

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
 Data File : BE099873.D
 Acq On : 8 Jun 2019 5:58
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Quant Time: Jun 08 07:29:06 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	740	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2713	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	1979	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6394	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	9795	0.40	ng	-0.01
34) Perylene-d12	23.93	264	11692	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	853	0.34	ng	0.00
5) Phenol-d6	6.96	99	1030	0.34	ng	0.00
8) Nitrobenzene-d5	8.96	82	1007	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1890	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	566	0.29	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2971	0.42	ng	0.00
25) Fluoranthene-d10	19.25	212	35814	0.36	ng	0.00
29) Terphenyl-d14	19.85	244	7129	0.39	ng	0.00

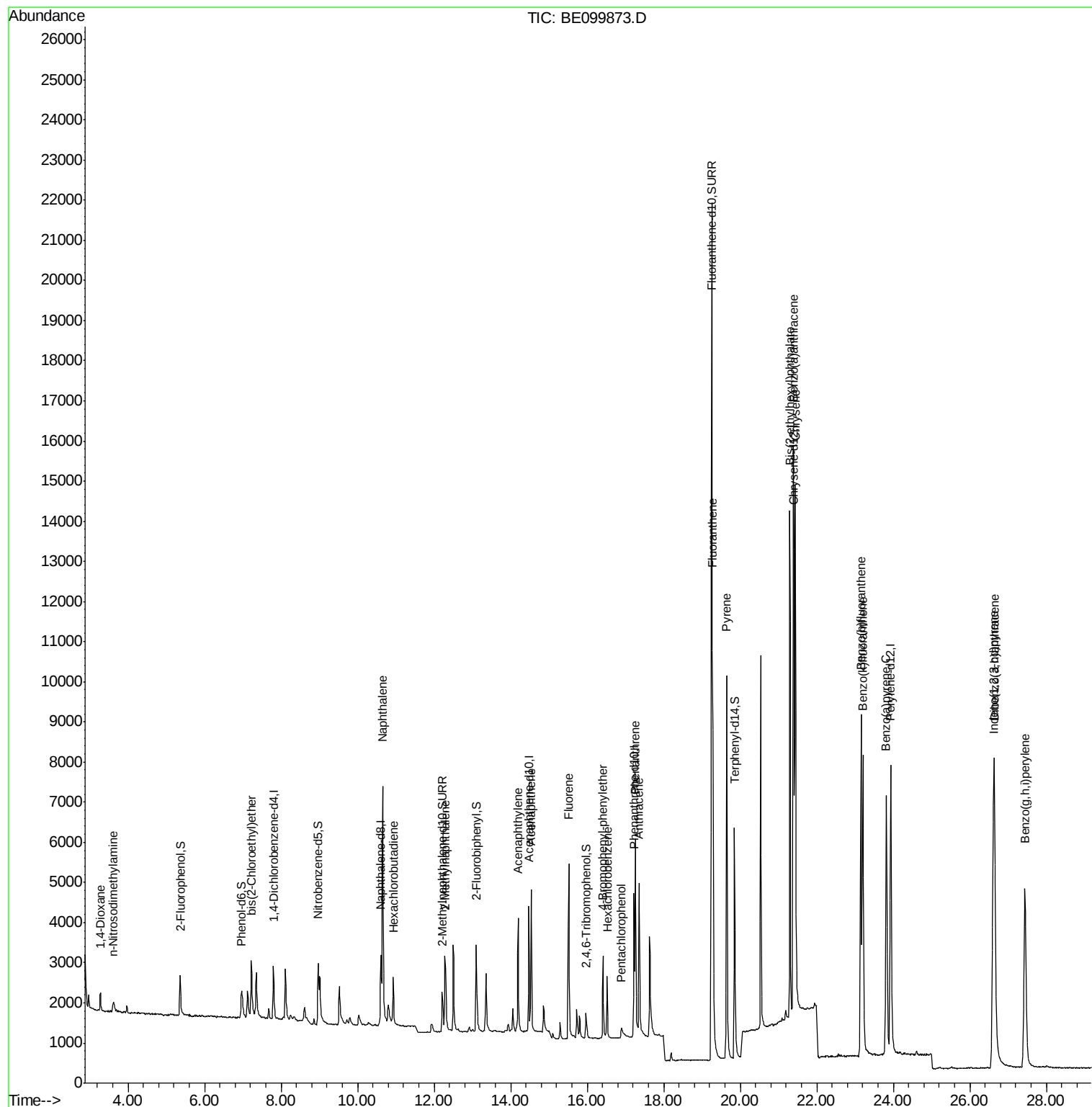
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	394	0.377	ng	# 94
3) n-Nitrosodimethylamine	3.61	42	206	0.292	ng	80
6) bis(2-Chloroethyl)ether	7.22	93	860	0.383	ng	86
9) Naphthalene	10.65	128	11812	0.401	ng	99
10) Hexachlorobutadiene	10.93	225	873	0.403	ng	96
12) 2-Methylnaphthalene	12.28	142	1866	0.372	ng	99
16) Acenaphthylene	14.20	152	3862	0.394	ng	100
17) Acenaphthene	14.53	154	2143	0.399	ng	97
18) Fluorene	15.51	166	3145	0.383	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1403	0.383	ng	# 92
21) Hexachlorobenzene	16.52	284	1443	0.404	ng	95
22) Pentachlorophenol	16.89	266	421	0.549	ng	96
23) Phenanthrene	17.26	178	6079	0.383	ng	100
24) Anthracene	17.35	178	5272	0.347	ng	99
26) Fluoranthene	19.28	202	10325	0.369	ng	100
28) Pyrene	19.64	202	10638	0.410	ng	100
30) Benzo(a)anthracene	21.39	228	12487	0.401	ng	98
31) Chrysene	21.44	228	13482	0.441	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	16901	0.333	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	15781	0.424	ng	99
35) Benzo(b)fluoranthene	23.15	252	12583	0.388	ng	# 98
36) Benzo(k)fluoranthene	23.20	252	13256	0.408	ng	99
37) Benzo(a)pyrene	23.82	252	12447	0.395	ng	# 96
38) Dibenzo(a,h)anthracene	26.64	278	12735	0.395	ng	97
39) Benzo(g,h,i)perylene	27.44	276	13269	0.405	ng	98

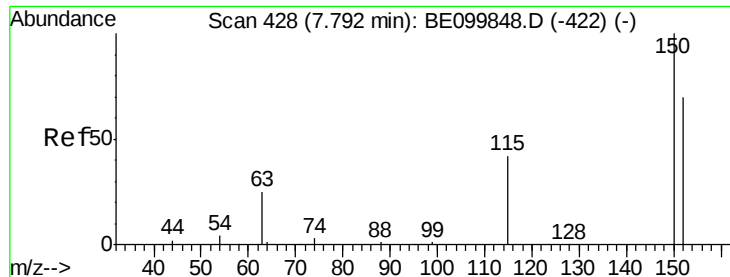
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 07 15:25:21 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

DFTPP

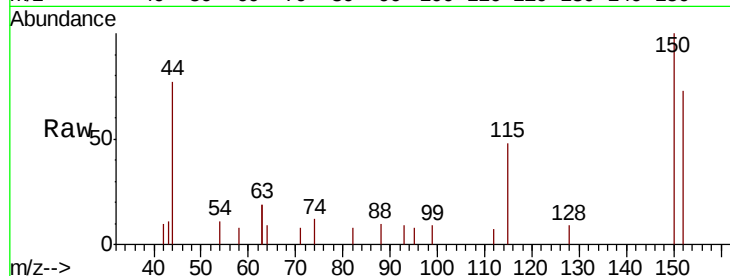
Tgt Ion:152 Resp: 740

Ion Ratio Lower Upper

152 100

150 136.3 112.8 169.2

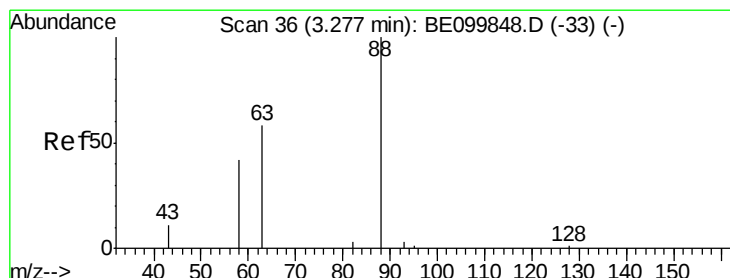
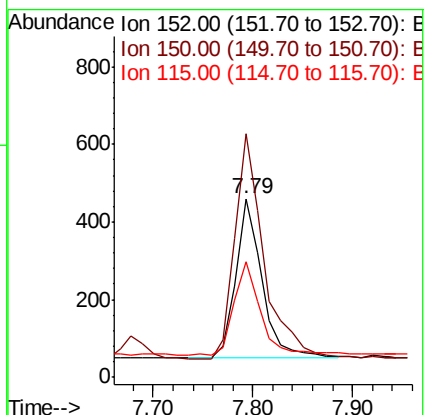
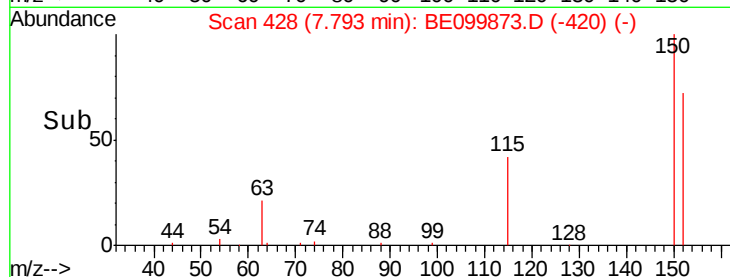
115 64.8 47.6 71.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.377 ng

RT: 3.28 min Scan# 36

Delta R.T. 0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

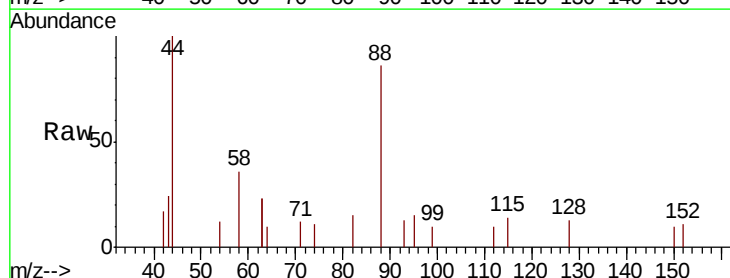
Tgt Ion: 88 Resp: 394

Ion Ratio Lower Upper

88 100

58 60.4 47.3 70.9

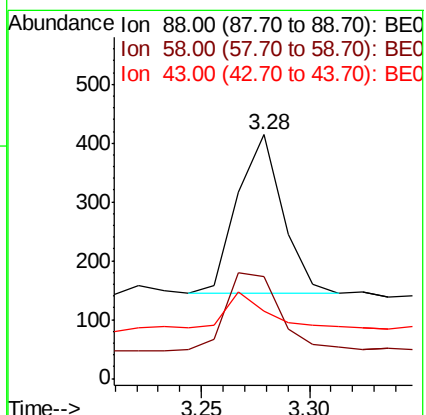
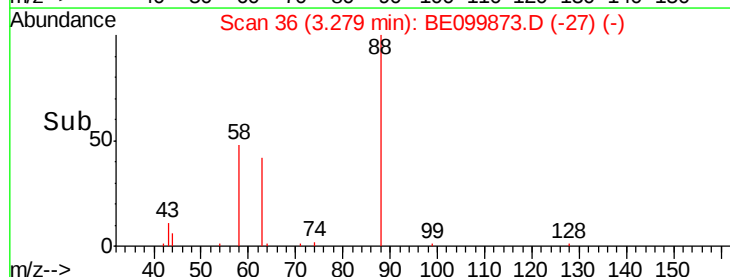
43 30.2 18.2 27.4#

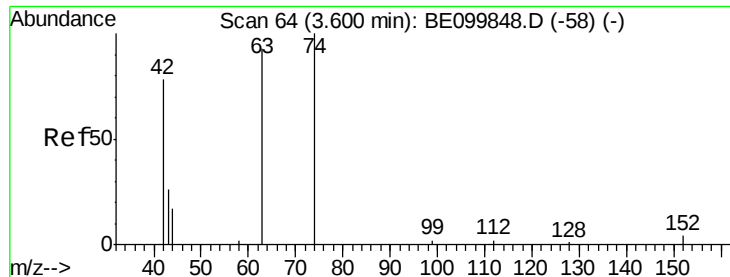


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.292 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

