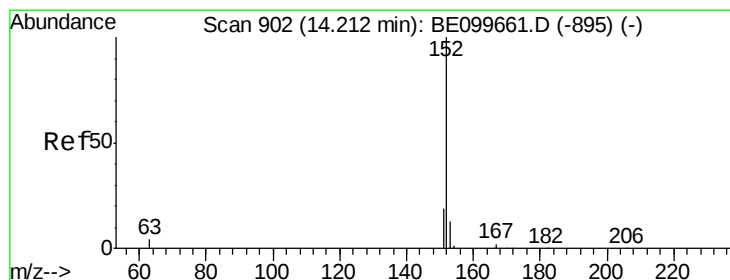
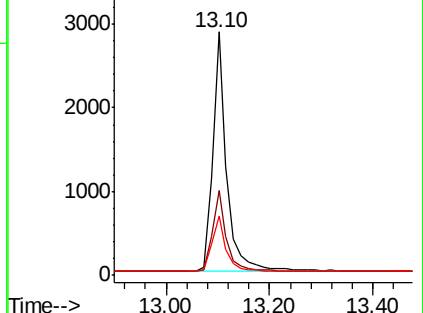
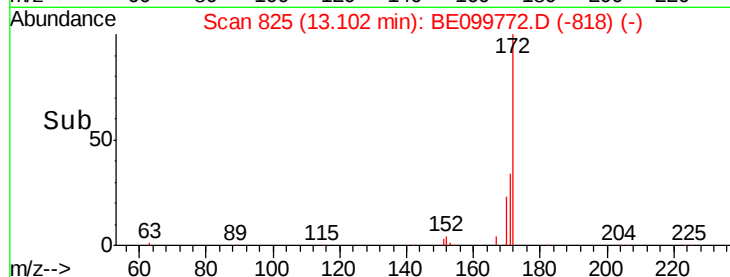
170 24.4 20.9 31.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.359 ng

RT: 14.20 min Scan# 901

Delta R.T. -0.02 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

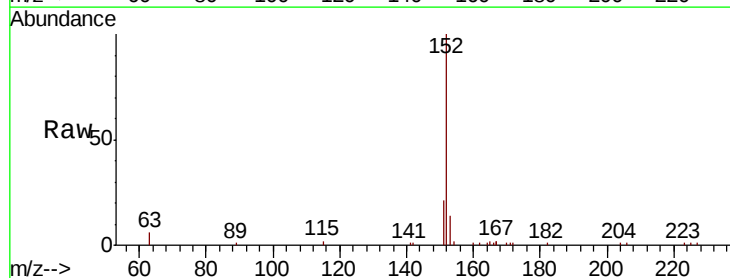
Tgt Ion:152 Resp: 6859

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

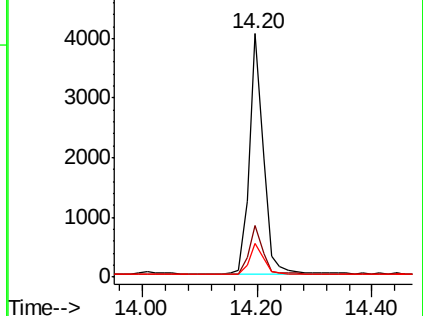
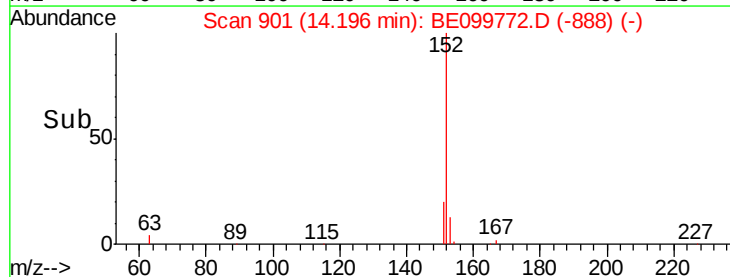
153 13.3 10.6 16.0

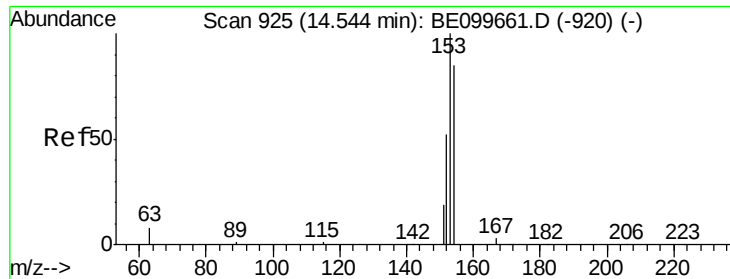


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

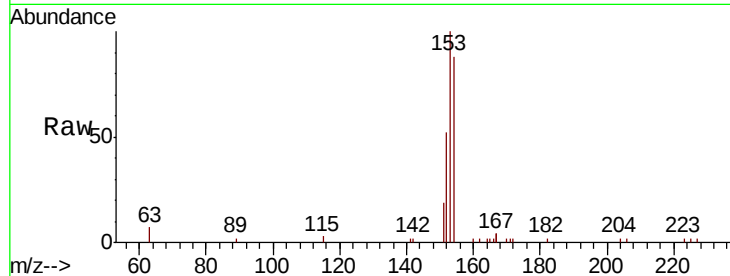




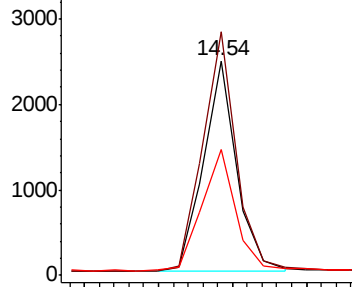
#17
Acenaphthene
Concen: 0.351 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099772.D
Acq: 29 May 2019 12:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

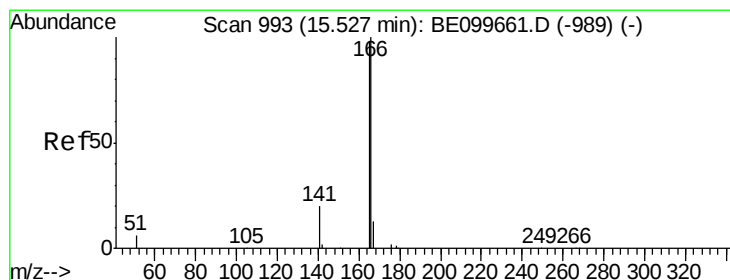
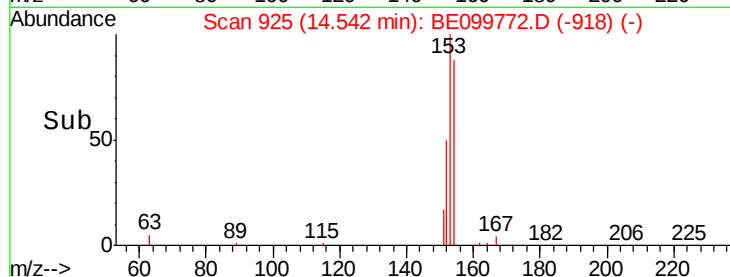
Tot Ion:154 Resp: 3767
Ion Ratio Lower Upper
154 100
153 115.7 91.8 137.6
152 59.3 46.0 69.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

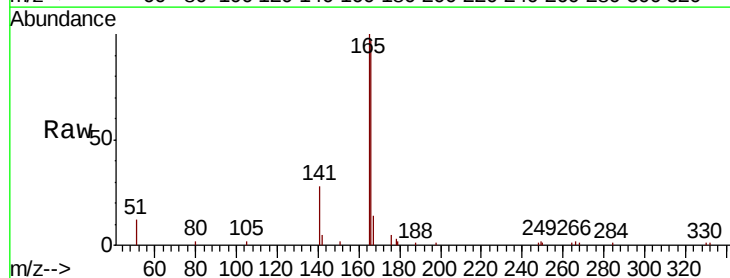


Time-->

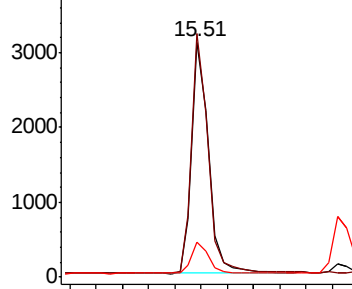


#18
Fluorene
Concen: 0.352 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099772.D
Acq: 29 May 2019 12:32

