

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052219\
 Data File : BE099728.D
 Acq On : 22 May 2019 19:57
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 23 08:00:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	2299	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	8270	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	5861	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	16564	0.40	ng	0.00
27) Chrysene-d12	21.42	240	25785	0.40	ng	0.00
34) Perylene-d12	23.95	264	29645	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2394	0.41	ng	0.00
5) Phenol-d6	6.97	99	3115	0.41	ng	0.00
8) Nitrobenzene-d5	8.96	82	2858	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	5369	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	1491	0.46	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	8279	0.37	ng	0.00
25) Fluoranthene-d10	19.26	212	84785	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	17524	0.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1062	0.312	ng	89
3) n-Nitrosodimethylamine	3.62	42	538	0.286	ng	# 1
6) bis(2-Chloroethyl)ether	7.23	93	2469	0.361	ng	96
9) Naphthalene	10.67	128	33671	0.381	ng	100
10) Hexachlorobutadiene	10.94	225	2496	0.383	ng	99
12) 2-Methylnaphthalene	12.30	142	5496	0.381	ng	98
16) Acenaphthylene	14.20	152	10558	0.387	ng	99
17) Acenaphthene	14.54	154	5899	0.385	ng	99
18) Fluorene	15.53	166	8291	0.367	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	3700	0.387	ng	# 95
21) Hexachlorobenzene	16.53	284	3802	0.389	ng	99
22) Pentachlorophenol	16.89	266	1544	0.676	ng	88
23) Phenanthrene	17.27	178	15653	0.387	ng	99
24) Anthracene	17.36	178	14295	0.389	ng	99
26) Fluoranthene	19.29	202	24376	0.381	ng	99
28) Pyrene	19.66	202	25666	0.396	ng	99
30) Benzo(a)anthracene	21.39	228	31788	0.434	ng	99
31) Chrysene	21.45	228	31471	0.402	ng	98
32) Bis(2-ethylhexyl)phthalate	21.31	149	45289	0.536	ng	99
33) Indeno(1,2,3-cd)pyrene	26.65	276	37913	0.401	ng	98
35) Benzo(b)fluoranthene	23.22	252	29941	0.369	ng	99
36) Benzo(k)fluoranthene	23.22	252	29941	0.354	ng	100
37) Benzo(a)pyrene	23.84	252	29941	0.383	ng	# 97
38) Dibenzo(a,h)anthracene	26.67	278	31281	0.381	ng	# 97
39) Benzo(g,h,i)perylene	27.48	276	30533	0.368	ng	99

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

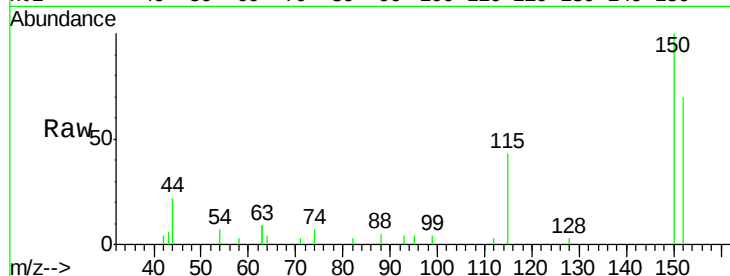


#1

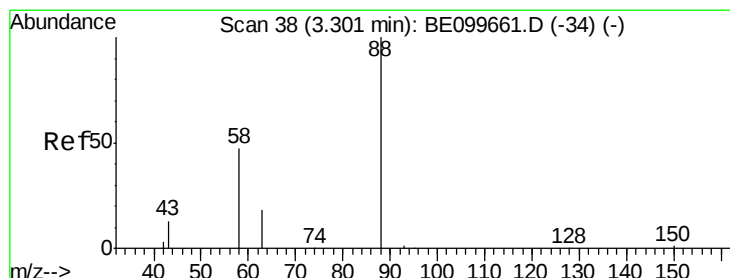
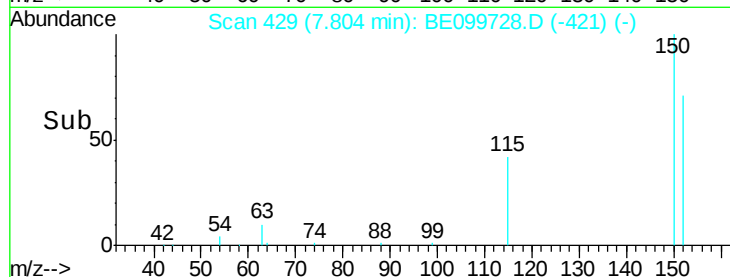
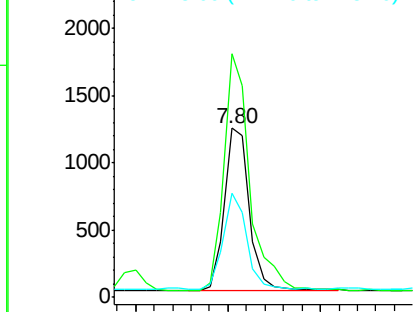
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 2299
Ion Ratio Lower Upper
152 100
150 143.8 109.2 163.8
115 61.8 43.7 65.5



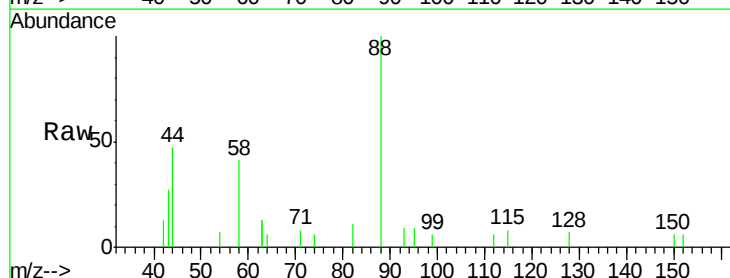
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



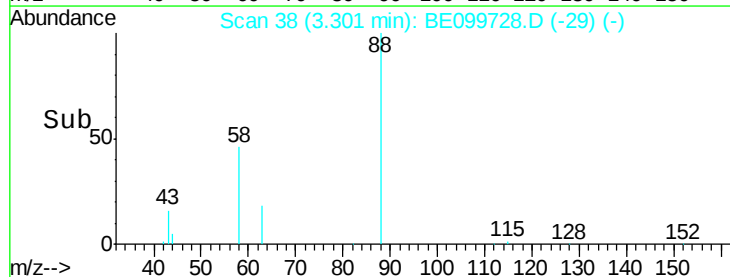
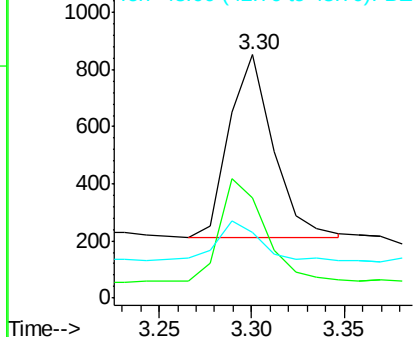
#2

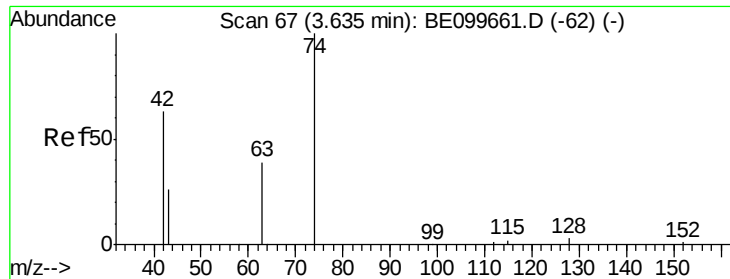
1,4-Dioxane
Concen: 0.312 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE099728.D
Acq: 22 May 2019 19:57

Tgt Ion: 88 Resp: 1062
Ion Ratio Lower Upper
88 100
58 60.6 41.8 62.8
43 22.0 15.0 22.4



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.286 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.01 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

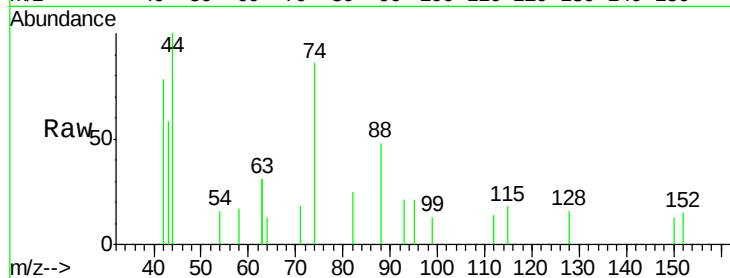
Tgt Ion: 42 Resp: 538

Ion Ratio Lower Upper

42 100

74 0.0 129.2 193.8#

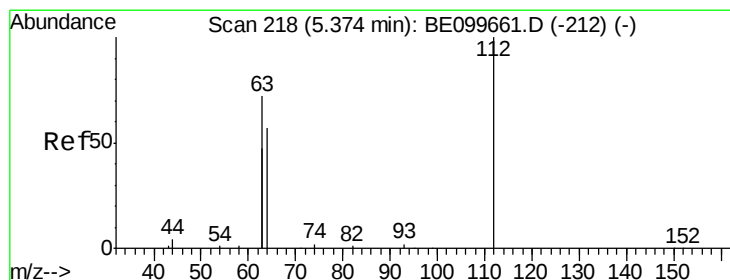
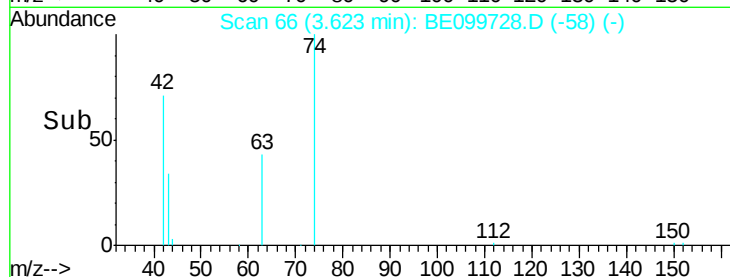
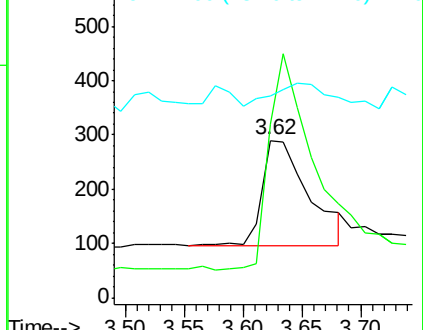
44 0.0 0.0 0.0



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: 0.412 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

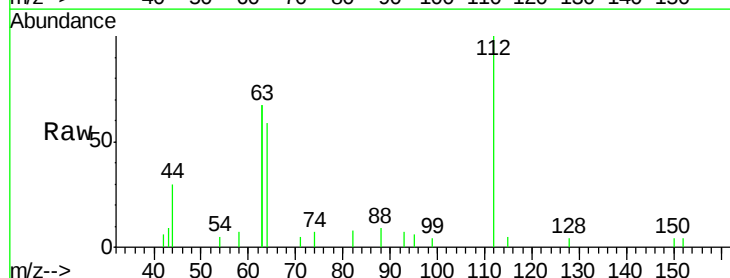
Tgt Ion: 112 Resp: 2394

Ion Ratio Lower Upper

112 100

64 52.5 43.4 65.2

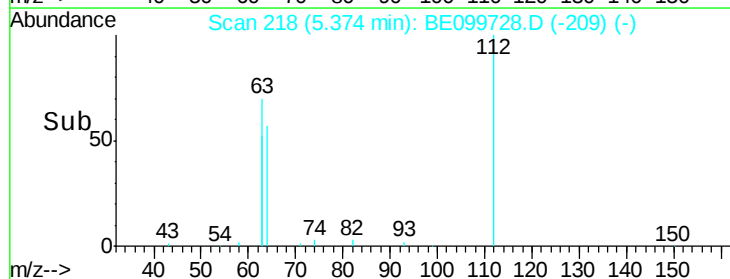
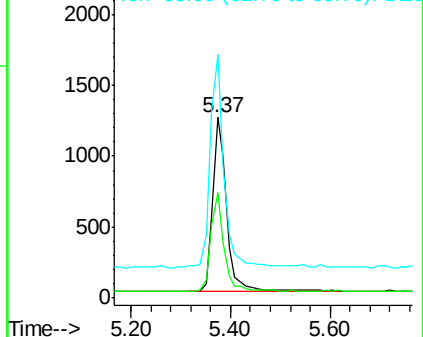
63 116.6 96.9 145.3

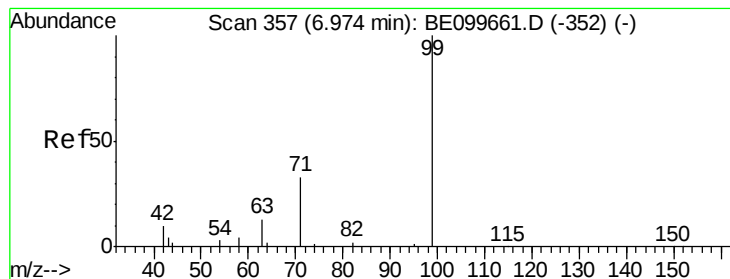


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.405 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