DFTPP

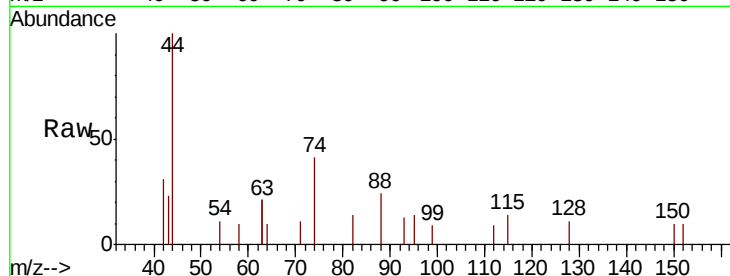
Tgt Ion: 42 Resp: 206

Ion Ratio Lower Upper

42 100

74 194.2 132.6 198.8

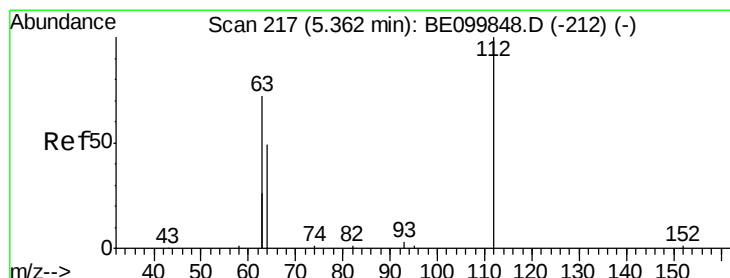
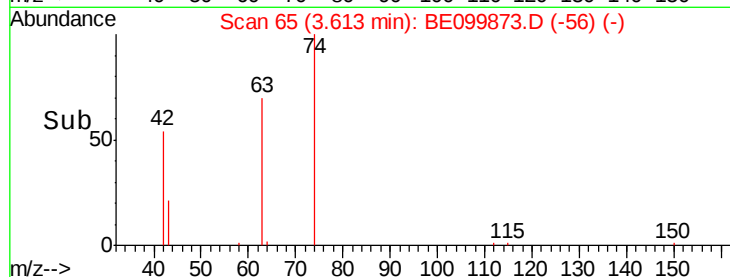
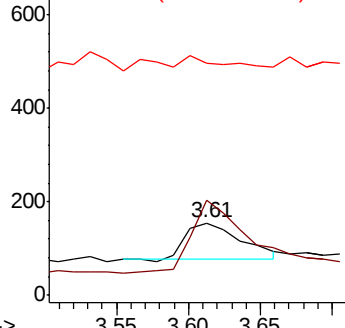
44 19.9 13.4 20.0



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.344 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

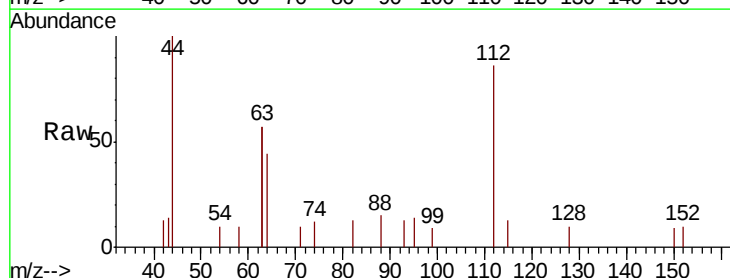
Tgt Ion: 112 Resp: 853

Ion Ratio Lower Upper

112 100

64 51.3 47.2 70.8

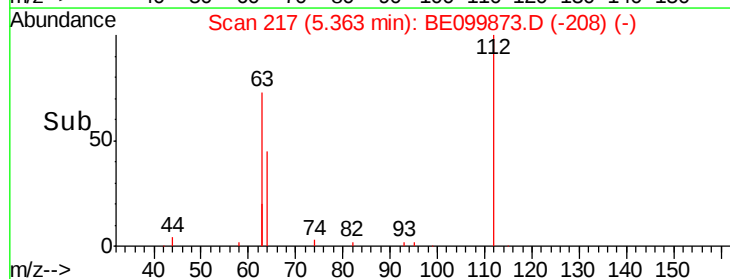
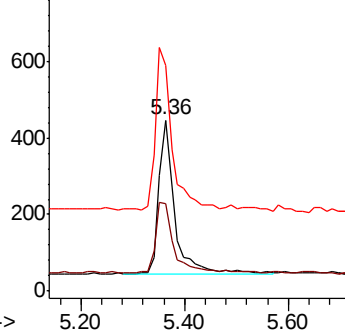
63 108.2 90.7 136.1

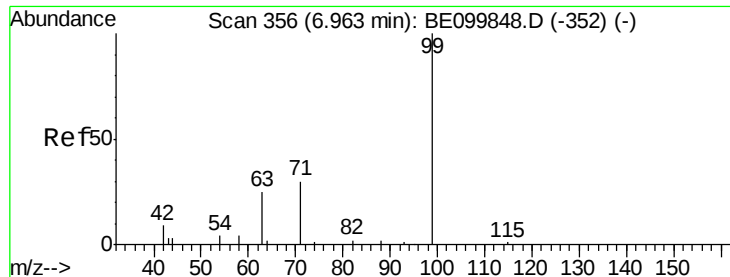


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.337 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampled :

DFTPP

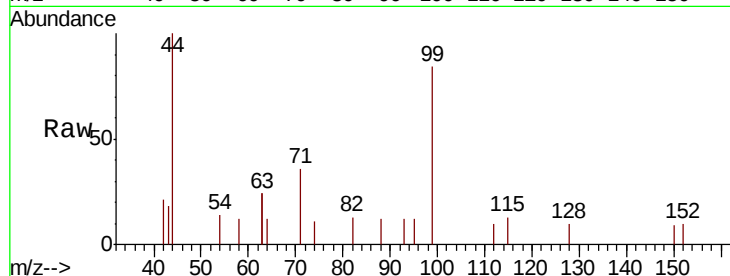
Tgt Ion: 99 Resp: 1030

Ion Ratio Lower Upper

99 100

42 15.0 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

6.96

400

300

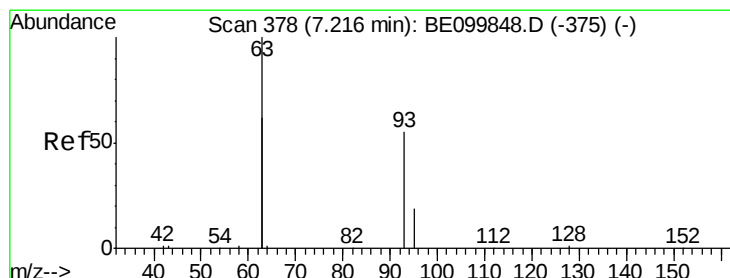
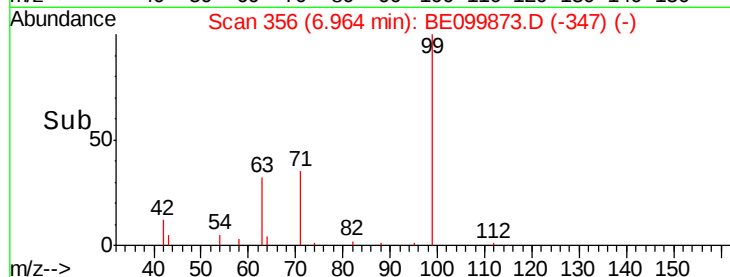
200

100

0

6.90 7.00 7.10

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.383 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

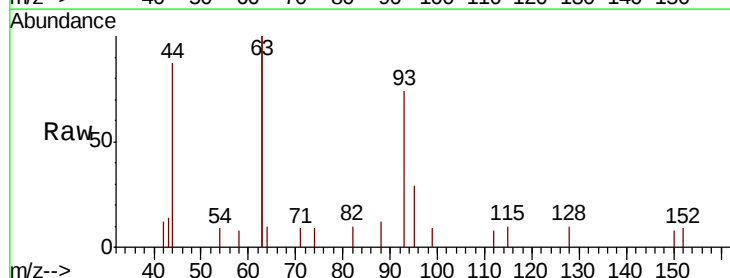
Tgt Ion: 93 Resp: 860

Ion Ratio Lower Upper

93 100

63 233.8 208.8 313.2

95 31.5 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

1500

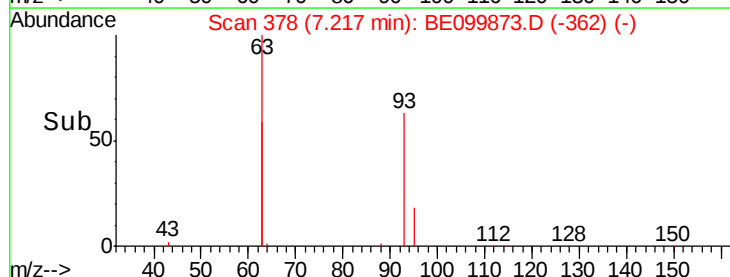
1000

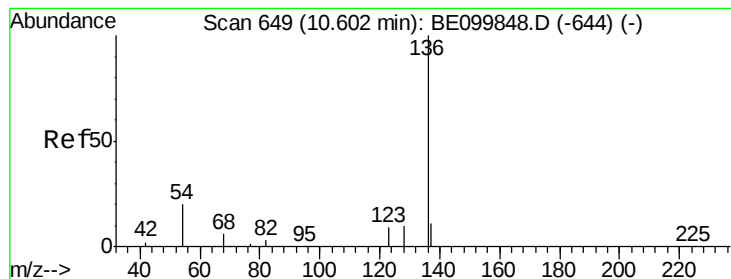
500

0

7.20 7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

DFTPP

Tgt Ion: 136 Resp: 2713

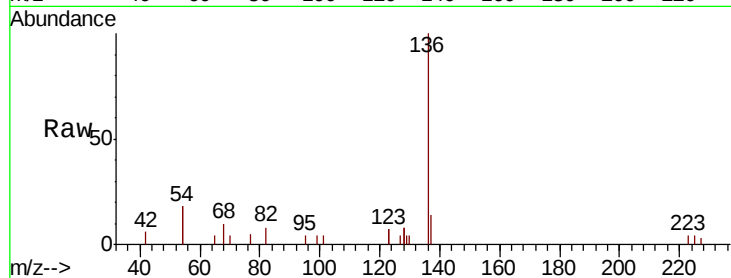
Ion Ratio Lower Upper

136 100

137 13.8 11.1 16.7

54 35.1 17.9 26.9#

68 9.8 5.4 8.0#

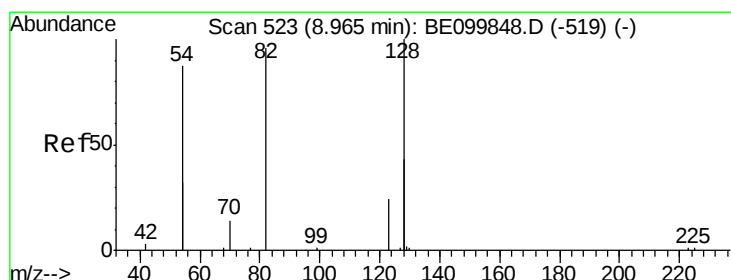
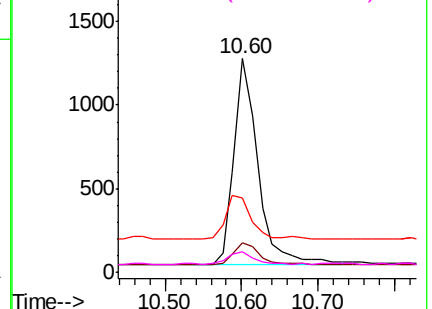
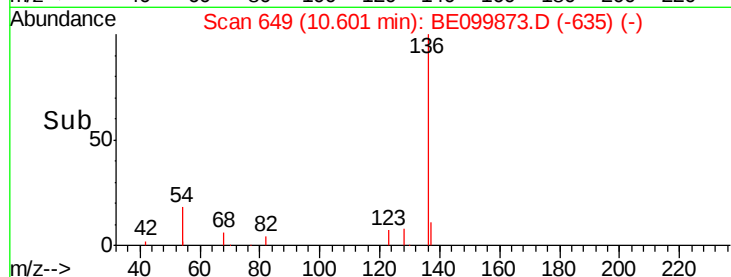


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.368 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

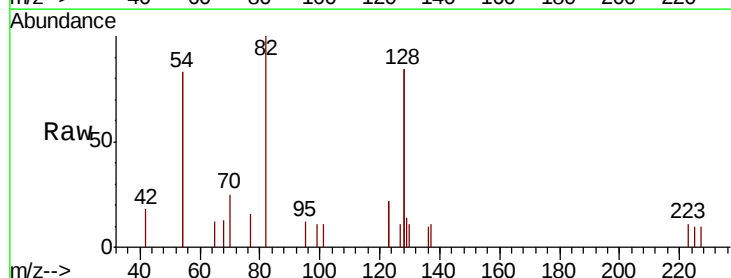
Tgt Ion: 82 Resp: 1007

Ion Ratio Lower Upper

82 100

128 168.9 116.6 175.0

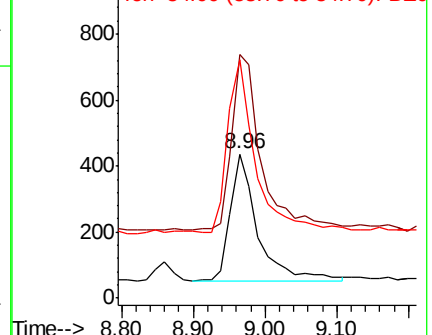
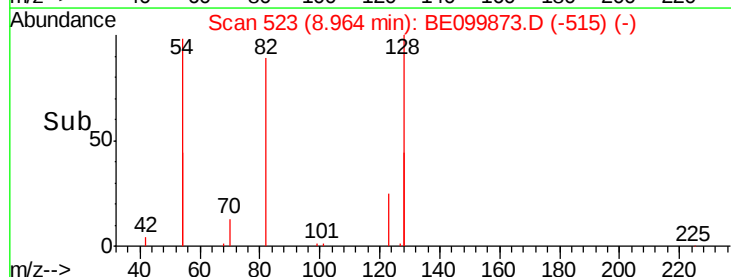
54 165.7 136.2 204.4

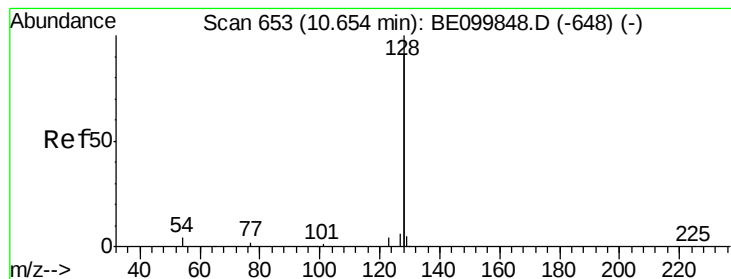


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.401 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