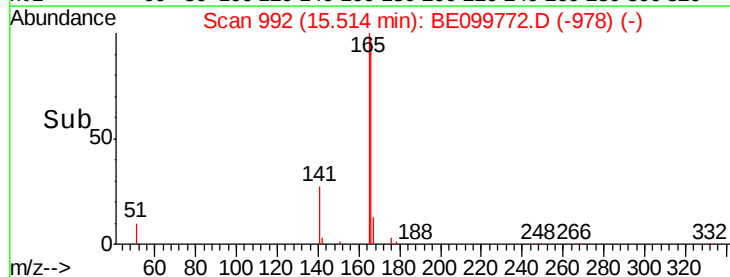
Tgt Ion:166 Resp: 5565
Ion Ratio Lower Upper
166 100
165 101.3 80.3 120.5
167 13.9 10.6 16.0

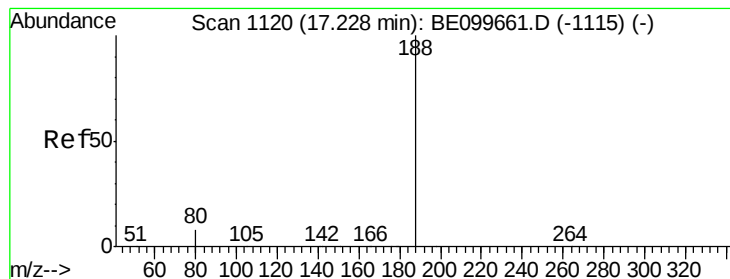


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

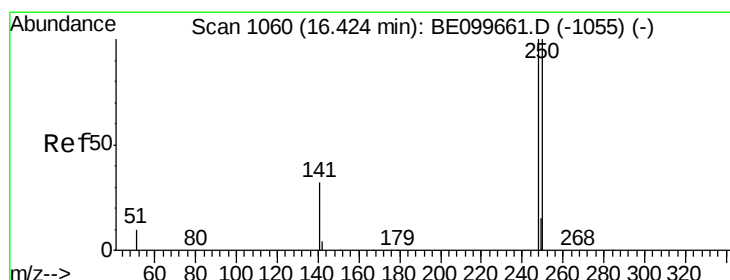
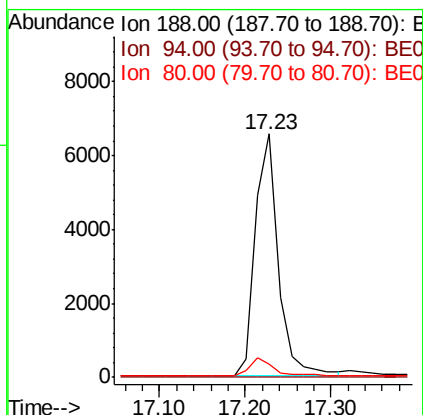
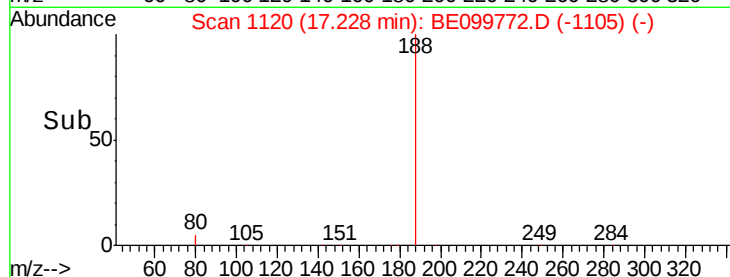
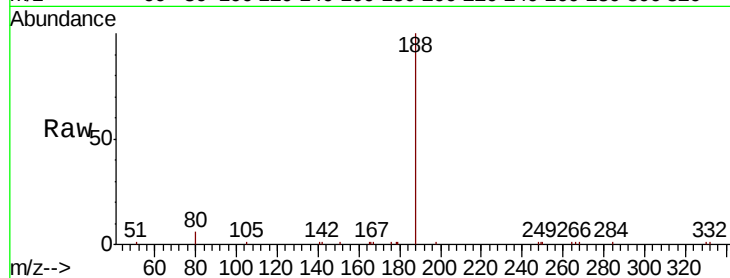
Tot Ion:188 Resp: 12161

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 5.6 6.7 10.1#



#20

4-Bromophenyl-phenylether

Concen: 0.344 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

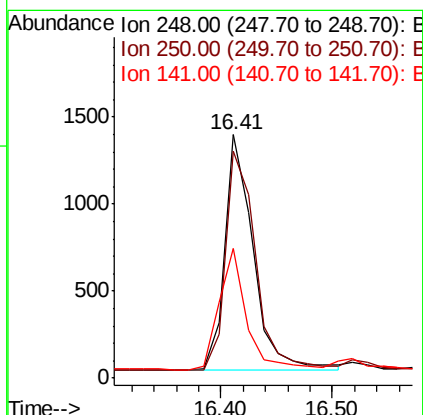
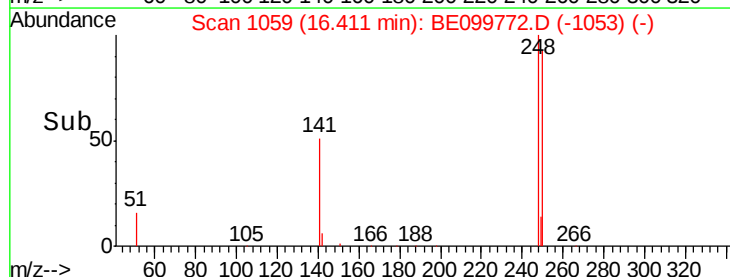
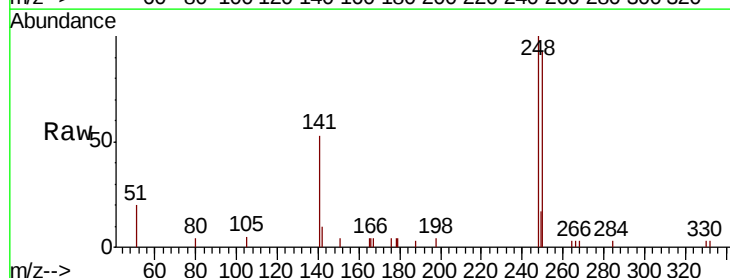
Tgt Ion:248 Resp: 2412

