

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
 Data File : BE099806.D
 Acq On : 5 Jun 2019 16:08
 Operator : JU/SJ
 Sample : PB120314BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120314BS

Quant Time: Jun 06 01:39:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 14:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1565	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4928	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3137	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	9525	0.40	ng	0.00
27) Chrysene-d12	21.41	240	18692	0.40	ng	0.00
34) Perylene-d12	23.94	264	22418	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	1177	0.31	ng	0.01
5) Phenol-d6	6.97	99	1539	0.31	ng	0.00
8) Nitrobenzene-d5	8.96	82	1443	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	3790	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	443	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4109	0.35	ng	0.00
25) Fluoranthene-d10	19.26	212	48278	0.34	ng	0.00
29) Terphenyl-d14	19.86	244	10597	0.35	ng	0.00

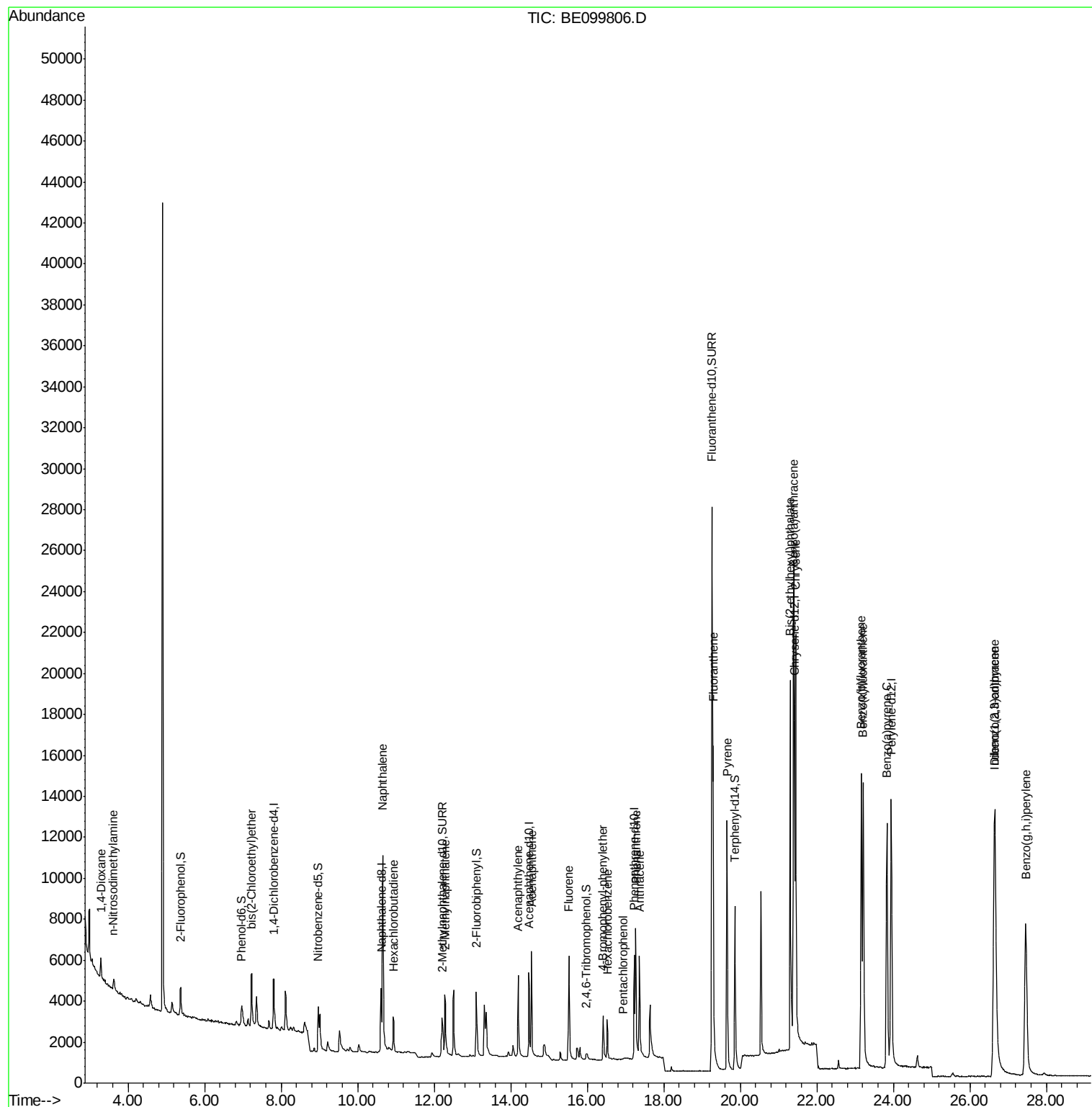
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	762	0.336	ng	# 62
3) n-Nitrosodimethylamine	3.61	42	445	0.370	ng	# 1
6) bis(2-Chloroethyl)ether	7.23	93	1461	0.340	ng	97
9) Naphthalene	10.65	128	19091	0.363	ng	99
10) Hexachlorobutadiene	10.93	225	1465	0.366	ng	97
12) 2-Methylnaphthalene	12.28	142	2861	0.341	ng	99
16) Acenaphthylene	14.20	152	5184	0.342	ng	97
17) Acenaphthene	14.54	154	2849	0.344	ng	100
18) Fluorene	15.52	166	4136	0.339	ng	97
20) 4-Bromophenyl-phenylether	16.41	248	1860	0.350	ng	100
21) Hexachlorobenzene	16.52	284	1955	0.336	ng	96
22) Pentachlorophenol	16.95	266	93	0.328	ng	95
23) Phenanthrene	17.27	178	7791	0.343	ng	100
24) Anthracene	17.36	178	6504	0.317	ng	99
26) Fluoranthene	19.29	202	14357	0.360	ng	100
28) Pyrene	19.65	202	15082	0.334	ng	100
30) Benzo(a)anthracene	21.39	228	21222	0.411	ng	99
31) Chrysene	21.45	228	21212	0.372	ng	98
32) Bis(2-ethylhexyl)phthalate	21.31	149	19564	0.330	ng	99
33) Indeno(1,2,3-cd)pyrene	26.63	276	27464	0.402	ng	99
35) Benzo(b)fluoranthene	23.16	252	23174	0.373	ng	99
36) Benzo(k)fluoranthene	23.21	252	25416	0.386	ng	98
37) Benzo(a)pyrene	23.83	252	23212	0.386	ng	# 97
38) Dibenzo(a,h)anthracene	26.66	278	22506	0.368	ng	99
39) Benzo(g,h,i)perylene	27.45	276	23749	0.369	ng	99

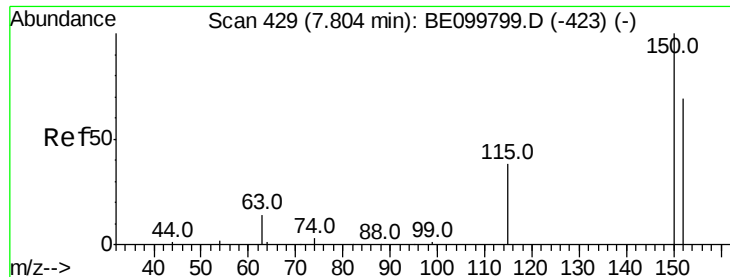
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

ClientSampled :

PB120314BS

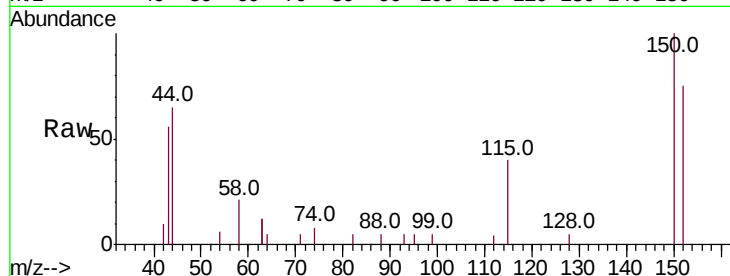
Tot Ion:152 Resp: 1565

Ion Ratio Lower Upper

152 100

150 133.6 112.8 169.2

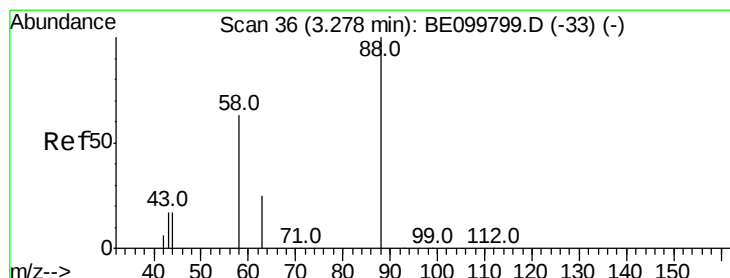
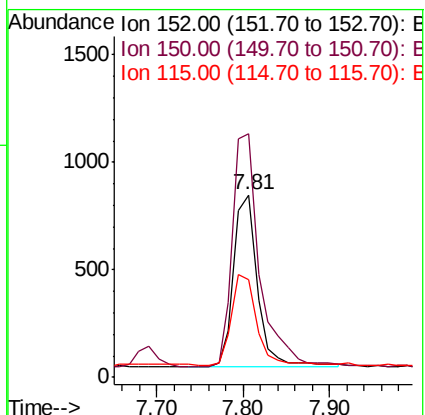
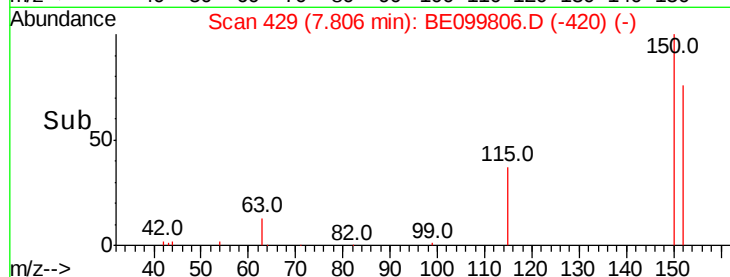
115 53.3 47.6 71.4



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: 0.336 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.01 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

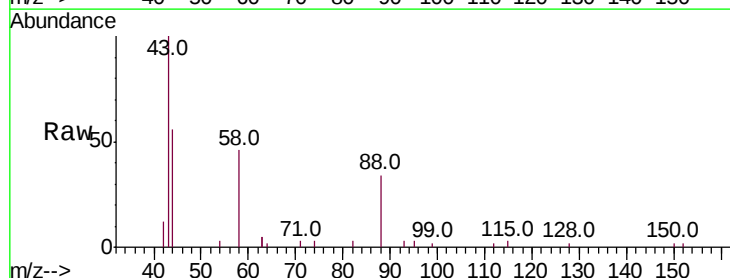
Tgt Ion: 88 Resp: 762

Ion Ratio Lower Upper

88 100

58 73.0 47.3 70.9#

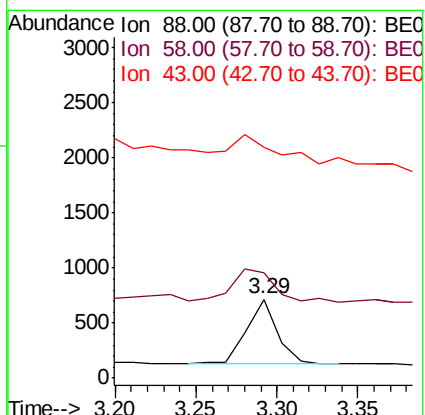
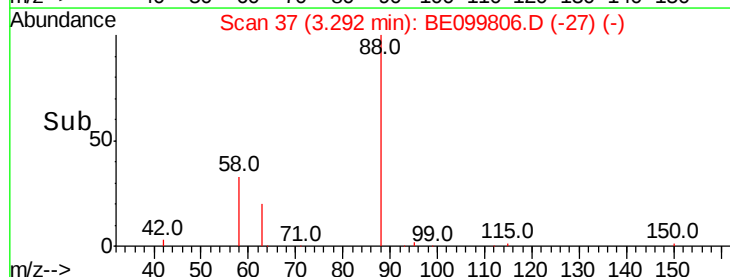
43 65.0 18.2 27.4#

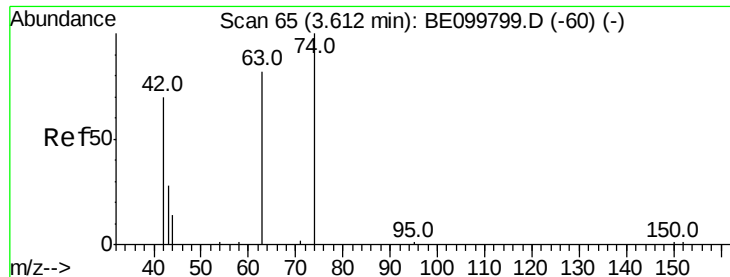


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.370 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

ClientSampleId :

