

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
 Data File : BE099800.D
 Acq On : 5 Jun 2019 11:00
 Operator : JU/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Jun 05 13:30:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 13:24:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1113	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3832	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	2592	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	8696	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	18103	0.40	ng	-0.01
34) Perylene-d12	23.94	264	19791	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	2287	0.81	ng	0.00
5) Phenol-d6	6.96	99	2903	0.78	ng	0.00
8) Nitrobenzene-d5	8.96	82	2544	0.77	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	5441	0.82	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1292	0.84	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	8427	0.86	ng	0.00
25) Fluoranthene-d10	19.25	212	115224	0.97	ng	0.00
29) Terphenyl-d14	19.86	244	23348	0.72	ng	0.00

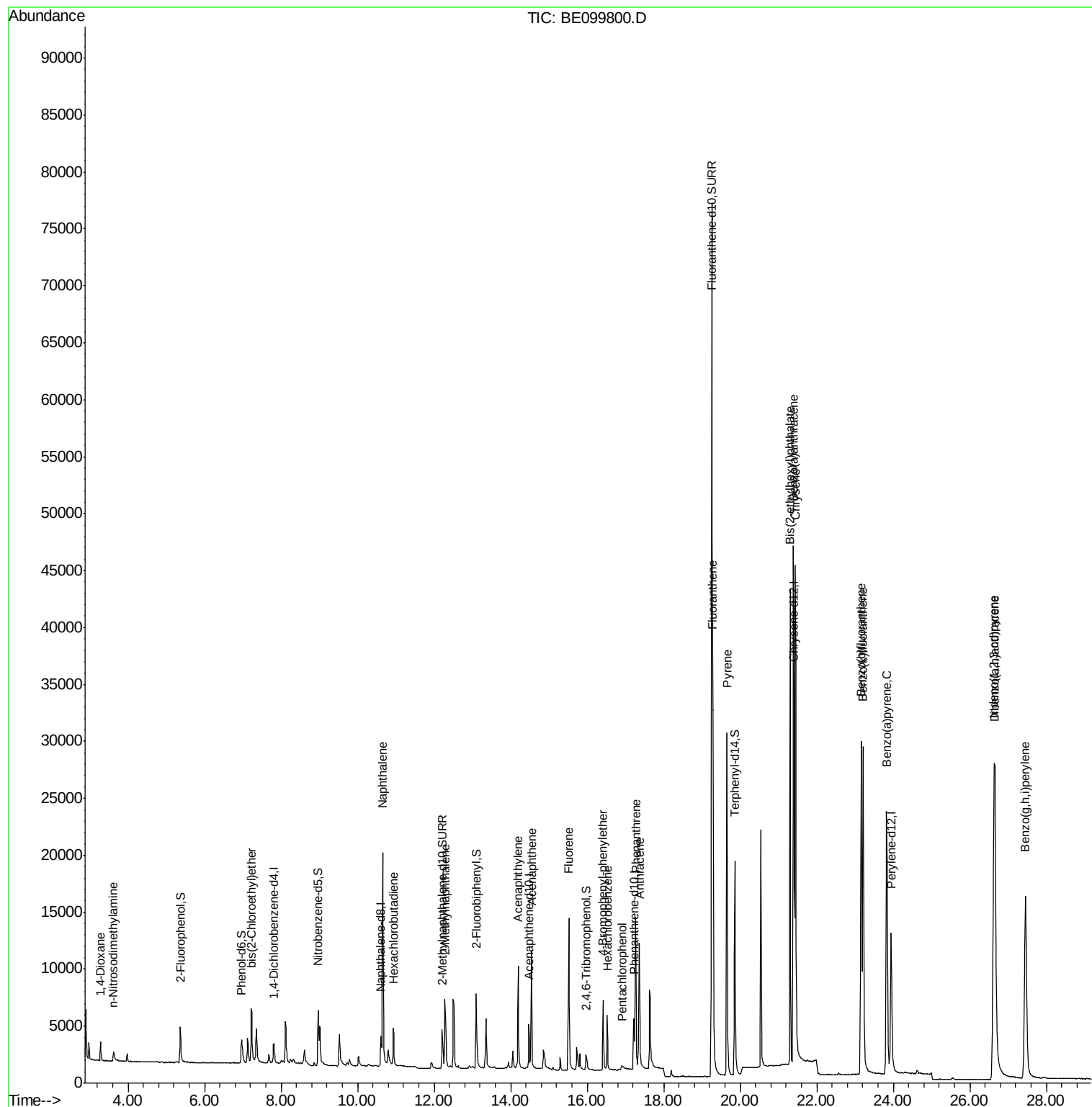
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	1240	0.753	ng	98
3) n-Nitrosodimethylamine	3.61	42	648	0.712	ng	# 96
6) bis(2-Chloroethyl)ether	7.23	93	2533	0.765	ng	100
9) Naphthalene	10.65	128	34240	0.836	ng	99
10) Hexachlorobutadiene	10.93	225	2562	0.849	ng	99
12) 2-Methylnaphthalene	12.28	142	5262	0.788	ng	99
16) Acenaphthylene	14.20	152	10967	0.908	ng	98
17) Acenaphthene	14.54	154	6019	0.888	ng	99
18) Fluorene	15.51	166	8729	0.874	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	4003	0.798	ng	95
21) Hexachlorobenzene	16.52	284	4392	0.856	ng	98
22) Pentachlorophenol	16.91	266	694	0.470	ng	94
23) Phenanthrene	17.27	178	17660	0.831	ng	99
24) Anthracene	17.36	178	15695	0.814	ng	100
26) Fluoranthene	19.28	202	32393	0.964	ng	100
28) Pyrene	19.65	202	33978	0.747	ng	100
30) Benzo(a)anthracene	21.39	228	41964	0.816	ng	99
31) Chrysene	21.44	228	46602	0.847	ng	97
32) Bis(2-ethylhexyl)phthalate	21.31	149	45301	0.764	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	56544	0.852	ng	99
35) Benzo(b)fluoranthene	23.16	252	46038	0.849	ng	# 95
36) Benzo(k)fluoranthene	23.21	252	47937	0.848	ng	98
37) Benzo(a)pyrene	23.83	252	44782	0.858	ng	# 93
38) Dibenzo(a,h)anthracene	26.66	278	45629	0.833	ng	98
39) Benzo(g,h,i)perylene	27.45	276	48021	0.868	ng	99

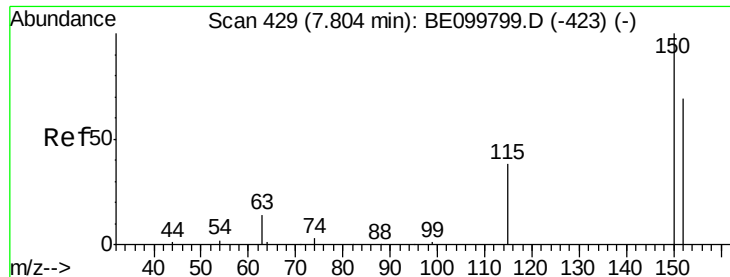
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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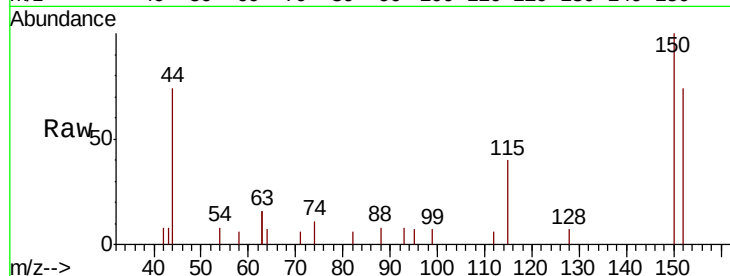


#1

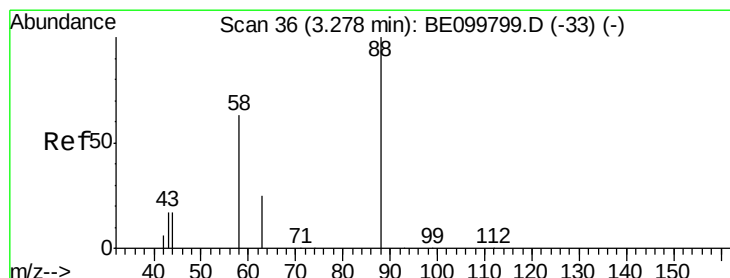
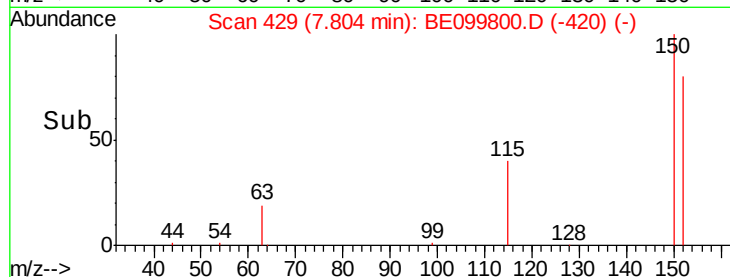
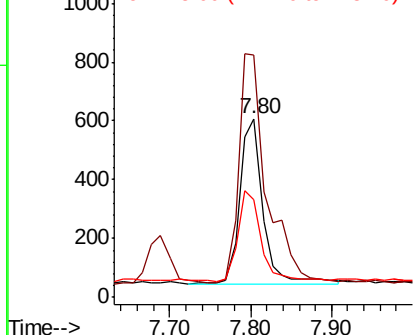
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099800.D
Acq: 5 Jun 2019 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:152 Resp: 1113
Ion Ratio Lower Upper
152 100
150 135.6 112.8 169.2
115 54.7 47.6 71.4



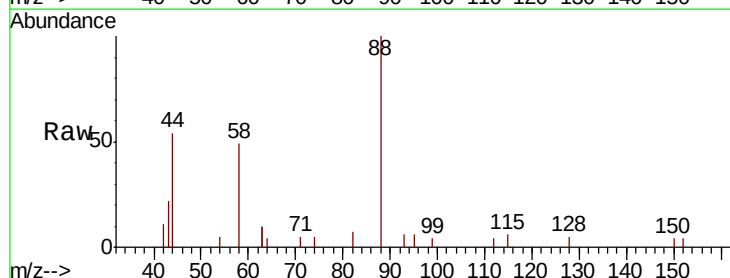
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



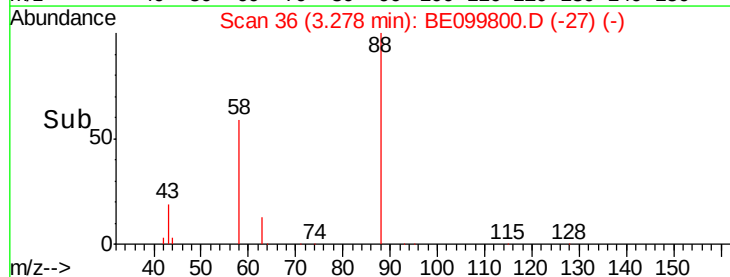
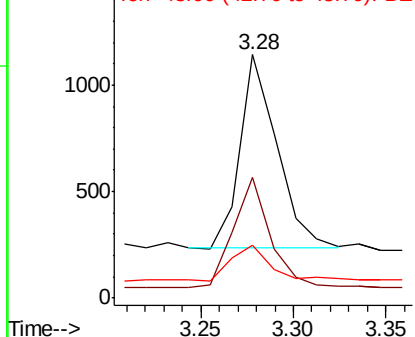
#2

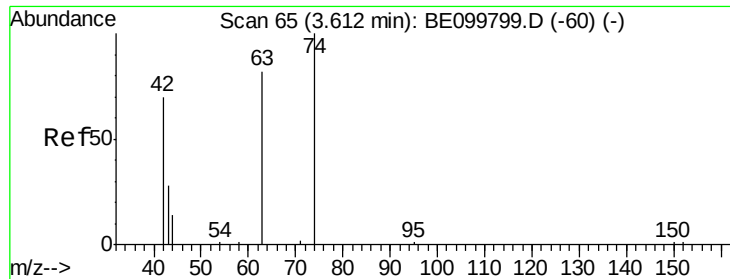
1,4-Dioxane
Concen: 0.753 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099800.D
Acq: 5 Jun 2019 11:00

Tgt Ion: 88 Resp: 1240
Ion Ratio Lower Upper
88 100
58 59.6 47.5 71.3
43 19.8 18.2 27.4



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: 0.712 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

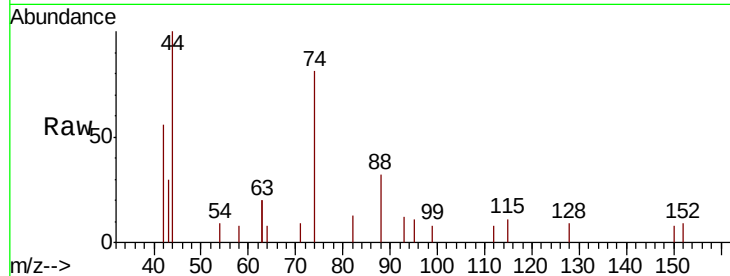
Tot Ion: 42 Resp: 648

Ion Ratio Lower Upper

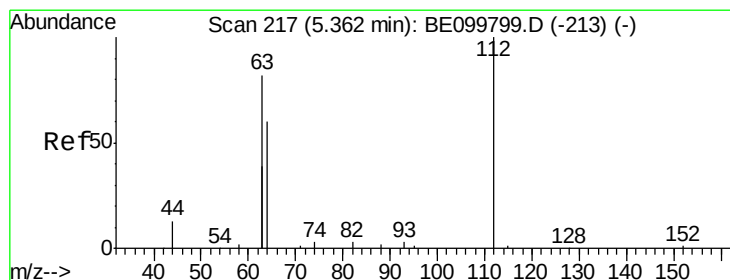
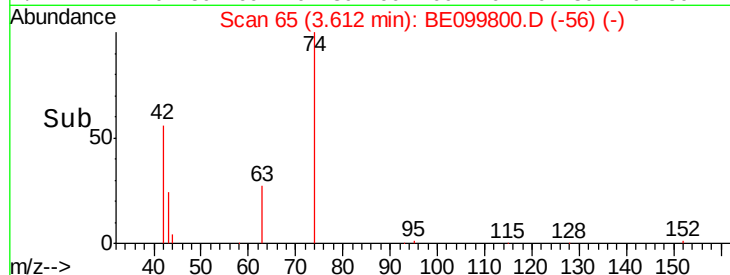
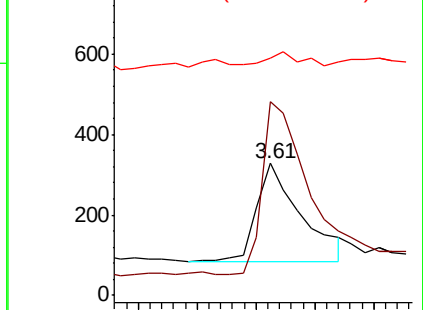
42 100