DFTPP

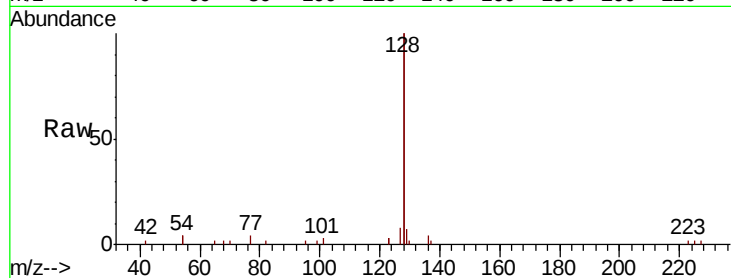
Tgt Ion:128 Resp: 11812

Ion Ratio Lower Upper

128 100

129 3.6 2.6 4.0

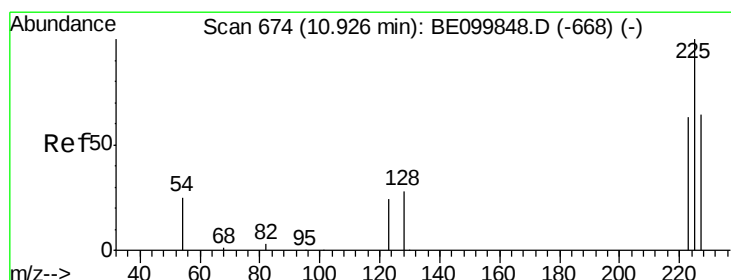
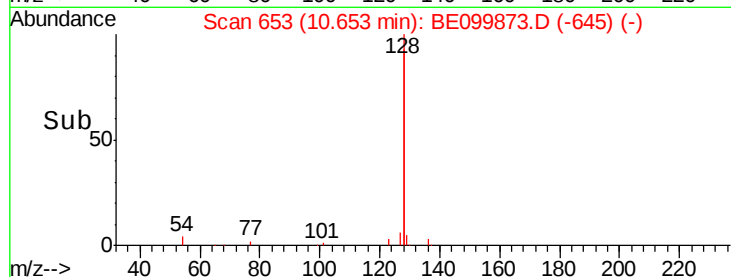
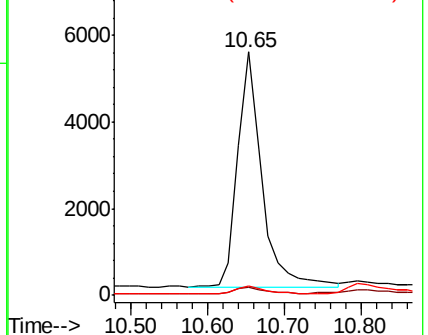
127 3.9 3.0 4.6



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: 0.403 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

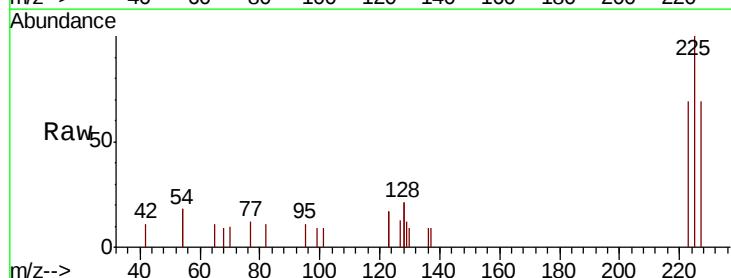
Tgt Ion:225 Resp: 873

Ion Ratio Lower Upper

225 100

223 65.9 48.6 72.8

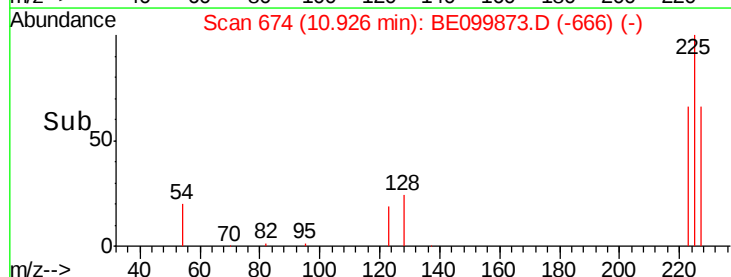
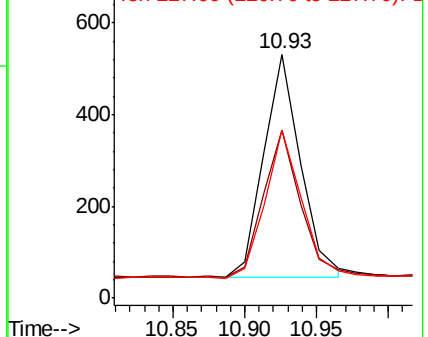
227 64.9 51.6 77.4

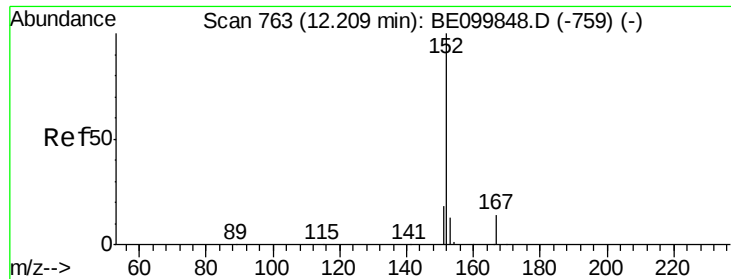


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

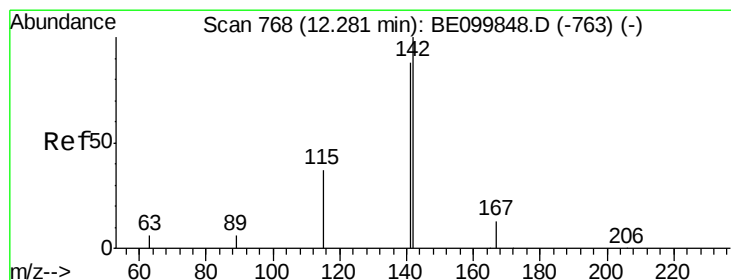
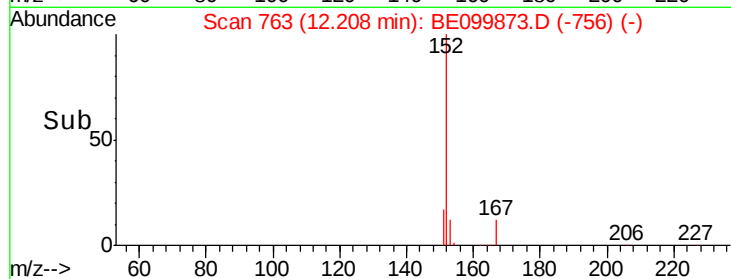
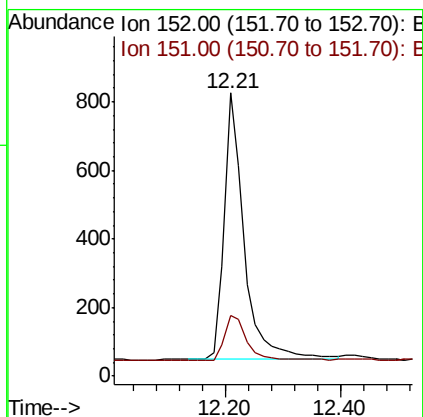
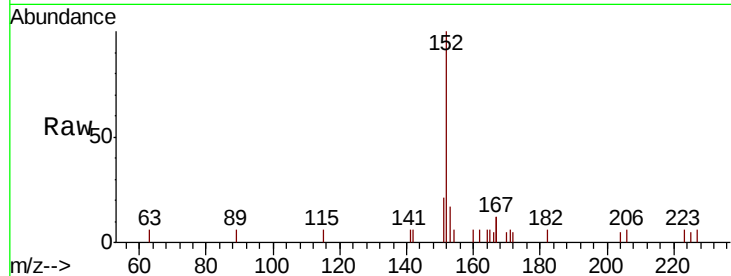




#11
 2-Methylnaphthalene-d10
 Concen: 0.385 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE099873.D
 Acq: 8 Jun 2019 5:58

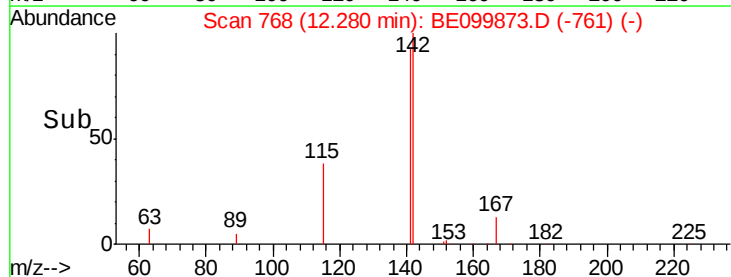
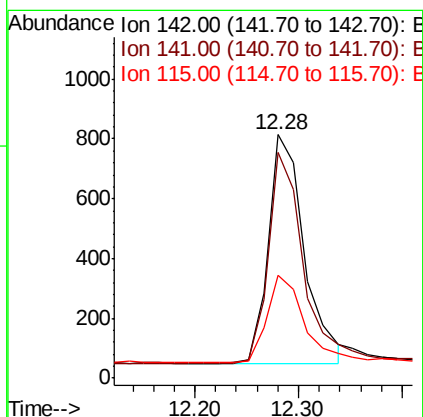
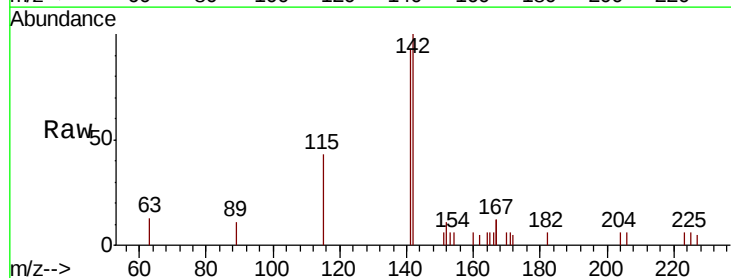
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

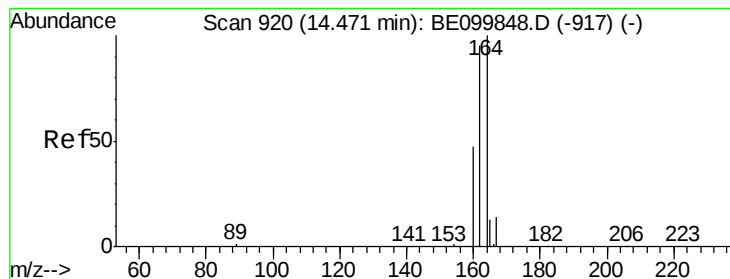
Tgt Ion:152 Resp: 1890
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.8 23.8



#12
 2-Methylnaphthalene
 Concen: 0.372 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE099873.D
 Acq: 8 Jun 2019 5:58

Tgt Ion:142 Resp: 1866
 Ion Ratio Lower Upper
 142 100
 141 92.8 73.3 109.9
 115 42.5 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: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

DFTPP

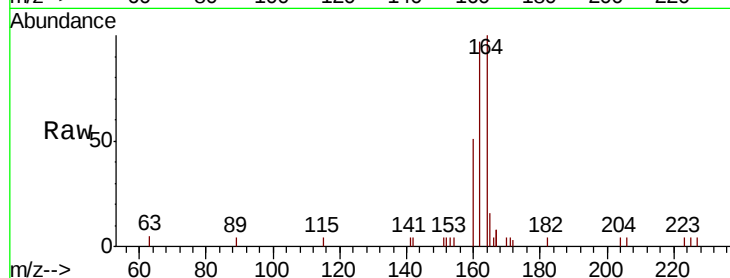
Tgt Ion:164 Resp: 1979

Ion Ratio Lower Upper

164 100

162 97.3 77.2 115.8

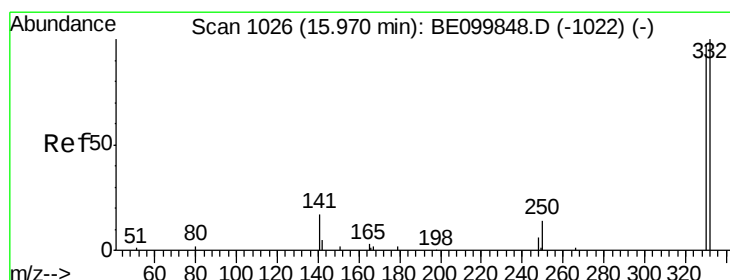
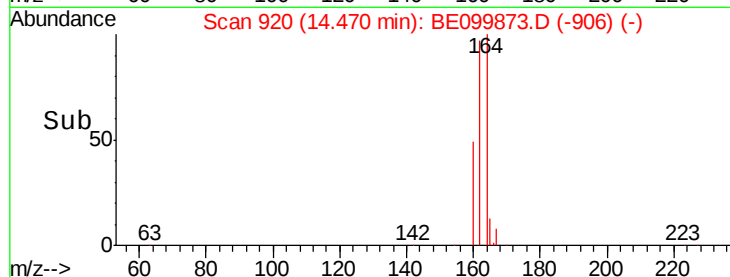
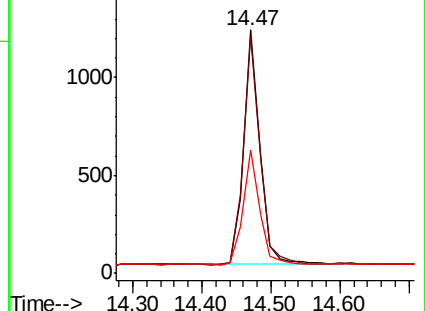
160 50.6 39.4 59.2



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: 0.289 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