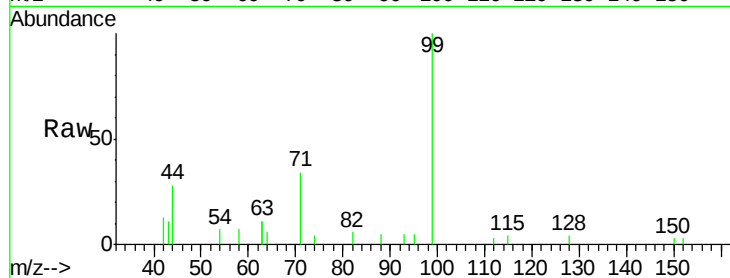
Tgt Ion: 99 Resp: 3115

Ion Ratio Lower Upper

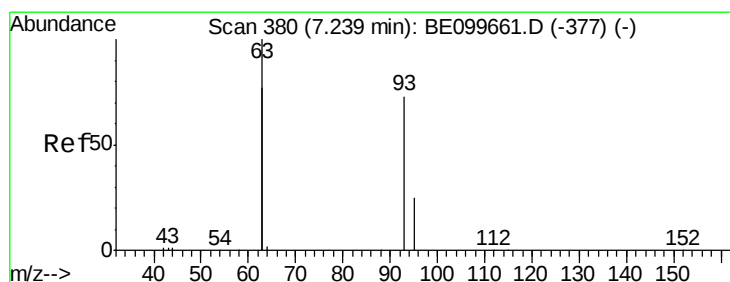
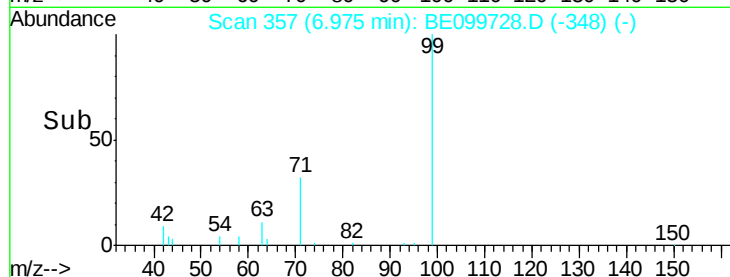
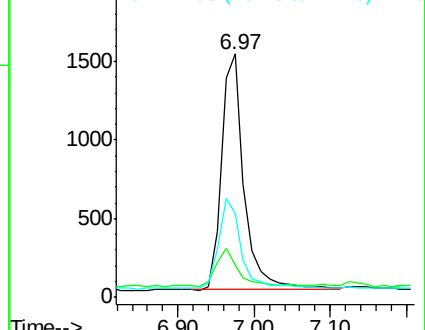
99 100

42 15.6 12.2 18.2

71 38.5 28.9 43.3



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: 0.361 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

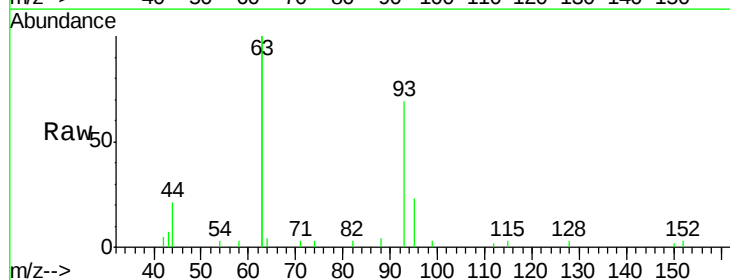
Tgt Ion: 93 Resp: 2469

Ion Ratio Lower Upper

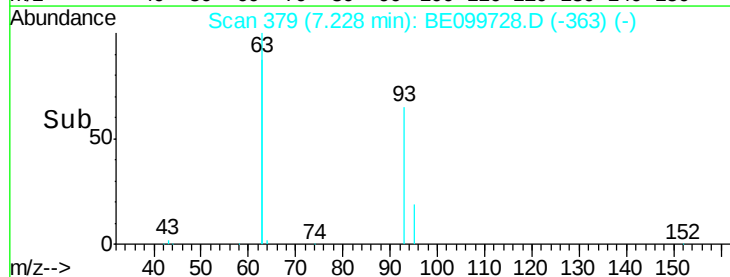
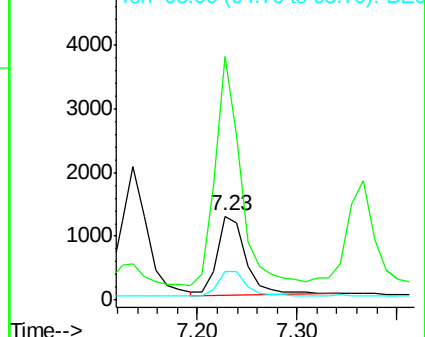
93 100

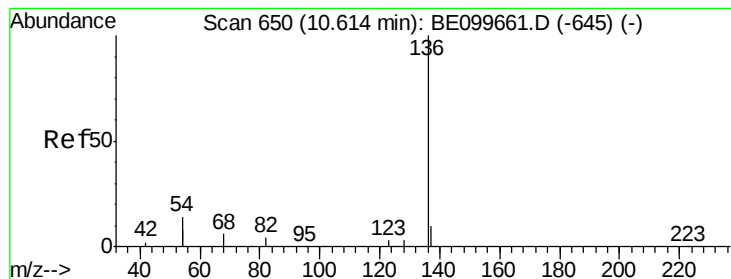
63 252.6 207.8 311.6

95 32.7 25.9 38.9



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: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 8270

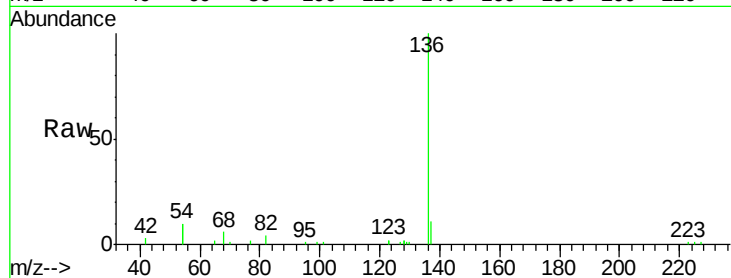
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 20.8 22.3 33.5#

68 6.0 6.0 9.0

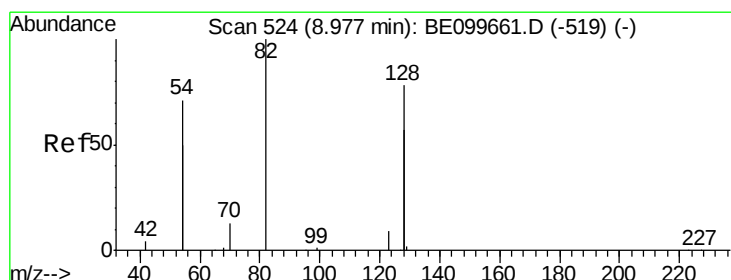
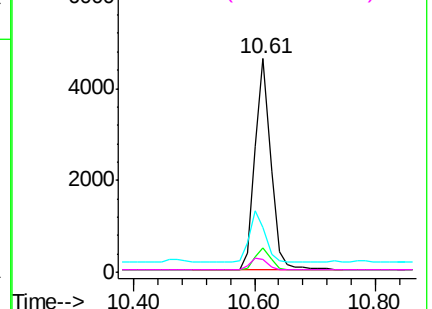
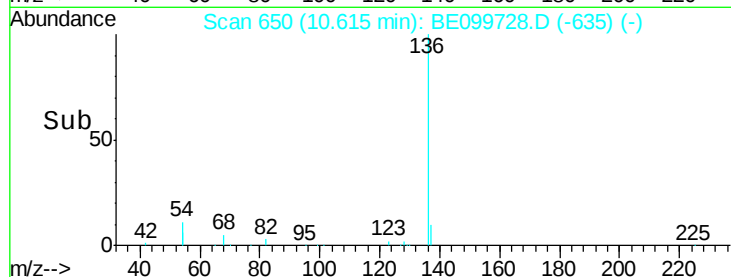


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.399 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

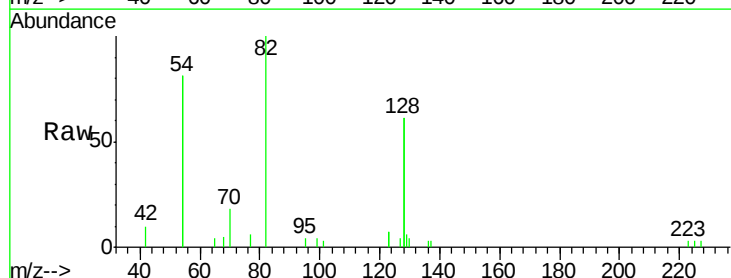
Tgt Ion: 82 Resp: 2858

Ion Ratio Lower Upper

82 100

128 122.7 117.7 176.5

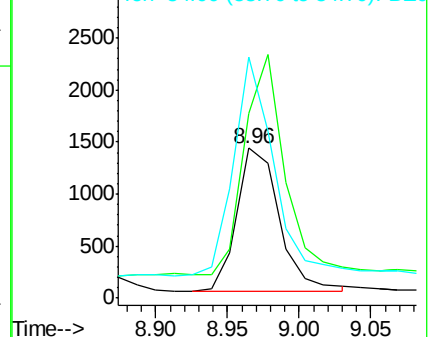
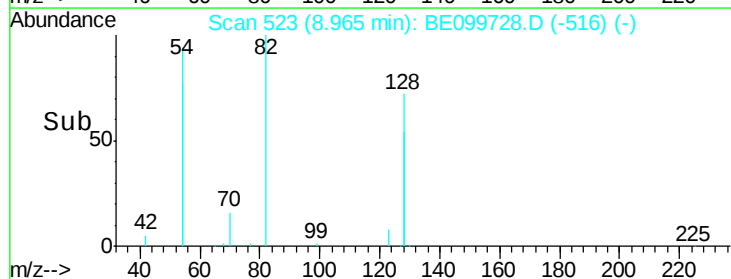
54 161.0 106.6 160.0#

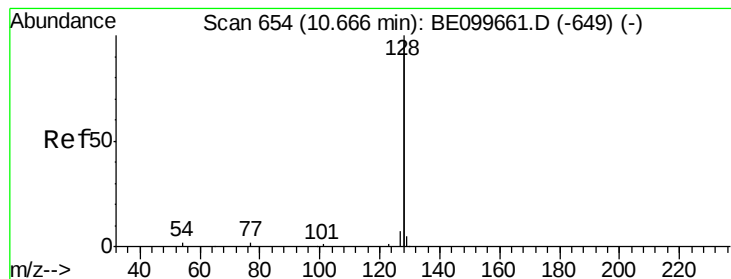


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.381 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

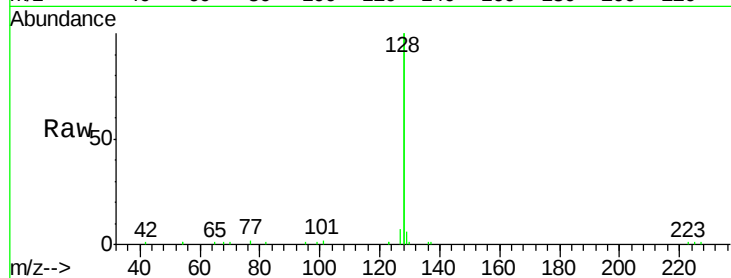
Tgt Ion:128 Resp: 33671

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

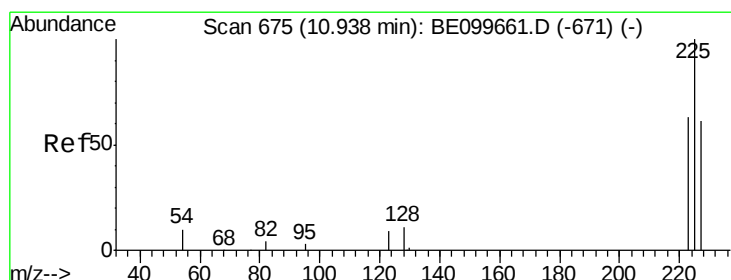
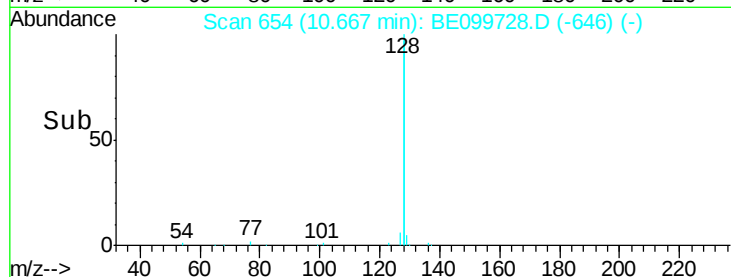
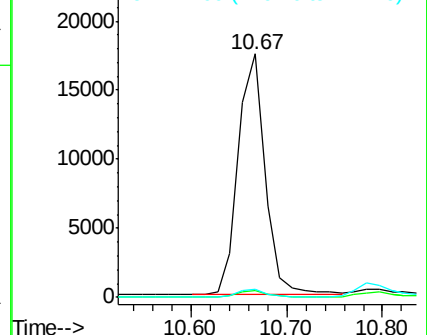
127 3.5 2.9 4.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.383 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

