

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061019\
 Data File : BE099894.D
 Acq On : 10 Jun 2019 17:26
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 11 05:57:14 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	713	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2651	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2054	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6676	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9213	0.40	ng	0.00
34) Perylene-d12	23.93	264	10523	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	718	0.37	ng	0.00
5) Phenol-d6	6.96	99	925	0.37	ng	0.00
8) Nitrobenzene-d5	8.96	82	917	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1833	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	470	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	2923	0.38	ng	0.00
25) Fluoranthene-d10	19.25	212	36209	0.37	ng	0.00
29) Terphenyl-d14	19.85	244	7109	0.43	ng	0.00

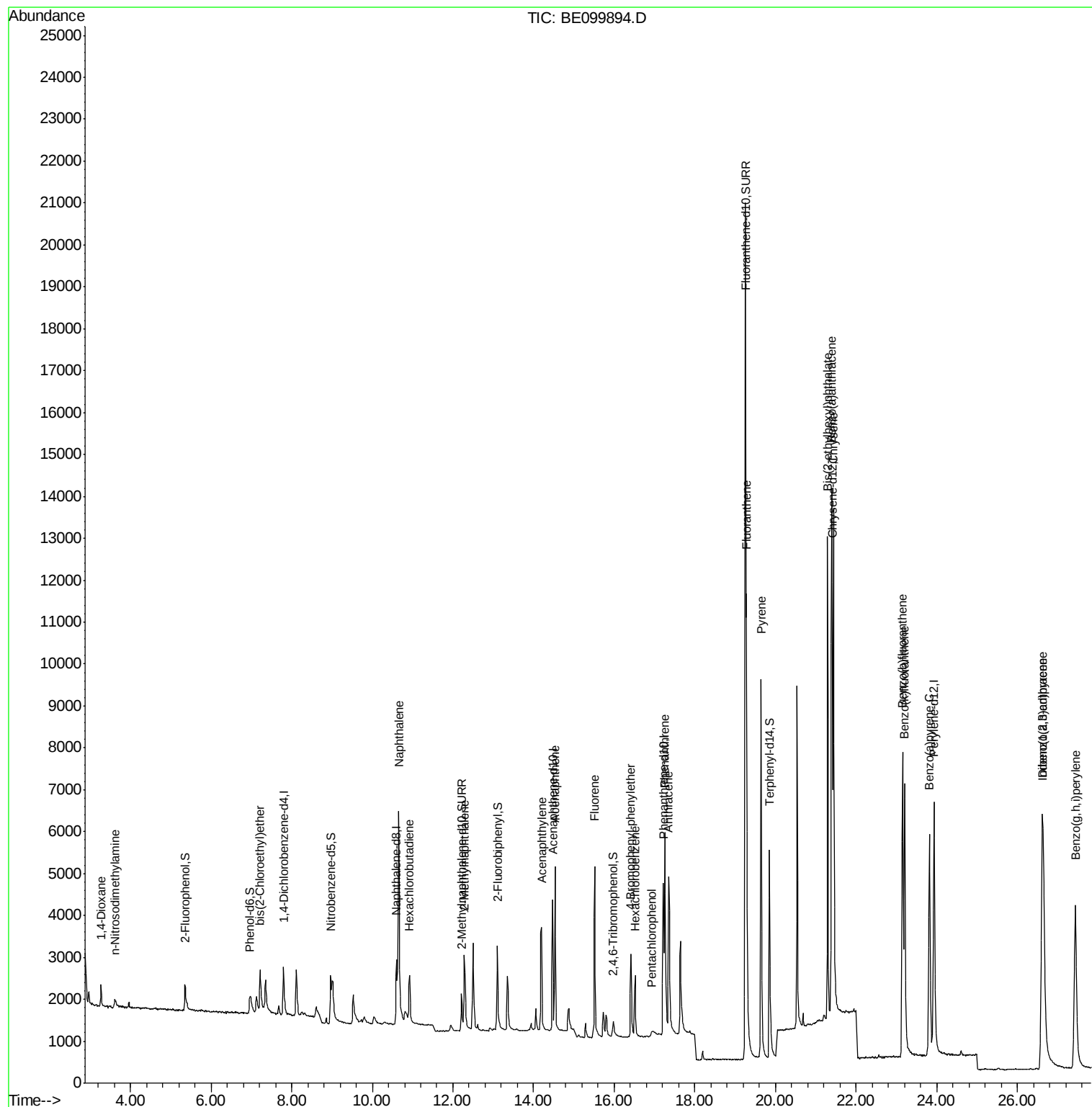
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	437	0.414	ng	92
3) n-Nitrosodimethylamine	3.61	42	163	0.268	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	820	0.405	ng	76
9) Naphthalene	10.65	128	11420	0.399	ng	99
10) Hexachlorobutadiene	10.93	225	918	0.421	ng	98
12) 2-Methylnaphthalene	12.28	142	1841	0.396	ng	96
16) Acenaphthylene	14.20	152	3874	0.379	ng	98
17) Acenaphthene	14.53	154	2139	0.384	ng	99
18) Fluorene	15.52	166	3152	0.377	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1514	0.400	ng	97
21) Hexachlorobenzene	16.52	284	1454	0.376	ng	98
22) Pentachlorophenol	16.93	266	329	0.477	ng	97
23) Phenanthrene	17.26	178	6207	0.383	ng	99
24) Anthracene	17.35	178	5239	0.353	ng	99
26) Fluoranthene	19.28	202	10340	0.376	ng	99
28) Pyrene	19.64	202	10735	0.444	ng	100
30) Benzo(a)anthracene	21.39	228	11479	0.417	ng	98
31) Chrysene	21.44	228	12462	0.438	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	14871	0.376	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	14059	0.416	ng	99
35) Benzo(b)fluoranthene	23.15	252	11257	0.382	ng	99
36) Benzo(k)fluoranthene	23.20	252	12099	0.392	ng	99
37) Benzo(a)pyrene	23.82	252	11335	0.390	ng	99
38) Dibenzo(a,h)anthracene	26.64	278	11106	0.380	ng	99
39) Benzo(g,h,i)perylene	27.44	276	12024	0.398	ng	99

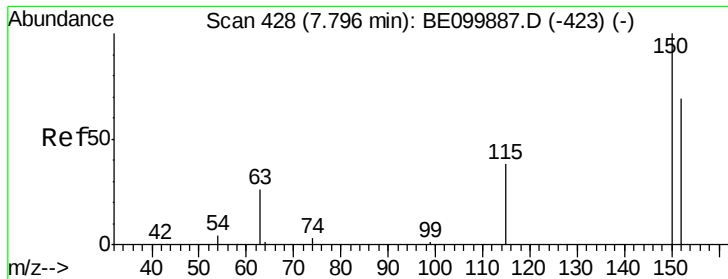
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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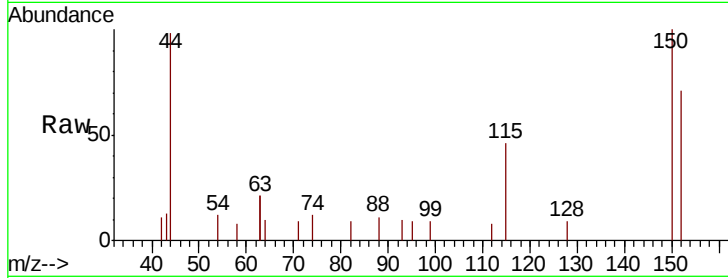


#1

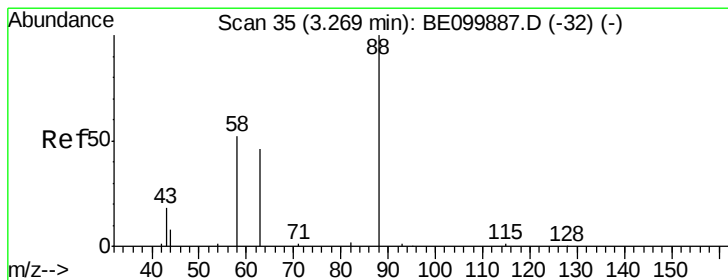
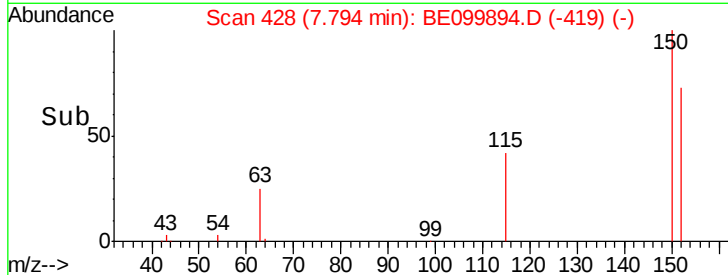
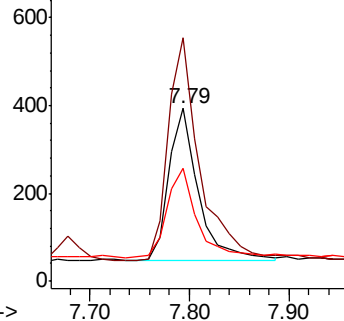
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099894.D
Acq: 10 Jun 2019 17:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 713
Ion Ratio Lower Upper
152 100
150 141.0 111.0 166.6
115 65.4 50.7 76.1



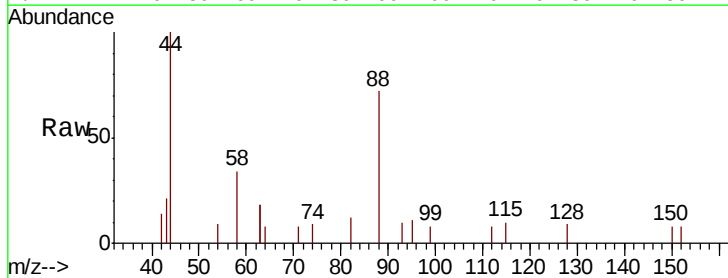
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



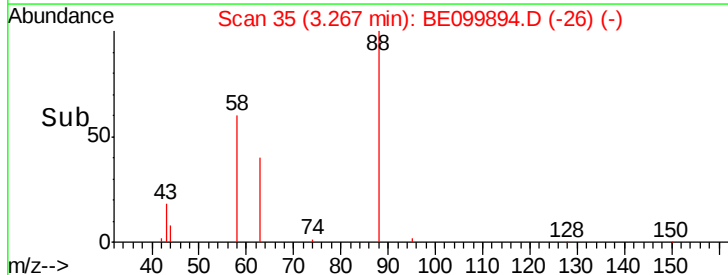
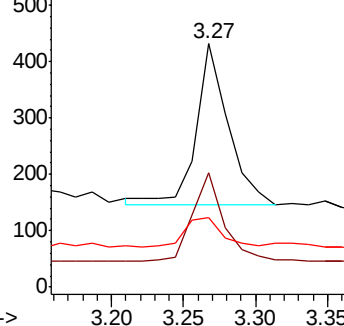
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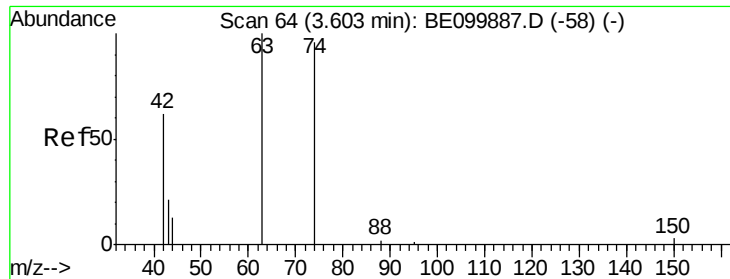
1,4-Dioxane
Concen: 0.414 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099894.D
Acq: 10 Jun 2019 17:26

Tgt Ion: 88 Resp: 437
Ion Ratio Lower Upper
88 100
58 53.5 48.8 73.2
43 21.3 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: 0.268 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