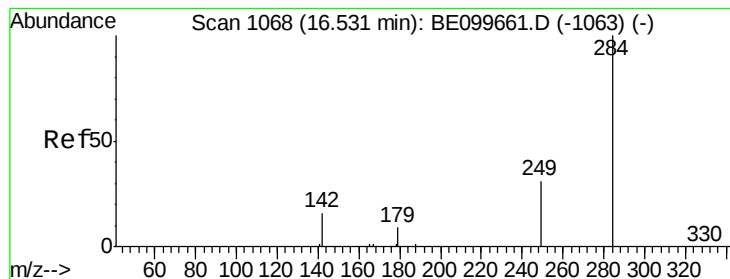
Ion Ratio Lower Upper

248 100

250 93.4 79.8 119.8

141 53.2 27.0 40.6#





#21

Hexachlorobenzene

Concen: 0.340 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

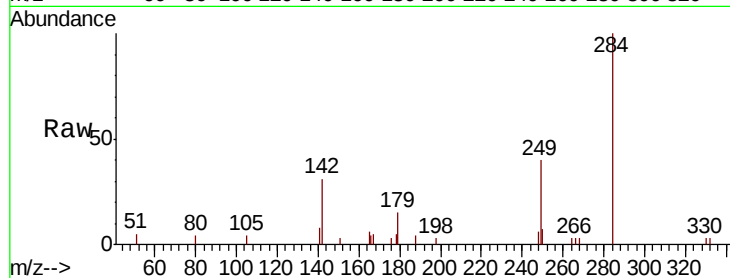
Tot Ion:284 Resp: 2442

Ion Ratio Lower Upper

284 100

142 24.9 17.8 26.6

249 31.8 24.8 37.2

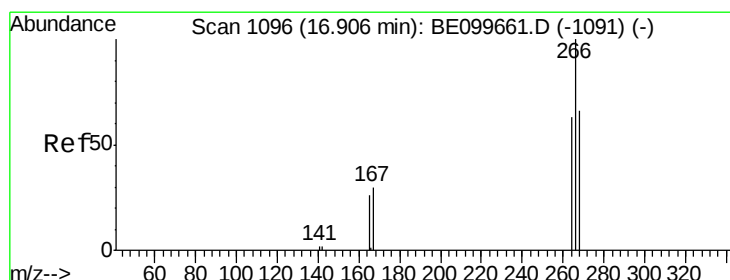
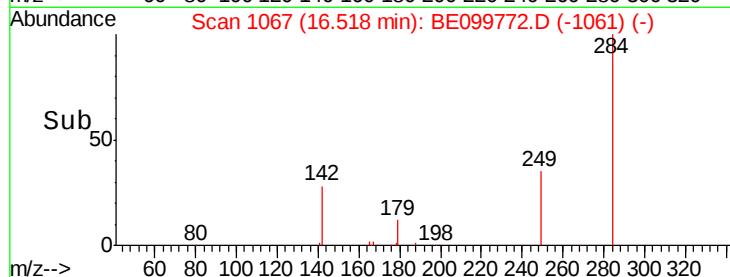
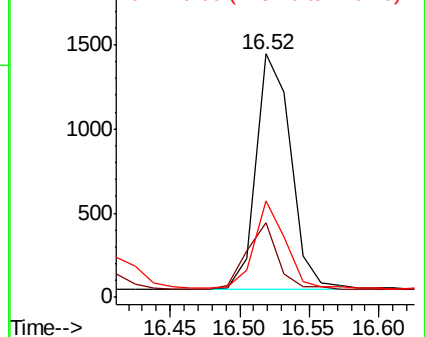


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.416 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

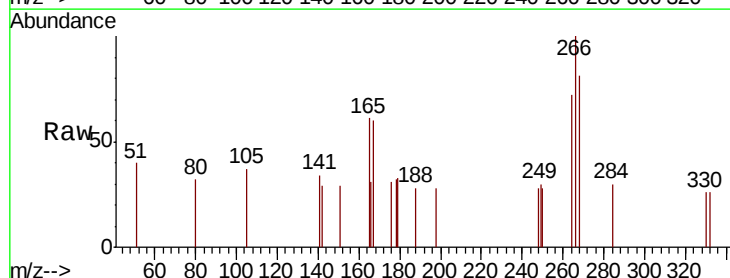
Tgt Ion:266 Resp: 520

Ion Ratio Lower Upper

266 100

264 72.2 57.2 85.8

268 81.1 60.5 90.7

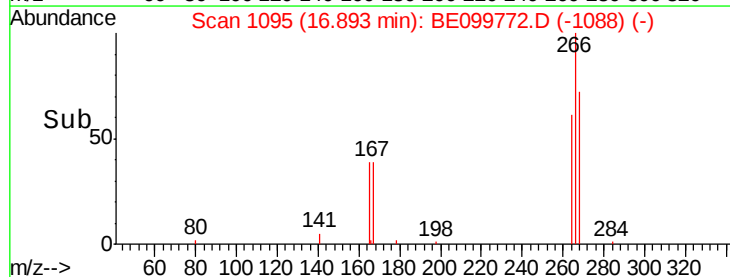
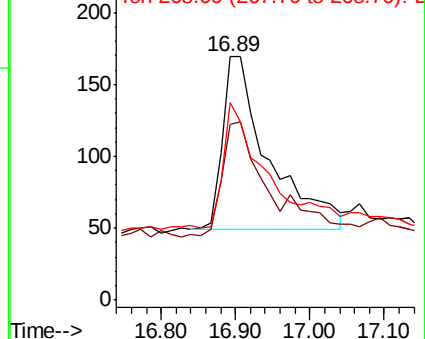


Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.353 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

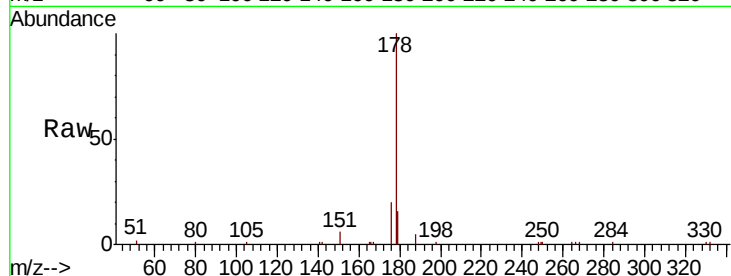
Tot Ion:178 Resp: 10482

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

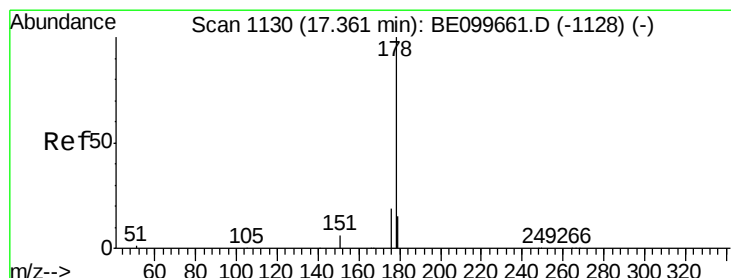
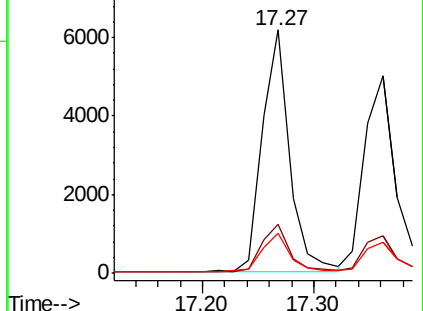
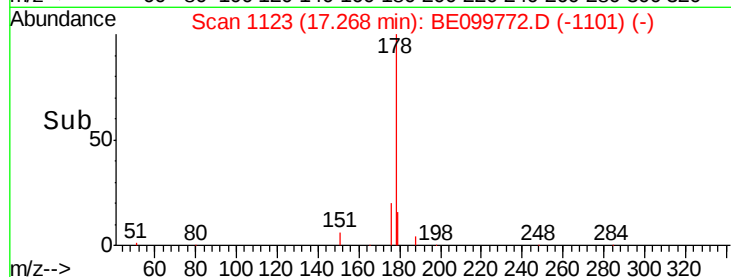
179 15.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.344 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

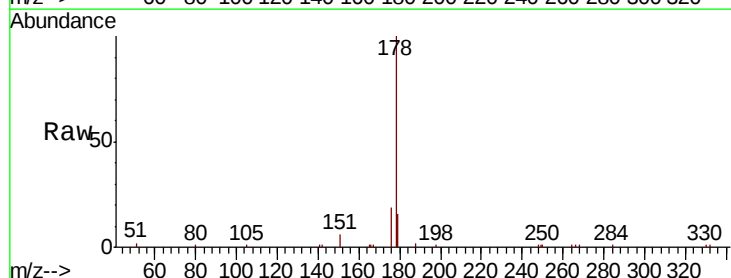
Tgt Ion:178 Resp: 9261

Ion Ratio Lower Upper

178 100

176 19.1 14.7 22.1

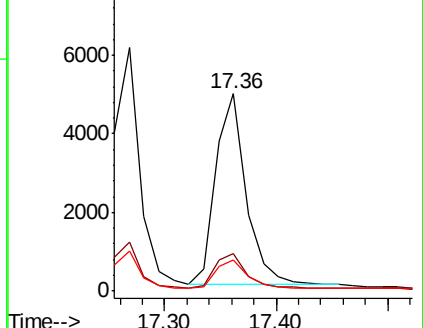
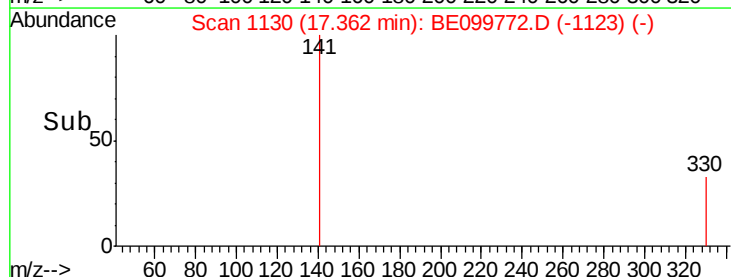
179 15.3 12.0 18.0

