

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099913.D
 Acq On : 11 Jun 2019 8:28
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 12 03:40:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	634	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2334	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1899	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6545	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8970	0.40	ng	0.00
34) Perylene-d12	23.93	264	10244	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	558	0.33	ng	0.01
5) Phenol-d6	6.97	99	790	0.36	ng	0.00
8) Nitrobenzene-d5	8.98	82	801	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1686	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	401	0.29	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2680	0.37	ng	0.00
25) Fluoranthene-d10	19.25	212	35348	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	6749	0.42	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	350	0.373	ng	94
3) n-Nitrosodimethylamine	3.63	42	133	0.246	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	658	0.365	ng	# 76
9) Naphthalene	10.65	128	10308	0.409	ng	100
10) Hexachlorobutadiene	10.93	225	818	0.426	ng	99
12) 2-Methylnaphthalene	12.30	142	1647	0.402	ng	97
16) Acenaphthylene	14.20	152	3691	0.391	ng	99
17) Acenaphthene	14.53	154	1922	0.374	ng	97
18) Fluorene	15.52	166	2994	0.388	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	1397	0.377	ng	97
21) Hexachlorobenzene	16.52	284	1451	0.383	ng	100
22) Pentachlorophenol	16.95	266	225	0.423	ng	92
23) Phenanthrene	17.26	178	6079	0.383	ng	99
24) Anthracene	17.35	178	5087	0.349	ng	99
26) Fluoranthene	19.28	202	10112	0.375	ng	100
28) Pyrene	19.64	202	10431	0.443	ng	100
30) Benzo(a)anthracene	21.39	228	10977	0.409	ng	97
31) Chrysene	21.44	228	12107	0.437	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	13238	0.344	ng	100
33) Indeno(1,2,3-cd)pyrene	26.62	276	13683	0.416	ng	# 82
35) Benzo(b)fluoranthene	23.15	252	11298	0.394	ng	98
36) Benzo(k)fluoranthene	23.20	252	12298	0.410	ng	99
37) Benzo(a)pyrene	23.82	252	11244	0.398	ng	# 98
38) Dibenzo(a,h)anthracene	26.64	278	10742	0.377	ng	# 98
39) Benzo(g,h,i)perylene	27.44	276	11838	0.402	ng	99

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

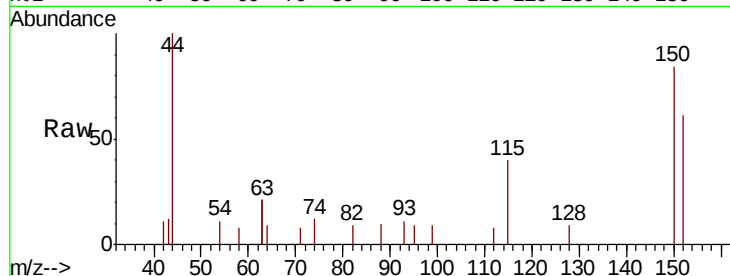


#1

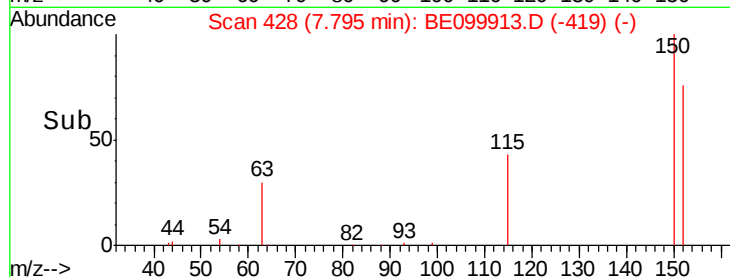
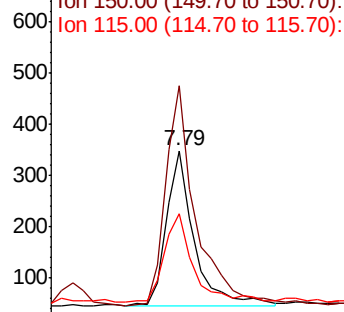
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099913.D
Acq: 11 Jun 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 634
Ion Ratio Lower Upper
152 100
150 136.4 111.0 166.6
115 65.0 50.7 76.1



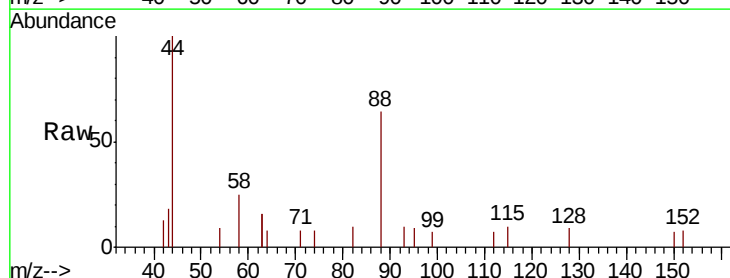
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



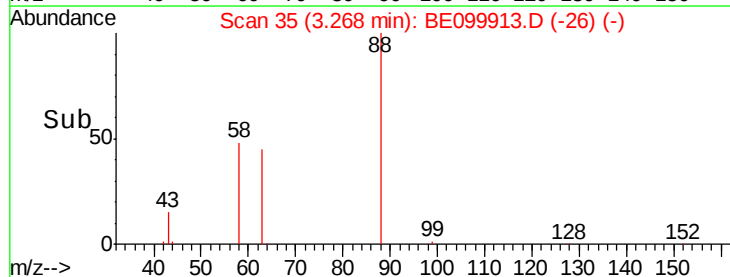
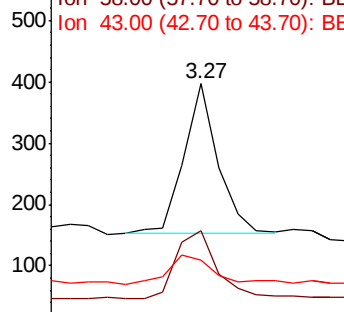
#2

1,4-Dioxane
Concen: 0.373 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099913.D
Acq: 11 Jun 2019 8:28

Tgt Ion: 88 Resp: 350
Ion Ratio Lower Upper
88 100
58 56.6 48.8 73.2
43 27.7 19.0 28.6



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: 0.246 ng

RT: 3.63 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

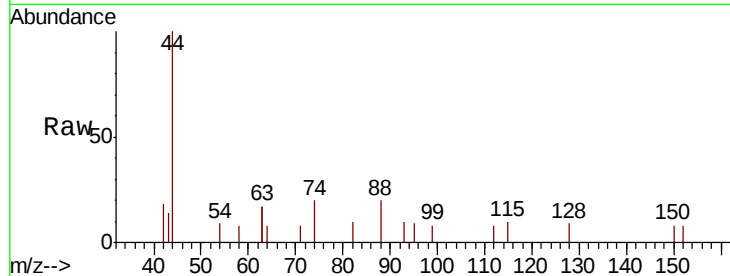
Tgt Ion: 42 Resp: 133

Ion Ratio Lower Upper

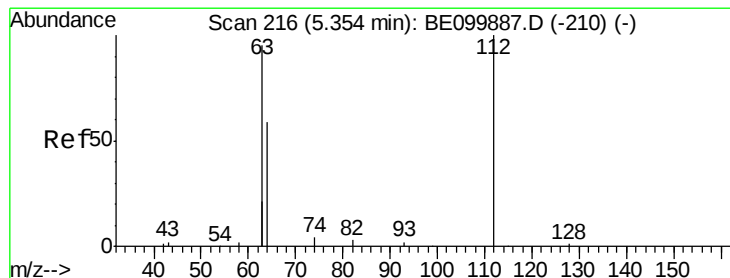
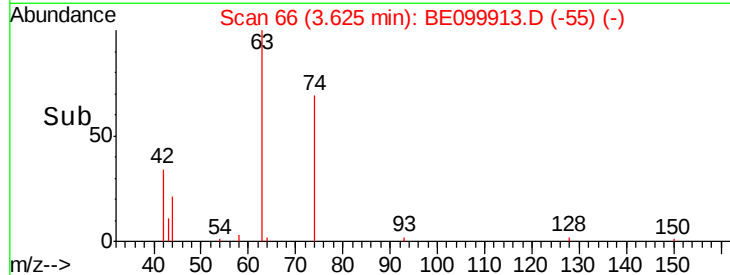
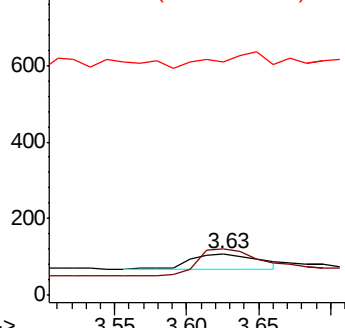
42 100

74 160.2 0.0 0.0#

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.326 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

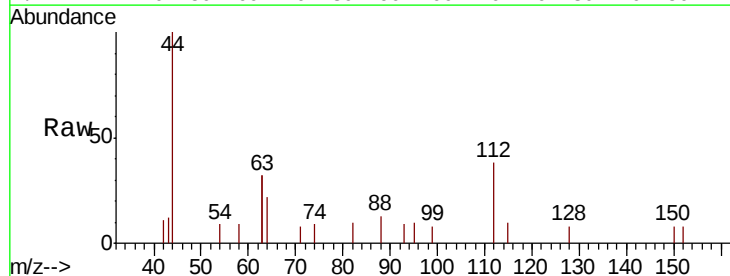
Tgt Ion: 112 Resp: 558

Ion Ratio Lower Upper

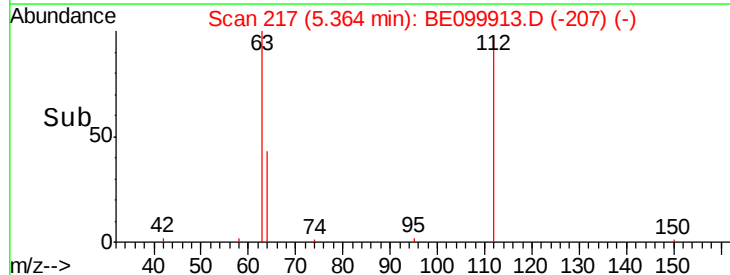
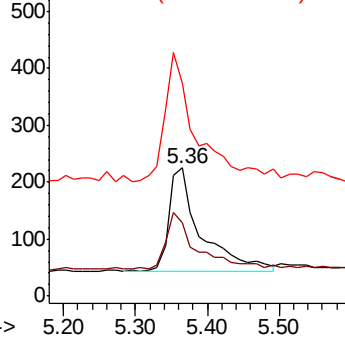
112 100

64 57.3 44.1 66.1

63 131.0 87.8 131.6



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: 0.358 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

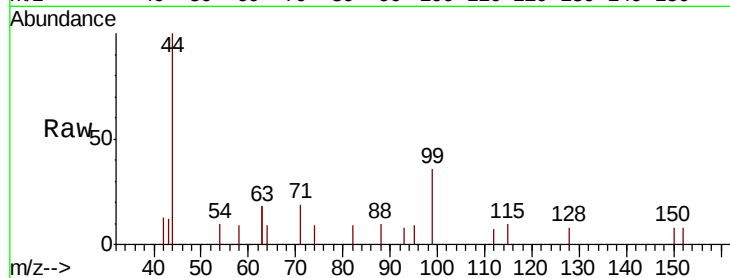
Tgt Ion: 99 Resp: 790

Ion Ratio Lower Upper

99 100

42 13.5 15.9 23.9#

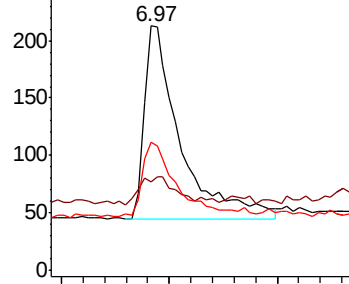
71 34.4 34.6 52.0#



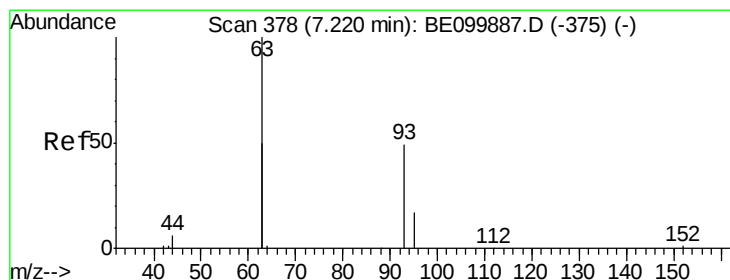
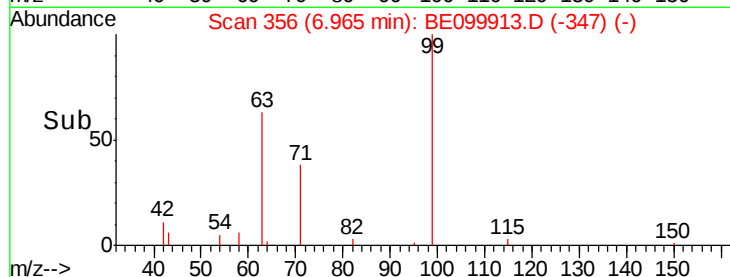
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.80 7.00 7.20



