

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099882.D
 Acq On : 8 Jun 2019 12:08
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Jun 08 16:54:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 15:25:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	911	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3225	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	2243	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6986	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	10618	0.40	ng	-0.01
34) Perylene-d12	23.93	264	12513	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1026	0.34	ng	0.00
5) Phenol-d6	6.95	99	1299	0.35	ng	0.00
8) Nitrobenzene-d5	8.96	82	1265	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2233	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	614	0.28	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	3391	0.42	ng	0.00
25) Fluoranthene-d10	19.25	212	39498	0.36	ng	0.00
29) Terphenyl-d14	19.85	244	8007	0.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	468	0.363	ng	94
3) n-Nitrosodimethylamine	3.60	42	312	0.359	ng	97
6) bis(2-Chloroethyl)ether	7.22	93	1019	0.369	ng	98
9) Naphthalene	10.65	128	13849	0.395	ng	100
10) Hexachlorobutadiene	10.93	225	1062	0.412	ng	98
12) 2-Methylnaphthalene	12.28	142	2190	0.368	ng	97
16) Acenaphthylene	14.20	152	4541	0.409	ng	99
17) Acenaphthene	14.53	154	2436	0.400	ng	98
18) Fluorene	15.52	166	3567	0.383	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1614	0.403	ng	# 84
21) Hexachlorobenzene	16.52	284	1687	0.432	ng	97
22) Pentachlorophenol	16.88	266	664	0.683	ng	# 85
23) Phenanthrene	17.26	178	6783	0.392	ng	99
24) Anthracene	17.35	178	6122	0.369	ng	100
26) Fluoranthene	19.28	202	11363	0.372	ng	100
28) Pyrene	19.64	202	11739	0.418	ng	100
30) Benzo(a)anthracene	21.38	228	13888	0.412	ng	98
31) Chrysene	21.44	228	14206	0.429	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	18185	0.331	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	17067	0.423	ng	99
35) Benzo(b)fluoranthene	23.15	252	13899	0.400	ng	# 98
36) Benzo(k)fluoranthene	23.20	252	14288	0.411	ng	98
37) Benzo(a)pyrene	23.82	252	13578	0.403	ng	# 95
38) Dibenzo(a,h)anthracene	26.64	278	13794	0.400	ng	97
39) Benzo(g,h,i)perylene	27.44	276	14215	0.406	ng	98

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

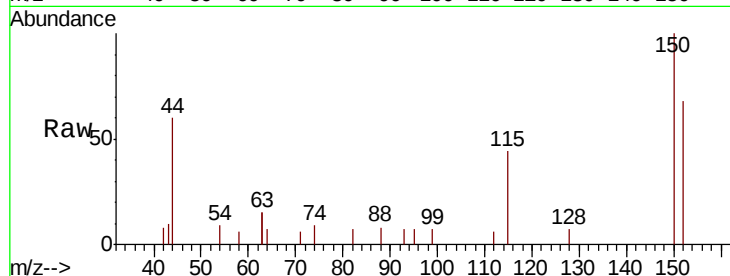


#1

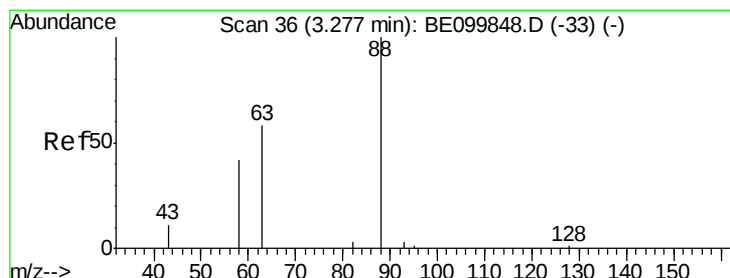
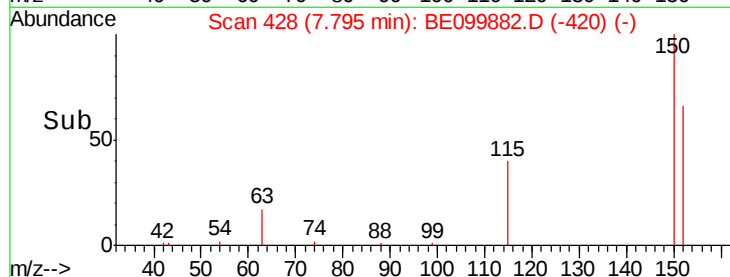
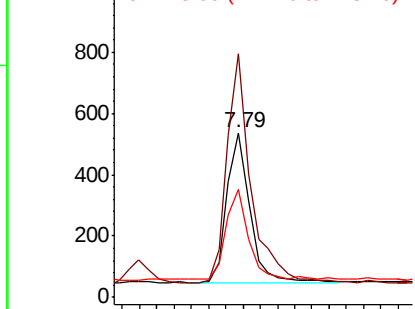
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099882.D
Acq: 8 Jun 2019 12:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 911
Ion Ratio Lower Upper
152 100
150 148.0 112.8 169.2
115 65.7 47.6 71.4



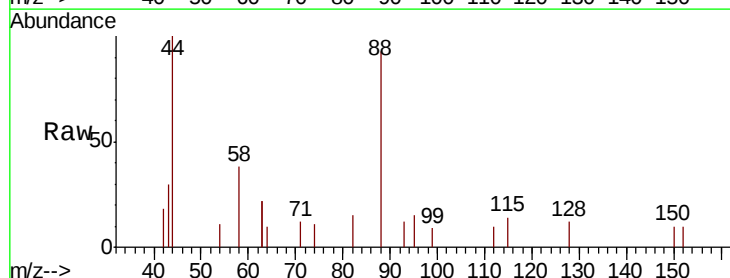
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



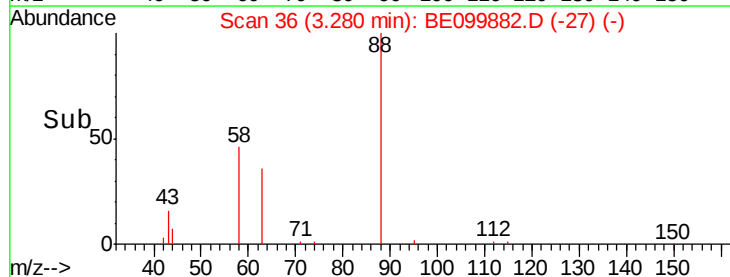
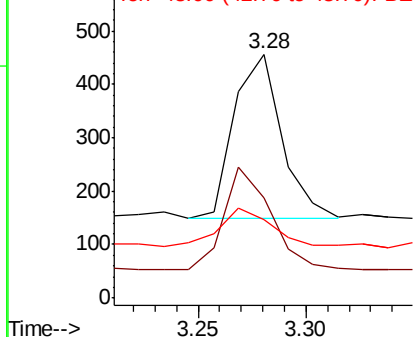
#2

1,4-Dioxane
Concen: 0.363 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099882.D
Acq: 8 Jun 2019 12:08

Tgt Ion: 88 Resp: 468
Ion Ratio Lower Upper
88 100
58 63.0 47.3 70.9
43 25.9 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: 0.359 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

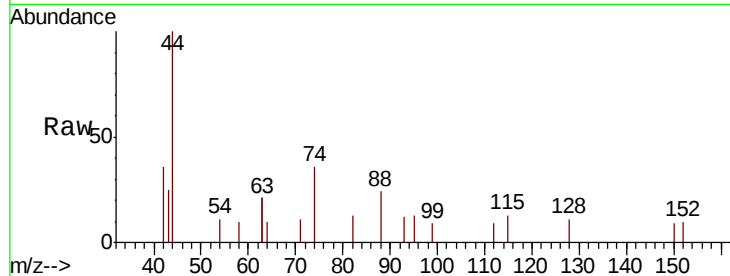
Tot Ion: 42 Resp: 312

Ion Ratio Lower Upper

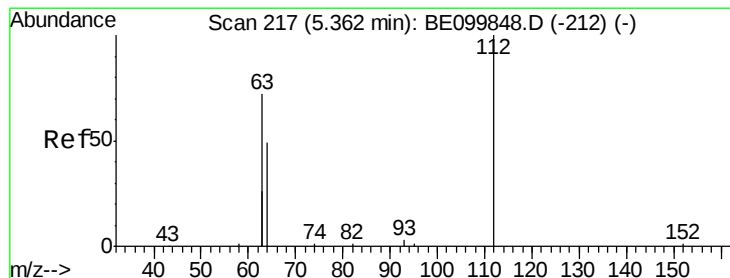
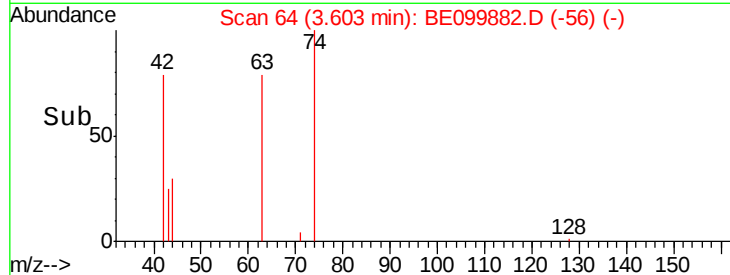
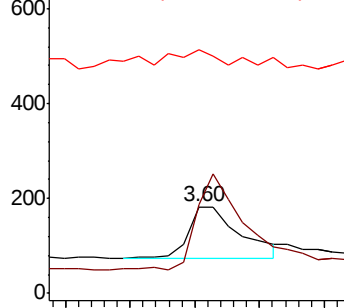
42 100

74 162.5 132.6 198.8

44 19.9 13.4 20.0



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: 0.336 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

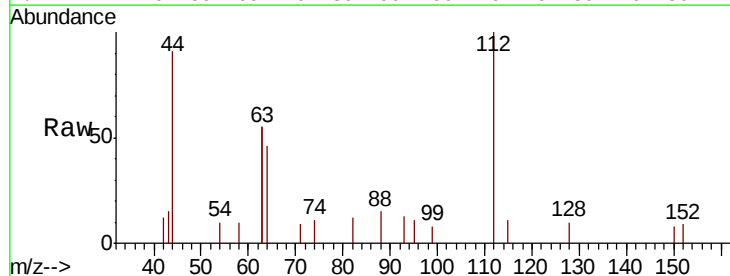
Tgt Ion: 112 Resp: 1026

Ion Ratio Lower Upper

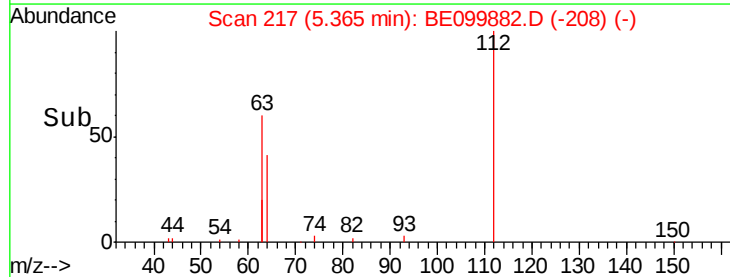
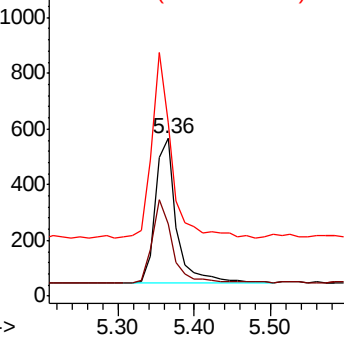
112 100

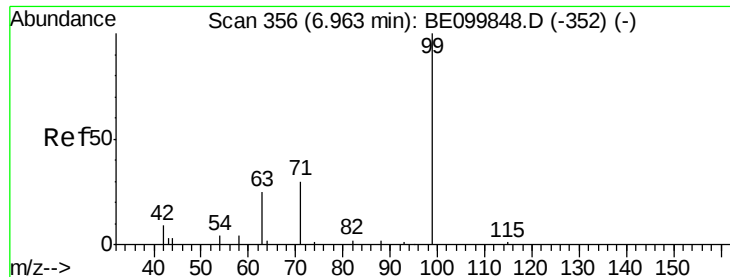
64 54.4 47.2 70.8

63 117.0 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: 0.346 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.01 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