74 177.0 137.8 206.6

44 10.3 10.8 16.2#



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: 0.813 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

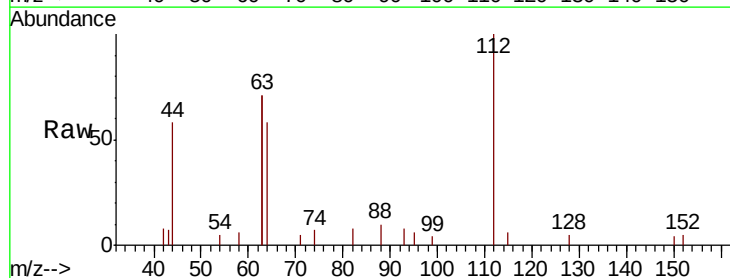
Tgt Ion: 112 Resp: 2287

Ion Ratio Lower Upper

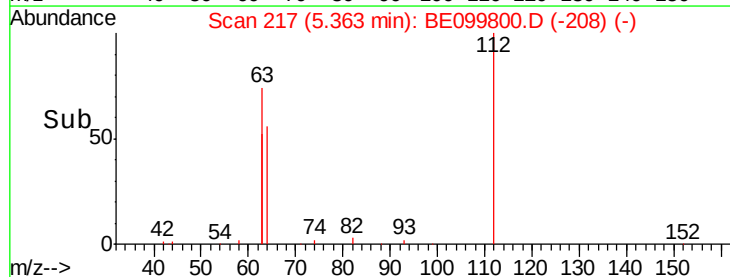
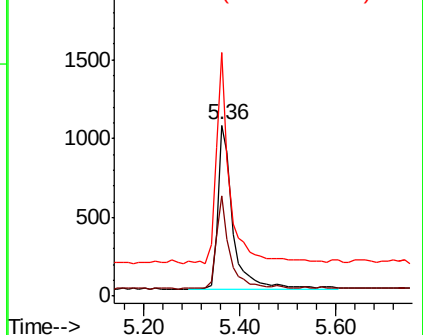
112 100

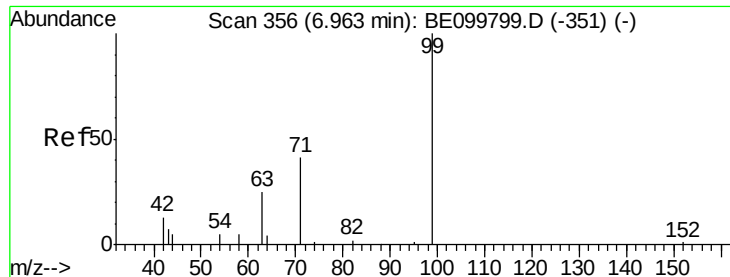
64 51.1 47.2 70.8

63 107.4 90.7 136.1



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: 0.780 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

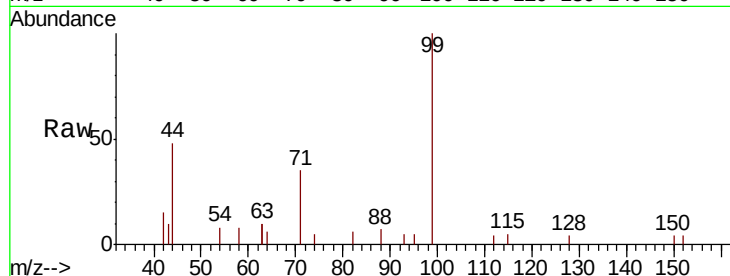
Tot Ion: 99 Resp: 2903

Ion Ratio Lower Upper

99 100

42 12.8 11.0 16.4

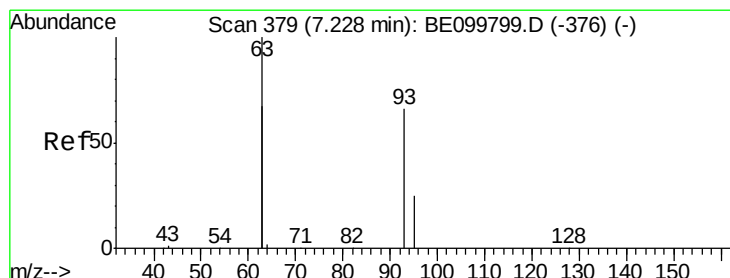
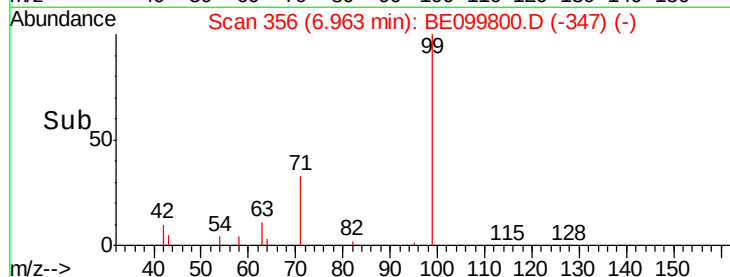
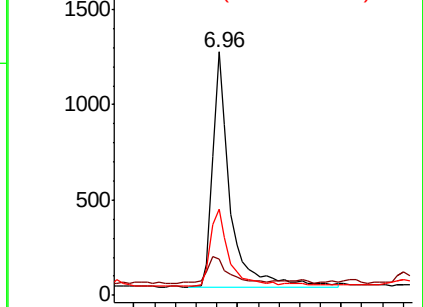
71 33.7 26.1 39.1



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: 0.765 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.00 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

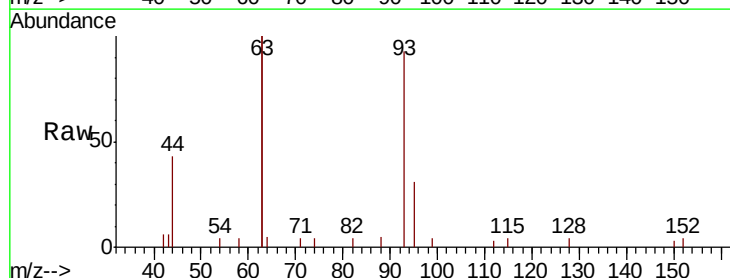
Tgt Ion: 93 Resp: 2533

Ion Ratio Lower Upper

93 100

63 261.2 208.8 313.2

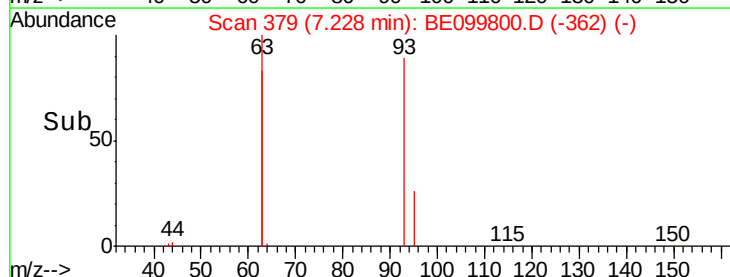
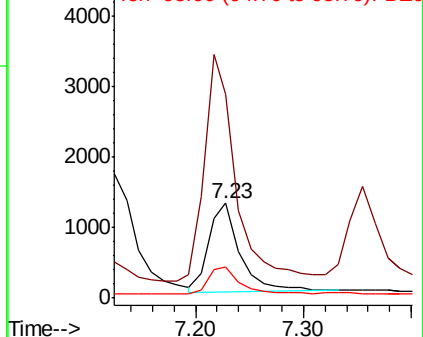
95 32.6 27.6 41.4

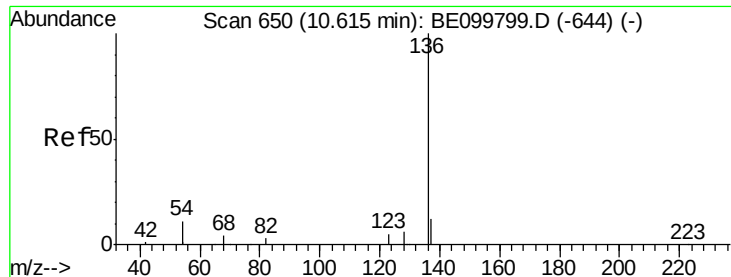


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 3832

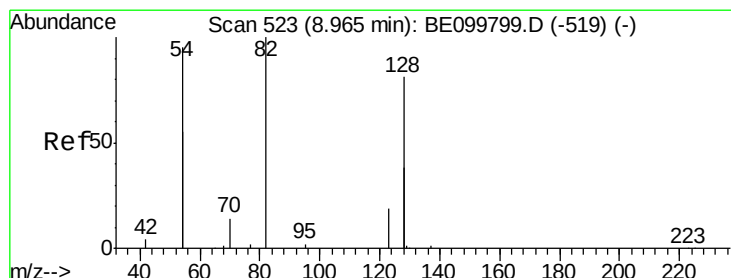
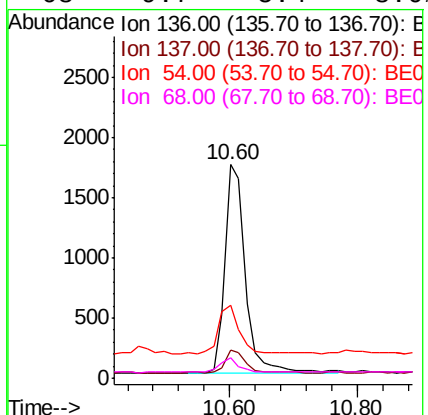
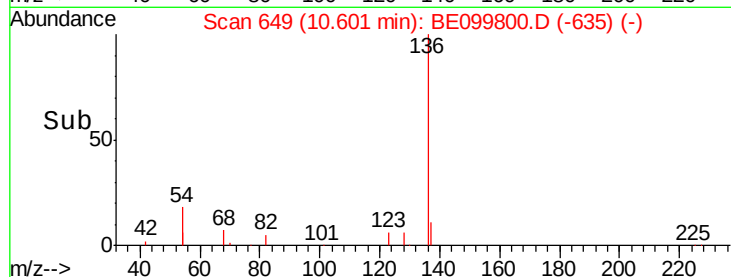
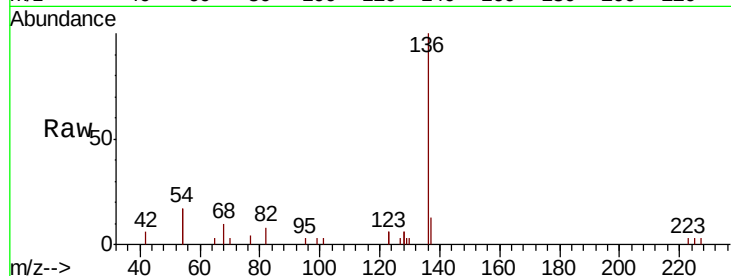
Ion Ratio Lower Upper

136 100

137 13.4 11.1 16.7

54 34.4 17.9 26.9#

68 9.7 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.767 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

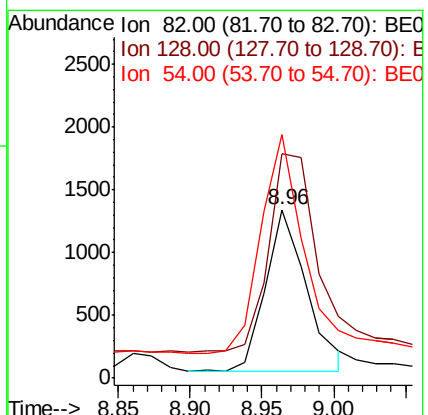
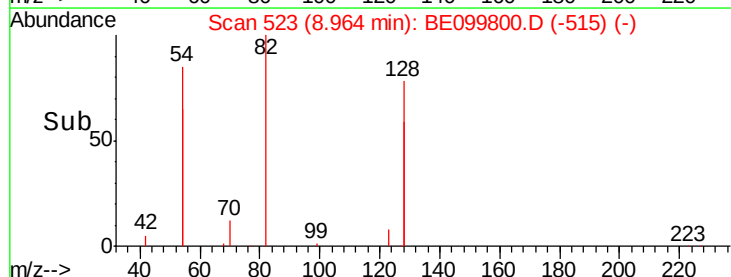
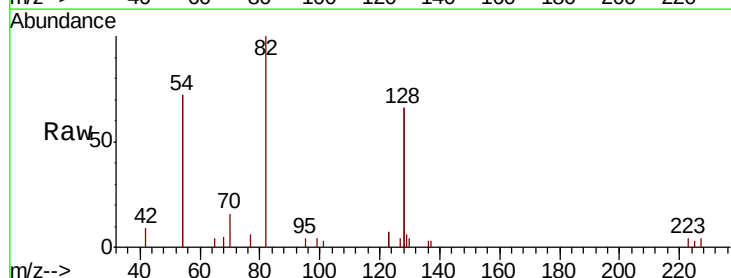
Tgt Ion: 82 Resp: 2544