#6

bis(2-Chloroethyl)ether

Concen: 0.365 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

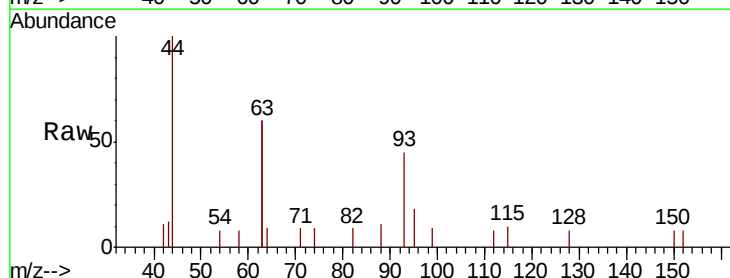
Tgt Ion: 93 Resp: 658

Ion Ratio Lower Upper

93 100

63 208.4 202.8 304.2

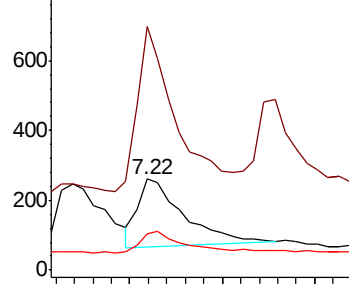
95 35.6 23.7 35.5#



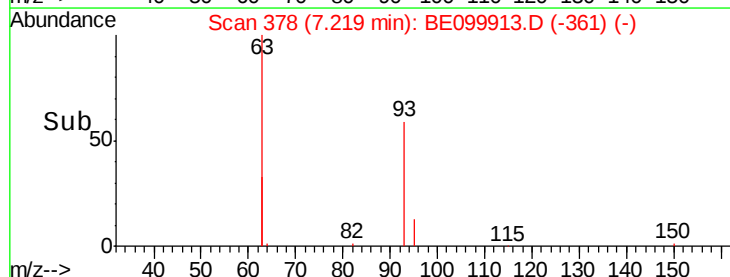
Abundance Ion 93.00 (92.70 to 93.70): BE0

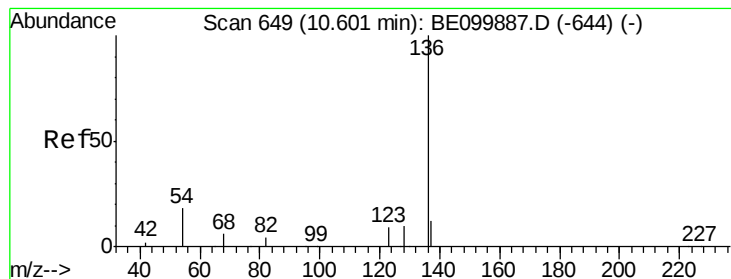
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.20 7.30 7.40





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 2334

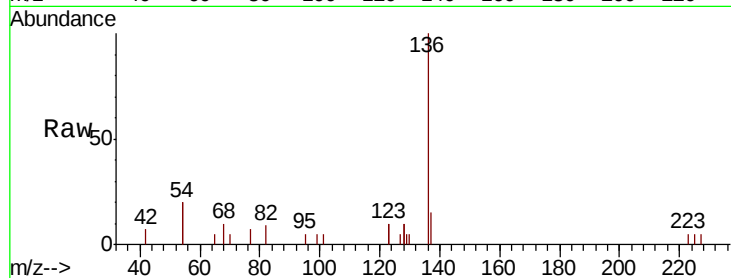
Ion Ratio Lower Upper

136 100

137 15.1 12.3 18.5

54 39.3 28.2 42.4

68 9.9 7.8 11.8

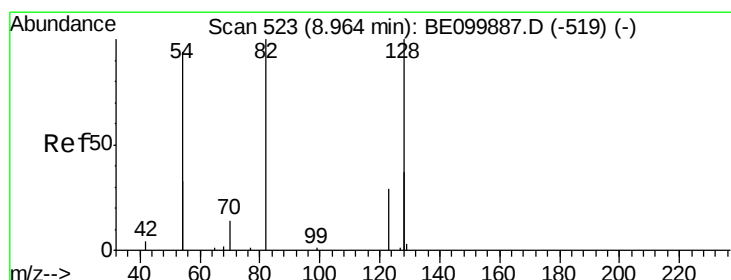
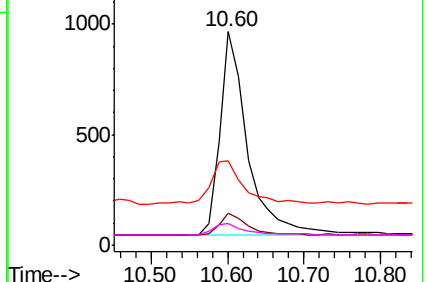
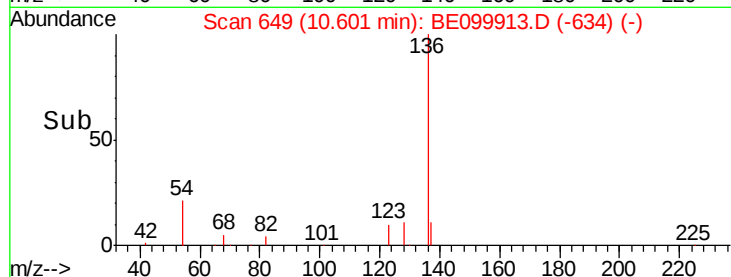


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.362 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

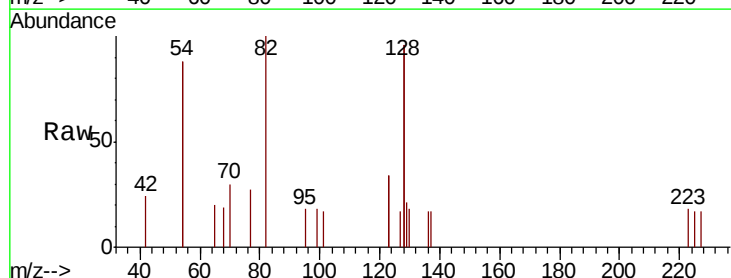
Tgt Ion: 82 Resp: 801

Ion Ratio Lower Upper

82 100

128 191.2 137.3 205.9

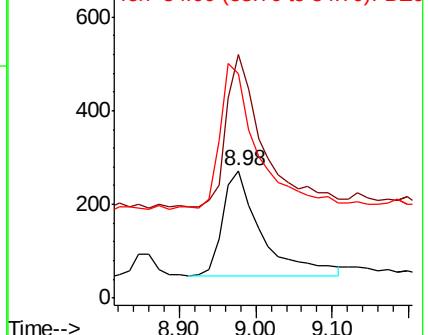
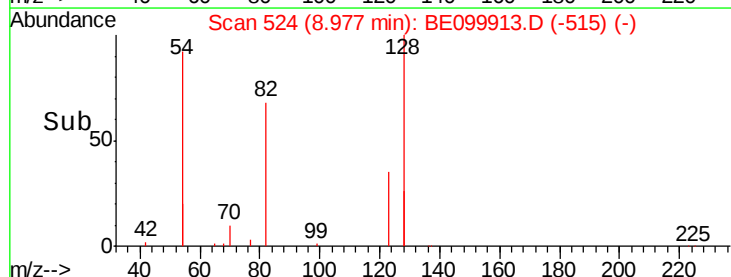
54 175.7 129.7 194.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.409 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

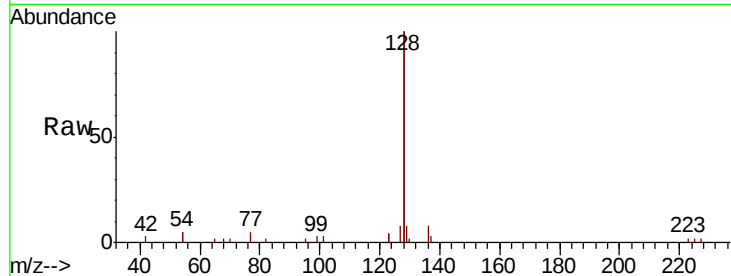
Tgt Ion:128 Resp: 10308

Ion Ratio Lower Upper

128 100

129 3.8 3.0 4.6

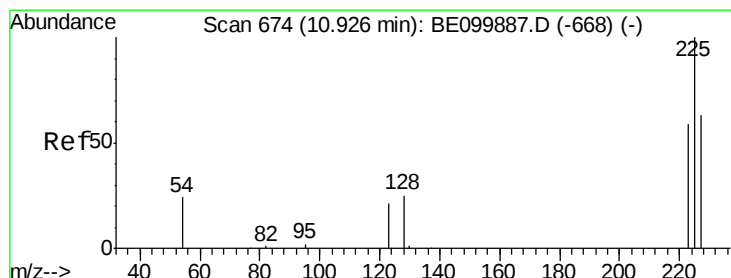
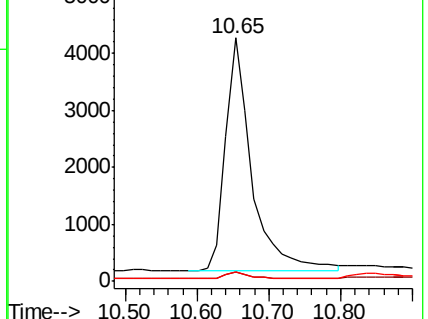
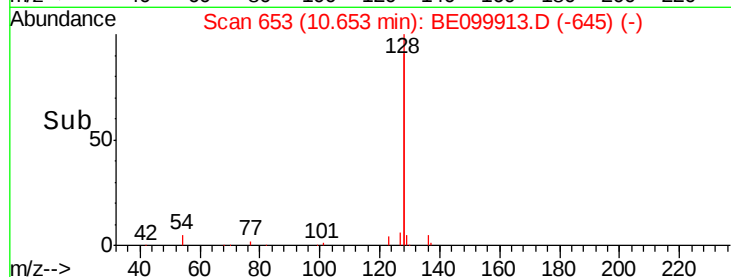
127 4.1 3.4 5.0



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: 0.426 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