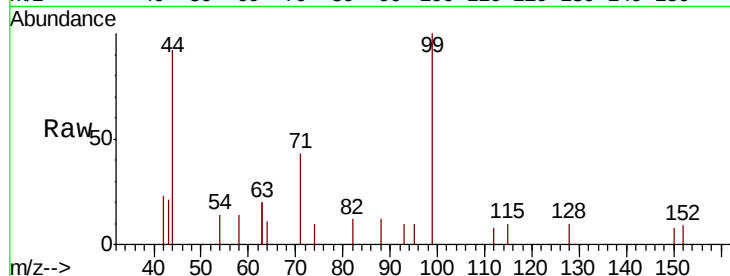
Tot Ion: 99 Resp: 1299

Ion Ratio Lower Upper

99 100

42 13.3 11.0 16.4

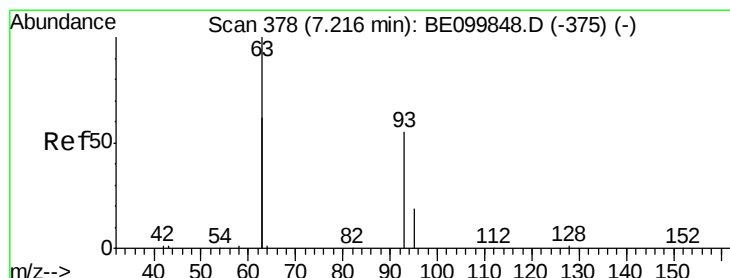
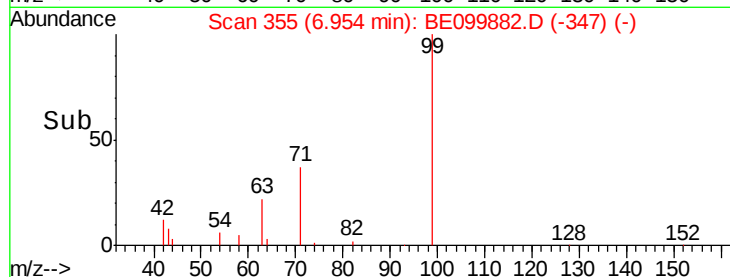
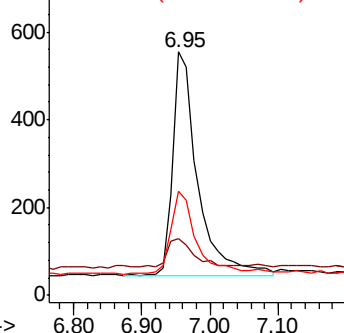
71 38.1 26.1 39.1



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: 0.369 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.01 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

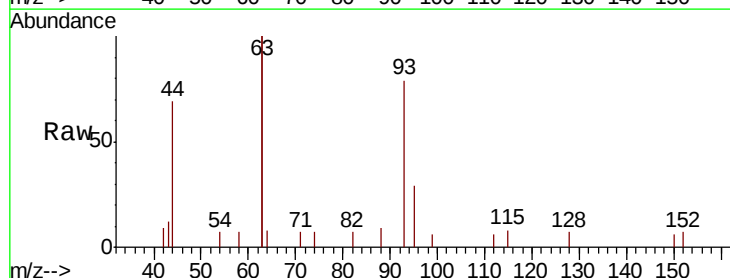
Tgt Ion: 93 Resp: 1019

Ion Ratio Lower Upper

93 100

63 258.1 208.8 313.2

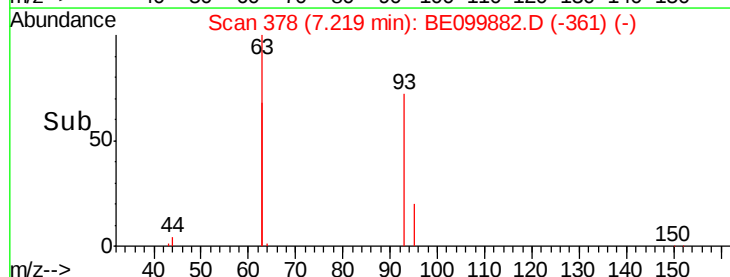
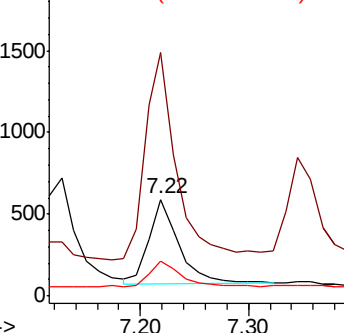
95 33.3 27.6 41.4

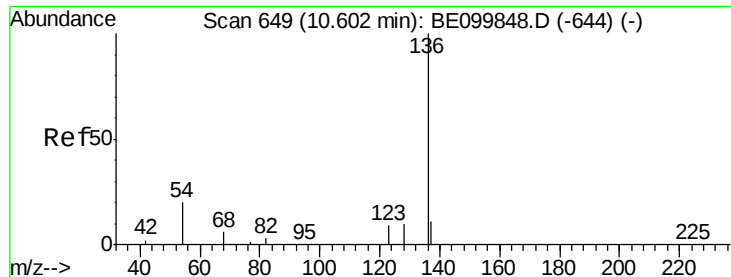


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099882.D

Acq: 8 Jun 2019 12:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 3225

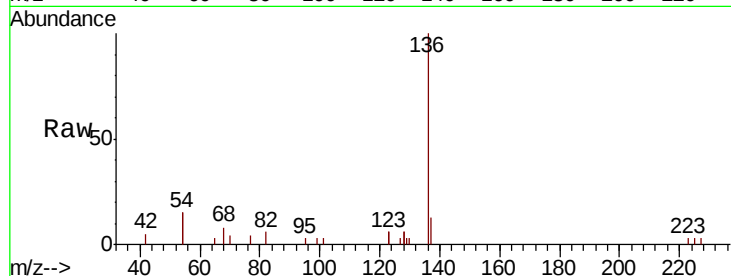
Ion Ratio Lower Upper

136 100

137 13.4 11.1 16.7

54 29.6 17.9 26.9#

68 7.8 5.4 8.0

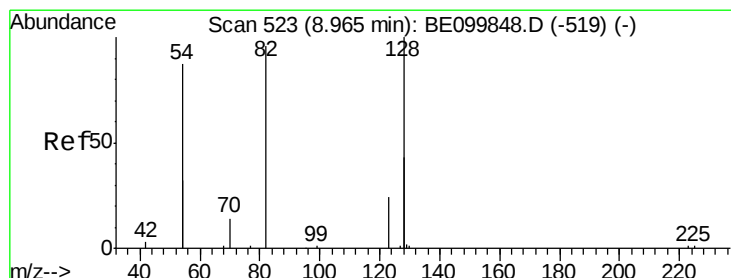
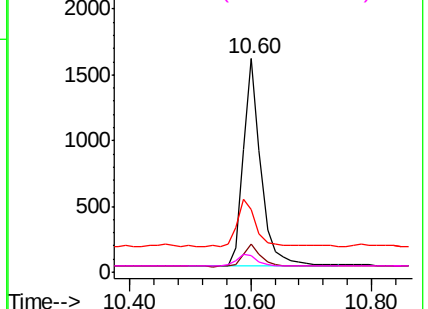
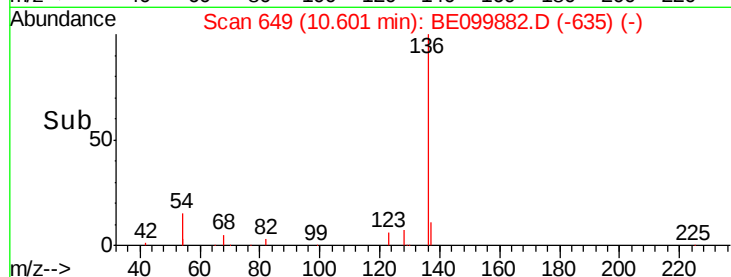


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.389 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

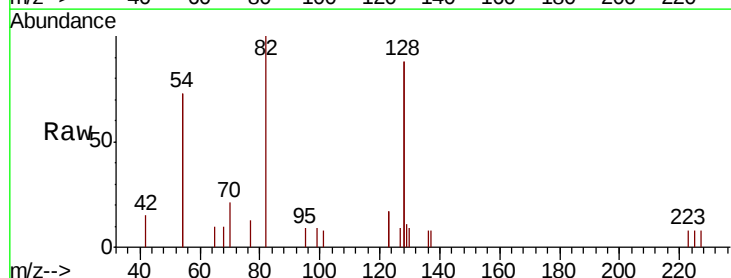
Tgt Ion: 82 Resp: 1265

Ion Ratio Lower Upper

82 100

128 175.2 116.6 175.0#

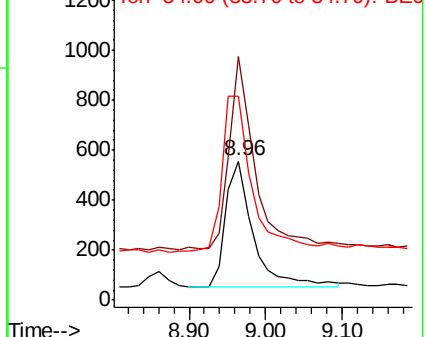
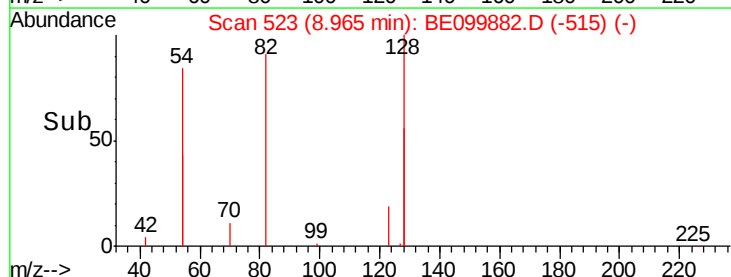
54 146.4 136.2 204.4

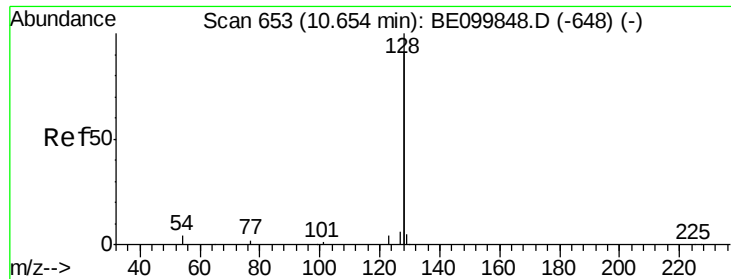


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.395 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

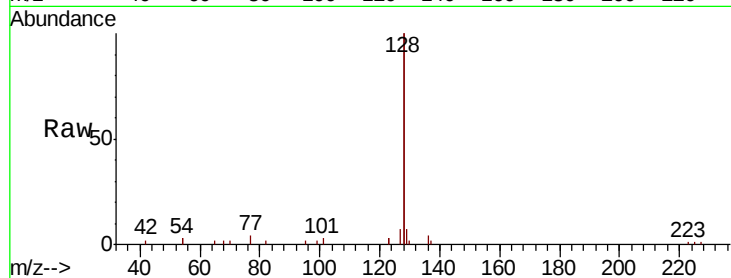
Tot Ion:128 Resp: 13849

Ion Ratio Lower Upper

128 100

129 3.3 2.6 4.0

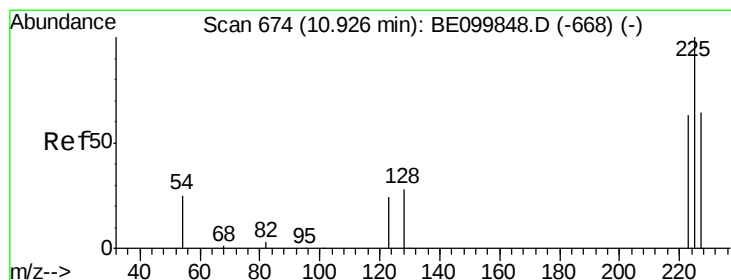
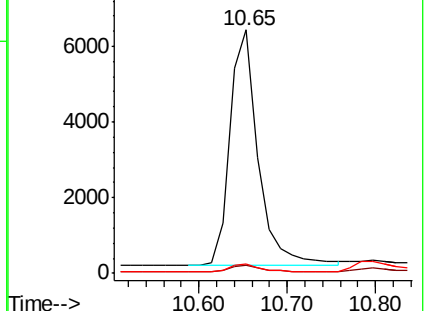
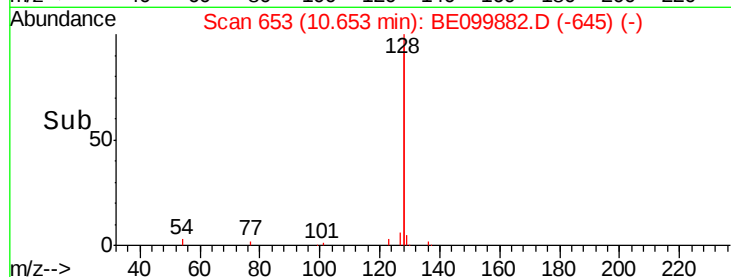
127 3.7 3.0 4.6



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: 0.412 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