PB120314BS

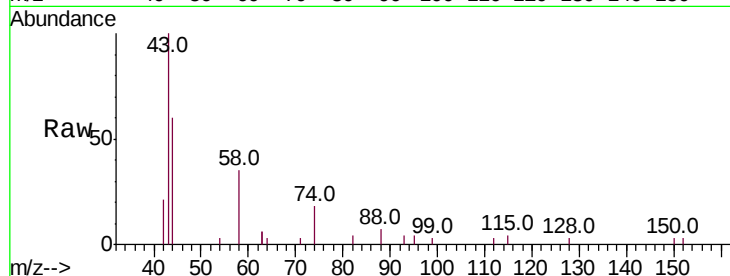
Tot Ion: 42 Resp: 445

Ion Ratio Lower Upper

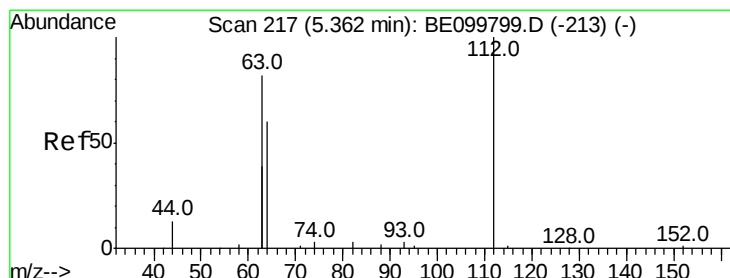
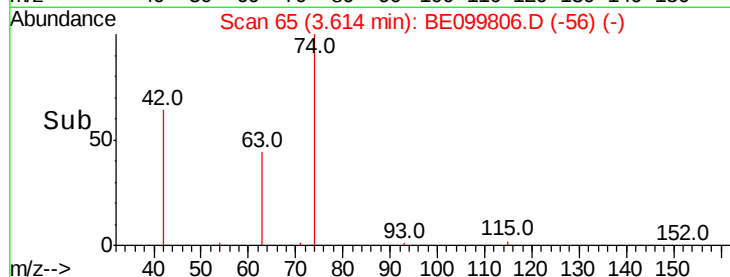
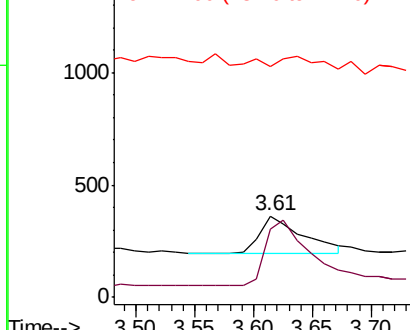
42 100

74 0.0 132.6 198.8#

44 5.2 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: 0.309 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

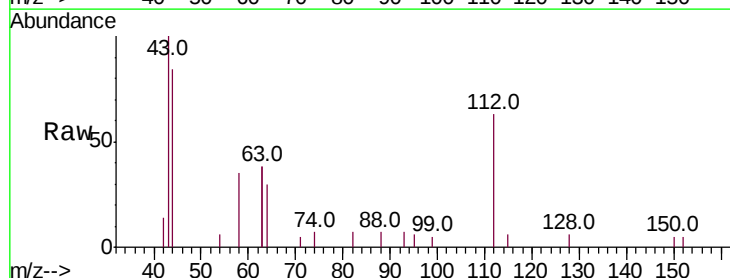
Tgt Ion: 112 Resp: 1177

Ion Ratio Lower Upper

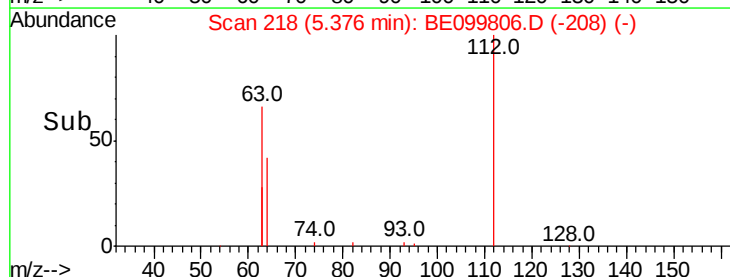
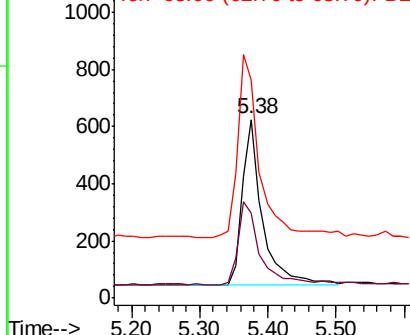
112 100

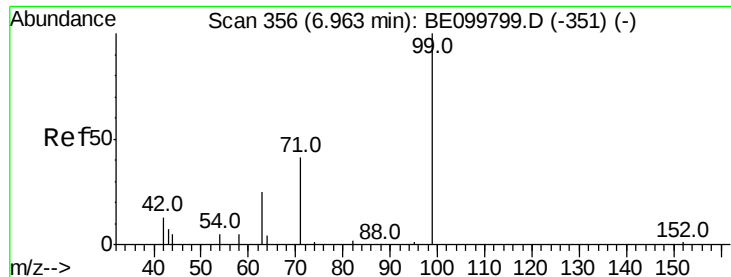
64 54.2 47.2 70.8

63 119.9 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: 0.314 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

ClientSampleId :

PB120314BS

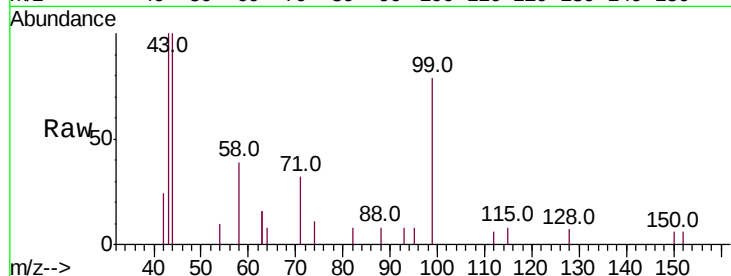
Tot Ion: 99 Resp: 1539

Ion Ratio Lower Upper

99 100

42 15.5 11.0 16.4

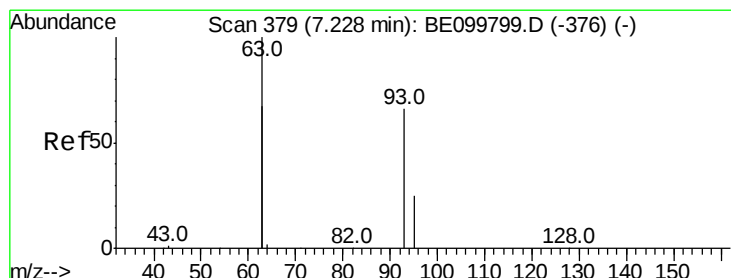
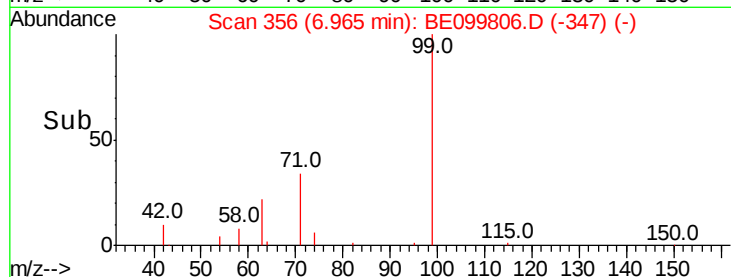
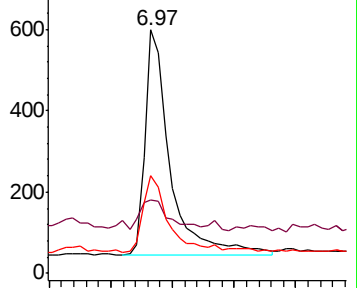
71 34.7 26.1 39.1



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: 0.340 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

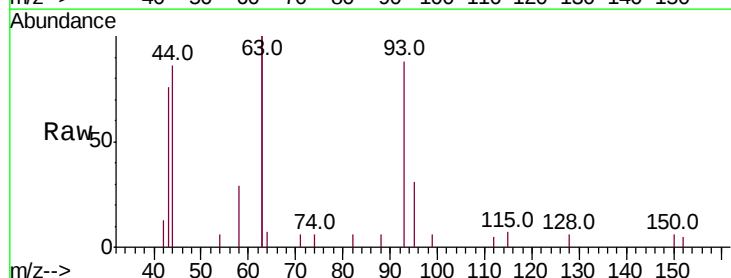
Tgt Ion: 93 Resp: 1461

Ion Ratio Lower Upper

93 100

63 254.9 208.8 313.2

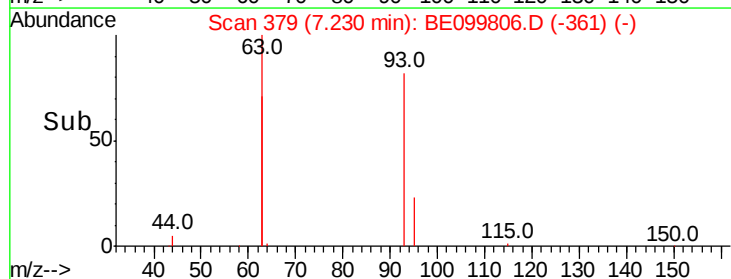
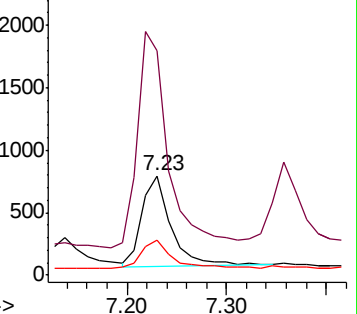
95 33.5 27.6 41.4

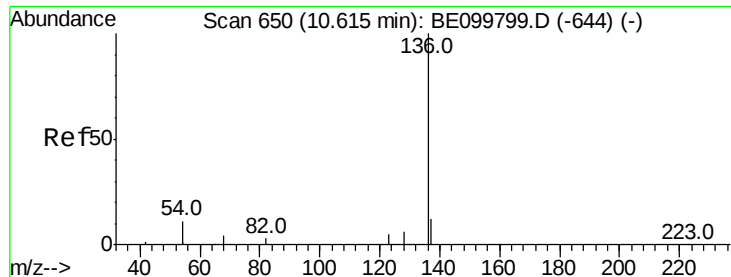


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

ClientSampleId :

PB120314BS

Tot Ion:136 Resp: 4928

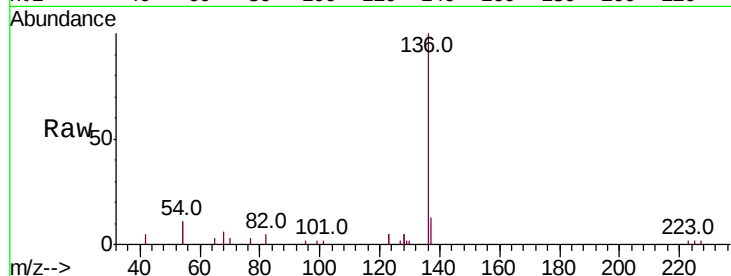
Ion Ratio Lower Upper

136 100

137 13.2 11.1 16.7

54 22.8 17.9 26.9

68 6.4 5.4 8.0

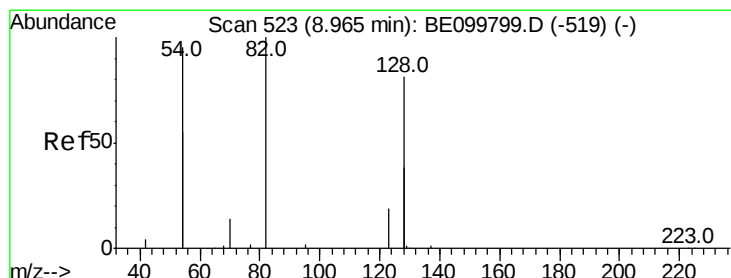
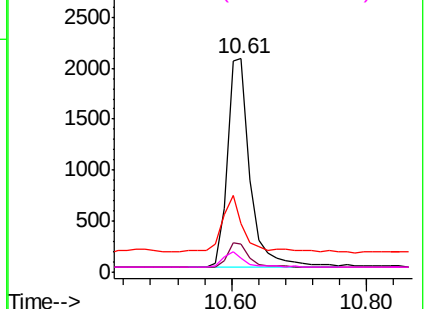
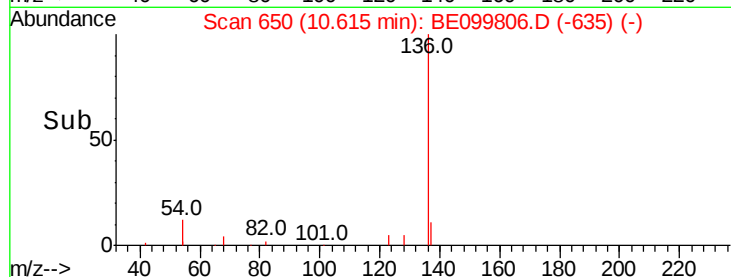


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.333 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