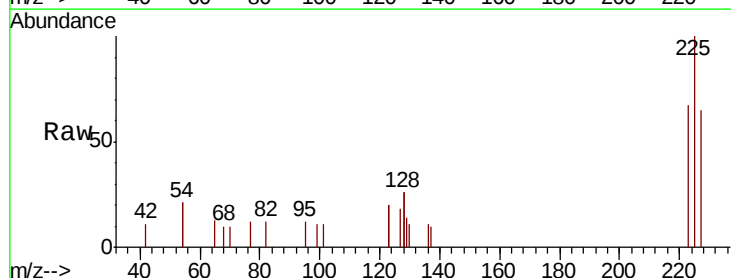
Tgt Ion:225 Resp: 818

Ion Ratio Lower Upper

225 100

223 63.7 51.6 77.4

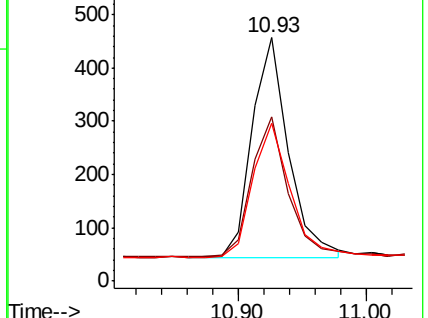
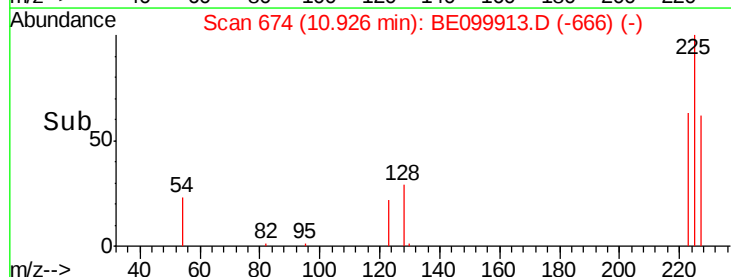
227 63.2 50.6 76.0



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: 0.414 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

Instrument :

BNA_E

ClientSampleId :

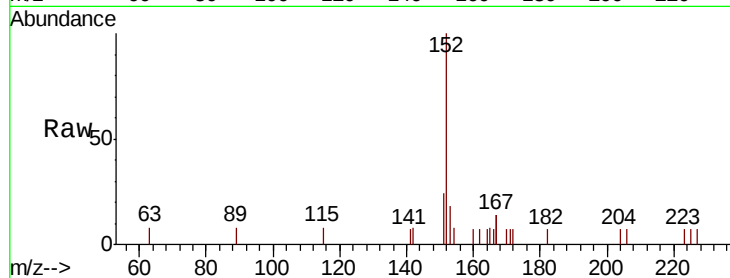
SSTDCCC0.4

Tgt Ion:152 Resp: 1686

Ion Ratio Lower Upper

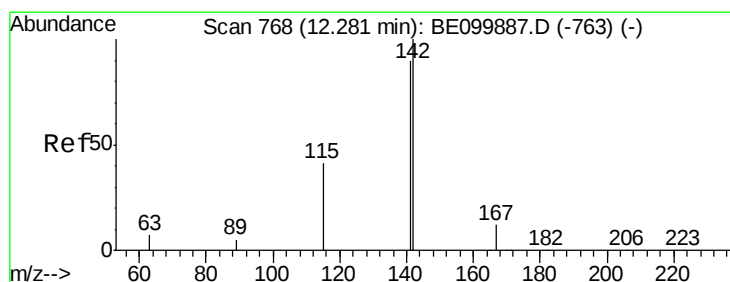
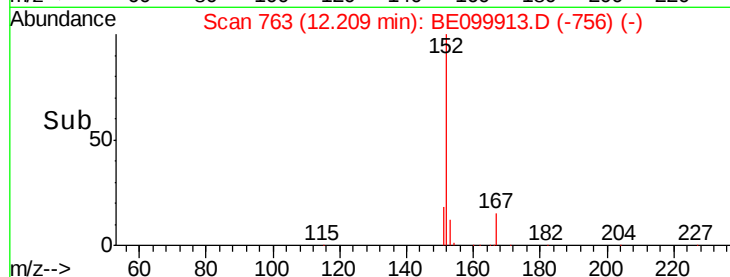
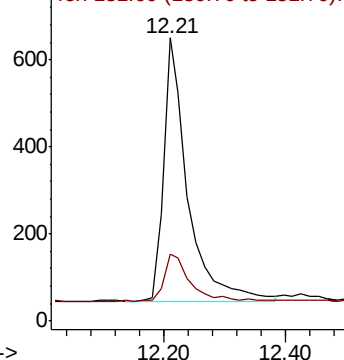
152 100

151 19.7 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.402 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.02 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

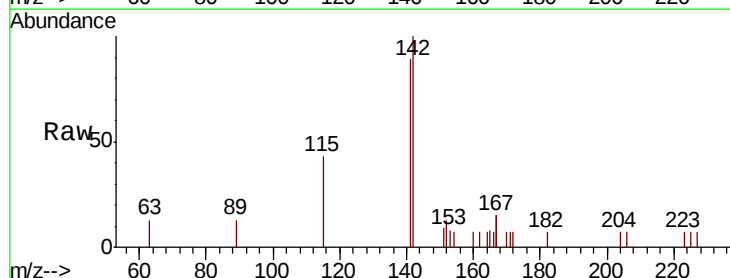
Tgt Ion:142 Resp: 1647

Ion Ratio Lower Upper

142 100

141 88.7 72.3 108.5

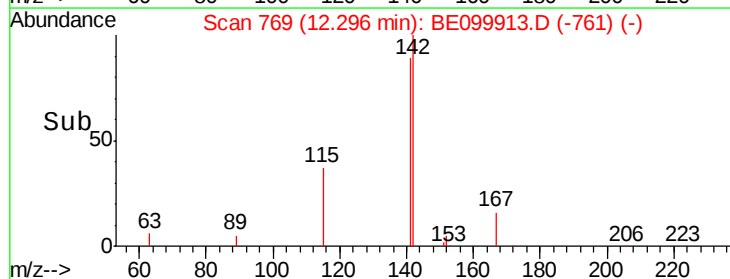
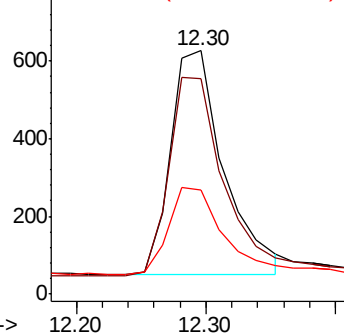
115 42.7 36.4 54.6



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

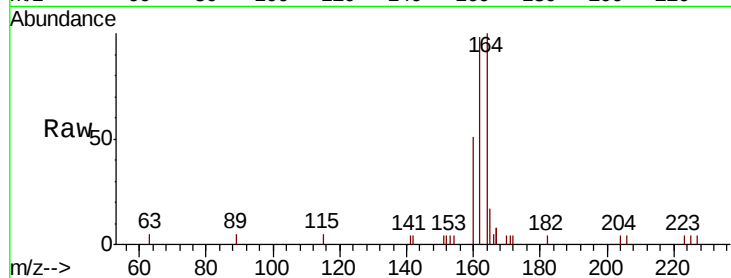




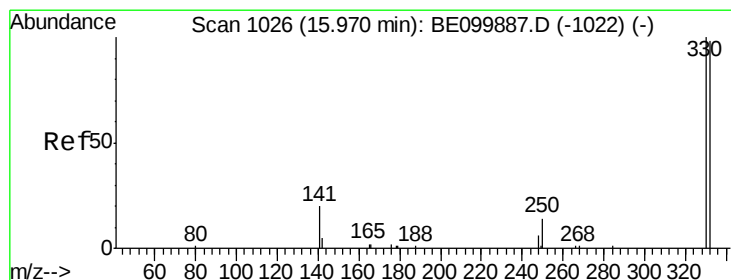
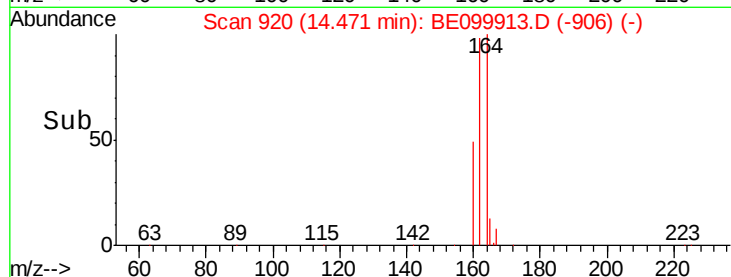
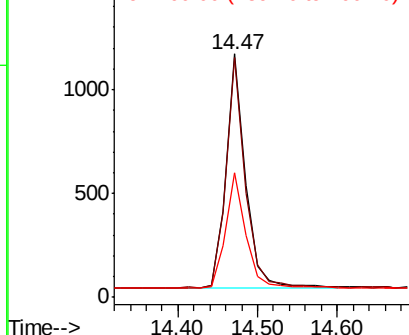
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099913.D
Acq: 11 Jun 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 1899
Ion Ratio Lower Upper
164 100
162 98.3 77.8 116.8
160 51.2 38.2 57.4

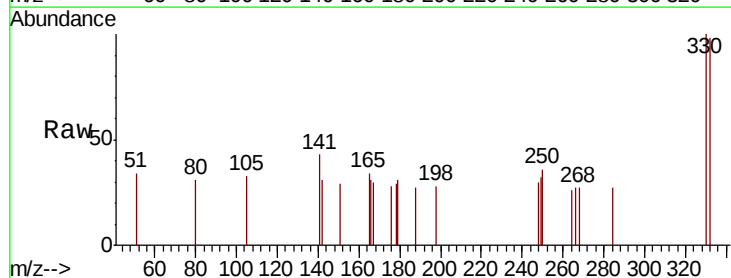


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

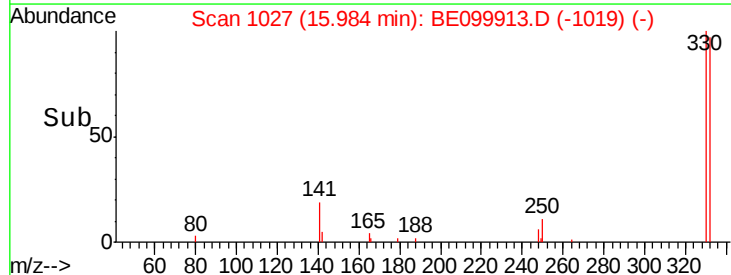
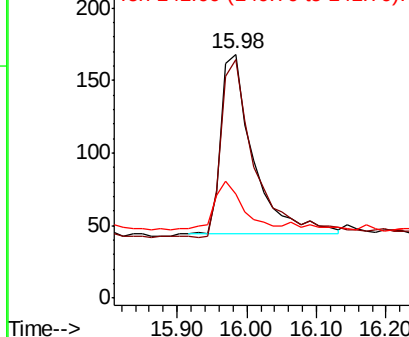


#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE099913.D
Acq: 11 Jun 2019 8:28

Tgt Ion:330 Resp: 401
Ion Ratio Lower Upper
330 100
332 107.0 76.7 115.1
141 21.9 21.0 31.6



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

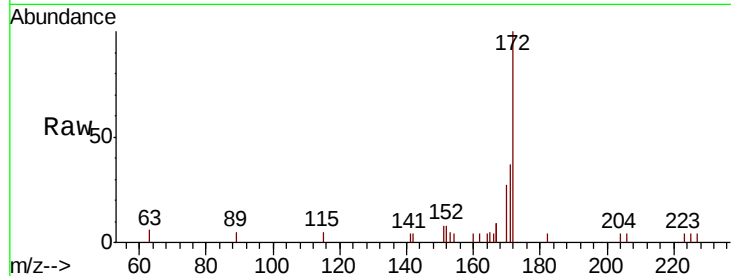




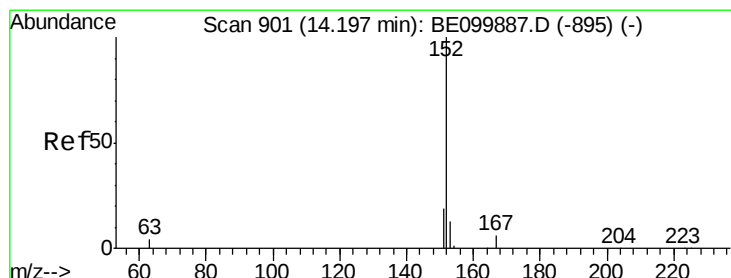
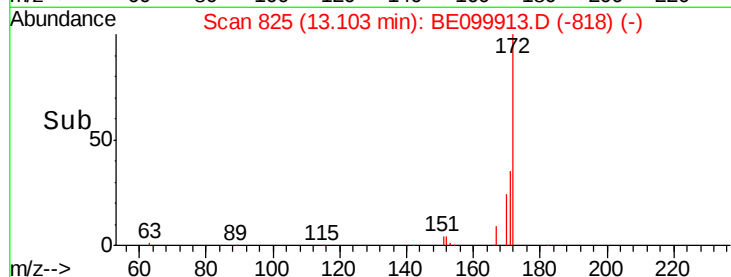
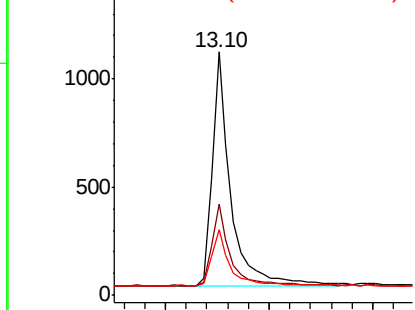
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099913.D
Acq: 11 Jun 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2680
Ion Ratio Lower Upper
172 100
171 37.4 29.2 43.8
170 26.9 21.2 31.8