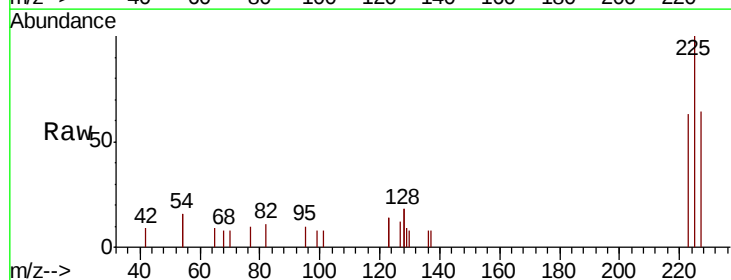
Tgt Ion:225 Resp: 1062

Ion Ratio Lower Upper

225 100

223 61.6 48.6 72.8

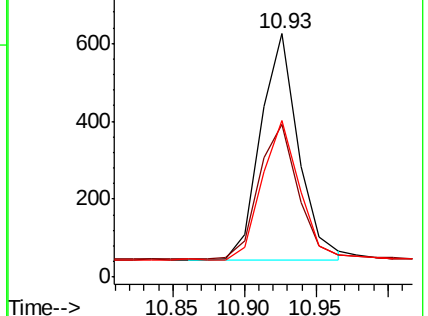
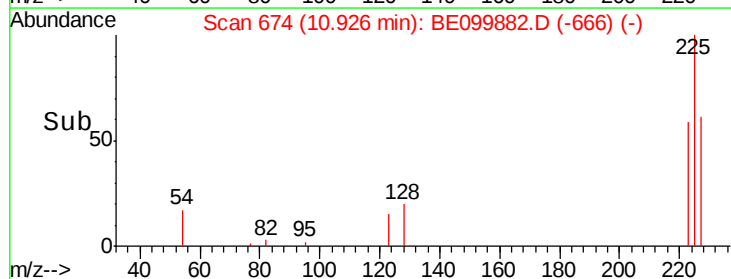
227 61.8 51.6 77.4

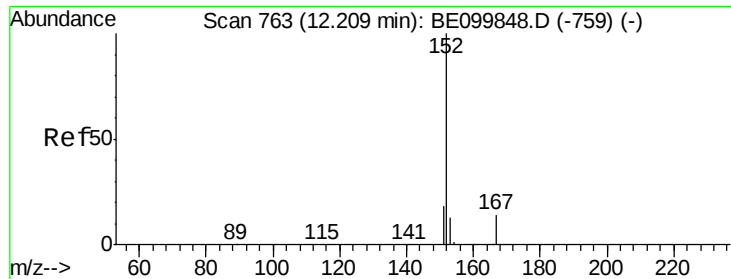


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

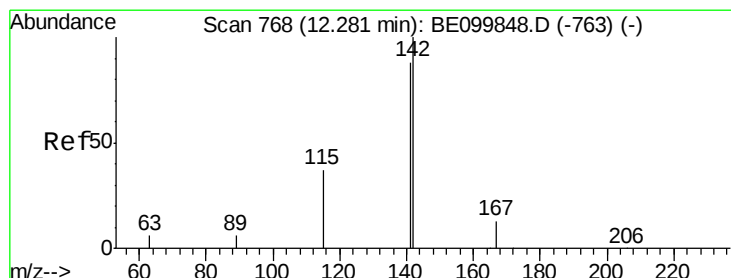
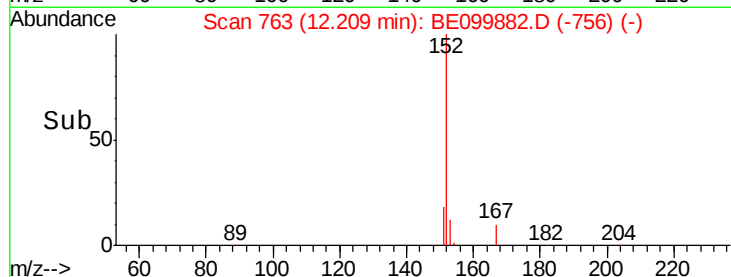
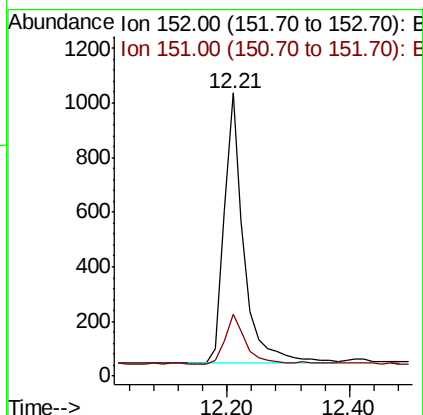
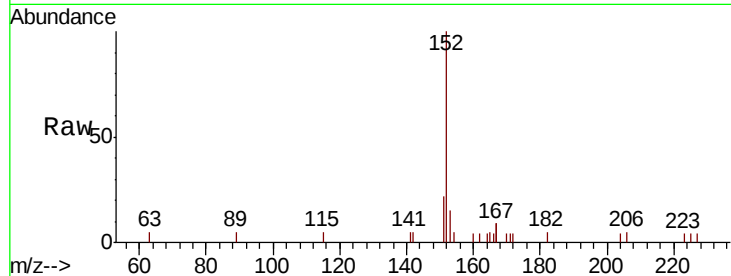




#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099882.D
Acq: 8 Jun 2019 12:08

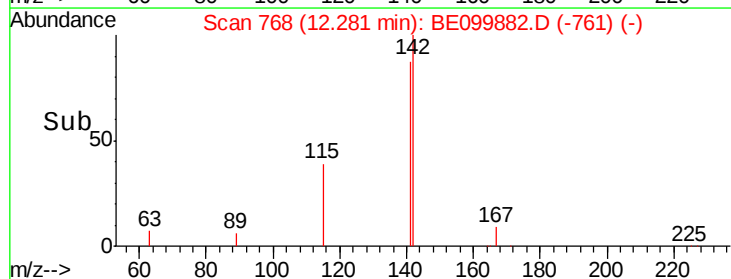
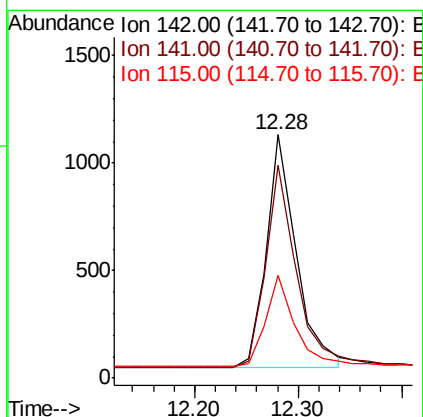
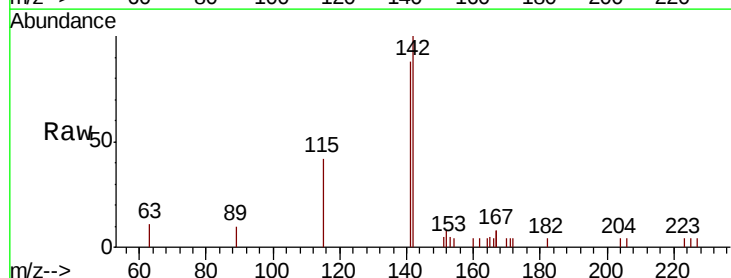
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

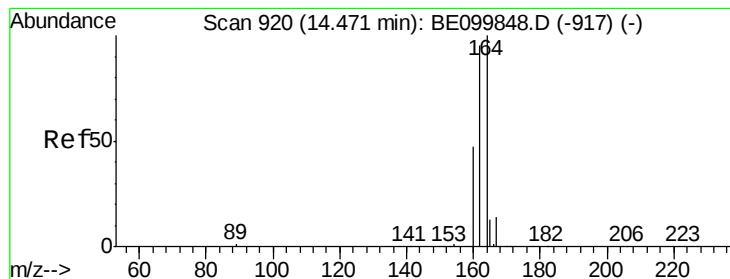
Tot Ion:152 Resp: 2233
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8



#12
2-Methylnaphthalene
Concen: 0.368 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE099882.D
Acq: 8 Jun 2019 12:08

Tgt Ion:142 Resp: 2190
Ion Ratio Lower Upper
142 100
141 87.5 73.3 109.9
115 42.0 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: BE099882.D

Acq: 8 Jun 2019 12:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

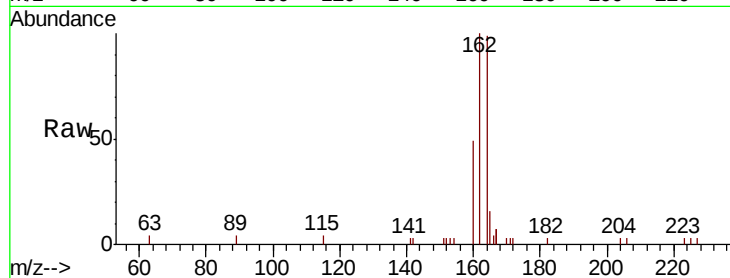
Tot Ion:164 Resp: 2243

Ion Ratio Lower Upper

164 100

162 101.2 77.2 115.8

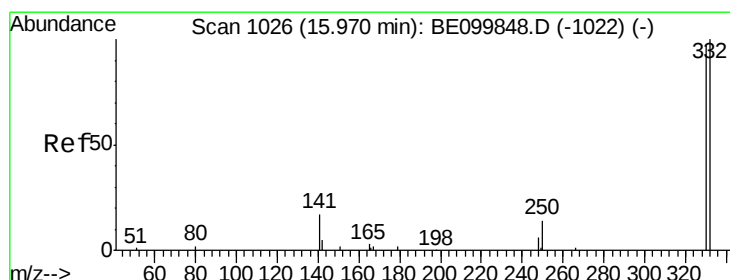
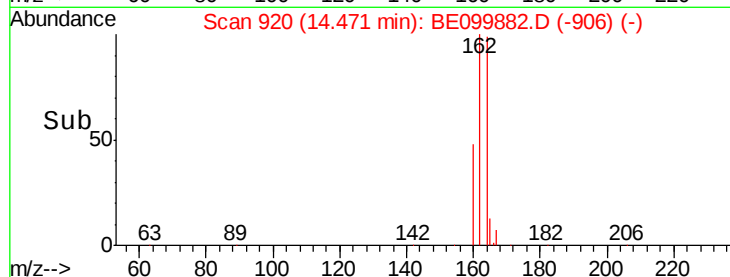
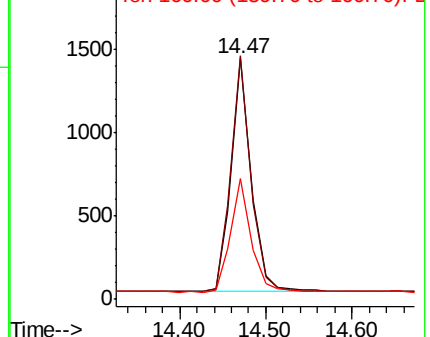
160 50.0 39.4 59.2



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: 0.277 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

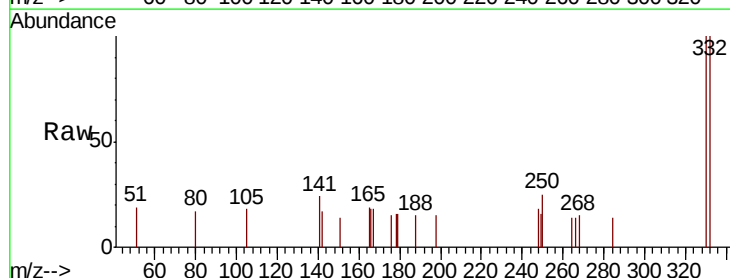
Tgt Ion:330 Resp: 614

Ion Ratio Lower Upper

330 100

332 97.4 74.9 112.3

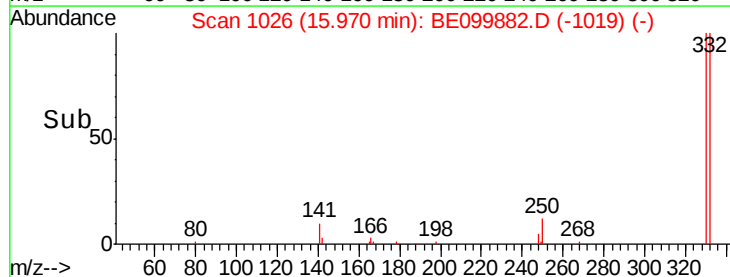
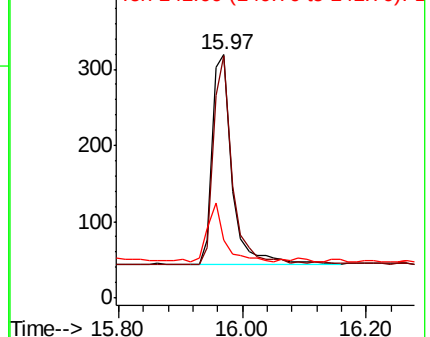
141 24.9 16.0 24.0#