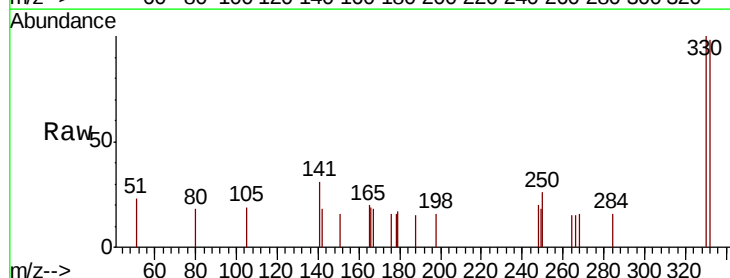
Tgt Ion:330 Resp: 566

Ion Ratio Lower Upper

330 100

332 93.6 74.9 112.3

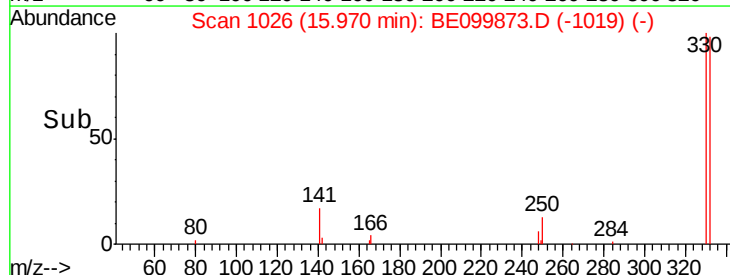
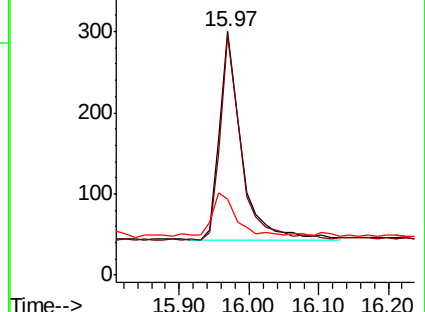
141 20.8 16.0 24.0

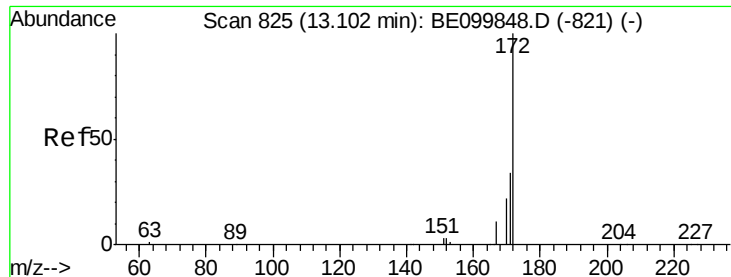


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

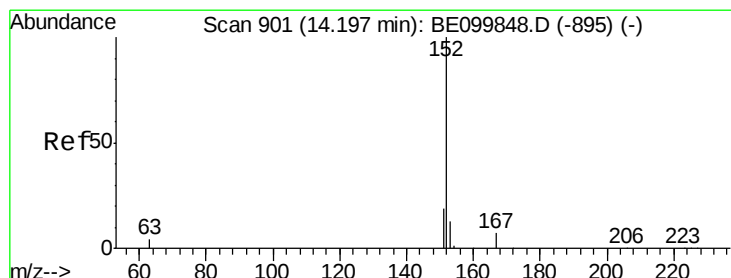
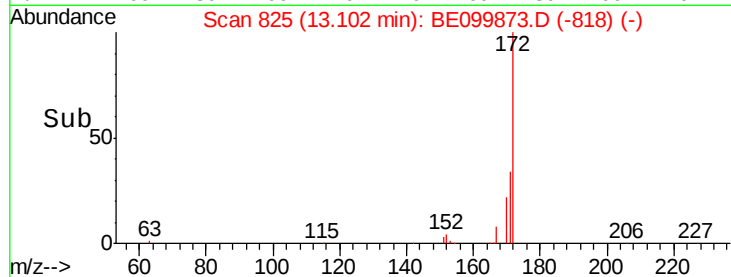
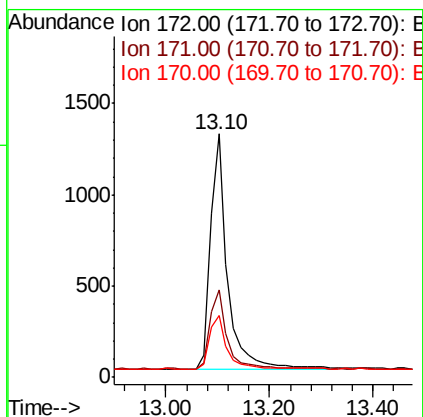
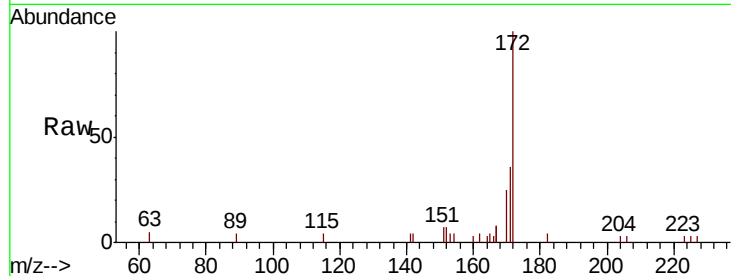




#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

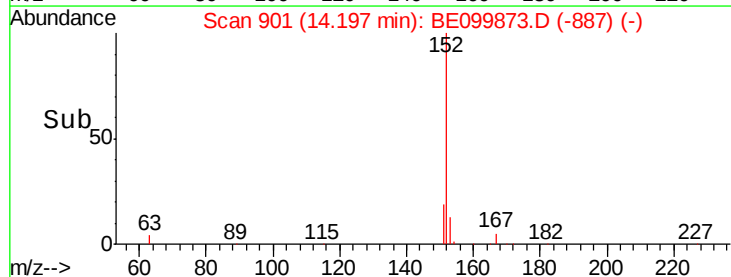
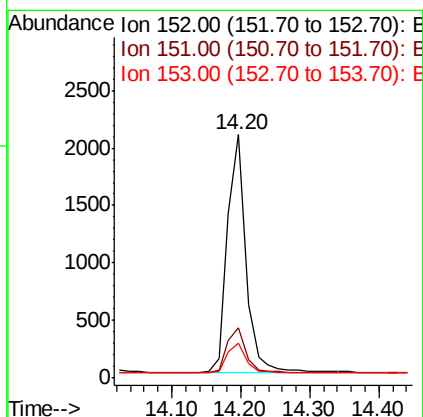
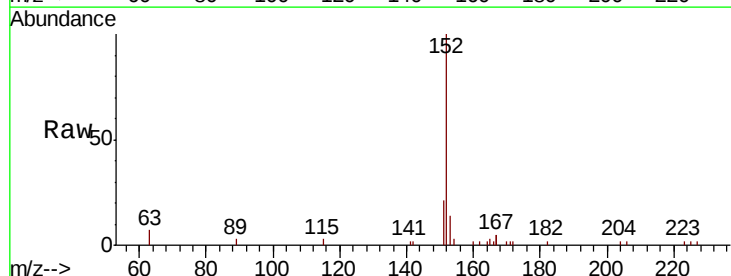
Instrument :
BNA_E
ClientSampleId :
DFTPP

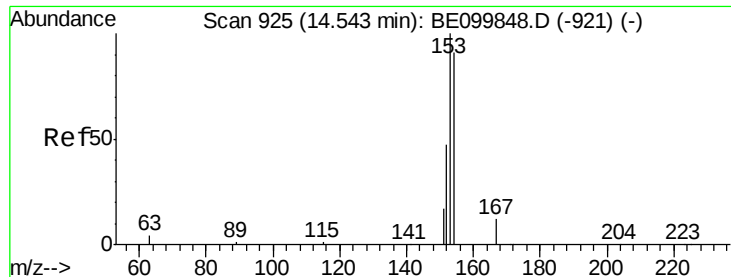
Tgt Ion:172 Resp: 2971
Ion Ratio Lower Upper
172 100
171 36.0 30.2 45.4
170 25.2 20.1 30.1



#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

Tgt Ion:152 Resp: 3862
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.3 10.8 16.2

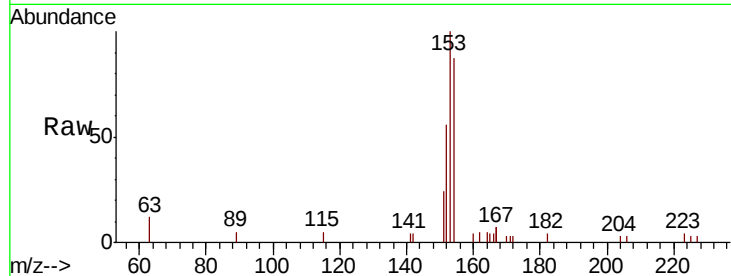




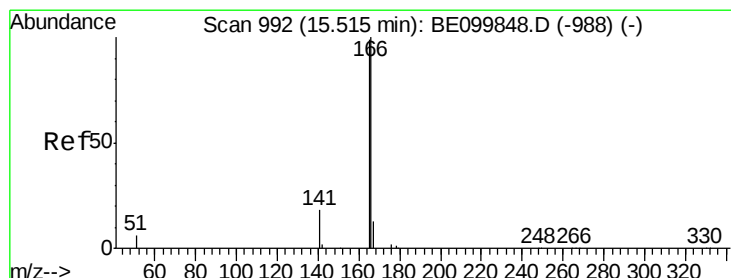
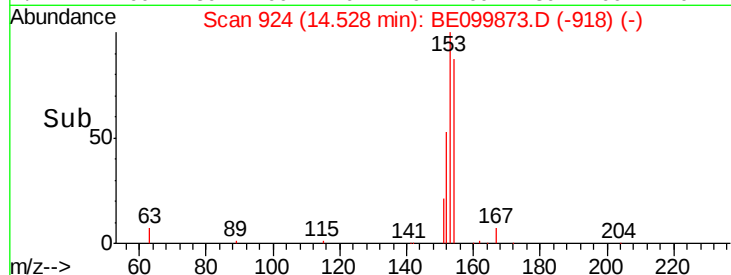
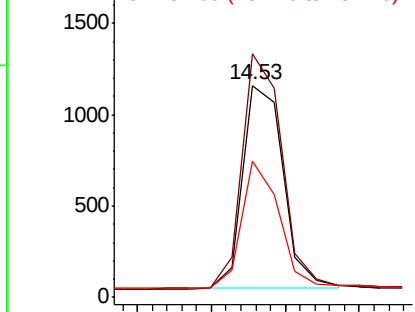
#17
Acenaphthene
Concen: 0.399 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.02 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:154 Resp: 2143
Ion Ratio Lower Upper
154 100
153 113.7 93.8 140.6
152 58.0 48.3 72.5

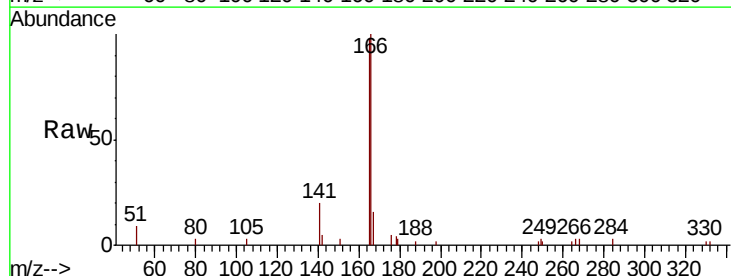


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

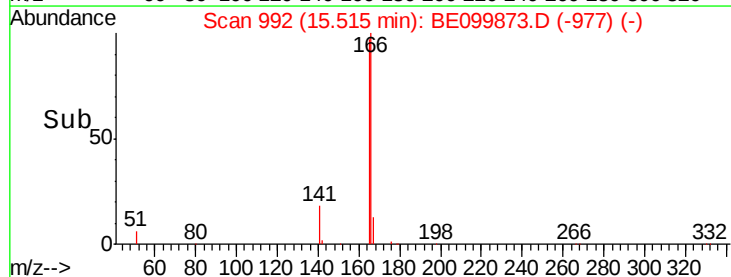
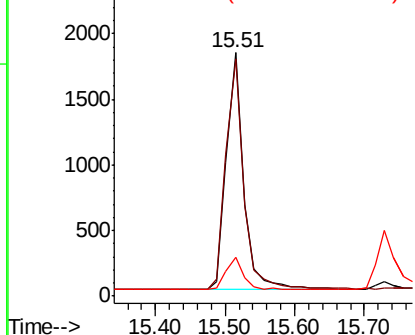


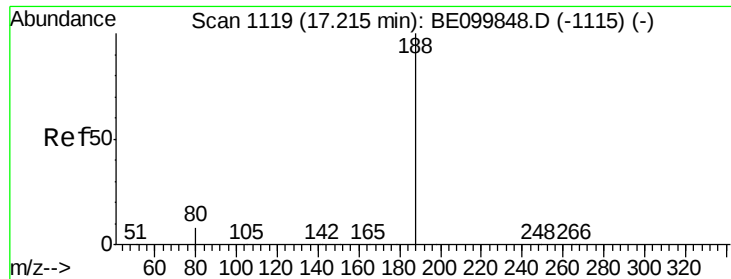
#18
Fluorene
Concen: 0.383 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

Tgt Ion:166 Resp: 3145
Ion Ratio Lower Upper
166 100
165 99.1 80.4 120.6
167 13.5 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: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