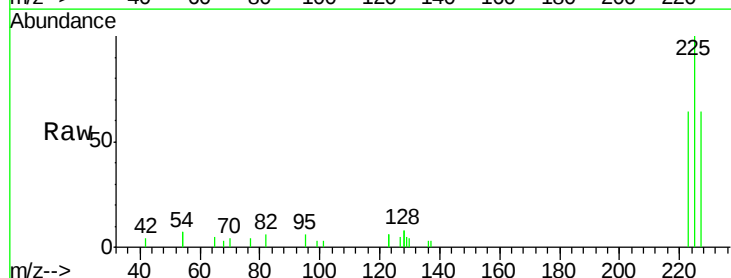
Tgt Ion:225 Resp: 2496

Ion Ratio Lower Upper

225 100

223 64.3 51.8 77.6

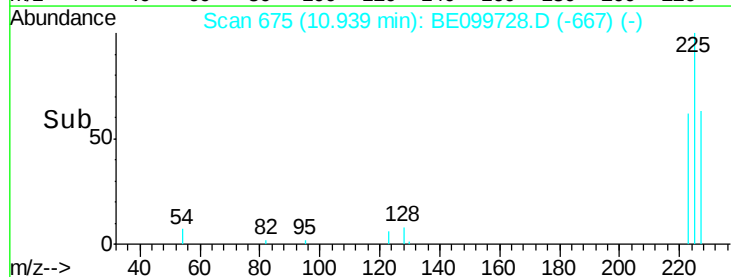
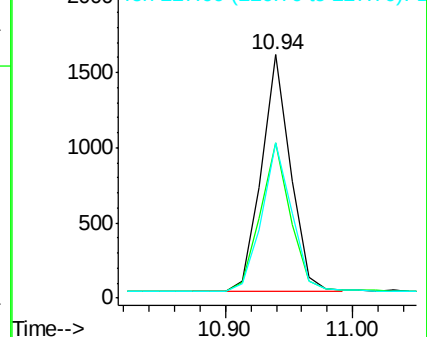
227 64.3 52.6 79.0

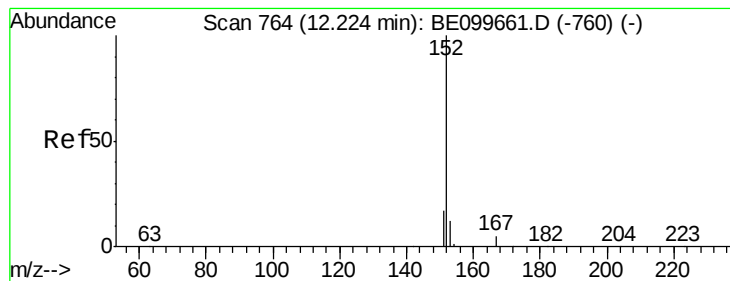


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.376 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

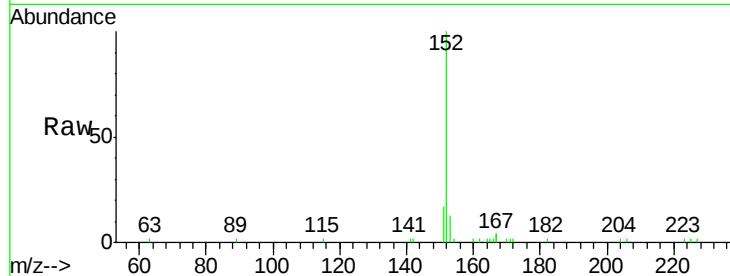
SSTDCCC0.4EC

Tgt Ion:152 Resp: 5369

Ion Ratio Lower Upper

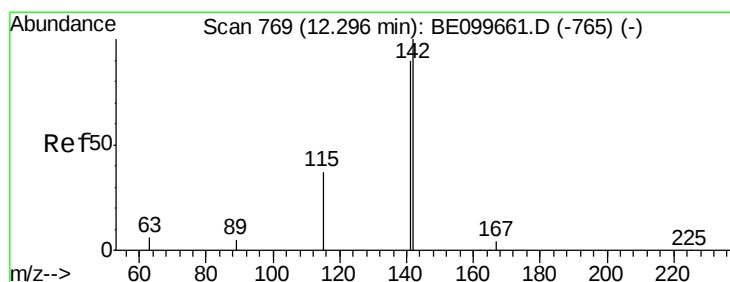
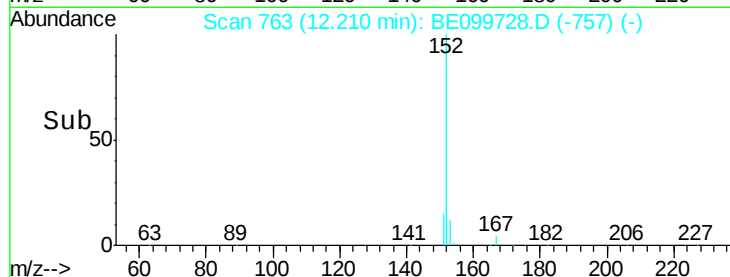
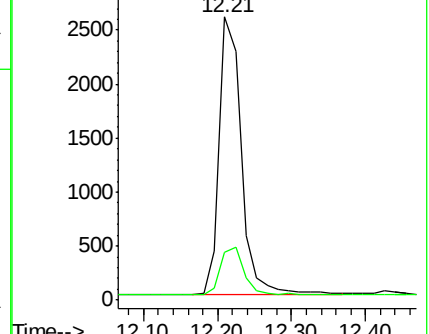
152 100

151 18.7 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.381 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

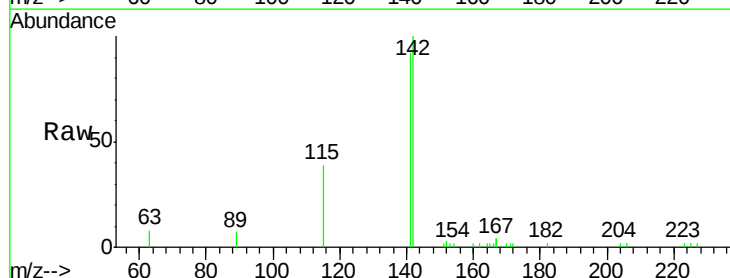
Tgt Ion:142 Resp: 5496

Ion Ratio Lower Upper

142 100

141 91.7 72.0 108.0

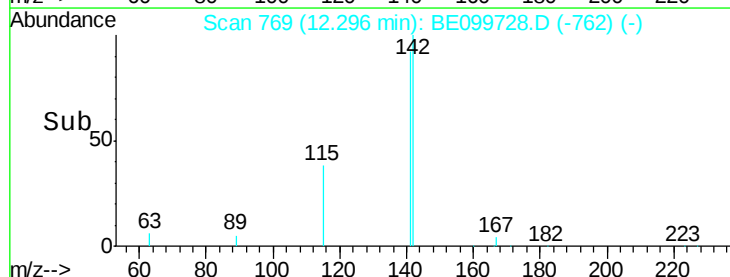
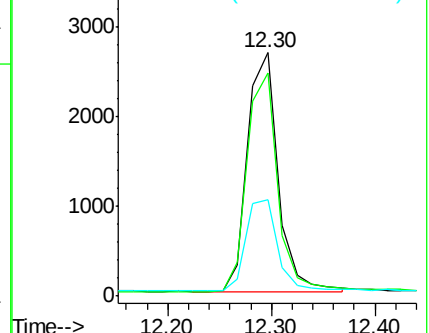
115 39.4 31.0 46.4

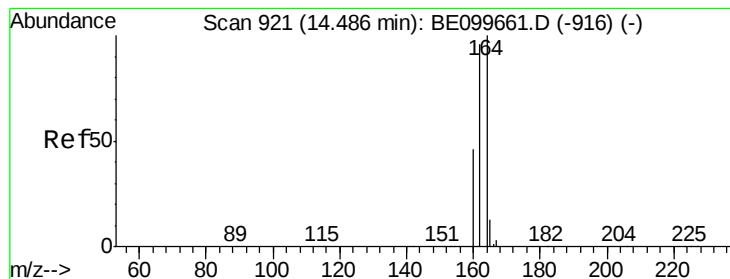


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

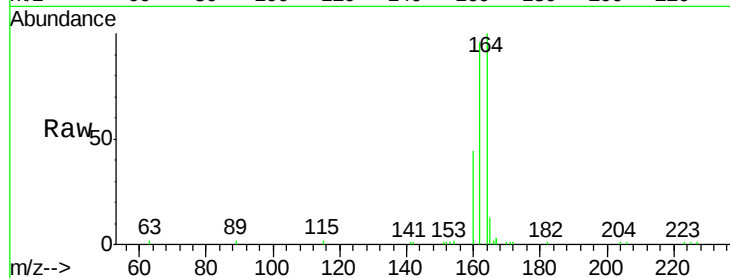
Tgt Ion:164 Resp: 5861

Ion Ratio Lower Upper

164 100

162 95.5 76.5 114.7

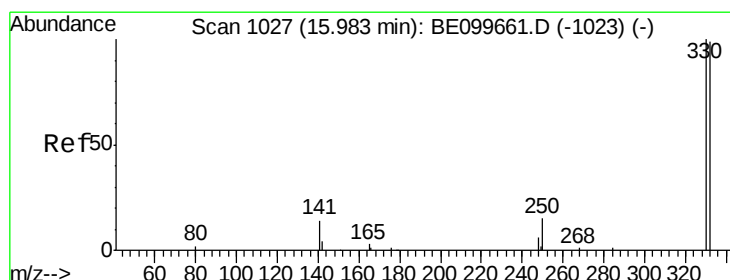
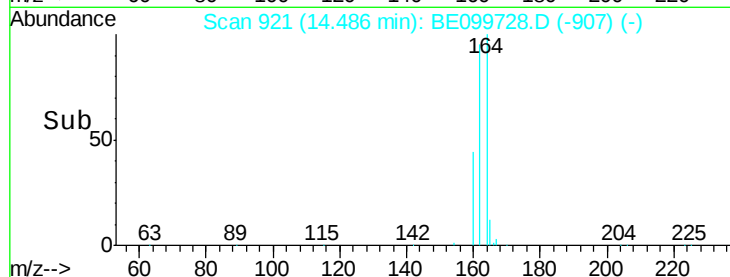
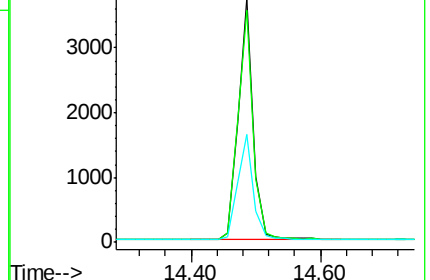
160 44.4 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.462 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

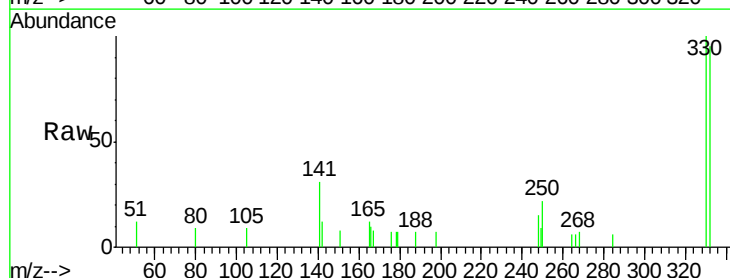
Tgt Ion:330 Resp: 1491

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

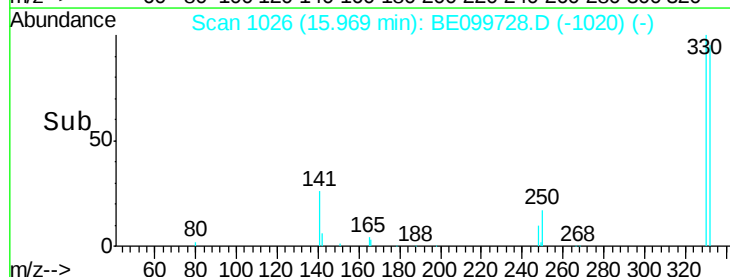
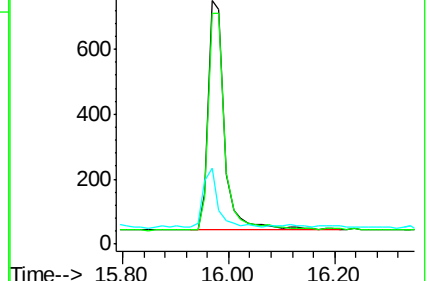
141 24.1 18.9 28.3