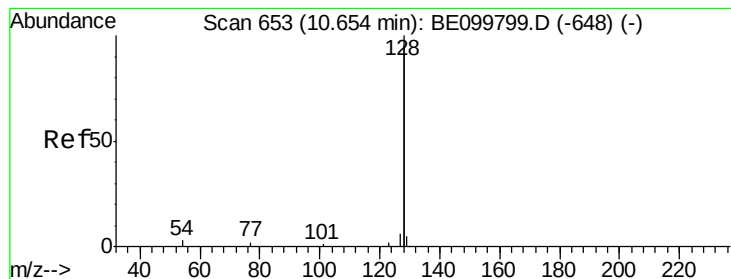
Ion Ratio Lower Upper

82 100

128 132.9 116.6 175.0

54 144.6 136.2 204.4





#9

Naphthalene

Concen: 0.836 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

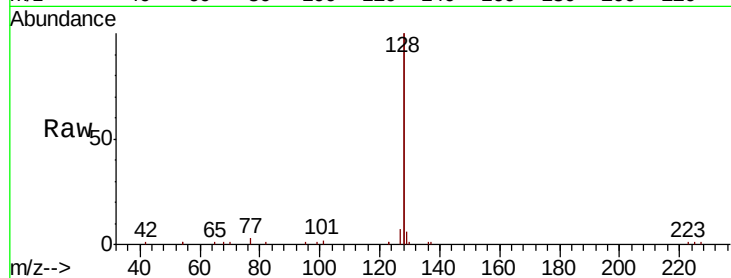
Tot Ion:128 Resp: 34240

Ion Ratio Lower Upper

128 100

129 3.0 2.6 4.0

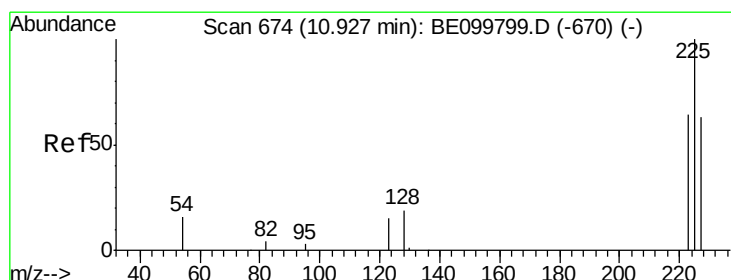
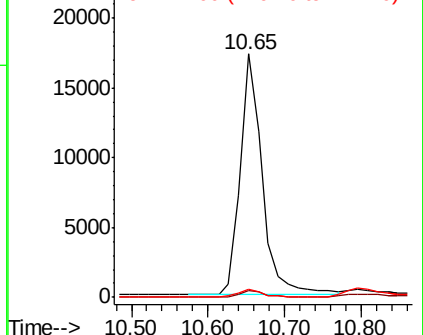
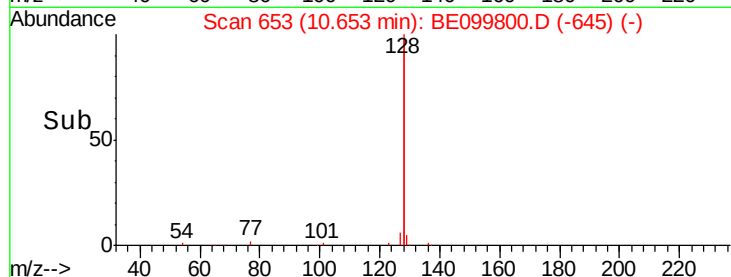
127 3.4 3.0 4.6



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: 0.849 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

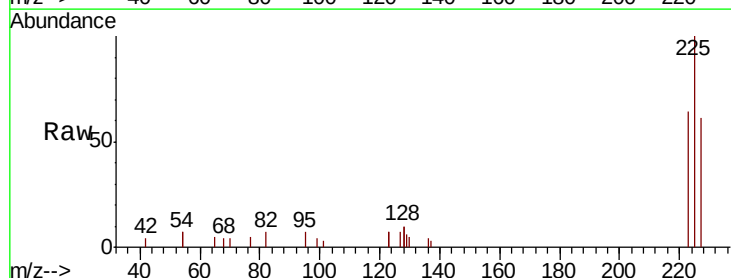
Tgt Ion:225 Resp: 2562

Ion Ratio Lower Upper

225 100

223 61.2 48.6 72.8

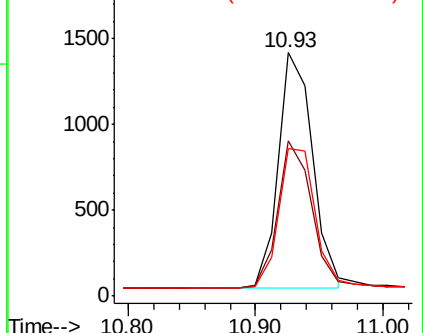
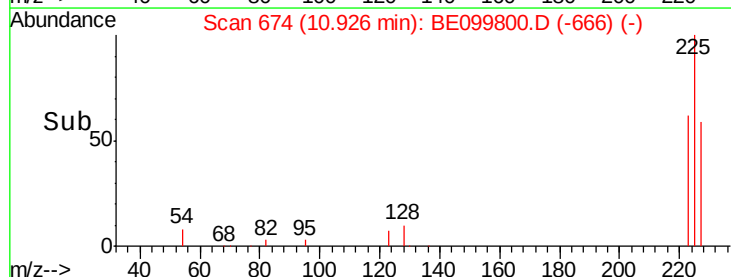
227 62.9 51.8 77.6

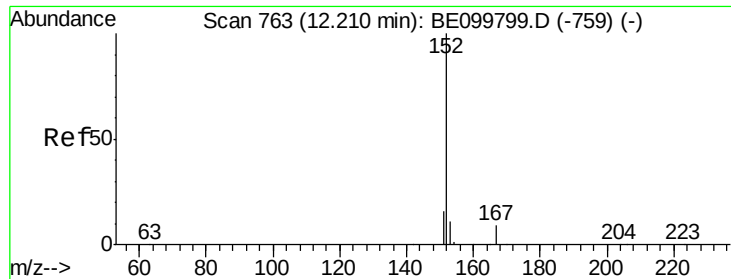


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

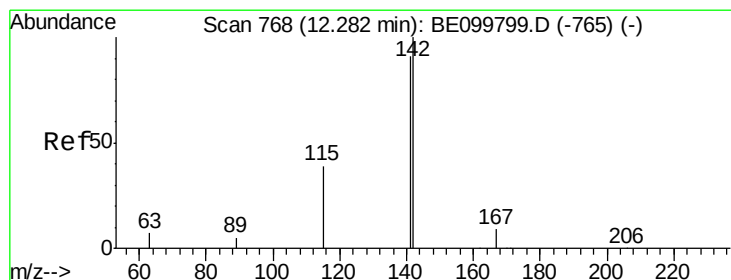
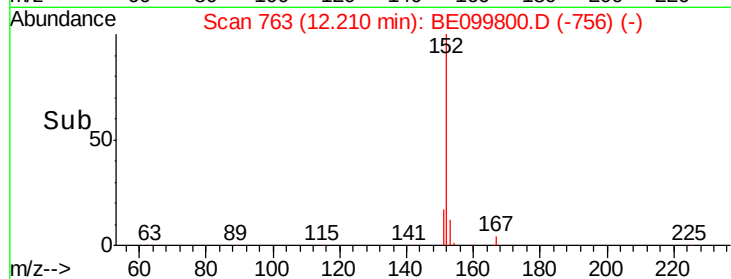
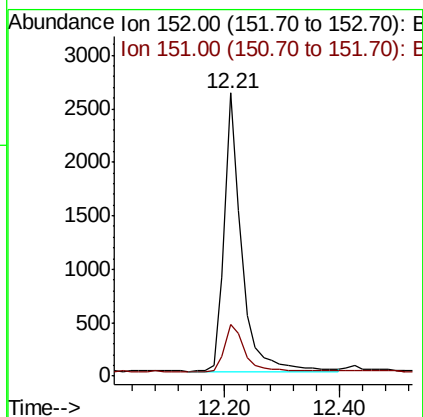
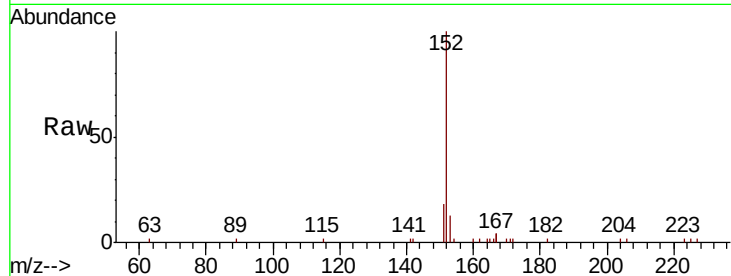




#11
 2-Methylnaphthalene-d10
 Concen: 0.823 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE099800.D
 Acq: 5 Jun 2019 11:00

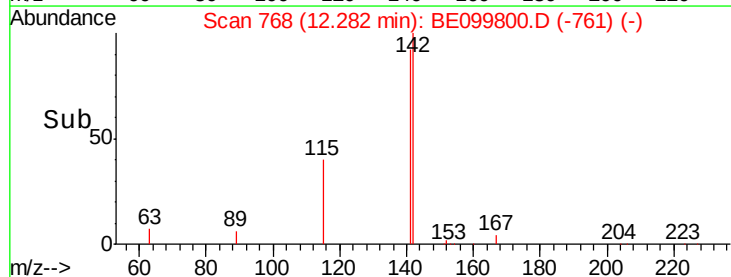
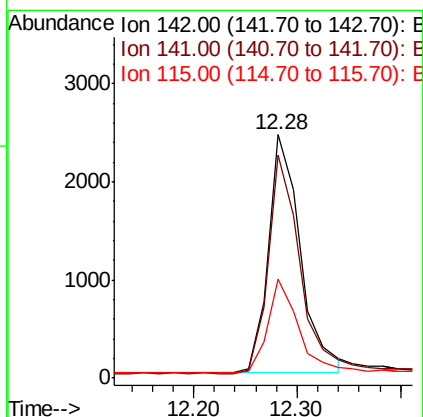
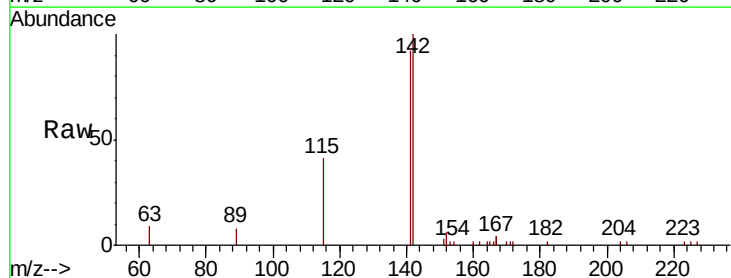
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

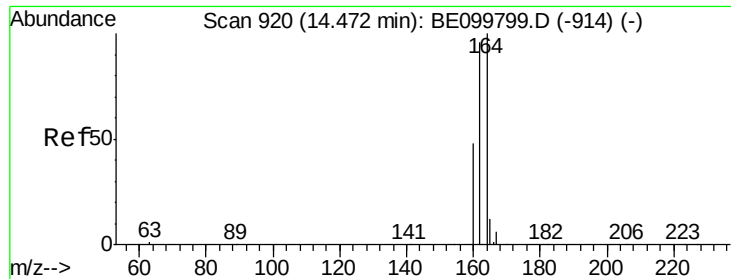
Tot Ion:152 Resp: 5441
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.788 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE099800.D
 Acq: 5 Jun 2019 11:00

Tgt Ion:142 Resp: 5262
 Ion Ratio Lower Upper
 142 100
 141 91.7 73.3 109.9
 115 40.9 33.4 50.2

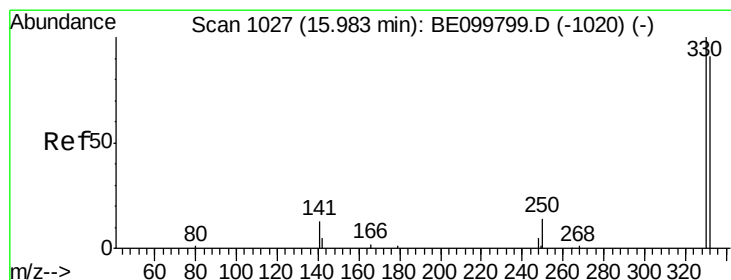
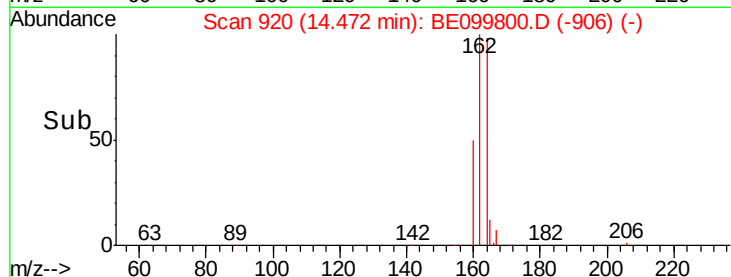
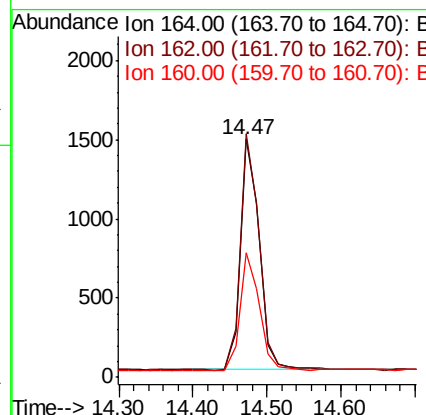
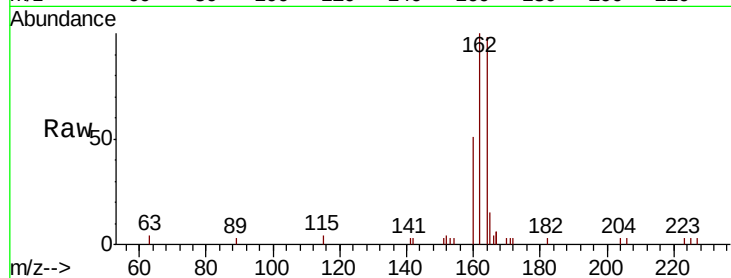




