

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
 Data File : BE099855.D
 Acq On : 7 Jun 2019 16:41
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 08 04:31:21 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	649	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2345	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	1752	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5916	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	9404	0.40	ng	-0.01
34) Perylene-d12	23.94	264	11423	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	790	0.36	ng	0.00
5) Phenol-d6	6.96	99	1026	0.38	ng	0.00
8) Nitrobenzene-d5	8.96	82	943	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1616	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	667	0.38	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2592	0.41	ng	0.00
25) Fluoranthene-d10	19.25	212	34490	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	7140	0.41	ng	0.00

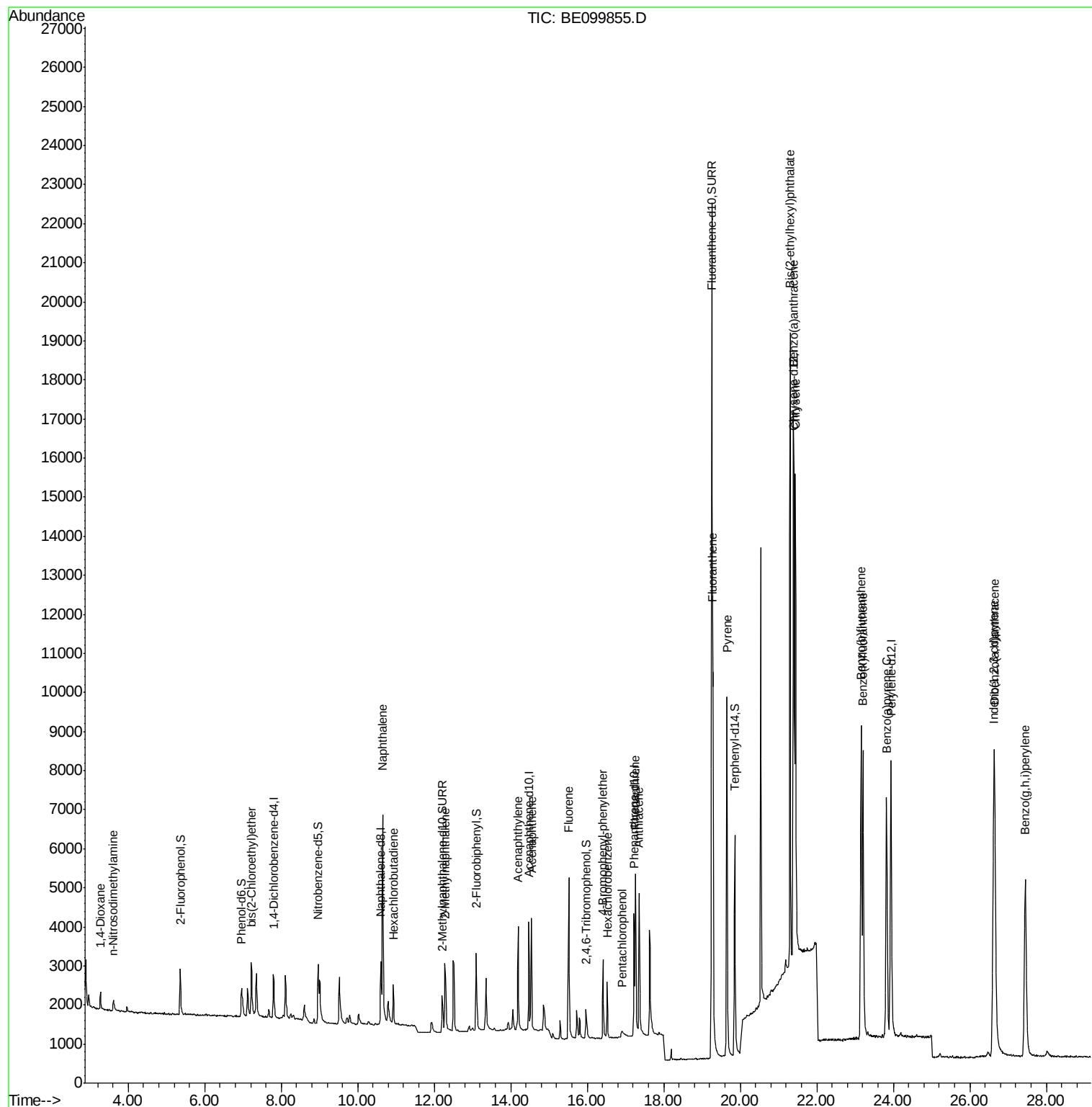
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	368	0.403	ng	# 91
3) n-Nitrosodimethylamine	3.61	42	242	0.391	ng	# 85
6) bis(2-Chloroethyl)ether	7.23	93	732	0.372	ng	95
9) Naphthalene	10.65	128	10037	0.394	ng	99
10) Hexachlorobutadiene	10.93	225	748	0.399	ng	99
12) 2-Methylnaphthalene	12.28	142	1585	0.366	ng	96
16) Acenaphthylene	14.20	152	3375	0.389	ng	100
17) Acenaphthene	14.54	154	1850	0.389	ng	99
18) Fluorene	15.51	166	2855	0.392	ng	98
20) 4-Bromophenyl-phenylether	16.41	248	1292	0.381	ng	# 92
21) Hexachlorobenzene	16.52	284	1297	0.392	ng	96
22) Pentachlorophenol	16.92	266	319	0.493	ng	92
23) Phenanthrene	17.26	178	5639	0.384	ng	99
24) Anthracene	17.35	178	5172	0.368	ng	99
26) Fluoranthene	19.29	202	9809	0.379	ng	100
28) Pyrene	19.65	202	10411	0.418	ng	99
30) Benzo(a)anthracene	21.39	228	12238	0.410	ng	97
31) Chrysene	21.44	228	12943	0.441	ng	97
32) Bis(2-ethylhexyl)phthalate	21.31	149	20767	0.426	ng	99
33) Indeno(1,2,3-cd)pyrene	26.62	276	15441	0.432	ng	98
35) Benzo(b)fluoranthene	23.15	252	12210	0.385	ng	98
36) Benzo(k)fluoranthene	23.21	252	12549	0.395	ng	# 96
37) Benzo(a)pyrene	23.82	252	12296	0.399	ng	# 97
38) Dibenzo(a,h)anthracene	26.65	278	12266	0.390	ng	93
39) Benzo(g,h,i)perylene	27.45	276	12877	0.403	ng	95

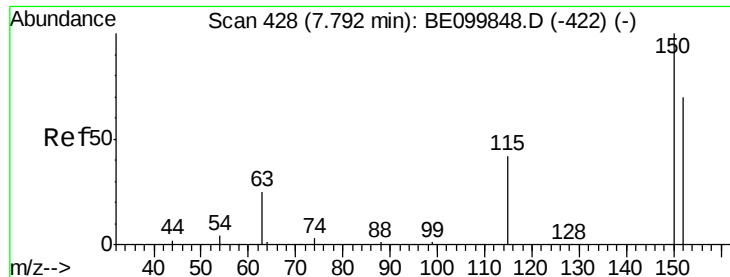
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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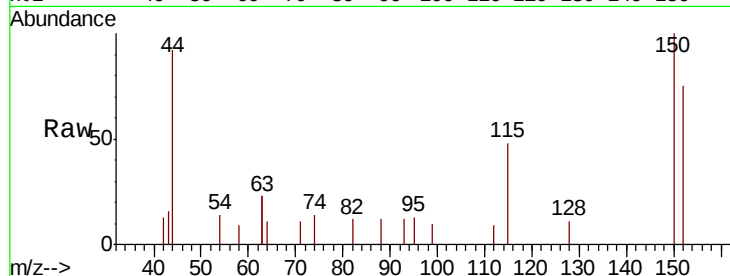


#1

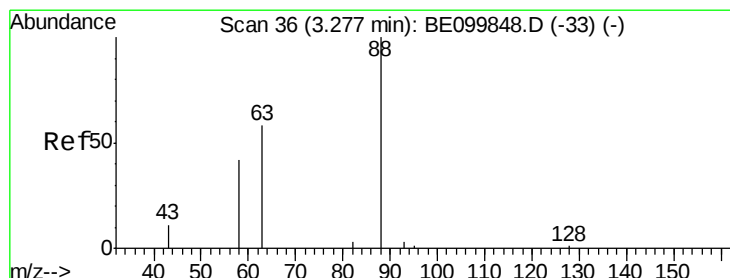
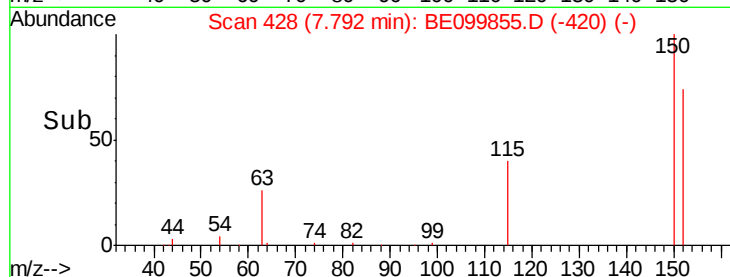
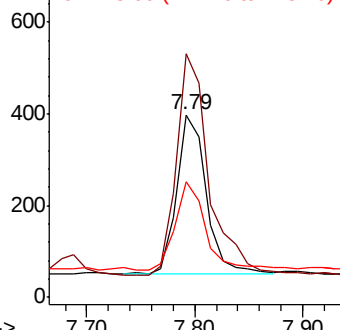
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 649
Ion Ratio Lower Upper
152 100
150 133.4 112.8 169.2
115 63.6 47.6 71.4



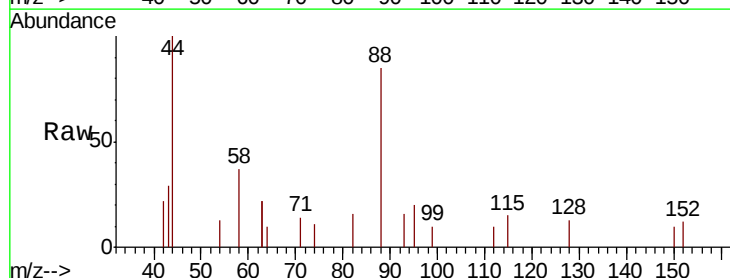
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



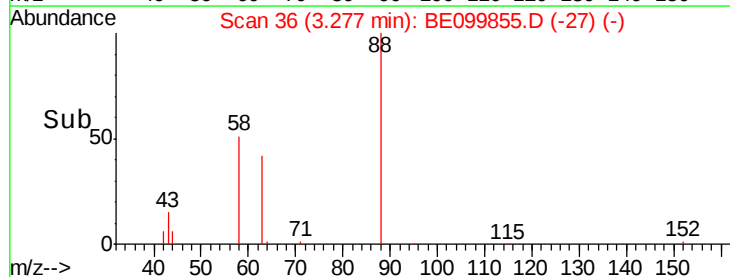
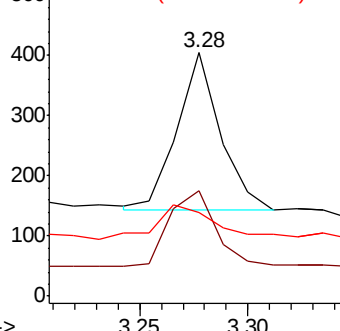
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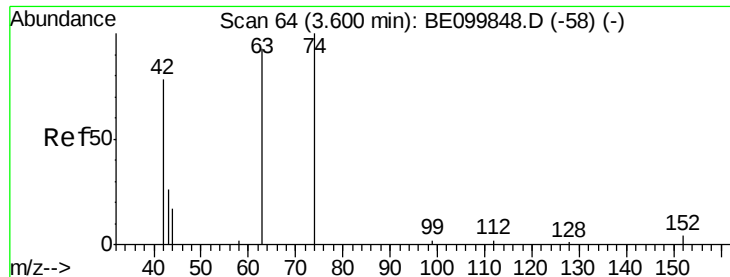
1,4-Dioxane
Concen: 0.403 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion: 88 Resp: 368
Ion Ratio Lower Upper
88 100
58 54.3 47.3 70.9
43 30.2 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: 0.391 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

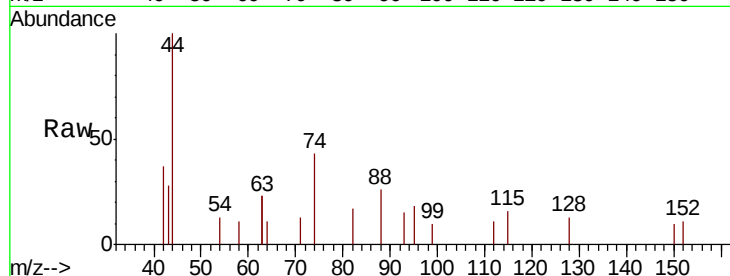
Tgt Ion: 42 Resp: 242

Ion Ratio Lower Upper

42 100

74 148.3 132.6 198.8

44 2.5 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

600

400

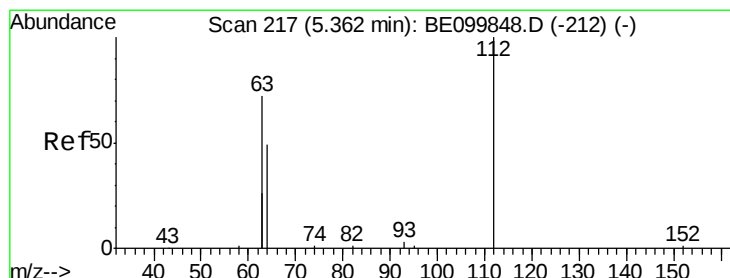
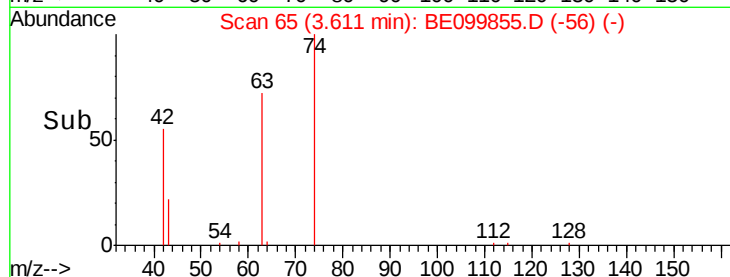
200