DFTPP

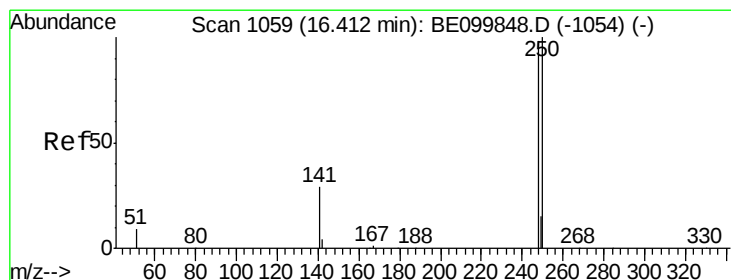
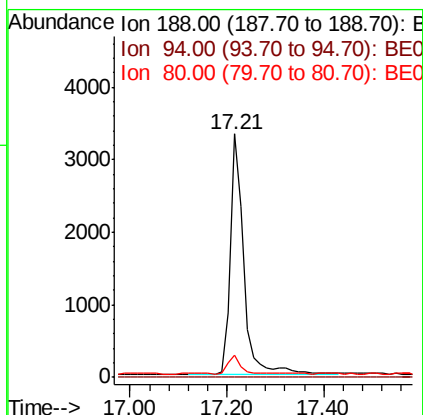
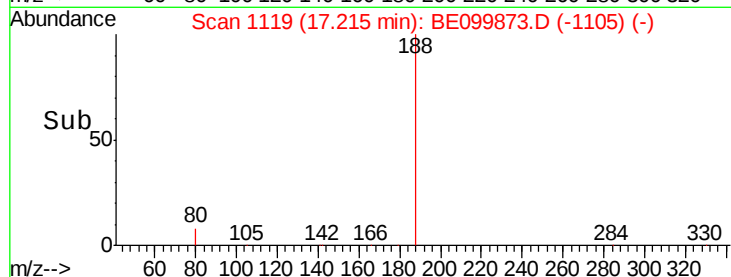
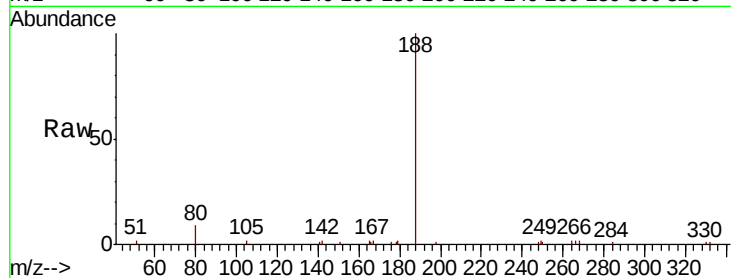
Tgt Ion:188 Resp: 6394

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.0 5.2 7.8#



#20

4-Bromophenyl-phenylether

Concen: 0.383 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

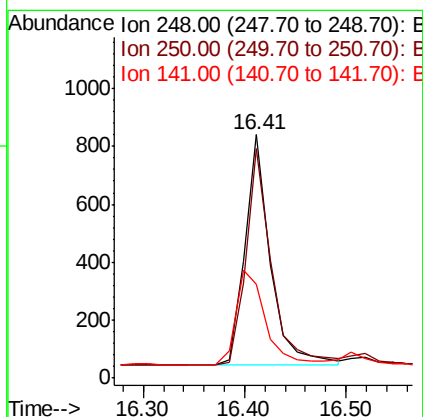
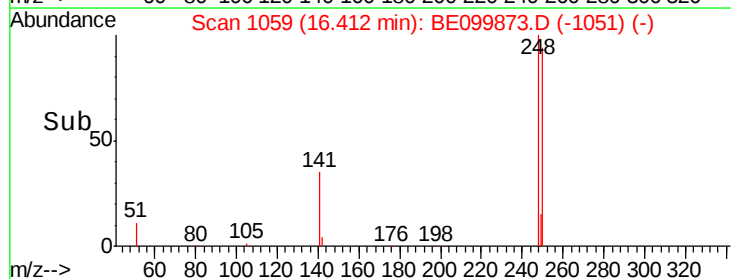
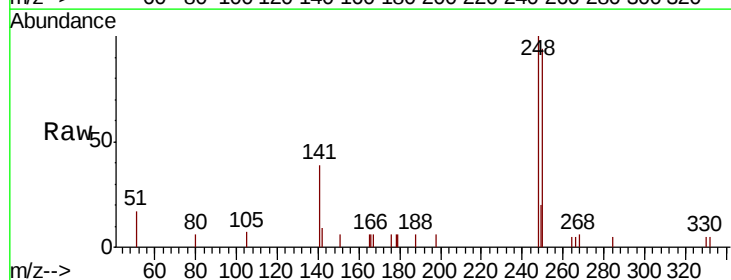
Tgt Ion:248 Resp: 1403

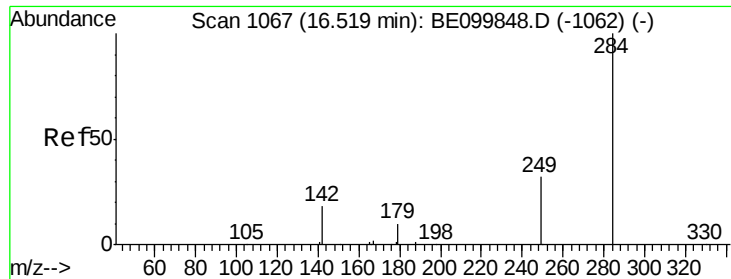
Ion Ratio Lower Upper

248 100

250 94.3 73.7 110.5

141 38.6 40.9 61.3#





#21

Hexachlorobenzene

Concen: 0.404 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

DFTPP

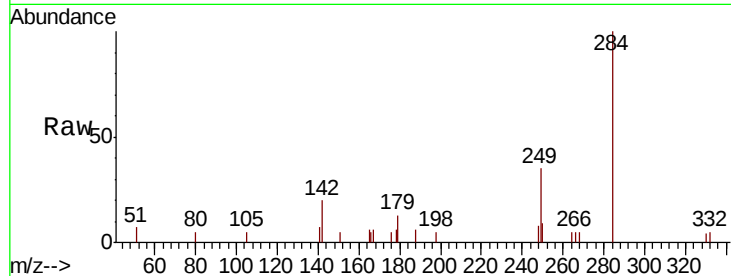
Tgt Ion:284 Resp: 1443

Ion Ratio Lower Upper

284 100

142 23.6 16.2 24.4

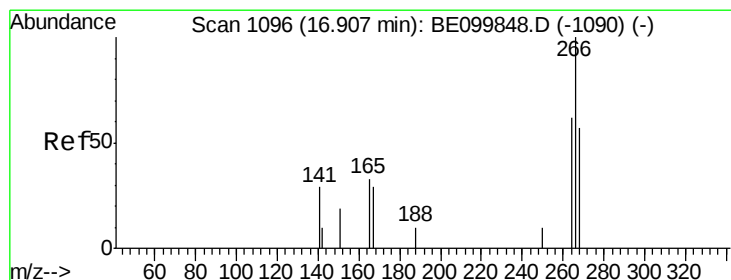
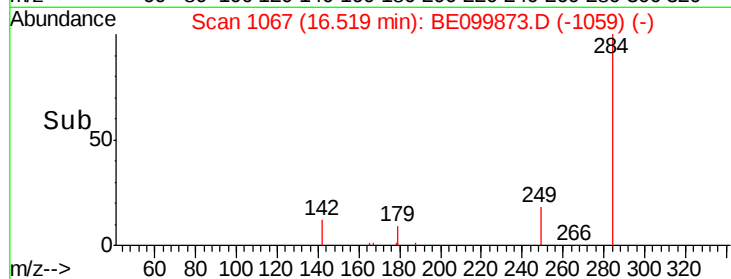
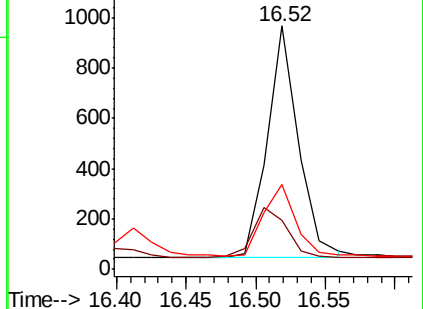
249 31.0 23.1 34.7



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: 0.549 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

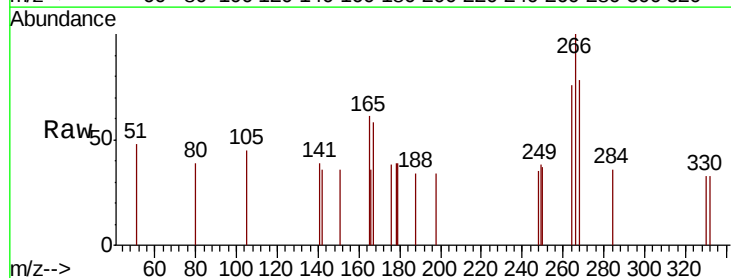
Tgt Ion:266 Resp: 421

Ion Ratio Lower Upper

266 100

264 75.8 64.9 97.3

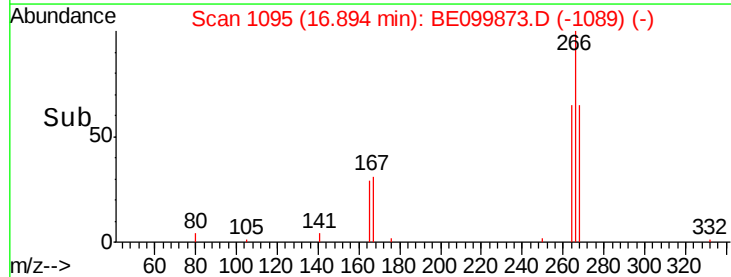
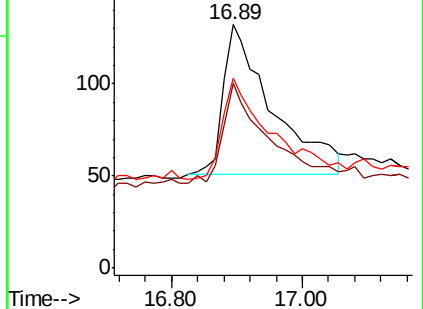
268 78.0 64.0 96.0

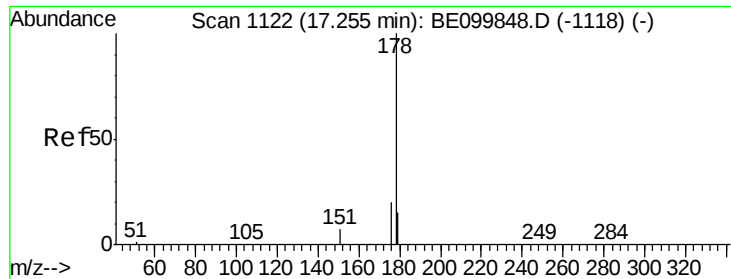


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.383 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

DFTPP

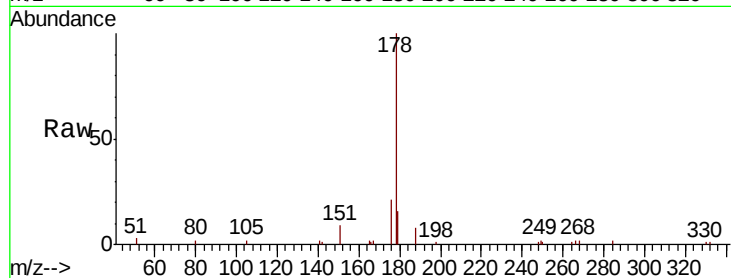
Tgt Ion:178 Resp: 6079

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

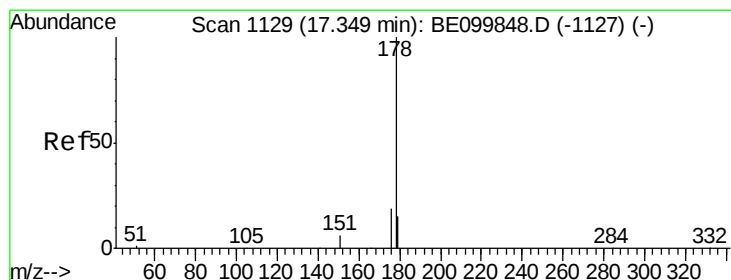
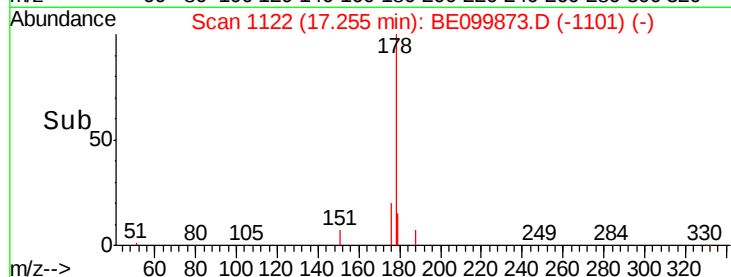
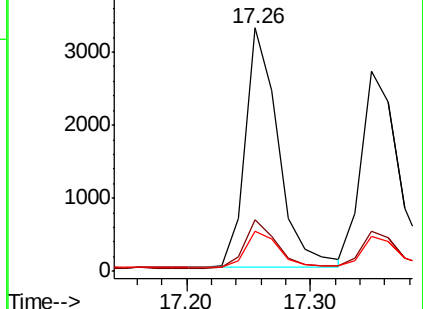
179 15.6 12.5 18.7



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: 0.347 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