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE099800.D
 Acq: 5 Jun 2019 11:00

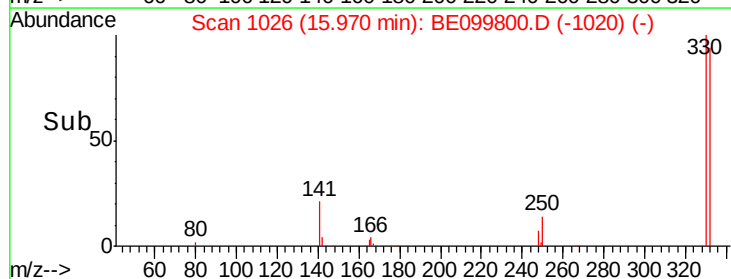
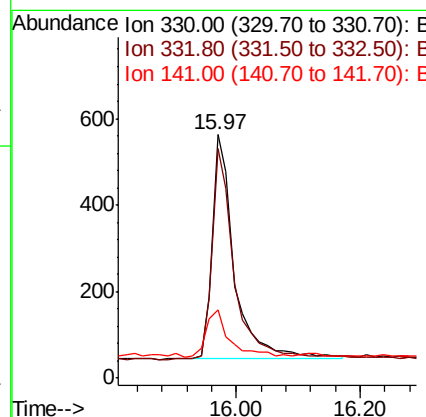
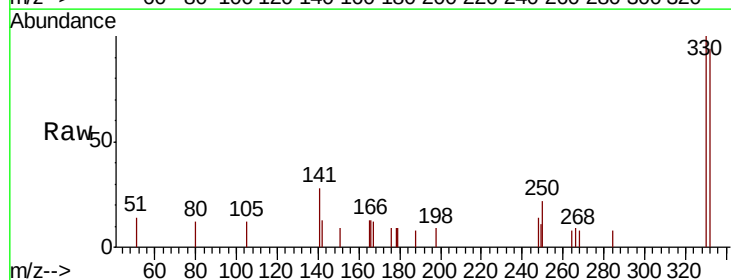
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

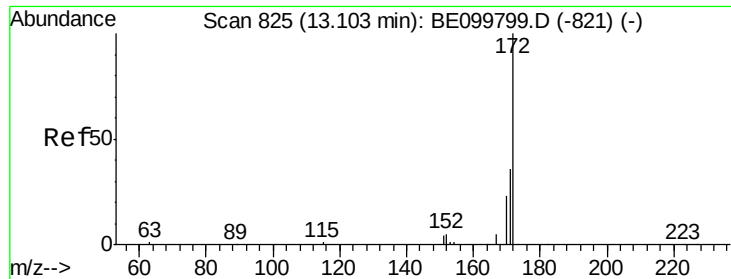
Tot Ion:164 Resp: 2592
 Ion Ratio Lower Upper
 164 100
 162 102.3 77.2 115.8
 160 52.4 39.4 59.2



#14
 2,4,6-Tribromophenol
 Concen: 0.842 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099800.D
 Acq: 5 Jun 2019 11:00

Tgt Ion:330 Resp: 1292
 Ion Ratio Lower Upper
 330 100
 332 92.4 72.9 109.3
 141 22.1 15.6 23.4

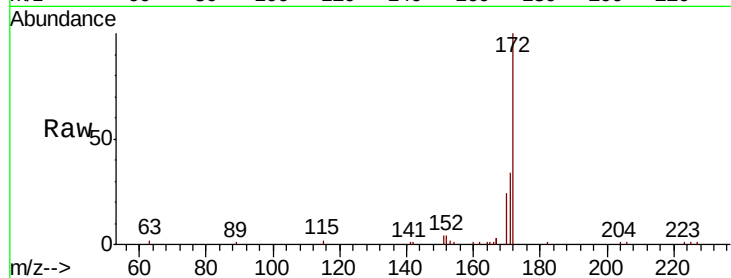




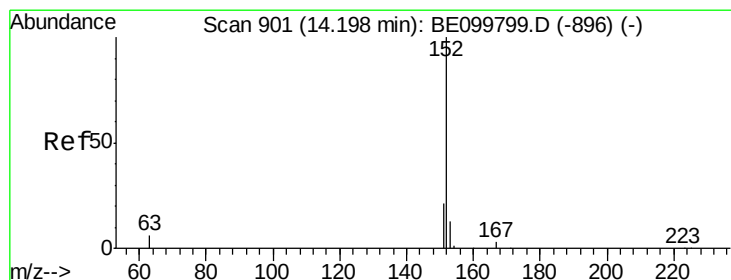
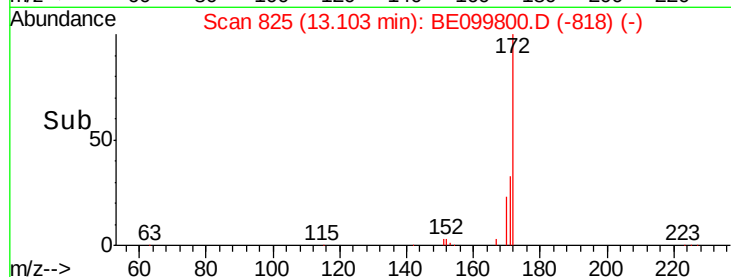
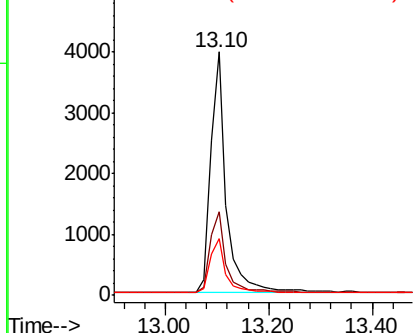
#15
2-Fluorobiphenyl
Concen: 0.857 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099800.D
Acq: 5 Jun 2019 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:172 Resp: 8427
Ion Ratio Lower Upper
172 100
171 34.1 30.2 45.4
170 23.6 20.1 30.1

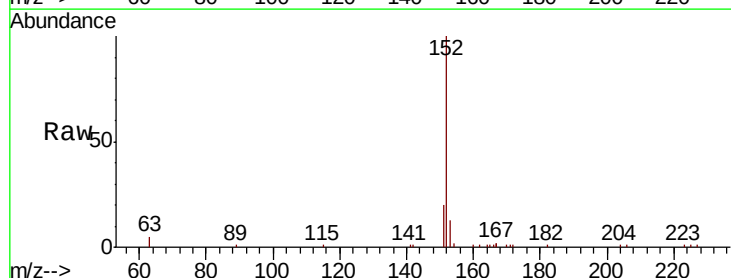


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

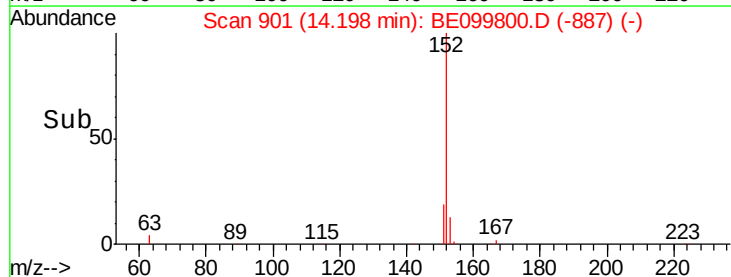
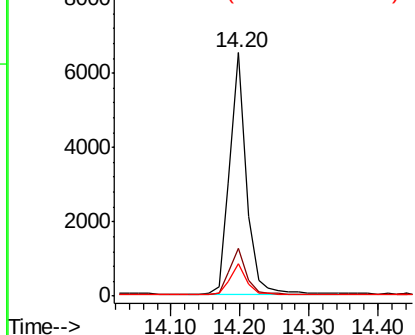


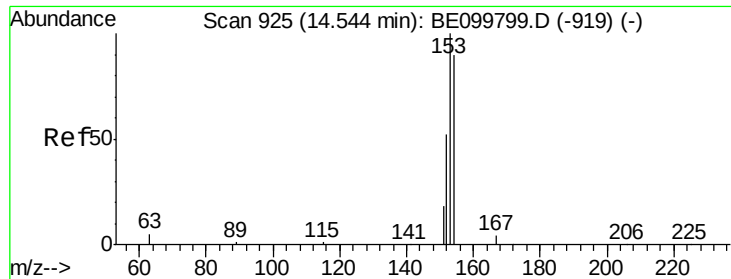
#16
Acenaphthylene
Concen: 0.908 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099800.D
Acq: 5 Jun 2019 11:00

Tgt Ion:152 Resp: 10967
Ion Ratio Lower Upper
152 100
151 19.1 15.9 23.9
153 12.9 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

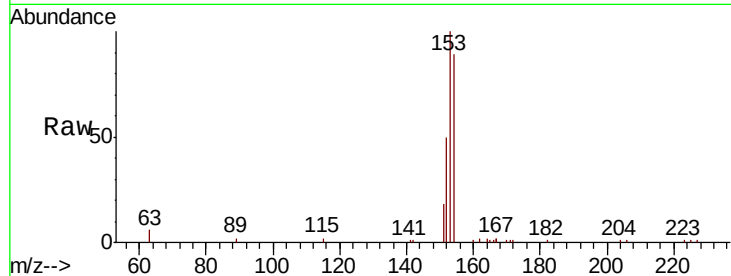




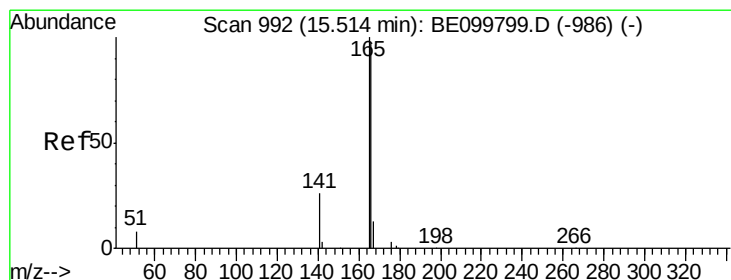
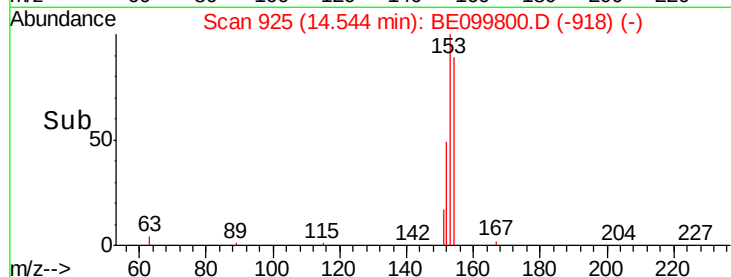
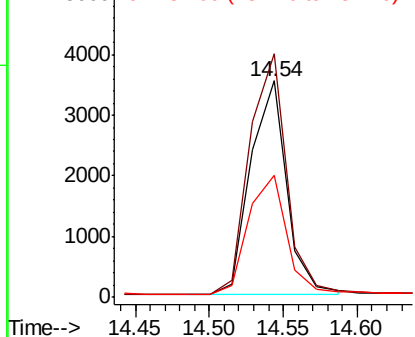
#17
Acenaphthene
Concen: 0.888 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099800.D
Acq: 5 Jun 2019 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:154 Resp: 6019
Ion Ratio Lower Upper
154 100
153 115.5 92.8 139.2
152 58.7 47.7 71.5

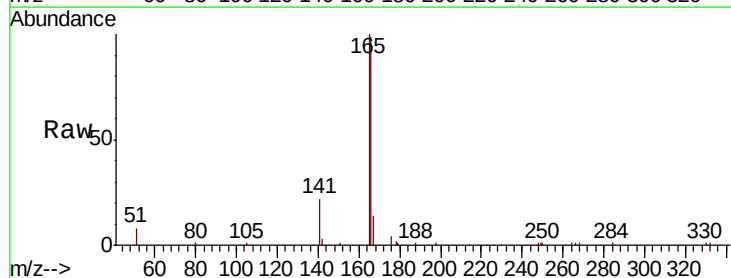


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

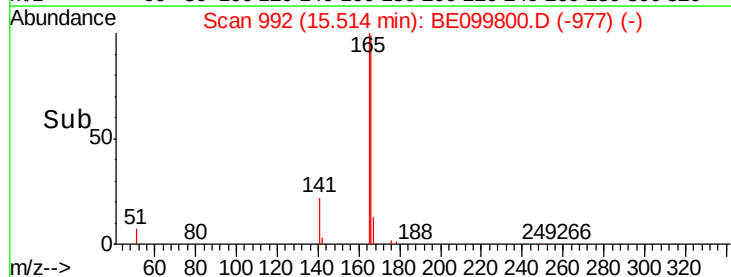
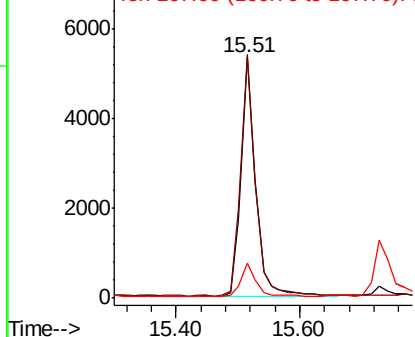


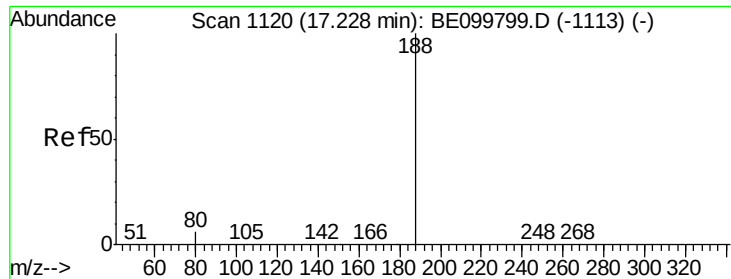
#18
Fluorene
Concen: 0.874 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099800.D
Acq: 5 Jun 2019 11:00