0

3.55 3.60 3.65

3.61

Time-->



#4

2-Fluorophenol

Concen: 0.364 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

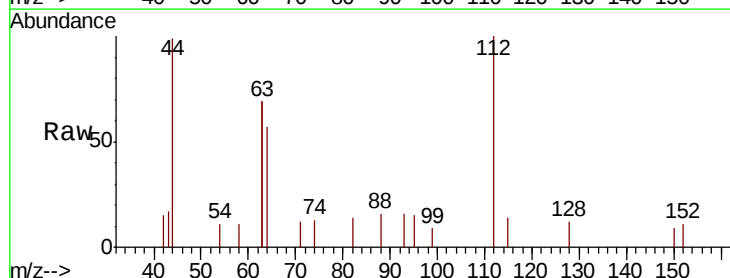
Tgt Ion: 112 Resp: 790

Ion Ratio Lower Upper

112 100

64 56.6 47.2 70.8

63 118.5 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

800

600

400

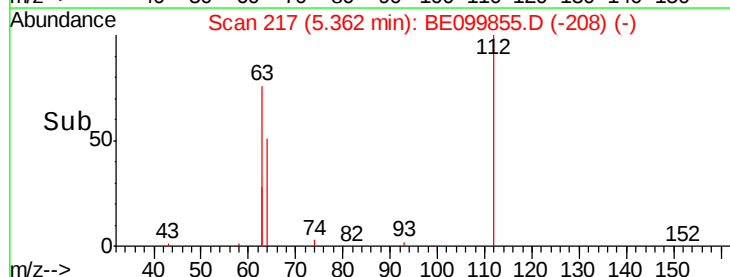
200

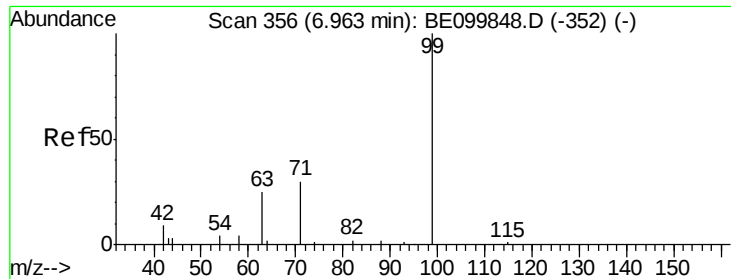
0

5.30 5.40 5.50

5.36

Time-->





#5

Phenol-d6

Concen: 0.383 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

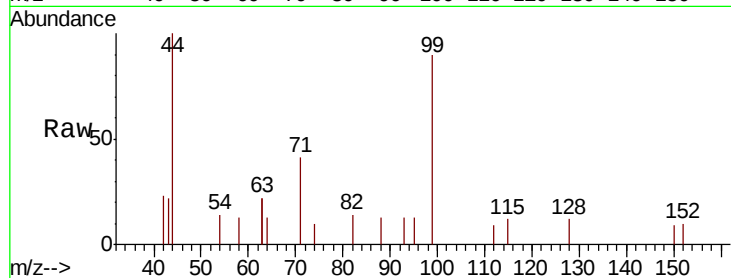
Tgt Ion: 99 Resp: 1026

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.4

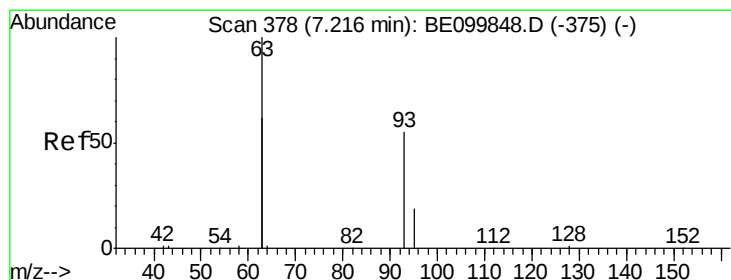
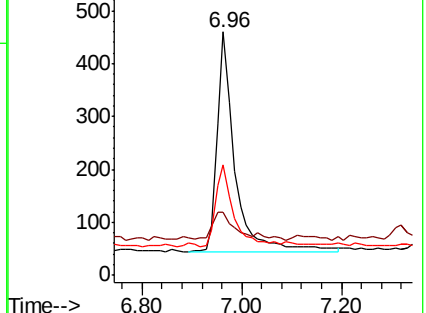
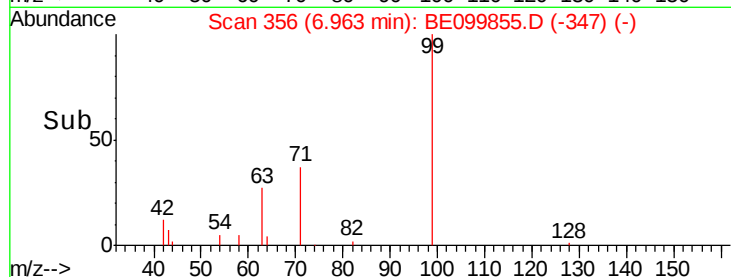
71 36.5 26.1 39.1



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: 0.372 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

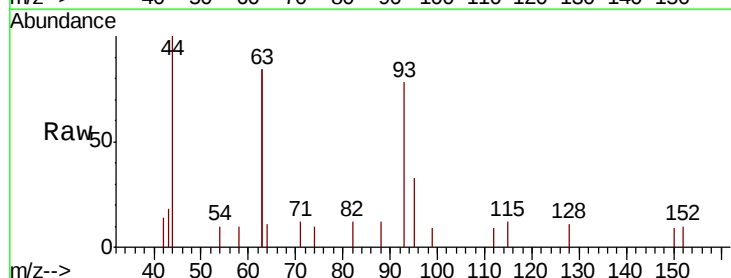
Tgt Ion: 93 Resp: 732

Ion Ratio Lower Upper

93 100

63 251.1 208.8 313.2

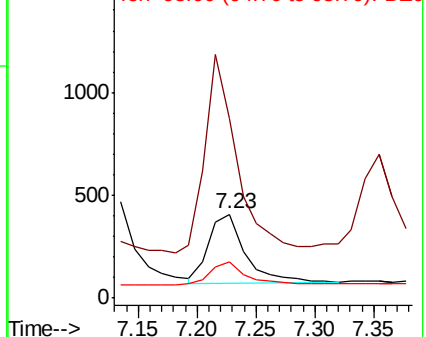
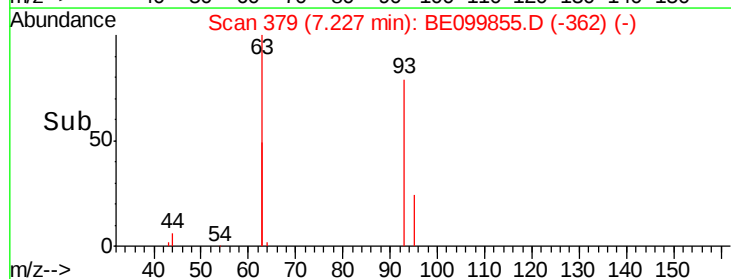
95 33.9 27.6 41.4

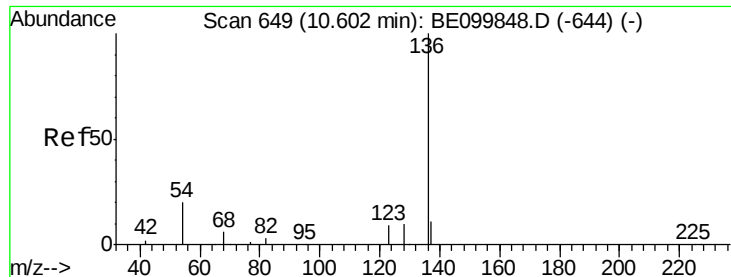


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099855.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 2345

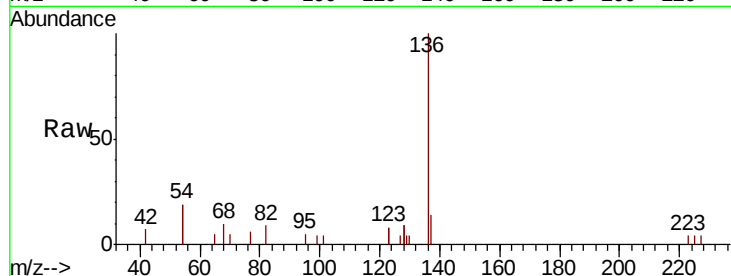
Ion Ratio Lower Upper

136 100

137 14.3 11.1 16.7

54 37.8 17.9 26.9#

68 9.9 5.4 8.0#

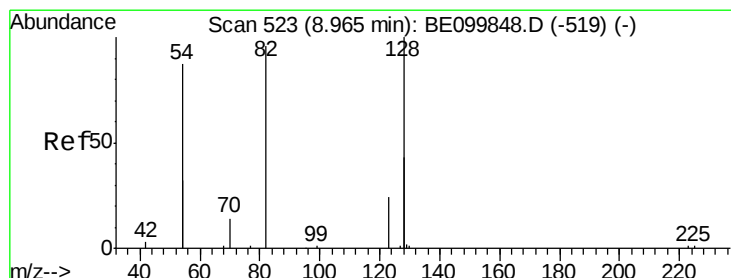
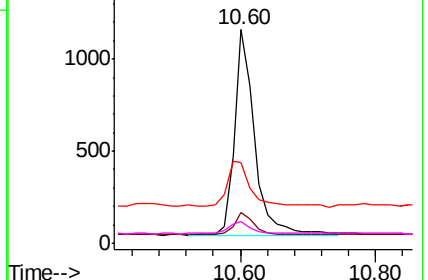
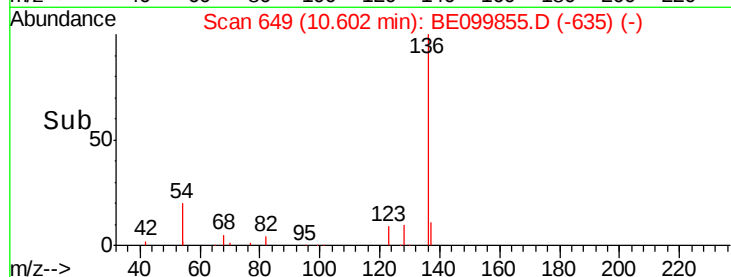


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.399 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

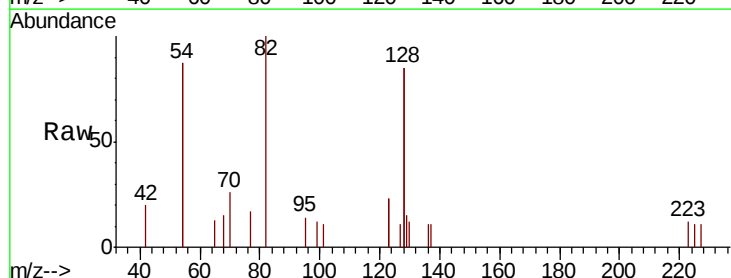
Tgt Ion: 82 Resp: 943

Ion Ratio Lower Upper

82 100

128 169.8 116.6 175.0

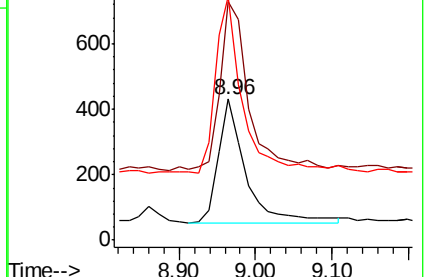
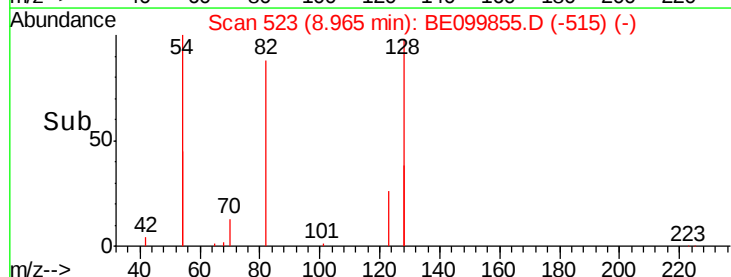
54 173.0 136.2 204.4

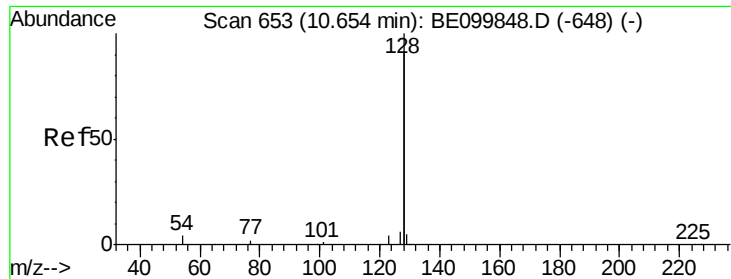


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.394 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