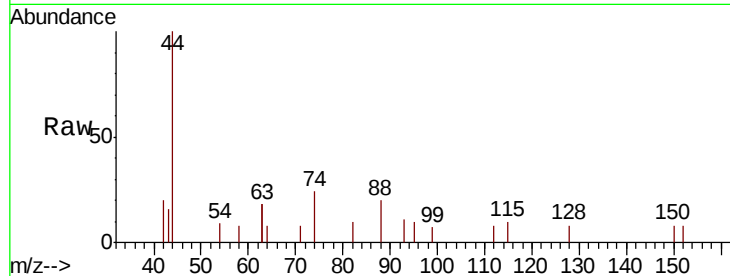
Tgt Ion: 42 Resp: 163

Ion Ratio Lower Upper

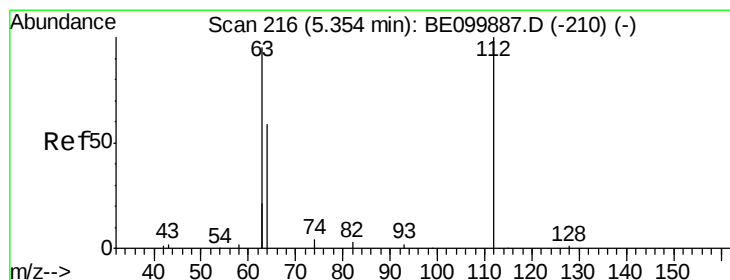
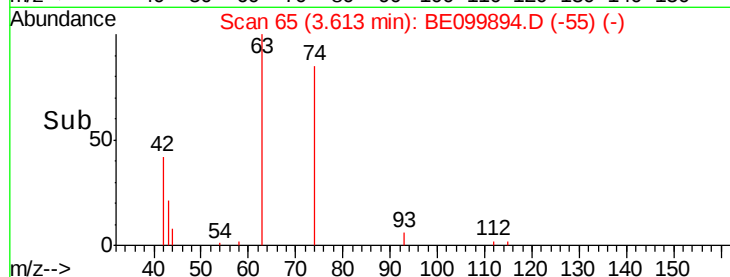
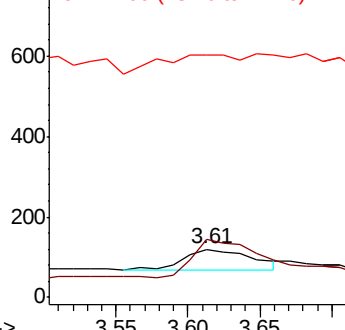
42 100

74 173.6 0.0 0.0#

44 116.0 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: 0.373 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

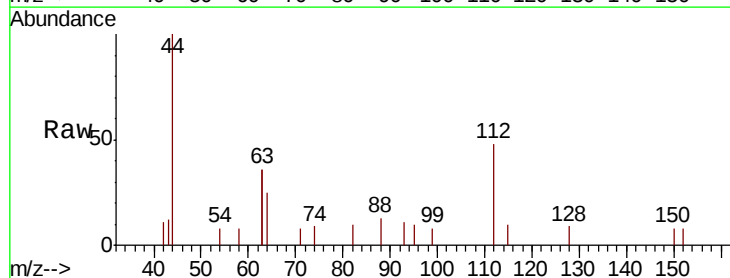
Tgt Ion: 112 Resp: 718

Ion Ratio Lower Upper

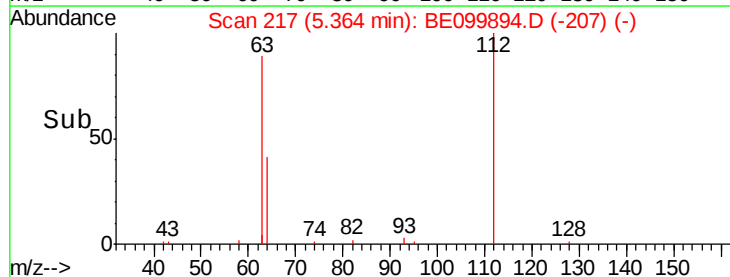
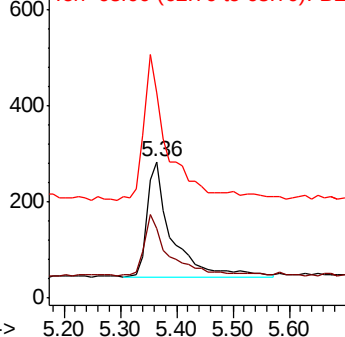
112 100

64 54.0 44.1 66.1

63 125.5 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: 0.373 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

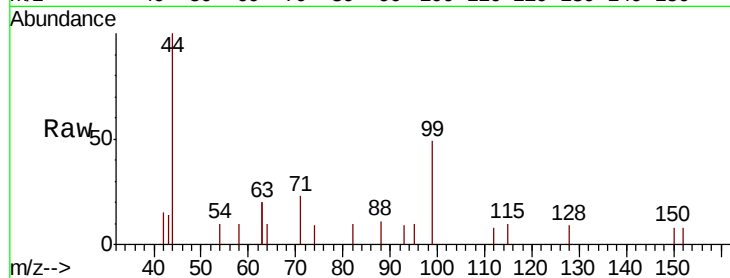
Tgt Ion: 99 Resp: 925

Ion Ratio Lower Upper

99 100

42 16.8 15.9 23.9

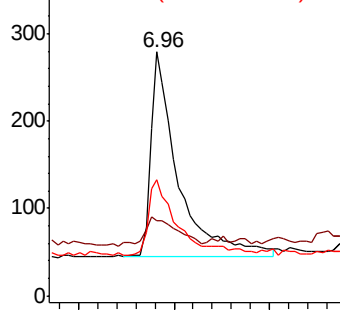
71 35.9 34.6 52.0



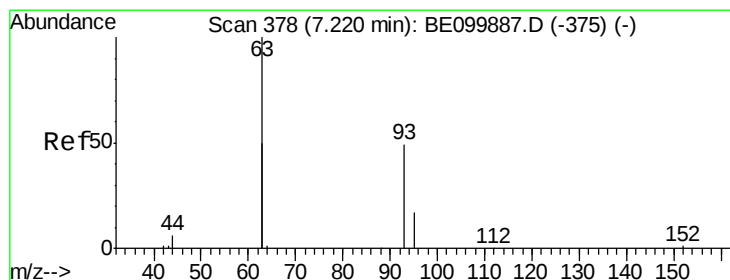
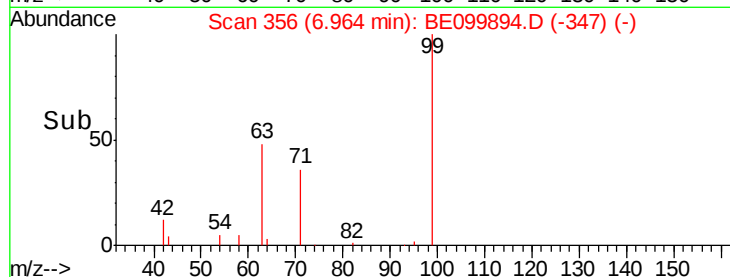
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.405 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

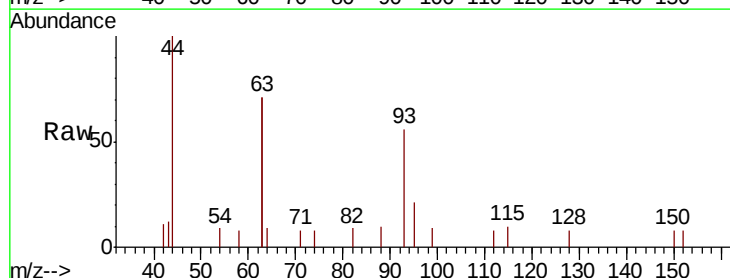
Tgt Ion: 93 Resp: 820

Ion Ratio Lower Upper

93 100

63 205.6 202.8 304.2

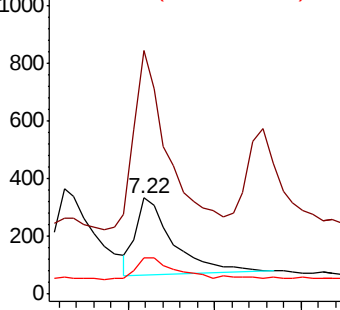
95 30.1 23.7 35.5



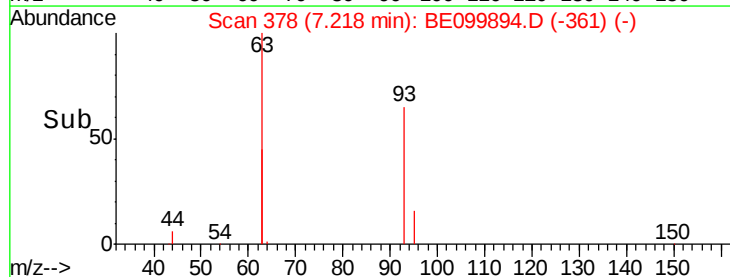
Abundance Ion 93.00 (92.70 to 93.70): BE0

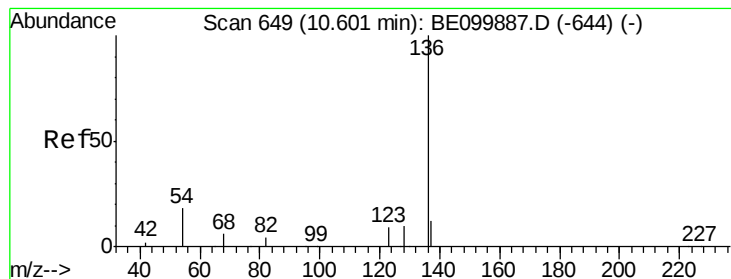
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 2651

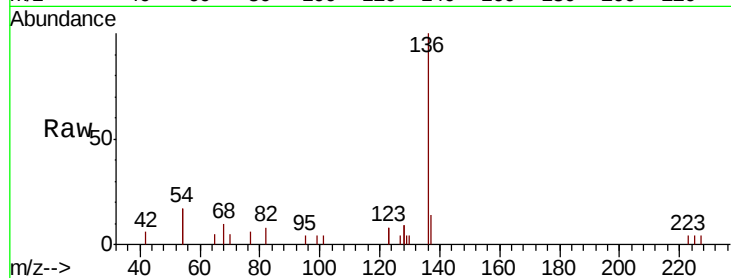
Ion Ratio Lower Upper

136 100

137 14.2 12.3 18.5

54 33.1 28.2 42.4

68 9.6 7.8 11.8

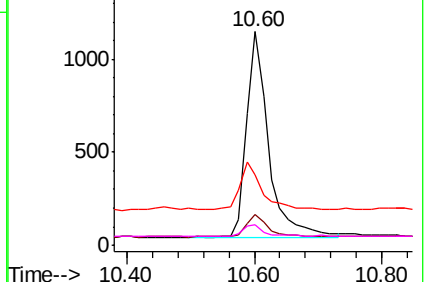
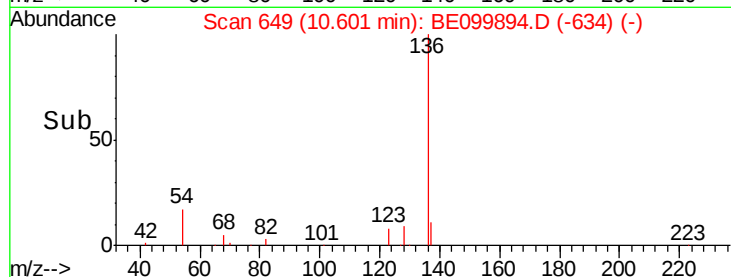


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.365 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

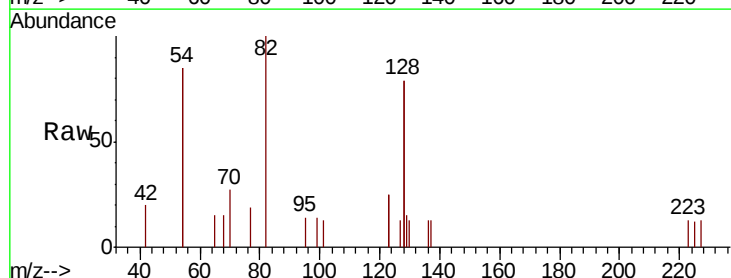
Tgt Ion: 82 Resp: 917

Ion Ratio Lower Upper

82 100

128 157.4 137.3 205.9

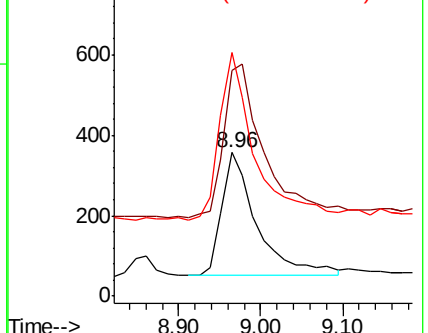
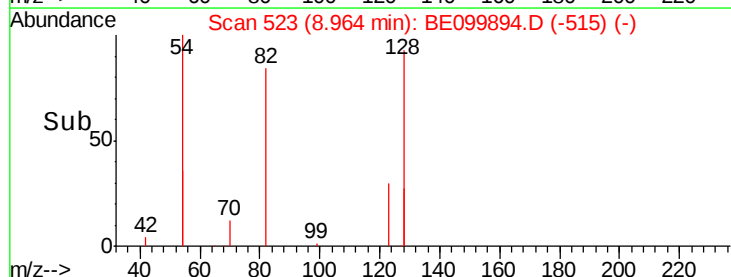
54 169.7 129.7 194.5