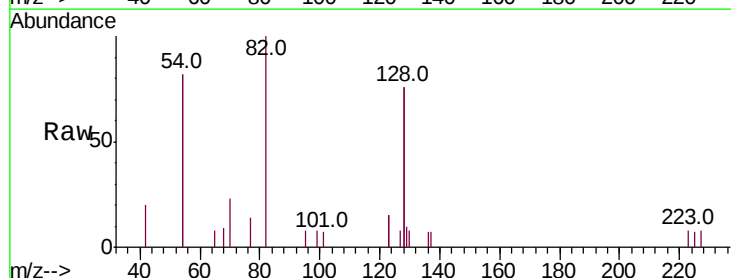
Tgt Ion: 82 Resp: 1443

Ion Ratio Lower Upper

82 100

128 152.8 116.6 175.0

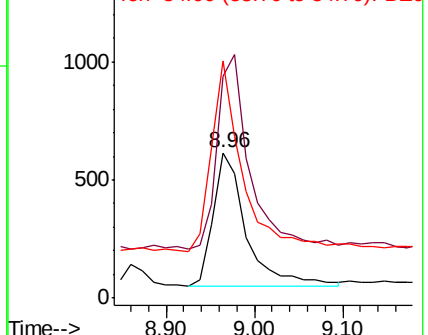
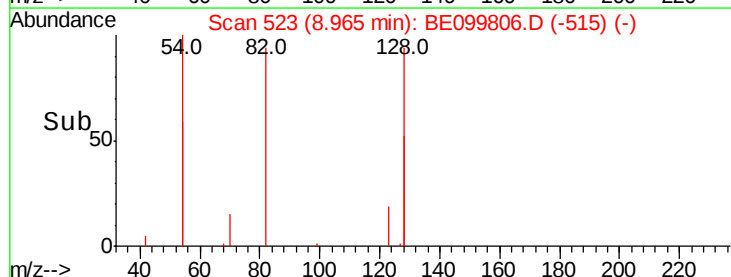
54 163.3 136.2 204.4

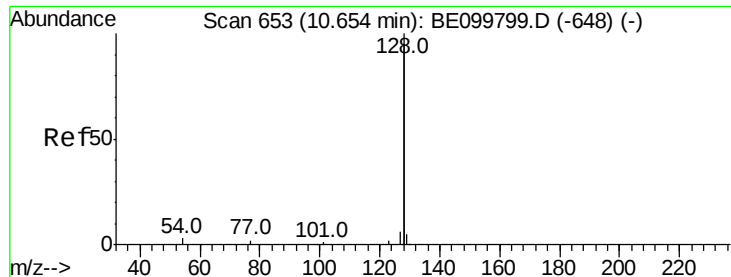


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.363 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

ClientSampleId :

PB120314BS

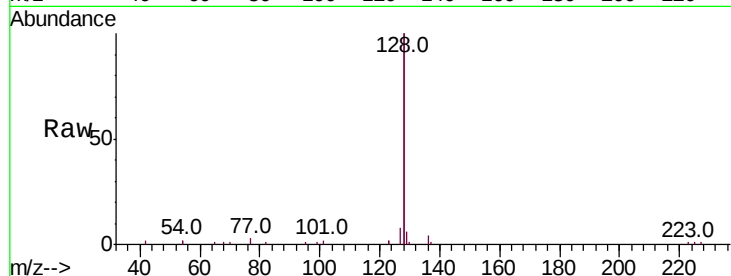
Tot Ion:128 Resp: 19091

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

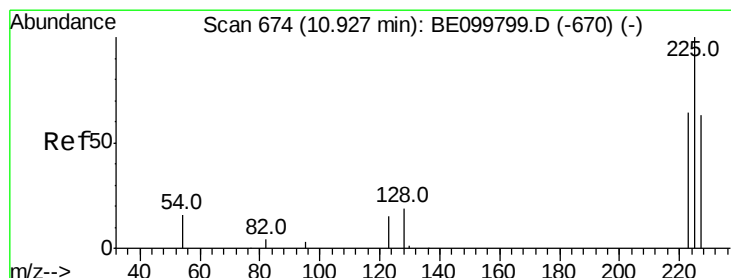
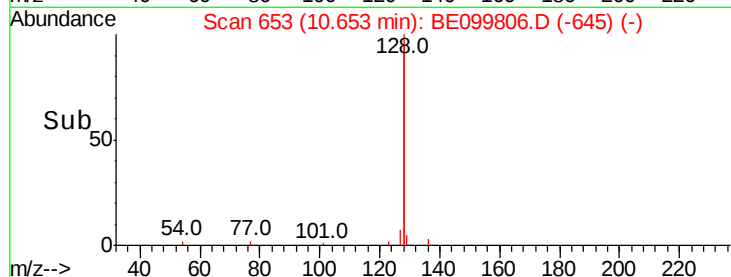
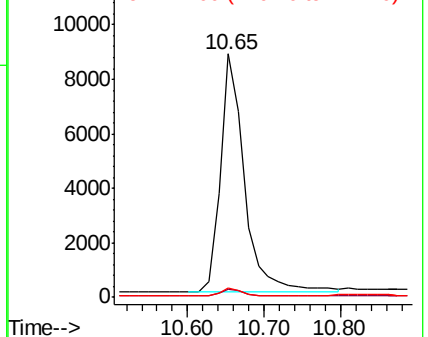
127 4.0 3.0 4.6



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: 0.366 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

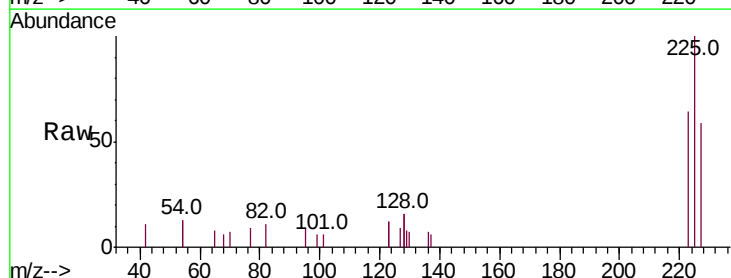
Tgt Ion:225 Resp: 1465

Ion Ratio Lower Upper

225 100

223 61.4 48.6 72.8

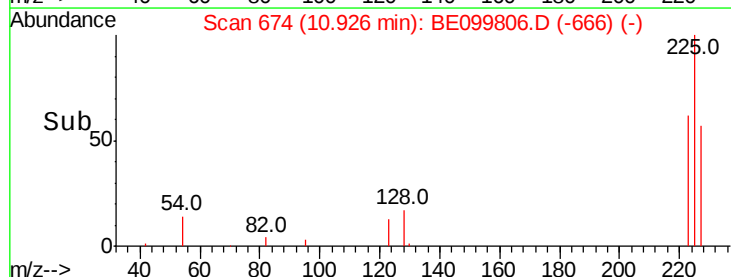
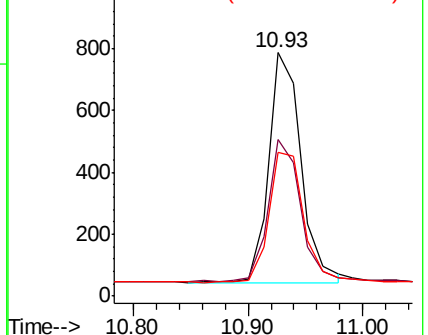
227 60.3 51.6 77.4

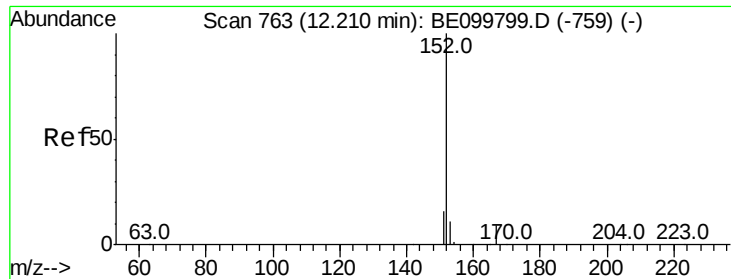


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

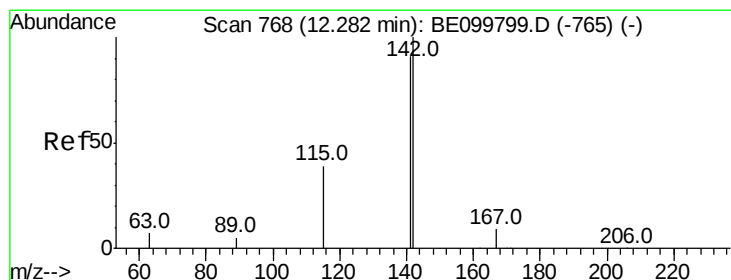
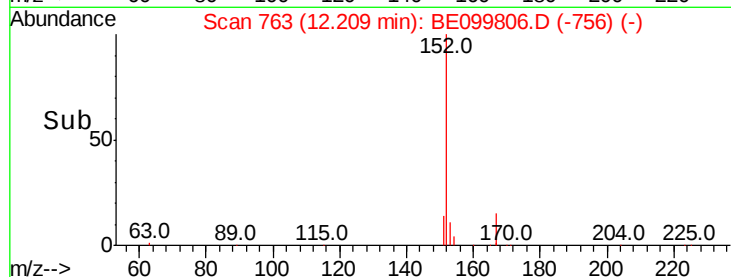
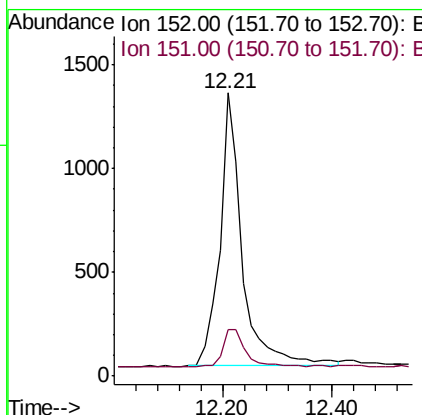
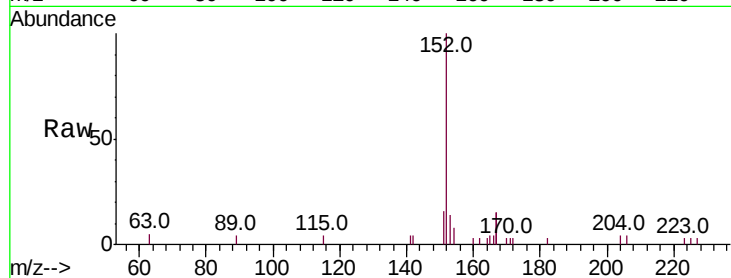




#11
 2-Methylnaphthalene-d10
 Concen: 0.448 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE099806.D
 Acq: 5 Jun 2019 16:08

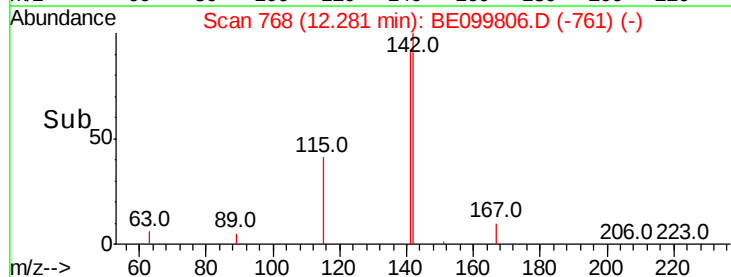
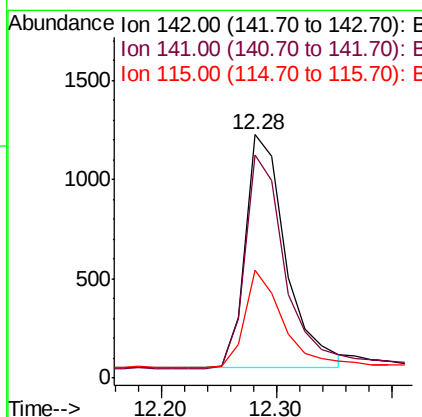
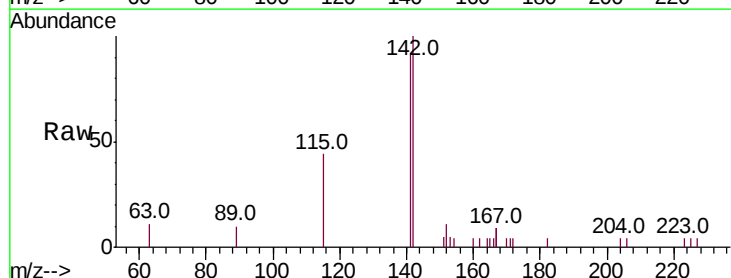
Instrument :
 BNA_E
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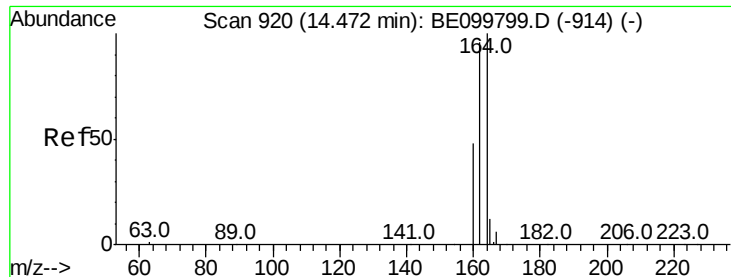
Tot Ion:152 Resp: 3790
 Ion Ratio Lower Upper
 152 100
 151 13.4 15.8 23.8#



#12
 2-Methylnaphthalene
 Concen: 0.341 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE099806.D
 Acq: 5 Jun 2019 16:08

Tgt Ion:142 Resp: 2861
 Ion Ratio Lower Upper
 142 100
 141 91.9 73.3 109.9
 115 44.2 33.4 50.2