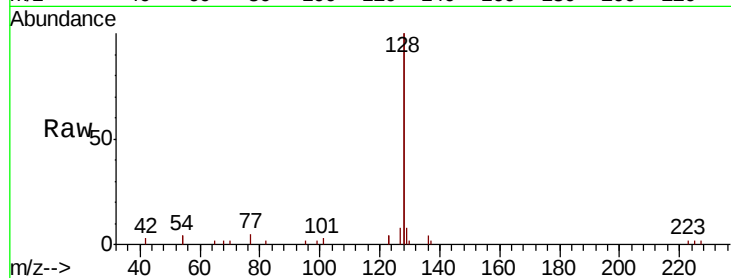
Tgt Ion:128 Resp: 10037

Ion Ratio Lower Upper

128 100

129 3.9 2.6 4.0

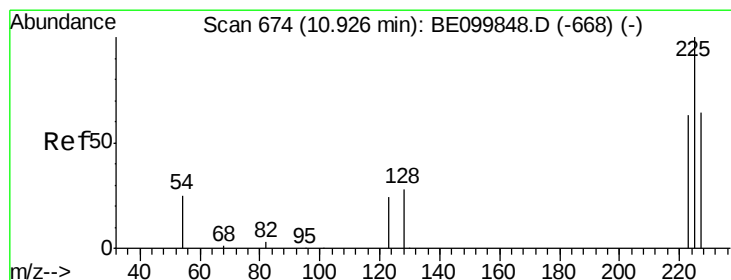
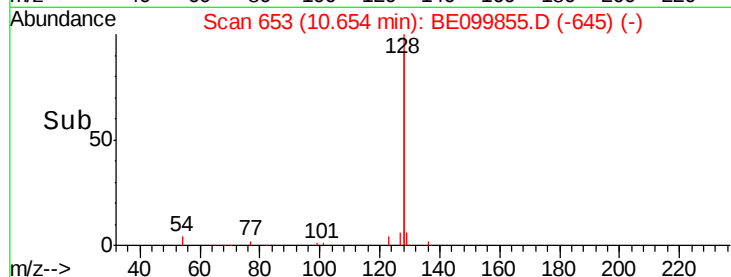
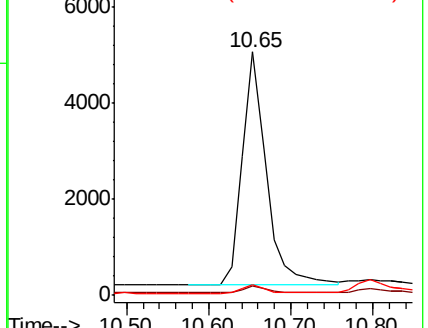
127 4.2 3.0 4.6



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: 0.399 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

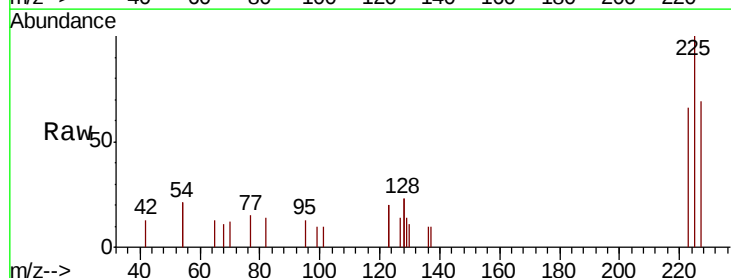
Tgt Ion:225 Resp: 748

Ion Ratio Lower Upper

225 100

223 62.7 48.6 72.8

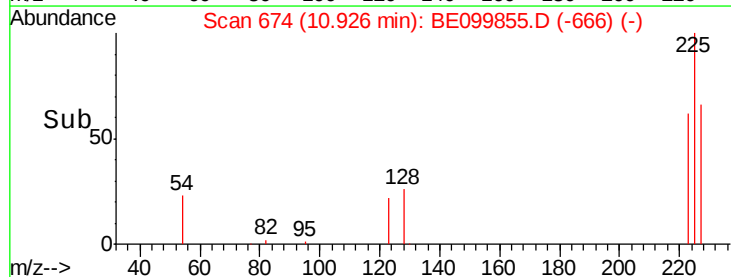
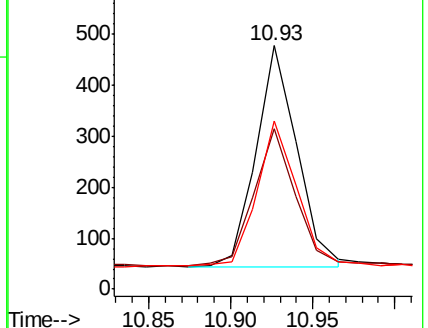
227 64.4 51.6 77.4

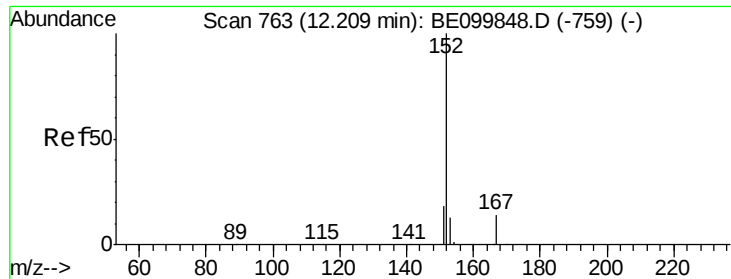


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

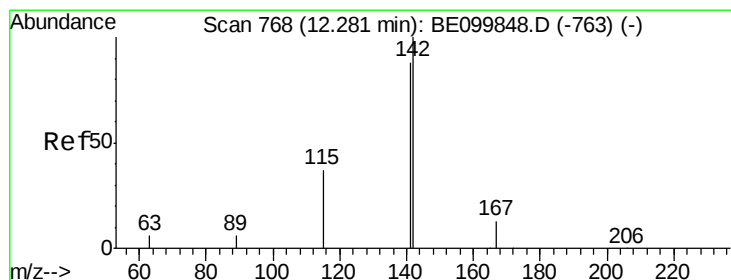
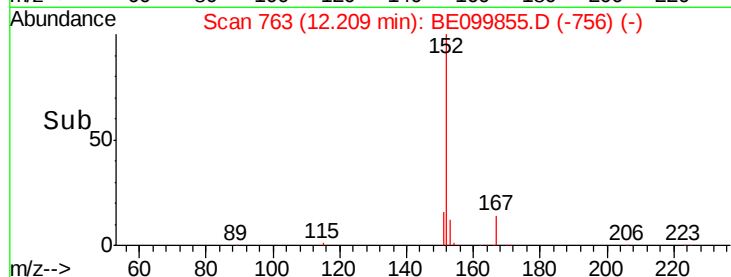
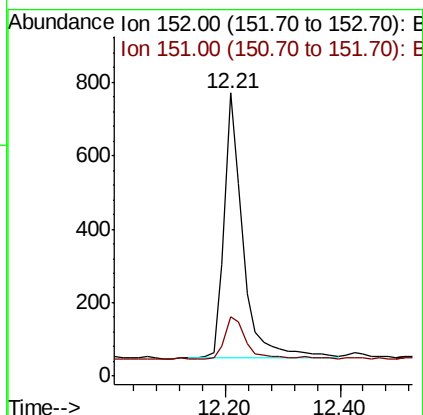
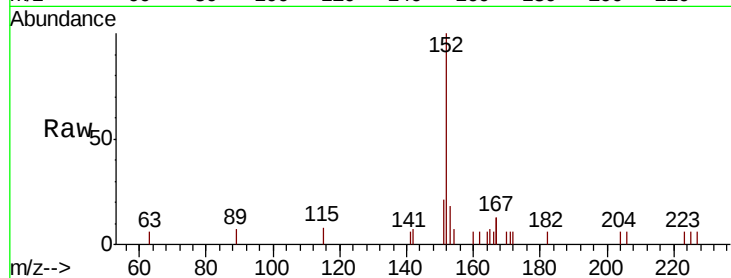




#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

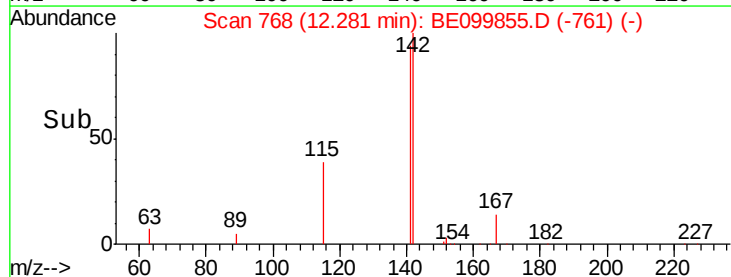
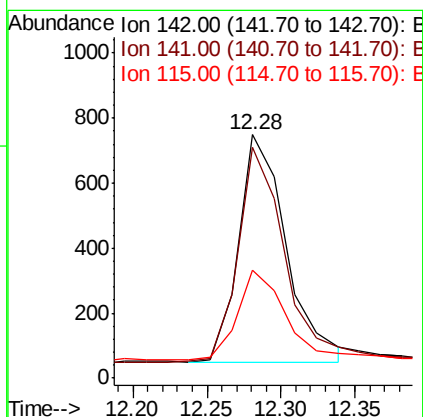
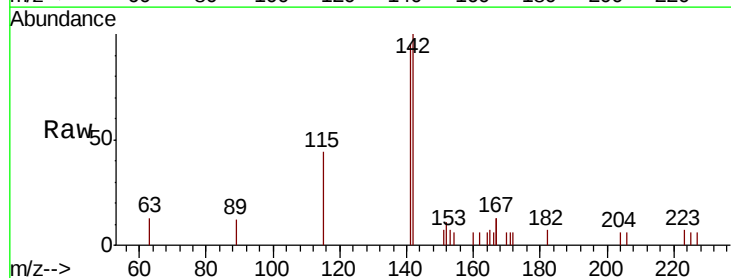
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

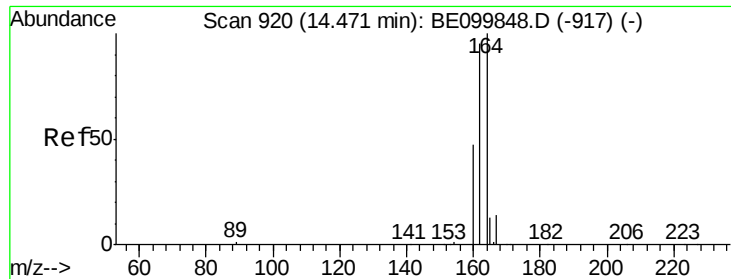
Tgt Ion:152 Resp: 1616
Ion Ratio Lower Upper
152 100
151 18.4 15.8 23.8



#12
2-Methylnaphthalene
Concen: 0.366 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion:142 Resp: 1585
Ion Ratio Lower Upper
142 100
141 94.8 73.3 109.9
115 44.5 33.4 50.2

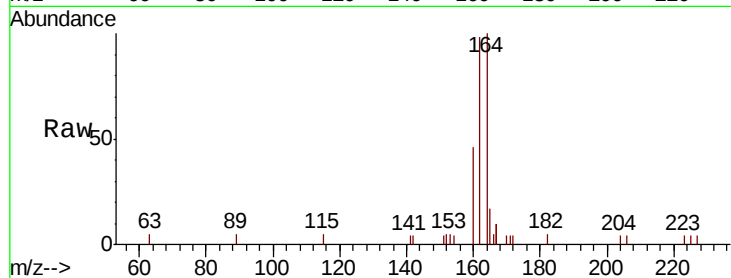




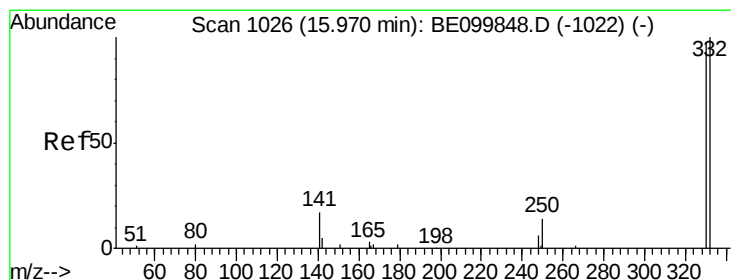
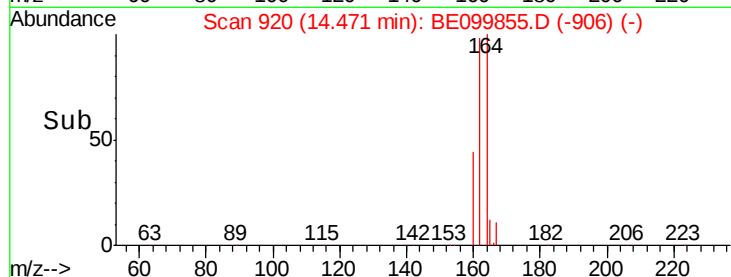
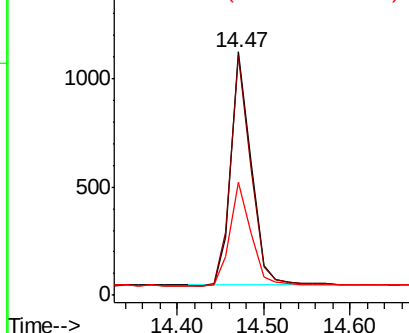
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE099855.D
 Acq: 7 Jun 2019 16:41

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:164 Resp: 1752
 Ion Ratio Lower Upper
 164 100
 162 98.5 77.2 115.8
 160 46.4 39.4 59.2