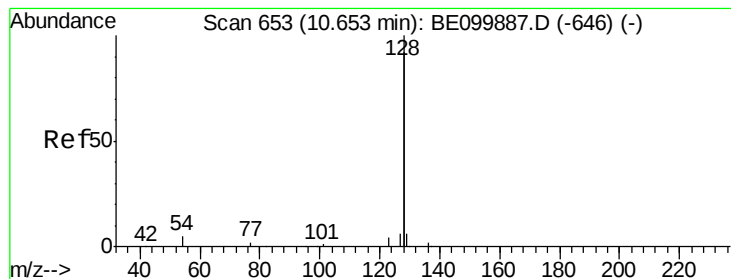


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.399 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

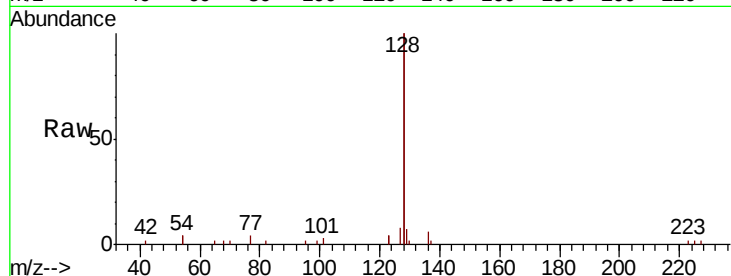
Tgt Ion:128 Resp: 11420

Ion Ratio Lower Upper

128 100

129 3.5 3.0 4.6

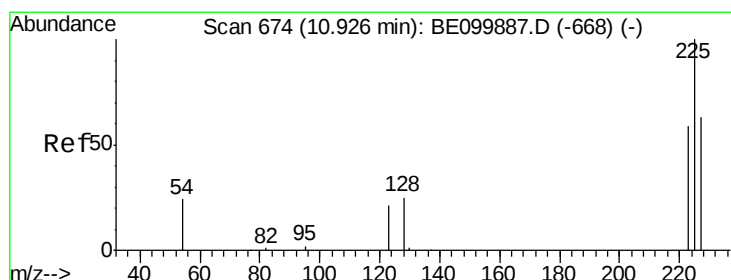
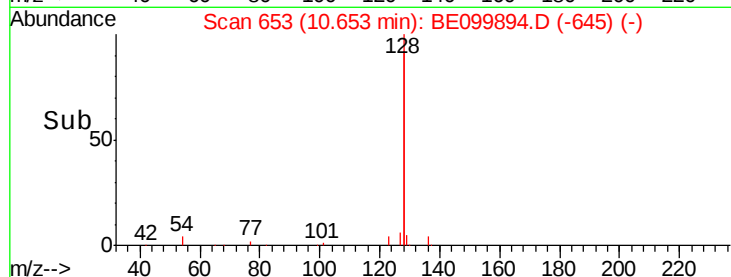
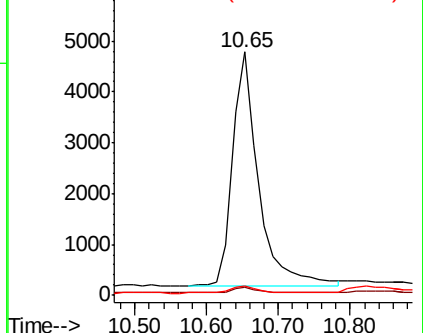
127 4.1 3.4 5.0



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: 0.421 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

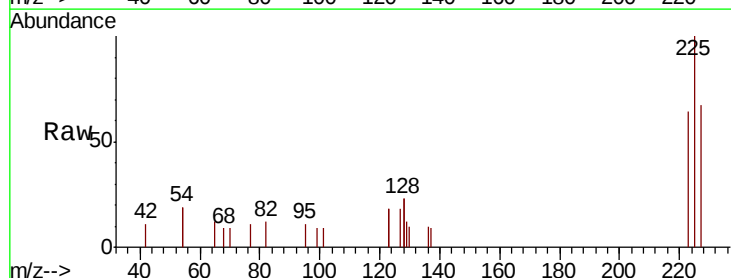
Tgt Ion:225 Resp: 918

Ion Ratio Lower Upper

225 100

223 62.0 51.6 77.4

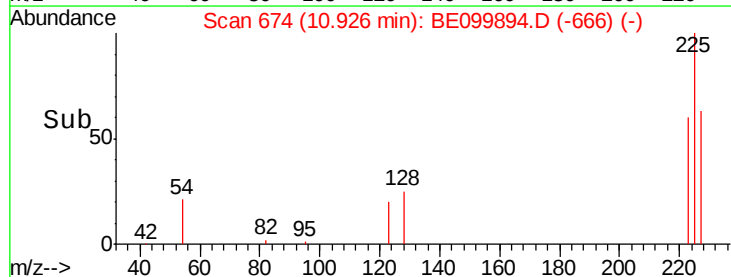
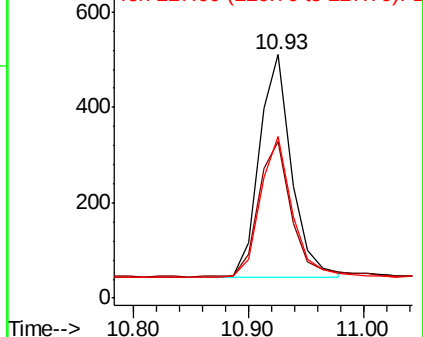
227 62.2 50.6 76.0

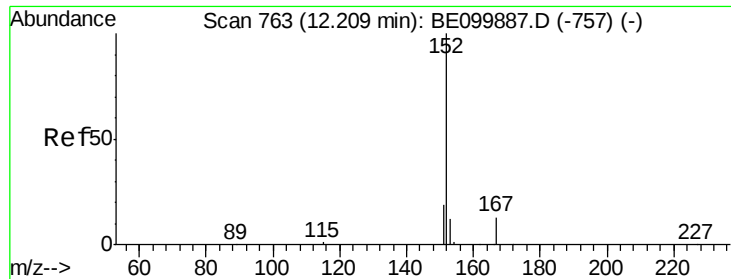


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

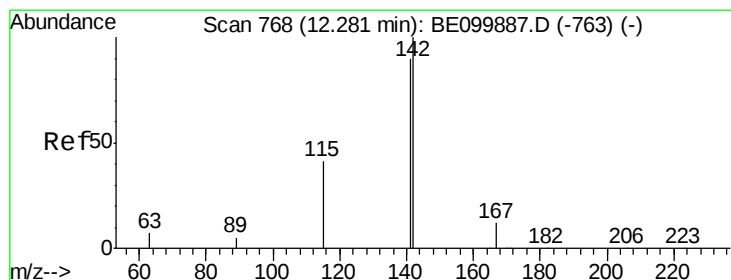
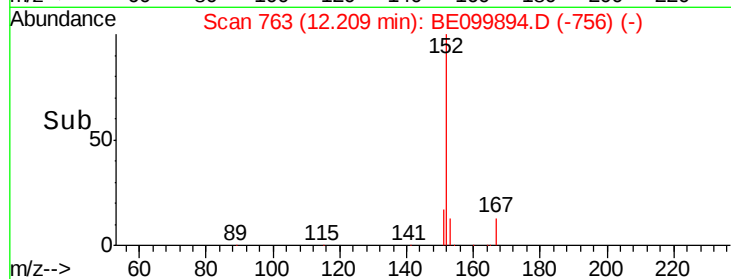
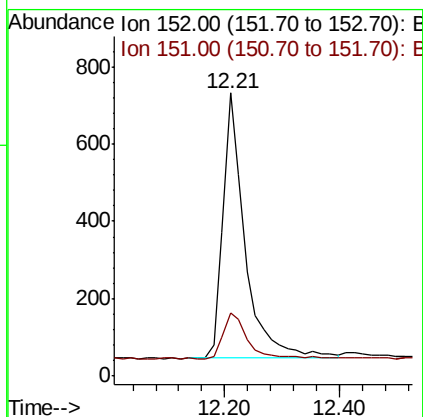
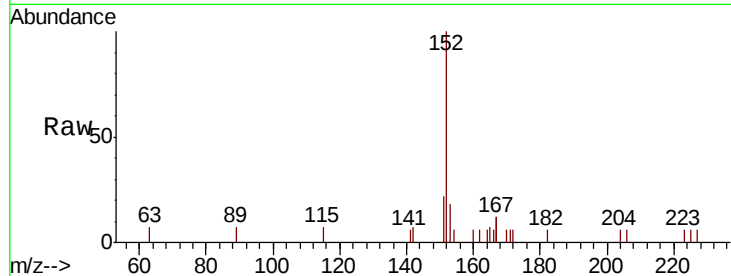




#11
 2-Methylnaphthalene-d10
 Concen: 0.396 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE099894.D
 Acq: 10 Jun 2019 17:26

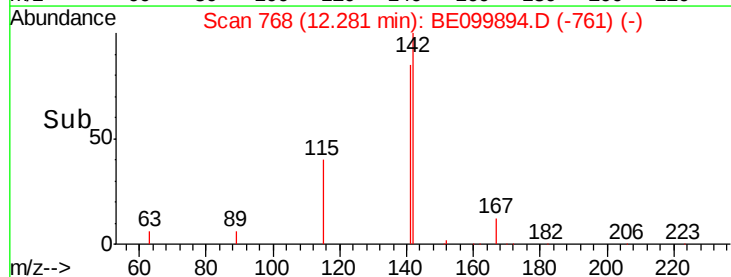
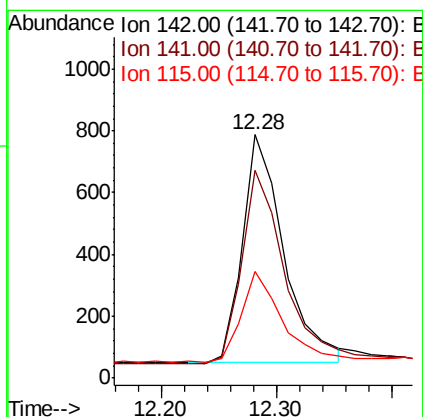
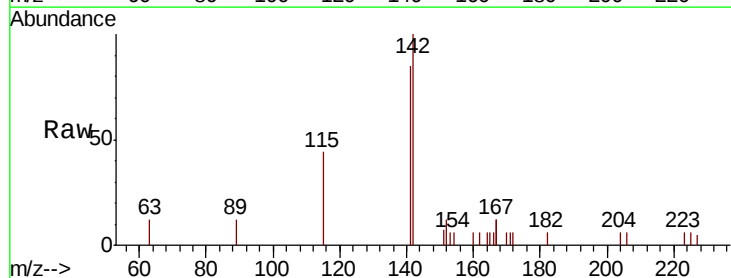
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

Tgt Ion:152 Resp: 1833
 Ion Ratio Lower Upper
 152 100
 151 20.0 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.396 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE099894.D
 Acq: 10 Jun 2019 17:26

Tgt Ion:142 Resp: 1841
 Ion Ratio Lower Upper
 142 100
 141 85.3 72.3 108.5
 115 43.8 36.4 54.6

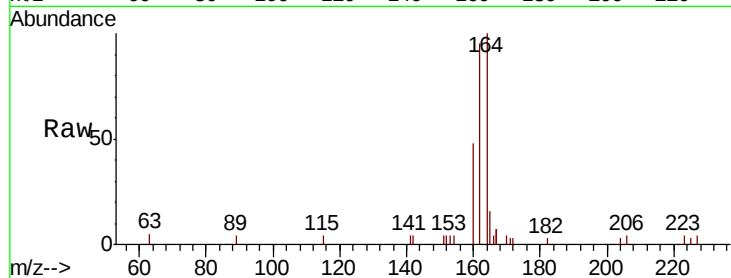




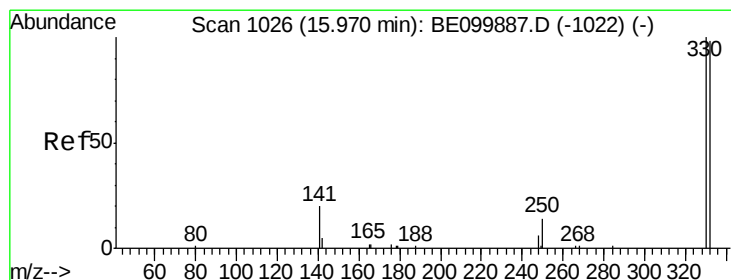
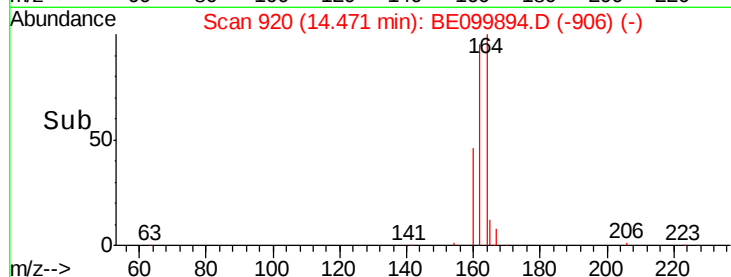
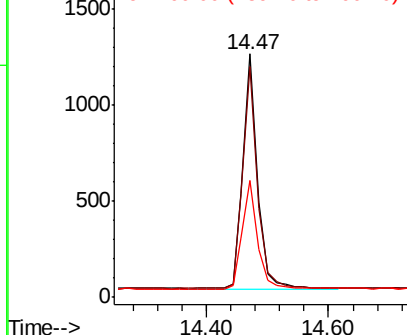
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE099894.D
 Acq: 10 Jun 2019 17:26