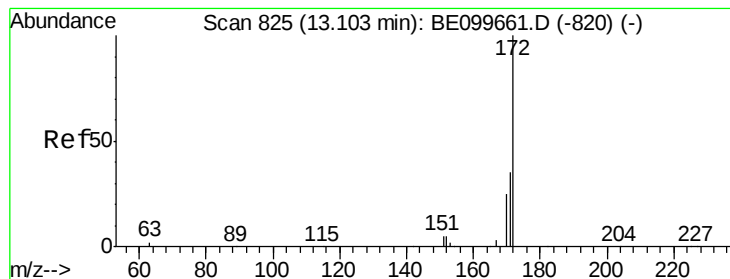


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.372 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

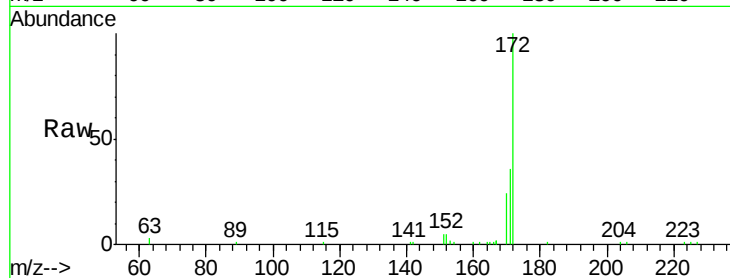
Tgt Ion:172 Resp: 8279

Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

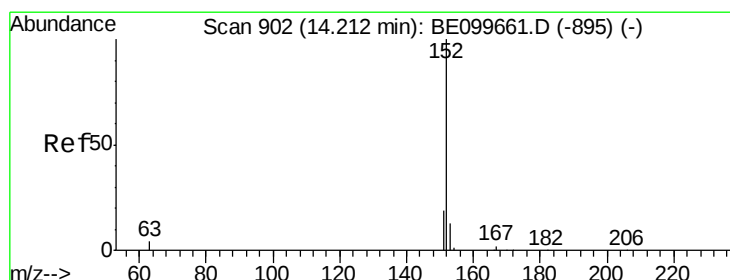
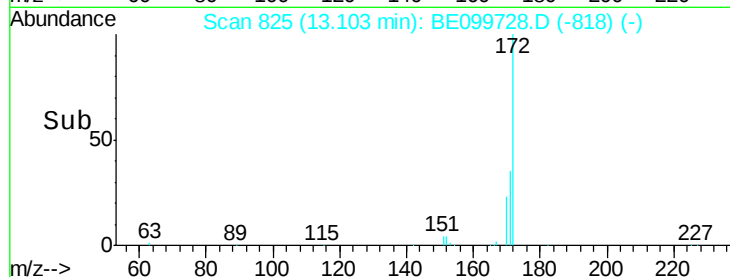
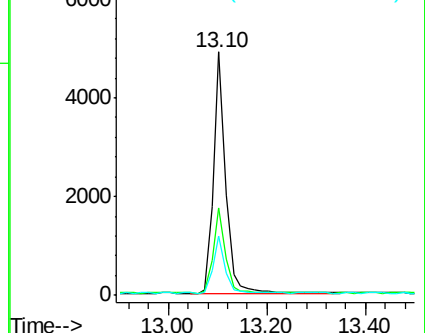
170 24.2 20.9 31.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.387 ng

RT: 14.20 min Scan# 901

Delta R.T. -0.01 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

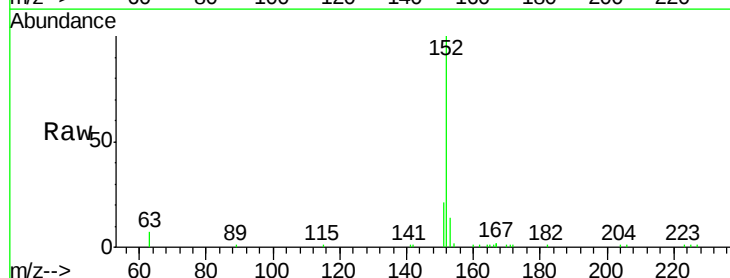
Tgt Ion:152 Resp: 10558

Ion Ratio Lower Upper

152 100

151 19.1 15.9 23.9

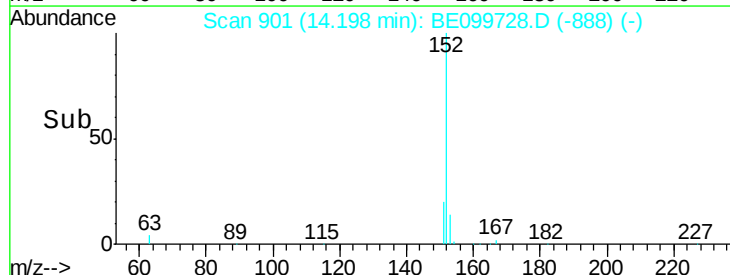
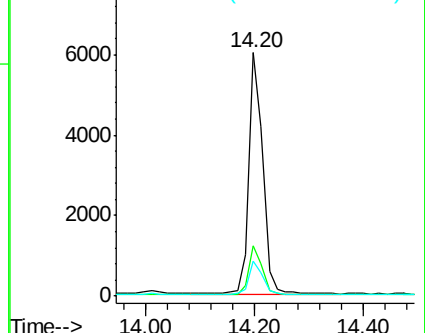
153 13.0 10.6 16.0

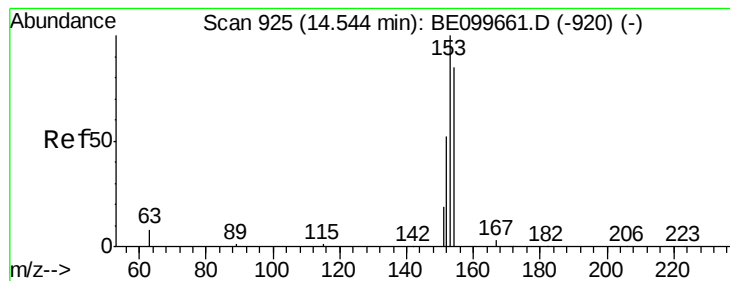


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.385 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

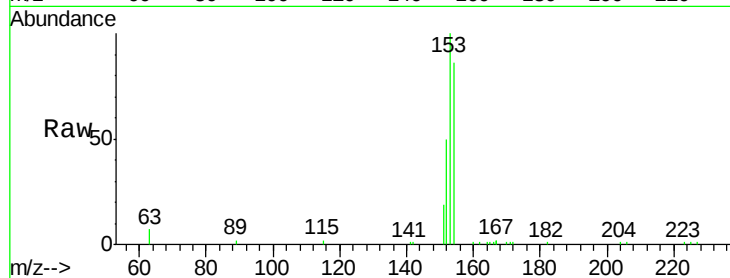
Tgt Ion:154 Resp: 5899

Ion Ratio Lower Upper

154 100

153 115.5 91.8 137.6

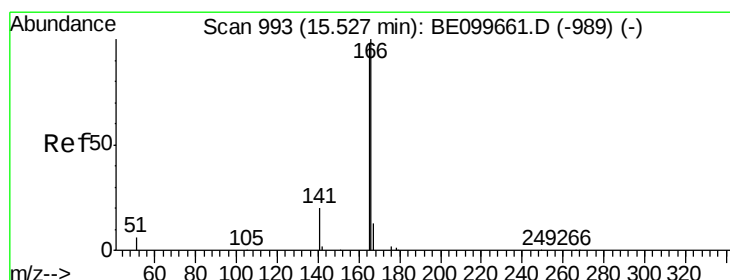
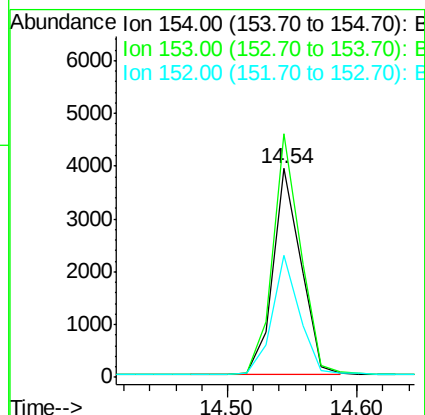
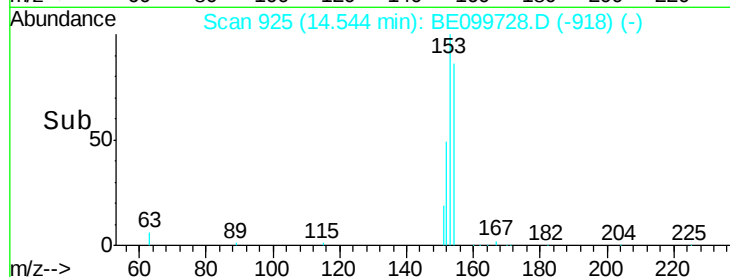
152 56.7 46.0 69.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.367 ng

RT: 15.53 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

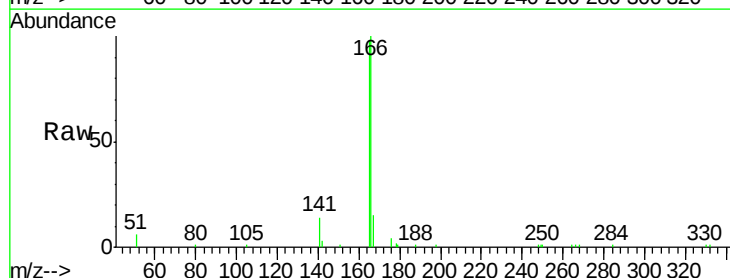
Tgt Ion:166 Resp: 8291

Ion Ratio Lower Upper

166 100

165 102.1 80.3 120.5

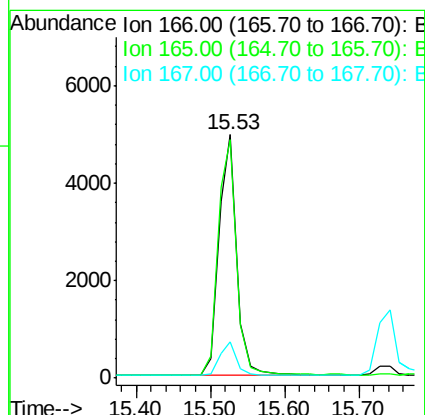
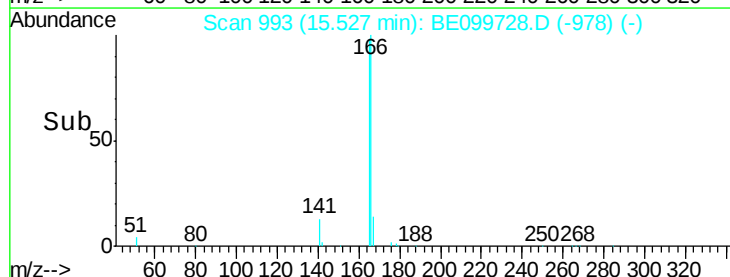
167 13.6 10.6 16.0

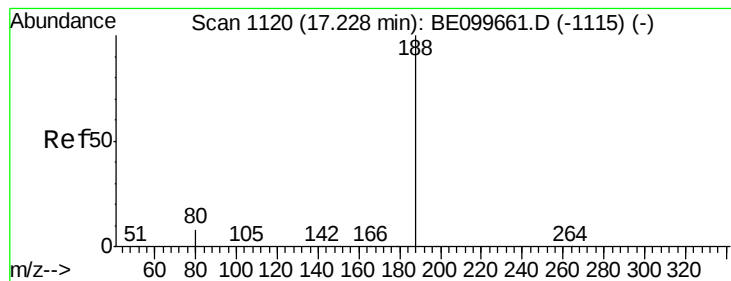


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

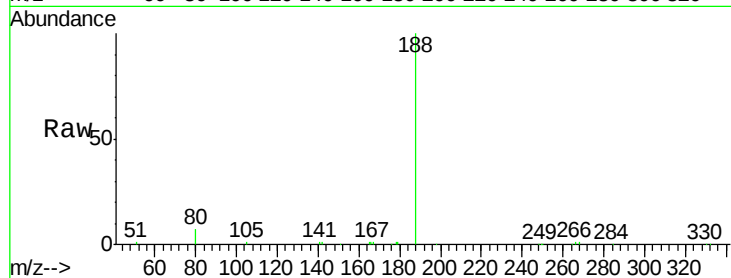
Tgt Ion:188 Resp: 16564

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

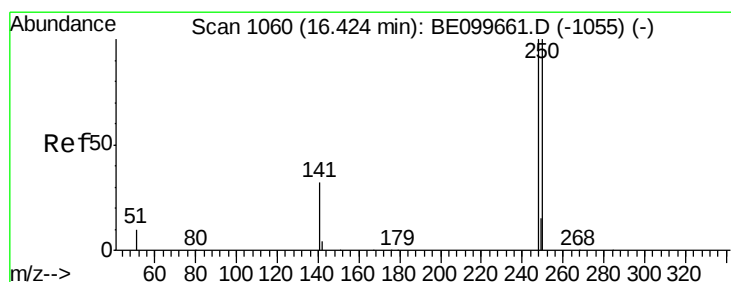
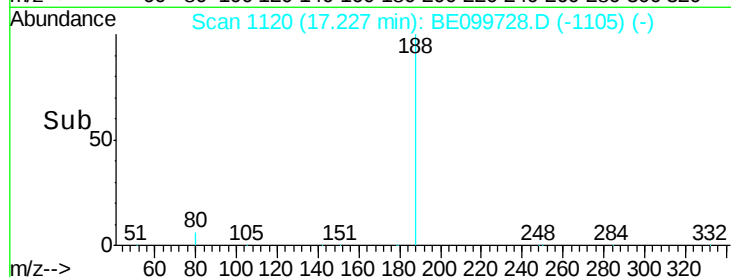
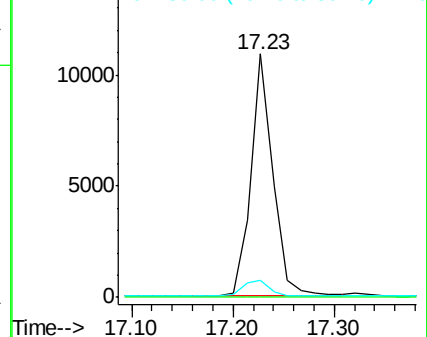
80 7.0 6.7 10.1