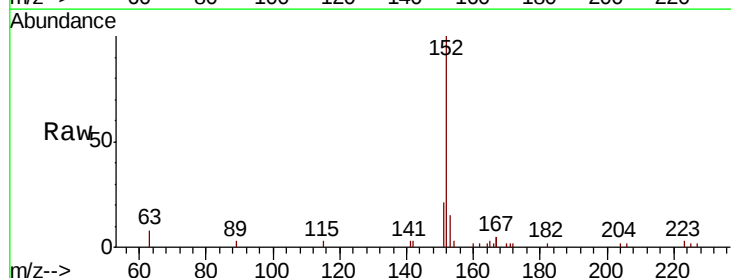


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

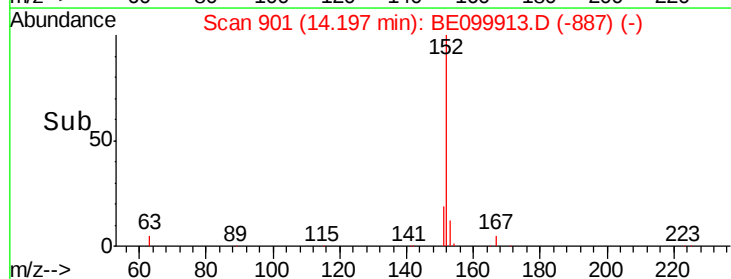
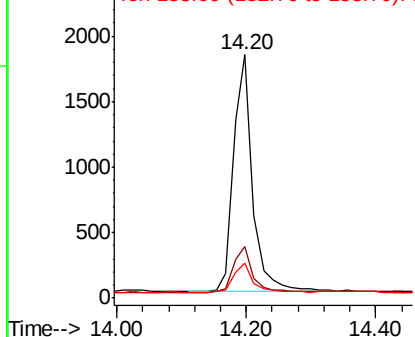


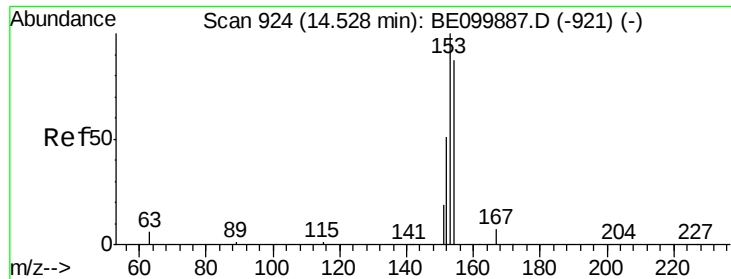
#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099913.D
Acq: 11 Jun 2019 8:28

Tgt Ion:152 Resp: 3691
Ion Ratio Lower Upper
152 100
151 19.1 15.5 23.3
153 12.3 10.2 15.2



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

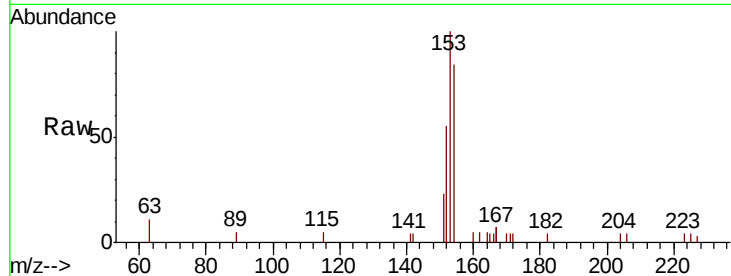




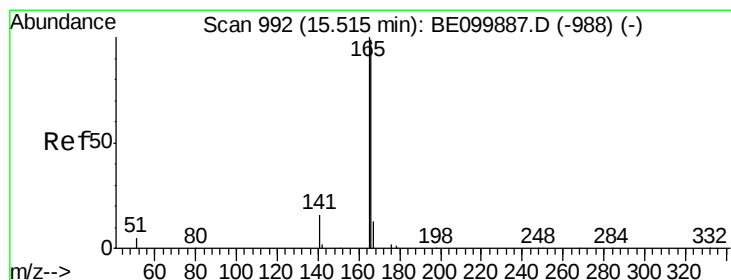
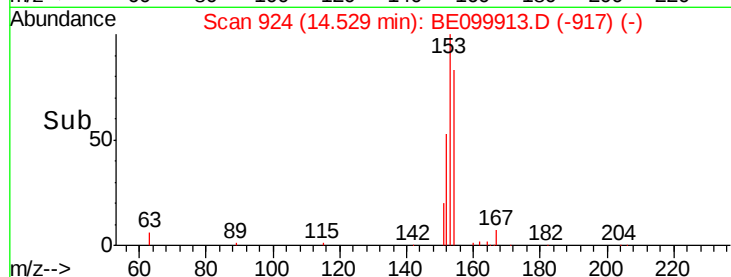
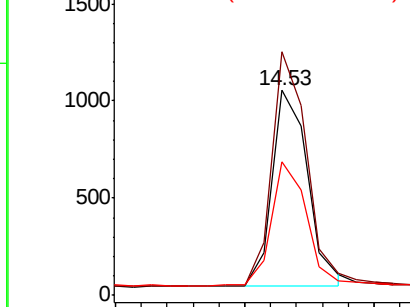
#17
Acenaphthene
Concen: 0.374 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099913.D
Acq: 11 Jun 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 1922
Ion Ratio Lower Upper
154 100
153 118.5 93.1 139.7
152 62.9 47.0 70.4

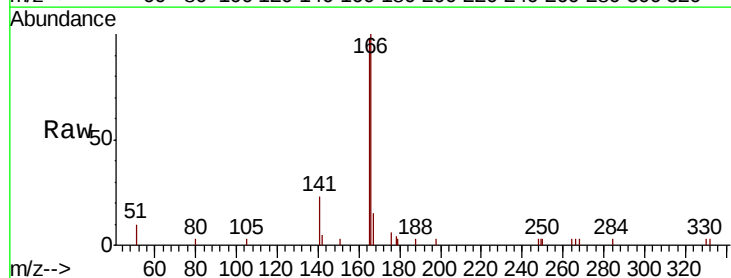


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

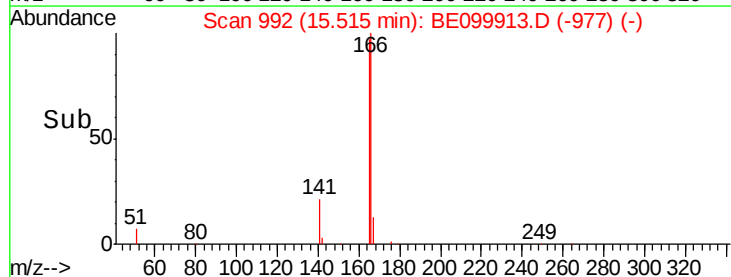
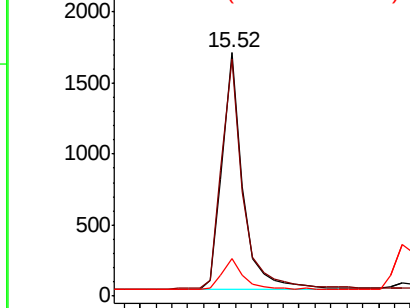


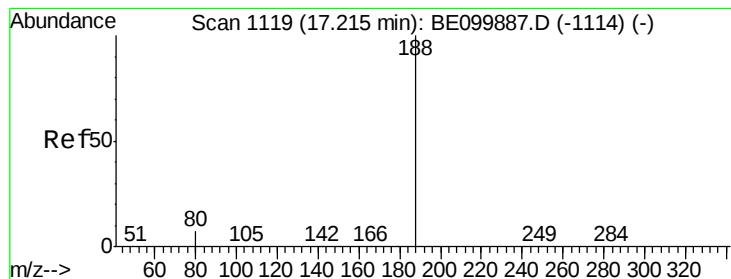
#18
Fluorene
Concen: 0.388 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099913.D
Acq: 11 Jun 2019 8:28

Tgt Ion:166 Resp: 2994
Ion Ratio Lower Upper
166 100
165 102.2 81.8 122.8
167 14.1 11.2 16.8



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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

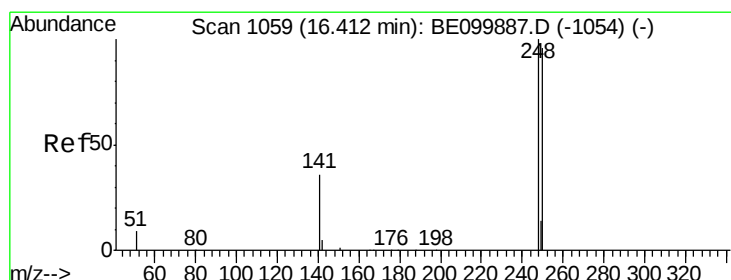
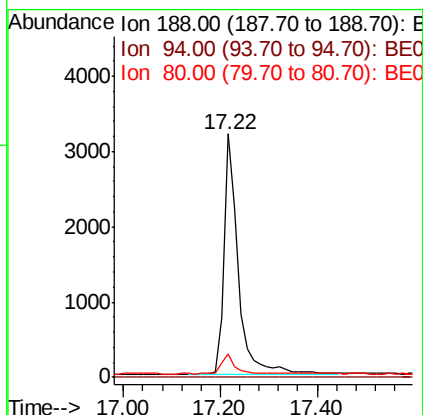
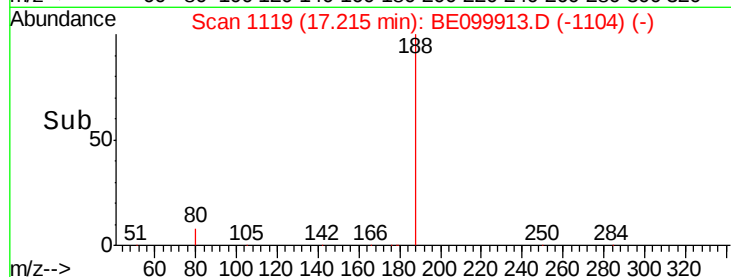
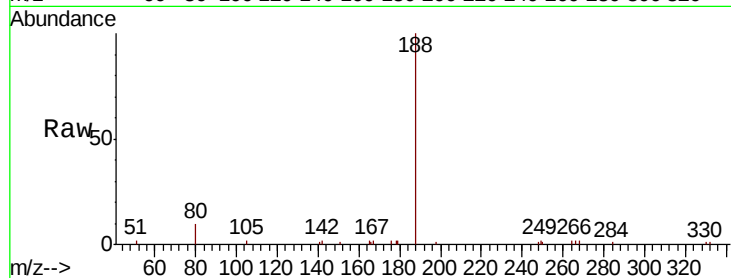
Tgt Ion:188 Resp: 6545