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:164 Resp: 2054
 Ion Ratio Lower Upper
 164 100
 162 94.9 77.8 116.8
 160 48.3 38.2 57.4

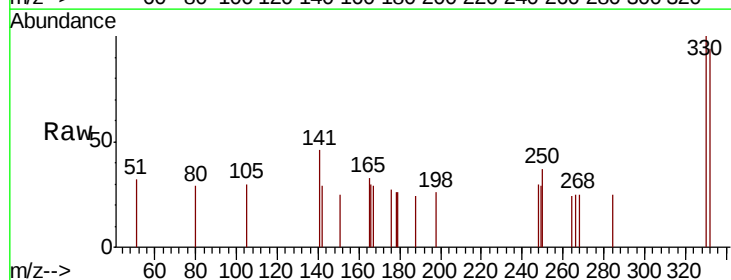


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

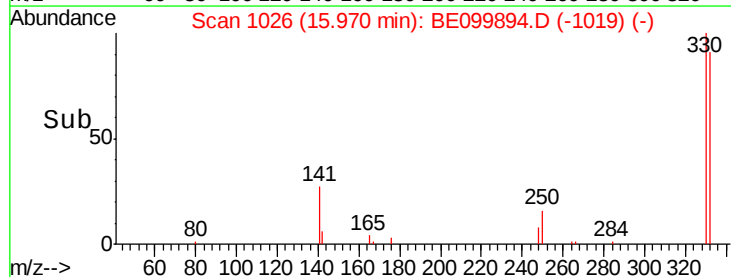
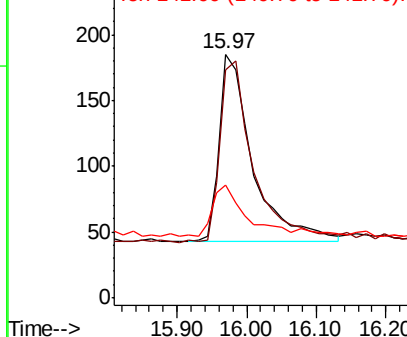


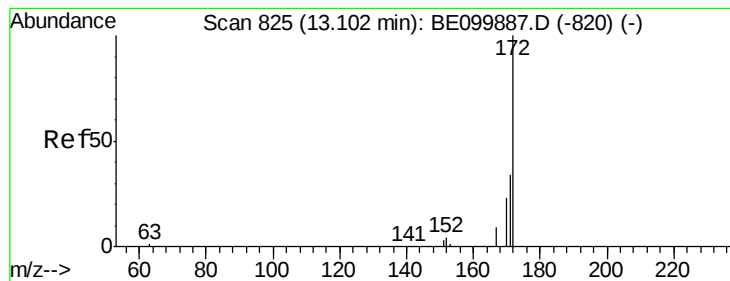
#14
 2,4,6-Tribromophenol
 Concen: 0.310 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE099894.D
 Acq: 10 Jun 2019 17:26

Tgt Ion:330 Resp: 470
 Ion Ratio Lower Upper
 330 100
 332 103.8 76.7 115.1
 141 29.4 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: 0.375 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

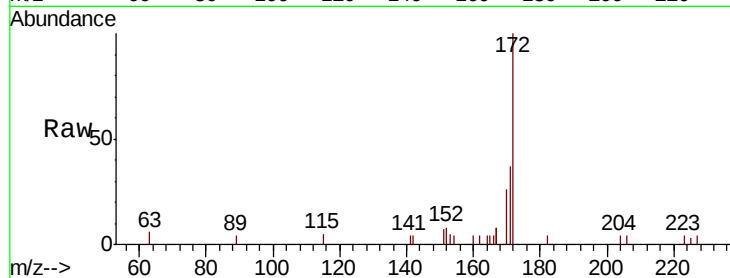
Tgt Ion:172 Resp: 2923

Ion Ratio Lower Upper

172 100

171 37.0 29.2 43.8

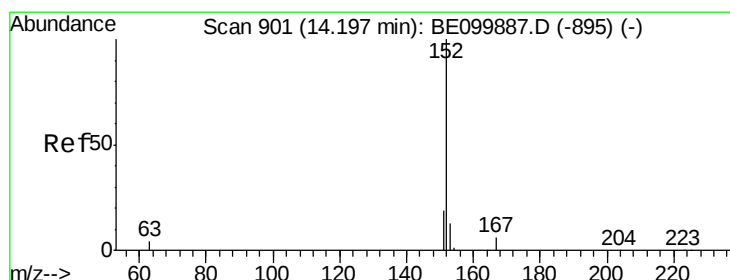
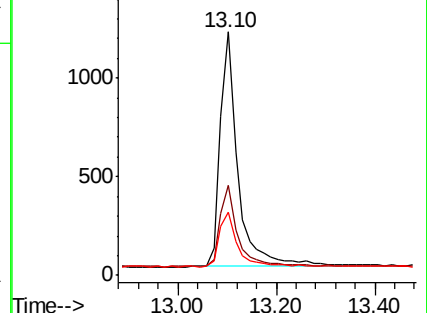
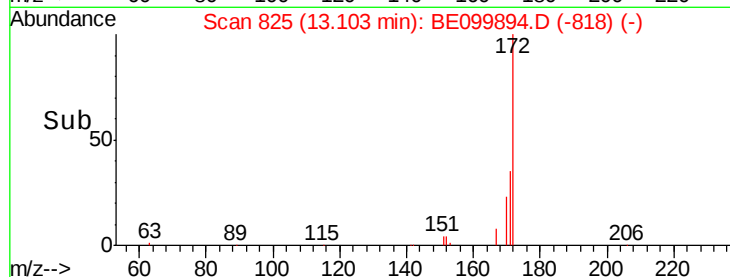
170 26.0 21.2 31.8



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: 0.379 ng

RT: 14.20 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

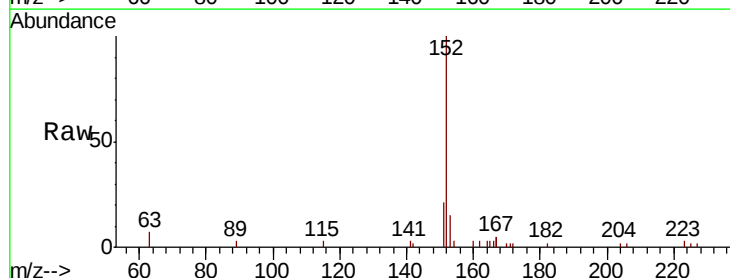
Tgt Ion:152 Resp: 3874

Ion Ratio Lower Upper

152 100

151 20.4 15.5 23.3

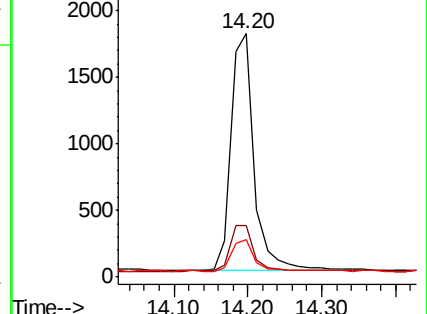
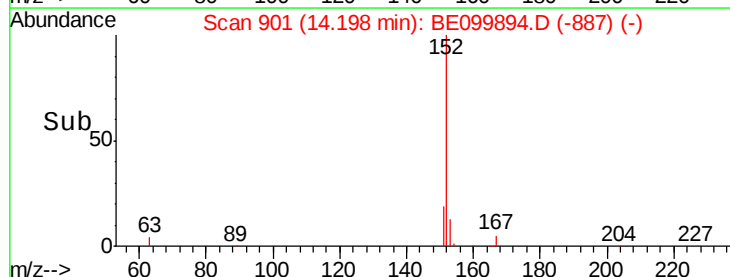
153 13.0 10.2 15.2

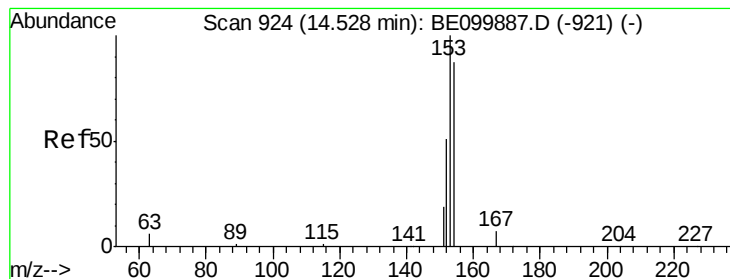


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.384 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

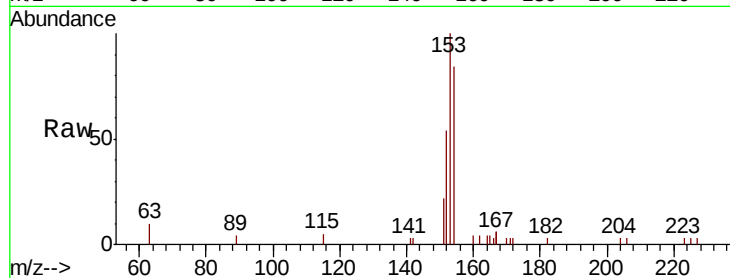
Tgt Ion:154 Resp: 2139

Ion Ratio Lower Upper

154 100

153 114.2 93.1 139.7

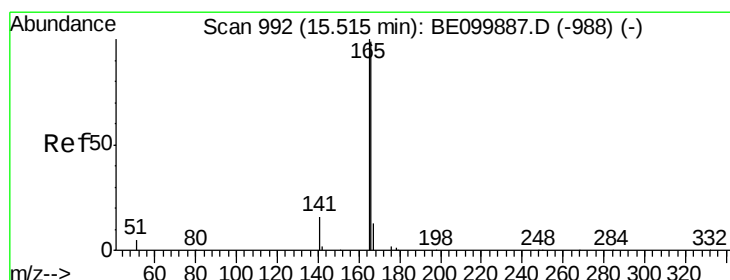
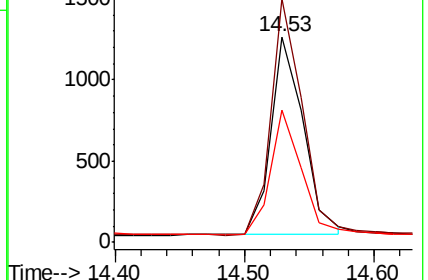
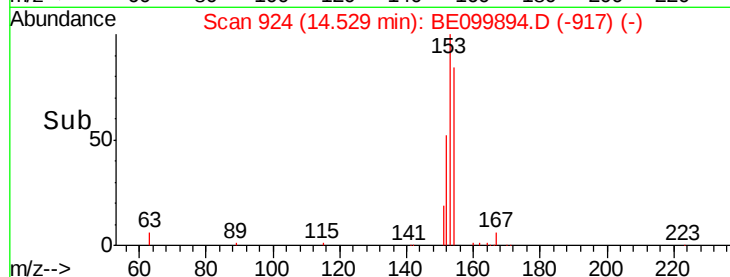
152 58.9 47.0 70.4