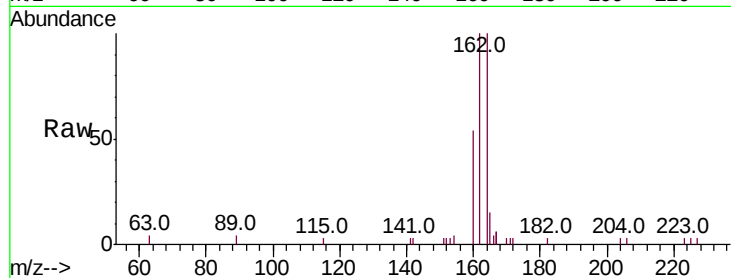




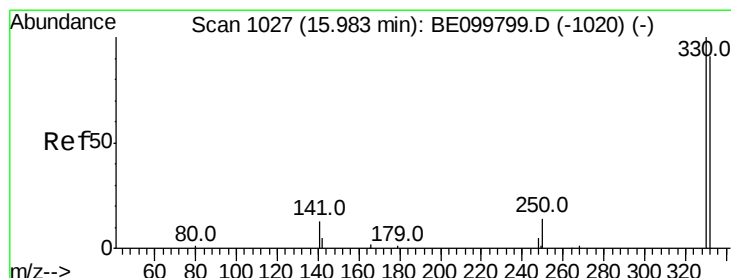
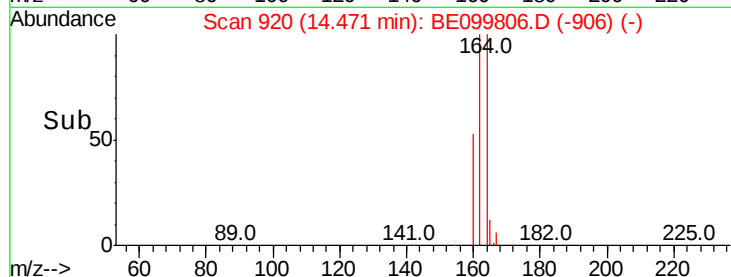
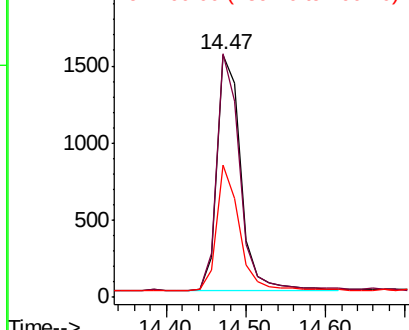
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE099806.D
 Acq: 5 Jun 2019 16:08

Instrument :
 BNA_E
 ClientSampleId :
 PB120314BS

Tot Ion:164 Resp: 3137
 Ion Ratio Lower Upper
 164 100
 162 100.3 77.2 115.8
 160 54.6 39.4 59.2

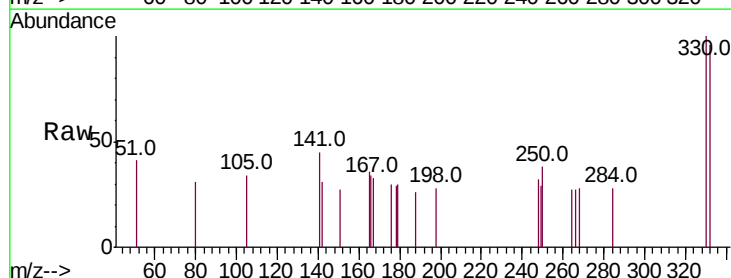


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

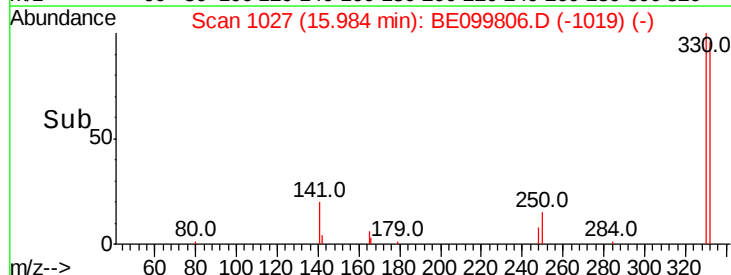
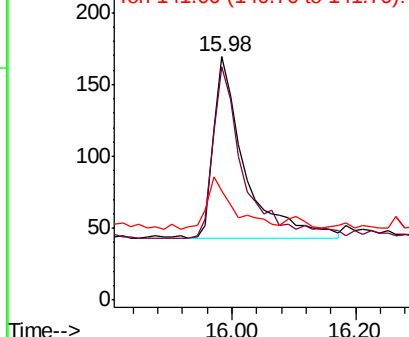


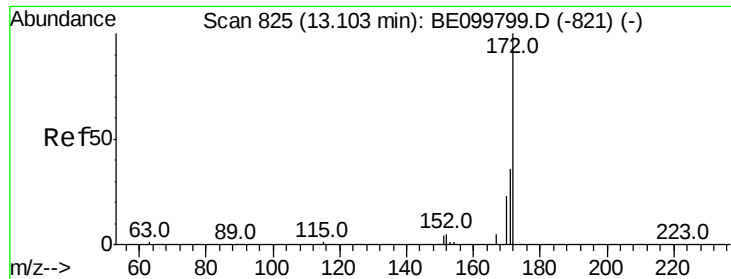
#14
 2,4,6-Tribromophenol
 Concen: 0.322 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099806.D
 Acq: 5 Jun 2019 16:08

Tgt Ion:330 Resp: 443
 Ion Ratio Lower Upper
 330 100
 332 93.7 74.9 112.3
 141 25.3 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

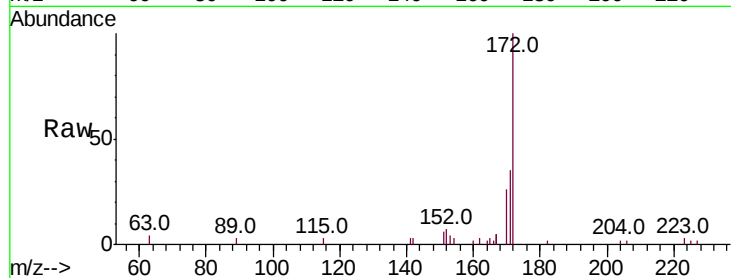




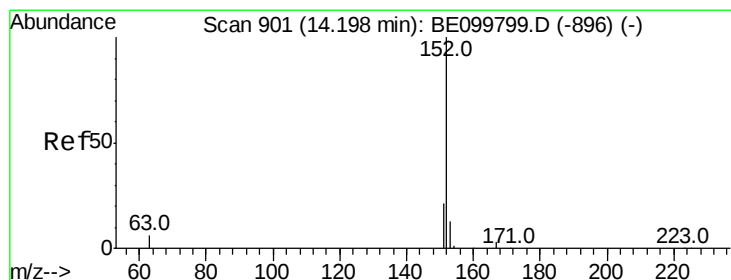
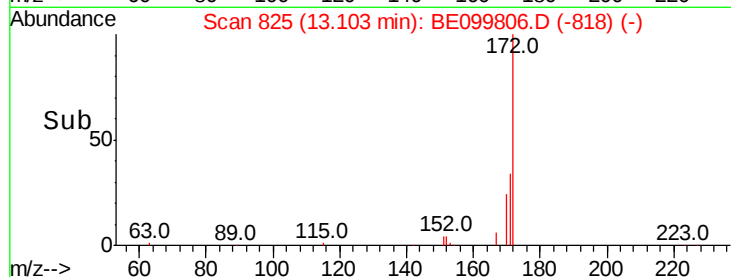
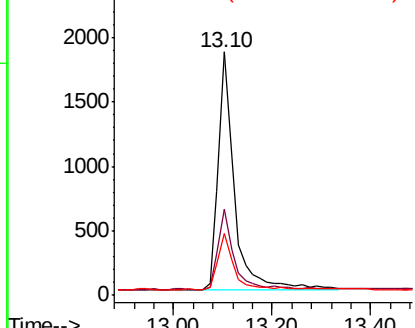
#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tot Ion:172 Resp: 4109
Ion Ratio Lower Upper
172 100
171 35.5 30.2 45.4
170 25.6 20.1 30.1

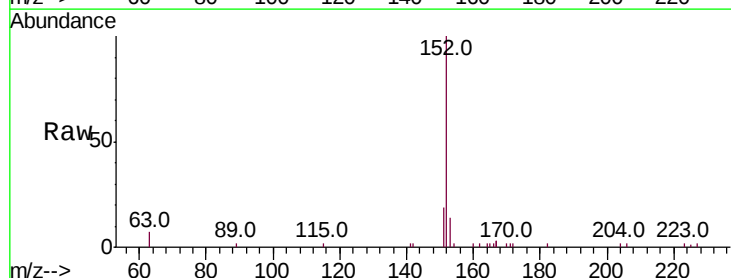


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

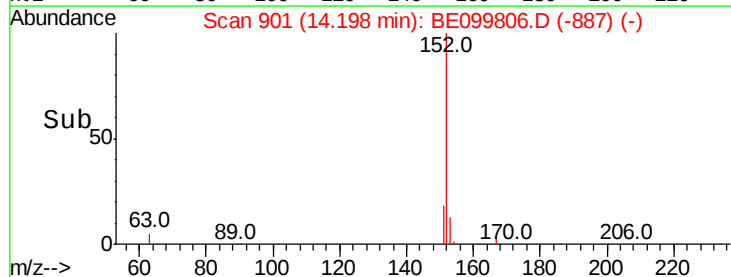
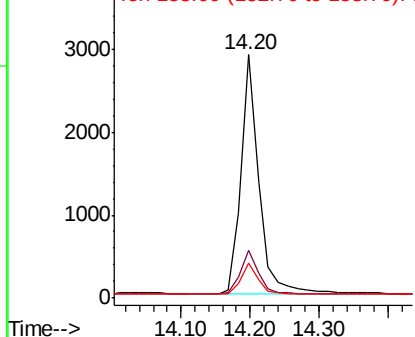


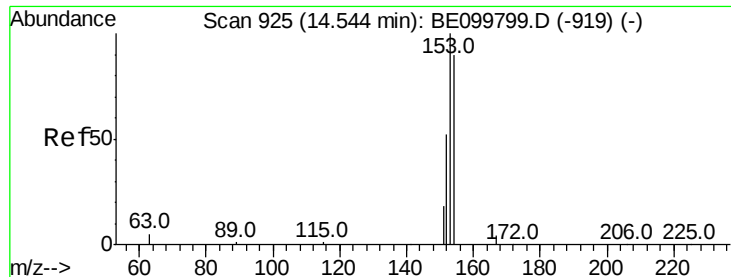
#16
Acenaphthylene
Concen: 0.342 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Tgt Ion:152 Resp: 5184
Ion Ratio Lower Upper
152 100
151 18.8 15.9 23.9
153 12.4 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: 0.344 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

ClientSampleId :

PB120314BS

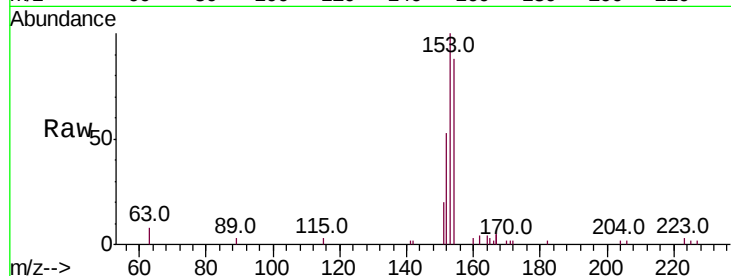
Tot Ion:154 Resp: 2849

Ion Ratio Lower Upper

154 100

153 117.7 93.8 140.6

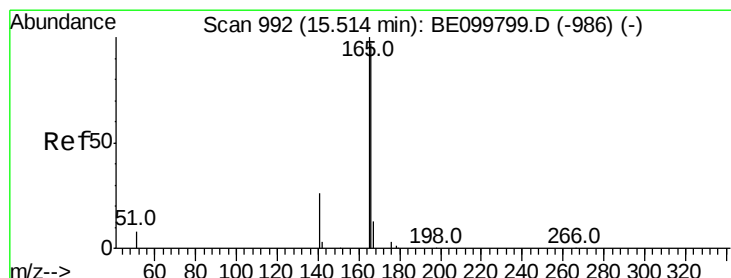
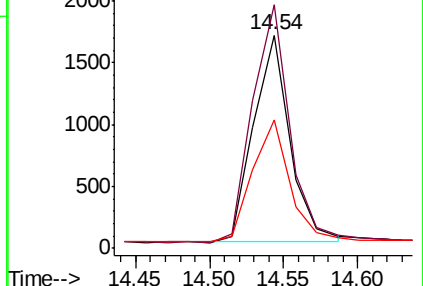
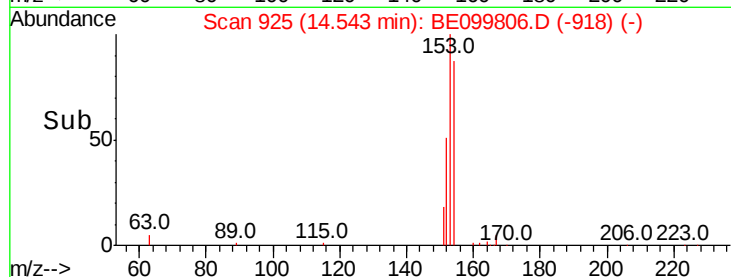
152 60.0 48.3 72.5