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.8 6.4 9.6#



#20

4-Bromophenyl-phenylether

Concen: 0.377 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

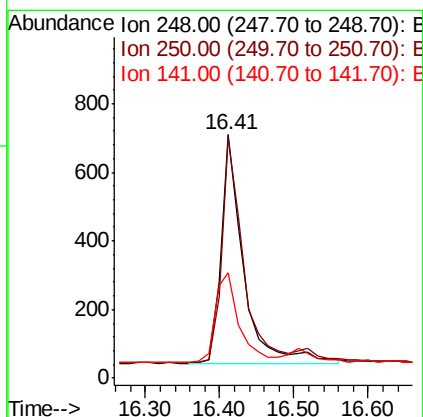
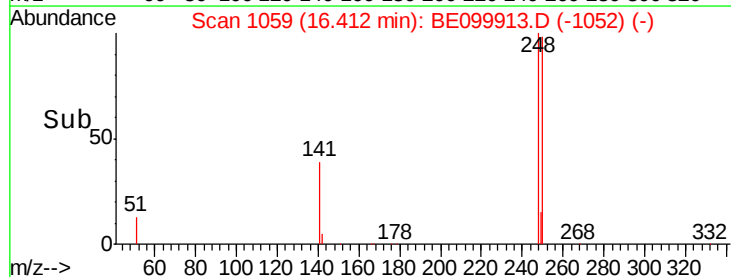
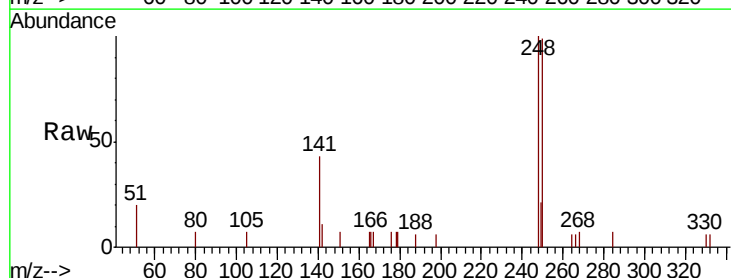
Tgt Ion:248 Resp: 1397

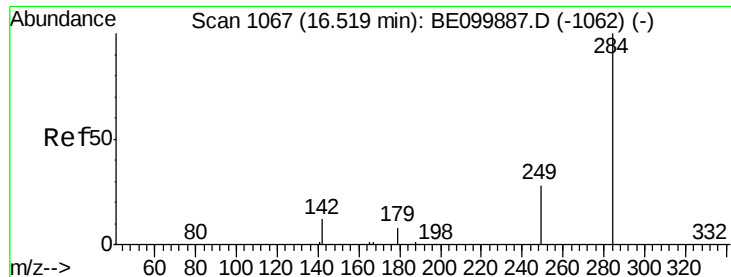
Ion Ratio Lower Upper

248 100

250 98.7 77.5 116.3

141 43.1 31.8 47.8





#21

Hexachlorobenzene

Concen: 0.383 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

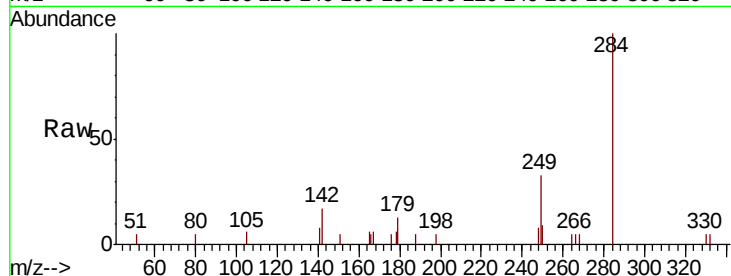
Tgt Ion:284 Resp: 1451

Ion Ratio Lower Upper

284 100

142 22.7 18.2 27.4

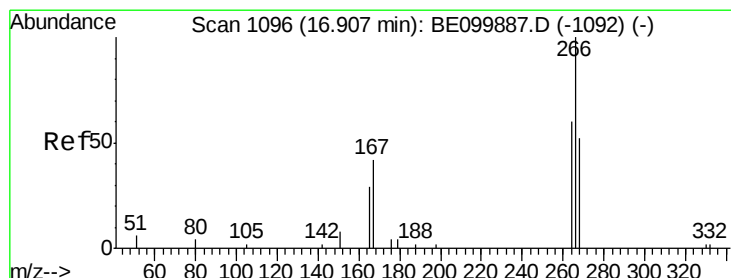
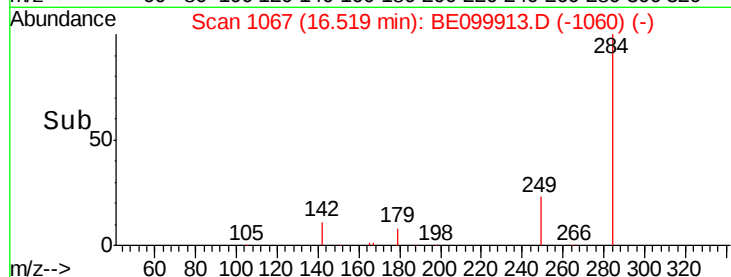
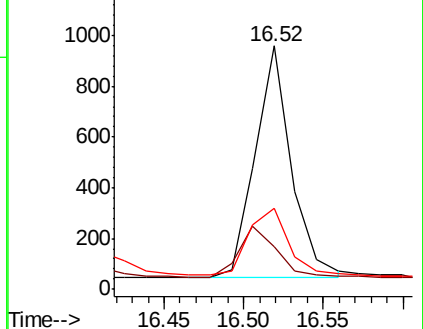
249 31.2 24.6 37.0



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: 0.423 ng

RT: 16.95 min Scan# 1099

Delta R.T. 0.04 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

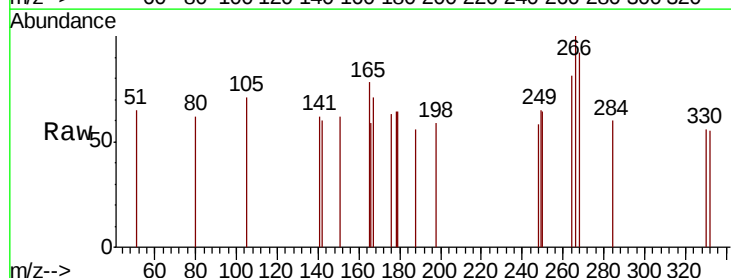
Tgt Ion:266 Resp: 225

Ion Ratio Lower Upper

266 100

264 80.8 62.2 93.2

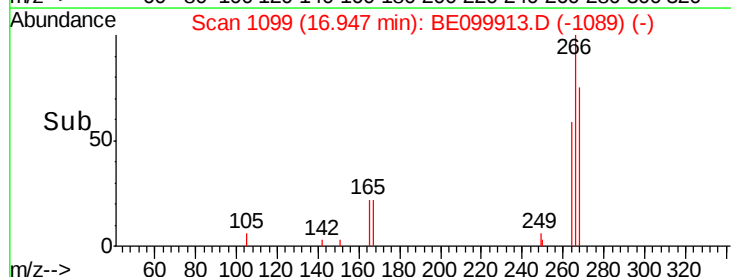
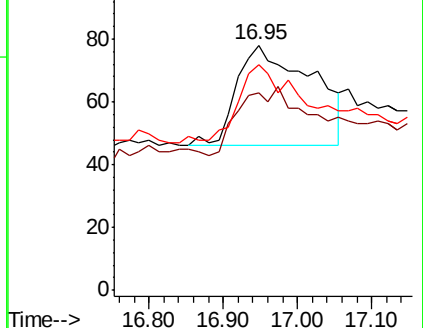
268 92.3 65.5 98.3

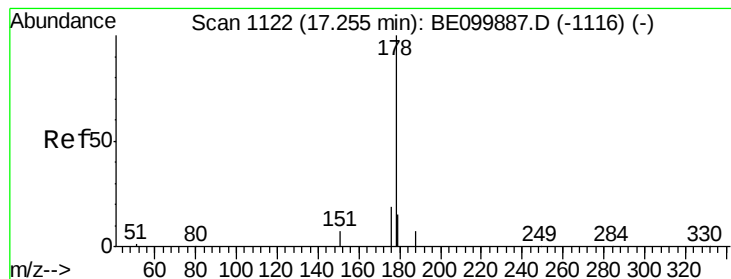


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.383 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

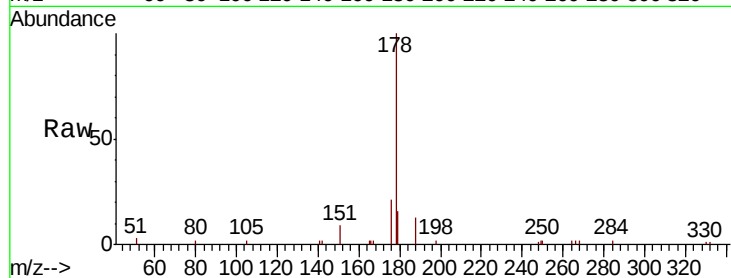
Tgt Ion:178 Resp: 6079

Ion Ratio Lower Upper

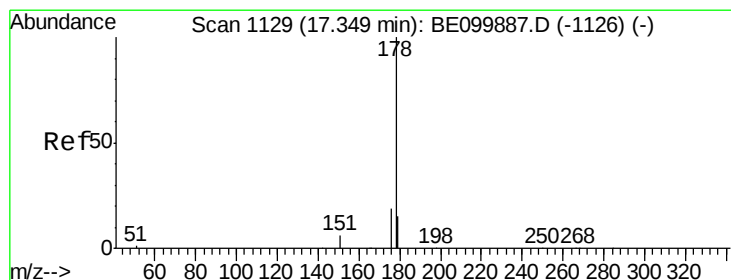
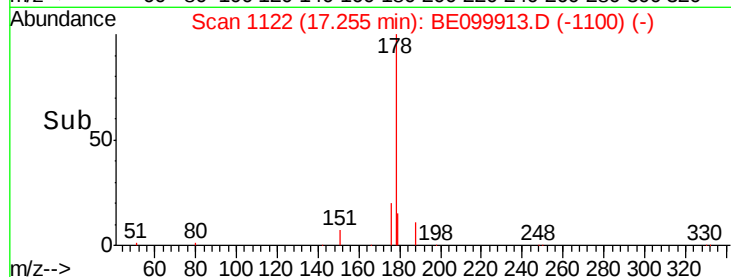
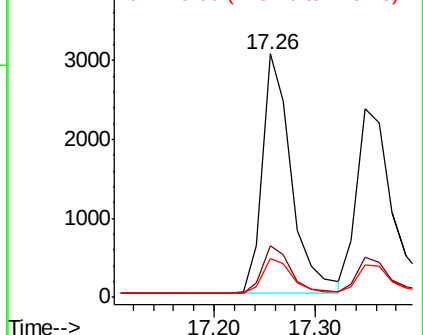
178 100

176 19.9 15.8 23.8

179 14.7 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



#24

Anthracene

Concen: 0.349 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

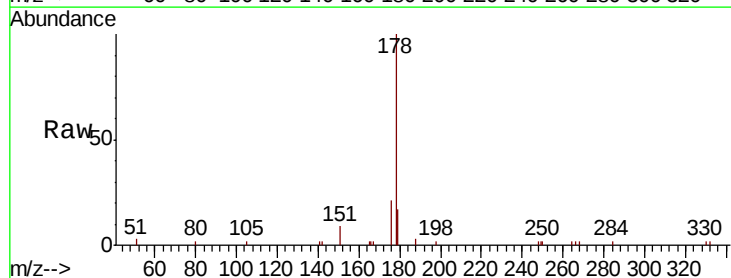
Tgt Ion:178 Resp: 5087

Ion Ratio Lower Upper

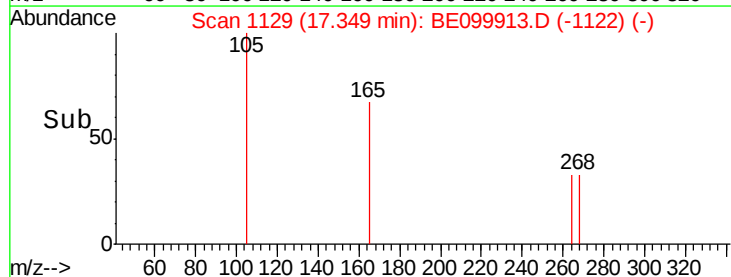
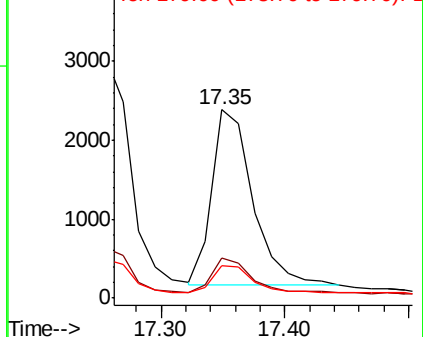
178 100