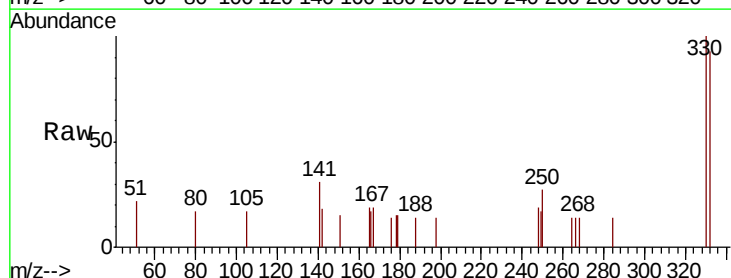


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

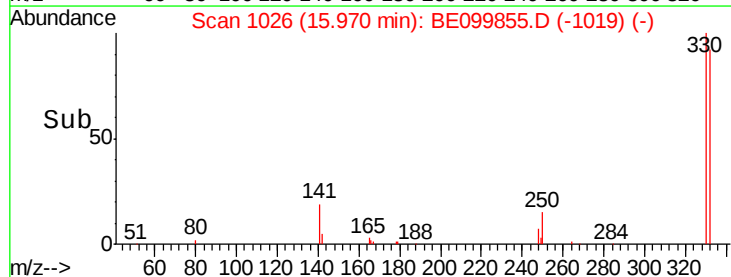
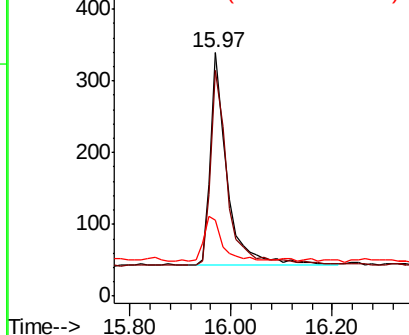


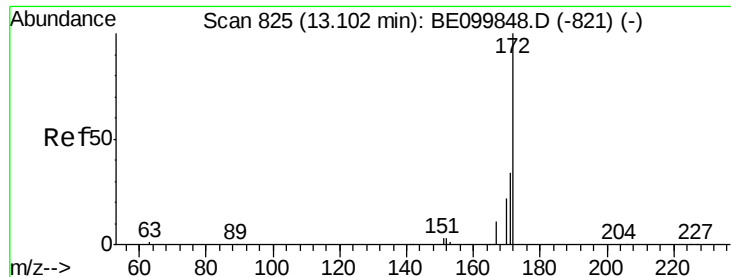
#14
 2,4,6-Tribromophenol
 Concen: 0.385 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099855.D
 Acq: 7 Jun 2019 16:41

Tgt Ion:330 Resp: 667
 Ion Ratio Lower Upper
 330 100
 332 96.6 74.9 112.3
 141 23.5 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

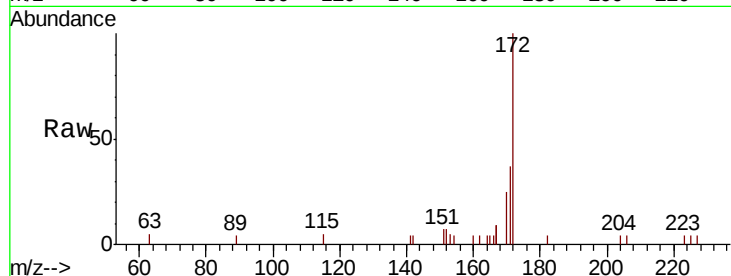




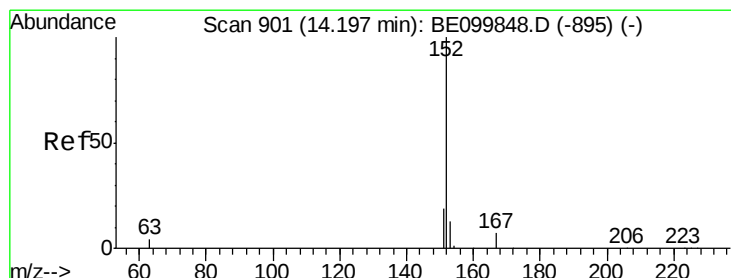
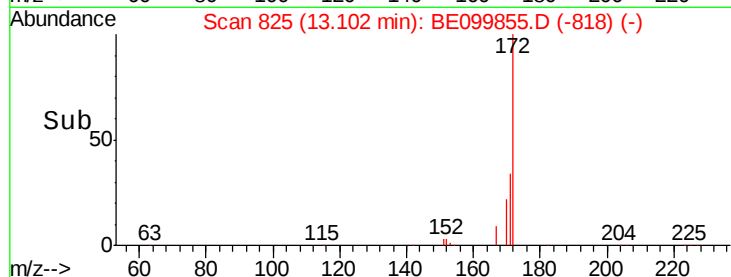
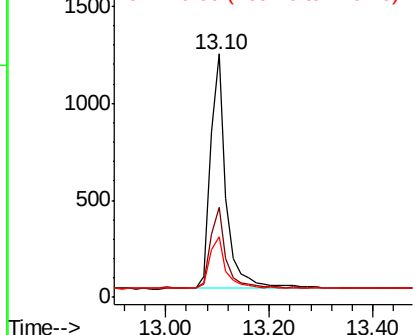
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2592
Ion Ratio Lower Upper
172 100
171 36.7 30.2 45.4
170 24.6 20.1 30.1

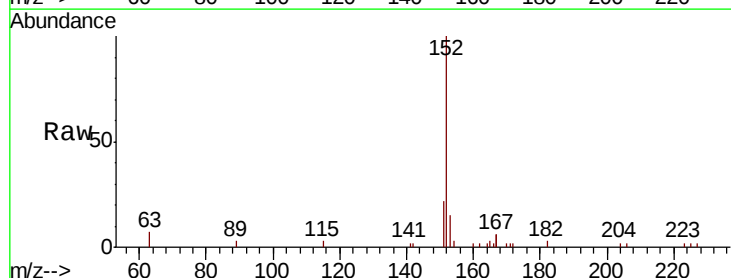


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

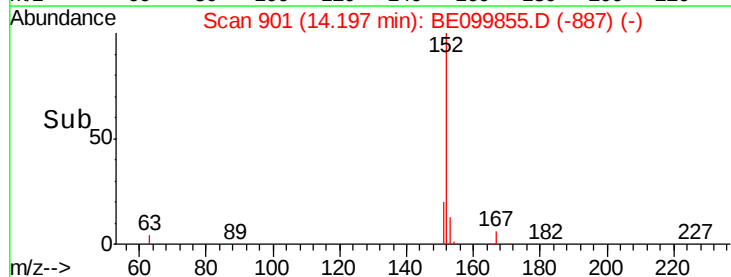
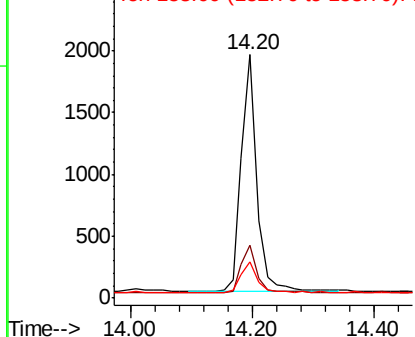


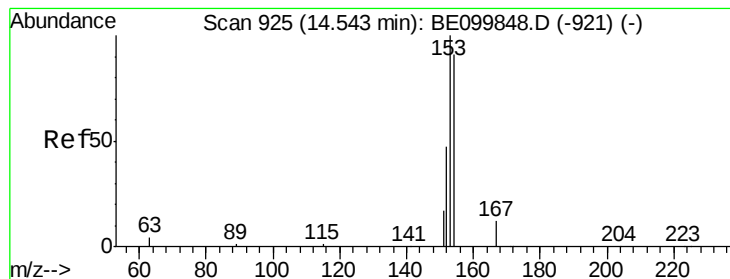
#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion:152 Resp: 3375
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.4 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: 0.389 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

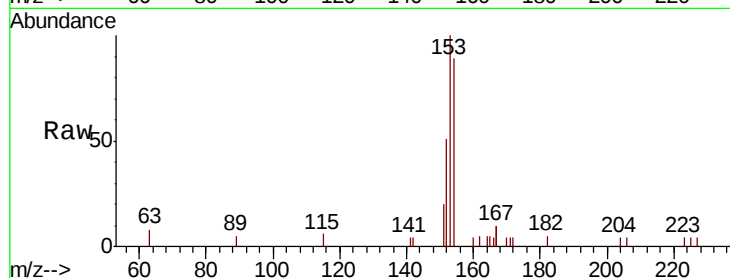
Tgt Ion:154 Resp: 1850

Ion Ratio Lower Upper

154 100

153 118.1 93.8 140.6

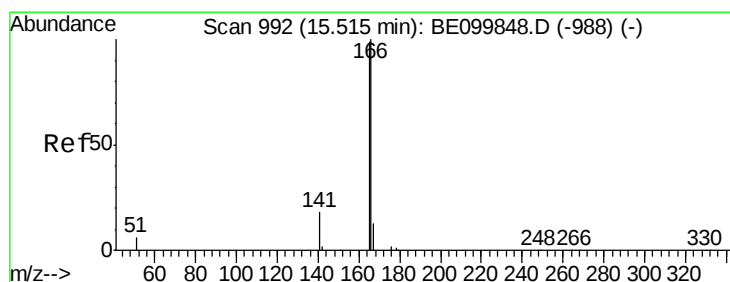
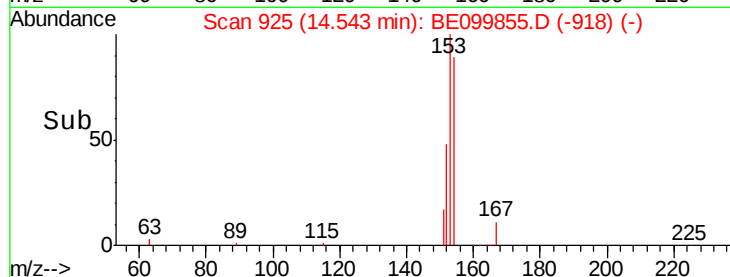
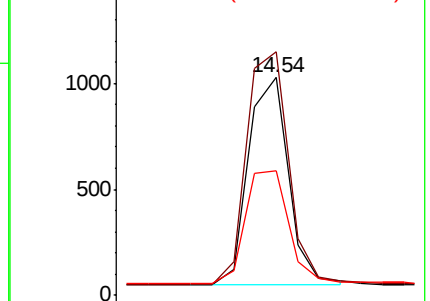
152 59.4 48.3 72.5



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: 0.392 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

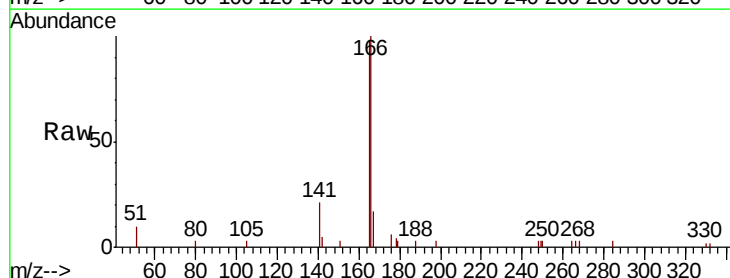
Tgt Ion:166 Resp: 2855

Ion Ratio Lower Upper

166 100

165 98.4 80.4 120.6

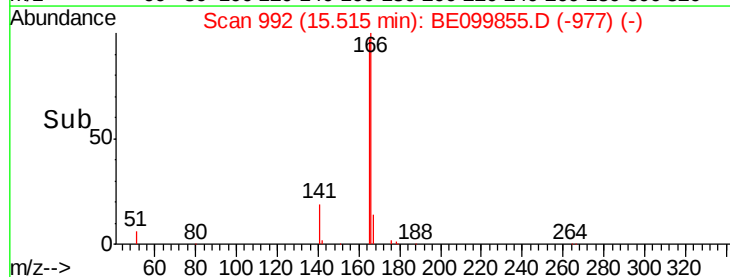
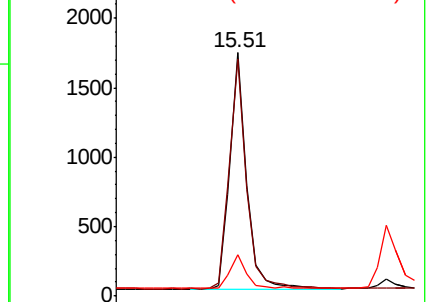
167 14.2 10.7 16.1

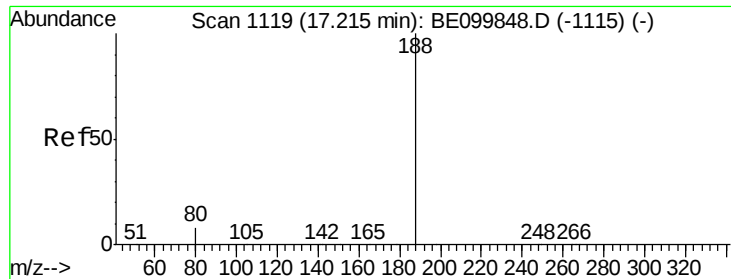


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099855.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