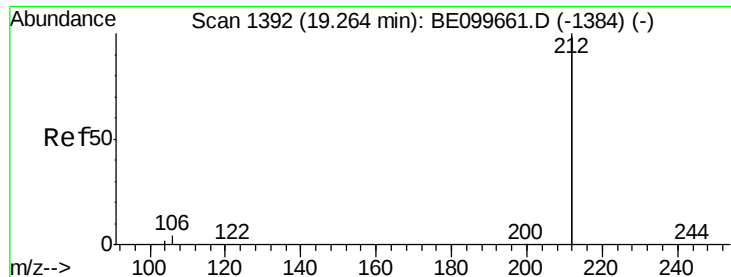


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.352 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

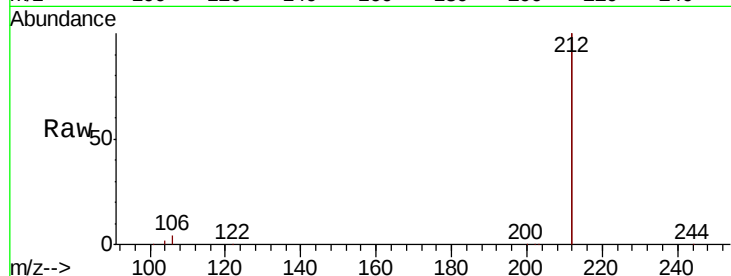
Tot Ion:212 Resp: 58559

Ion Ratio Lower Upper

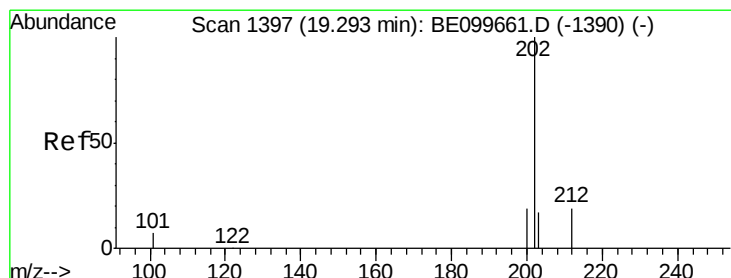
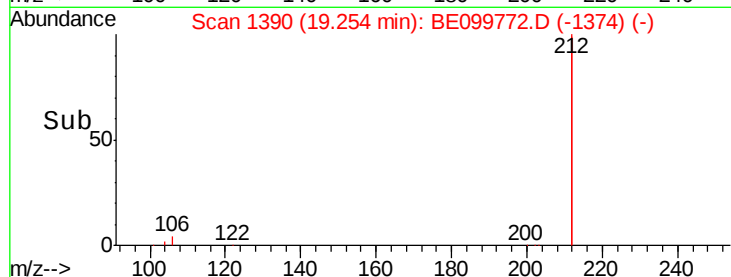
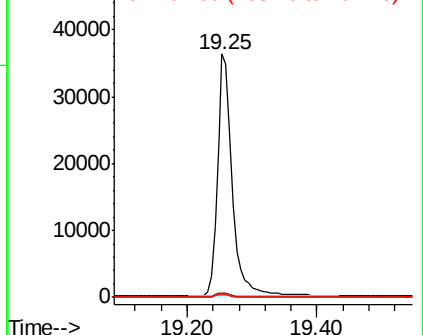
212 100

106 1.8 1.4 2.2

104 1.1 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.355 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

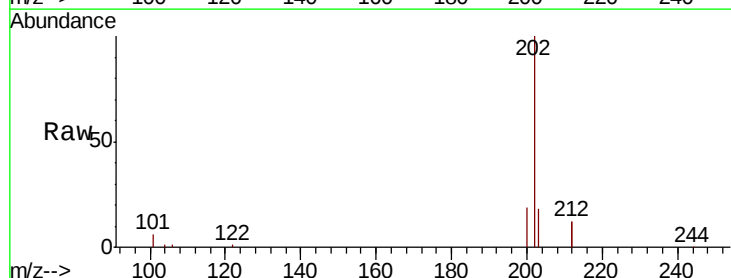
Tgt Ion:202 Resp: 16691

Ion Ratio Lower Upper

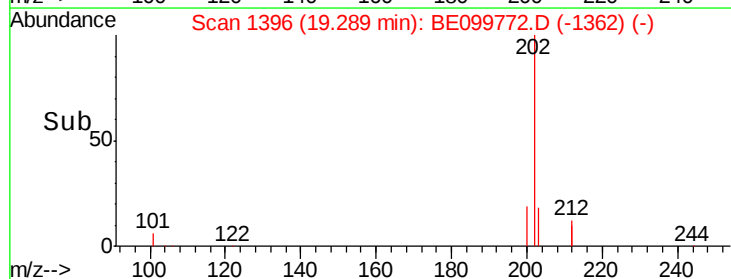
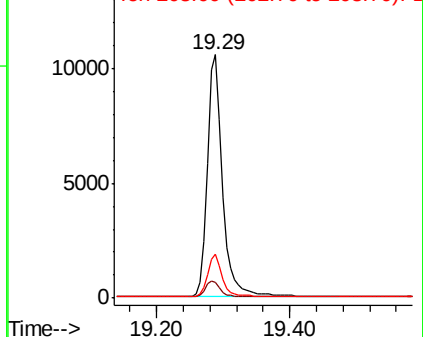
202 100

101 6.5 5.2 7.8

203 16.9 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

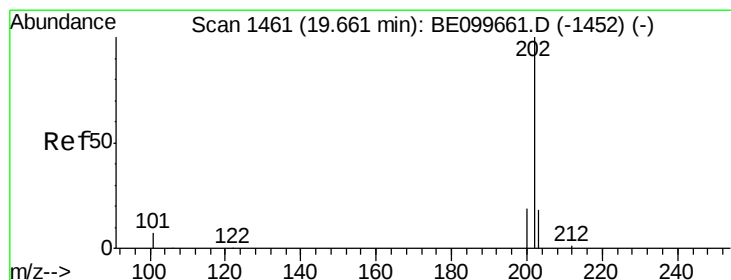
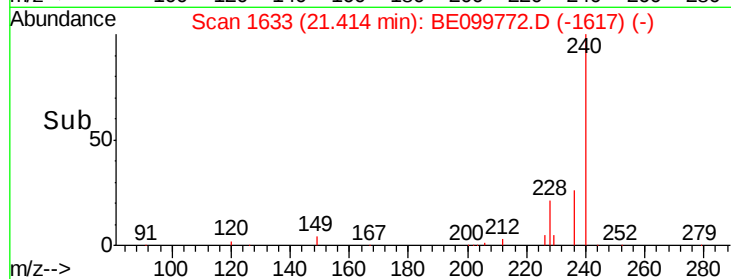
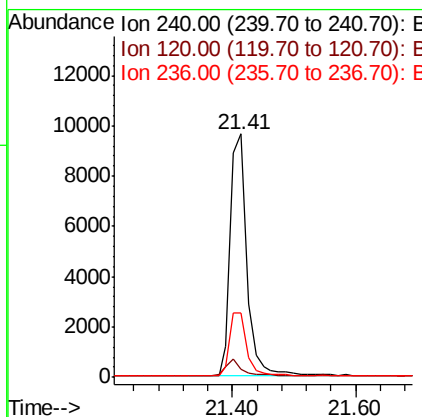
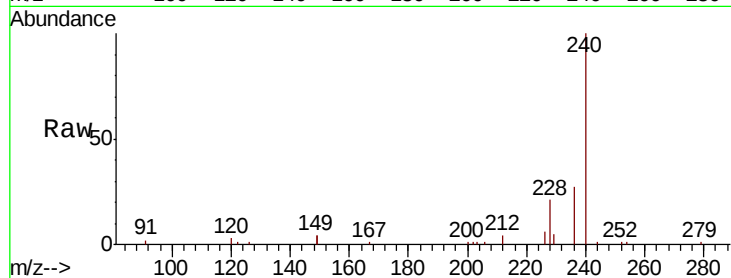