176 18.1 14.6 22.0

179 15.1 12.3 18.5



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

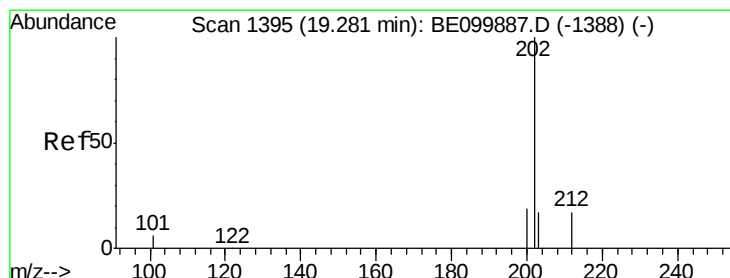
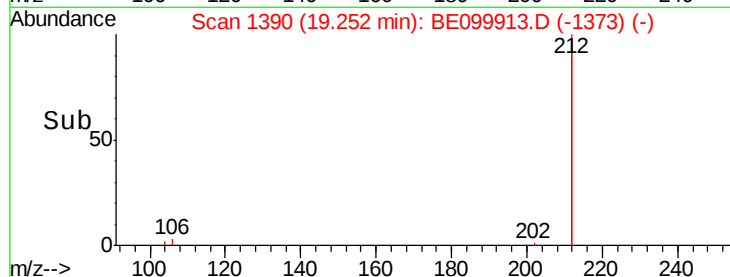
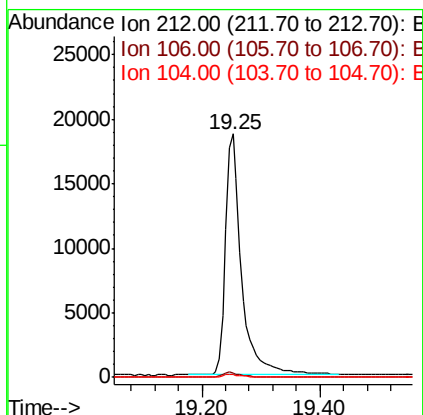
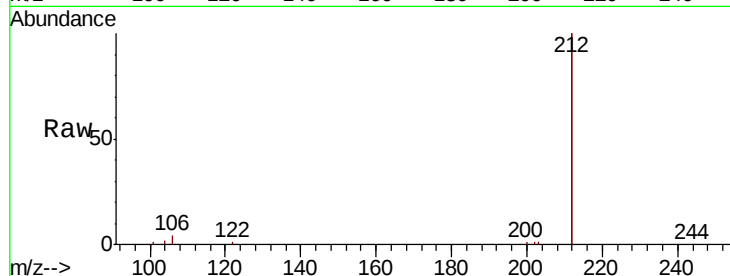




#25
 Fluoranthene-d10
 Concen: 0.371 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BE099913.D
 Acq: 11 Jun 2019 8:28

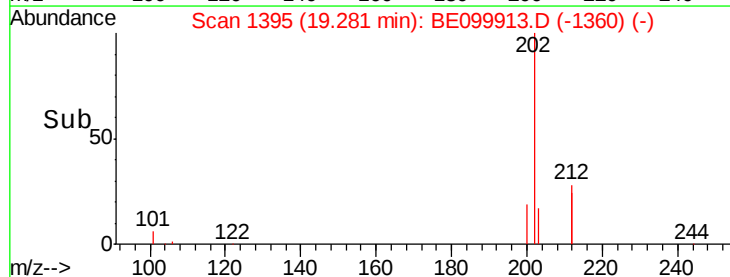
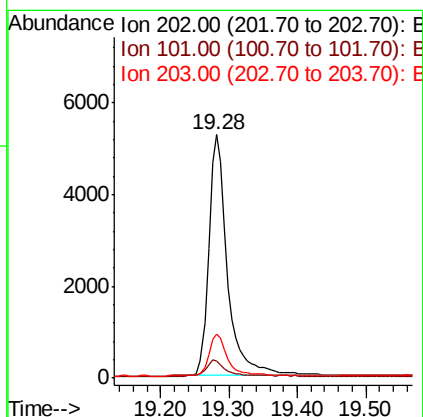
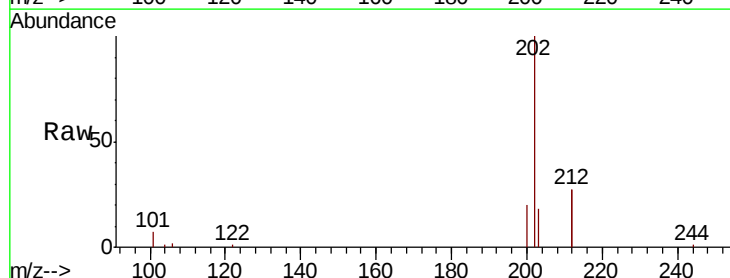
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 212 Resp: 35348
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.0 0.9 1.3



#26
 Fluoranthene
 Concen: 0.375 ng
 RT: 19.28 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BE099913.D
 Acq: 11 Jun 2019 8:28

Tgt Ion: 202 Resp: 10112
 Ion Ratio Lower Upper
 202 100
 101 6.9 5.4 8.0
 203 16.7 13.2 19.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

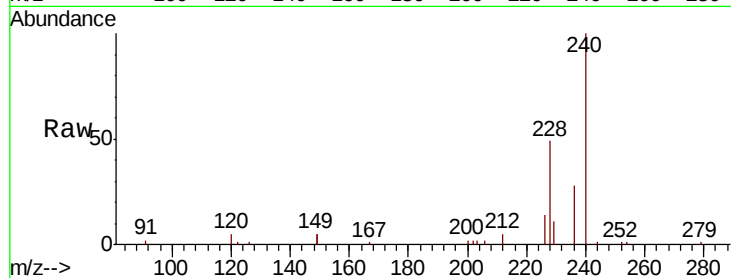
Tgt Ion:240 Resp: 8970

Ion Ratio Lower Upper

240 100

120 5.3 3.8 5.6

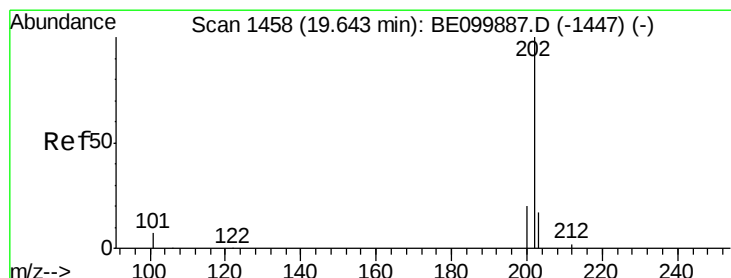
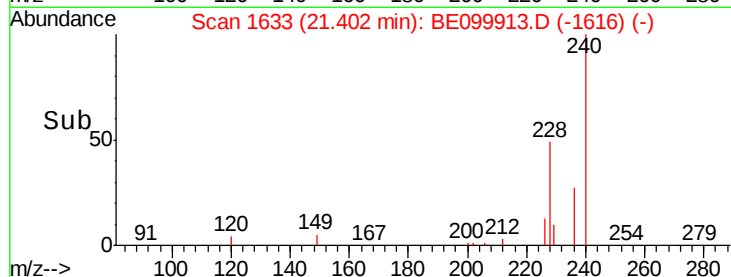
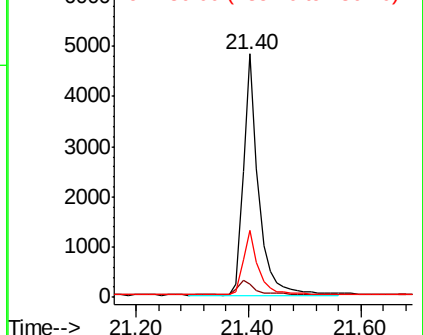
236 27.7 22.0 33.0



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: 0.443 ng

RT: 19.64 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

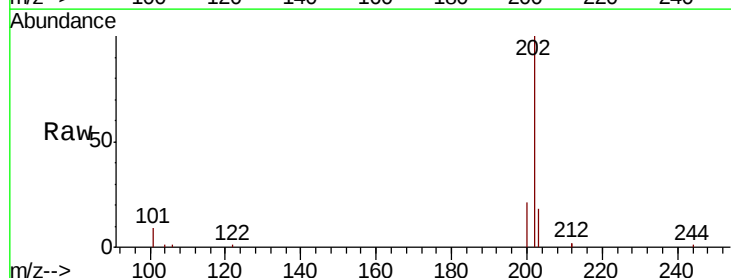
Tgt Ion:202 Resp: 10431

Ion Ratio Lower Upper

202 100

200 19.3 15.5 23.3

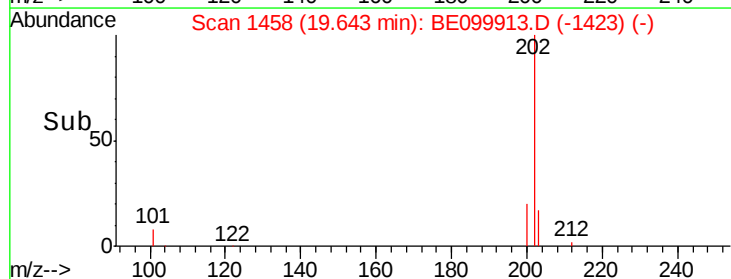
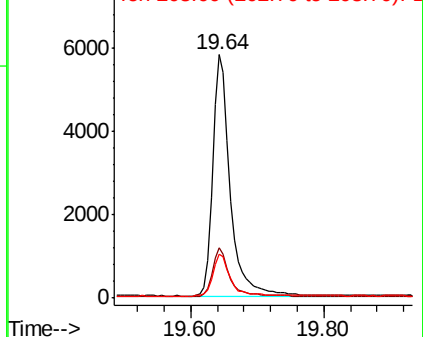
203 17.4 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.418 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

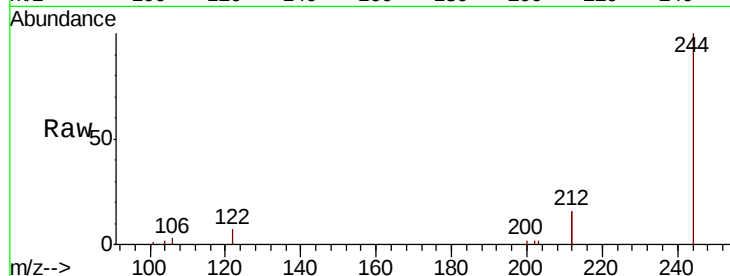
Tgt Ion:244 Resp: 6749

Ion Ratio Lower Upper

244 100

212 31.3 25.7 38.5

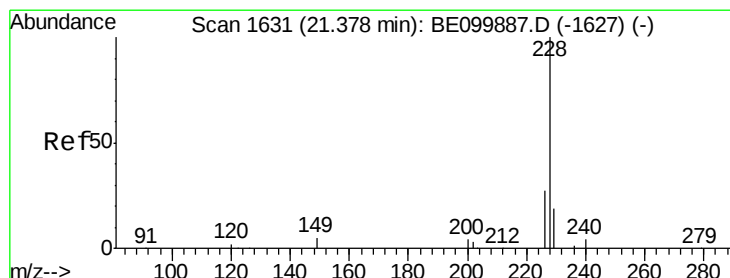
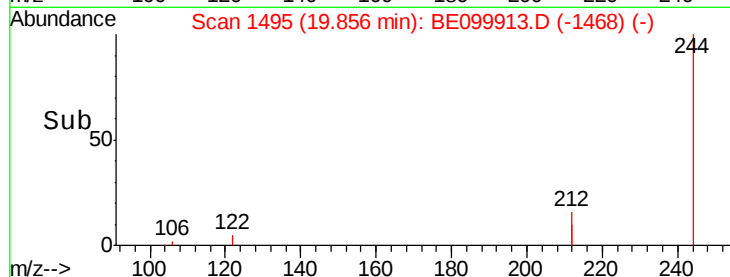
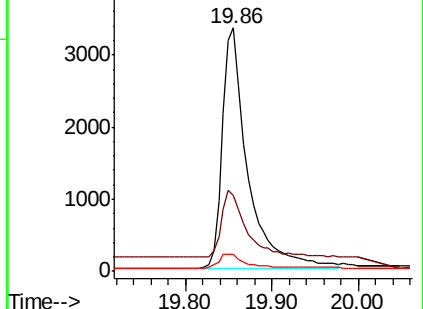
122 6.8 5.5 8.3