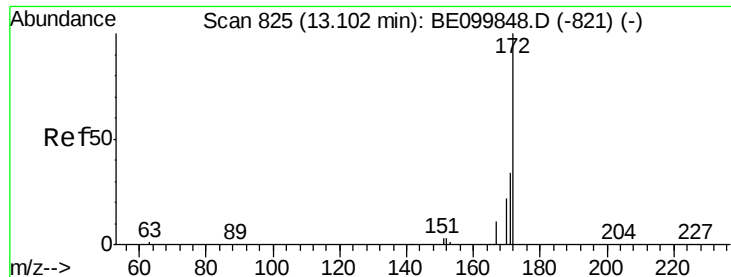


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

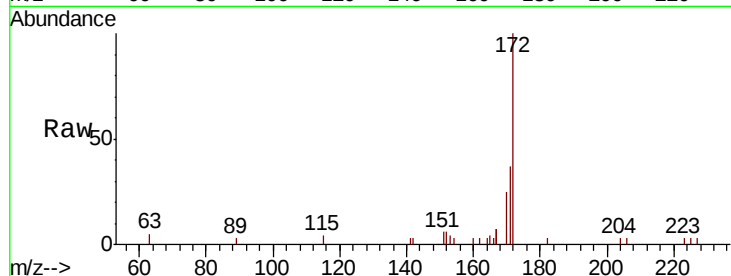




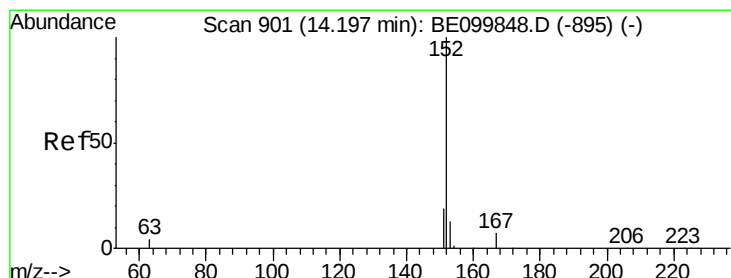
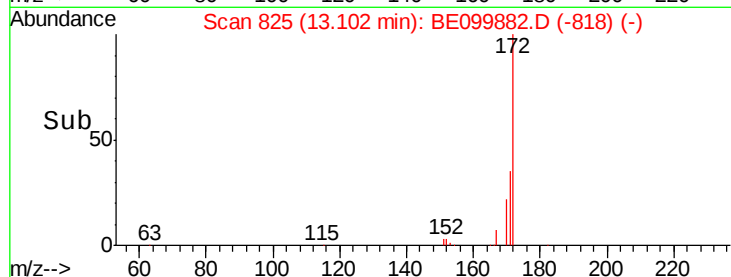
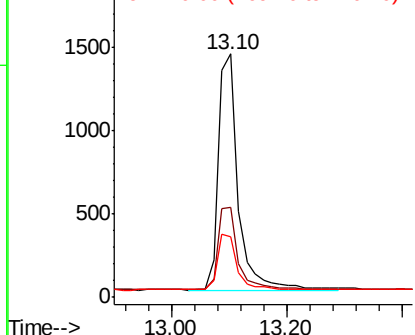
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099882.D
Acq: 8 Jun 2019 12:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 3391
Ion Ratio Lower Upper
172 100
171 37.1 30.2 45.4
170 24.6 20.1 30.1

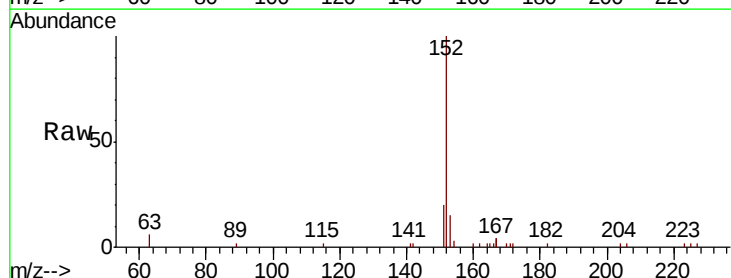


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

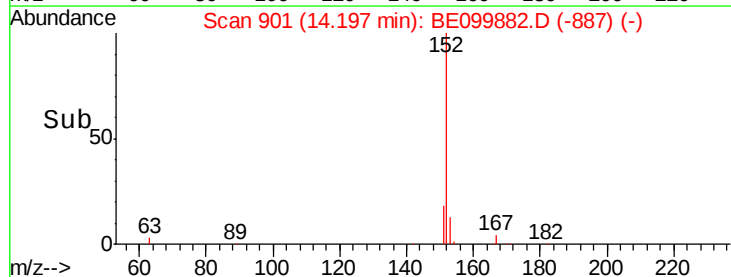
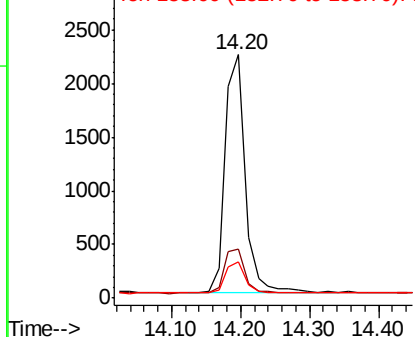


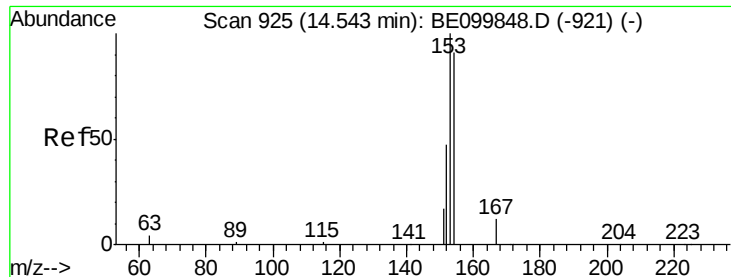
#16
Acenaphthylene
Concen: 0.409 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099882.D
Acq: 8 Jun 2019 12:08

Tgt Ion:152 Resp: 4541
Ion Ratio Lower Upper
152 100
151 19.0 15.9 23.9
153 13.2 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: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.02 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

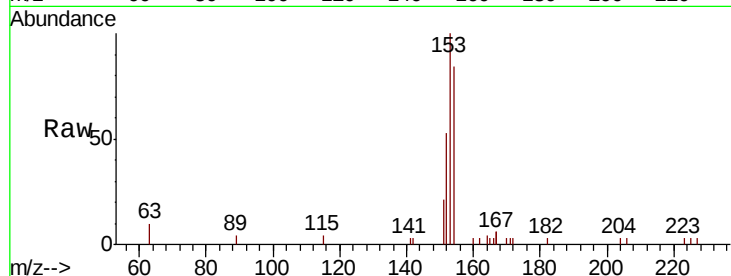
Tot Ion:154 Resp: 2436

Ion Ratio Lower Upper

154 100

153 115.6 93.8 140.6

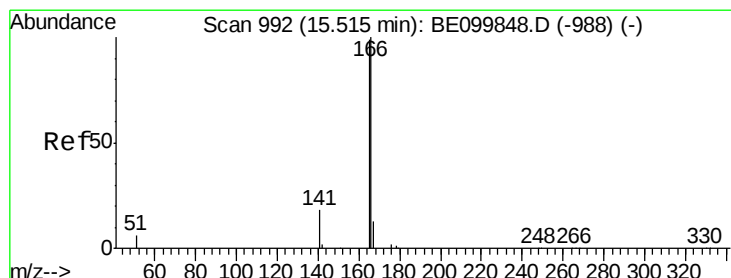
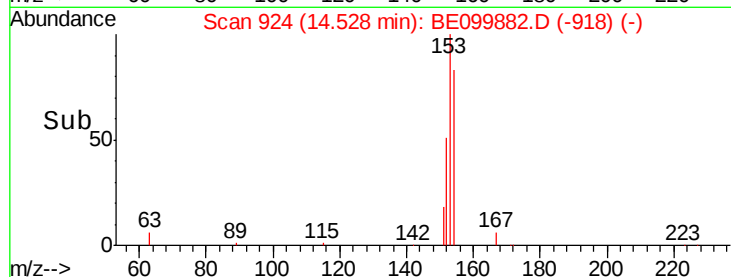
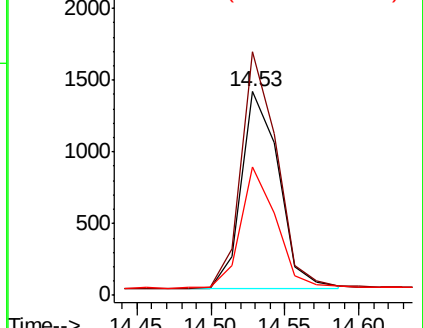
152 58.5 48.3 72.5



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: 0.383 ng

RT: 15.52 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

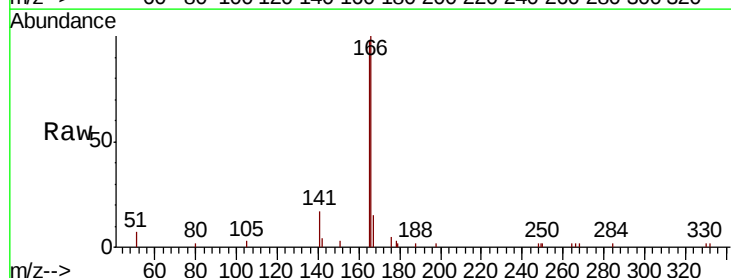
Tgt Ion:166 Resp: 3567

Ion Ratio Lower Upper

166 100

165 101.0 80.4 120.6

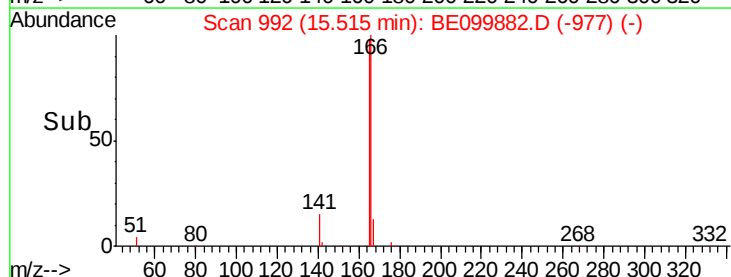
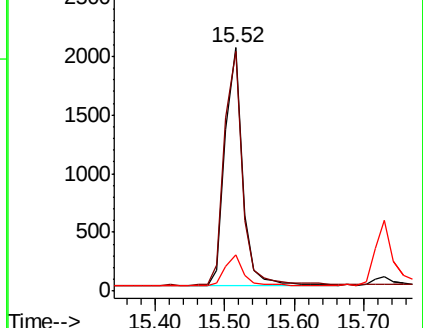
167 13.1 10.7 16.1

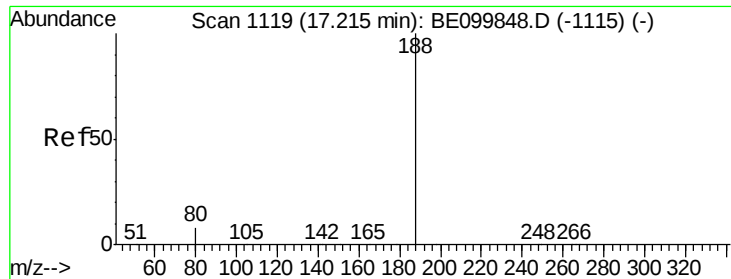


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.22 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

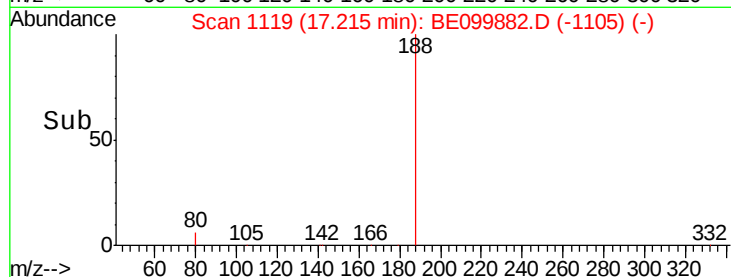
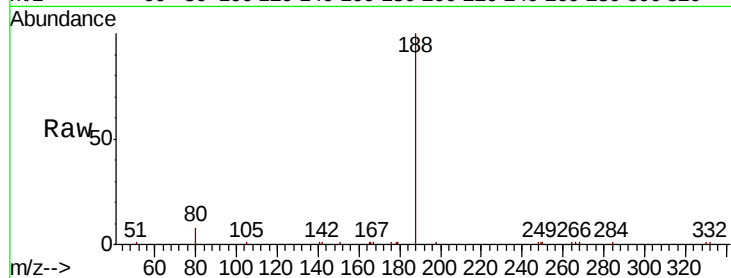
Tot Ion:188 Resp: 6986

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

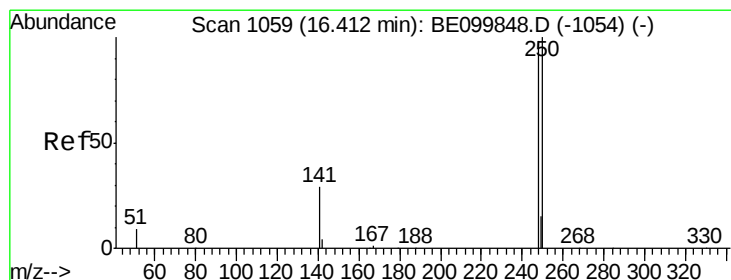
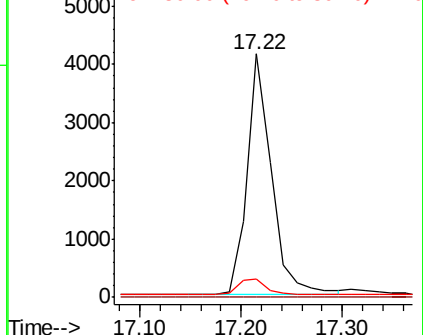
80 7.5 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.403 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