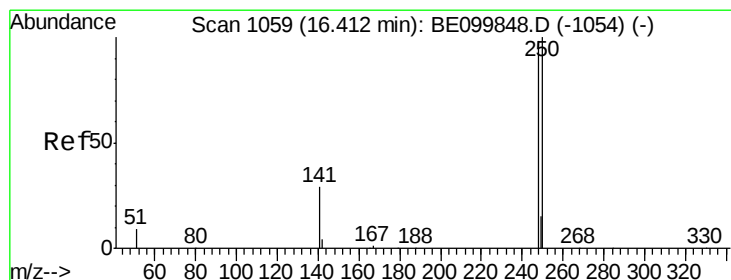
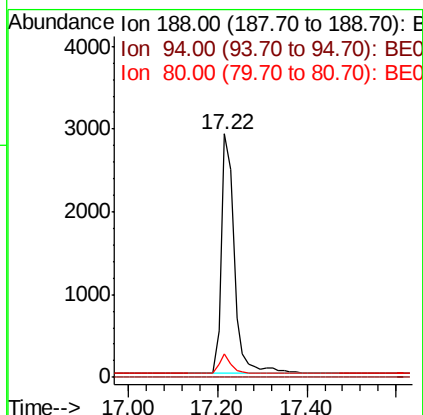
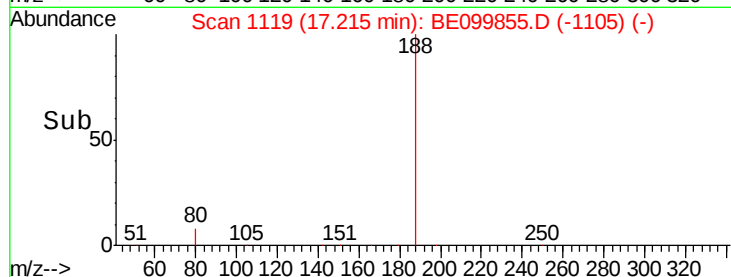
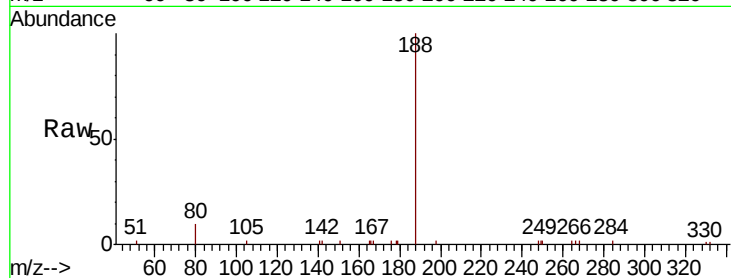
Tgt Ion:188 Resp: 5916

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.8 5.2 7.8#



#20

4-Bromophenyl-phenylether

Concen: 0.381 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

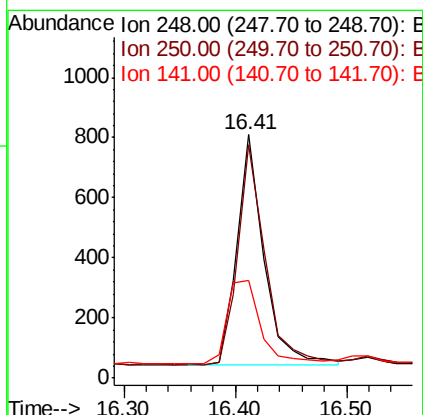
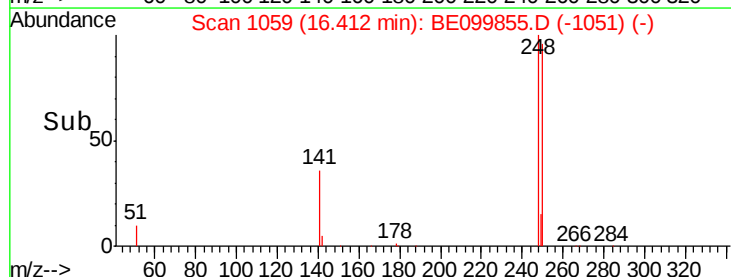
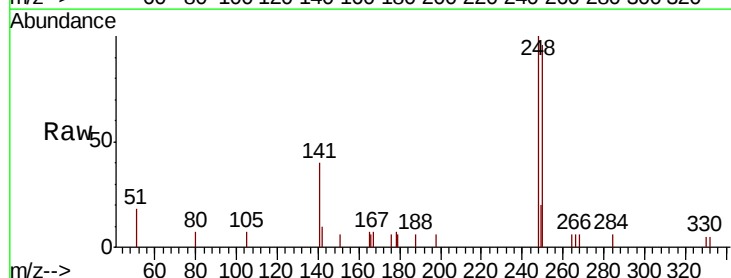
Tgt Ion:248 Resp: 1292

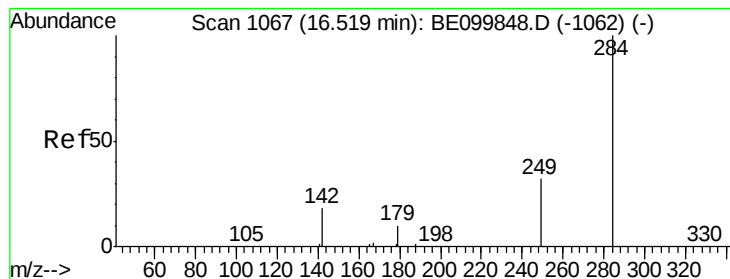
Ion Ratio Lower Upper

248 100

250 95.9 73.7 110.5

141 40.4 40.9 61.3#





#21

Hexachlorobenzene

Concen: 0.392 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

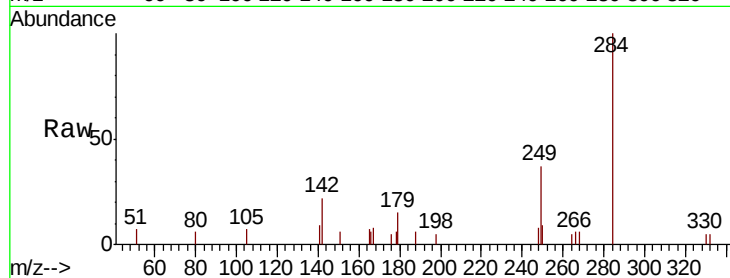
Tgt Ion:284 Resp: 1297

Ion Ratio Lower Upper

284 100

142 22.6 16.2 24.4

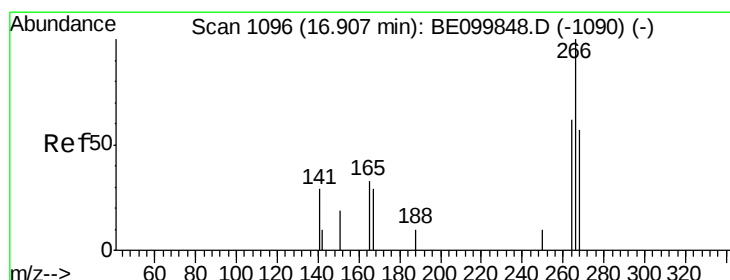
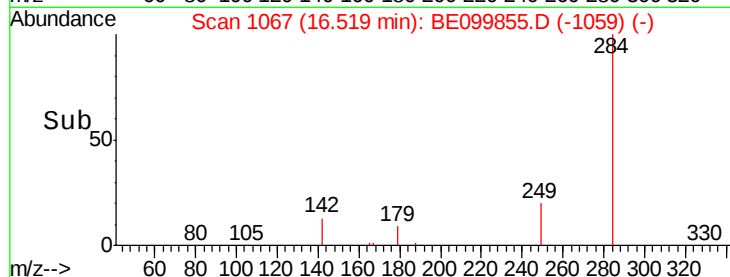
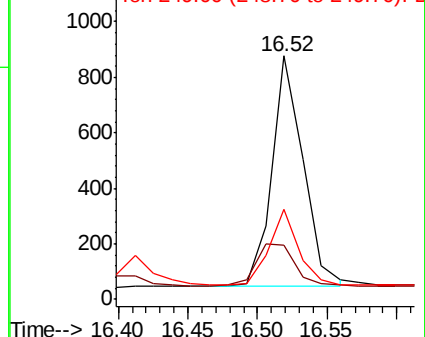
249 30.5 23.1 34.7



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: 0.493 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

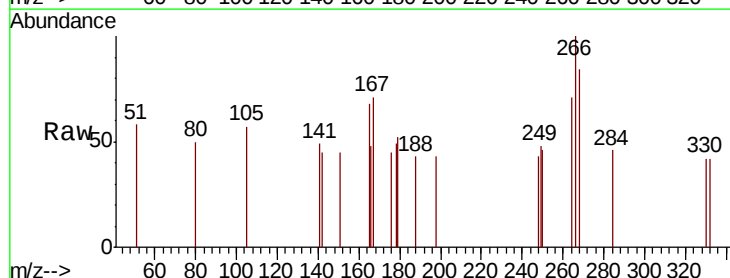
Tgt Ion:266 Resp: 319

Ion Ratio Lower Upper

266 100

264 70.8 64.9 97.3

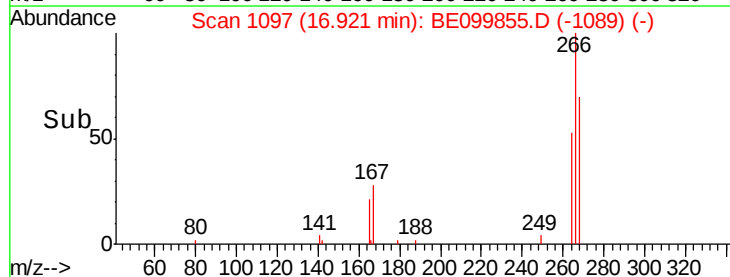
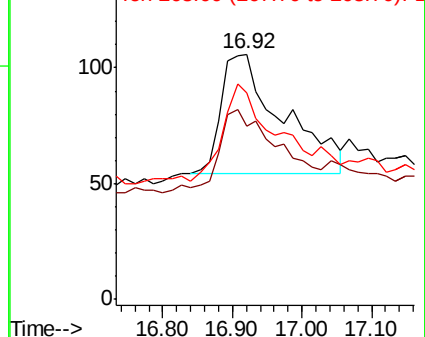
268 84.0 64.0 96.0

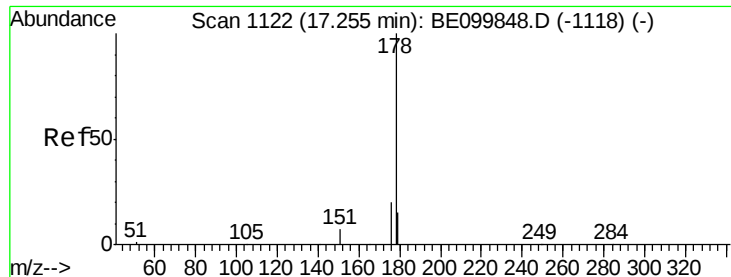


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.384 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

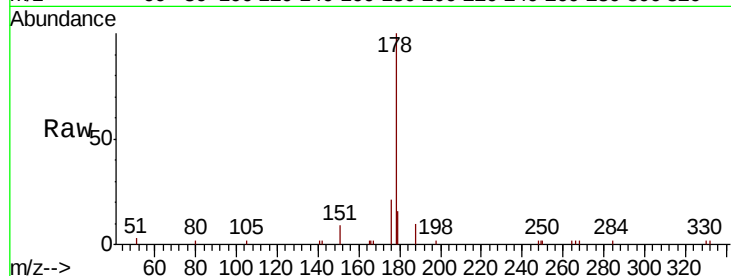
Tgt Ion:178 Resp: 5639

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

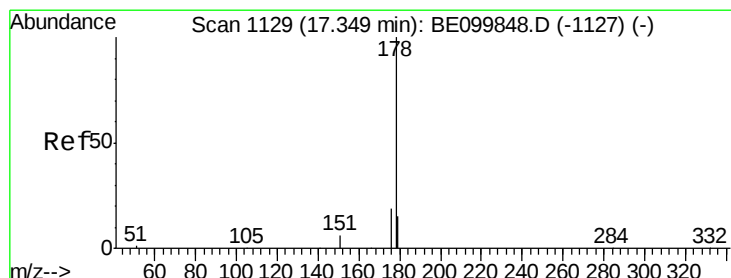
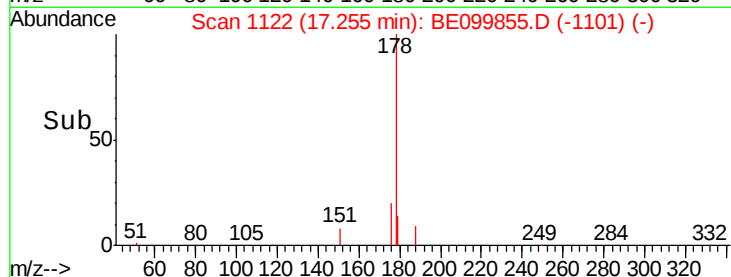
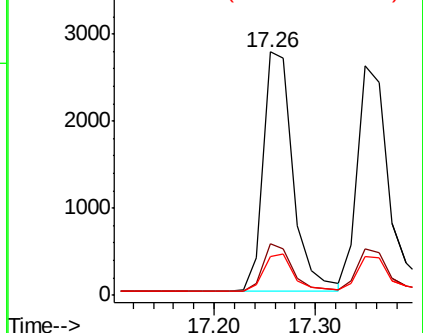
179 15.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.368 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