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: 0.387 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

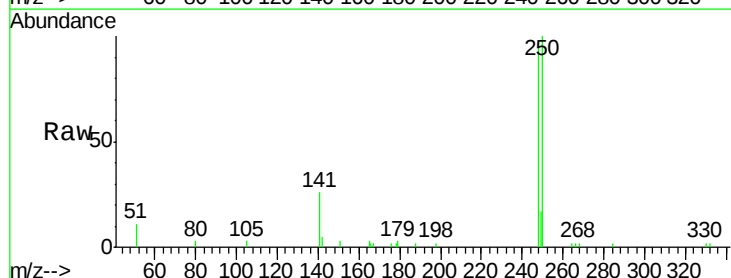
Tgt Ion:248 Resp: 3700

Ion Ratio Lower Upper

248 100

250 102.6 79.8 119.8

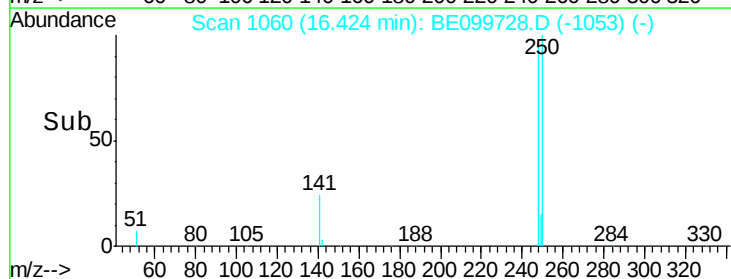
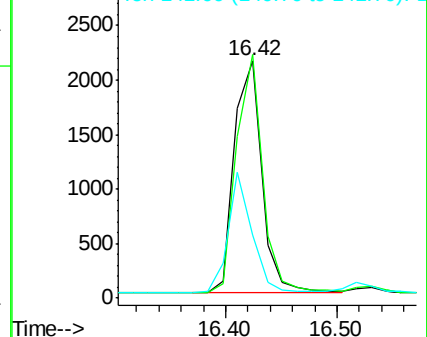
141 26.4 27.0 40.6#

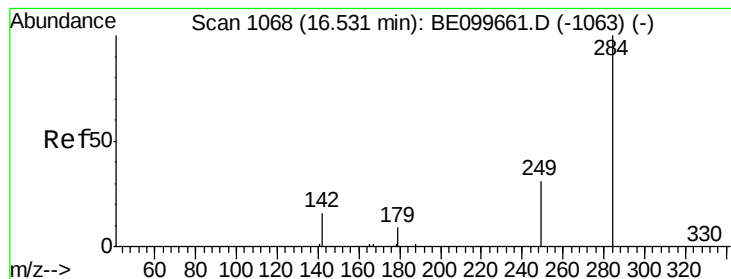


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.389 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

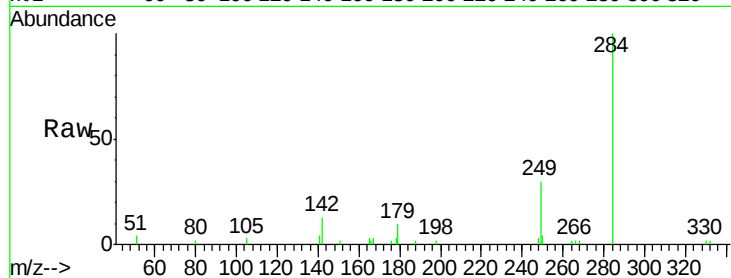
Tgt Ion:284 Resp: 3802

Ion Ratio Lower Upper

284 100

142 22.7 17.8 26.6

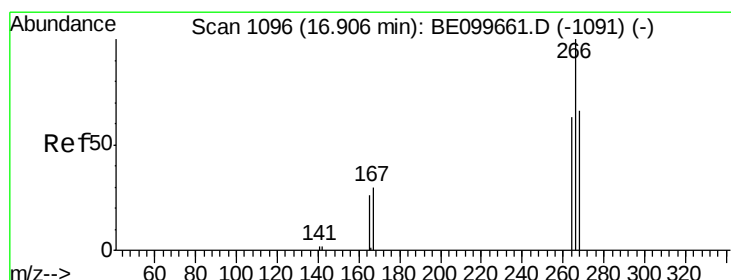
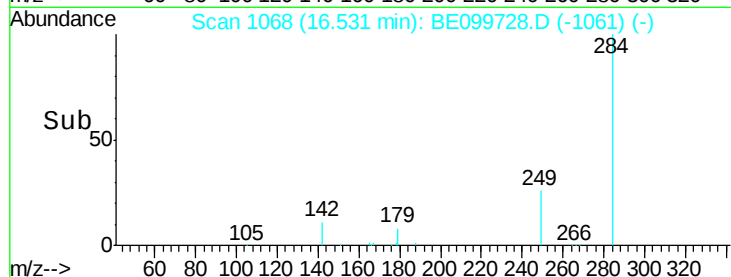
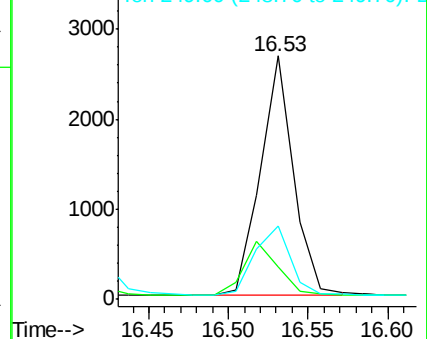
249 30.8 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.676 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

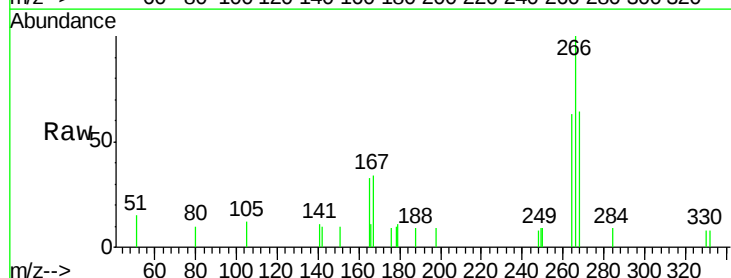
Tgt Ion:266 Resp: 1544

Ion Ratio Lower Upper

266 100

264 63.0 57.2 85.8

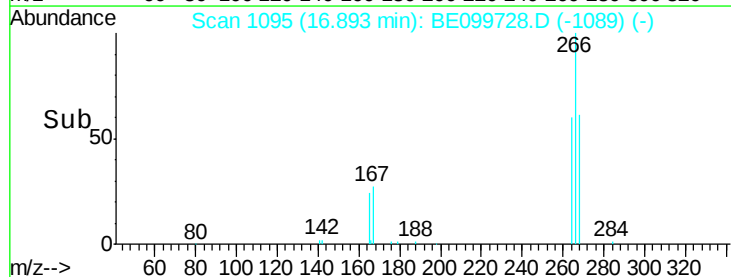
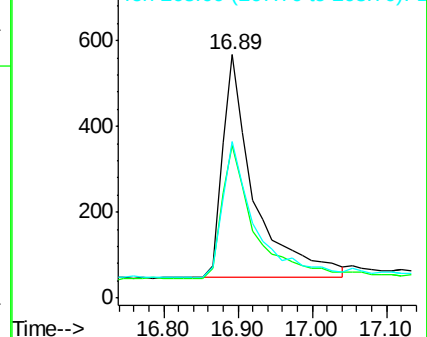
268 64.4 60.5 90.7



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.387 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

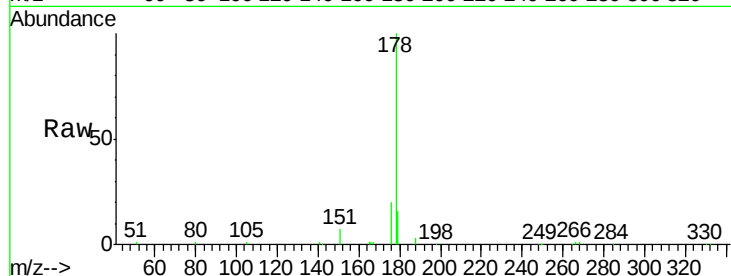
Tgt Ion:178 Resp: 15653

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

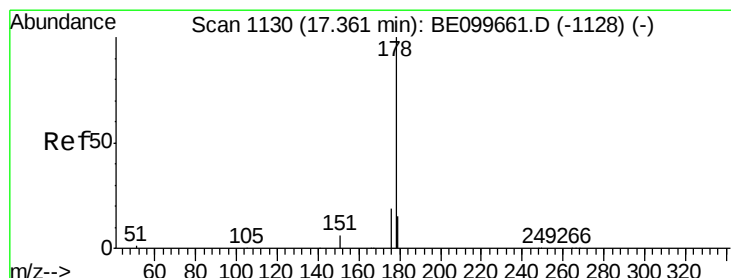
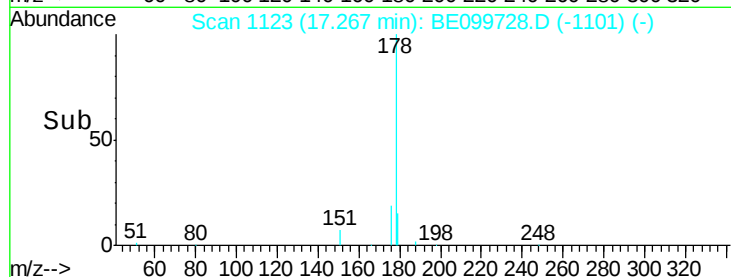
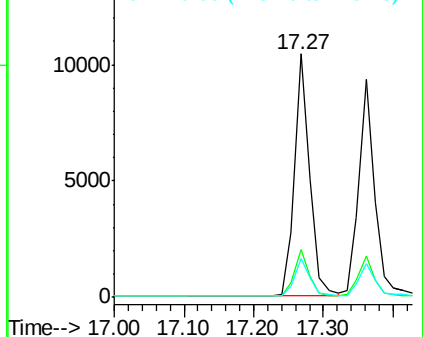
179 15.7 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.389 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

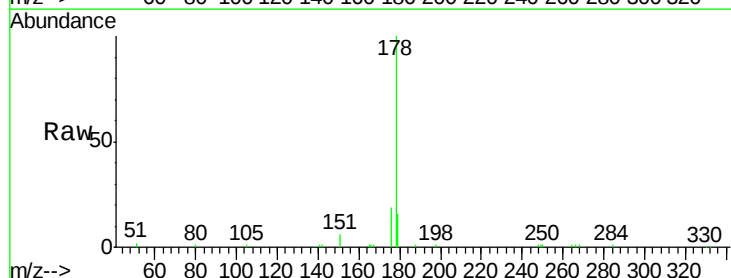
Tgt Ion:178 Resp: 14295

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

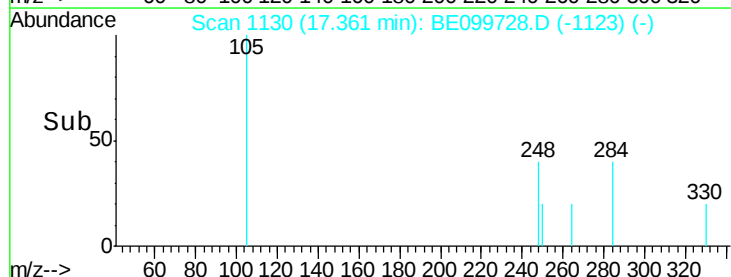
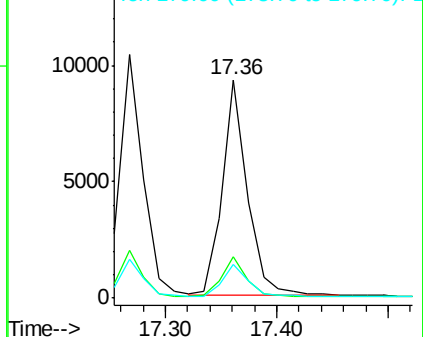
179 15.5 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