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: 0.377 ng

RT: 15.52 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

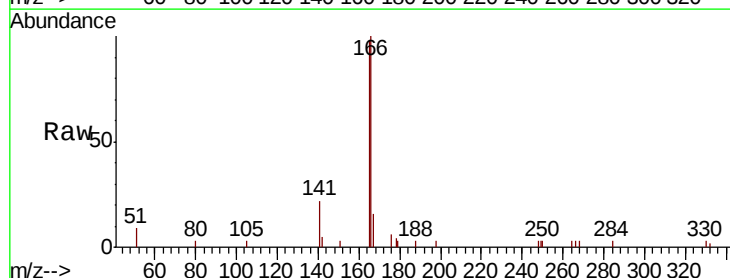
Tgt Ion:166 Resp: 3152

Ion Ratio Lower Upper

166 100

165 102.9 81.8 122.8

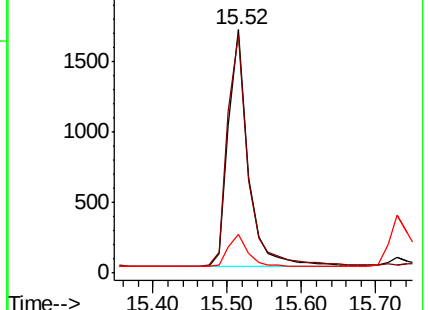
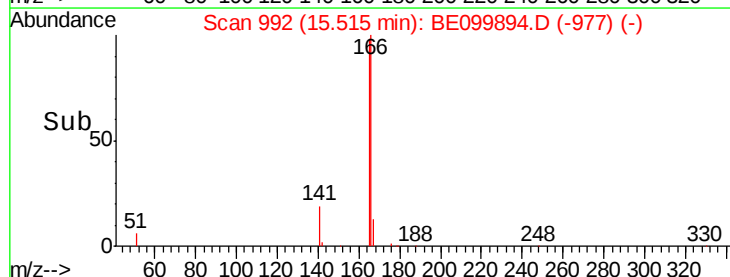
167 14.0 11.2 16.8



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: BE099894.D

Acq: 10 Jun 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

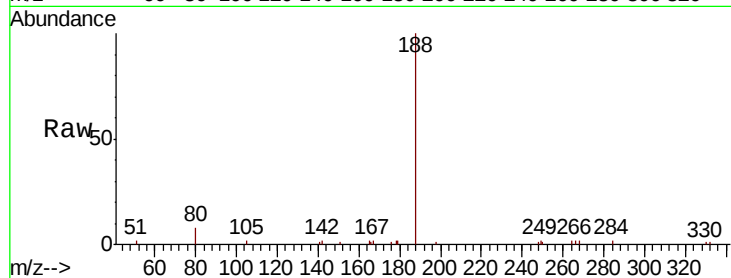
Tgt Ion:188 Resp: 6676

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

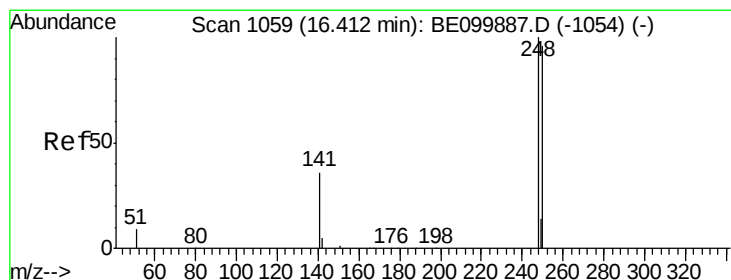
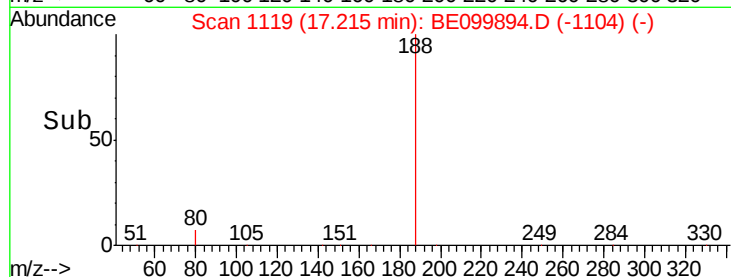
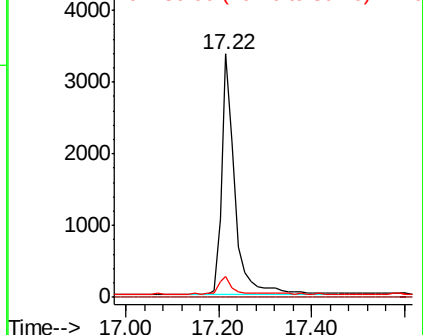
80 8.5 6.4 9.6



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: 0.400 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

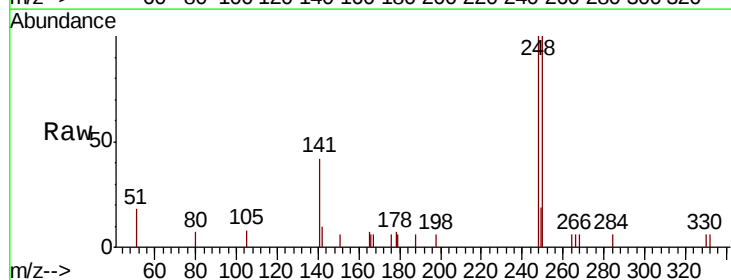
Tgt Ion:248 Resp: 1514

Ion Ratio Lower Upper

248 100

250 100.3 77.5 116.3

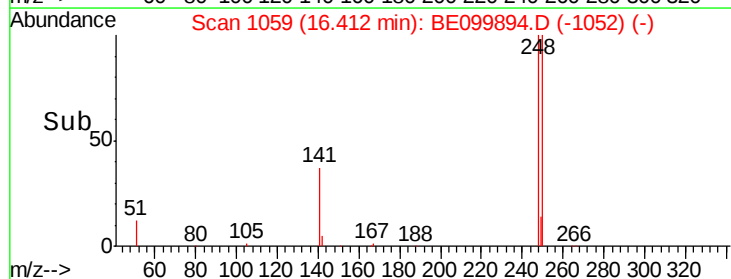
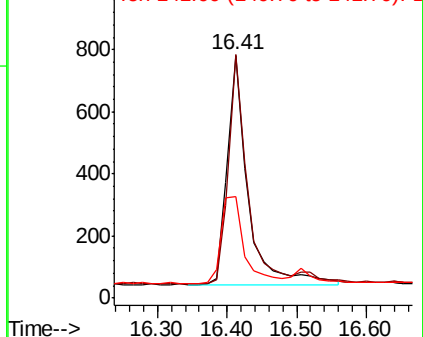
141 41.7 31.8 47.8

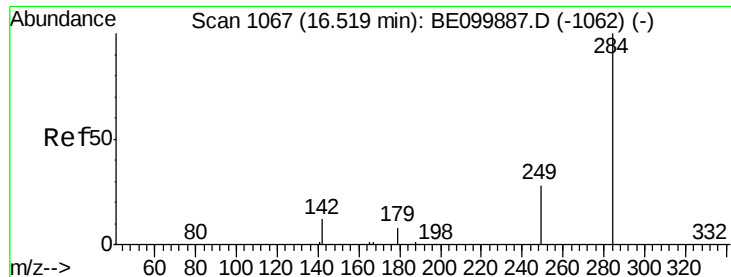


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.376 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

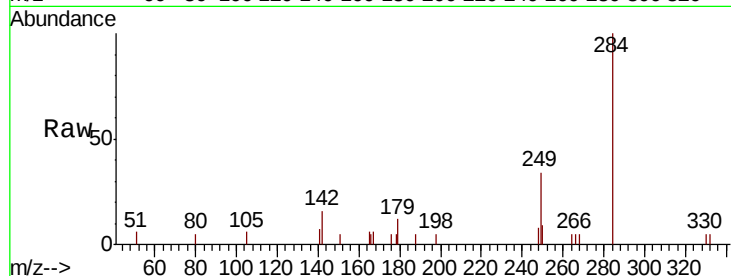
Tgt Ion:284 Resp: 1454

Ion Ratio Lower Upper

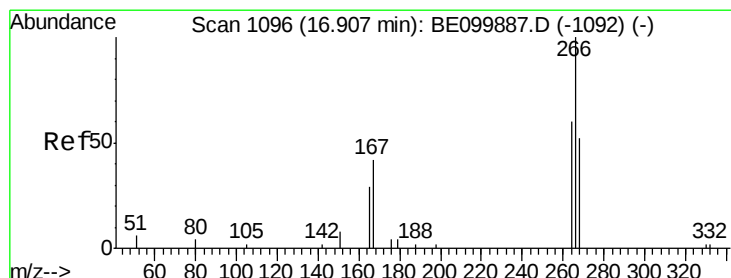
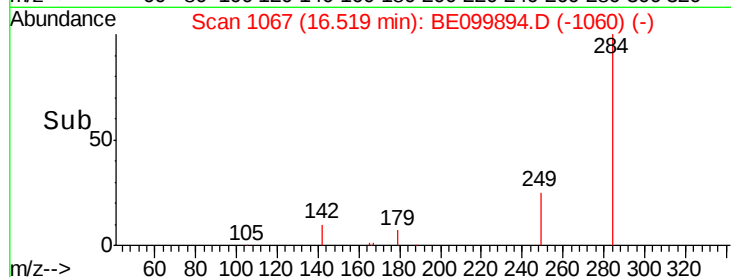
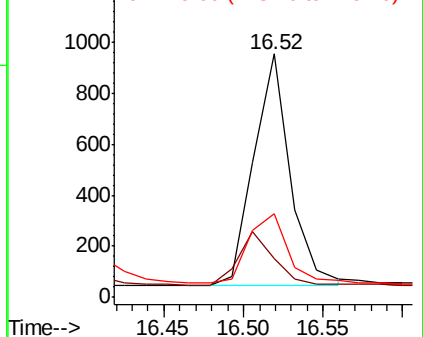
284 100

142 22.9 18.2 27.4

249 32.2 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: 0.477 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.03 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

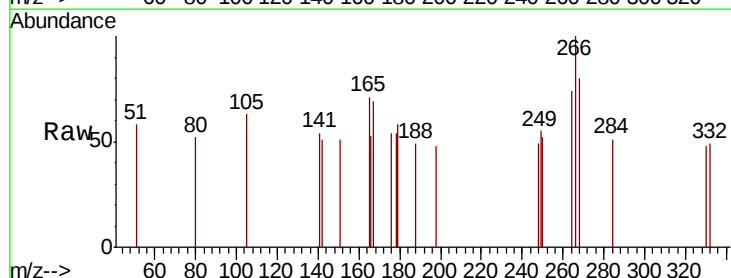
Tgt Ion:266 Resp: 329

Ion Ratio Lower Upper

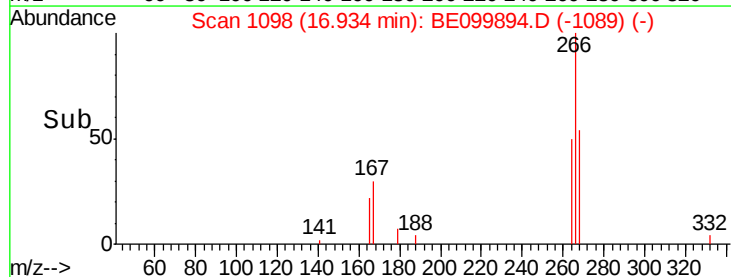
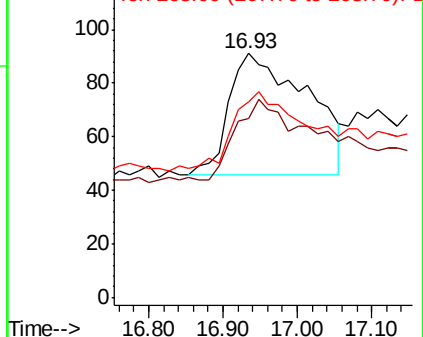
266 100

264 73.6 62.2 93.2

268 80.2 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

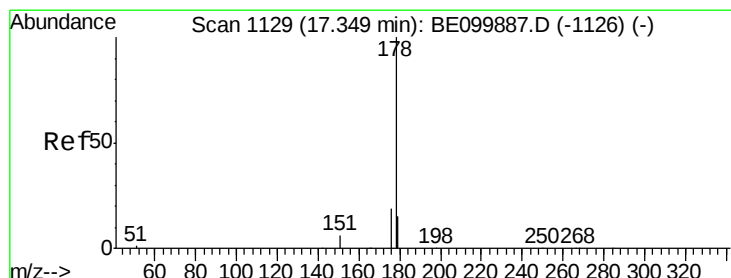
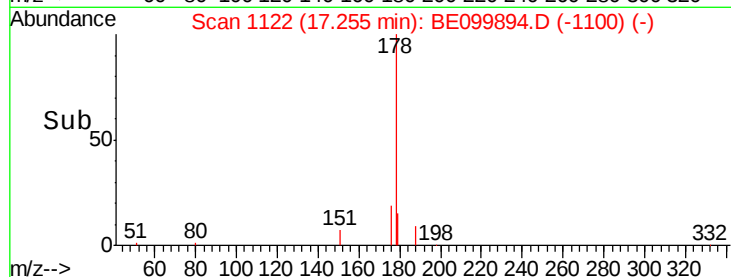
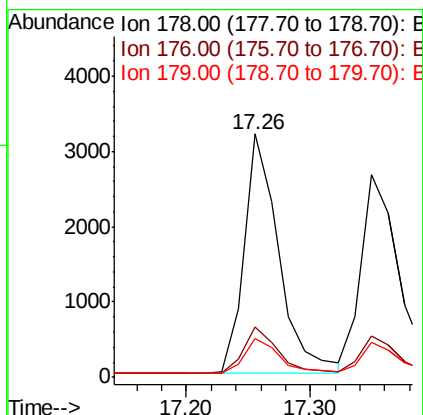
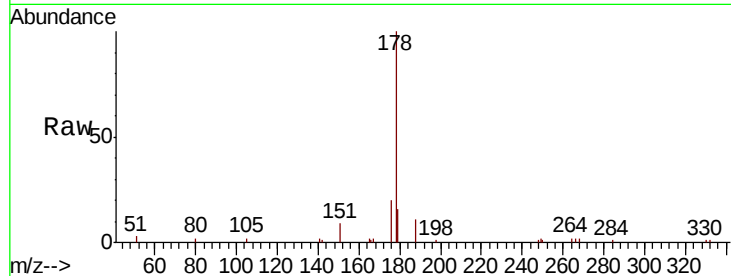