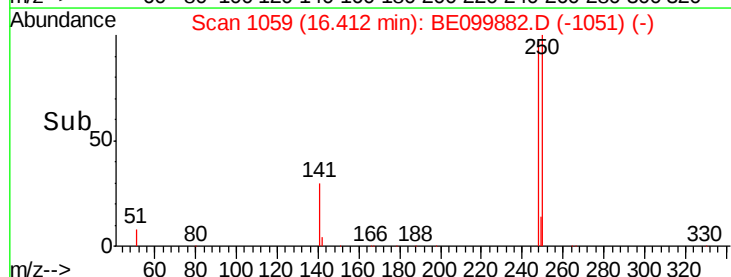
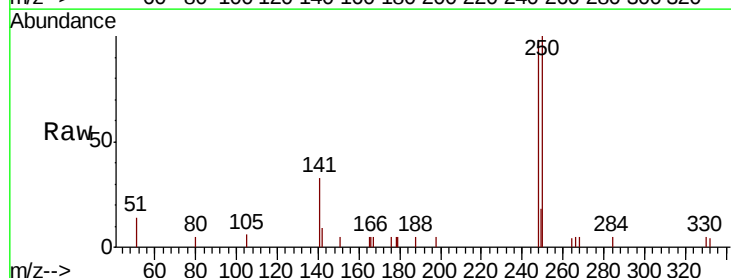
Tgt Ion:248 Resp: 1614

Ion Ratio Lower Upper

248 100

250 102.6 73.7 110.5

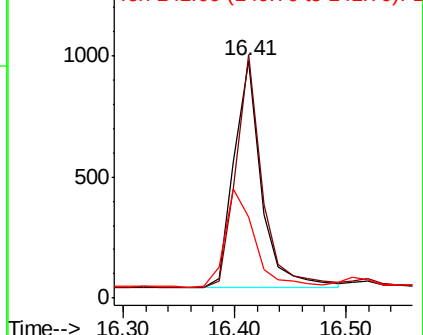
141 34.0 40.9 61.3#

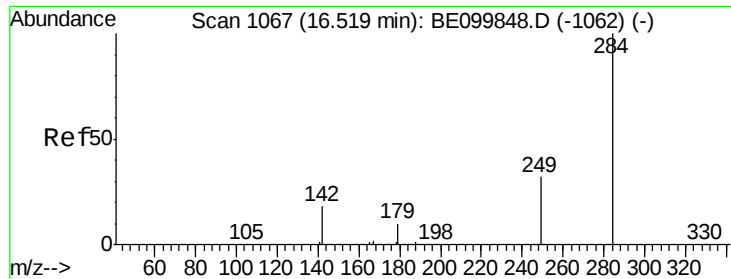


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

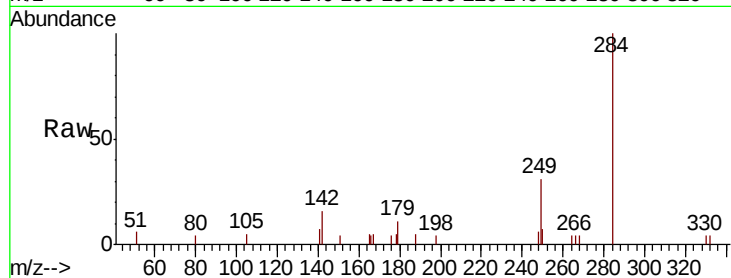




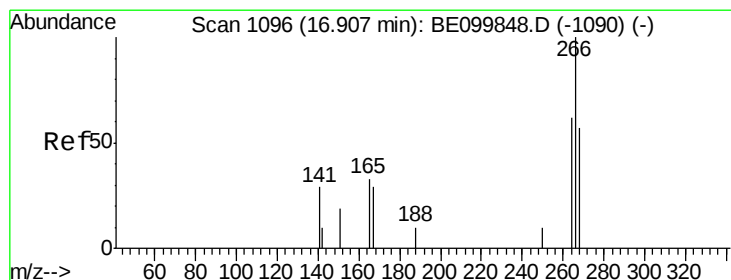
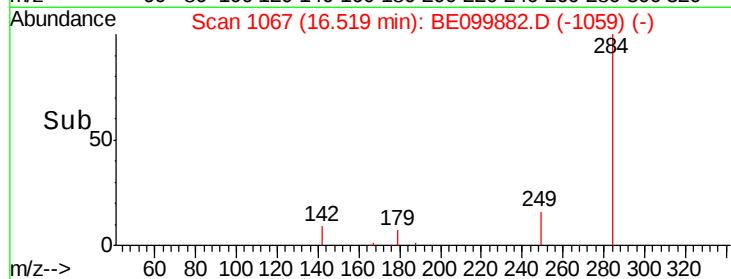
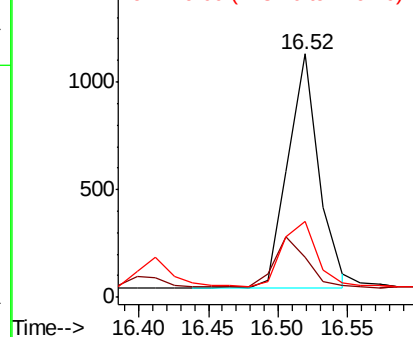
#21
Hexachlorobenzene
Concen: 0.432 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099882.D
Acq: 8 Jun 2019 12:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:284 Resp: 1687
Ion Ratio Lower Upper
284 100
142 22.1 16.2 24.4
249 30.4 23.1 34.7

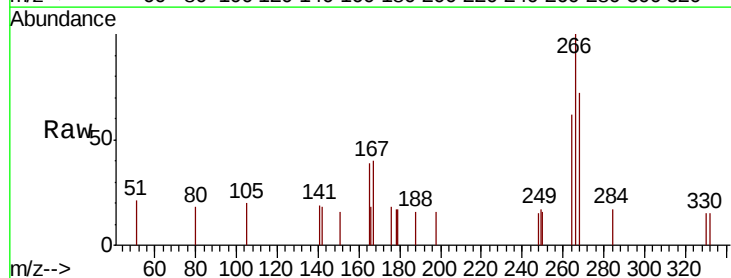


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

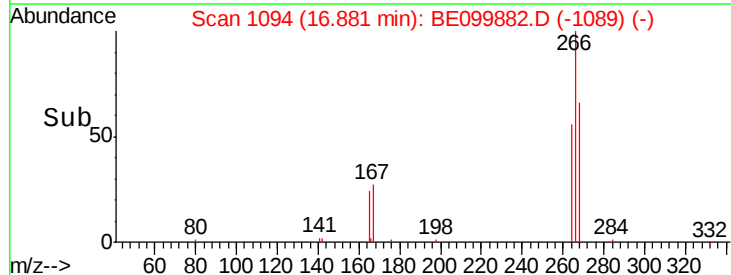
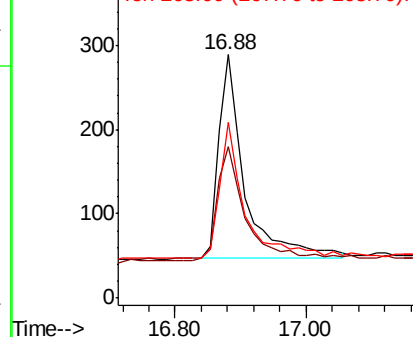


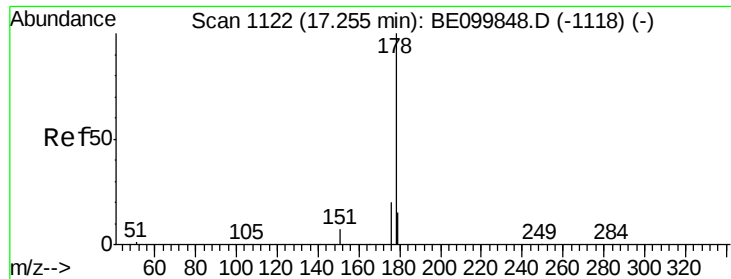
#22
Pentachlorophenol
Concen: 0.683 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BE099882.D
Acq: 8 Jun 2019 12:08

Tgt Ion:266 Resp: 664
Ion Ratio Lower Upper
266 100
264 62.3 64.9 97.3#
268 72.0 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

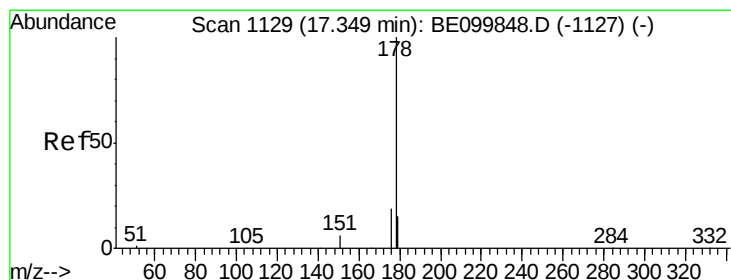
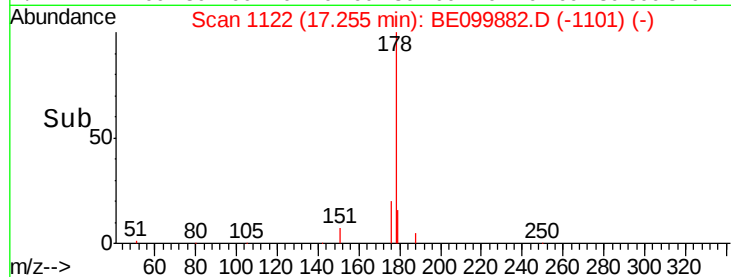
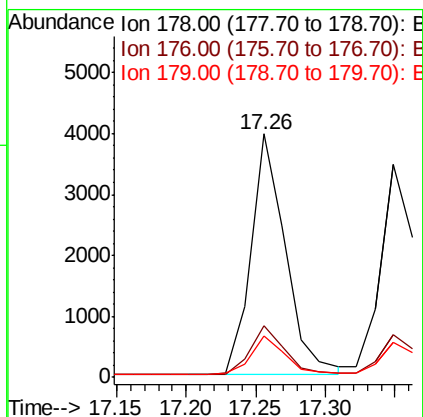
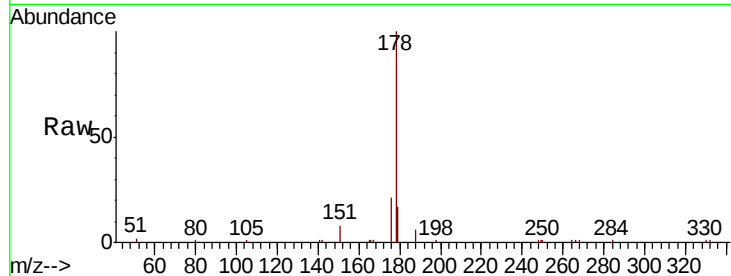




#23
Phenanthrene
Concen: 0.392 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE099882.D
Acq: 8 Jun 2019 12:08

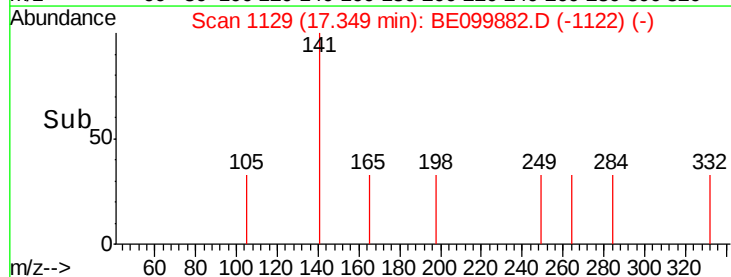
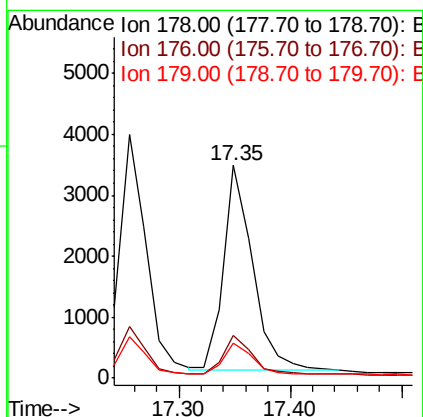
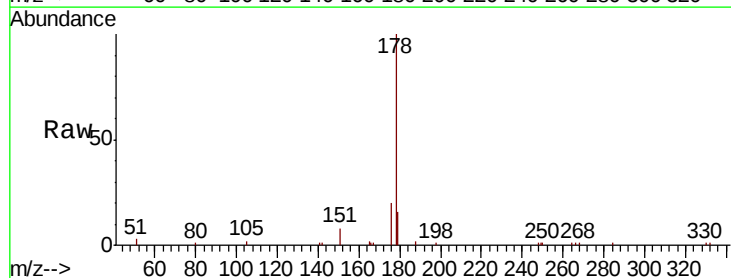
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

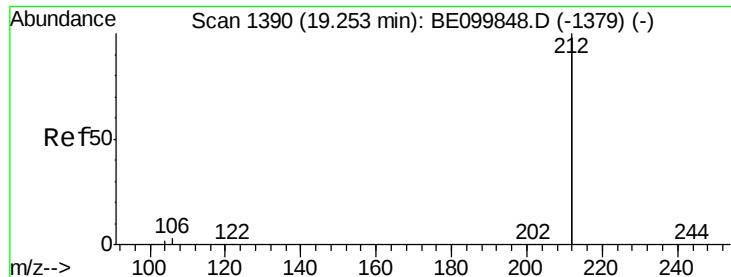
Tot Ion:178 Resp: 6783
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 16.1 12.5 18.7