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: 0.409 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

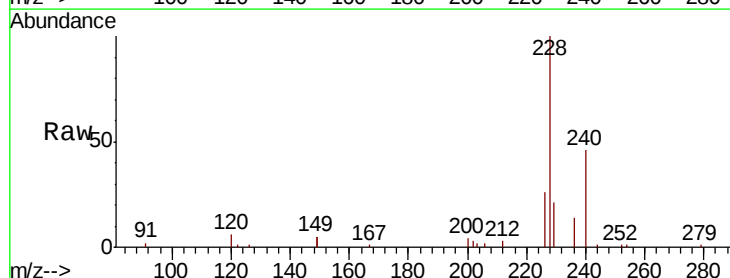
Tgt Ion:228 Resp: 10977

Ion Ratio Lower Upper

228 100

226 26.1 22.5 33.7

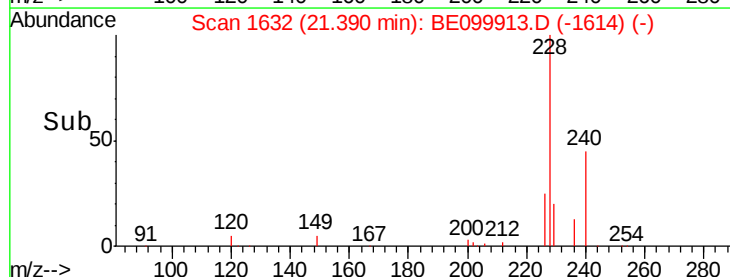
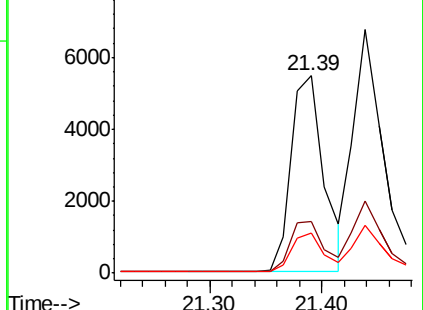
229 20.6 15.9 23.9



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: 0.437 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

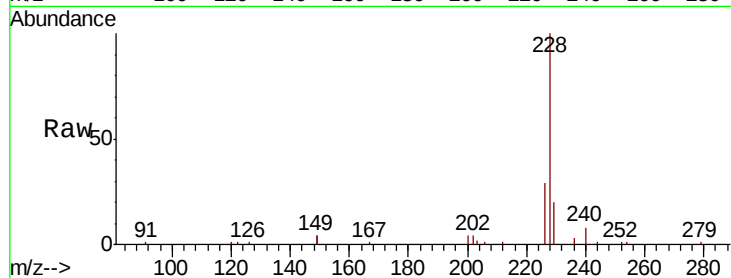
Tgt Ion:228 Resp: 12107

Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

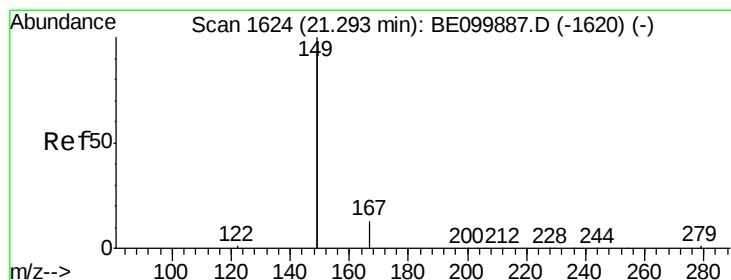
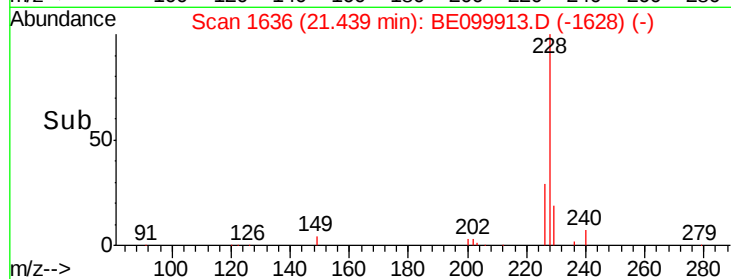
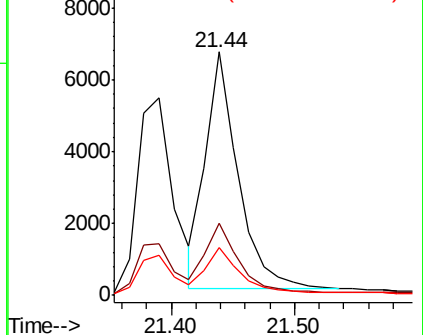
229 19.6 16.1 24.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.344 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

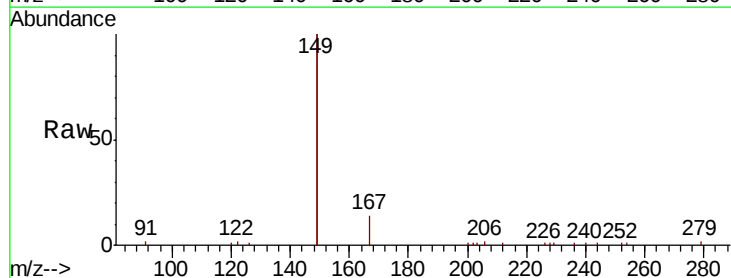
Tgt Ion:149 Resp: 13238

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

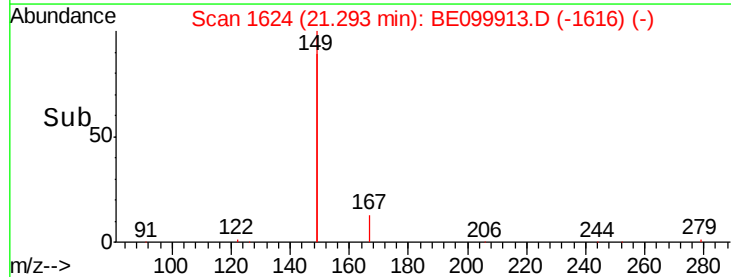
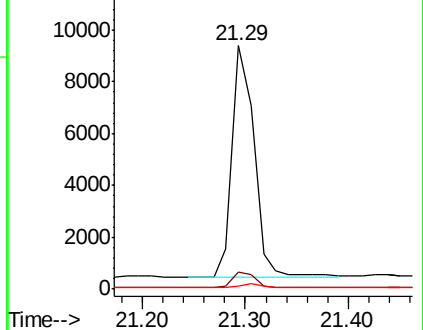
279 1.5 1.2 1.8

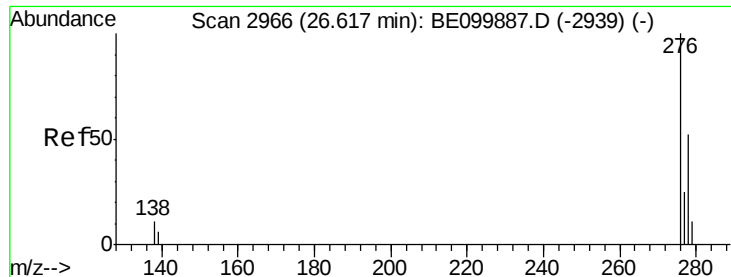


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

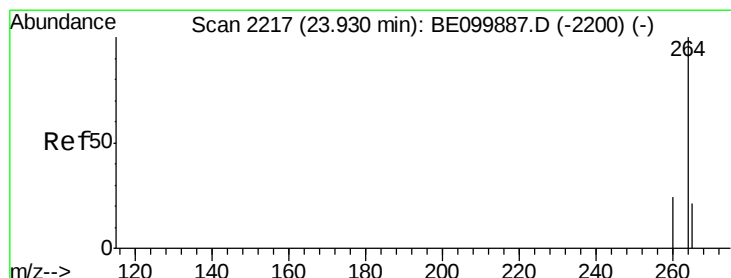
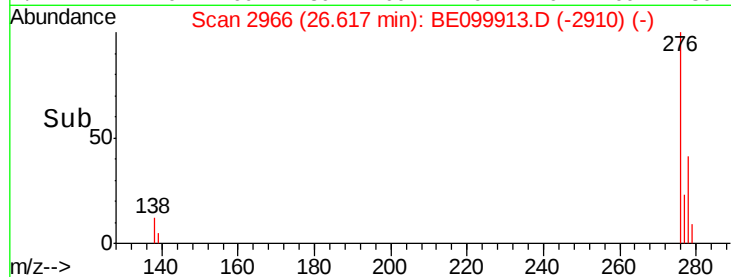
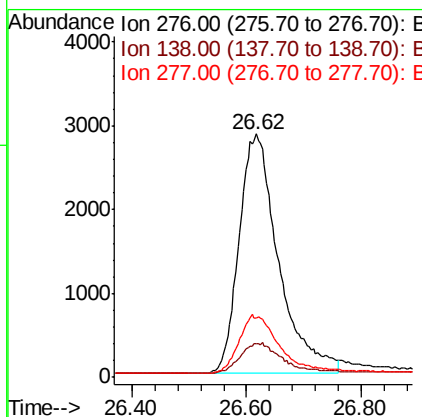
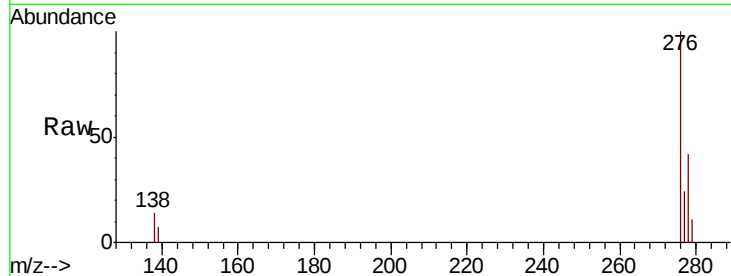




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.416 ng
 RT: 26.62 min Scan# 2966
 Delta R.T. 0.00 min
 Lab File: BE099913.D
 Acq: 11 Jun 2019 8:28