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BE099772.D
 Acq: 29 May 2019 12:32

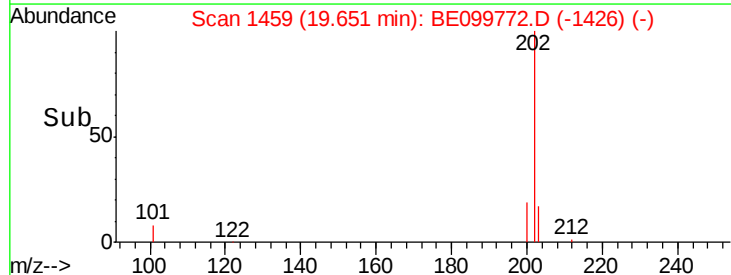
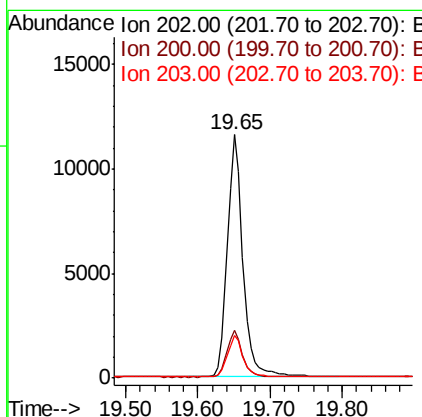
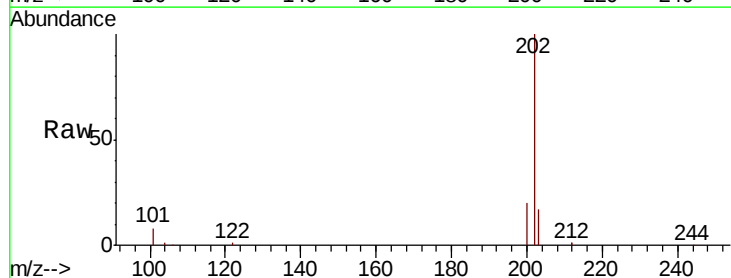
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

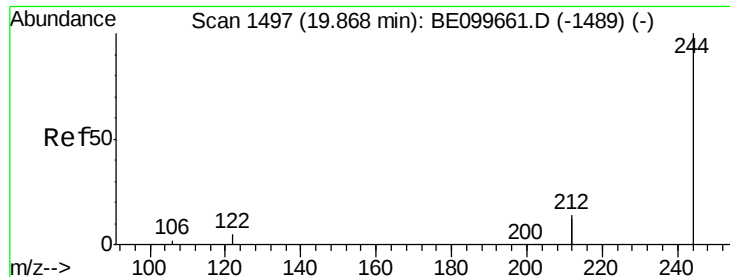
Tot Ion:240 Resp: 17998
 Ion Ratio Lower Upper
 240 100
 120 3.2 5.4 8.0#
 236 26.7 21.7 32.5



#28
 Pyrene
 Concen: 0.386 ng
 RT: 19.65 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BE099772.D
 Acq: 29 May 2019 12:32

Tgt Ion:202 Resp: 17437
 Ion Ratio Lower Upper
 202 100
 200 19.4 15.4 23.2
 203 17.3 13.8 20.8





#29

Terphenyl-d14

Concen: 0.366 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

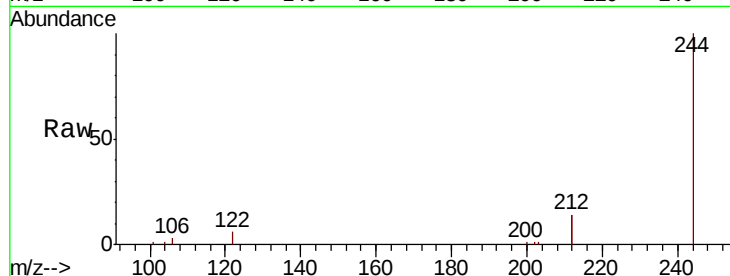
Tot Ion:244 Resp: 11758

Ion Ratio Lower Upper

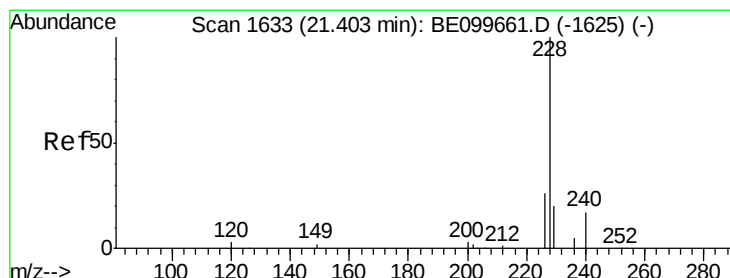
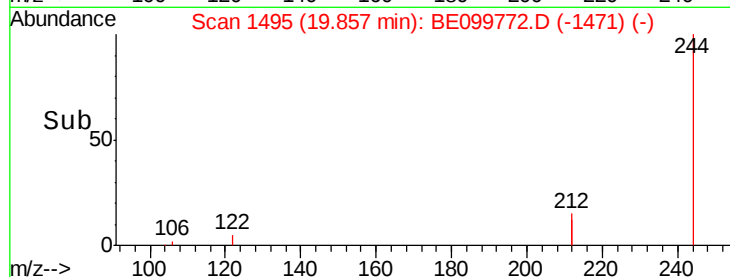
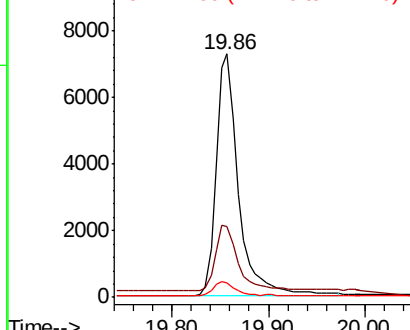
244 100

212 28.9 22.5 33.7

122 5.9 4.3 6.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.408 ng

RT: 21.39 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

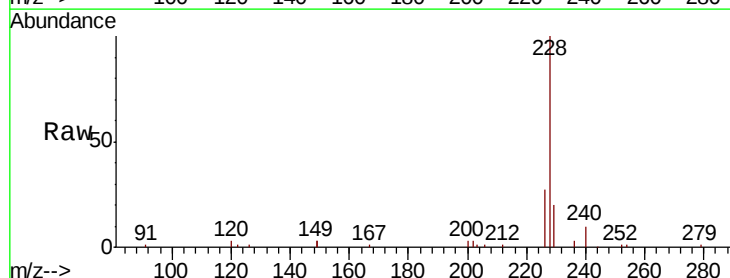
Tgt Ion:228 Resp: 20867

Ion Ratio Lower Upper

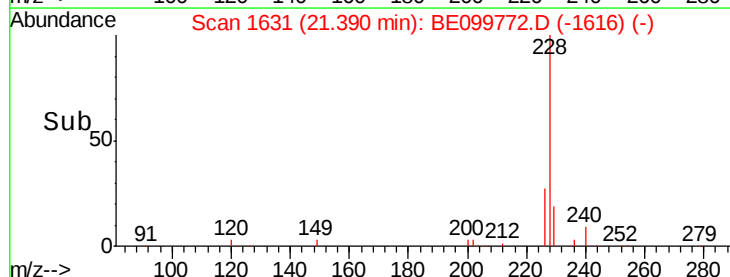
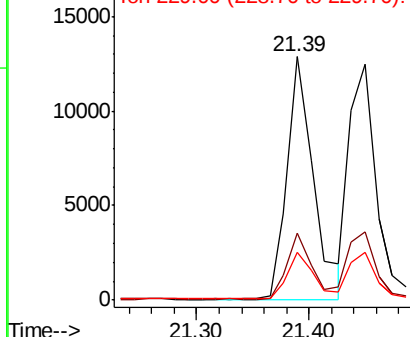
228 100