#24
Anthracene
Concen: 0.369 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BE099882.D
Acq: 8 Jun 2019 12:08

Tgt Ion:178 Resp: 6122
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.2 12.1 18.1





#25

Fluoranthene-d10

Concen: 0.365 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

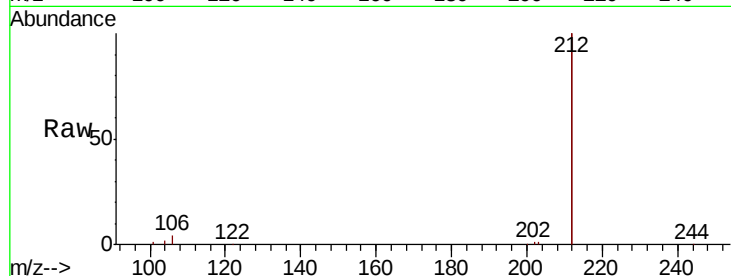
Tot Ion:212 Resp: 39498

Ion Ratio Lower Upper

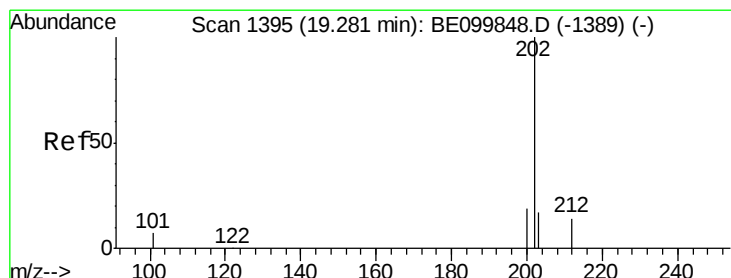
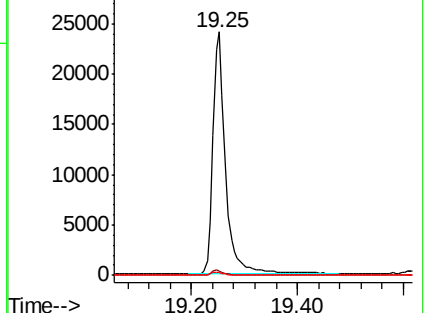
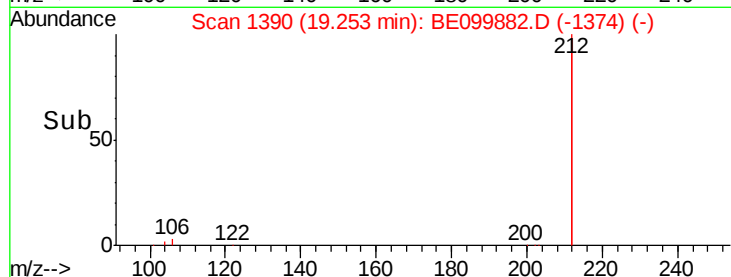
212 100

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: 0.372 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

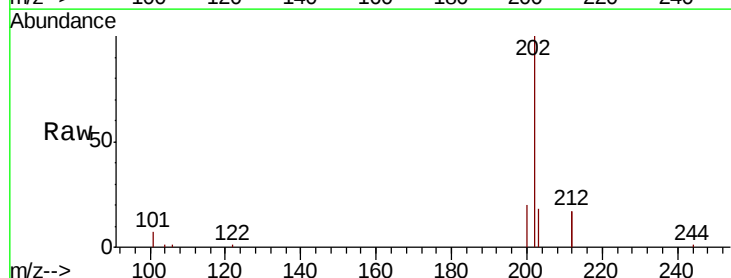
Tgt Ion:202 Resp: 11363

Ion Ratio Lower Upper

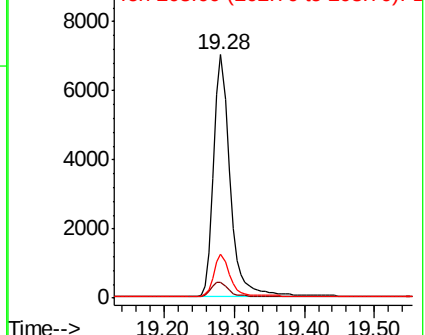
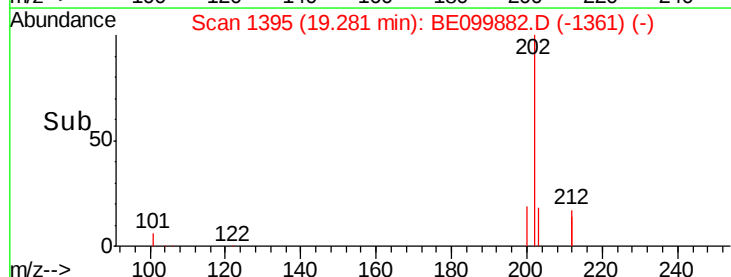
202 100

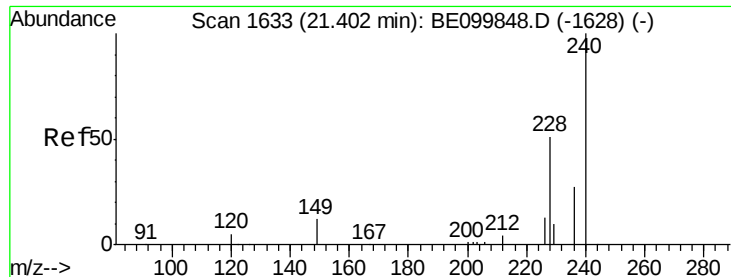
101 6.3 5.2 7.8

203 17.1 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

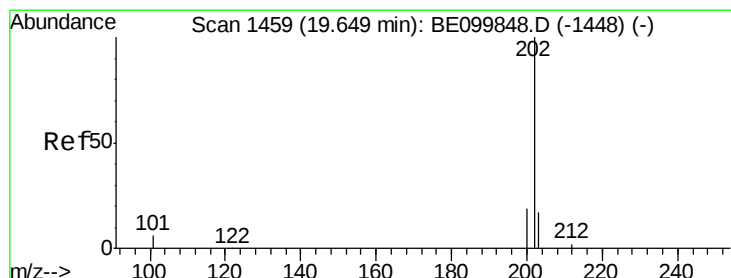
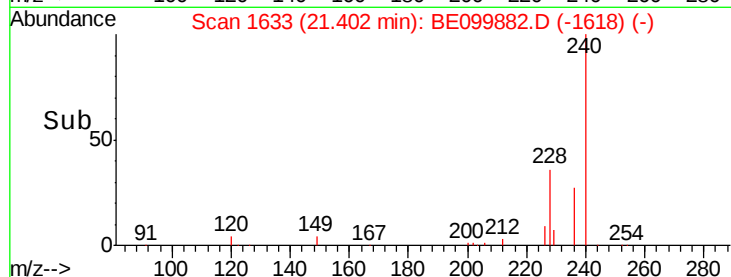
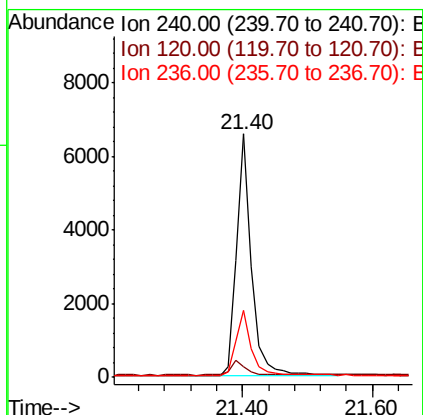
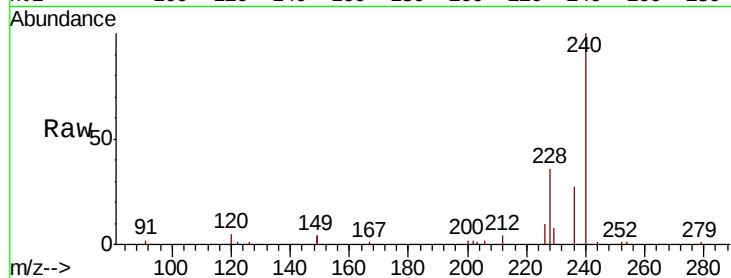




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099882.D
Acq: 8 Jun 2019 12:08

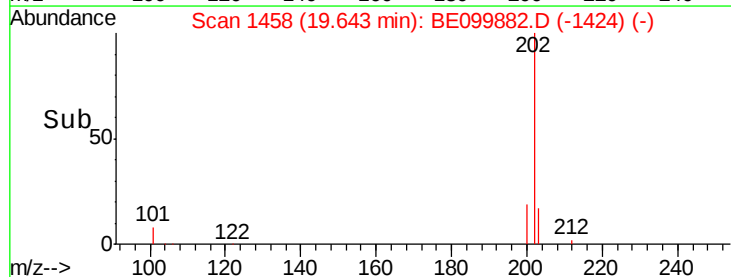
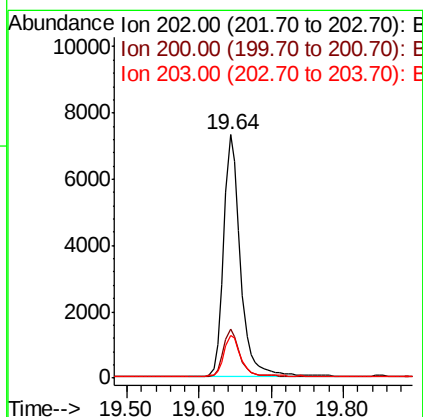
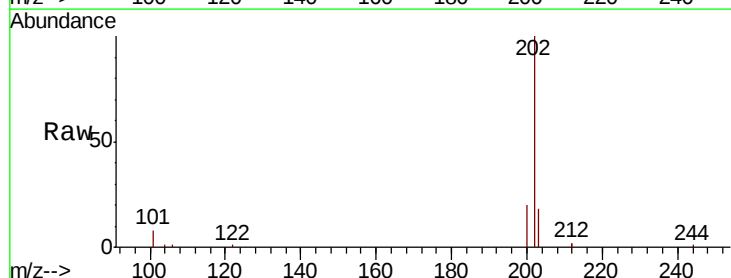
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

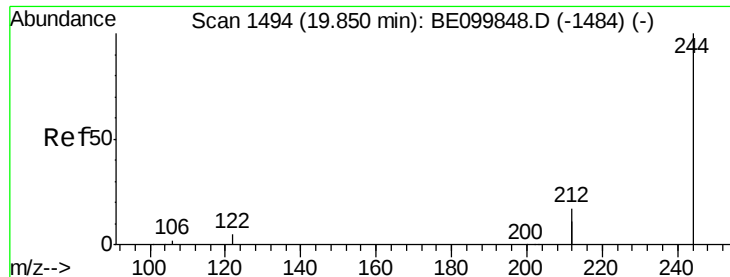
Tot Ion:240 Resp: 10618
Ion Ratio Lower Upper
240 100
120 4.5 2.8 4.2#
236 27.4 20.9 31.3



#28
Pyrene
Concen: 0.418 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BE099882.D
Acq: 8 Jun 2019 12:08

Tgt Ion:202 Resp: 11739
Ion Ratio Lower Upper
202 100
200 19.5 15.6 23.4
203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

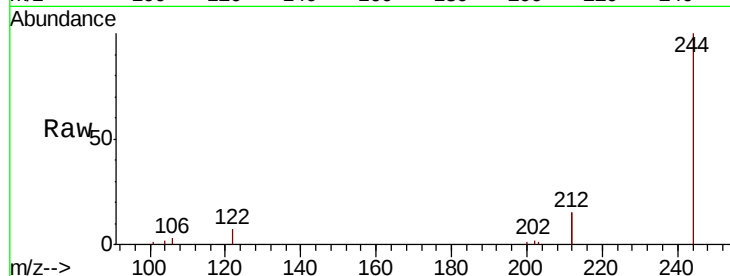
Tot Ion:244 Resp: 8007

Ion Ratio Lower Upper

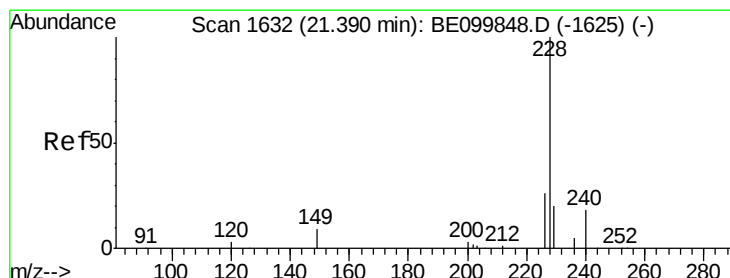
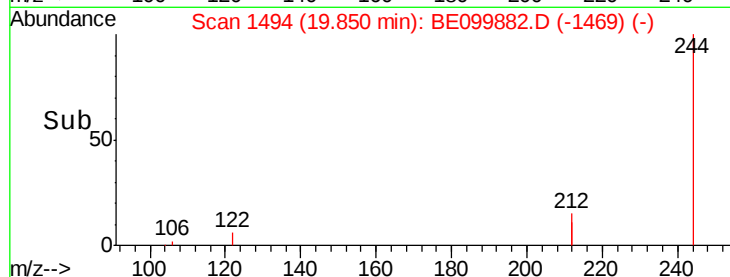
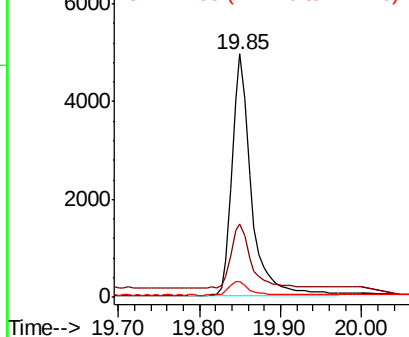
244 100