Tgt Ion:166 Resp: 8729
Ion Ratio Lower Upper
166 100
165 102.0 80.4 120.6
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: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

Instrument :

BNA_E

ClientSampled :

SSTDIC0.8

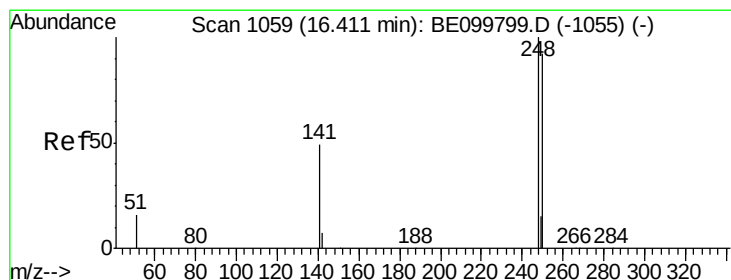
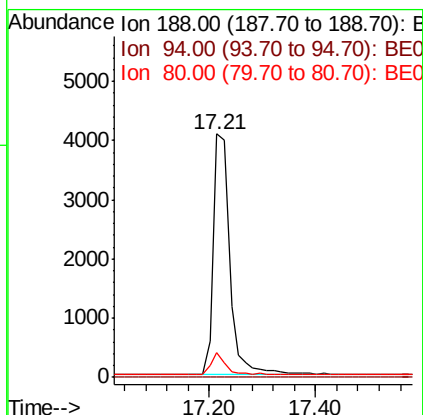
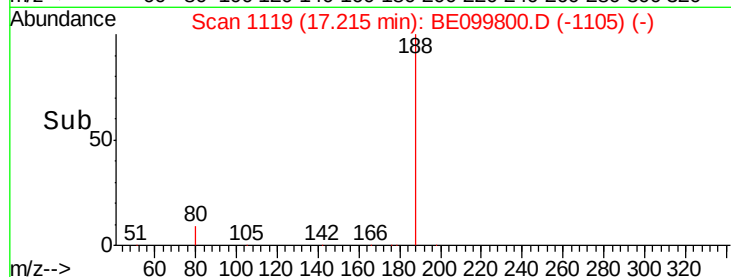
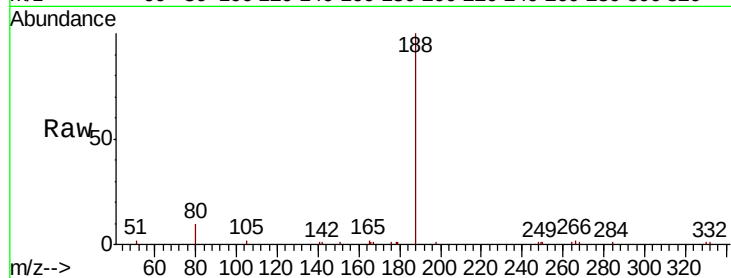
Tot Ion:188 Resp: 8696

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 5.2 7.8#



#20

4-Bromophenyl-phenylether

Concen: 0.798 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

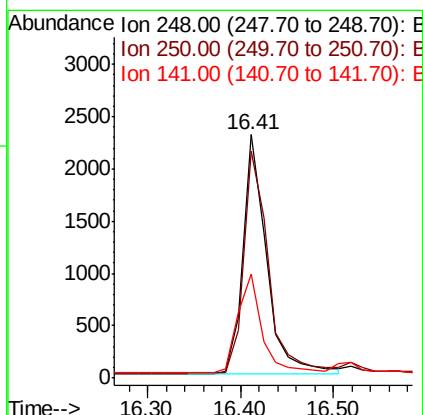
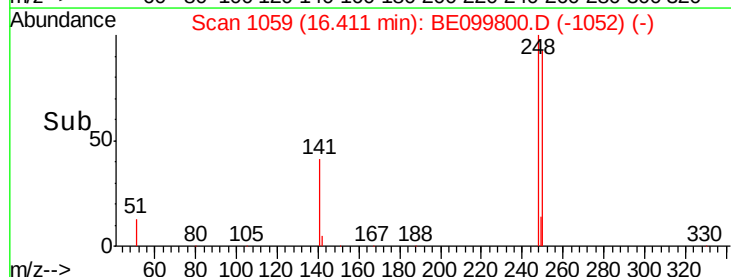
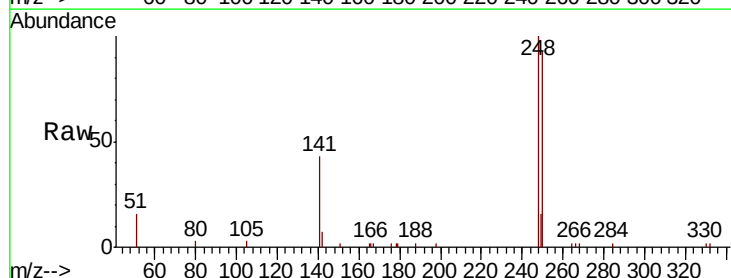
Tgt Ion:248 Resp: 4003

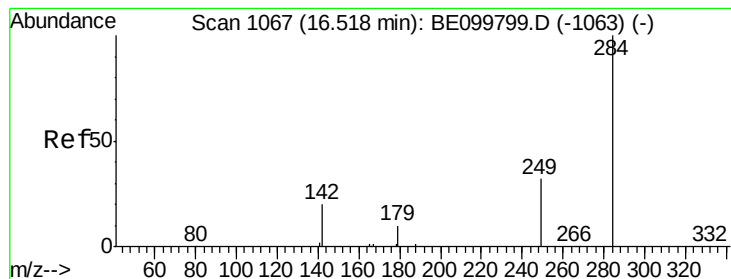
Ion Ratio Lower Upper

248 100

250 93.4 73.7 110.5

141 42.7 40.9 61.3





#21

Hexachlorobenzene

Concen: 0.856 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

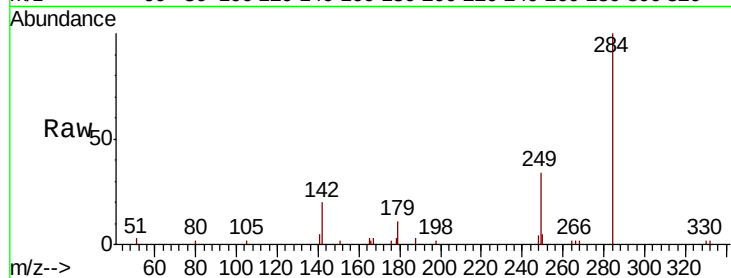
Tot Ion:284 Resp: 4392

Ion Ratio Lower Upper

284 100

142 20.9 16.2 24.4

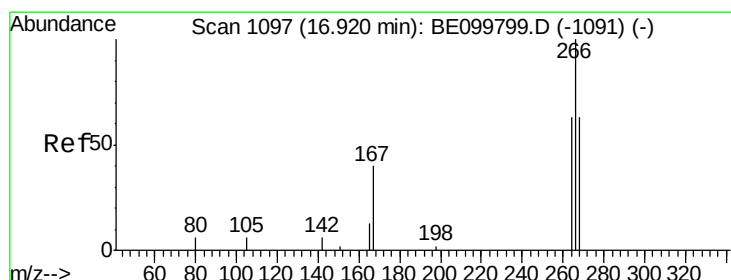
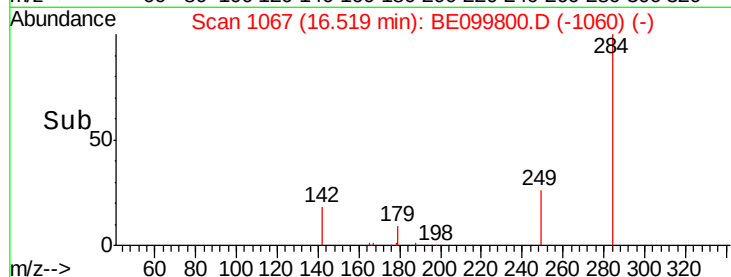
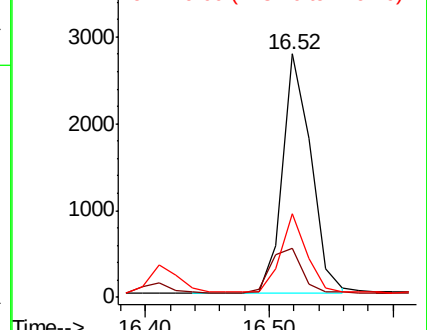
249 29.8 23.0 34.6



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: 0.470 ng

RT: 16.91 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

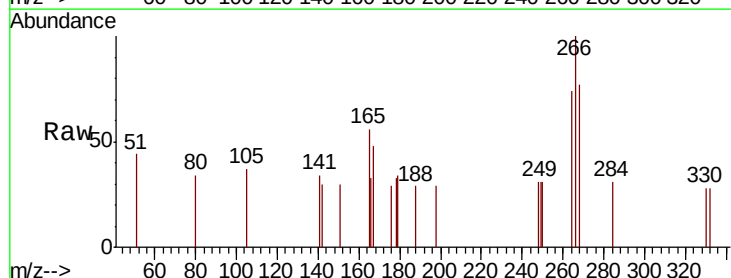
Tgt Ion:266 Resp: 694

Ion Ratio Lower Upper

266 100

264 73.6 64.9 97.3

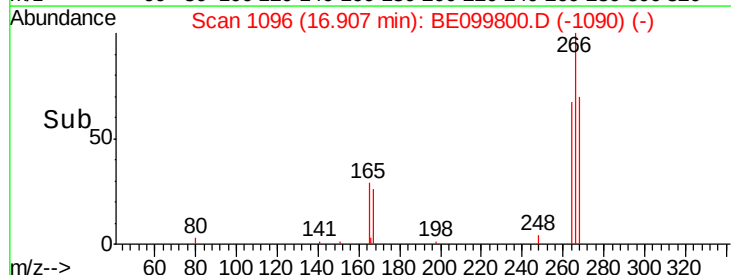
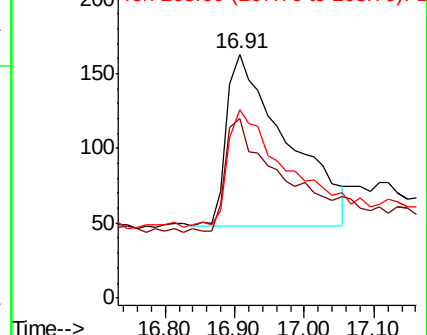
268 77.3 64.0 96.0

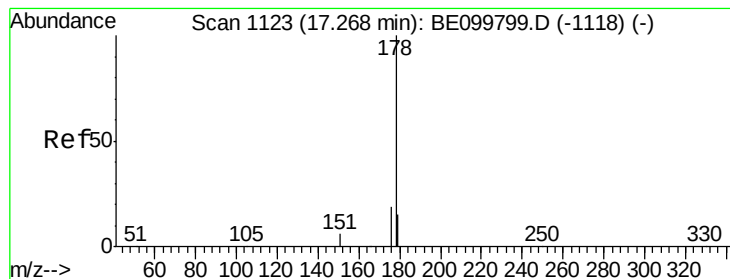


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.831 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

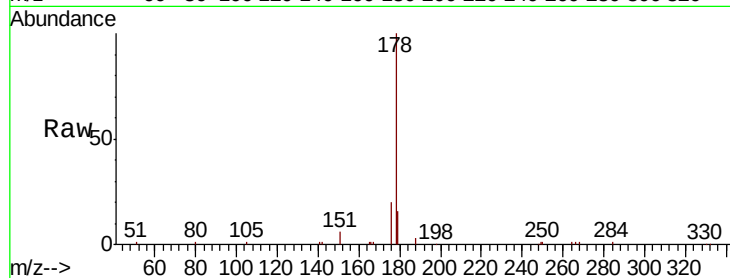
Tot Ion:178 Resp: 17660

Ion Ratio Lower Upper

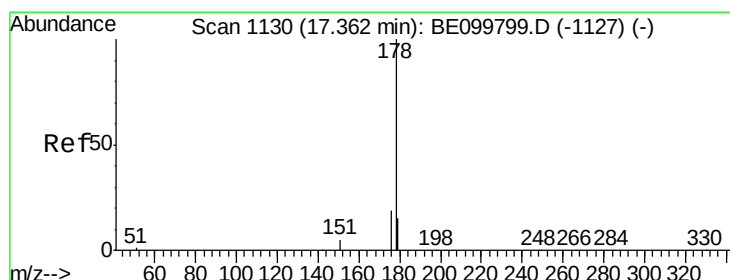
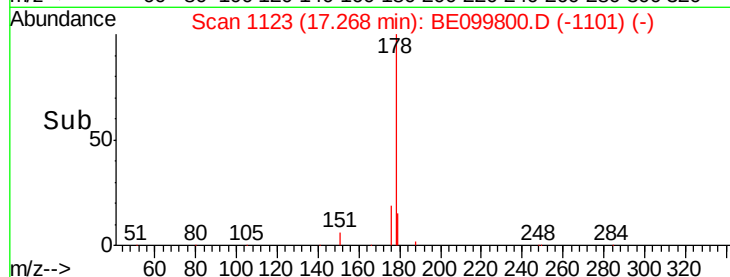
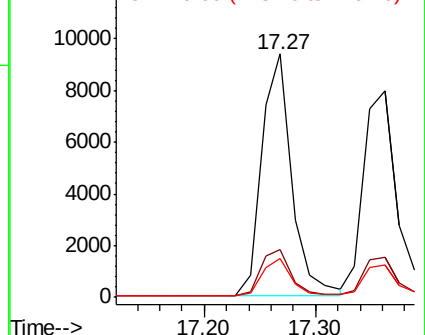
178 100