#23
Phenanthrene
Concen: 0.383 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099894.D
Acq: 10 Jun 2019 17:26

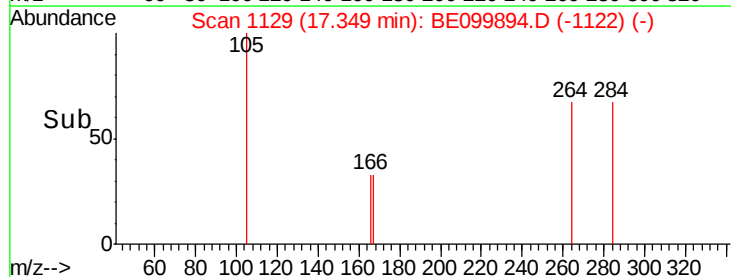
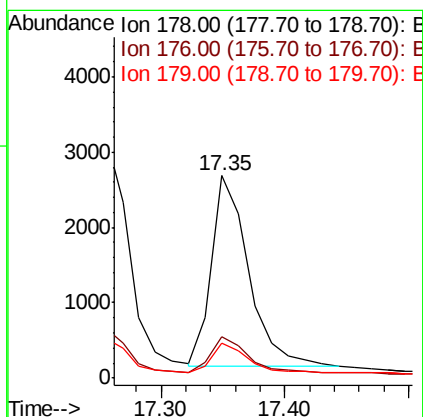
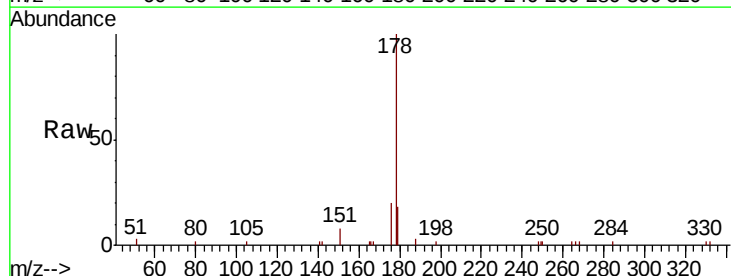
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6207
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.4 12.4 18.6



#24
Anthracene
Concen: 0.353 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099894.D
Acq: 10 Jun 2019 17:26

Tgt Ion:178 Resp: 5239
Ion Ratio Lower Upper
178 100
176 19.0 14.6 22.0
179 15.5 12.3 18.5





#25

Fluoranthene-d10

Concen: 0.372 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

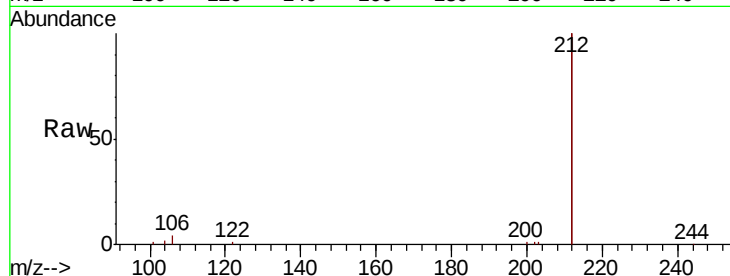
Tgt Ion:212 Resp: 36209

Ion Ratio Lower Upper

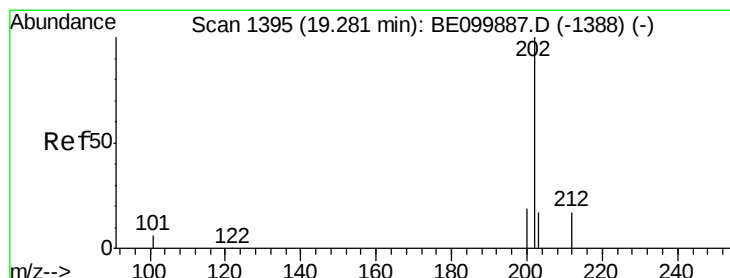
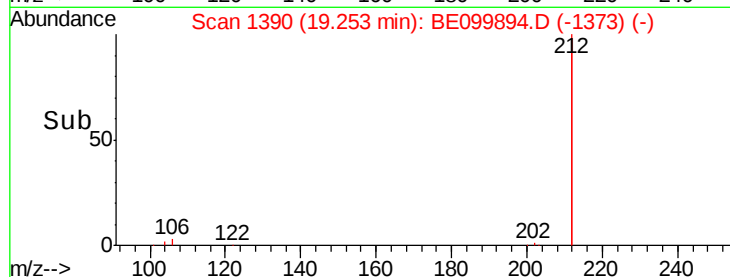
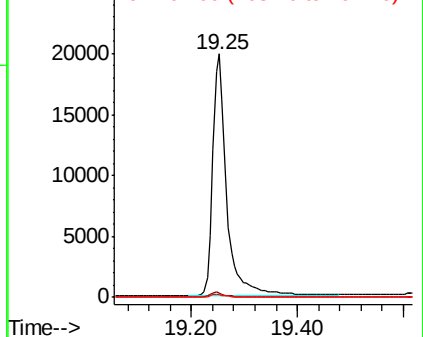
212 100

106 1.8 1.4 2.2

104 1.0 0.9 1.3



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: 0.376 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

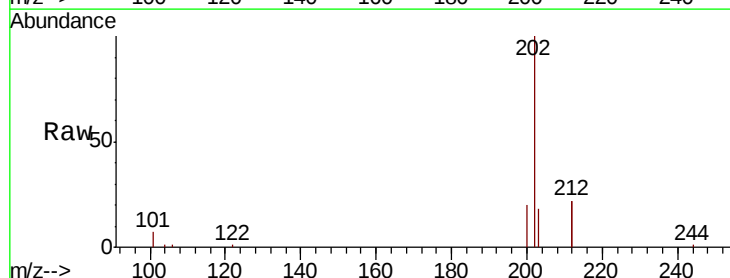
Tgt Ion:202 Resp: 10340

Ion Ratio Lower Upper

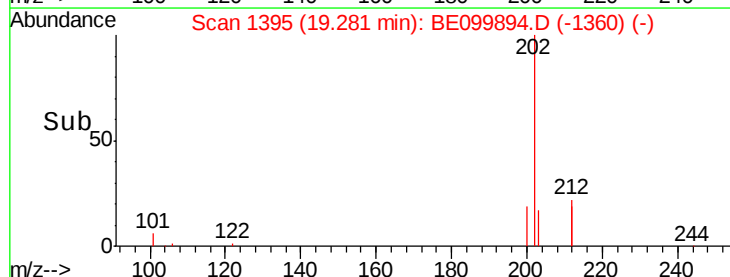
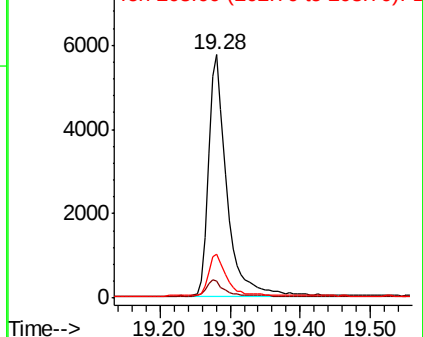
202 100

101 6.5 5.4 8.0

203 16.9 13.2 19.8



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

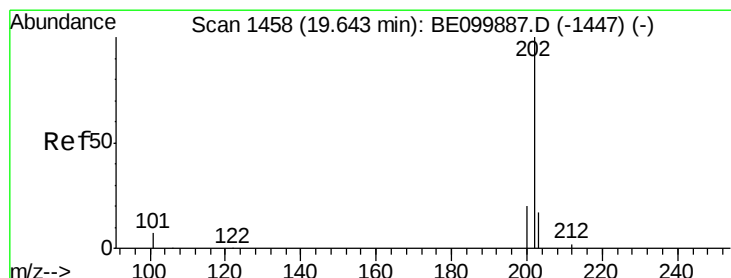
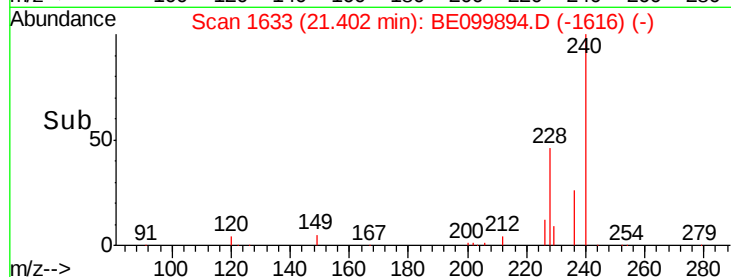
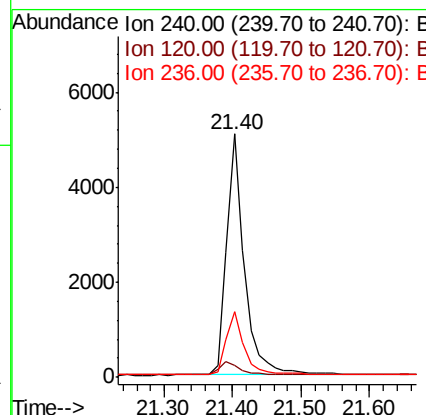
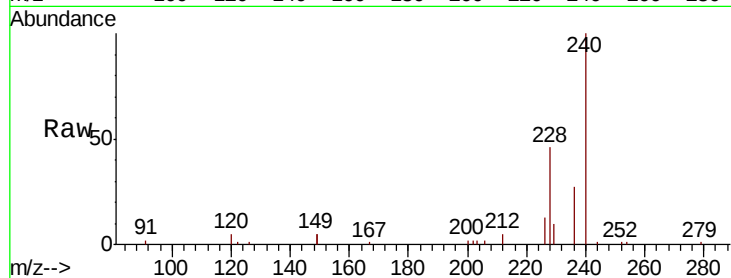




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099894.D
 Acq: 10 Jun 2019 17:26

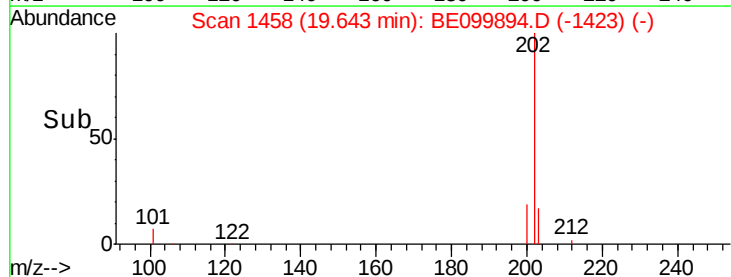
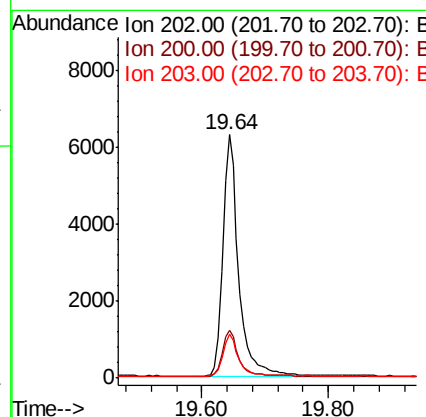
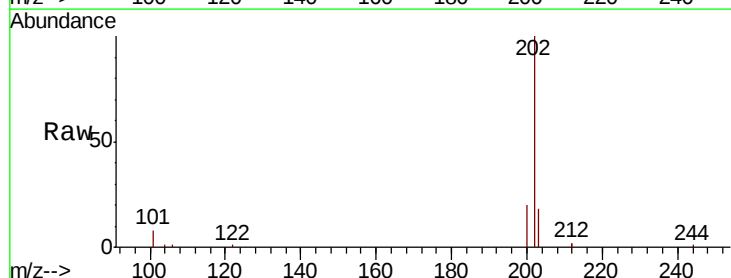
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