212 30.4 23.7 35.5

122 6.7 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: 0.412 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

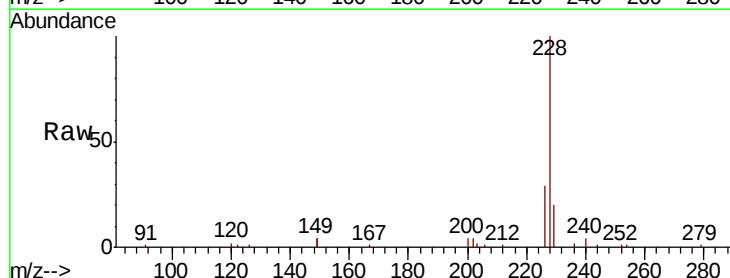
Tgt Ion:228 Resp: 13888

Ion Ratio Lower Upper

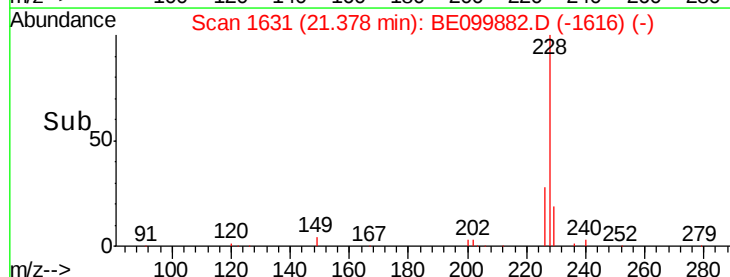
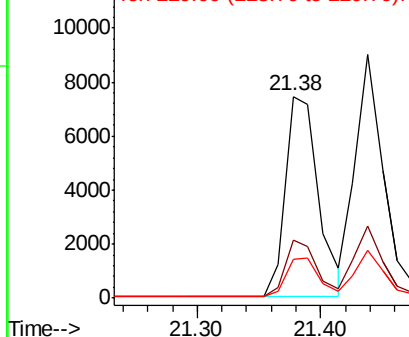
228 100

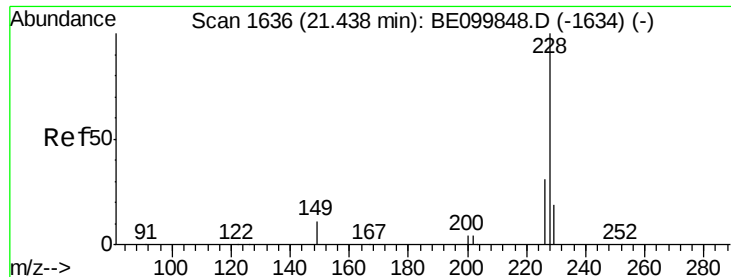
226 28.5 21.6 32.4

229 19.6 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: 0.429 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

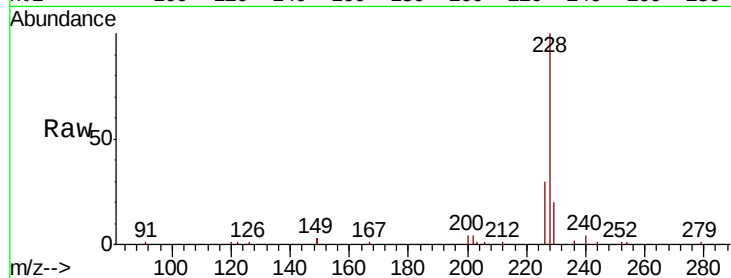
Tot Ion:228 Resp: 14206

Ion Ratio Lower Upper

228 100

226 29.6 22.9 34.3

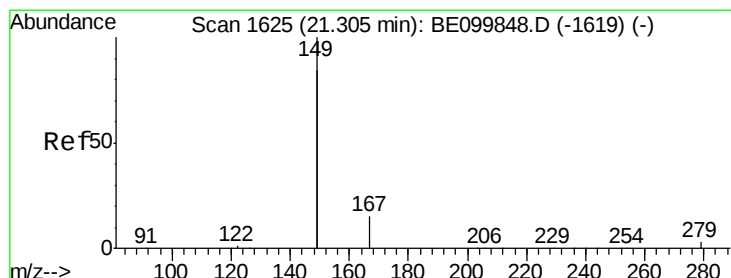
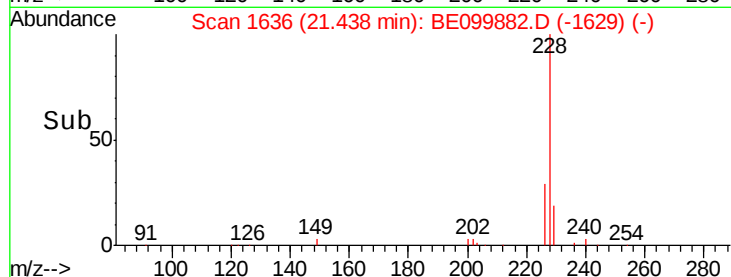
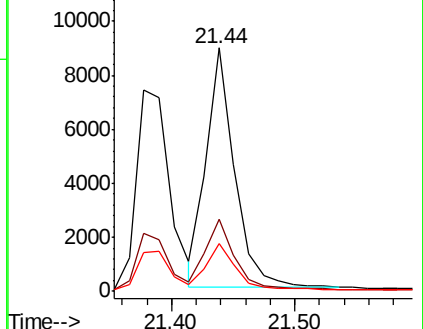
229 19.7 16.4 24.6



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: 0.331 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

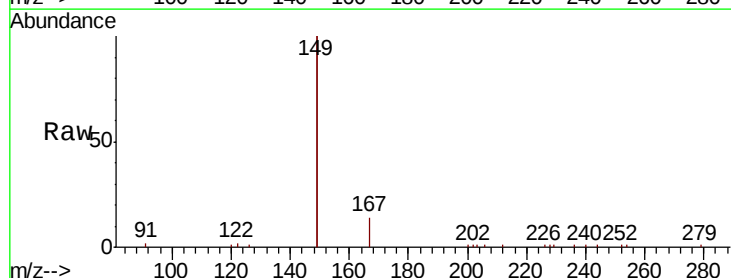
Tgt Ion:149 Resp: 18185

Ion Ratio Lower Upper

149 100

167 7.7 6.0 9.0

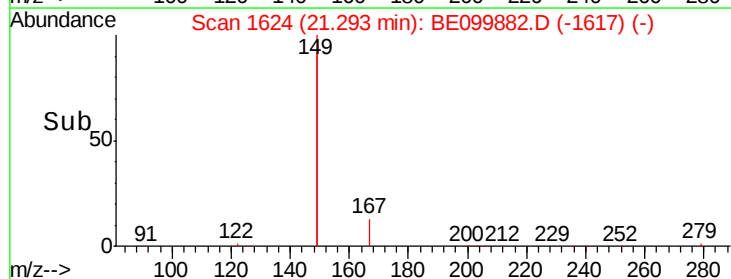
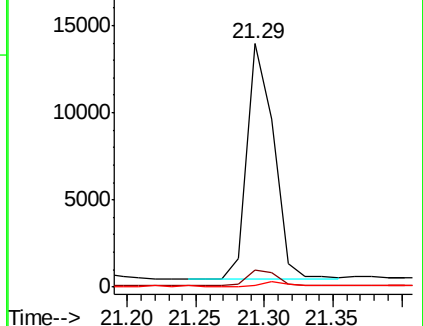
279 1.6 1.2 1.8

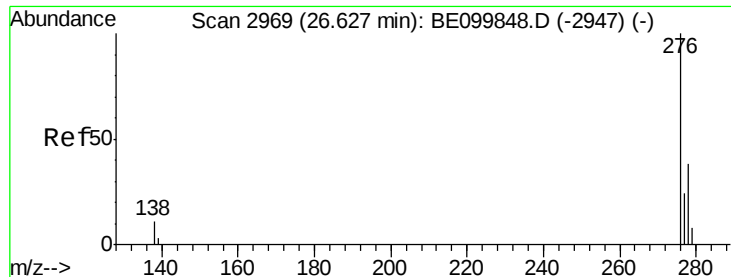


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

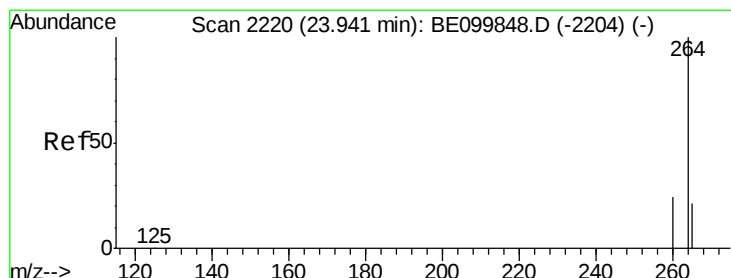
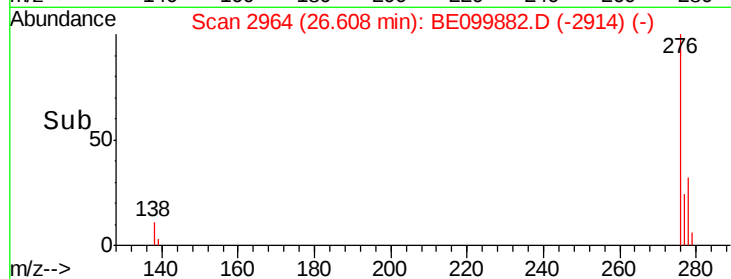
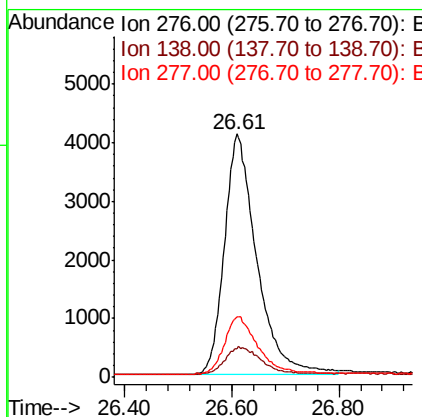
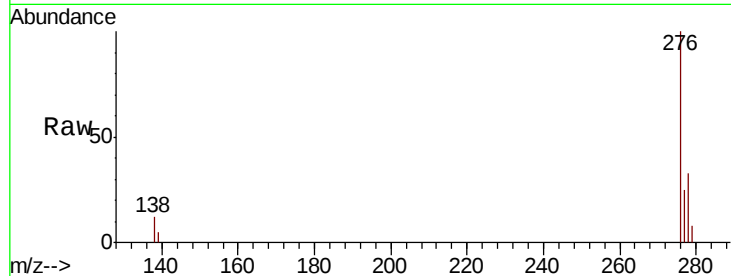




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.423 ng
 RT: 26.61 min Scan# 2964
 Delta R.T. -0.02 min
 Lab File: BE099882.D
 Acq: 8 Jun 2019 12:08

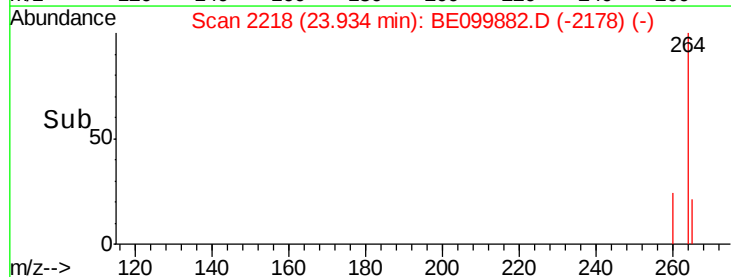
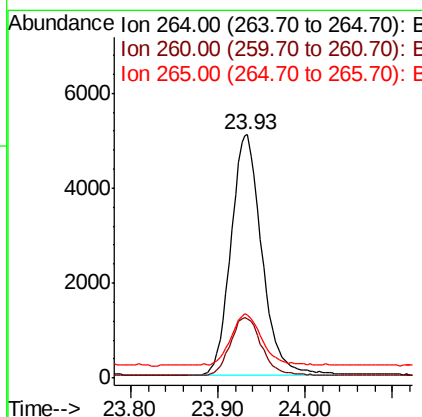
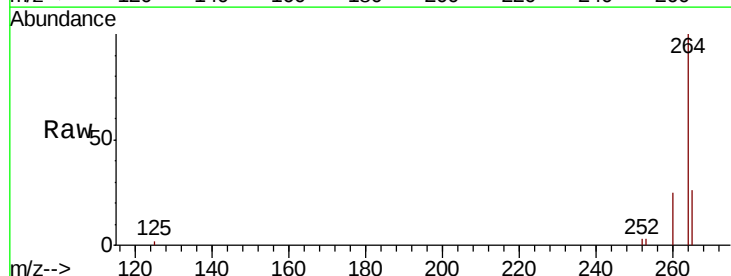
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