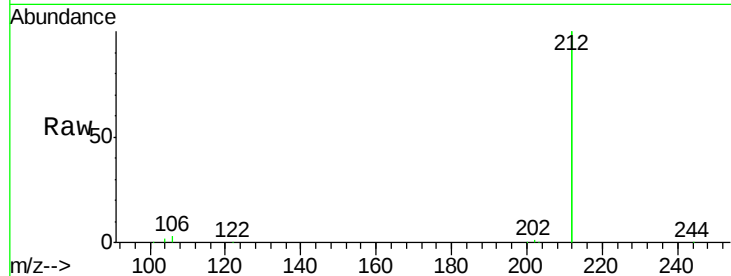
Tgt Ion:212 Resp: 84785

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.2

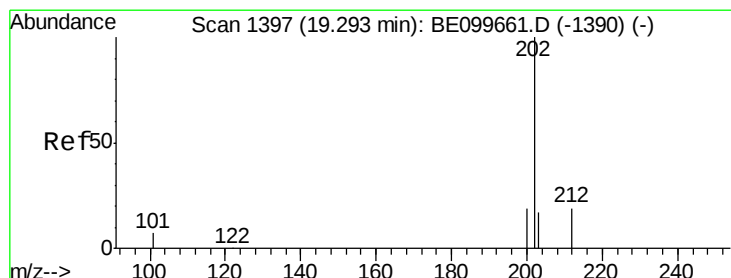
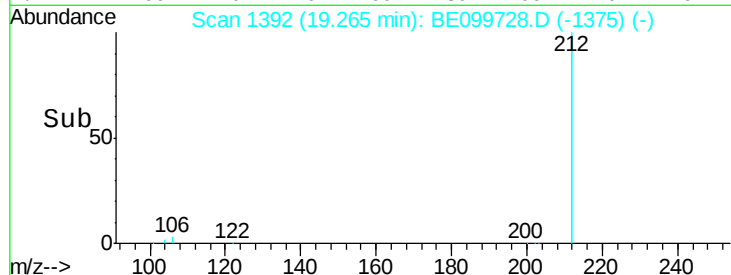
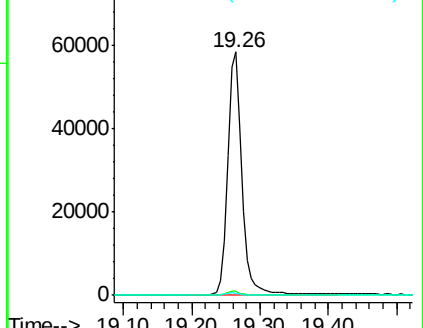
104 1.0 0.8 1.2



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: 0.381 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

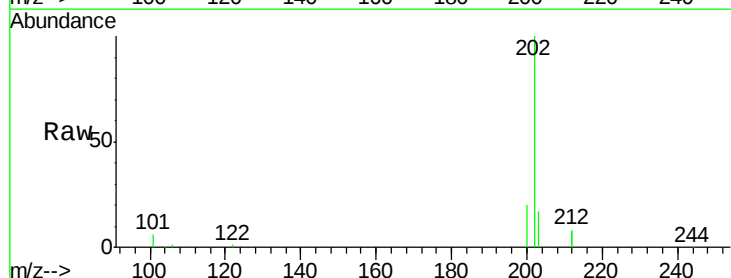
Tgt Ion:202 Resp: 24376

Ion Ratio Lower Upper

202 100

101 6.6 5.2 7.8

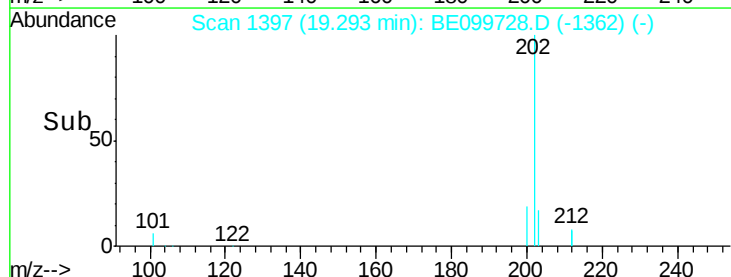
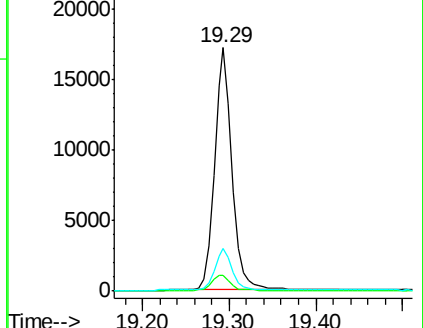
203 16.8 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

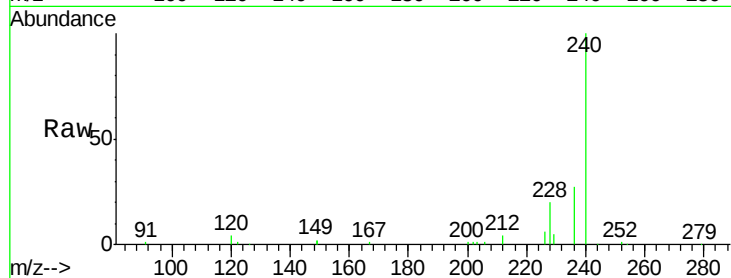
Tgt Ion:240 Resp: 25785

Ion Ratio Lower Upper

240 100

120 3.8 5.4 8.0#

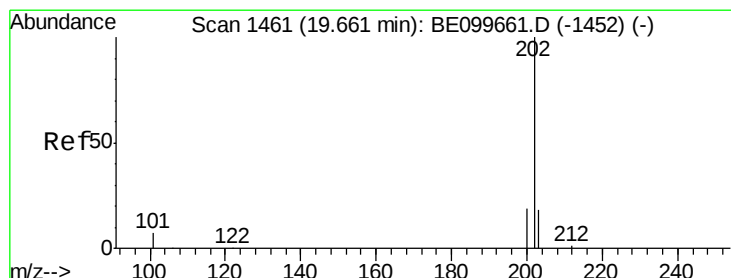
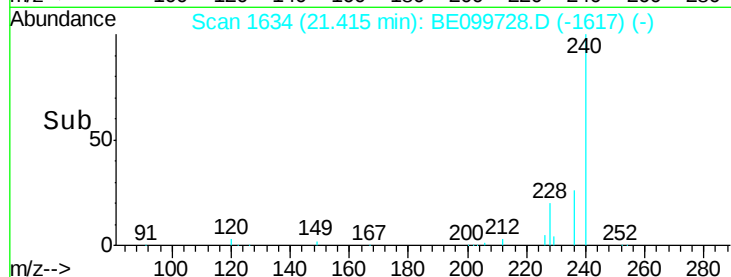
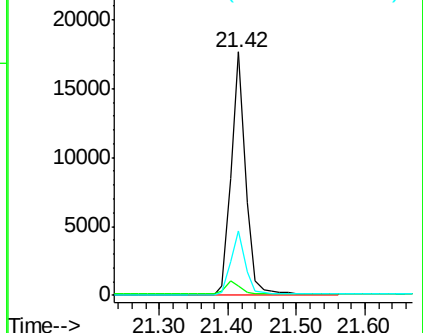
236 26.7 21.7 32.5



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: 0.396 ng

RT: 19.66 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

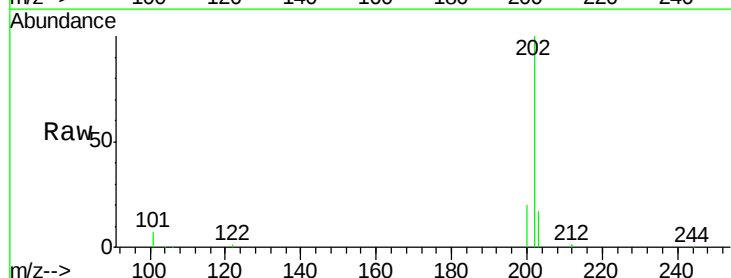
Tgt Ion:202 Resp: 25666

Ion Ratio Lower Upper

202 100

200 19.6 15.4 23.2

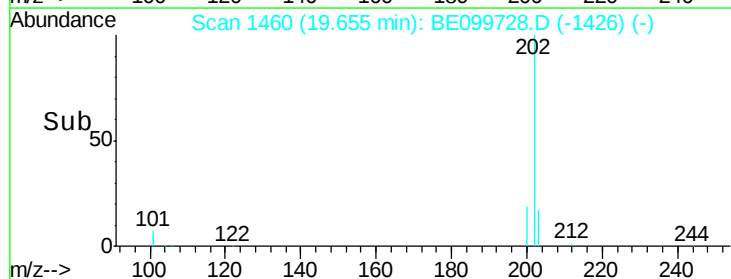
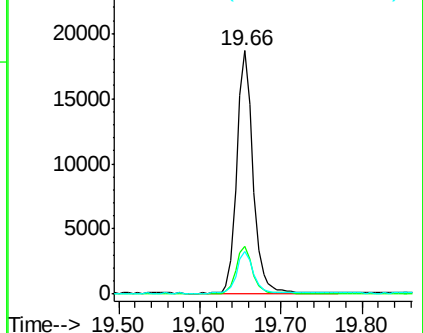
203 17.4 13.8 20.8

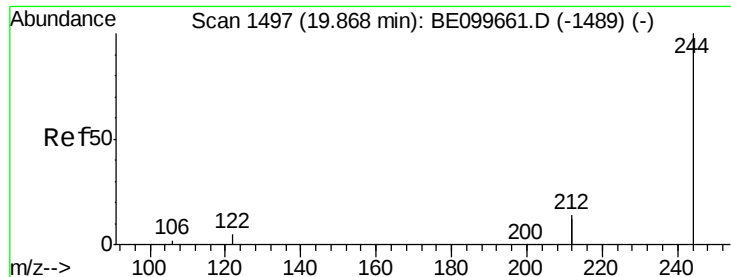


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.381 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

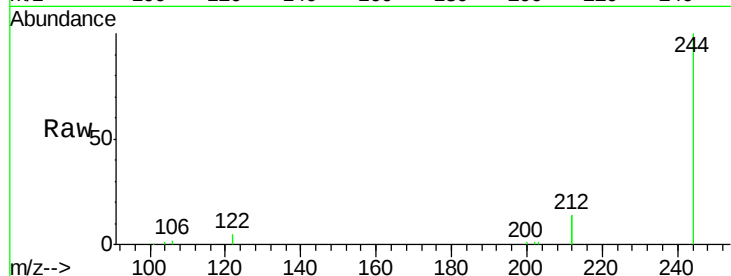
Tgt Ion:244 Resp: 17524

Ion Ratio Lower Upper

244 100

212 28.0 22.5 33.7

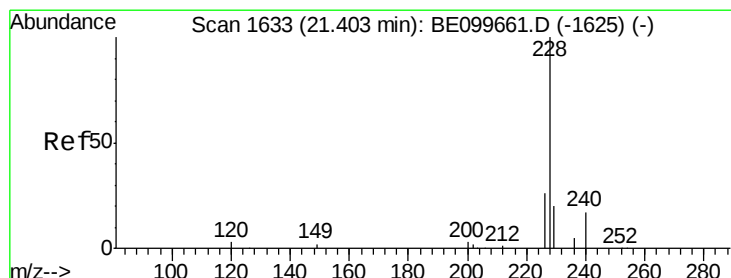
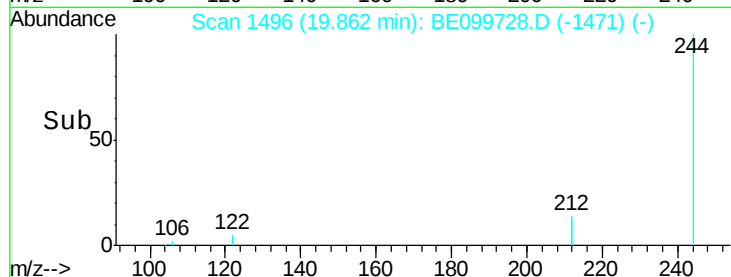
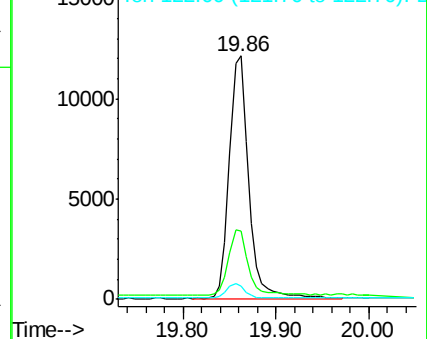
122 5.3 4.3 6.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.434 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