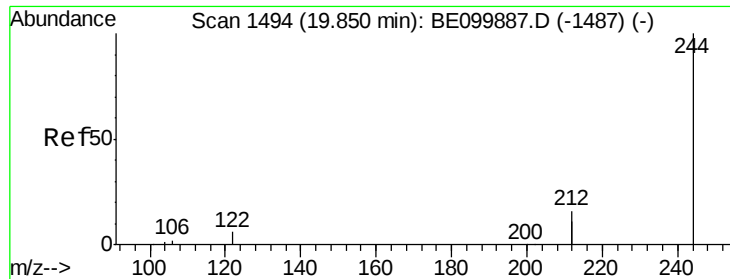
Tgt Ion: 240 Resp: 9213
 Ion Ratio Lower Upper
 240 100
 120 4.8 3.8 5.6
 236 27.1 22.0 33.0



#28
 Pyrene
 Concen: 0.444 ng
 RT: 19.64 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BE099894.D
 Acq: 10 Jun 2019 17:26

Tgt Ion: 202 Resp: 10735
 Ion Ratio Lower Upper
 202 100
 200 19.4 15.5 23.3
 203 17.2 14.0 21.0





#29

Terphenyl-d14

Concen: 0.429 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

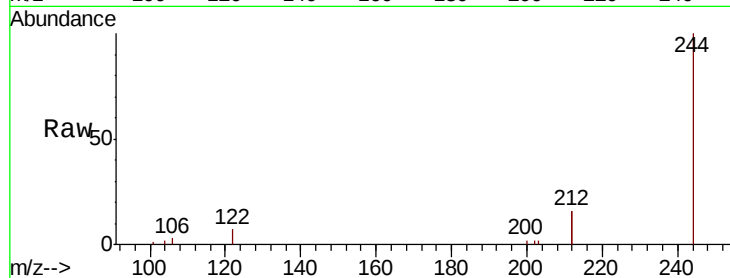
Tgt Ion:244 Resp: 7109

Ion Ratio Lower Upper

244 100

212 32.2 25.7 38.5

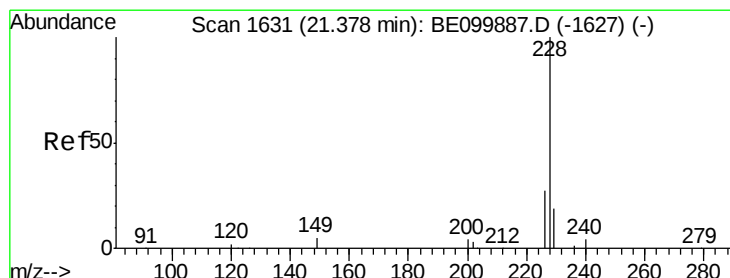
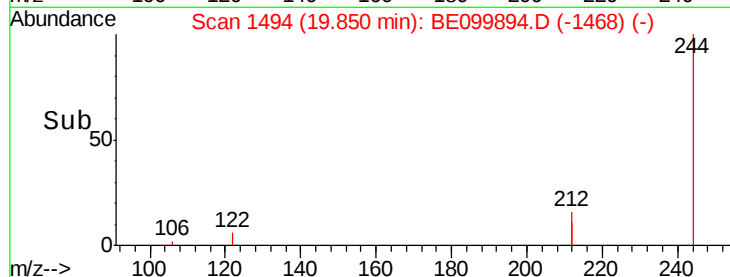
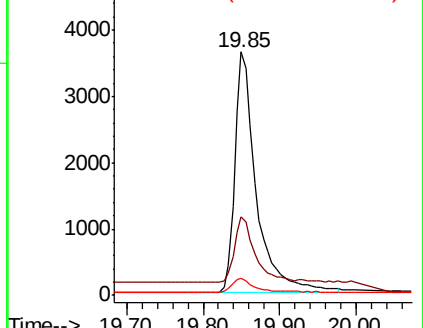
122 7.2 5.5 8.3



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: 0.417 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

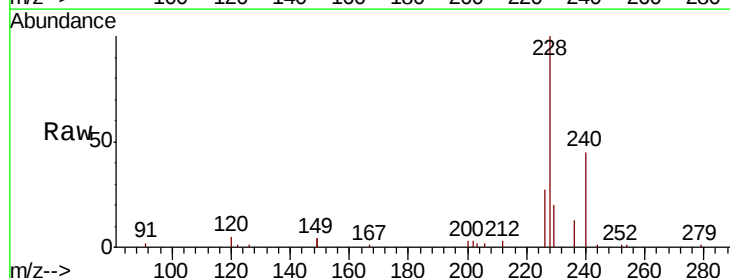
Tgt Ion:228 Resp: 11479

Ion Ratio Lower Upper

228 100

226 26.6 22.5 33.7

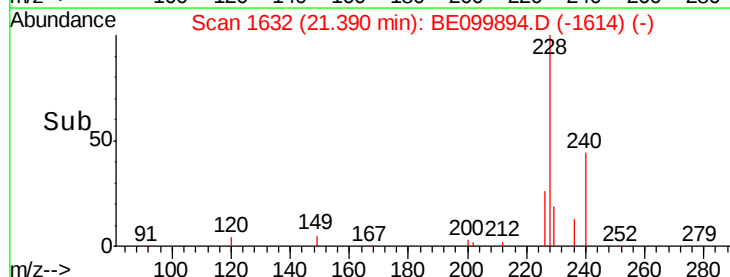
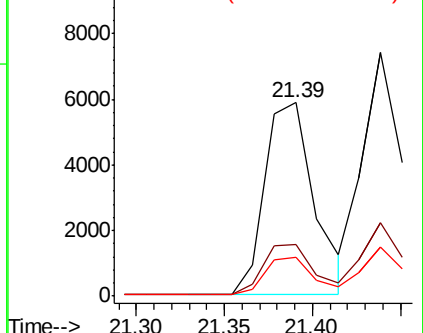
229 20.1 15.9 23.9



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: 0.438 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

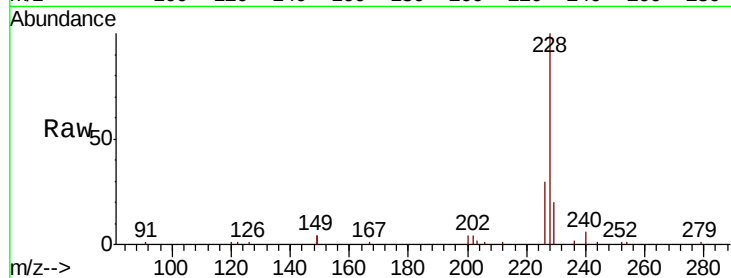
Tgt Ion:228 Resp: 12462

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

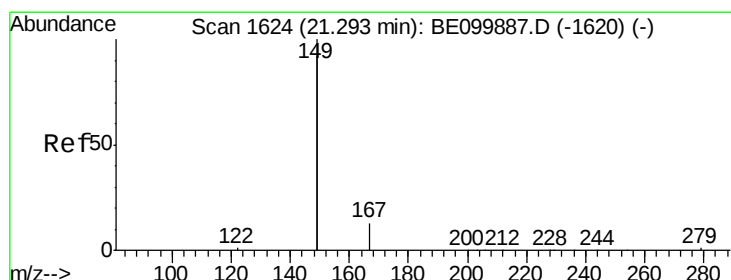
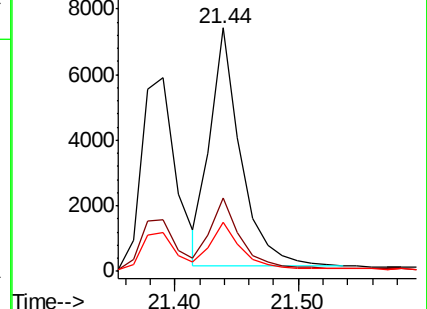
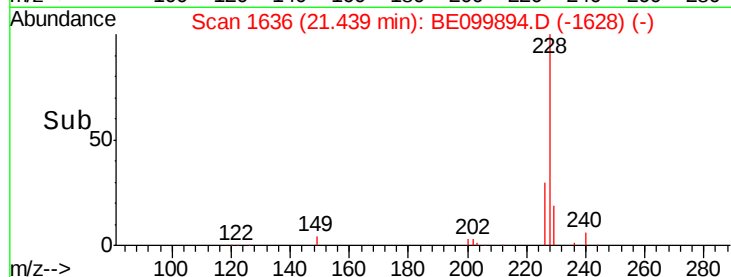
229 19.9 16.1 24.1



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: 0.376 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

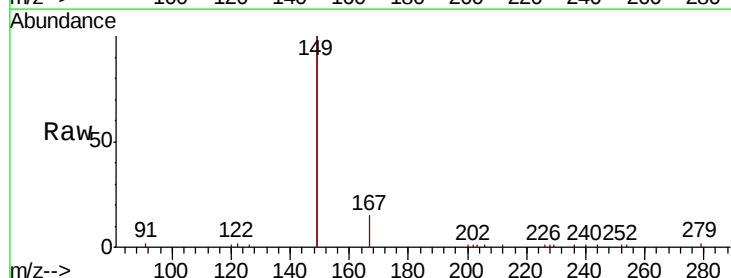
Tgt Ion:149 Resp: 14871

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

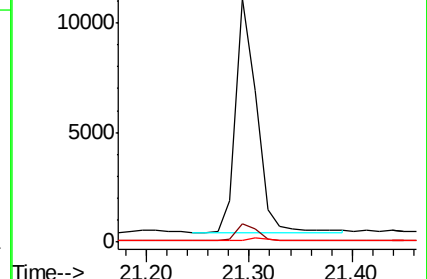
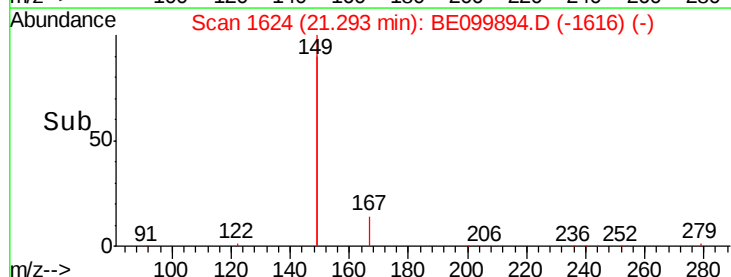
279 1.5 1.2 1.8



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: 26.61 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

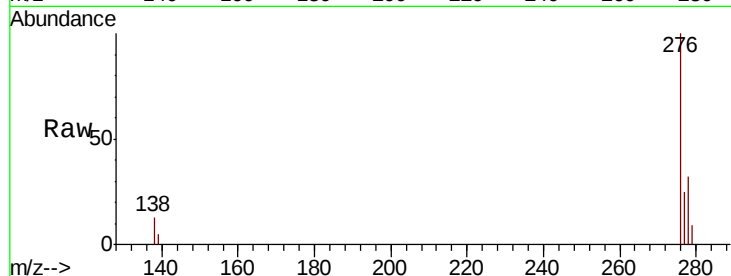
Tgt Ion:276 Resp: 14059

Ion Ratio Lower Upper

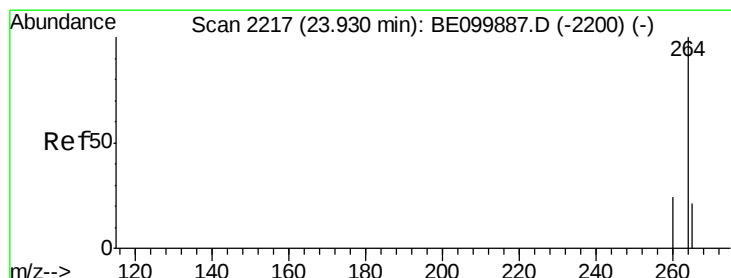
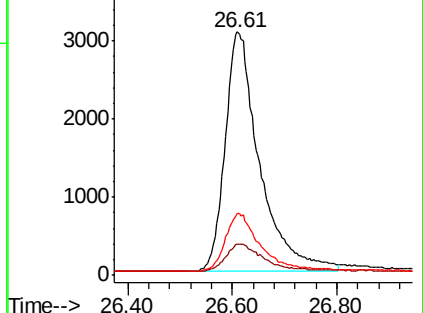
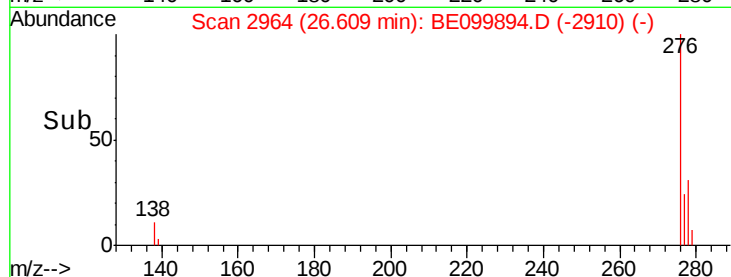
276 100