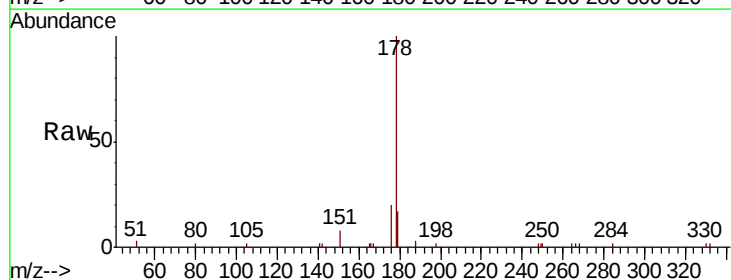
Tgt Ion:178 Resp: 5272

Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

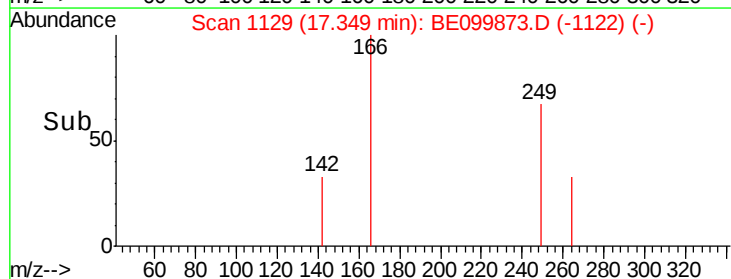
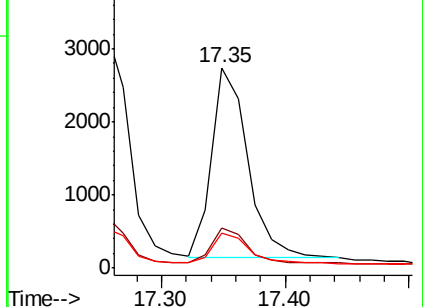
179 15.7 12.1 18.1

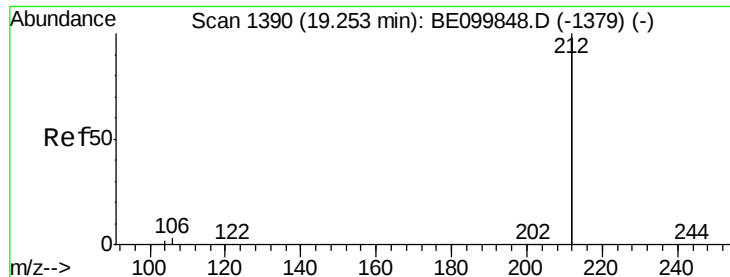


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

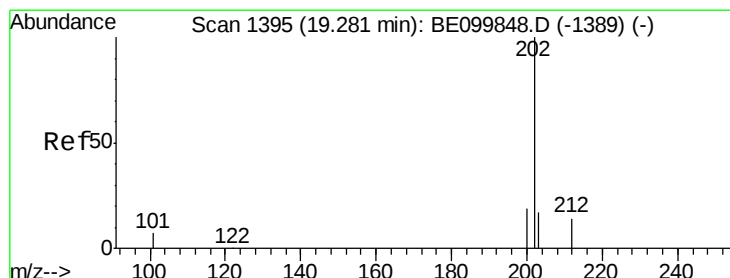
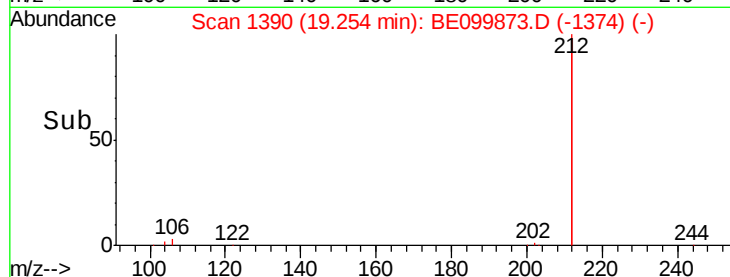
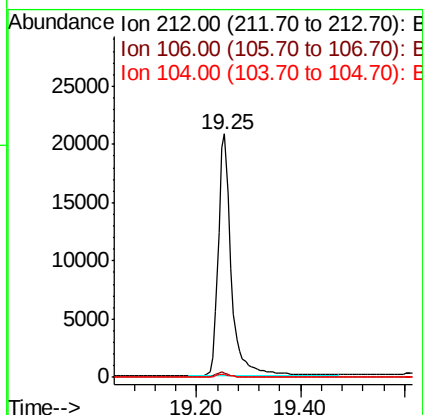
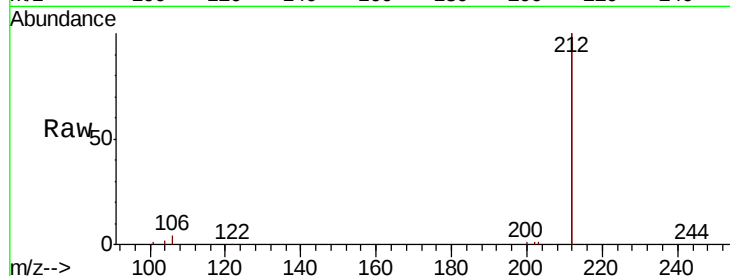




#25
 Fluoranthene-d10
 Concen: 0.361 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BE099873.D
 Acq: 8 Jun 2019 5:58

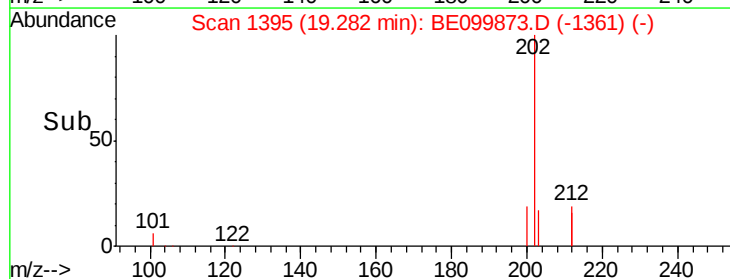
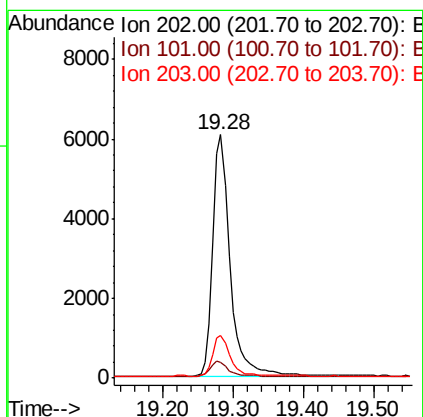
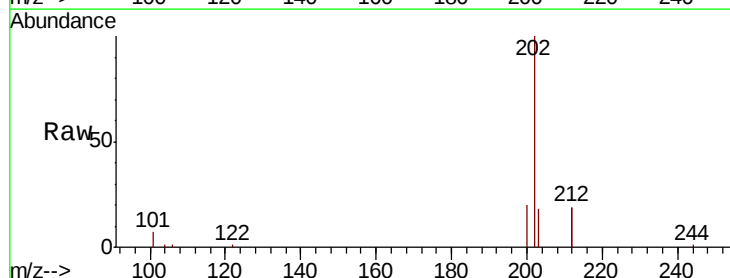
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

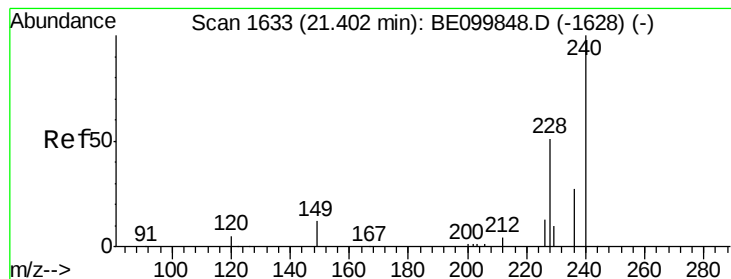
Tgt Ion: 212 Resp: 35814
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.0
 104 1.0 0.8 1.2



#26
 Fluoranthene
 Concen: 0.369 ng
 RT: 19.28 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BE099873.D
 Acq: 8 Jun 2019 5:58

Tgt Ion: 202 Resp: 10325
 Ion Ratio Lower Upper
 202 100
 101 6.5 5.2 7.8
 203 16.9 13.6 20.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

DFTPP

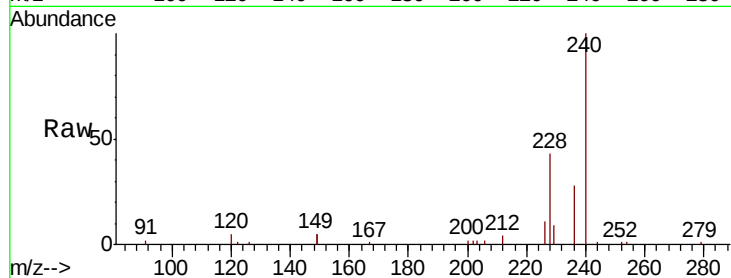
Tgt Ion:240 Resp: 9795

Ion Ratio Lower Upper

240 100

120 5.1 2.8 4.2#

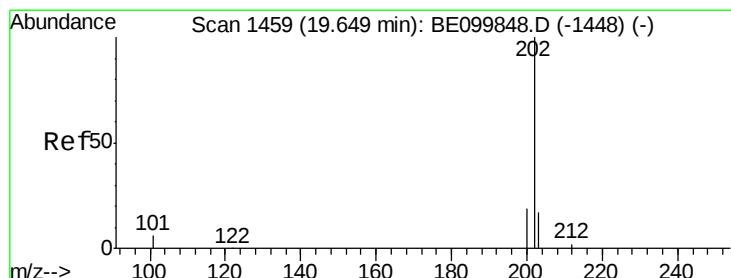
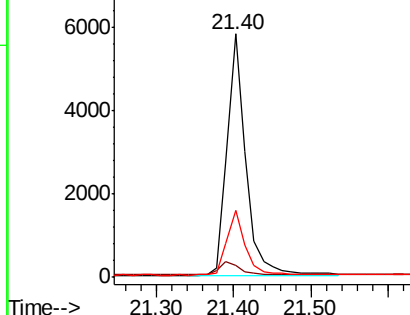
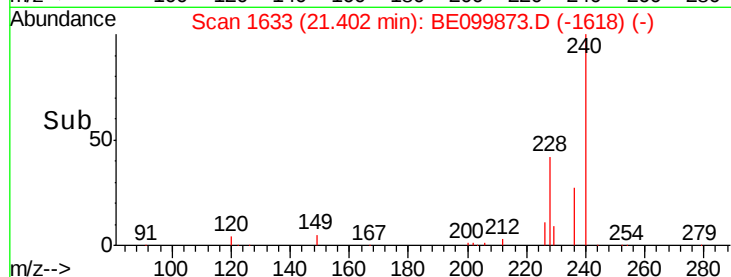
236 27.7 20.9 31.3



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: 0.410 ng

RT: 19.64 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

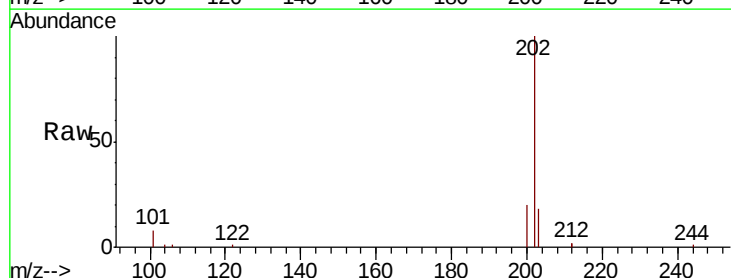
Tgt Ion:202 Resp: 10638

Ion Ratio Lower Upper

202 100

200 19.9 15.6 23.4

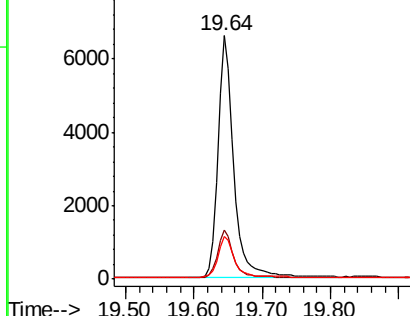
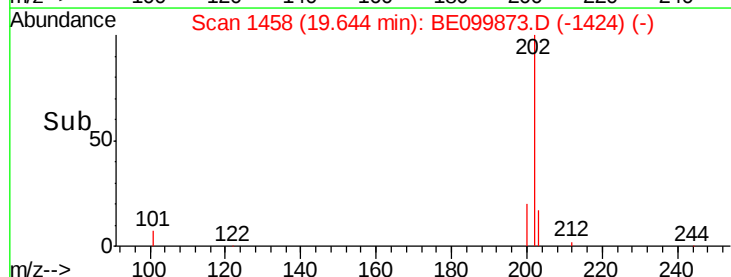
203 17.6 14.1 21.1

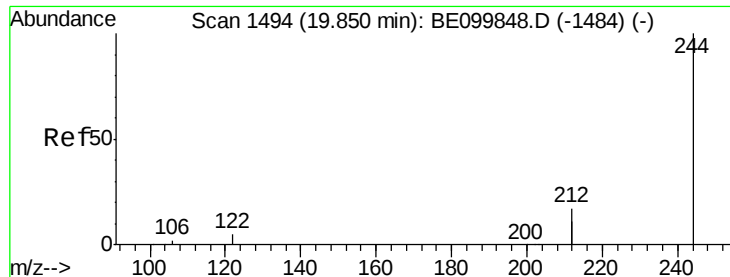


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.390 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampled :