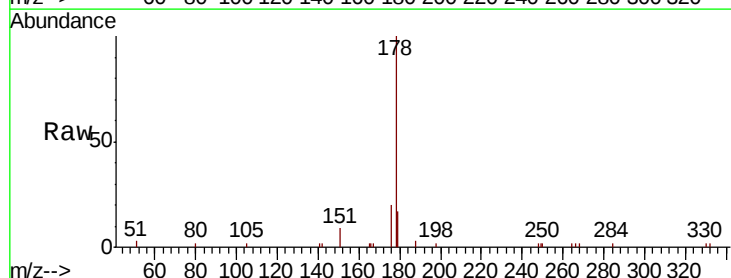
Tgt Ion:178 Resp: 5172

Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

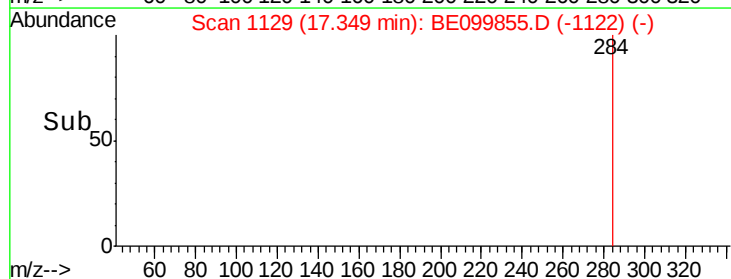
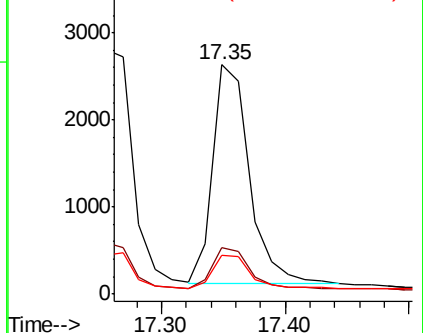
179 15.5 12.1 18.1

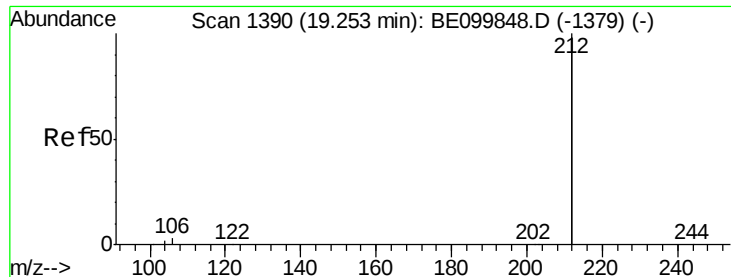


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

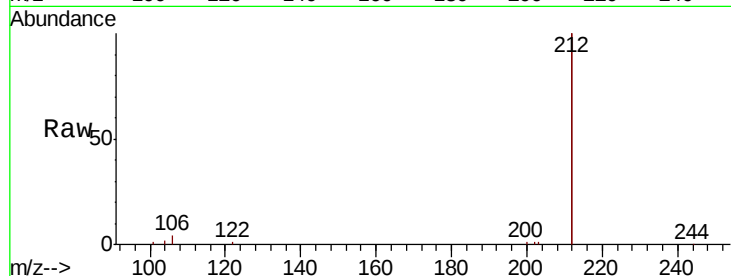
Tgt Ion:212 Resp: 34490

Ion Ratio Lower Upper

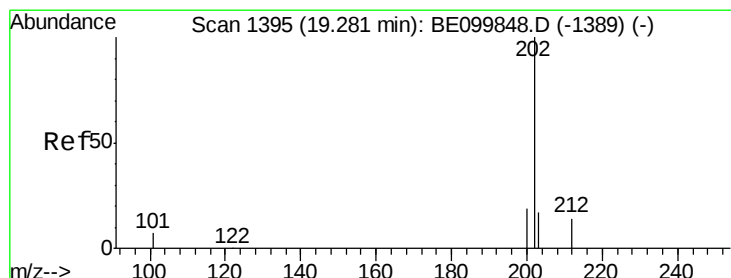
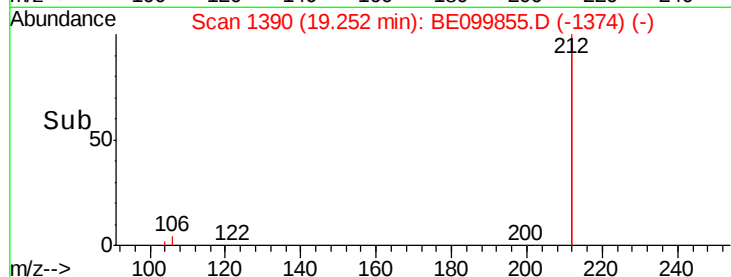
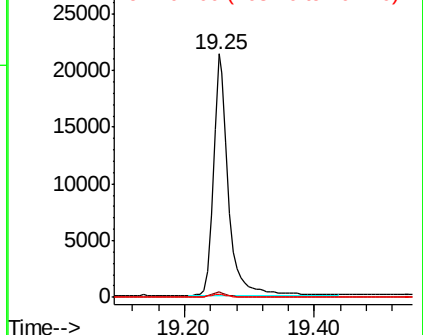
212 100

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: 0.379 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

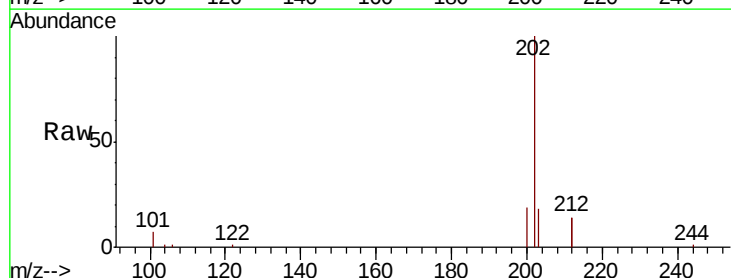
Tgt Ion:202 Resp: 9809

Ion Ratio Lower Upper

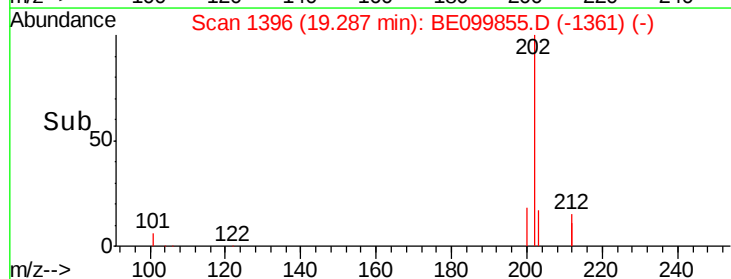
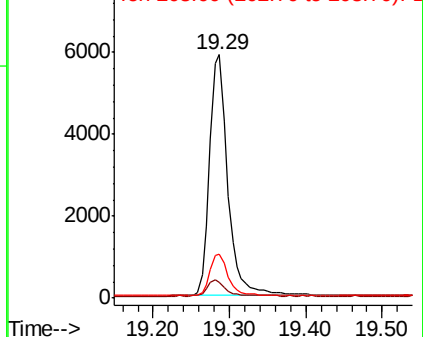
202 100

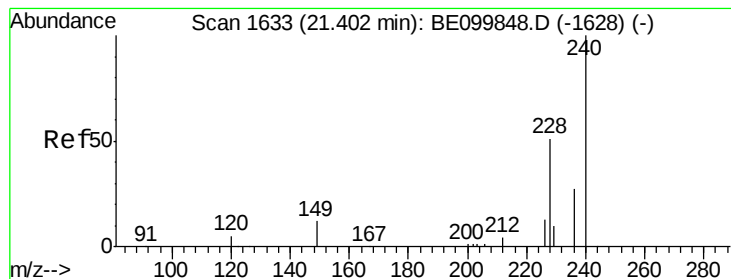
101 6.7 5.2 7.8

203 17.2 13.6 20.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

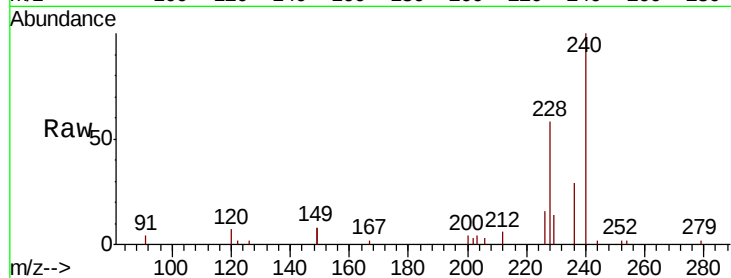
Tgt Ion:240 Resp: 9404

Ion Ratio Lower Upper

240 100

120 6.8 2.8 4.2#

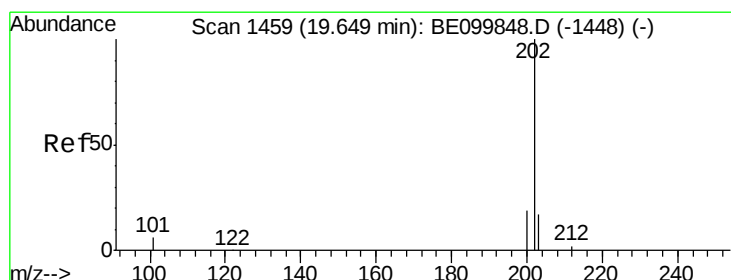
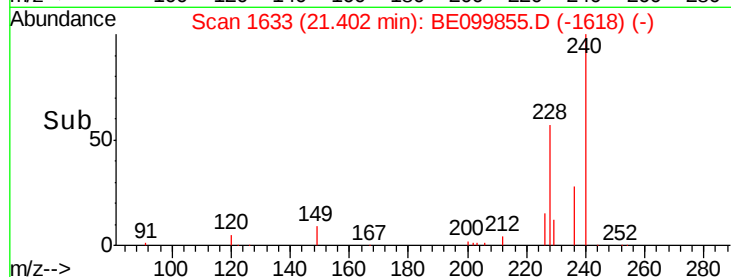
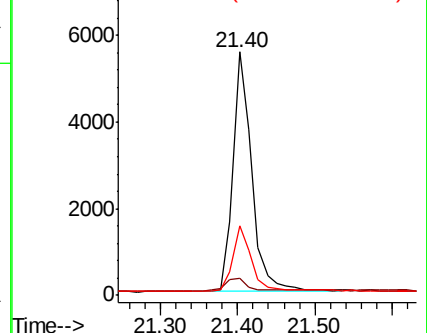
236 28.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.418 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

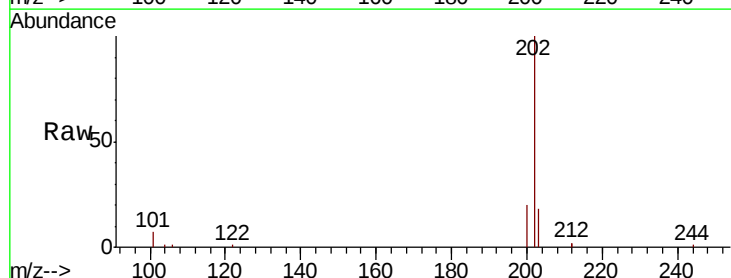
Tgt Ion:202 Resp: 10411

Ion Ratio Lower Upper

202 100

200 19.7 15.6 23.4

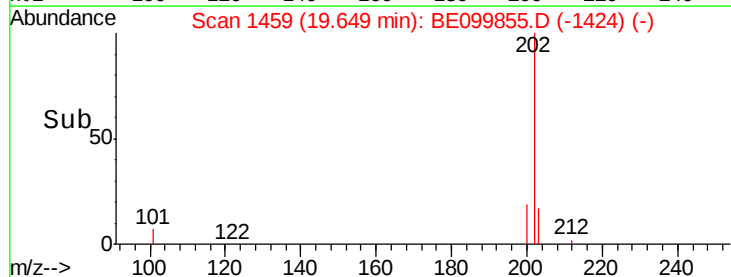
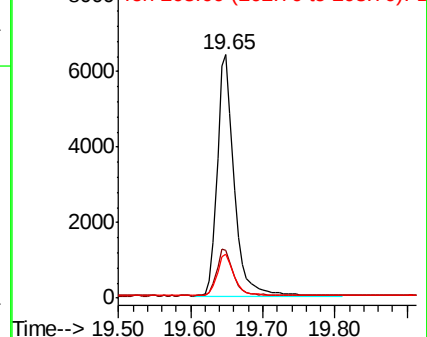
203 17.2 14.1 21.1

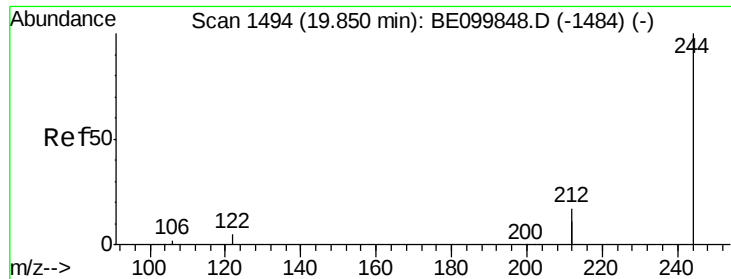


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.407 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