176 19.7 15.4 23.0

179 15.3 12.5 18.7



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: 0.814 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

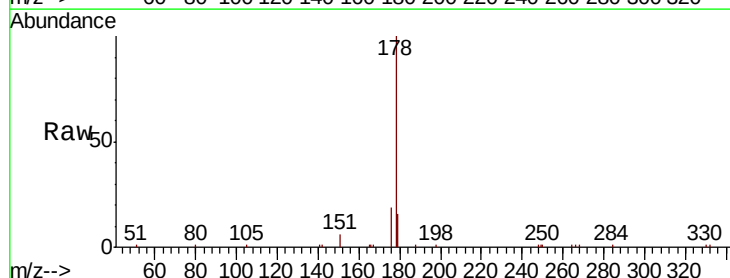
Tgt Ion:178 Resp: 15695

Ion Ratio Lower Upper

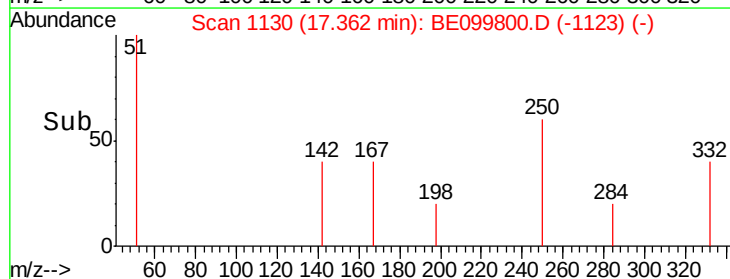
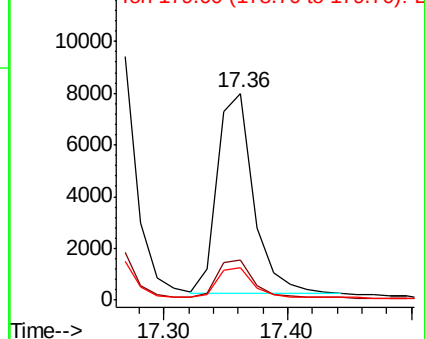
178 100

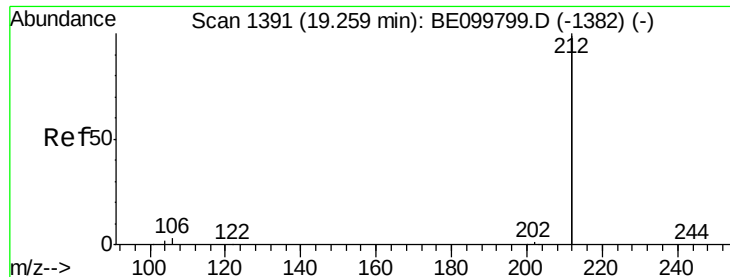
176 18.7 15.1 22.7

179 15.0 12.1 18.1



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: 0.970 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

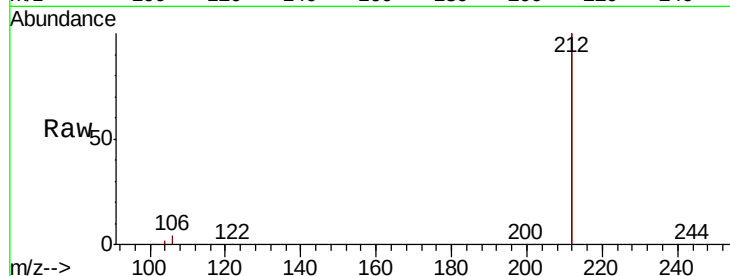
Tot Ion:212 Resp: 115224

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

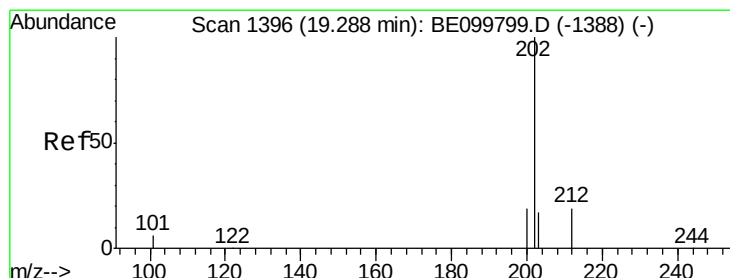
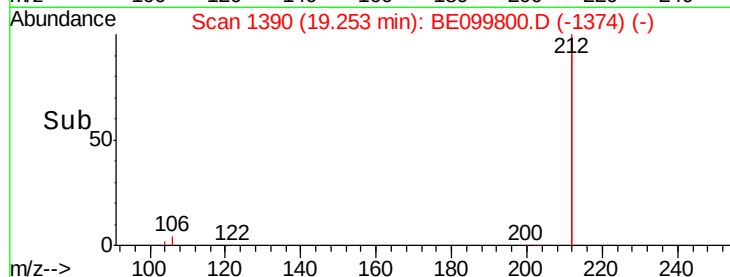
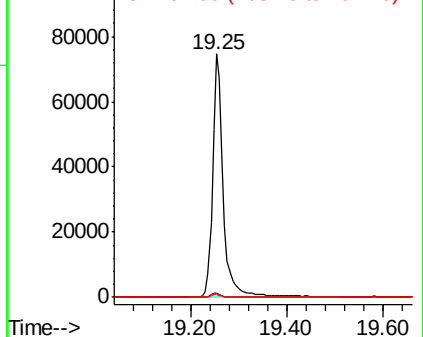
104 1.0 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.964 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

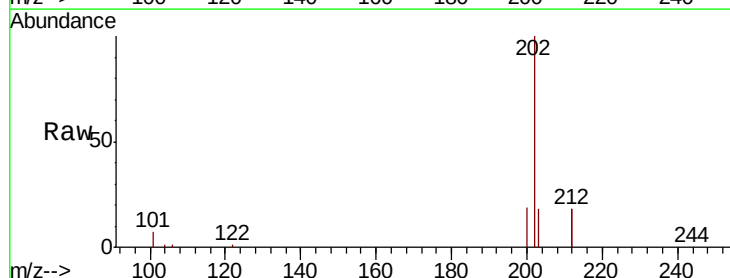
Tgt Ion:202 Resp: 32393

Ion Ratio Lower Upper

202 100

101 6.6 5.2 7.8

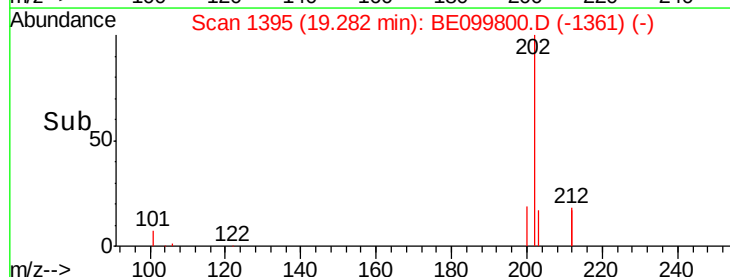
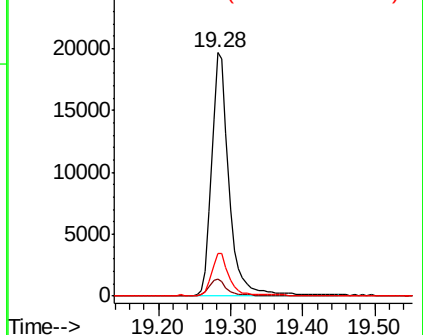
203 17.2 13.6 20.4

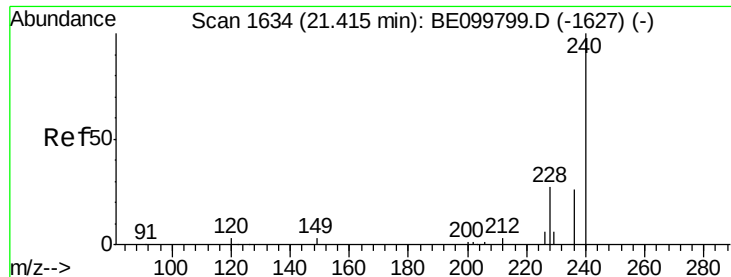


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

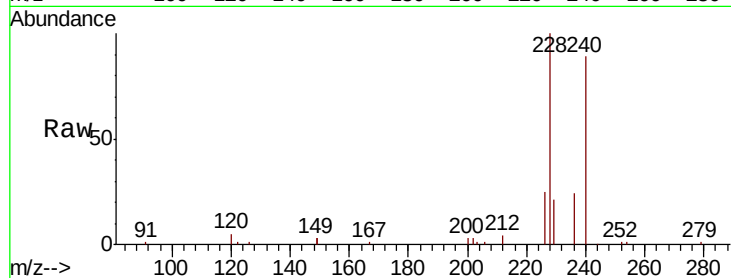




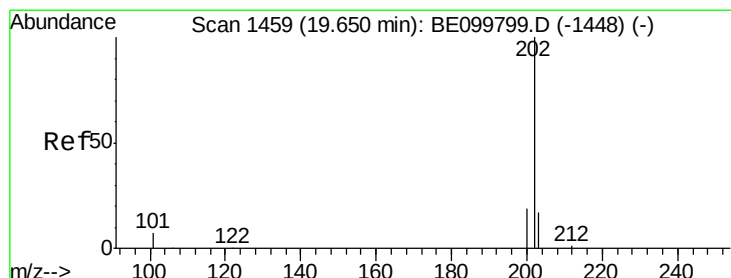
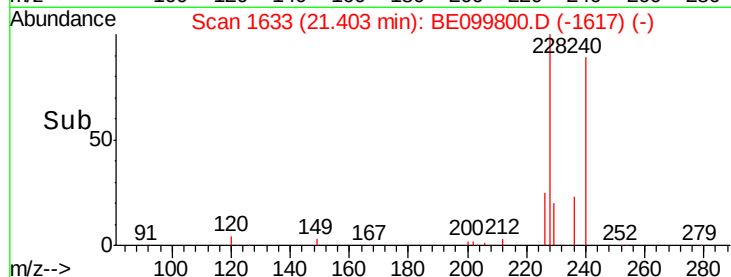
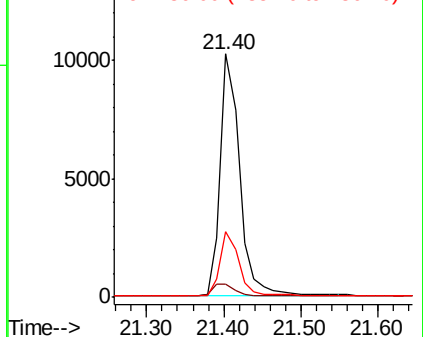
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BE099800.D
 Acq: 5 Jun 2019 11:00

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tot Ion:240 Resp: 18103
 Ion Ratio Lower Upper
 240 100
 120 5.7 2.8 4.2#
 236 26.8 20.9 31.3

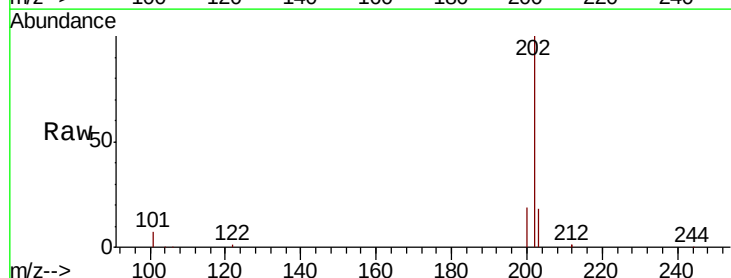


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

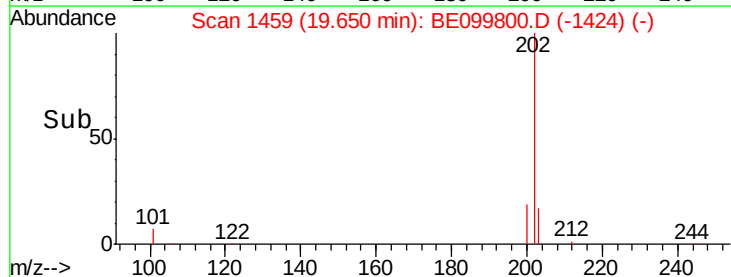
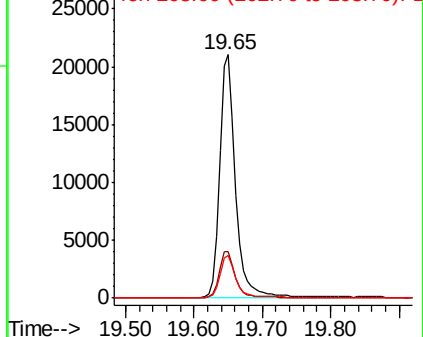


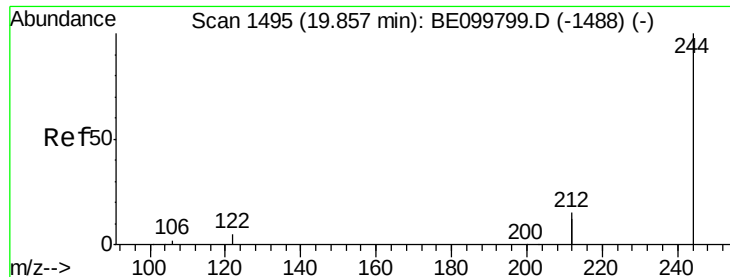
#28
 Pyrene
 Concen: 0.747 ng
 RT: 19.65 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BE099800.D
 Acq: 5 Jun 2019 11:00

Tgt Ion:202 Resp: 33978
 Ion Ratio Lower Upper
 202 100
 200 19.3 15.6 23.4
 203 17.3 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: 0.723 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