DFTPP

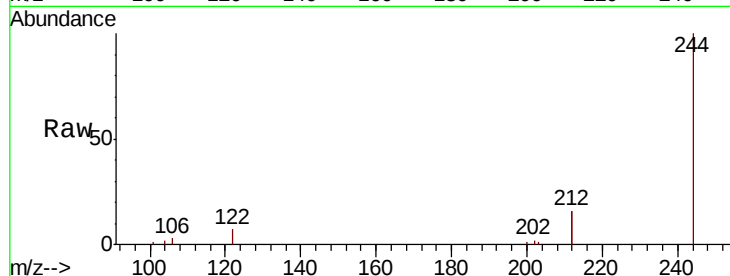
Tgt Ion:244 Resp: 7129

Ion Ratio Lower Upper

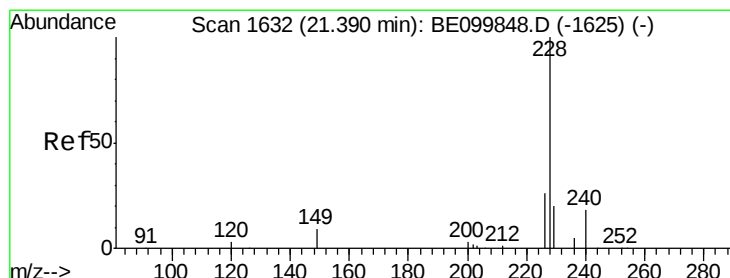
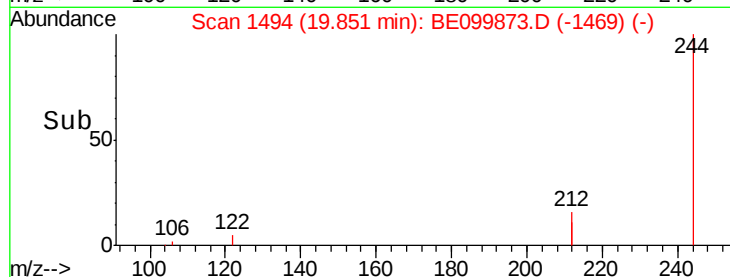
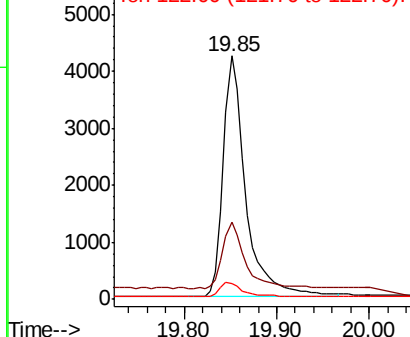
244 100

212 31.7 23.7 35.5

122 6.5 4.8 7.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.401 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

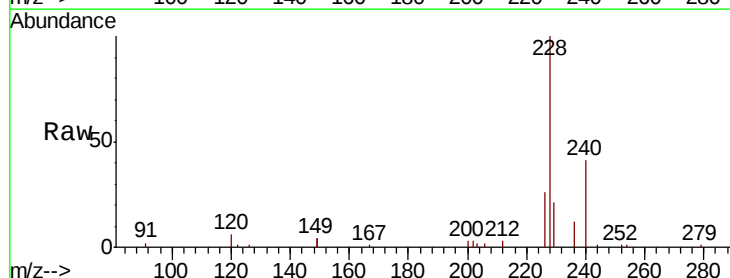
Tgt Ion:228 Resp: 12487

Ion Ratio Lower Upper

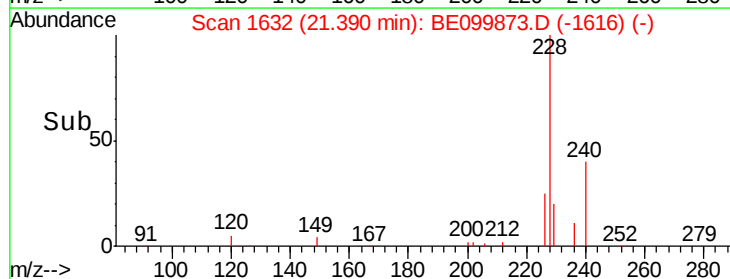
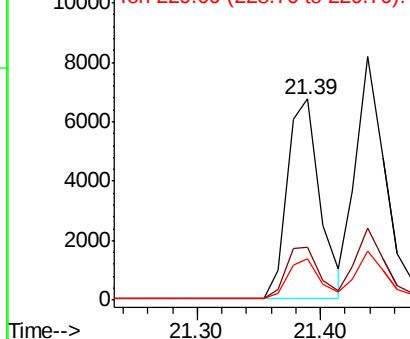
228 100

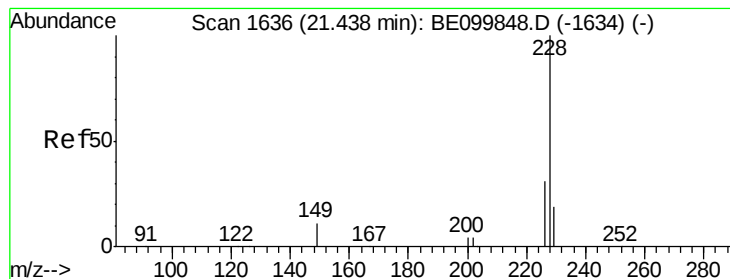
226 26.0 21.6 32.4

229 20.9 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





#31

Chrysene

Concen: 0.441 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

DFTPP

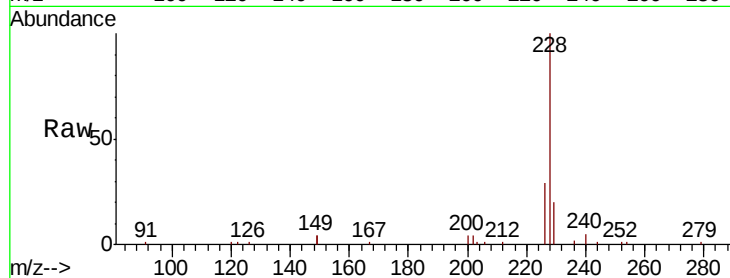
Tgt Ion:228 Resp: 13482

Ion Ratio Lower Upper

228 100

226 29.4 22.9 34.3

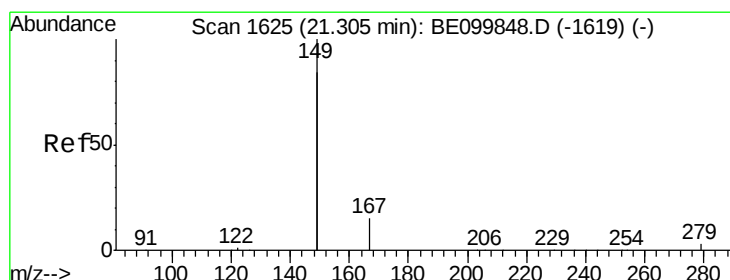
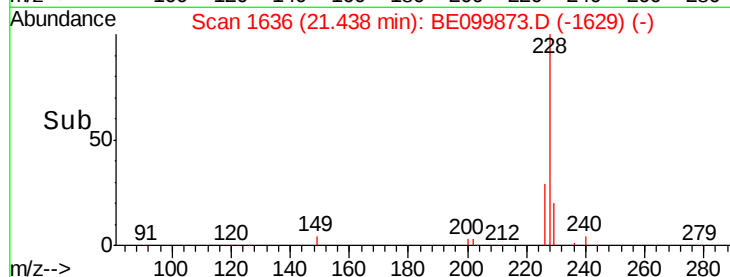
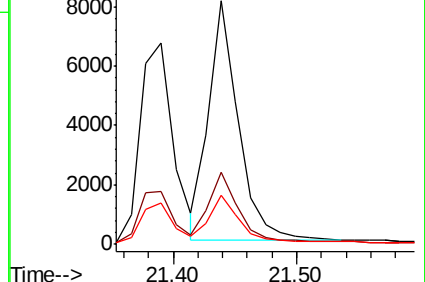
229 20.2 16.4 24.6



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: 0.333 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

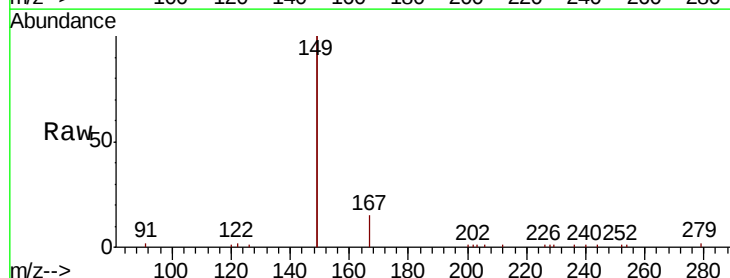
Tgt Ion:149 Resp: 16901

Ion Ratio Lower Upper

149 100

167 7.6 6.0 9.0

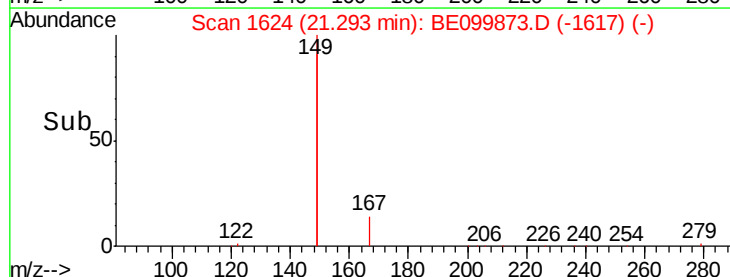
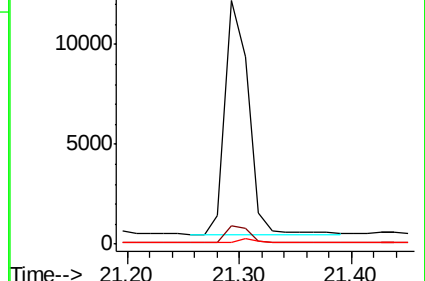
279 1.5 1.2 1.8

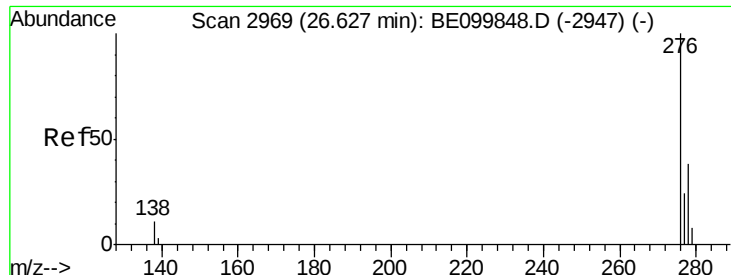


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.424 ng

RT: 26.61 min Scan# 2965

Delta R.T. -0.02 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

DFTPP

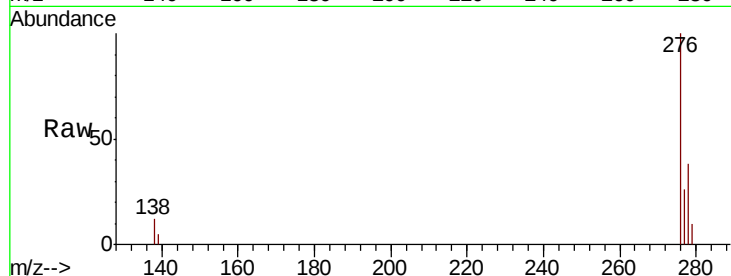
Tgt Ion:276 Resp: 15781

Ion Ratio Lower Upper

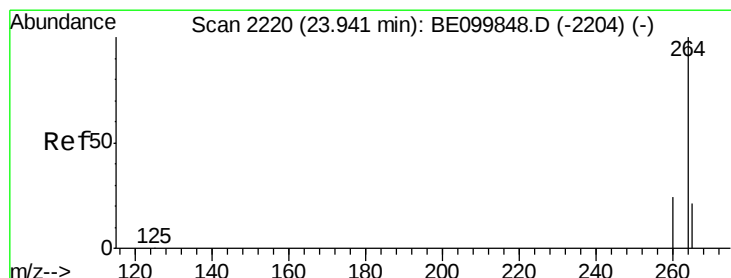
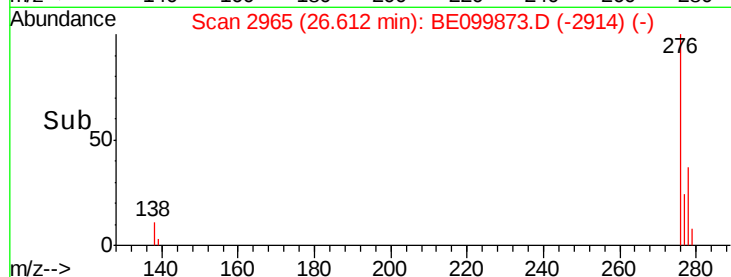
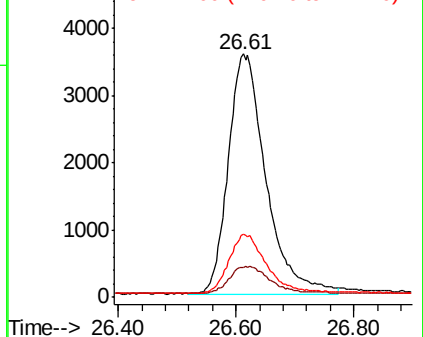
276 100

138 12.2 10.3 15.5

277 24.6 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: 23.93 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