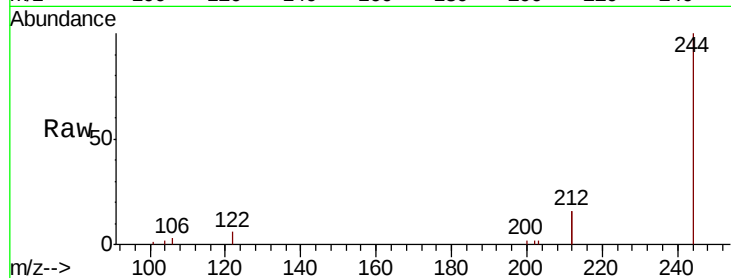
Tgt Ion:244 Resp: 7140

Ion Ratio Lower Upper

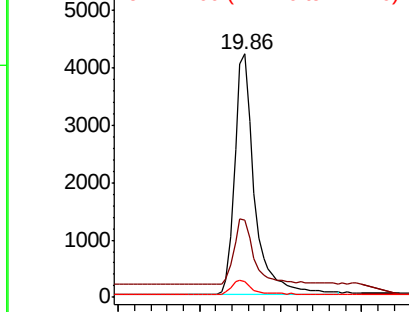
244 100

212 31.5 23.7 35.5

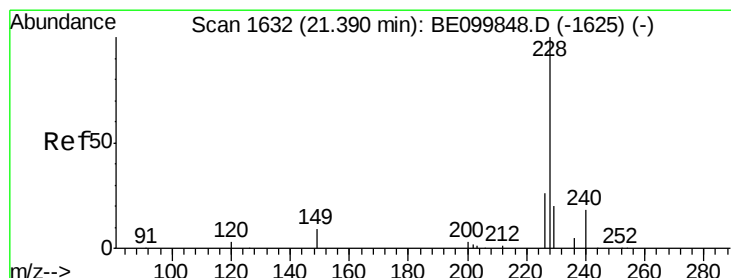
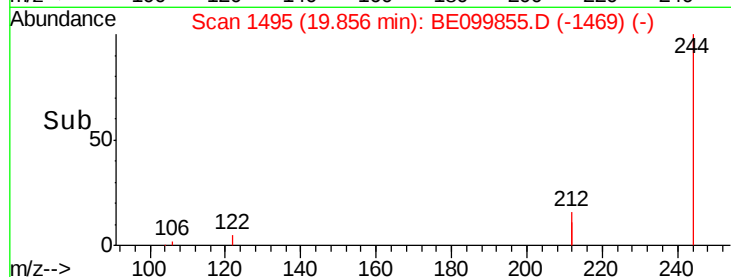
122 6.4 4.8 7.2



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



Time--> 19.70 19.80 19.90 20.00



#30

Benzo(a)anthracene

Concen: 0.410 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

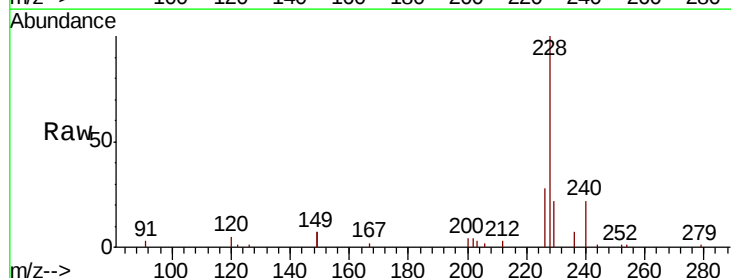
Tgt Ion:228 Resp: 12238

Ion Ratio Lower Upper

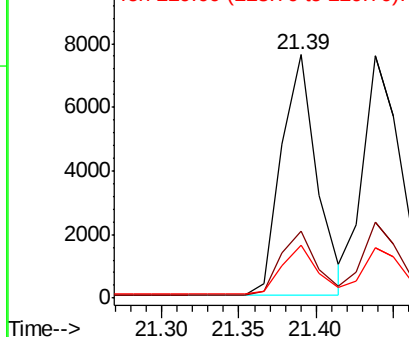
228 100

226 27.6 21.6 32.4

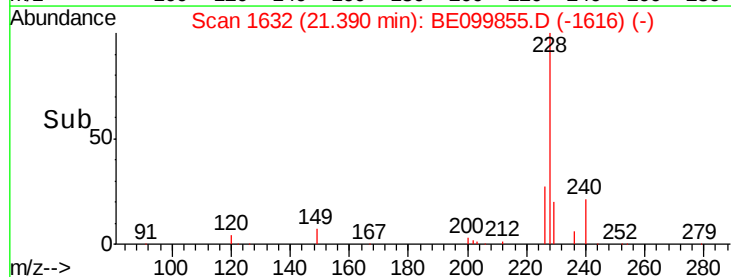
229 21.7 15.8 23.6

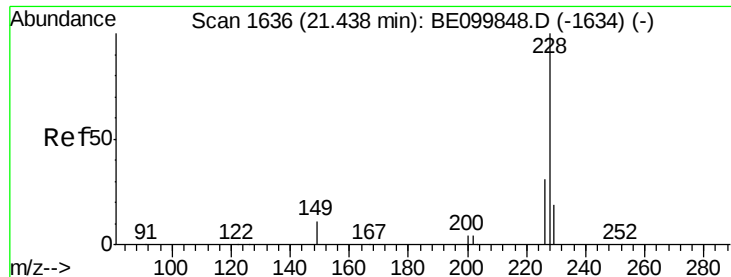


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time--> 21.30 21.35 21.40





#31

Chrysene

Concen: 0.441 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

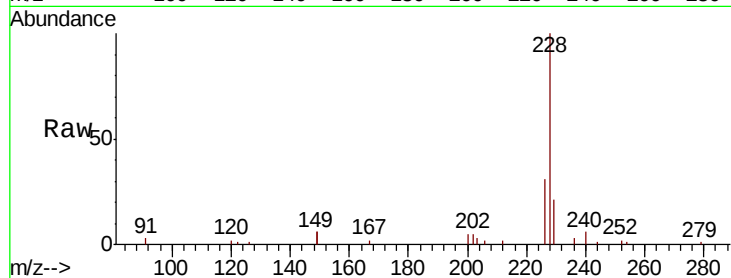
Tgt Ion:228 Resp: 12943

Ion Ratio Lower Upper

228 100

226 31.2 22.9 34.3

229 20.8 16.4 24.6

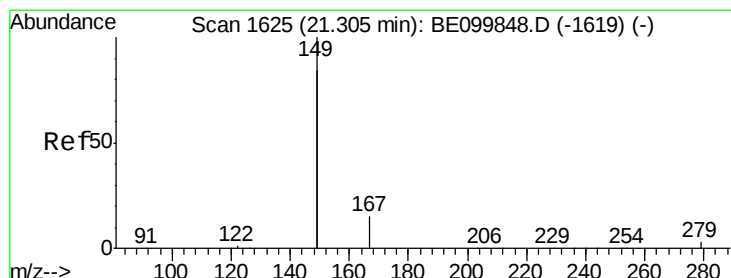
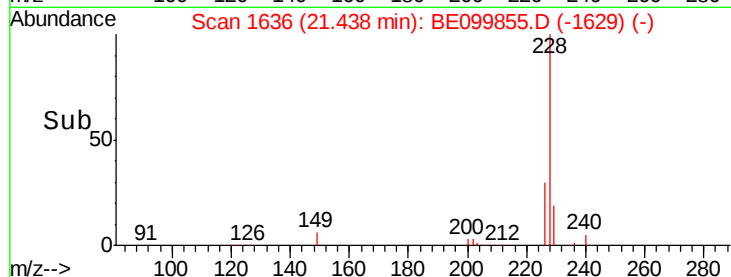
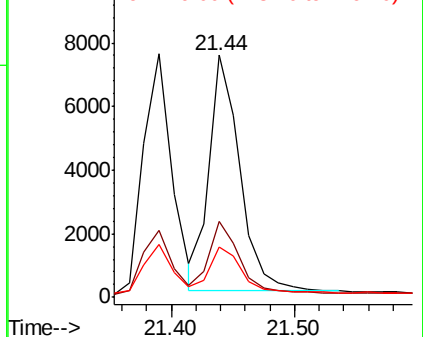


Abundance

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: 0.426 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

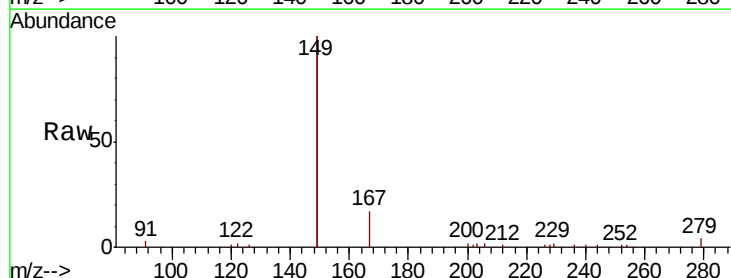
Tgt Ion:149 Resp: 20767

Ion Ratio Lower Upper

149 100

167 7.7 6.0 9.0

279 1.4 1.2 1.8

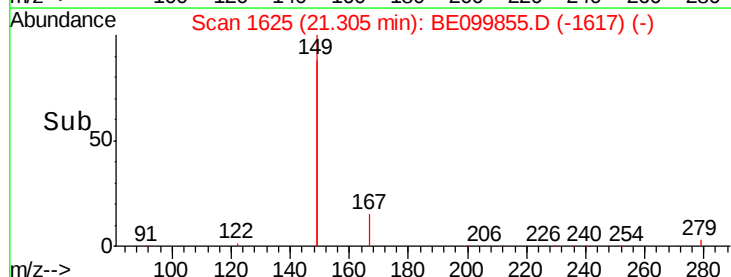
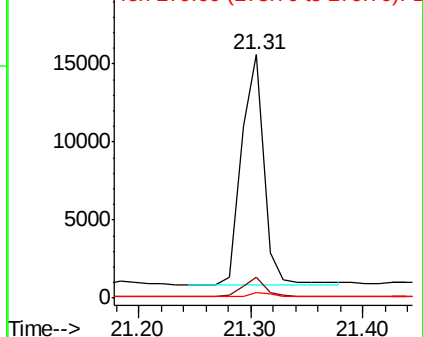


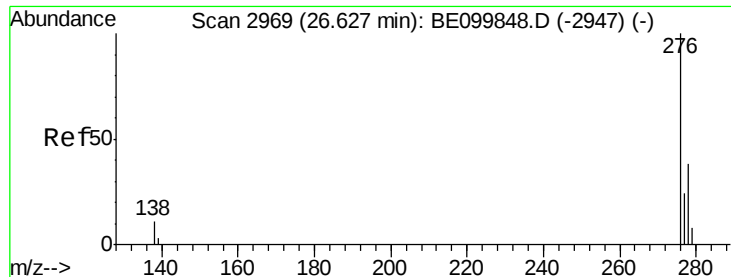
Abundance

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: 0.432 ng

RT: 26.62 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

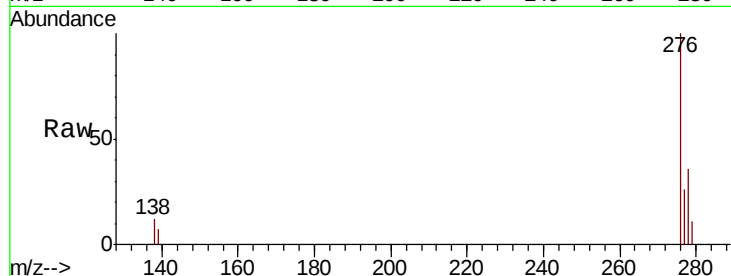
Tgt Ion:276 Resp: 15441

Ion Ratio Lower Upper

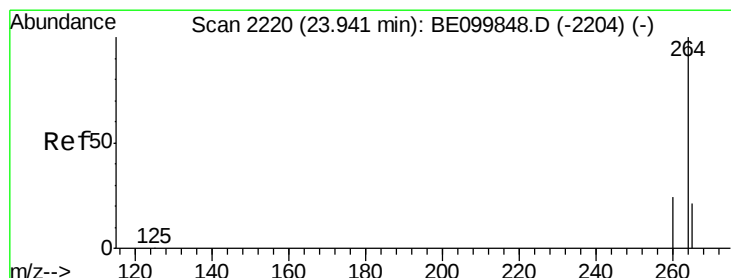
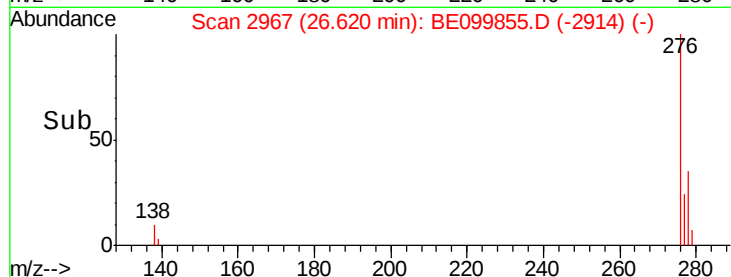
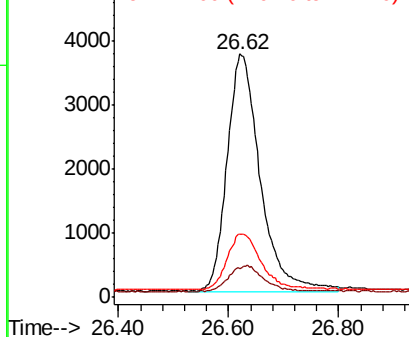
276 100

138 11.2 10.3 15.5

277 23.8 19.4 29.2



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: 23.94 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

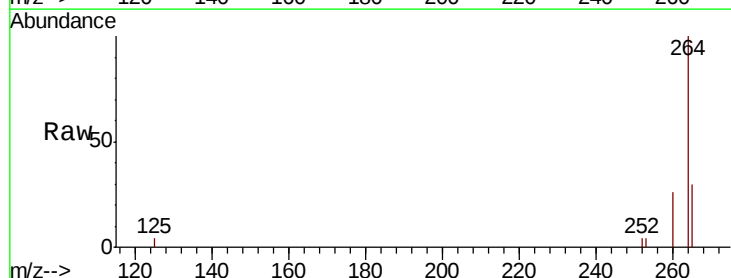
Tgt Ion:264 Resp: 11423

Ion Ratio Lower Upper

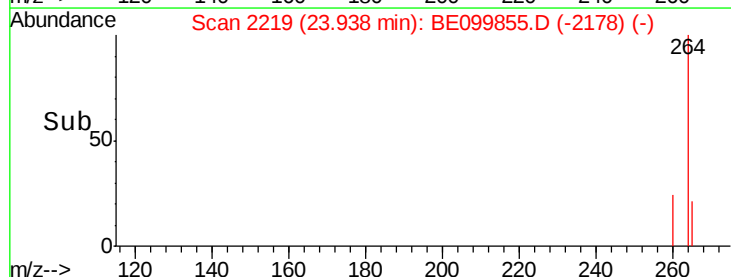
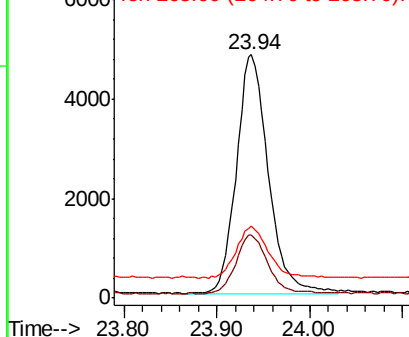
264 100