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: 0.339 ng

RT: 15.52 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

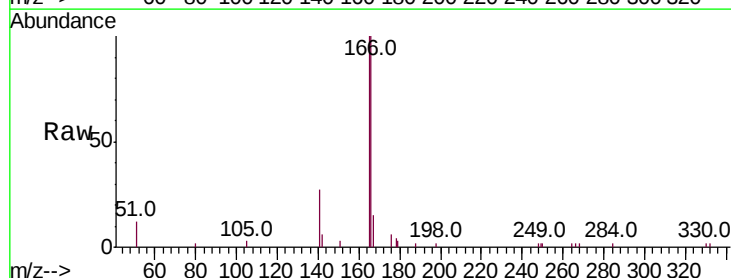
Tgt Ion:166 Resp: 4136

Ion Ratio Lower Upper

166 100

165 97.3 80.4 120.6

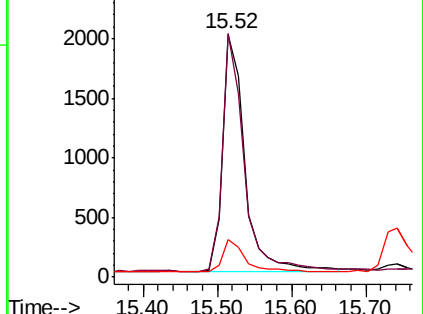
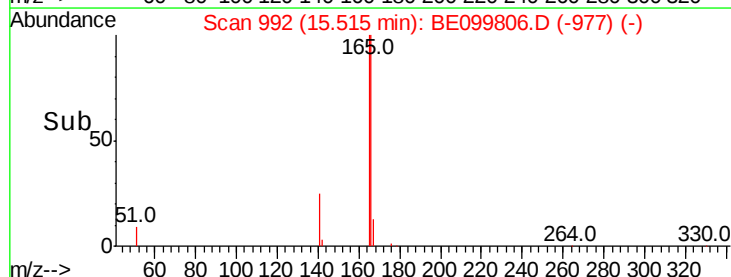
167 13.4 10.7 16.1

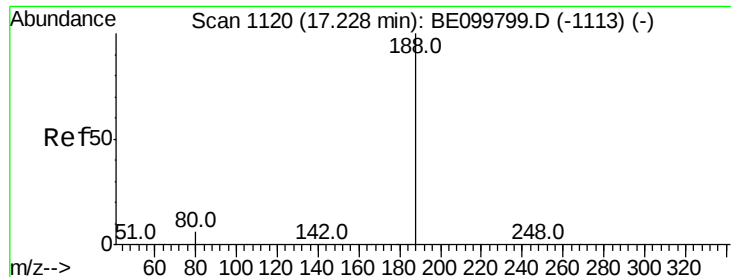


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

ClientSampleId :

PB120314BS

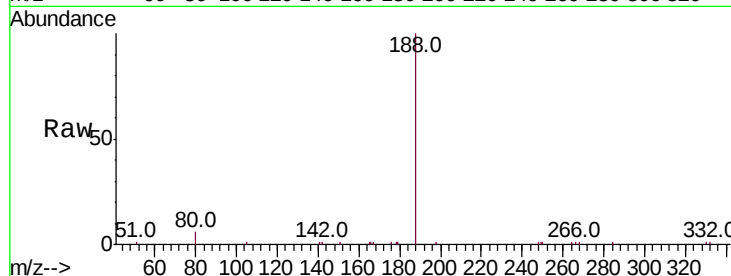
Tot Ion:188 Resp: 9525

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

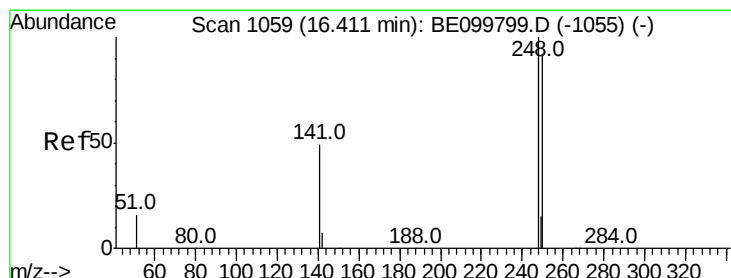
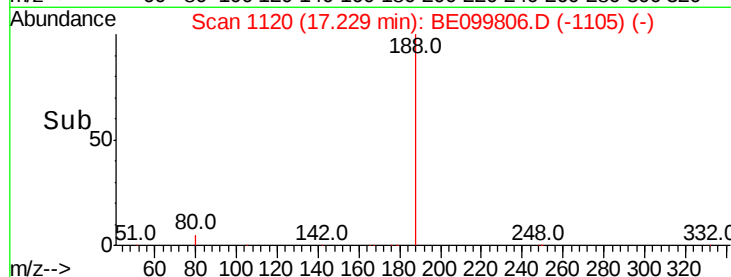
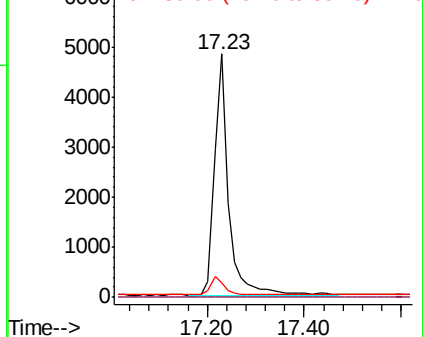
80 5.8 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.350 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

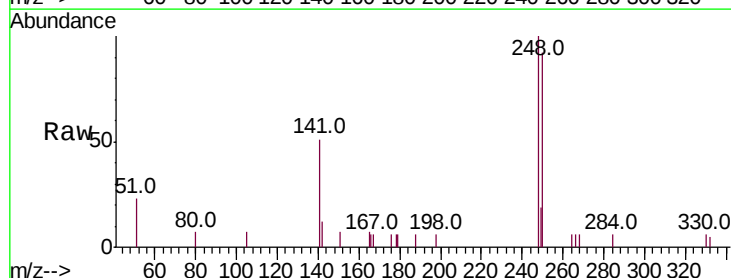
Tgt Ion:248 Resp: 1860

Ion Ratio Lower Upper

248 100

250 92.4 73.7 110.5

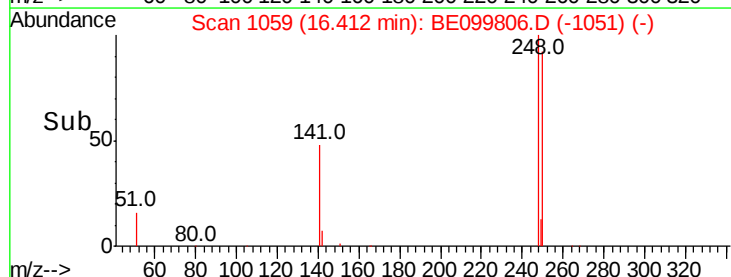
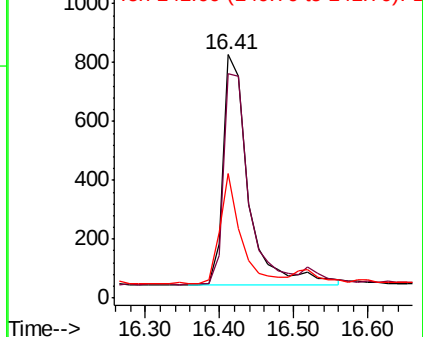
141 51.1 40.9 61.3

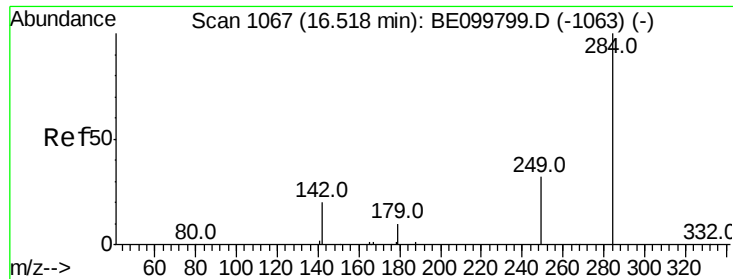


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.336 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

ClientSampleId :

PB120314BS

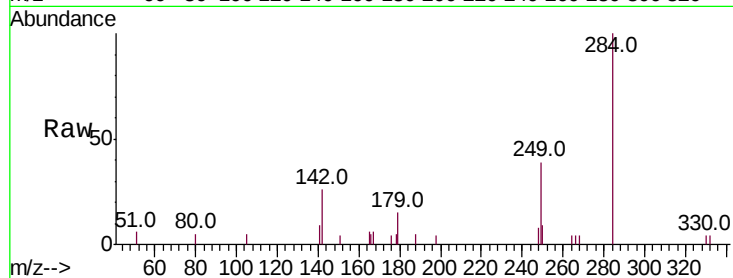
Tot Ion:284 Resp: 1955

Ion Ratio Lower Upper

284 100

142 22.7 16.2 24.4

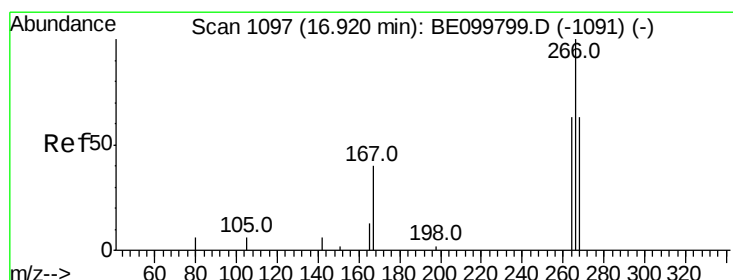
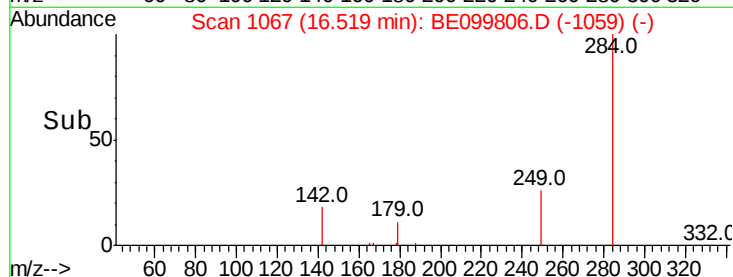
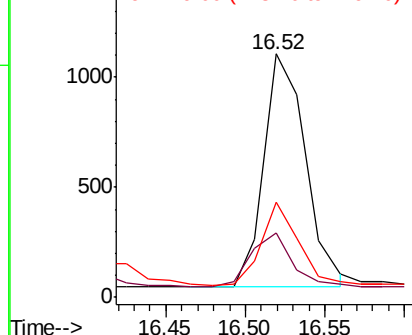
249 30.4 23.1 34.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.328 ng

RT: 16.95 min Scan# 1099

Delta R.T. 0.03 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

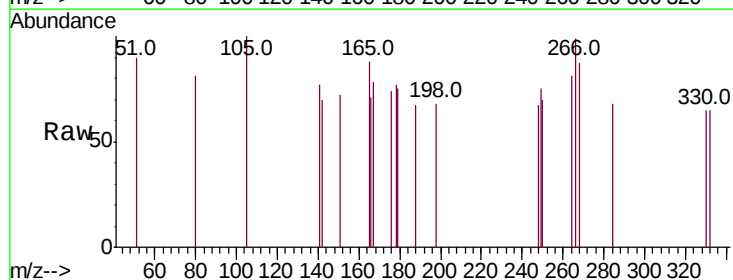
Tgt Ion:266 Resp: 93

Ion Ratio Lower Upper

266 100

264 82.4 64.9 97.3

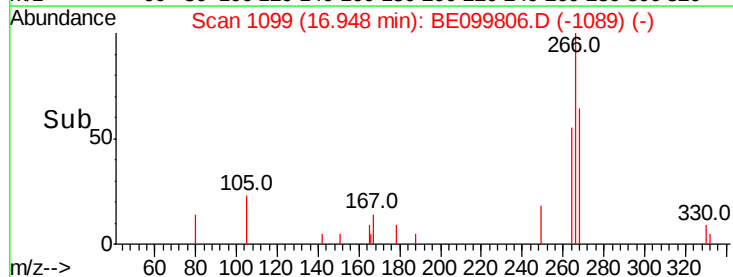
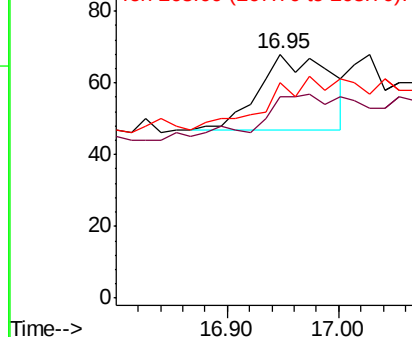
268 88.2 64.0 96.0

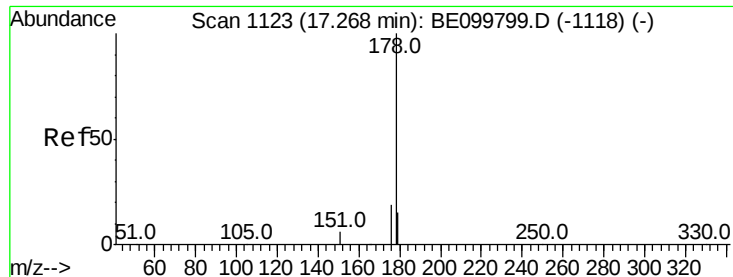


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.343 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