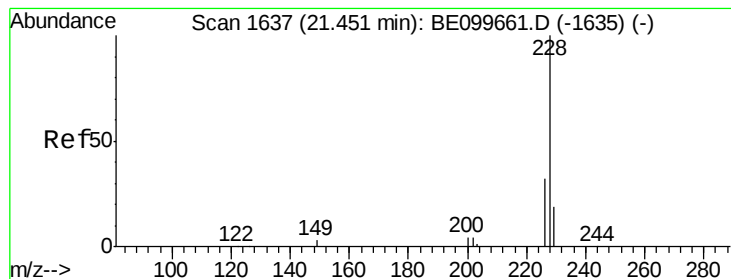
226 27.4 21.3 31.9

229 19.6 16.1 24.1



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





#31

Chrysene

Concen: 0.376 ng

RT: 21.45 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

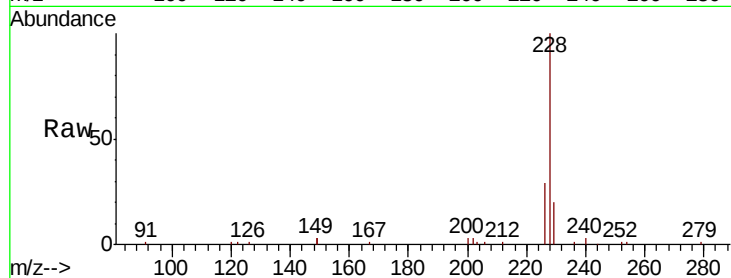
Tot Ion:228 Resp: 20534

Ion Ratio Lower Upper

228 100

226 28.9 24.7 37.1

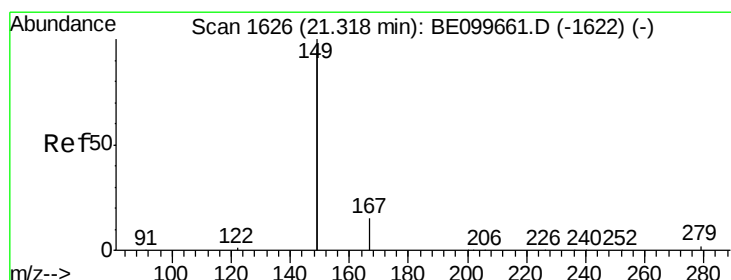
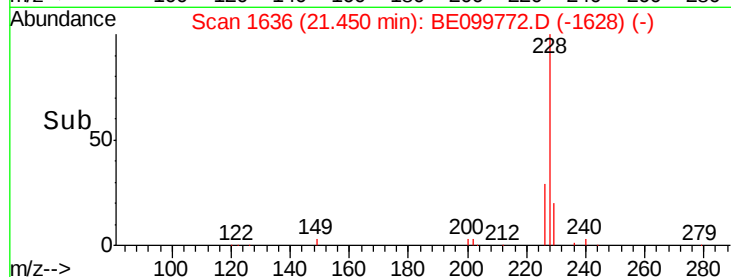
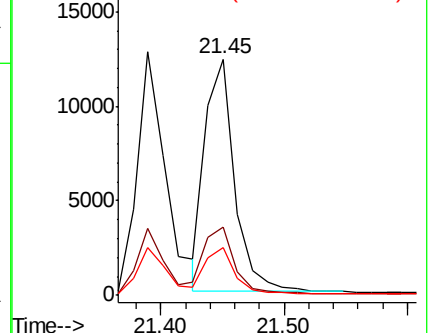
229 20.1 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.448 ng

RT: 21.31 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

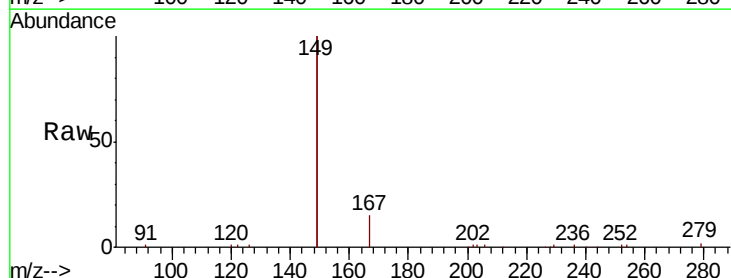
Tgt Ion:149 Resp: 26411

Ion Ratio Lower Upper

149 100

167 7.4 6.2 9.4

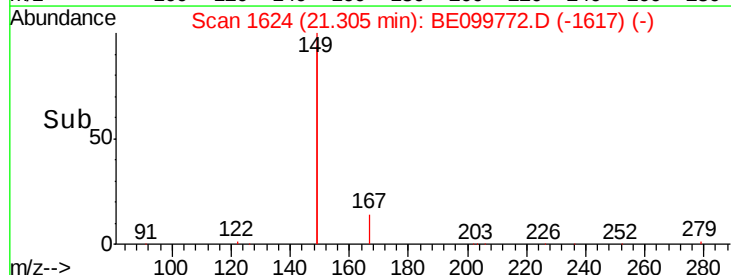
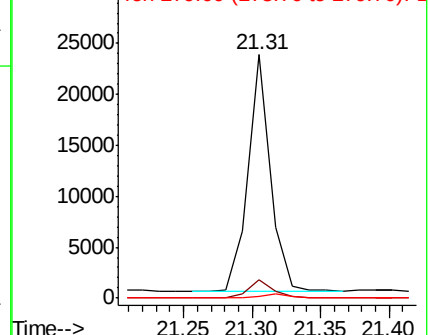
279 1.5 1.2 1.8