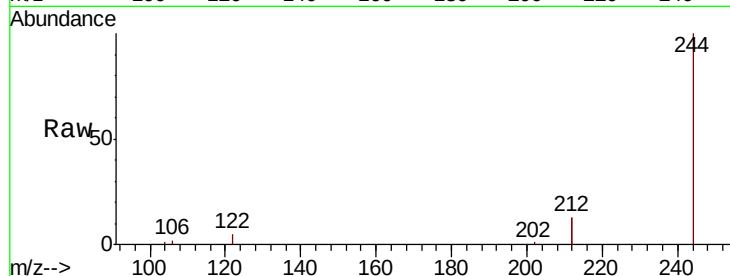
Tot Ion:244 Resp: 23348

Ion Ratio Lower Upper

244 100

212 26.6 23.7 35.5

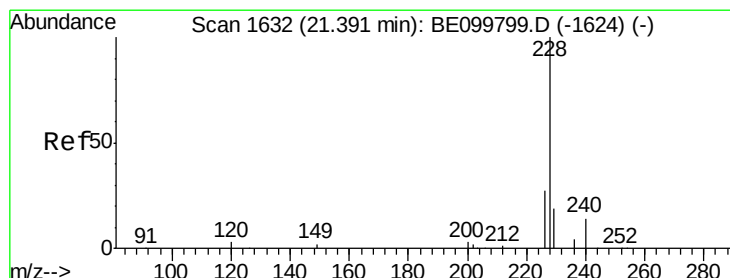
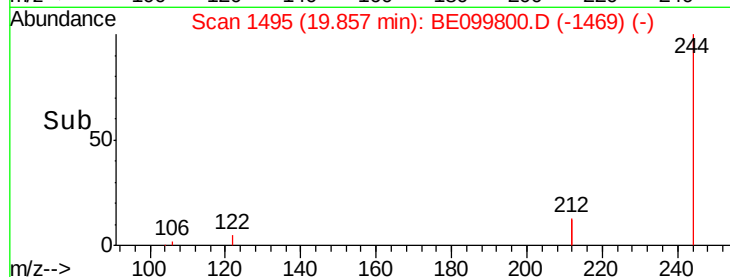
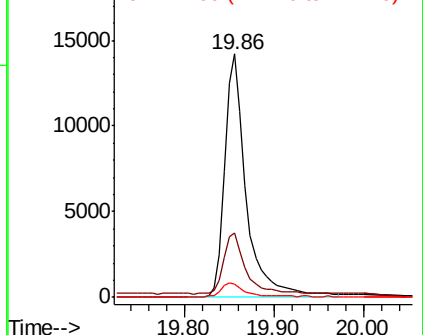
122 5.3 4.8 7.2



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: 0.816 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

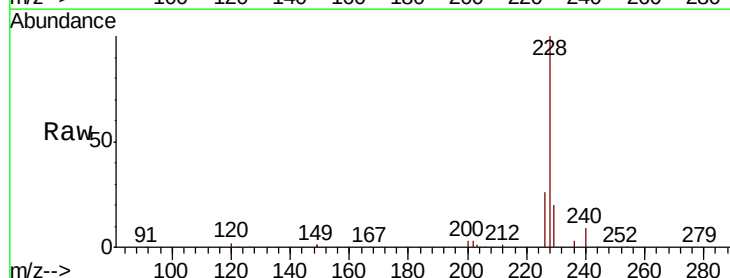
Tgt Ion:228 Resp: 41964

Ion Ratio Lower Upper

228 100

226 26.4 21.6 32.4

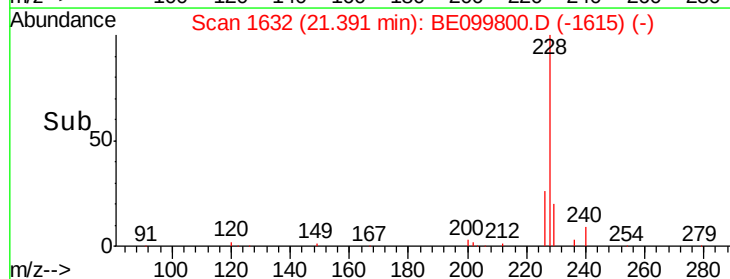
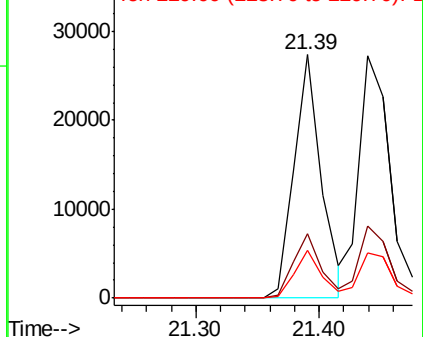
229 19.8 15.8 23.6

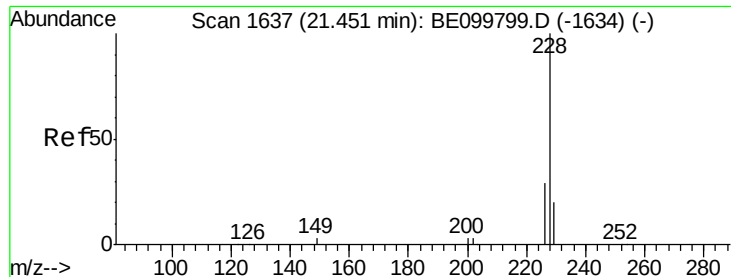


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.847 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

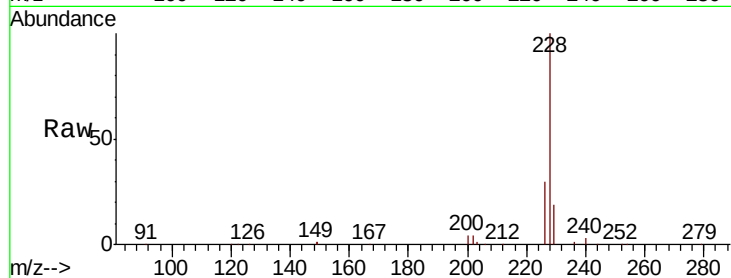
Tot Ion:228 Resp: 46602

Ion Ratio Lower Upper

228 100

226 29.9 22.9 34.3

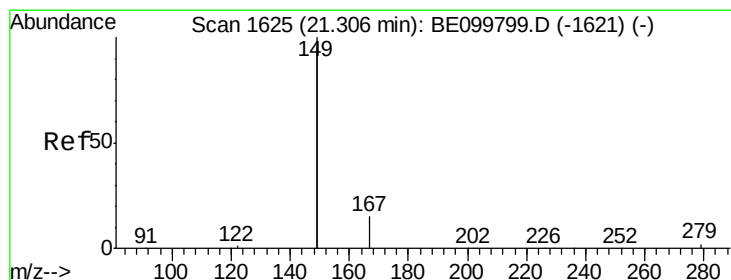
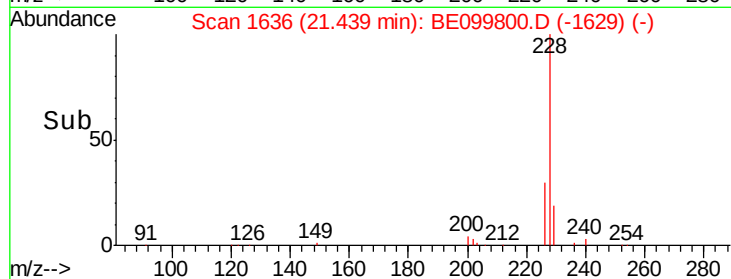
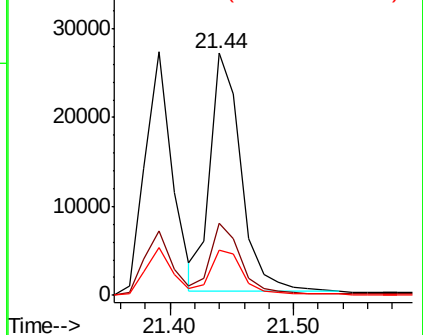
229 18.9 16.4 24.6



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: 0.764 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

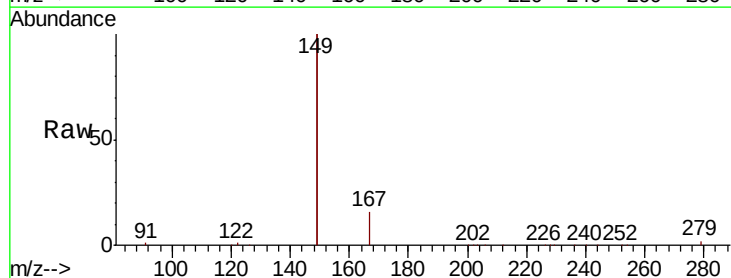
Tgt Ion:149 Resp: 45301

Ion Ratio Lower Upper

149 100

167 7.6 6.0 9.0

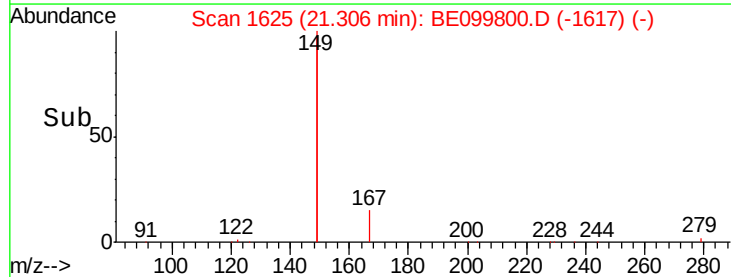
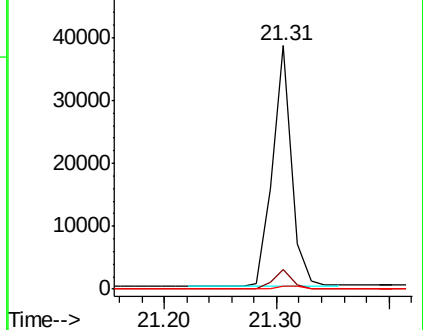
279 1.5 1.2 1.8

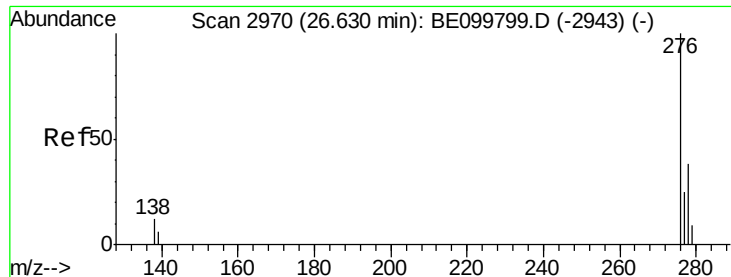


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

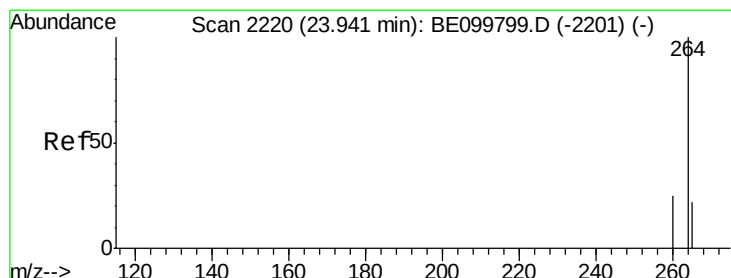
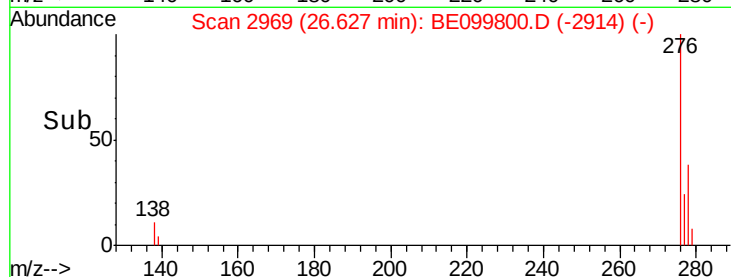
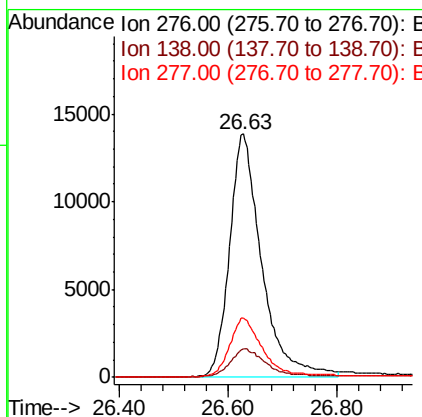
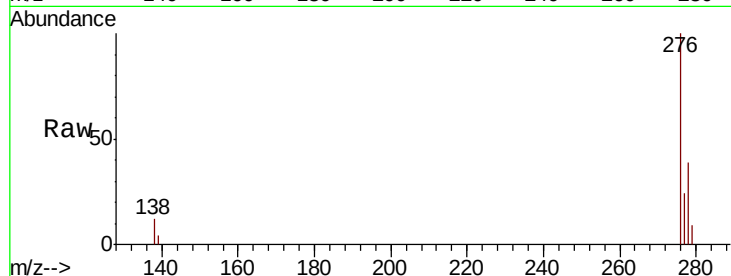




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.852 ng
 RT: 26.63 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BE099800.D
 Acq: 5 Jun 2019 11:00