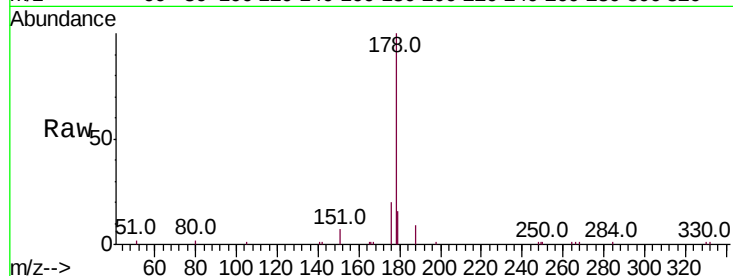
BNA_E

ClientSampleId :

PB120314BS

Tot Ion:178 Resp: 7791

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.3	12.5	18.7

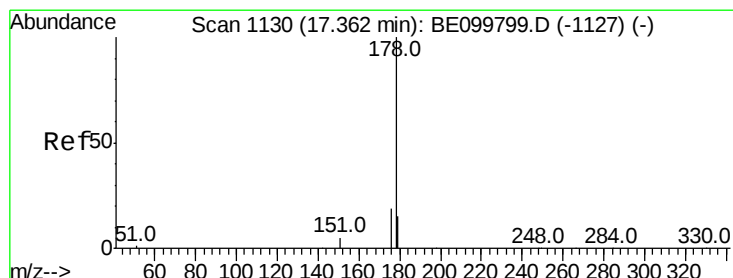
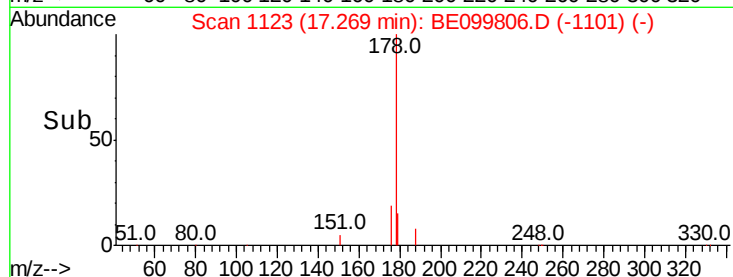
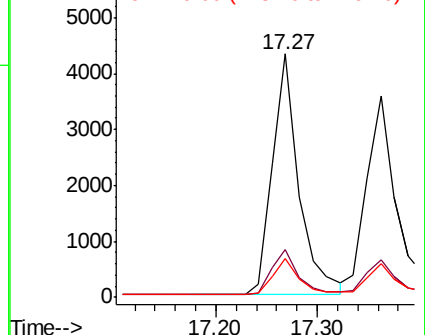


Abundance

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: 0.317 ng

RT: 17.36 min Scan# 1130

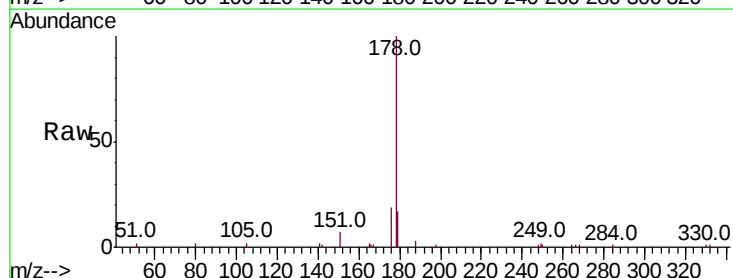
Delta R.T. 0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Tgt Ion:178 Resp: 6504

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	15.7	12.1	18.1

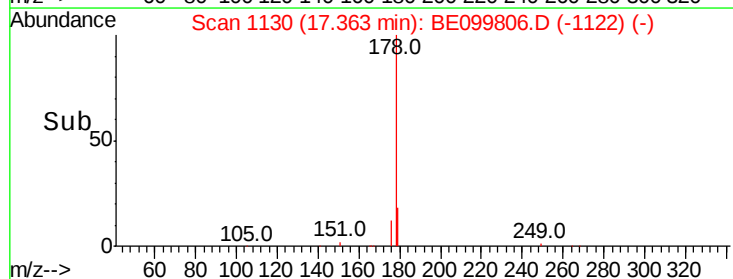
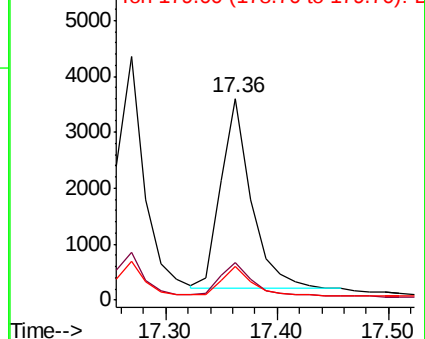


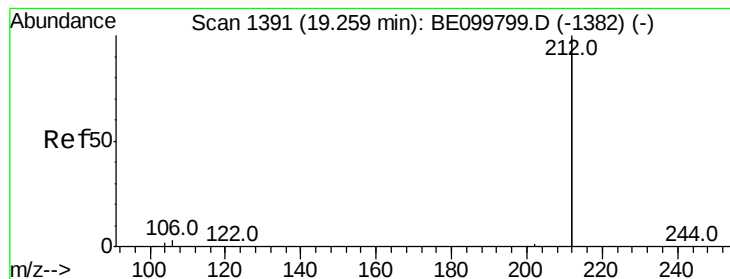
Abundance

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: 0.341 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

ClientSampleId :

PB120314BS

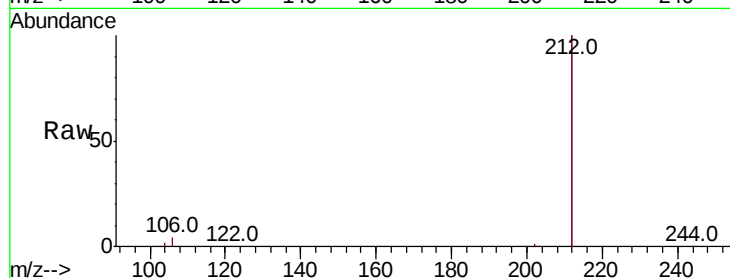
Tot Ion:212 Resp: 48278

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

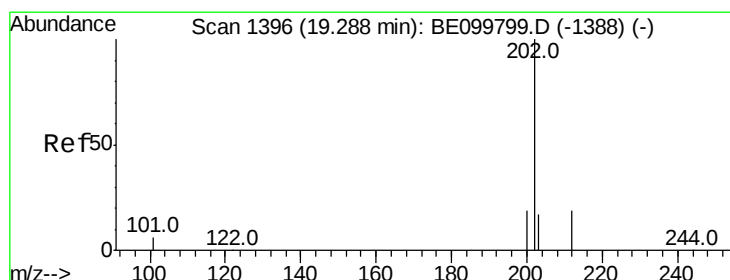
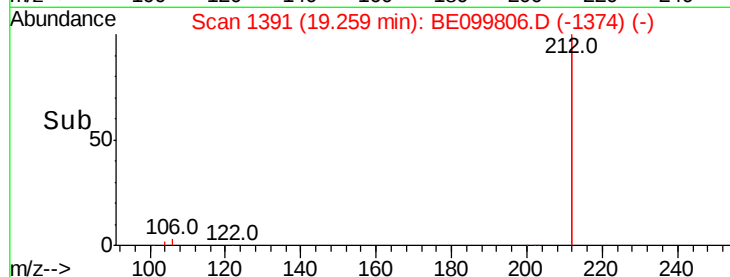
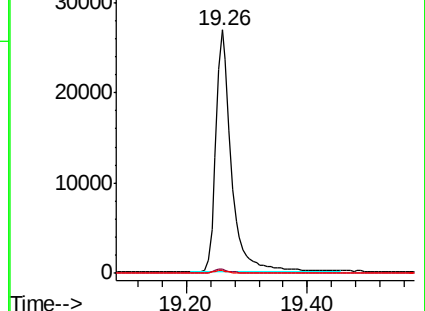
104 0.9 0.8 1.2



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: 0.360 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

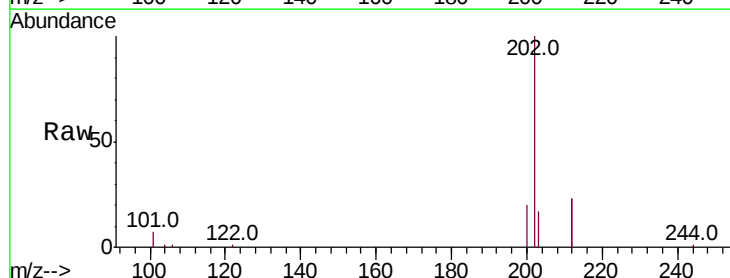
Tgt Ion:202 Resp: 14357

Ion Ratio Lower Upper

202 100

101 6.5 5.2 7.8

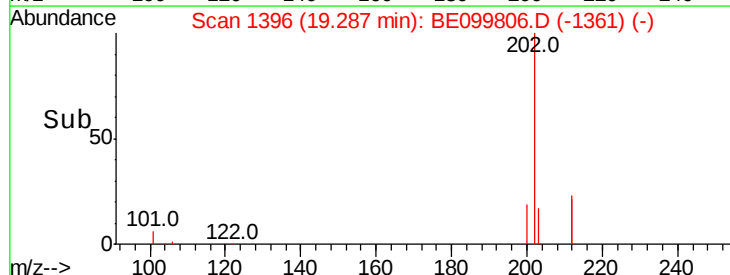
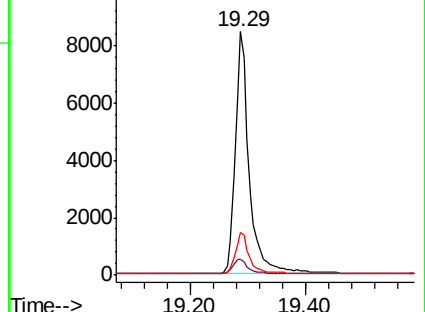
203 16.9 13.6 20.4

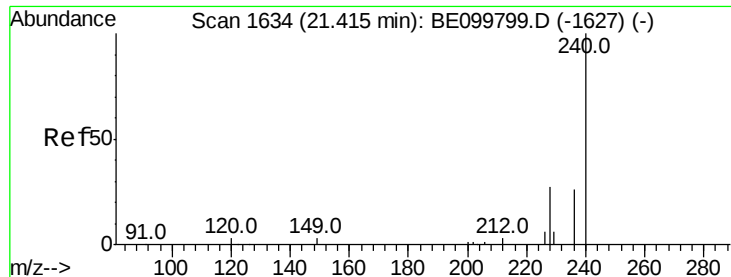


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

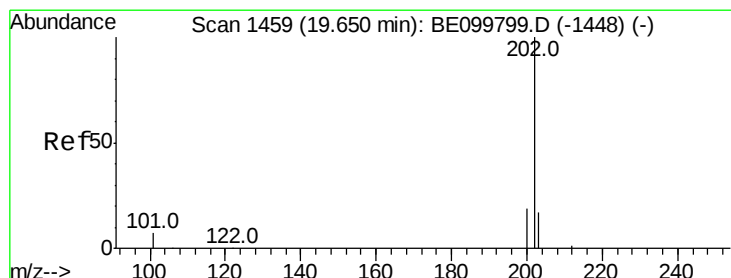
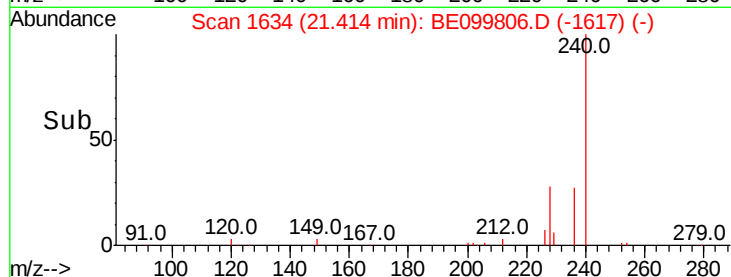
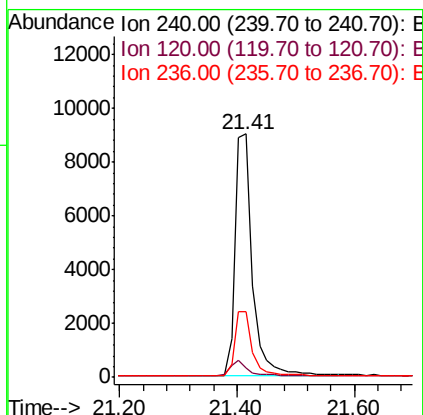
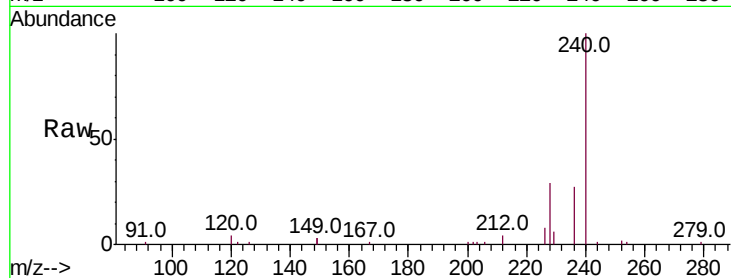