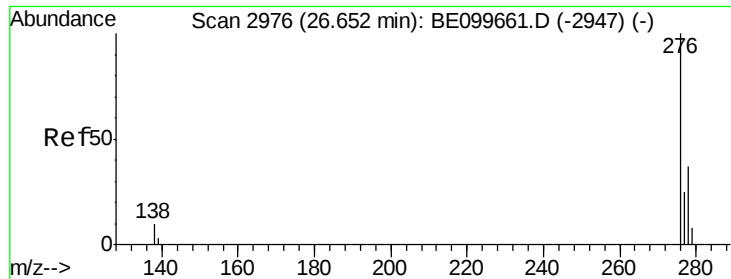


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

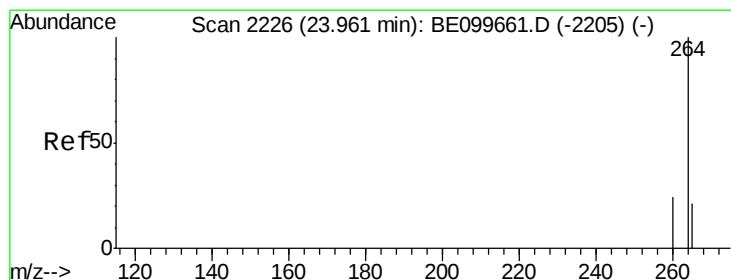
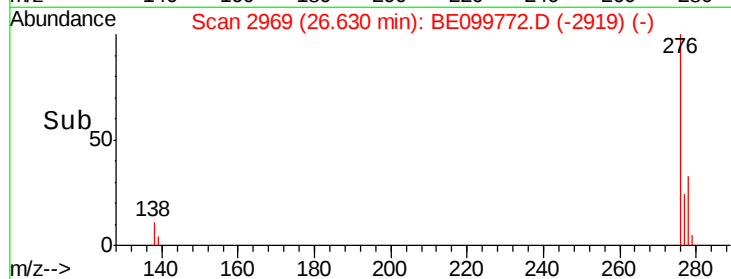
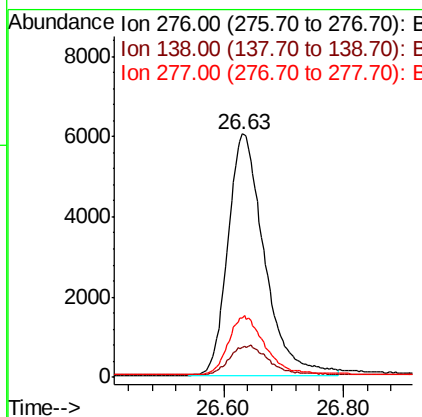
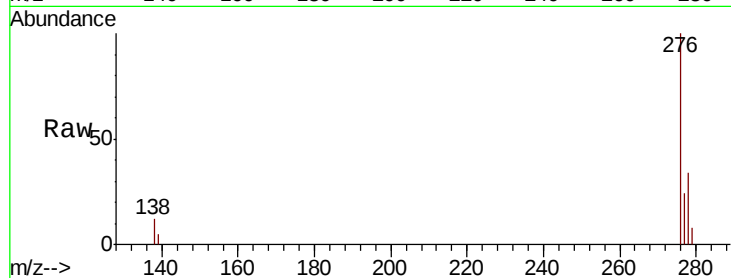




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.386 ng
 RT: 26.63 min Scan# 2969
 Delta R.T. -0.02 min
 Lab File: BE099772.D
 Acq: 29 May 2019 12:32

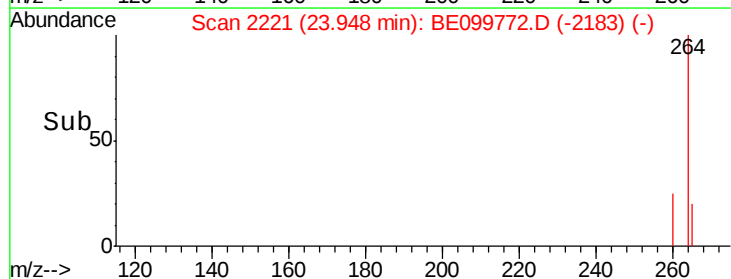
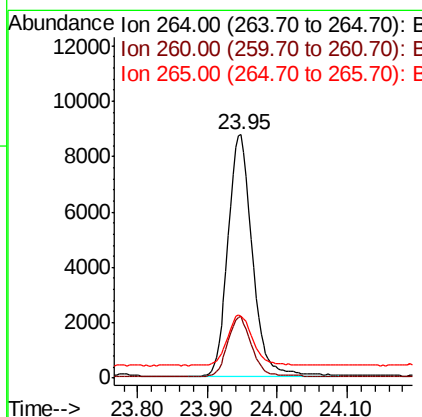
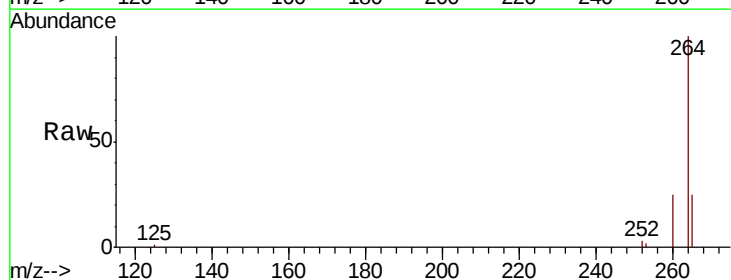
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:276 Resp: 25471
 Ion Ratio Lower Upper
 276 100
 138 13.0 9.6 14.4
 277 24.5 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BE099772.D
 Acq: 29 May 2019 12:32

Tgt Ion:264 Resp: 21144
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.6 29.4
 265 25.4 19.1 28.7





#35

Benzo(b)fluoranthene

Concen: 0.364 ng

RT: 23.21 min Scan# 2015

Delta R.T. 0.04 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

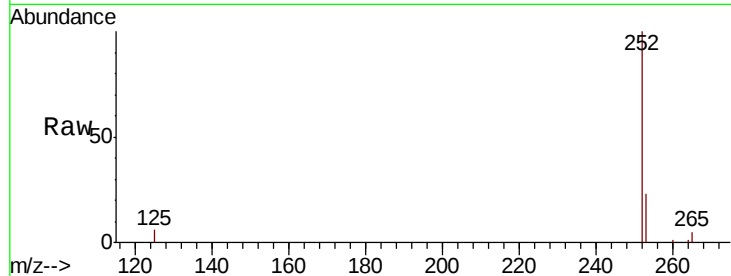
Tot Ion:252 Resp: 21069

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

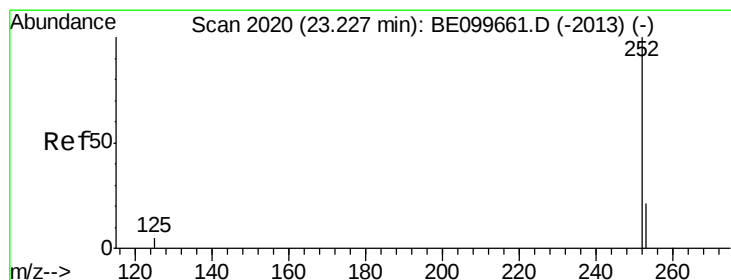
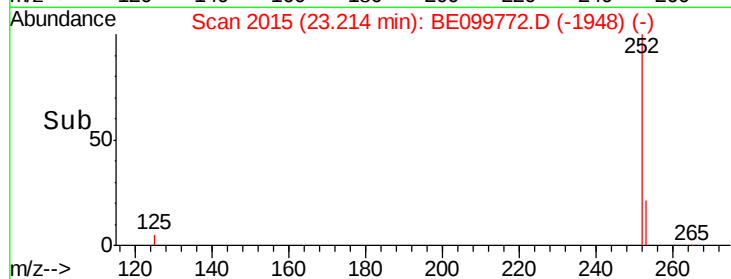
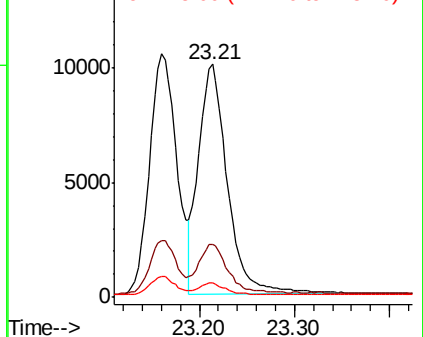
125 6.2 4.5 6.7



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: 0.349 ng

RT: 23.21 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

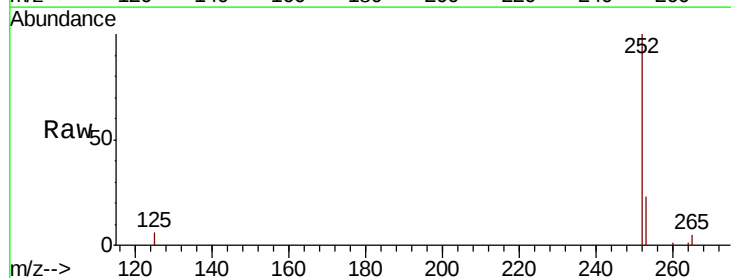
Tgt Ion:252 Resp: 21069

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

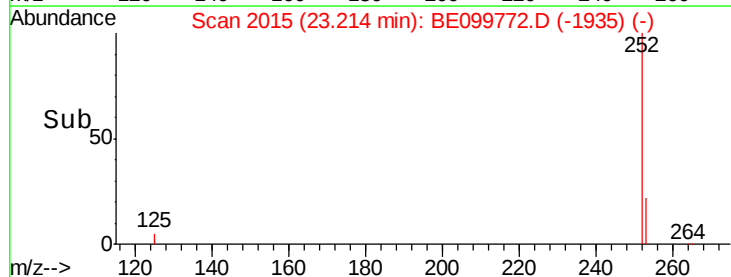
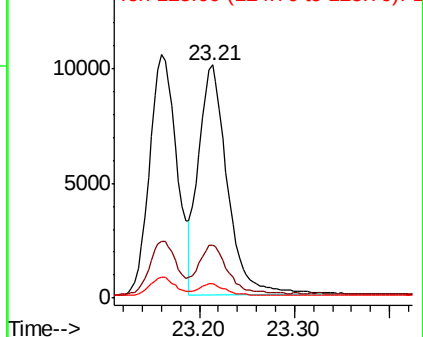
125 6.2 4.6 6.8