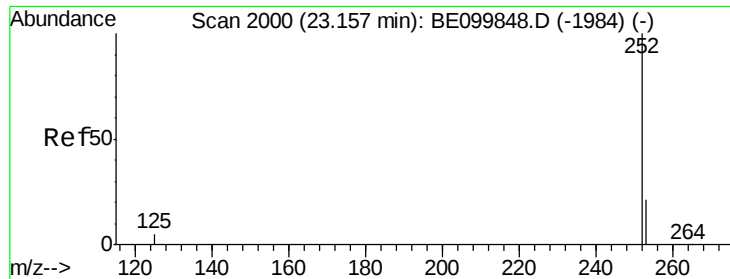
260 25.9 20.0 30.0

265 29.7 20.7 31.1



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: 0.385 ng

RT: 23.15 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

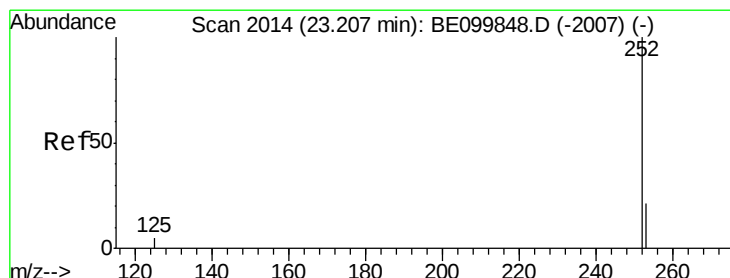
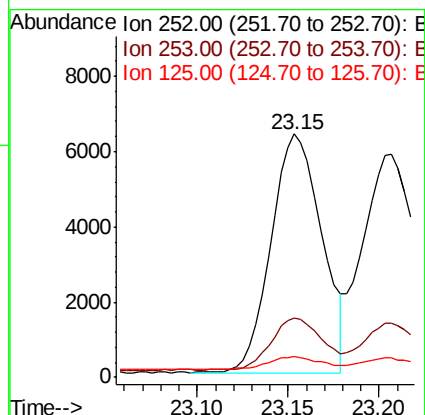
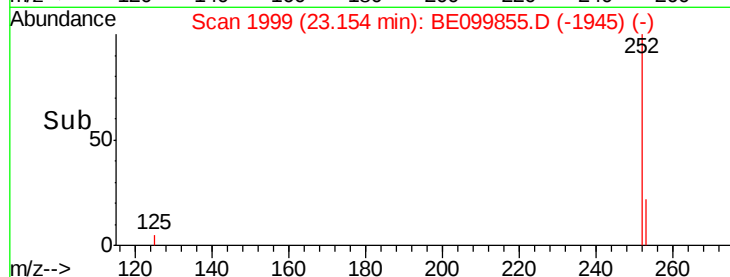
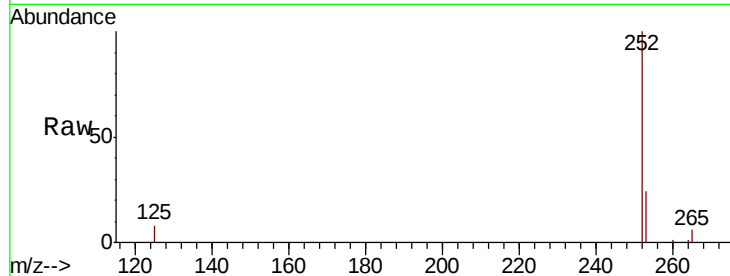
Tgt Ion:252 Resp: 12210

Ion Ratio Lower Upper

252 100

253 24.1 18.9 28.3

125 8.3 7.6 11.4



#36

Benzo(k)fluoranthene

Concen: 0.395 ng

RT: 23.21 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

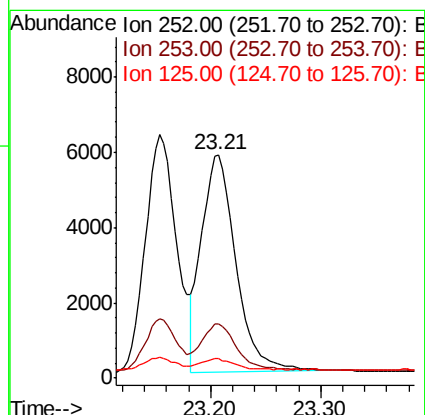
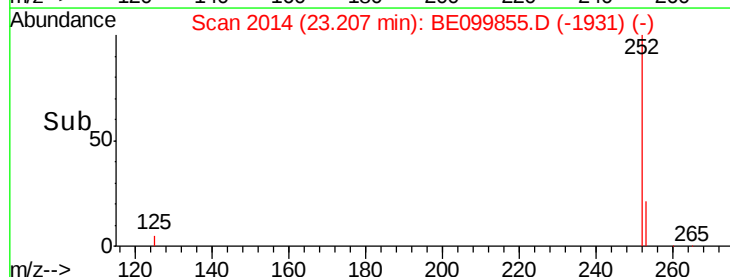
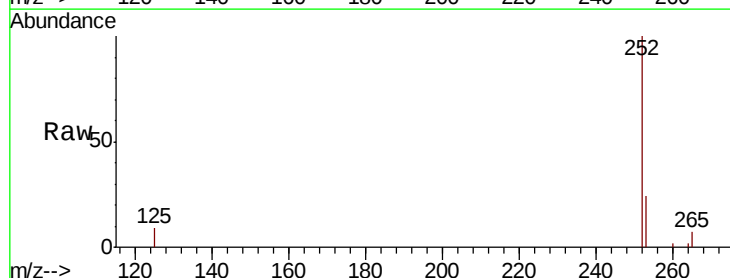
Tgt Ion:252 Resp: 12549

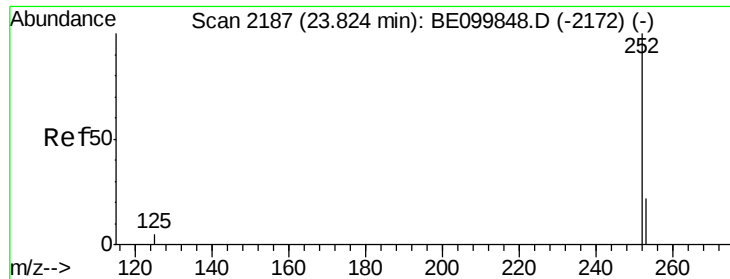
Ion Ratio Lower Upper

252 100

253 24.3 18.4 27.6

125 8.7 4.6 7.0#





#37

Benzo(a)pyrene

Concen: 0.399 ng

RT: 23.82 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

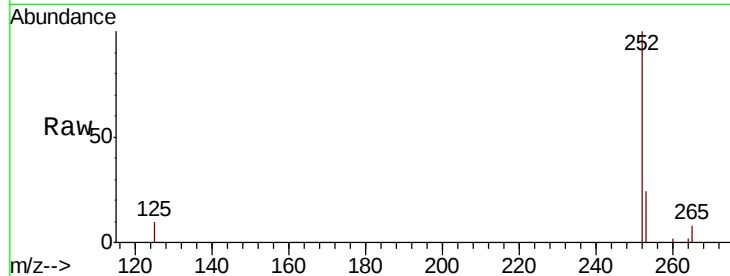
Tgt Ion:252 Resp: 12296

Ion Ratio Lower Upper

252 100

253 24.4 19.3 28.9

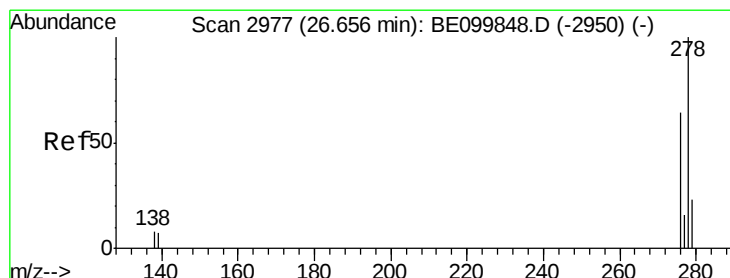
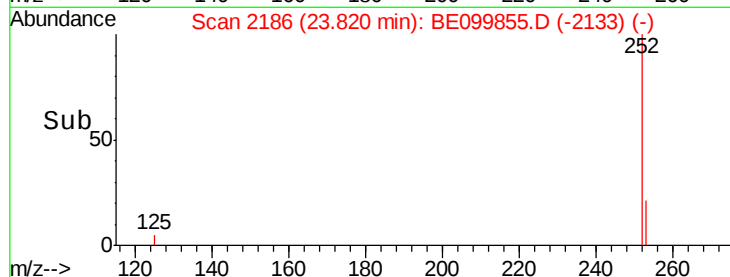
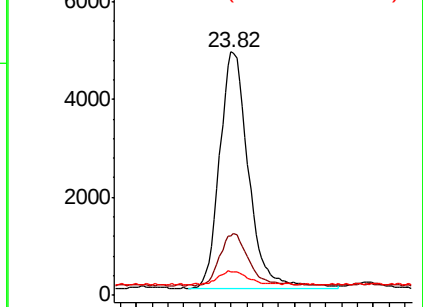
125 9.8 10.2 15.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.390 ng

RT: 26.65 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

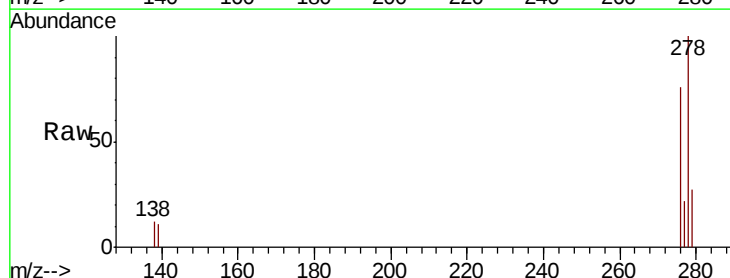
Tgt Ion:278 Resp: 12266

Ion Ratio Lower Upper

278 100

139 11.2 7.9 11.9

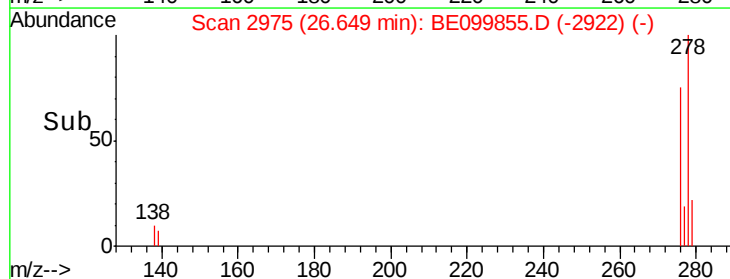
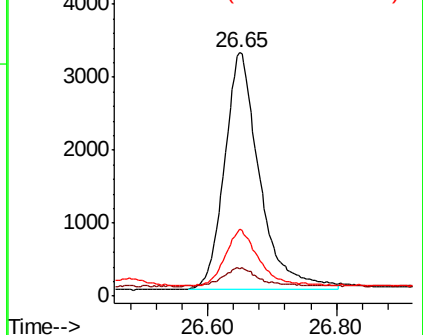
279 27.5 18.5 27.7

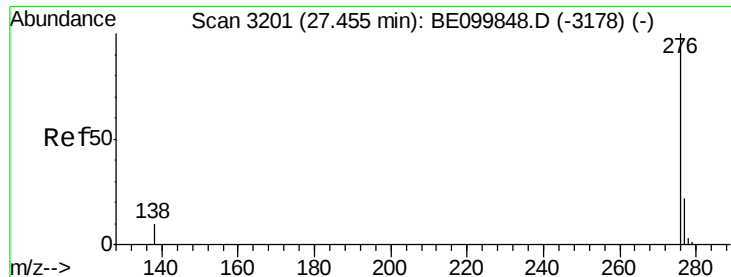


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.403 ng

RT: 27.45 min Scan# 3200

Delta R.T. -0.01 min

Lab File: BE099855.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

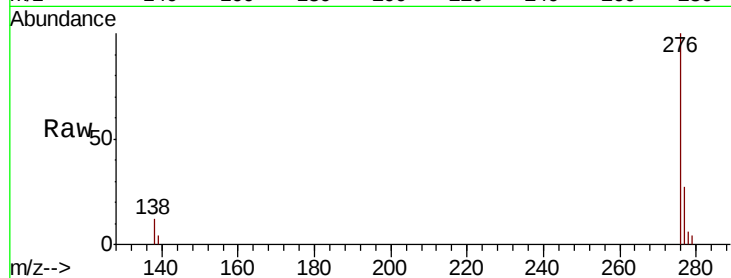
Tgt Ion: 276 Resp: 12877

Ion Ratio Lower Upper

276 100

277 27.5 19.6 29.4

138 12.4 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