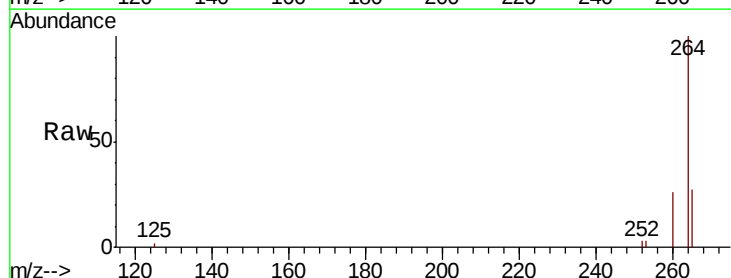
Tgt Ion:264 Resp: 11692

Ion Ratio Lower Upper

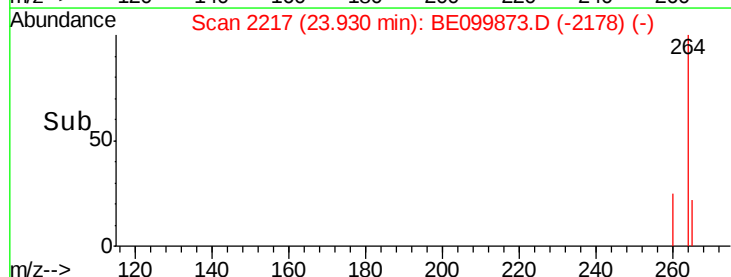
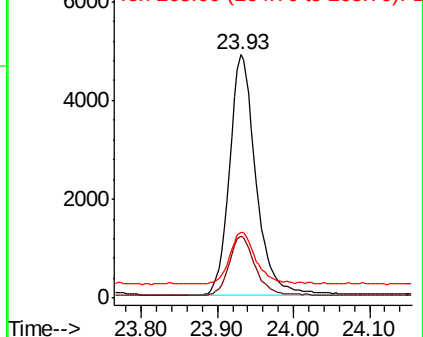
264 100

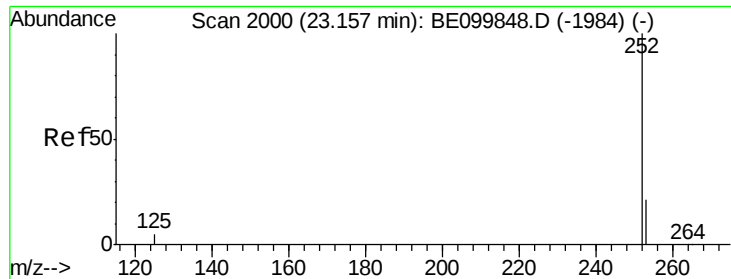
260 25.5 20.0 30.0

265 27.1 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: 0.388 ng

RT: 23.15 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

DFTPP

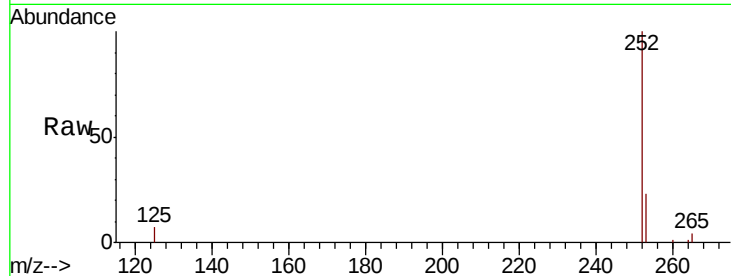
Tgt Ion:252 Resp: 12583

Ion Ratio Lower Upper

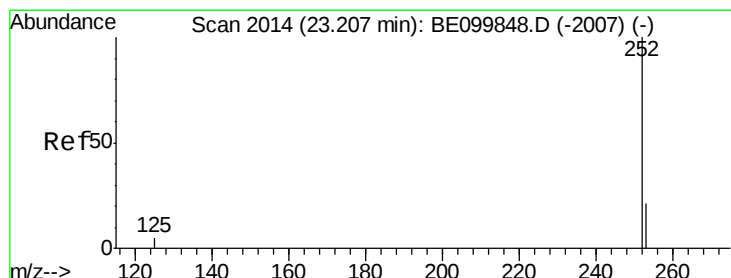
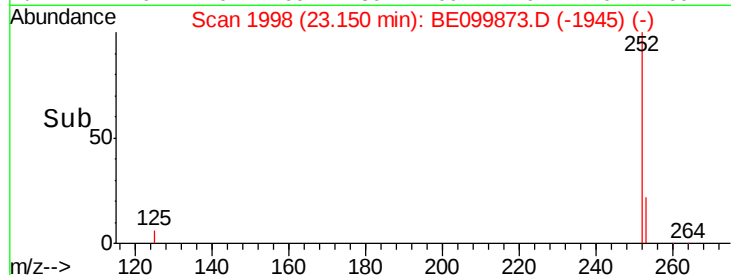
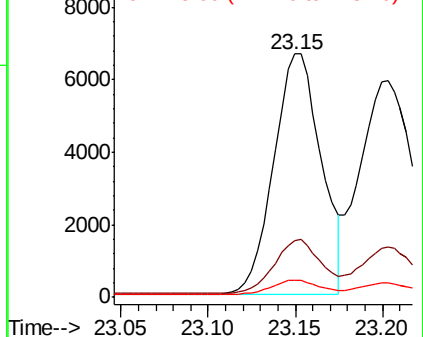
252 100

253 23.4 18.9 28.3

125 6.8 7.6 11.4#



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



#36

Benzo(k)fluoranthene

Concen: 0.408 ng

RT: 23.20 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

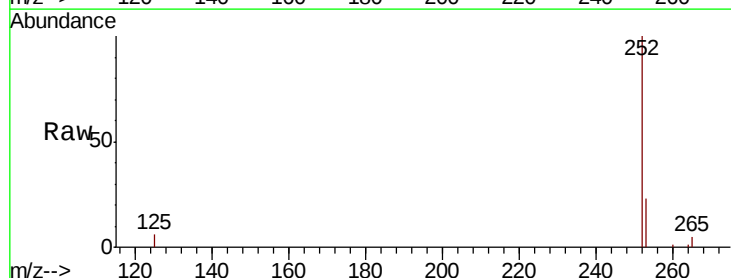
Tgt Ion:252 Resp: 13256

Ion Ratio Lower Upper

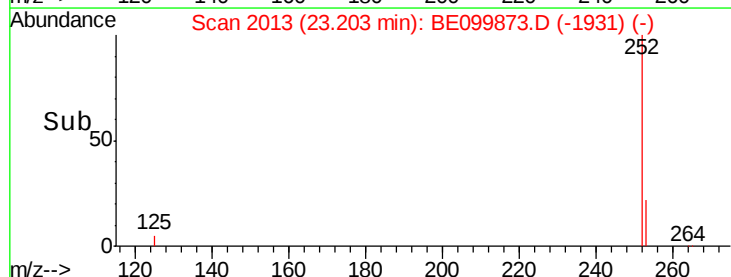
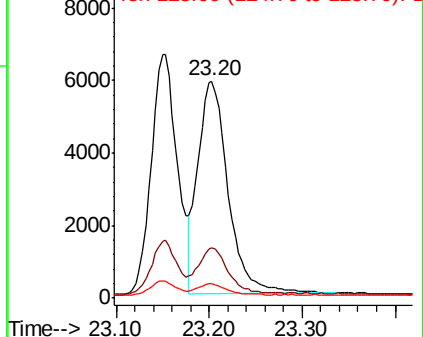
252 100

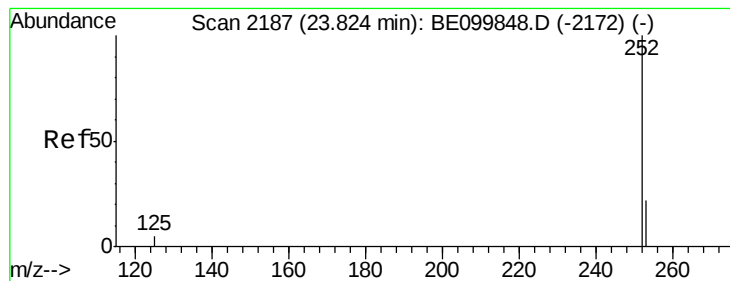
253 23.2 18.4 27.6

125 6.5 4.6 7.0



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: 0.395 ng

RT: 23.82 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

DFTPP

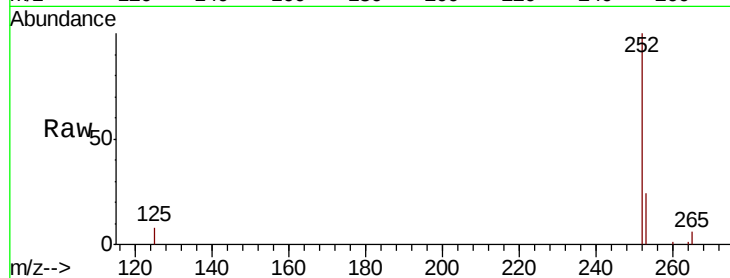
Tgt Ion: 252 Resp: 12447

Ion Ratio Lower Upper

252 100

253 24.0 19.3 28.9

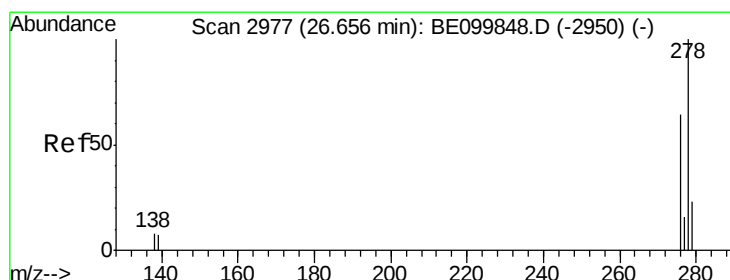
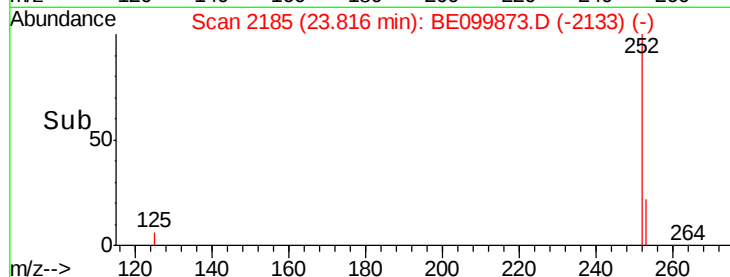
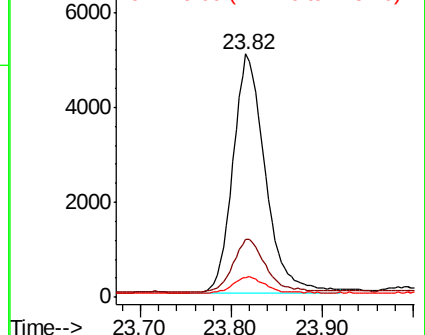
125 8.0 10.2 15.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.395 ng

RT: 26.64 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

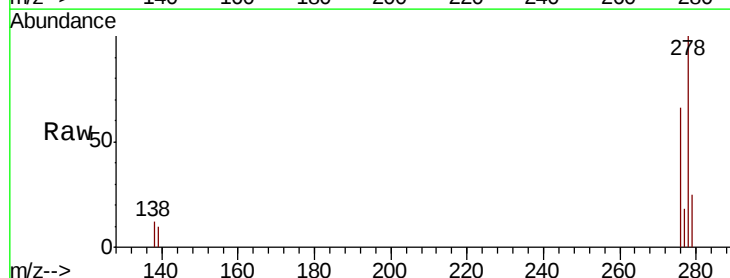
Tgt Ion: 278 Resp: 12735

Ion Ratio Lower Upper

278 100

139 9.6 7.9 11.9

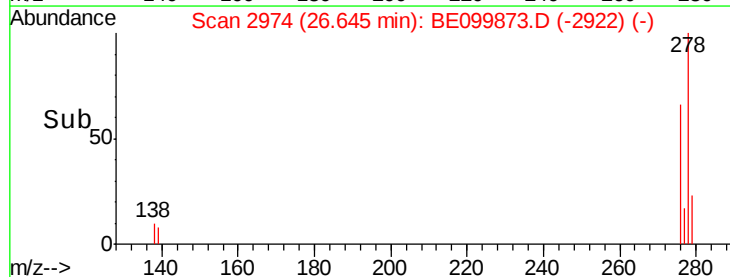
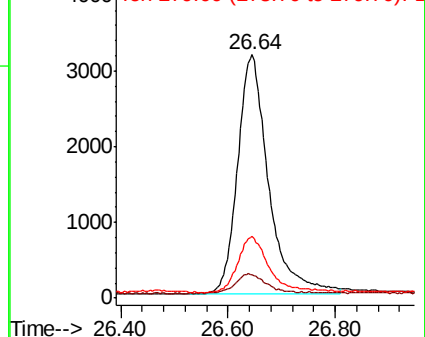
279 25.3 18.5 27.7

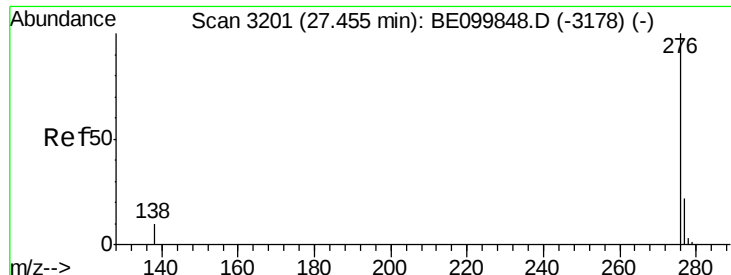


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.405 ng

RT: 27.44 min Scan# 3197

Delta R.T. -0.02 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

DFTPP

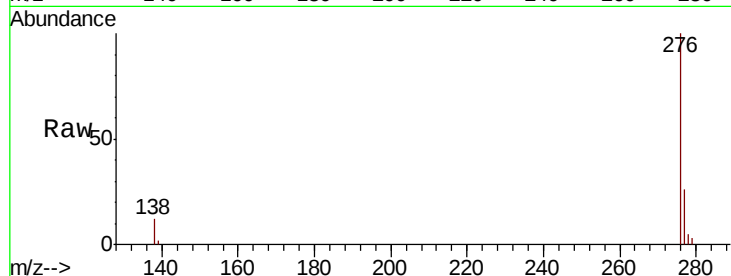
Tgt Ion: 276 Resp: 13269

Ion Ratio Lower Upper

276 100

277 25.7 19.6 29.4

138 11.6 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