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

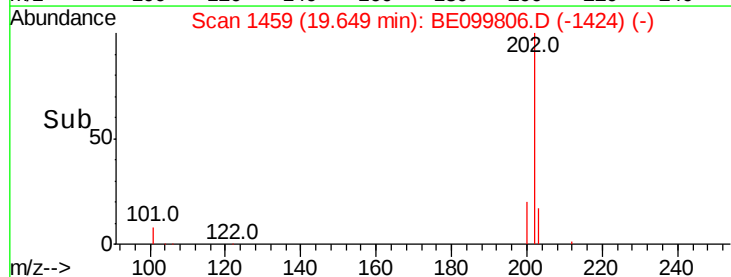
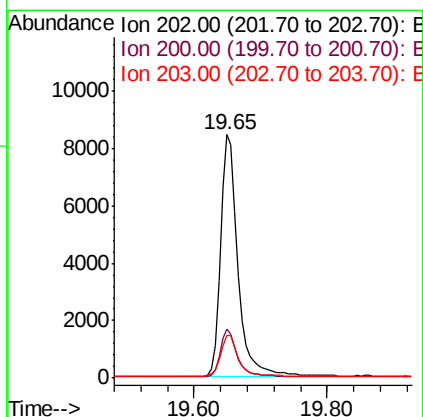
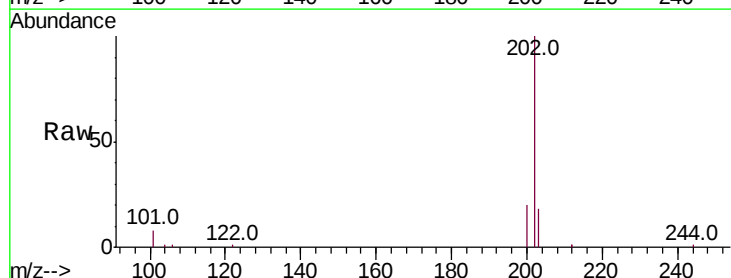
Instrument :
BNA_E
ClientSampleId :
PB120314BS

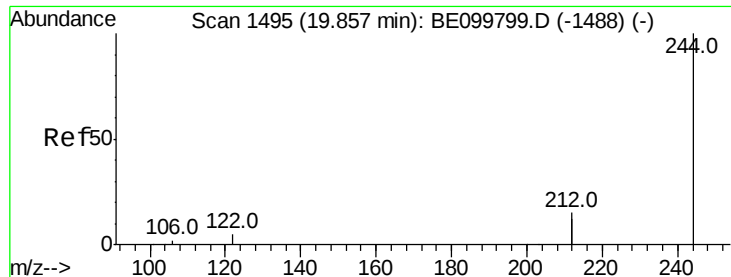
Tot Ion:240 Resp: 18692
Ion Ratio Lower Upper
240 100
120 3.6 2.8 4.2
236 26.9 20.9 31.3



#28
Pyrene
Concen: 0.334 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Tgt Ion:202 Resp: 15082
Ion Ratio Lower Upper
202 100
200 19.3 15.6 23.4
203 17.7 14.1 21.1





#29

Terphenyl-d14

Concen: 0.346 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

ClientSampleId :

PB120314BS

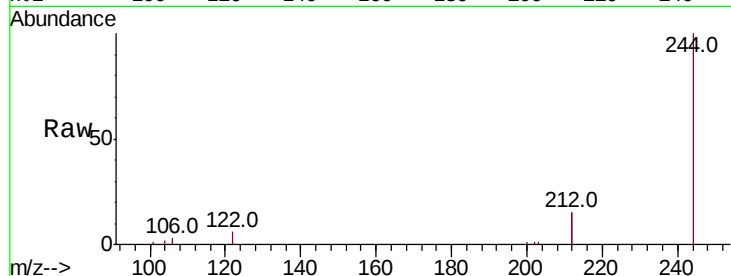
Tot Ion:244 Resp: 10597

Ion Ratio Lower Upper

244 100

212 31.0 23.7 35.5

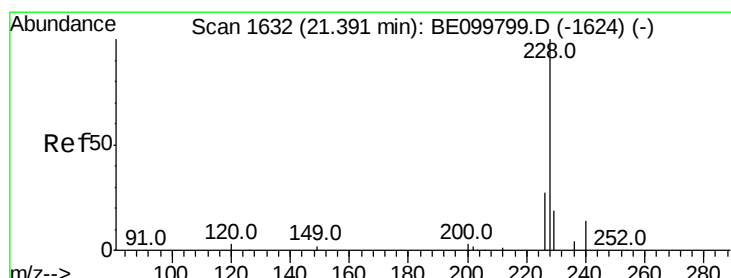
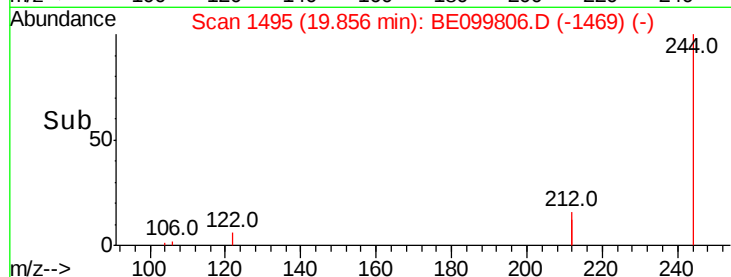
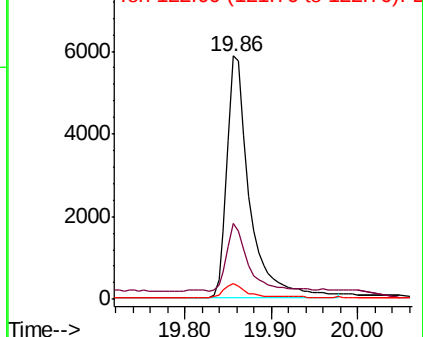
122 6.3 4.8 7.2



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: 0.411 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

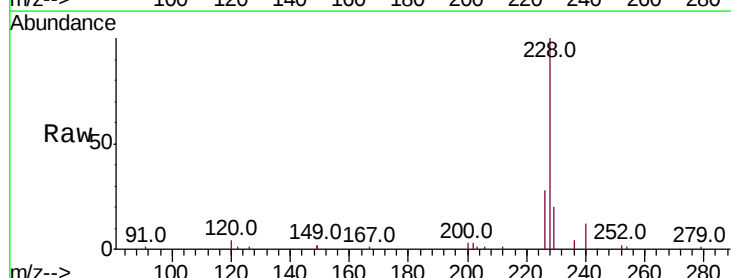
Tgt Ion:228 Resp: 21222

Ion Ratio Lower Upper

228 100

226 27.8 21.6 32.4

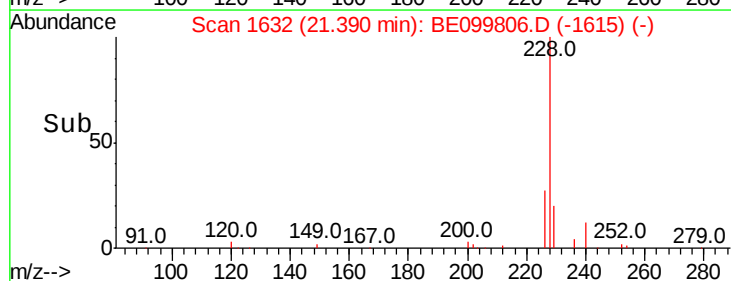
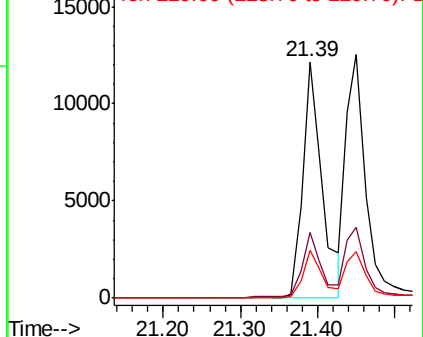
229 20.1 15.8 23.6

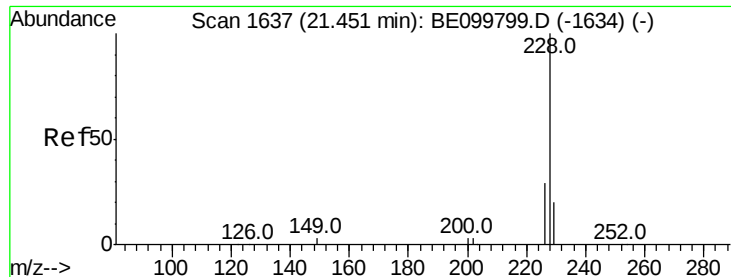


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.372 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

ClientSampleId :

PB120314BS

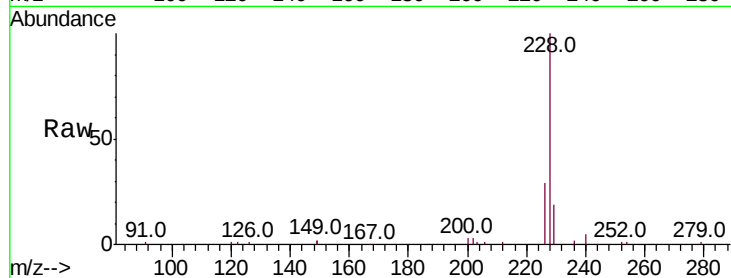
Tot Ion:228 Resp: 21212

Ion Ratio Lower Upper

228 100

226 29.1 22.9 34.3

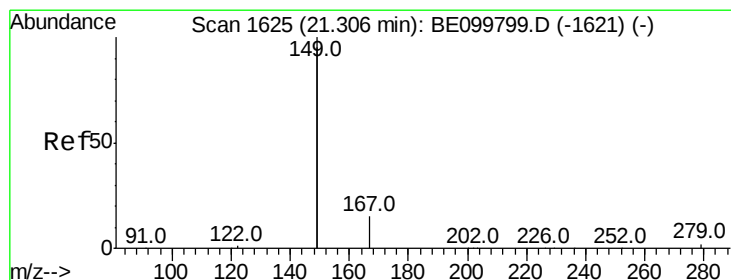
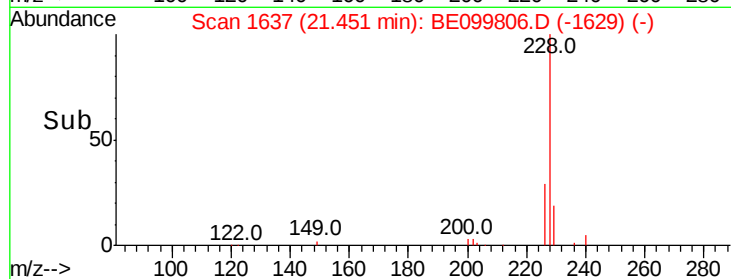
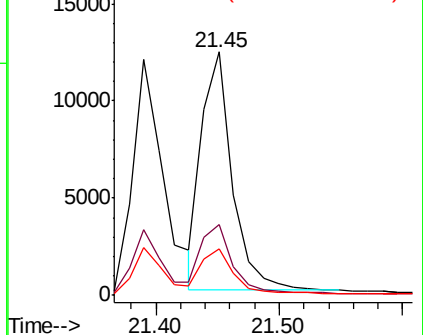
229 19.1 16.4 24.6



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: 0.330 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

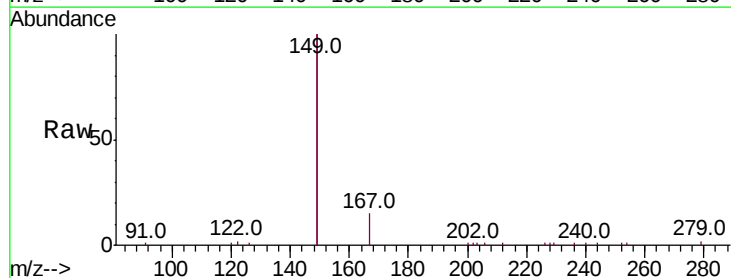
Tgt Ion:149 Resp: 19564

Ion Ratio Lower Upper

149 100

167 7.3 6.0 9.0

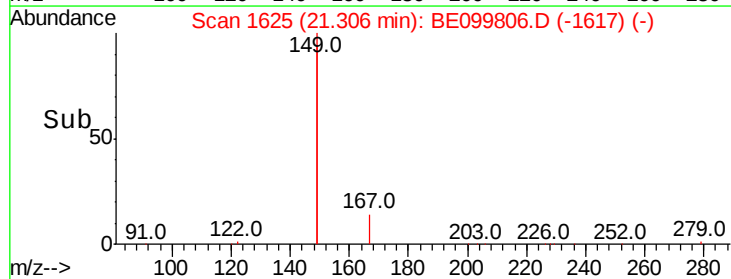
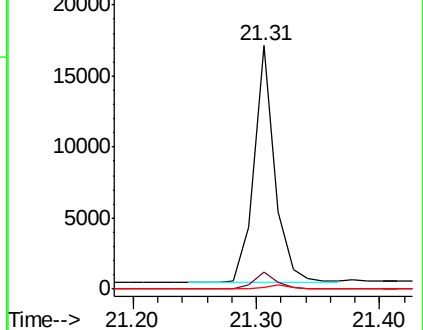
279 1.5 1.2 1.8