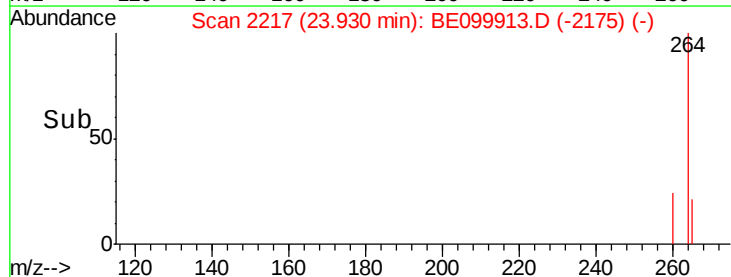
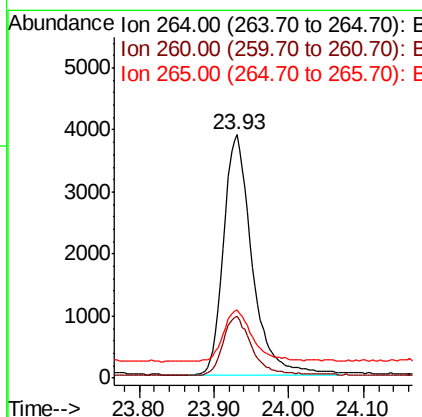
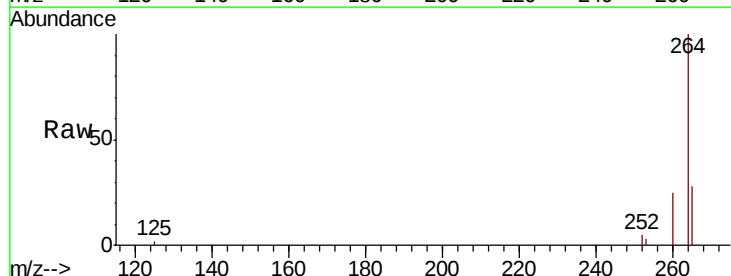
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 276 Resp: 13683
 Ion Ratio Lower Upper
 276 100
 138 12.9 10.1 15.1
 277 10.6 19.1 28.7#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BE099913.D
 Acq: 11 Jun 2019 8:28

Tgt Ion: 264 Resp: 10244
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.2 30.2
 265 27.9 22.0 33.0





#35

Benzo(b)fluoranthene

Concen: 0.394 ng

RT: 23.15 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

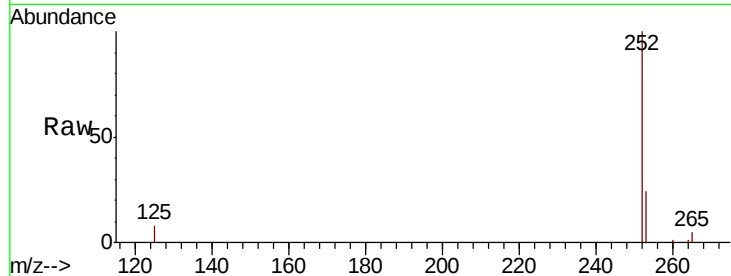
Tgt Ion:252 Resp: 11298

Ion Ratio Lower Upper

252 100

253 23.9 18.7 28.1

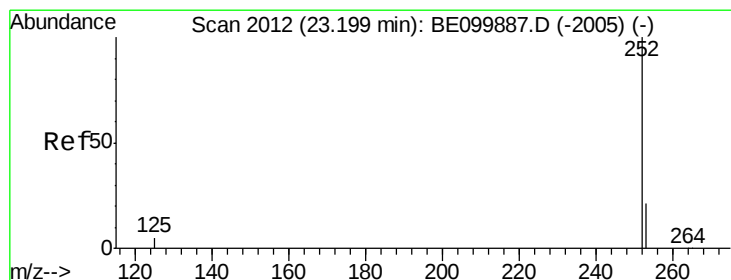
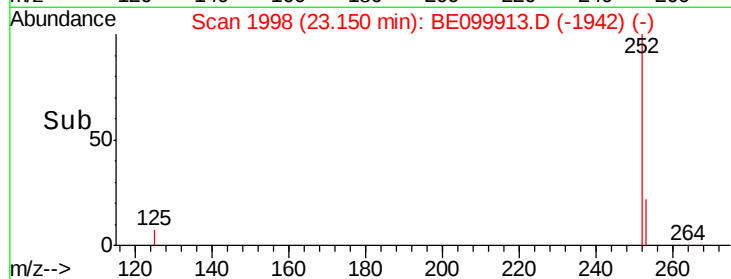
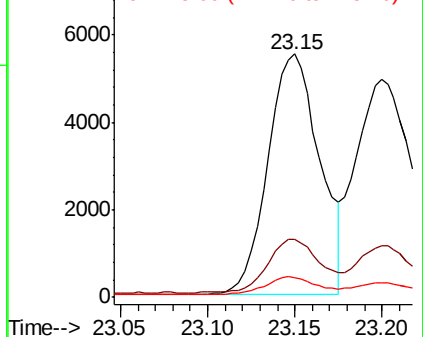
125 8.2 5.7 8.5



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: 0.410 ng

RT: 23.20 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

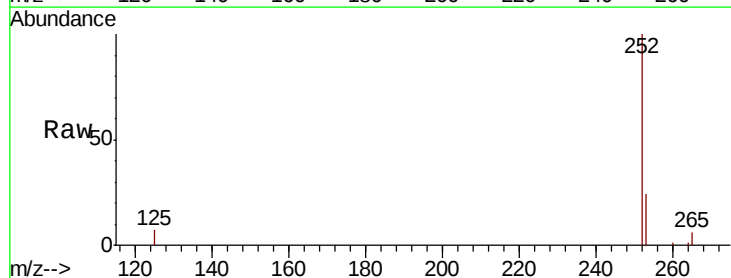
Tgt Ion:252 Resp: 12298

Ion Ratio Lower Upper

252 100

253 23.7 18.6 28.0

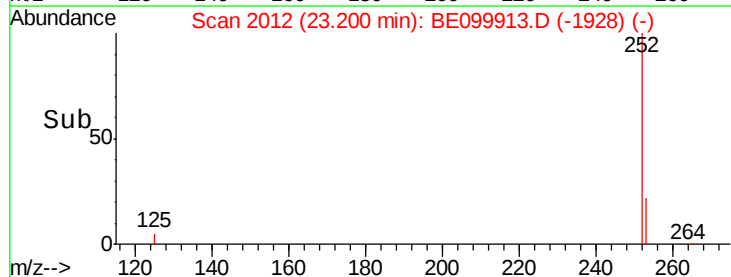
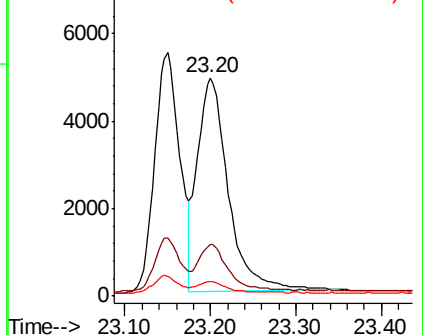
125 6.7 5.4 8.0



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





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.82 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

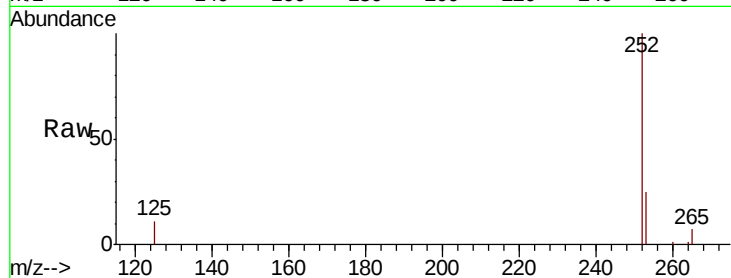
Tgt Ion:252 Resp: 11244

Ion Ratio Lower Upper

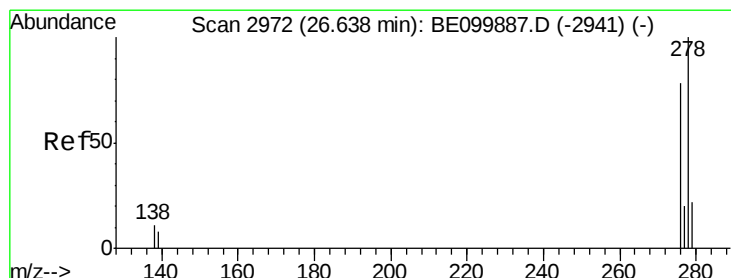
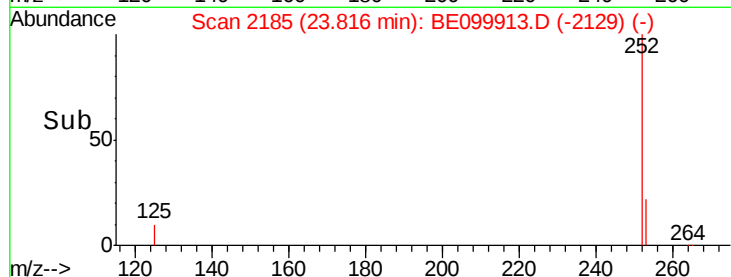
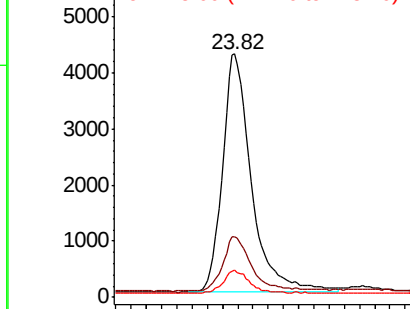
252 100

253 24.7 19.6 29.4

125 11.3 6.6 10.0#



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: 0.377 ng

RT: 26.64 min Scan# 2973

Delta R.T. 0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

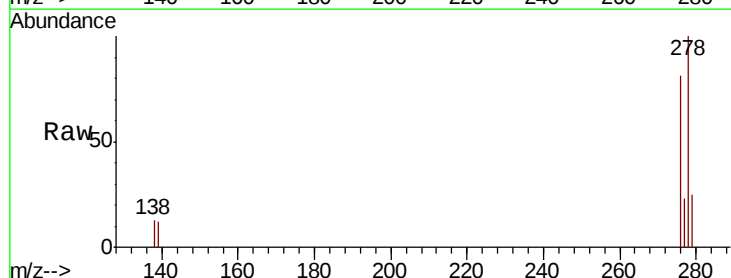
Tgt Ion:278 Resp: 10742

Ion Ratio Lower Upper

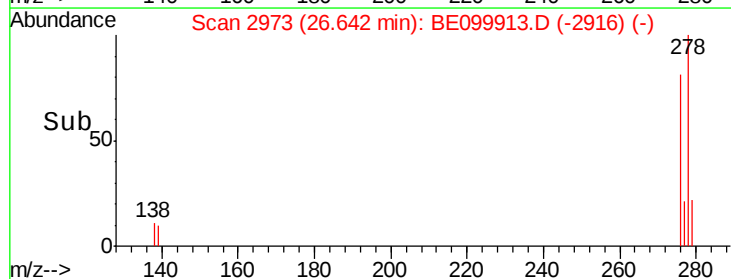
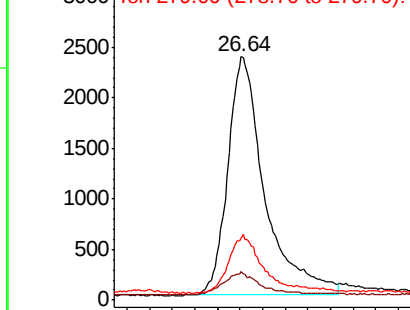
278 100

139 12.0 7.8 11.8#

279 25.5 20.0 30.0



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(g,h,i)perylene

Concen: 0.402 ng

RT: 27.44 min Scan# 3196

Delta R.T. 0.00 min

Lab File: BE099913.D

Acq: 11 Jun 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

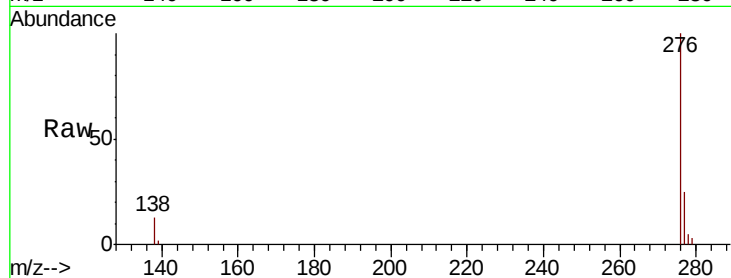
Tgt Ion: 276 Resp: 11838

Ion Ratio Lower Upper

276 100

277 24.7 19.5 29.3

138 12.6 9.5 14.3



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