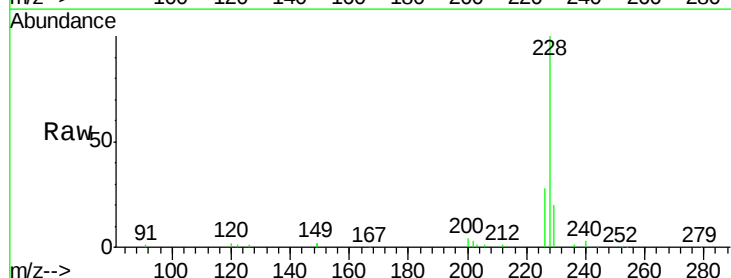
Tgt Ion:228 Resp: 31788

Ion Ratio Lower Upper

228 100

226 27.9 21.3 31.9

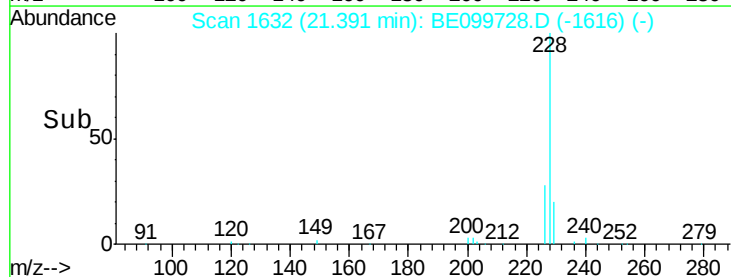
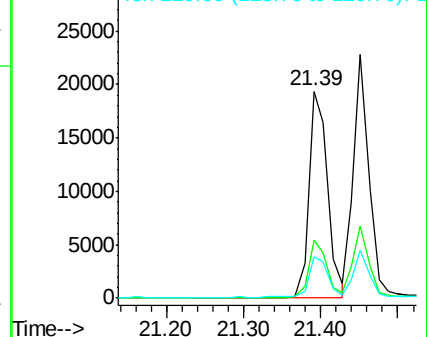
229 20.0 16.1 24.1

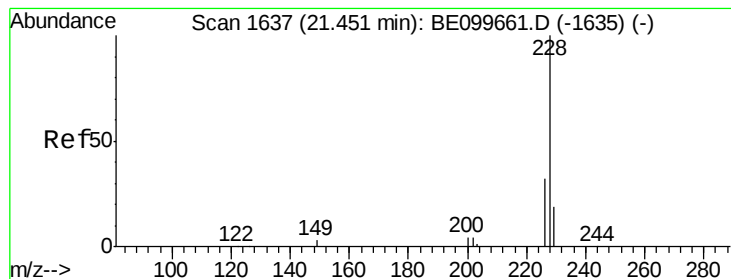


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.402 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

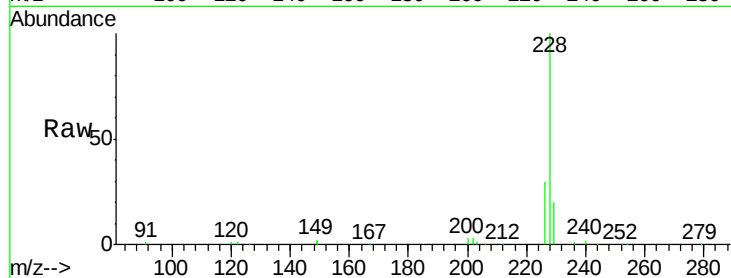
Tgt Ion:228 Resp: 31471

Ion Ratio Lower Upper

228 100

226 29.6 24.7 37.1

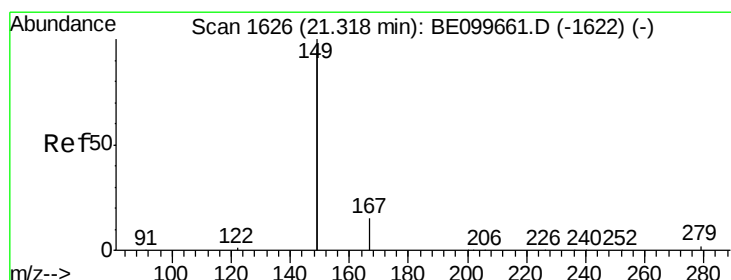
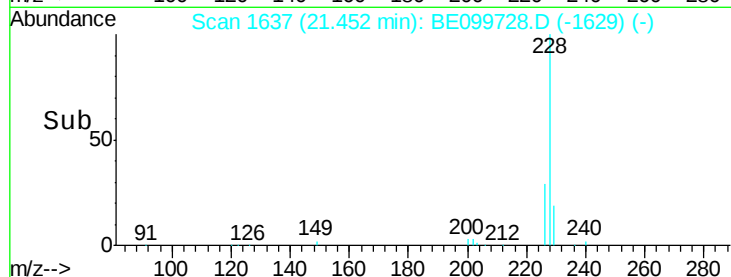
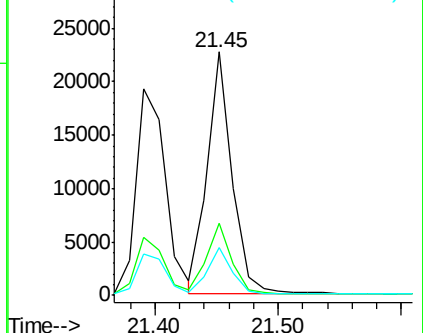
229 19.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.536 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

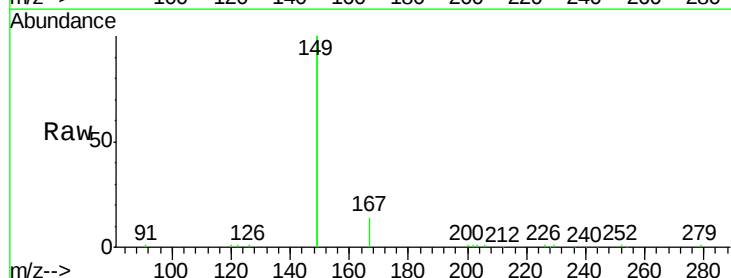
Tgt Ion:149 Resp: 45289

Ion Ratio Lower Upper

149 100

167 7.6 6.2 9.4

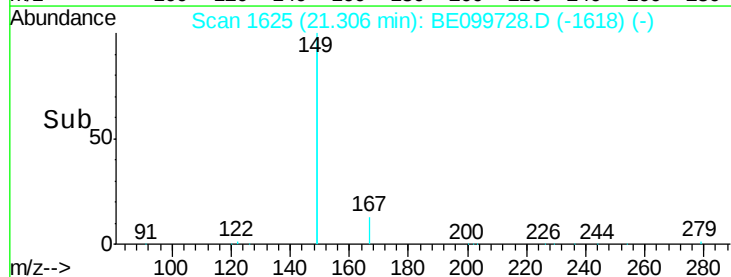
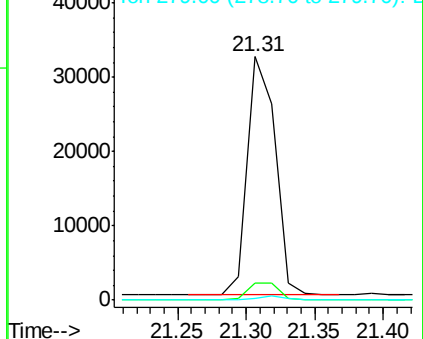
279 1.6 1.2 1.8

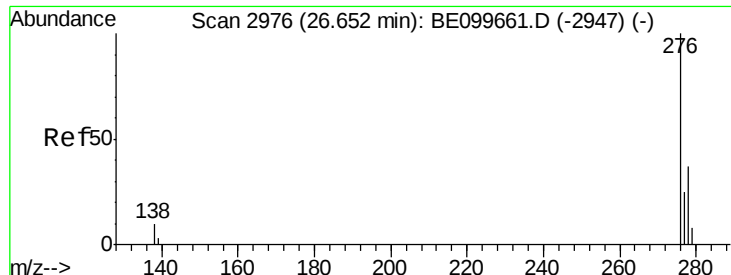


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.401 ng

RT: 26.65 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

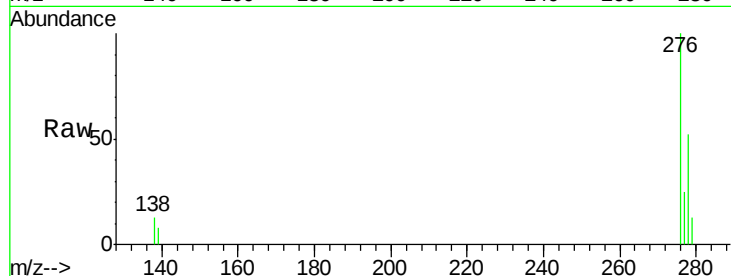
Tgt Ion:276 Resp: 37913

Ion Ratio Lower Upper

276 100

138 12.9 9.6 14.4

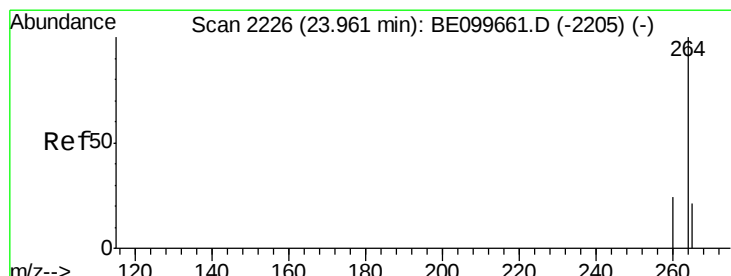
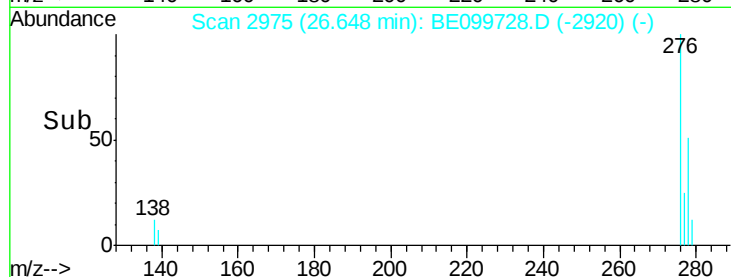
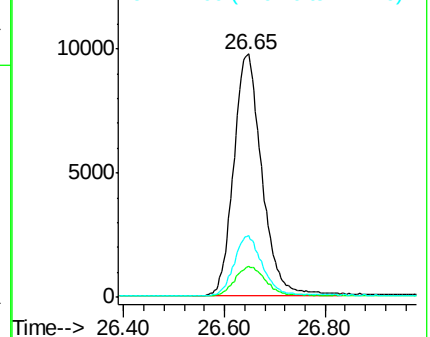
277 24.5 19.2 28.8



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: 23.95 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

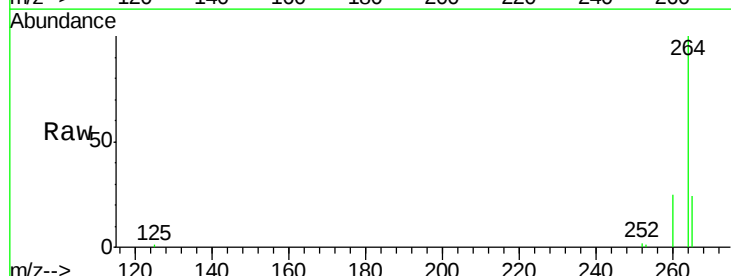
Tgt Ion:264 Resp: 29645

Ion Ratio Lower Upper

264 100

260 25.5 19.6 29.4

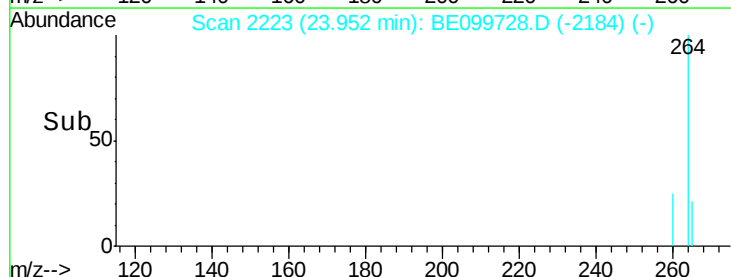
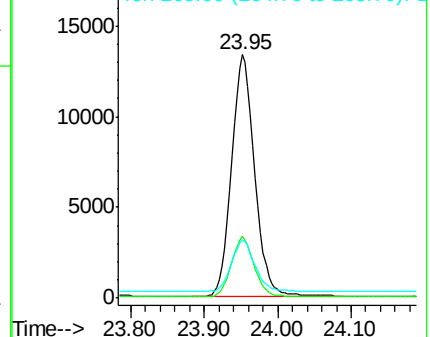
265 23.8 19.1 28.7