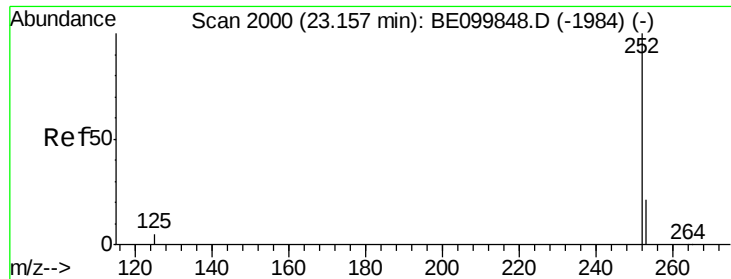
Tot Ion:276 Resp: 17067
 Ion Ratio Lower Upper
 276 100
 138 12.4 10.3 15.5
 277 24.4 19.4 29.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BE099882.D
 Acq: 8 Jun 2019 12:08

Tgt Ion:264 Resp: 12513
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.0 30.0
 265 25.9 20.7 31.1

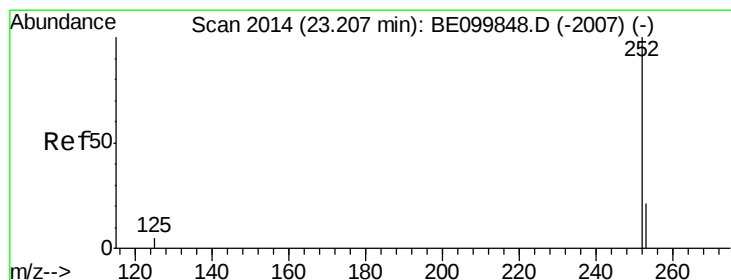
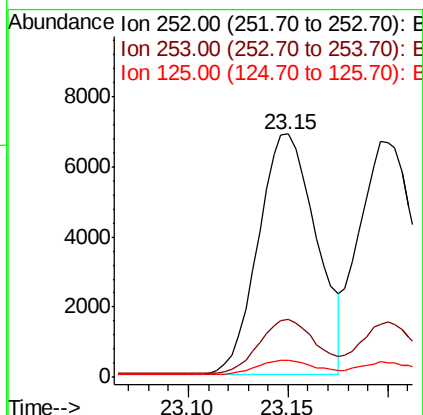
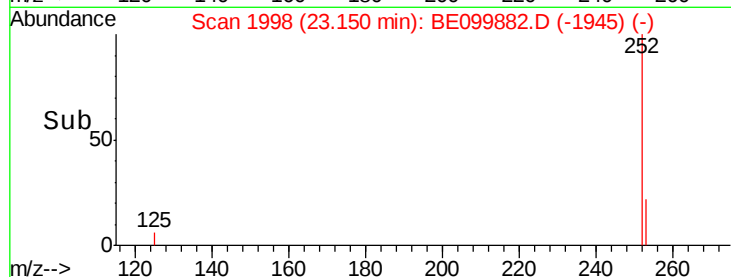
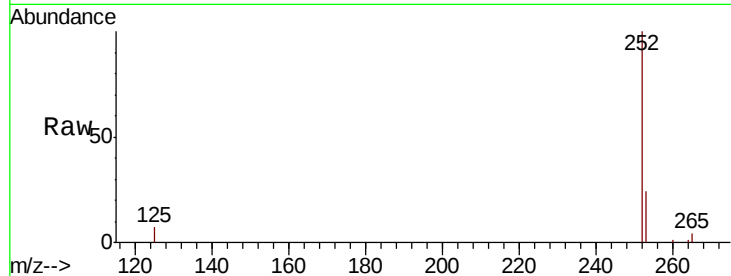




#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BE099882.D
Acq: 8 Jun 2019 12:08

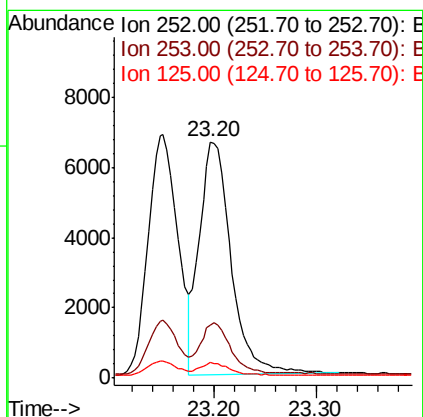
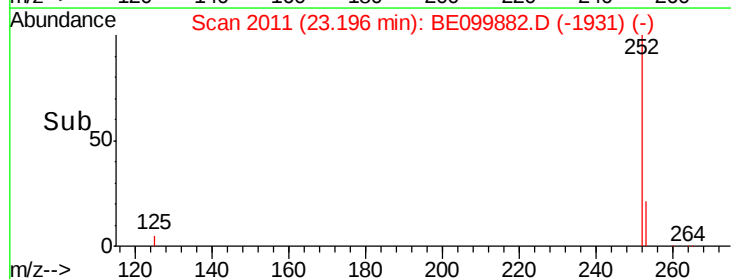
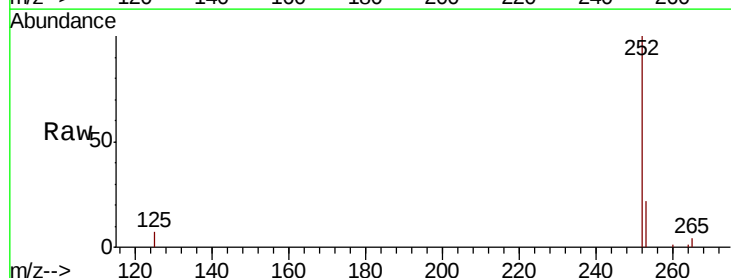
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

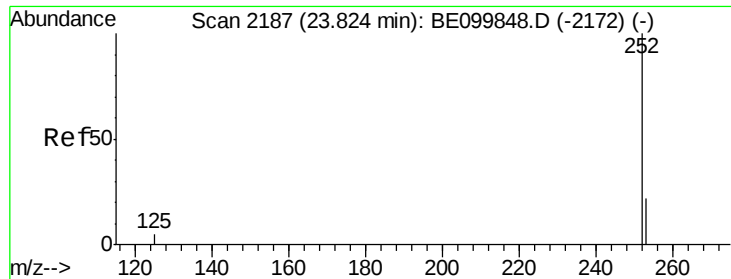
Tot Ion:252 Resp: 13899
Ion Ratio Lower Upper
252 100
253 23.7 18.9 28.3
125 7.0 7.6 11.4#



#36
Benzo(k)fluoranthene
Concen: 0.411 ng
RT: 23.20 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BE099882.D
Acq: 8 Jun 2019 12:08

Tgt Ion:252 Resp: 14288
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 6.6 4.6 7.0





#37

Benzo(a)pyrene

Concen: 0.403 ng

RT: 23.82 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

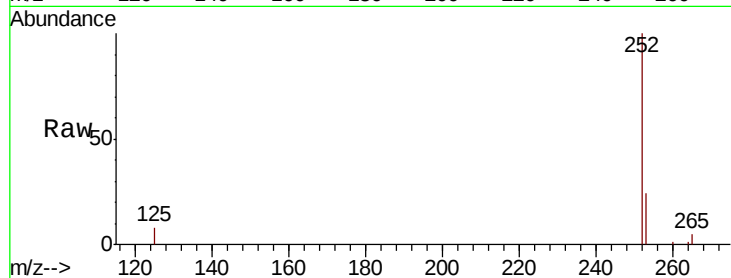
Tot Ion:252 Resp: 13578

Ion Ratio Lower Upper

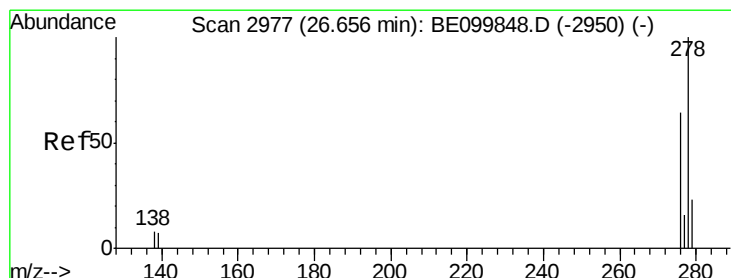
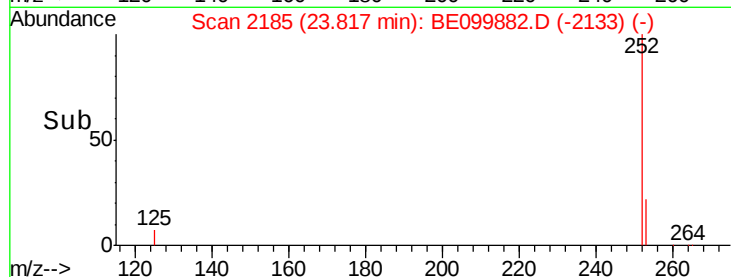
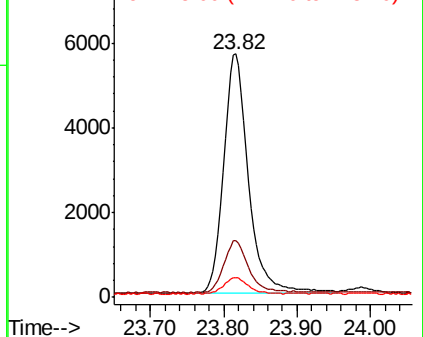
252 100

253 23.5 19.3 28.9

125 8.0 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: 0.400 ng

RT: 26.64 min Scan# 2973

Delta R.T. -0.02 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

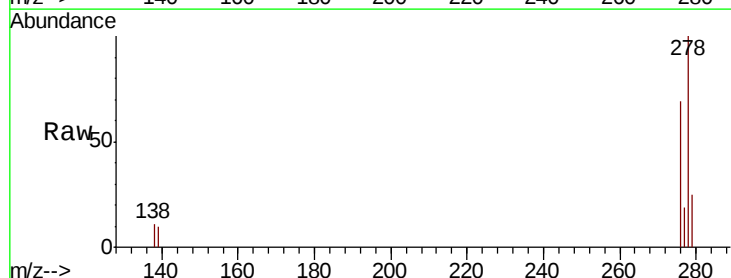
Tgt Ion:278 Resp: 13794

Ion Ratio Lower Upper

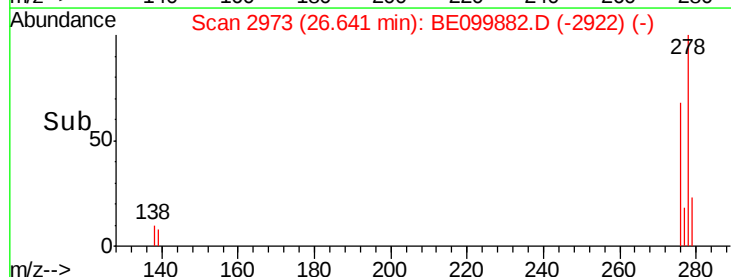
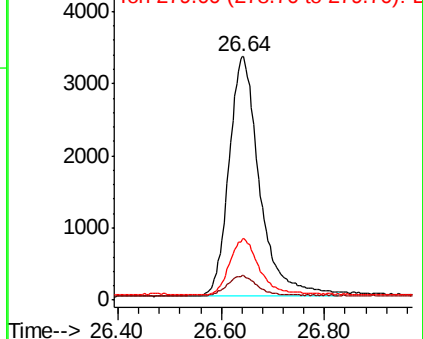
278 100

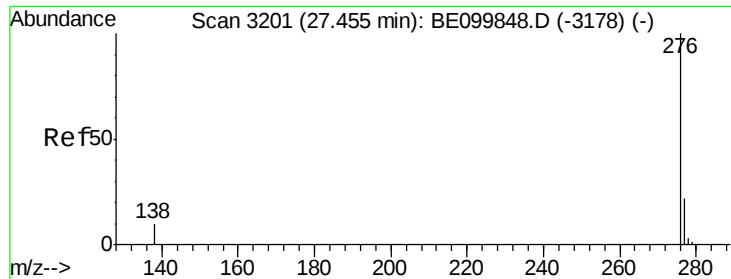
139 10.0 7.9 11.9

279 25.1 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: 0.406 ng

RT: 27.44 min Scan# 3196

Delta R.T. -0.02 min

Lab File: BE099882.D

Acq: 8 Jun 2019 12:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

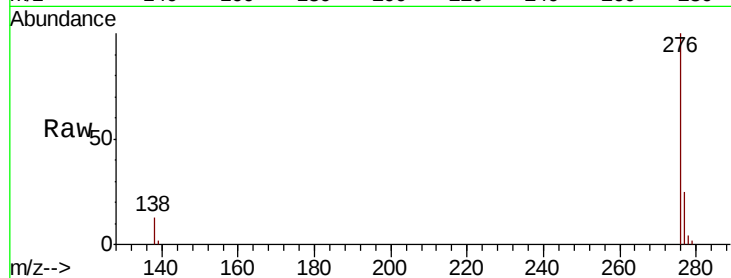
Tot Ion:276 Resp: 14215

Ion Ratio Lower Upper

276 100

277 25.0 19.6 29.4

138 12.8 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