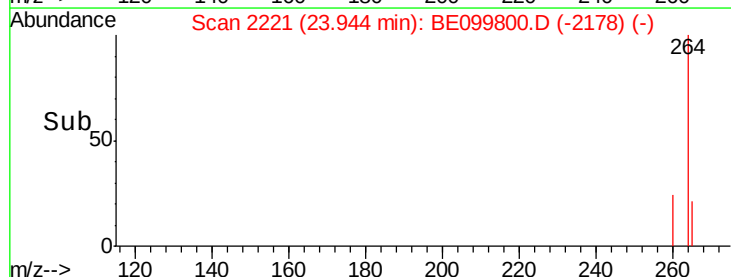
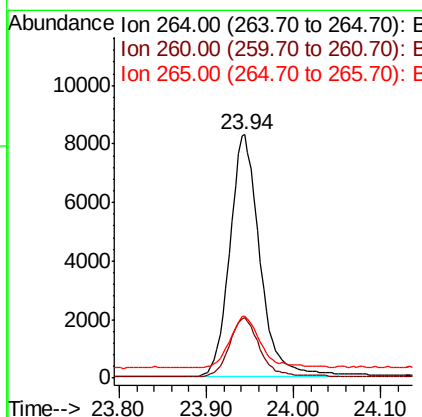
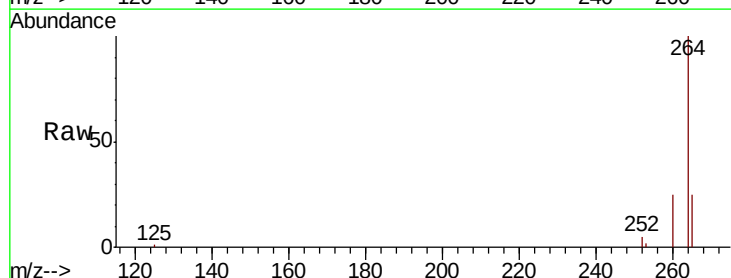
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

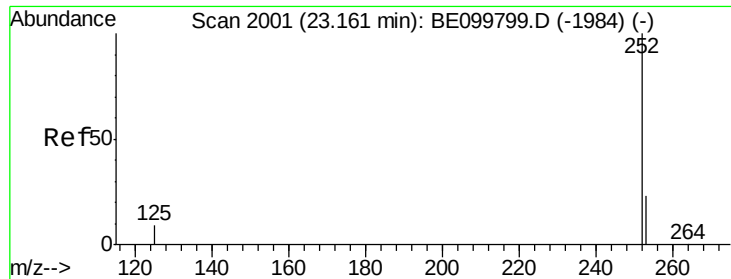
Tot Ion:276 Resp: 56544
 Ion Ratio Lower Upper
 276 100
 138 12.2 10.3 15.5
 277 24.5 19.4 29.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2221
 Delta R.T. 0.00 min
 Lab File: BE099800.D
 Acq: 5 Jun 2019 11:00

Tgt Ion:264 Resp: 19791
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.0 30.0
 265 25.4 20.7 31.1





#35

Benzo(b)fluoranthene

Concen: 0.849 ng

RT: 23.16 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

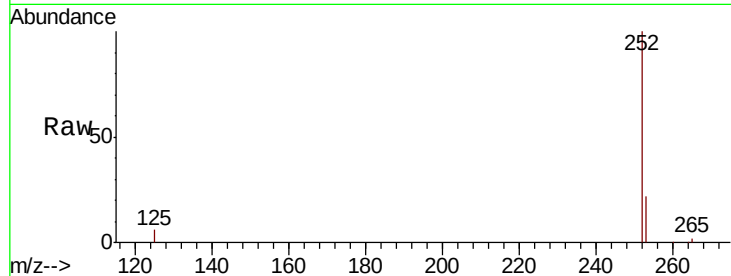
Tot Ion:252 Resp: 46038

Ion Ratio Lower Upper

252 100

253 22.1 18.9 28.3

125 6.0 7.6 11.4#

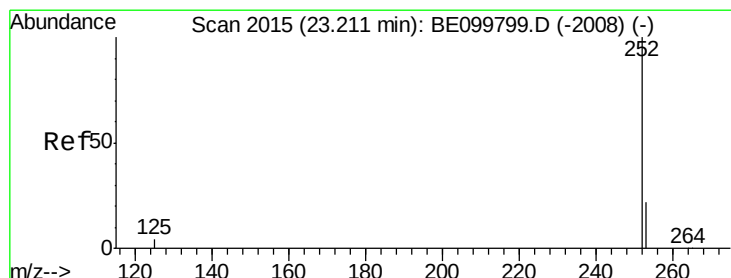
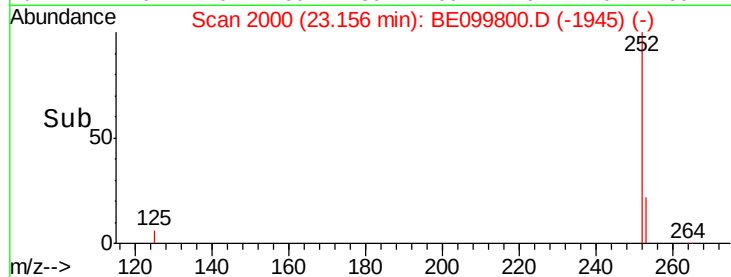
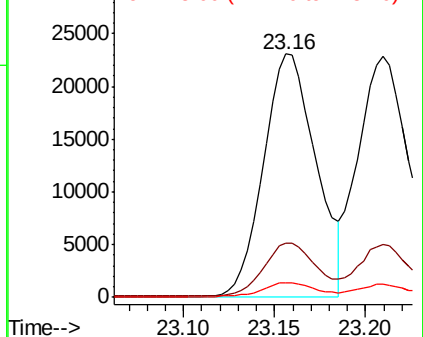


Abundance

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: 0.848 ng

RT: 23.21 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

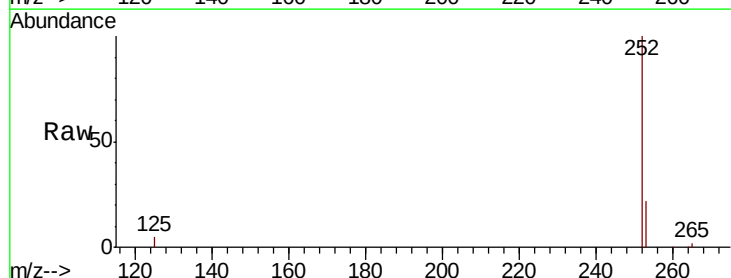
Tgt Ion:252 Resp: 47937

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

125 5.3 4.6 7.0

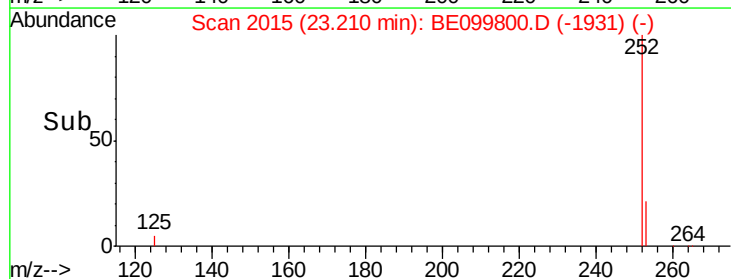
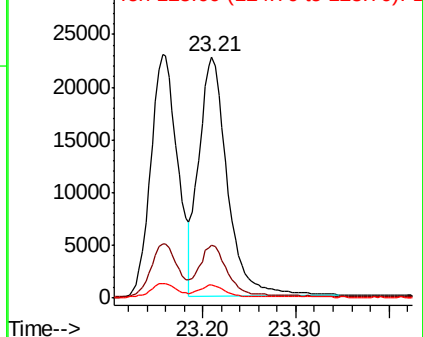


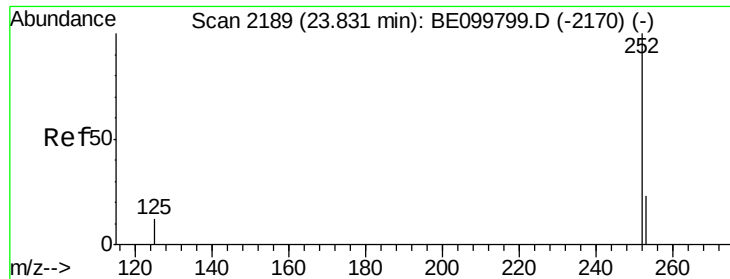
Abundance

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





#37

Benzo(a)pyrene

Concen: 0.858 ng

RT: 23.83 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

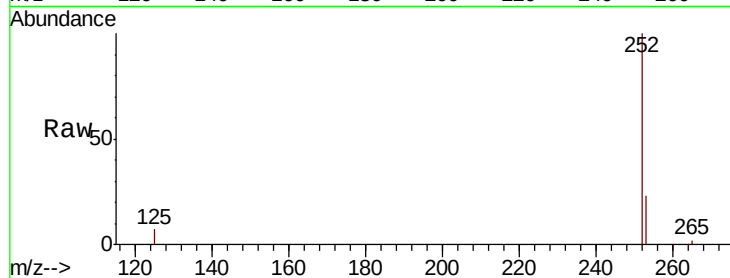
Tot Ion:252 Resp: 44782

Ion Ratio Lower Upper

252 100

253 22.5 19.3 28.9

125 6.8 10.2 15.4#

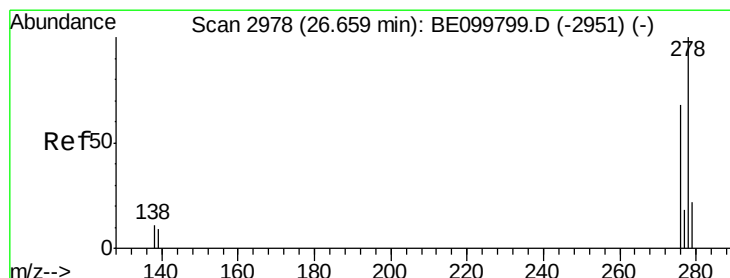
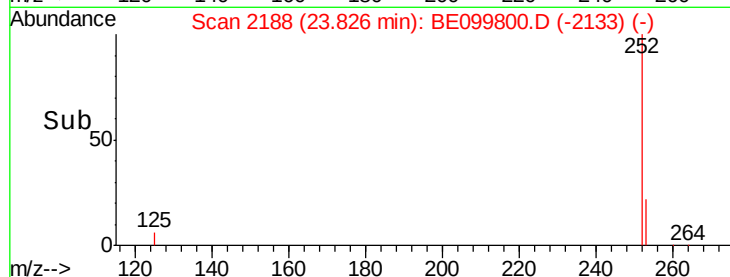
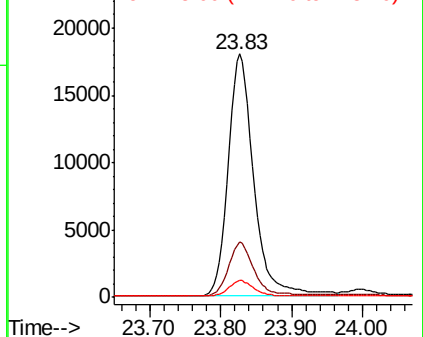


Abundance

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: 0.833 ng

RT: 26.66 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

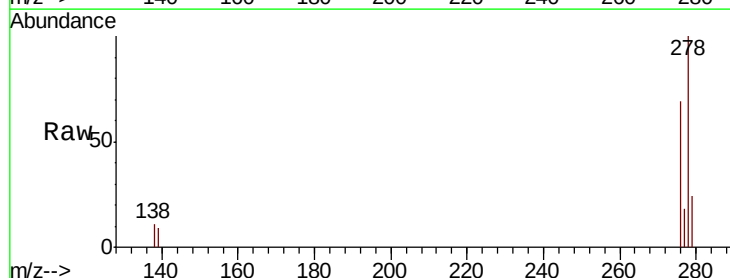
Tgt Ion:278 Resp: 45629

Ion Ratio Lower Upper

278 100

139 8.5 7.9 11.9

279 24.0 18.5 27.7

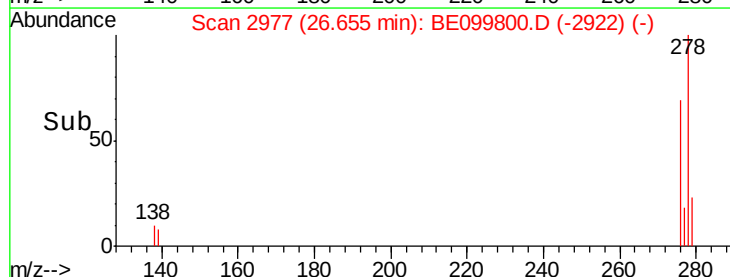
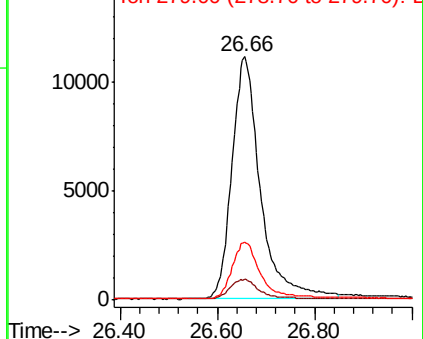


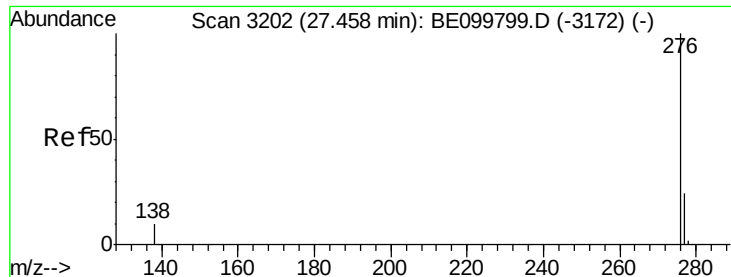
Abundance

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: 0.868 ng

RT: 27.45 min Scan# 3200

Delta R.T. -0.01 min

Lab File: BE099800.D

Acq: 5 Jun 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

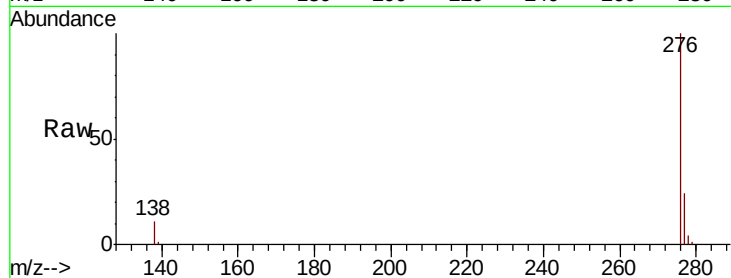
Tot Ion: 276 Resp: 48021

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 10.7 9.0 13.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