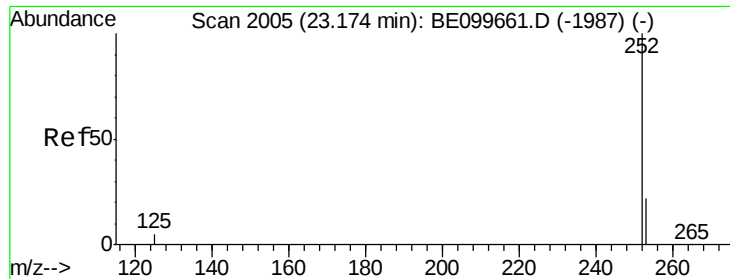


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.369 ng

RT: 23.22 min Scan# 2017

Delta R.T. 0.04 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

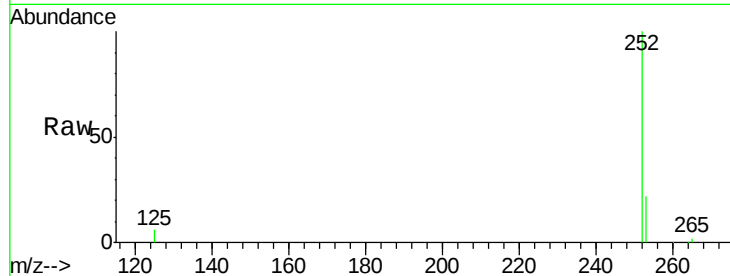
Tgt Ion:252 Resp: 29941

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

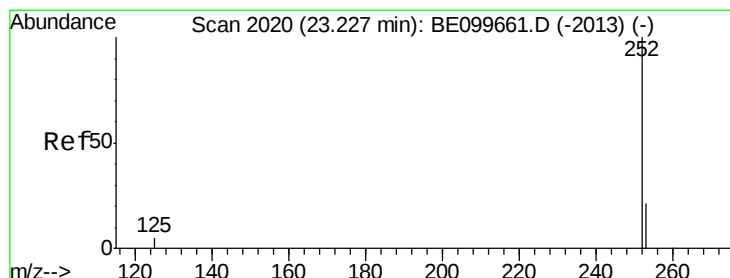
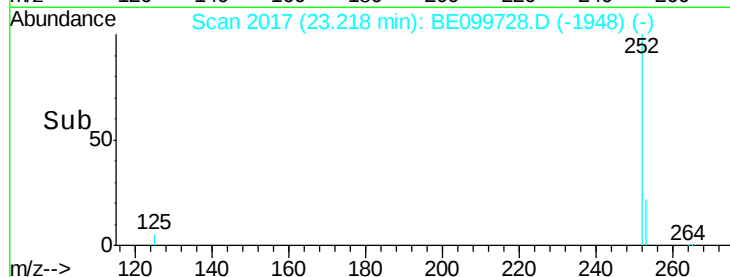
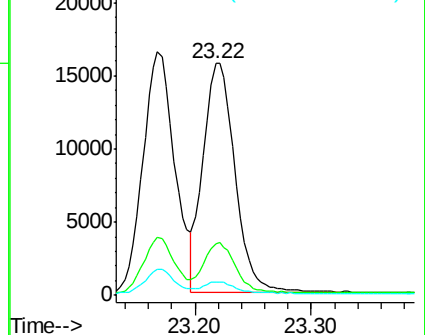
125 5.8 4.5 6.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.354 ng

RT: 23.22 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

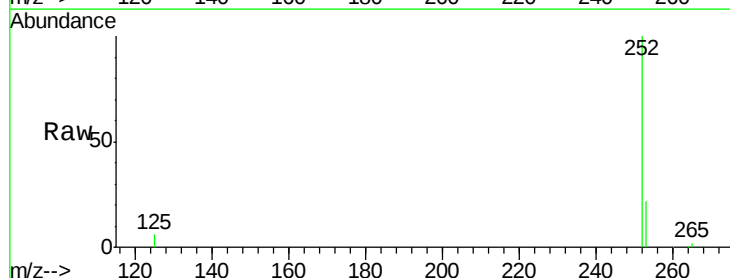
Tgt Ion:252 Resp: 29941

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

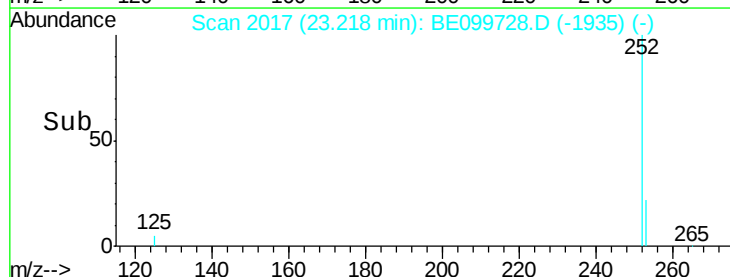
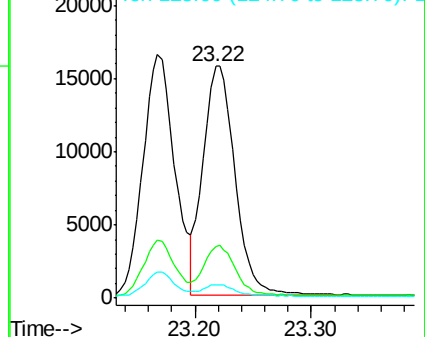
125 5.8 4.6 6.8

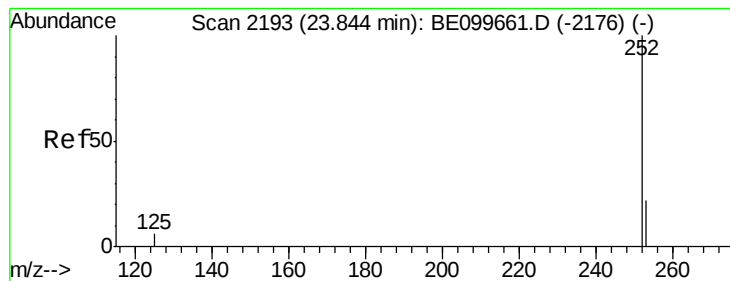


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.383 ng

RT: 23.84 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

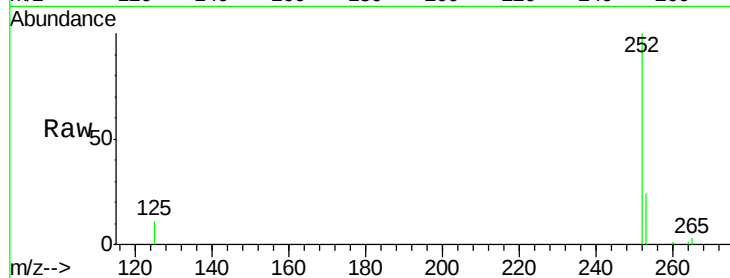
Tgt Ion: 252 Resp: 29941

Ion Ratio Lower Upper

252 100

253 23.6 18.9 28.3

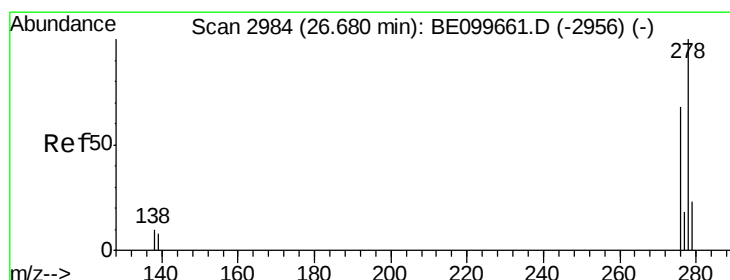
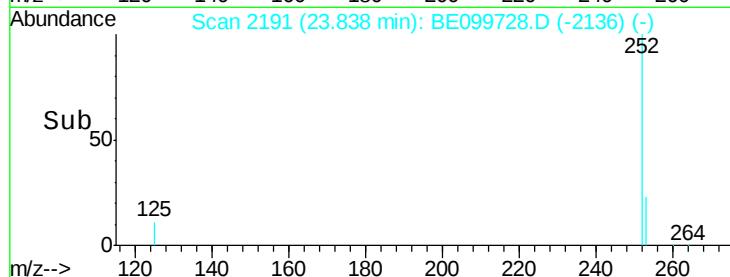
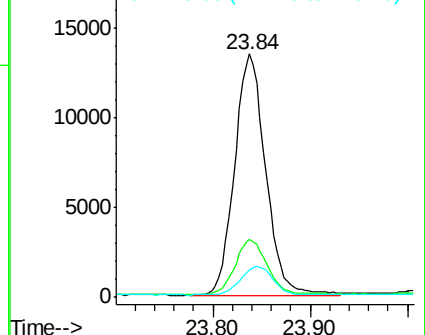
125 11.4 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.381 ng

RT: 26.67 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BE099728.D

Acq: 22 May 2019 19:57

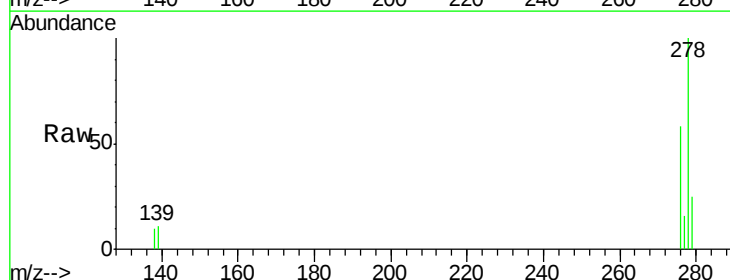
Tgt Ion: 278 Resp: 31281

Ion Ratio Lower Upper

278 100

139 10.8 6.9 10.3#

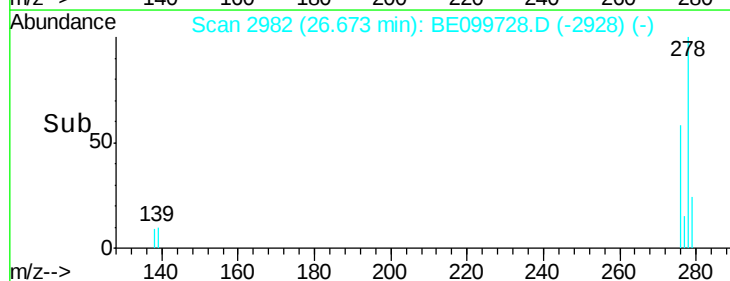
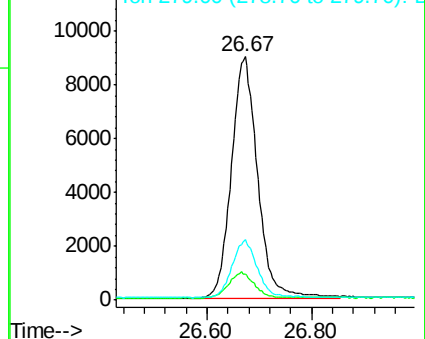
279 25.0 19.2 28.8

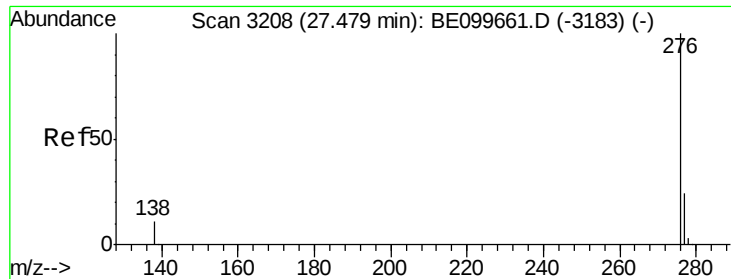


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.368 ng

RT: 27.48 min Scan# 3209

Delta R.T. 0.00 min

Lab File: BE099728.D

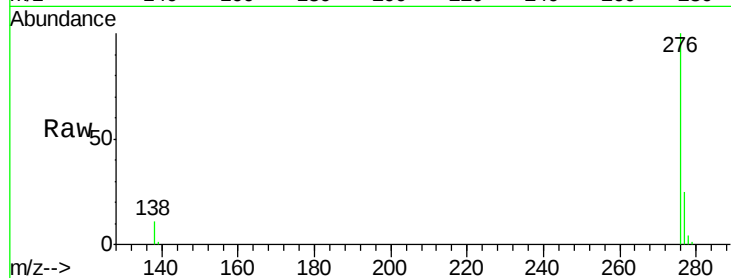
Acq: 22 May 2019 19:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



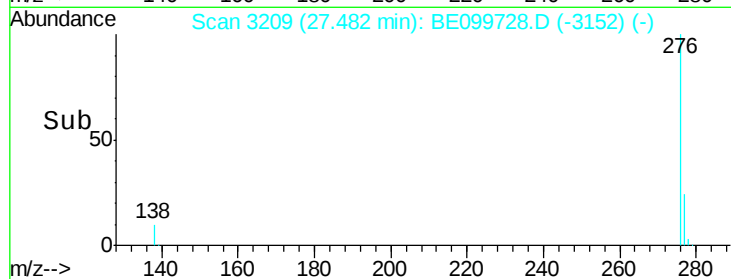
Tgt Ion: 276 Resp: 30533

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.6

138 10.7 9.2 13.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