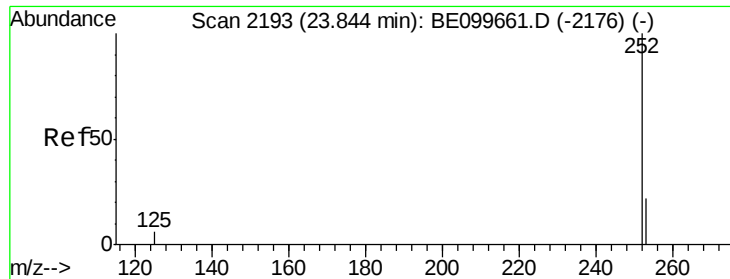


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.359 ng

RT: 23.83 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

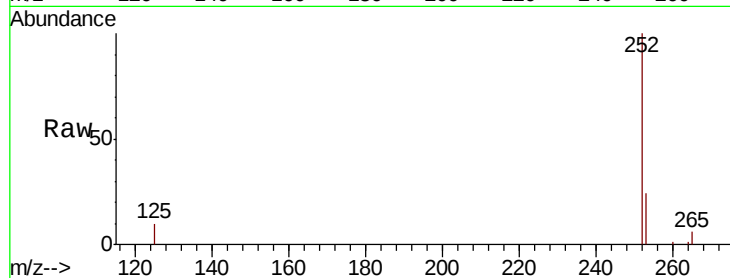
Tot Ion:252 Resp: 20044

Ion Ratio Lower Upper

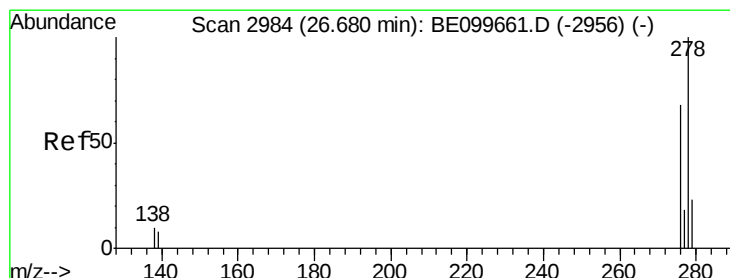
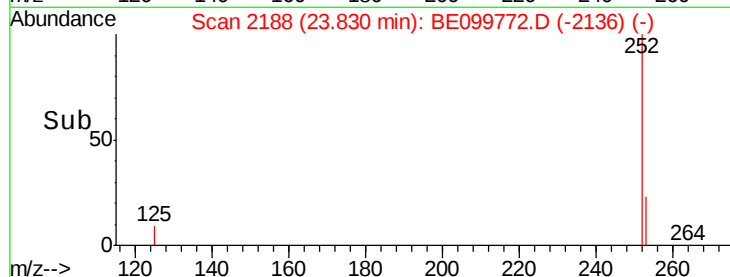
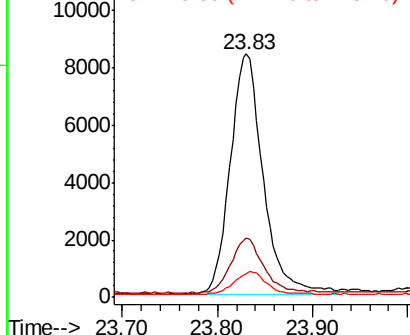
252 100

253 24.1 18.9 28.3

125 9.8 5.4 8.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.357 ng

RT: 26.66 min Scan# 2977

Delta R.T. -0.02 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

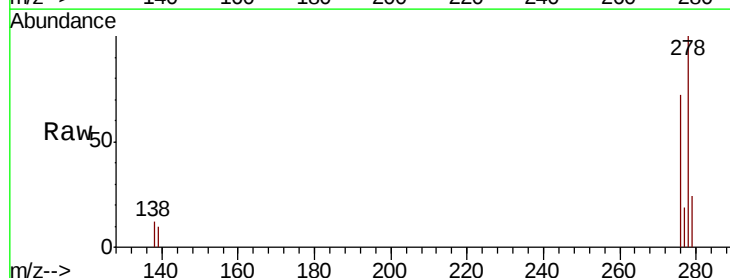
Tgt Ion:278 Resp: 20883

Ion Ratio Lower Upper

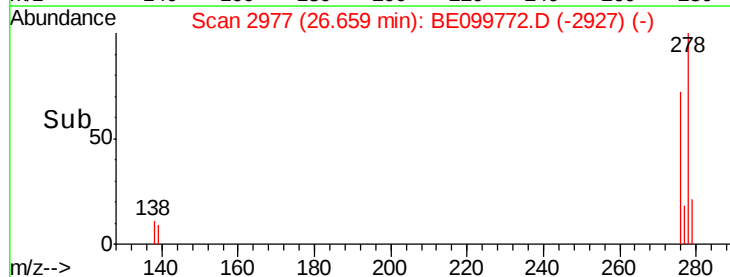
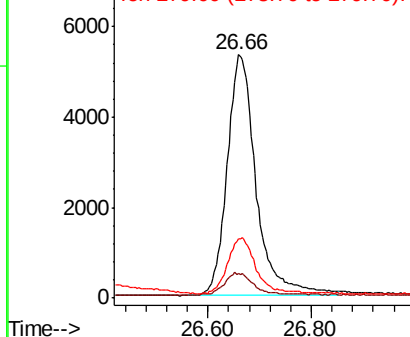
278 100

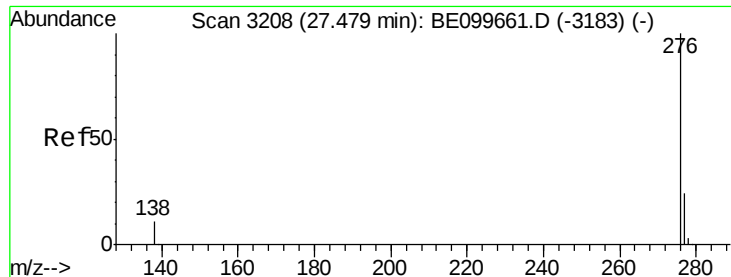
139 10.4 6.9 10.3#

279 24.3 19.2 28.8



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





#39

Benzo(a,h,i)perylene

Concen: 0.361 ng

RT: 27.47 min Scan# 3203

Delta R.T. -0.01 min

Lab File: BE099772.D

Acq: 29 May 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

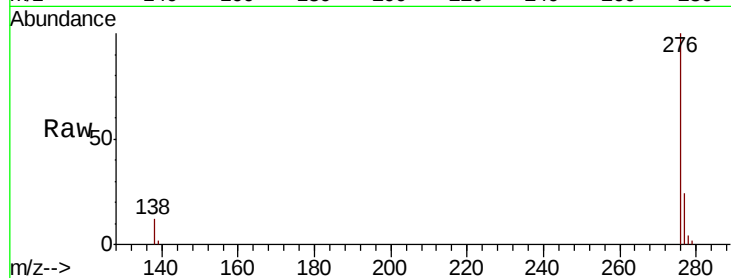
Tot Ion: 276 Resp: 21368

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.6

138 11.9 9.2 13.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