138 12.5 10.1 15.1

277 24.7 19.1 28.7



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

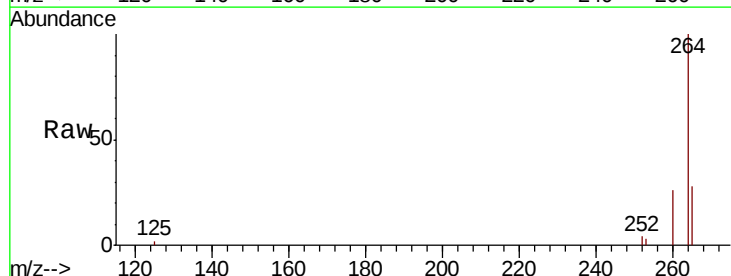
Tgt Ion:264 Resp: 10523

Ion Ratio Lower Upper

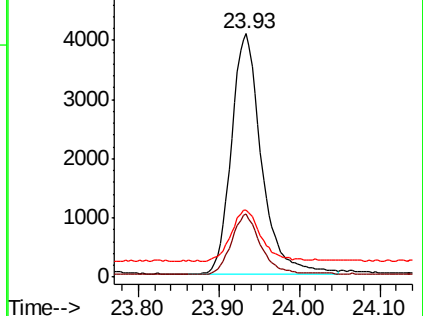
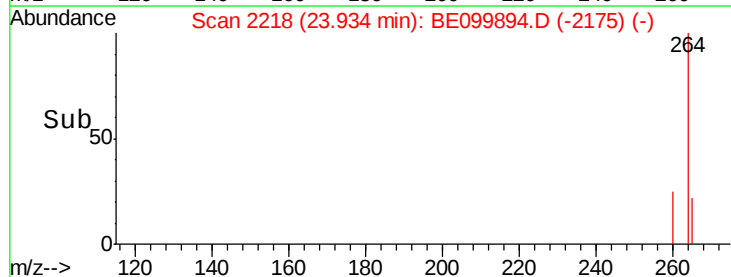
264 100

260 25.9 20.2 30.2

265 27.7 22.0 33.0



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





#35

Benzo(b)fluoranthene

Concen: 0.382 ng

RT: 23.15 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

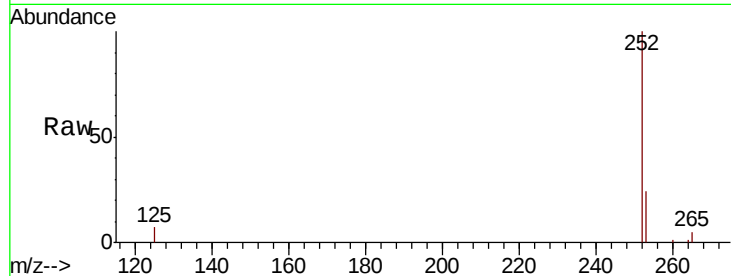
Tgt Ion:252 Resp: 11257

Ion Ratio Lower Upper

252 100

253 23.9 18.7 28.1

125 6.6 5.7 8.5

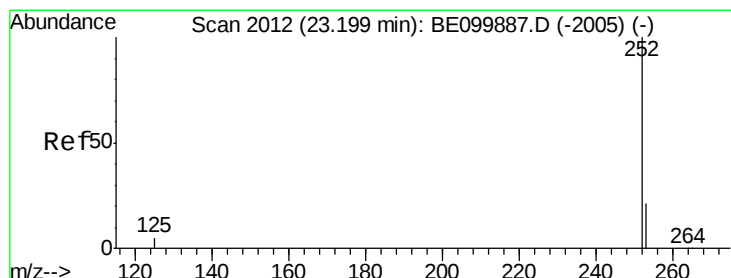
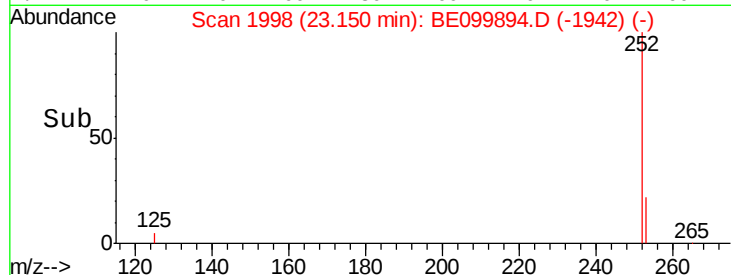
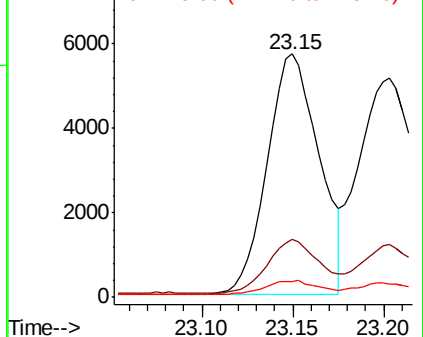


Abundance

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: 0.392 ng

RT: 23.20 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

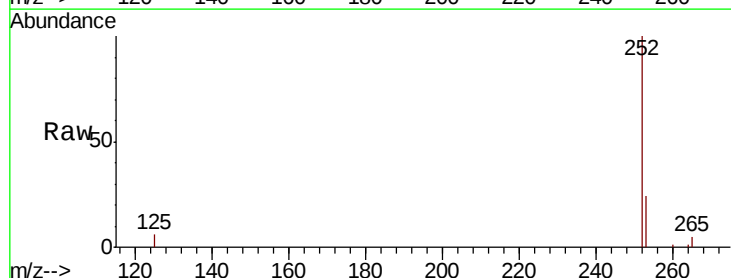
Tgt Ion:252 Resp: 12099

Ion Ratio Lower Upper

252 100

253 23.9 18.6 28.0

125 6.2 5.4 8.0

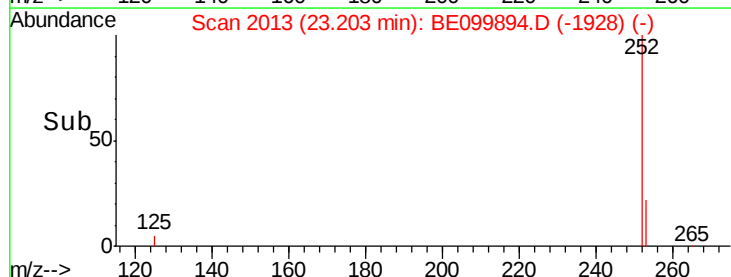
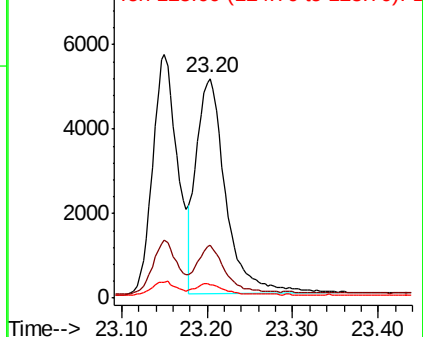


Abundance

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: 0.390 ng

RT: 23.82 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

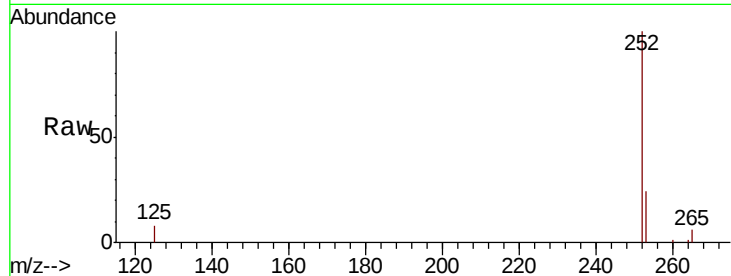
Tgt Ion:252 Resp: 11335

Ion Ratio Lower Upper

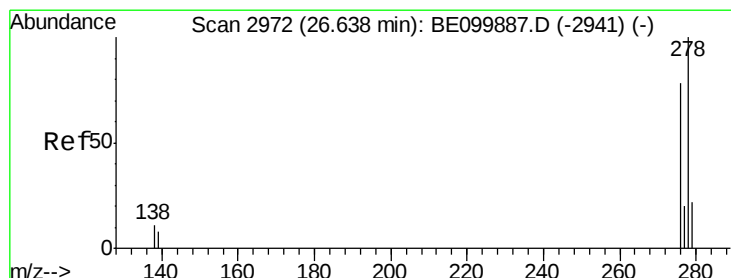
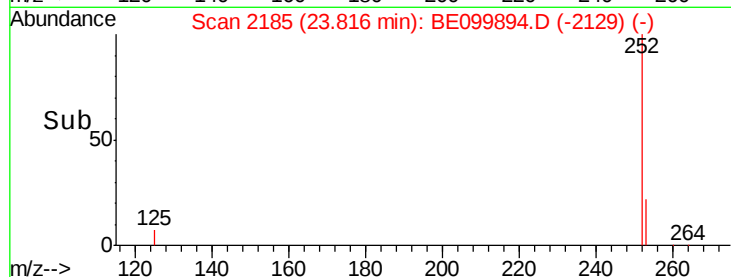
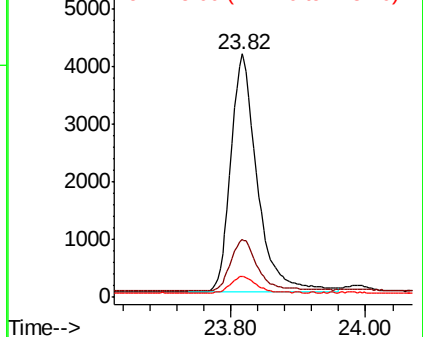
252 100

253 24.0 19.6 29.4

125 8.4 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: 0.380 ng

RT: 26.64 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BE099894.D

Acq: 10 Jun 2019 17:26

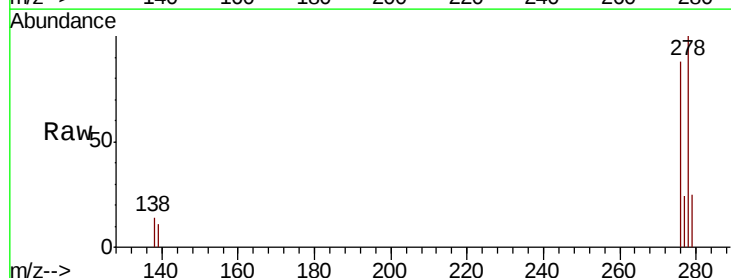
Tgt Ion:278 Resp: 11106

Ion Ratio Lower Upper

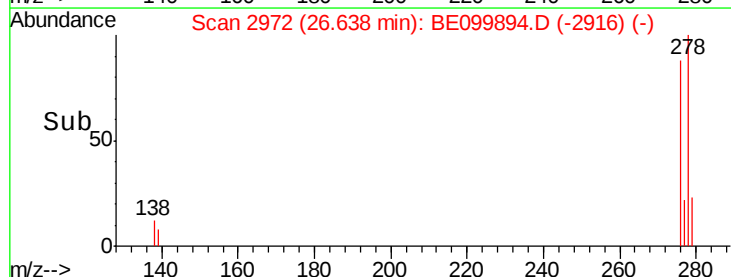
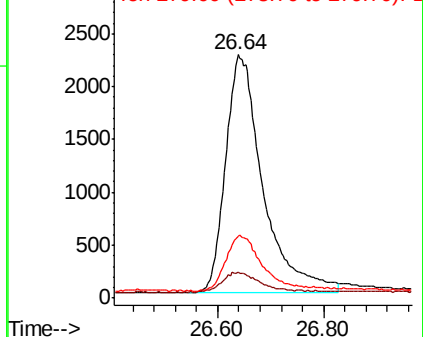
278 100

139 10.7 7.8 11.8

279 25.3 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: 0.398 ng

RT: 27.44 min Scan# 3196

Delta R.T. 0.00 min

Lab File: BE099894.D

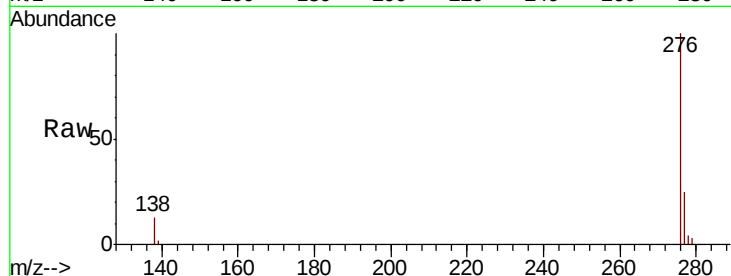
Acq: 10 Jun 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 12024

Ion Ratio Lower Upper

276 100

277 24.8 19.5 29.3

138 12.9 9.5 14.3