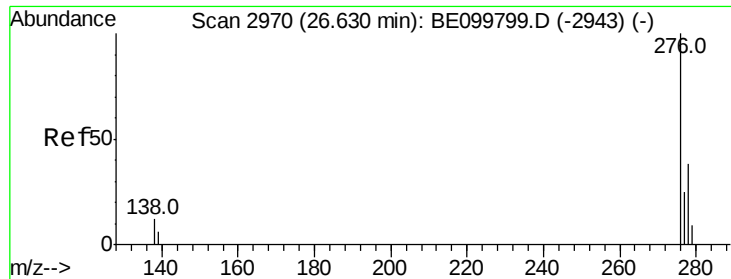


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

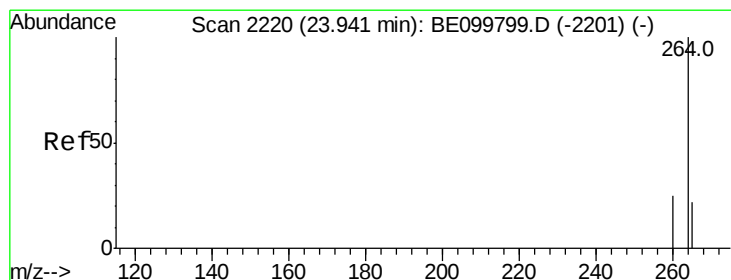
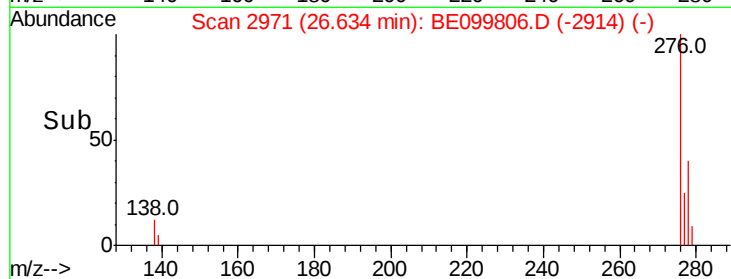
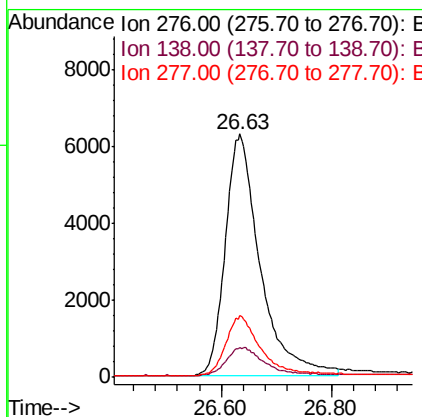
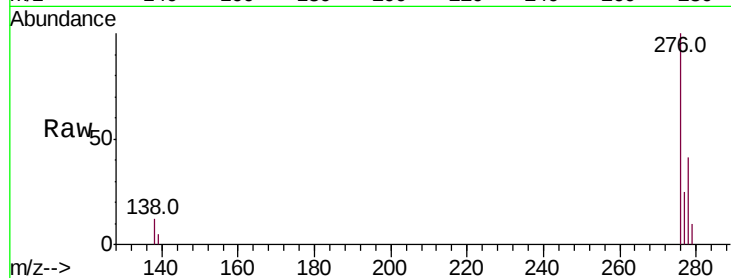




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.402 ng
 RT: 26.63 min Scan# 2971
 Delta R.T. 0.00 min
 Lab File: BE099806.D
 Acq: 5 Jun 2019 16:08

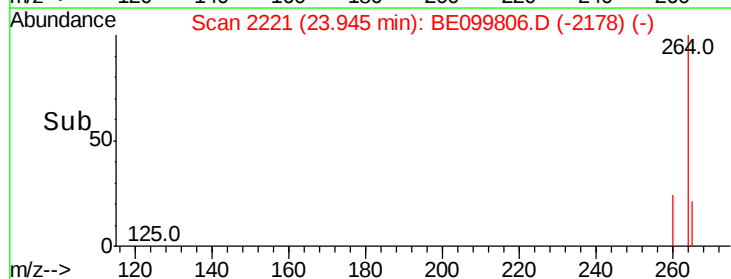
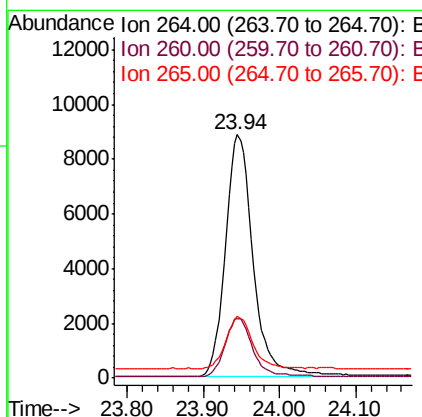
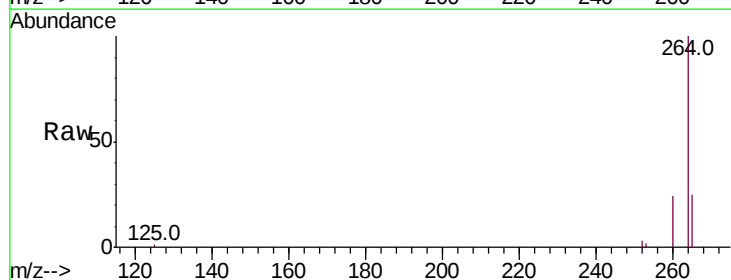
Instrument :
 BNA_E
 ClientSampleId :
 PB120314BS

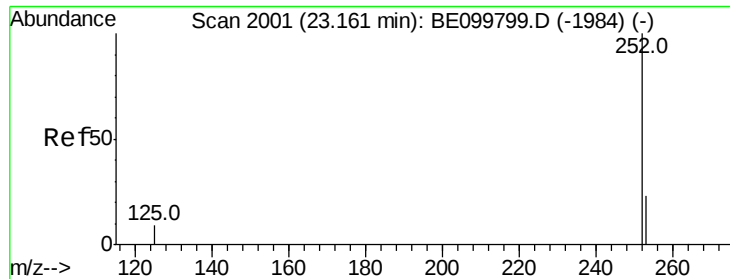
Tot Ion:276 Resp: 27464
 Ion Ratio Lower Upper
 276 100
 138 12.3 10.3 15.5
 277 24.2 19.4 29.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2221
 Delta R.T. 0.00 min
 Lab File: BE099806.D
 Acq: 5 Jun 2019 16:08

Tgt Ion:264 Resp: 22418
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.0 30.0
 265 25.3 20.7 31.1

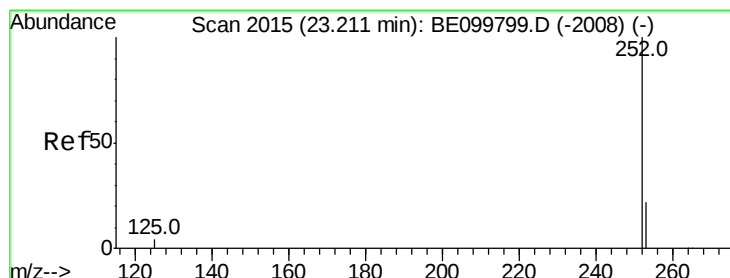
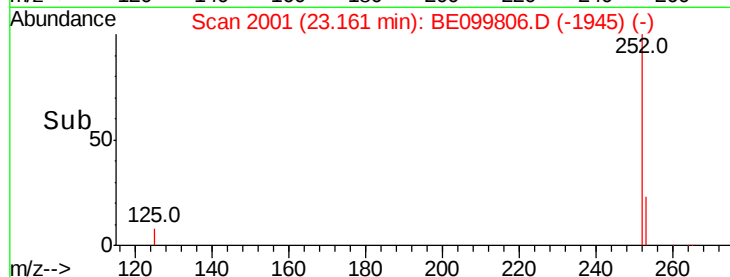
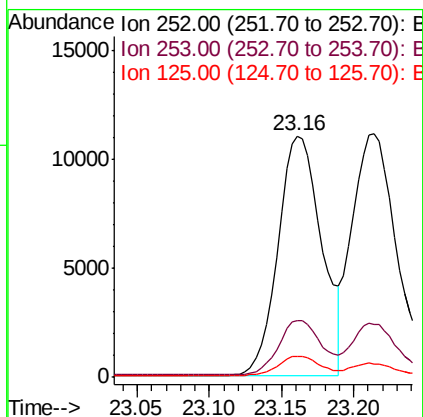
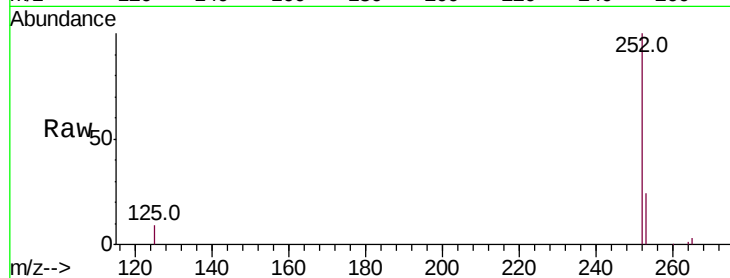




#35
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

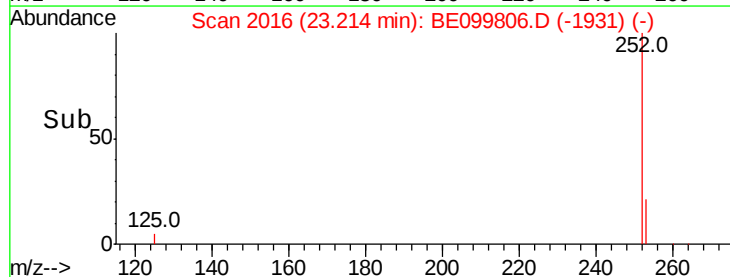
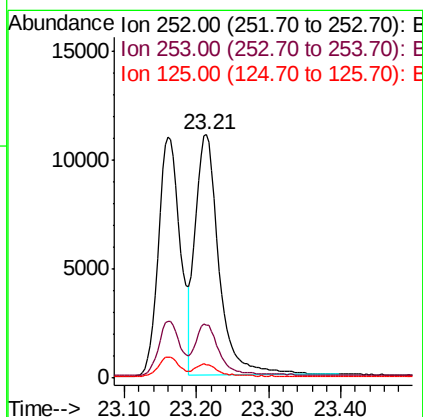
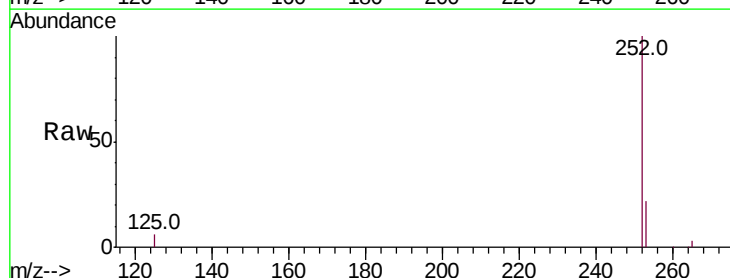
Instrument :
BNA_E
ClientSampleId :
PB120314BS

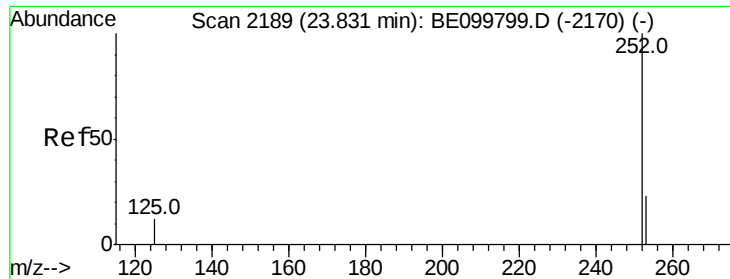
Tot Ion:252 Resp: 23174
Ion Ratio Lower Upper
252 100
253 23.7 18.9 28.3
125 8.9 7.6 11.4



#36
Benzo(k)fluoranthene
Concen: 0.386 ng
RT: 23.21 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Tgt Ion:252 Resp: 25416
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 5.5 4.6 7.0





#37

Benzo(a)pyrene

Concen: 0.386 ng

RT: 23.83 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

ClientSampleId :

PB120314BS

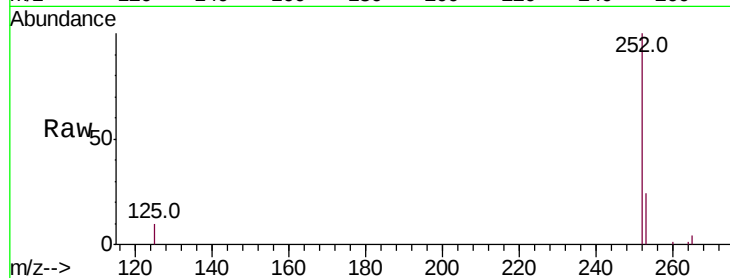
Tot Ion:252 Resp: 23212

Ion Ratio Lower Upper

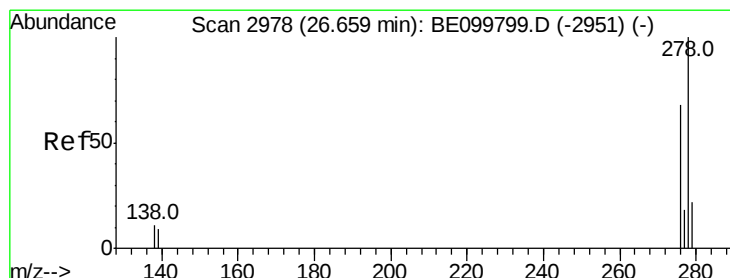
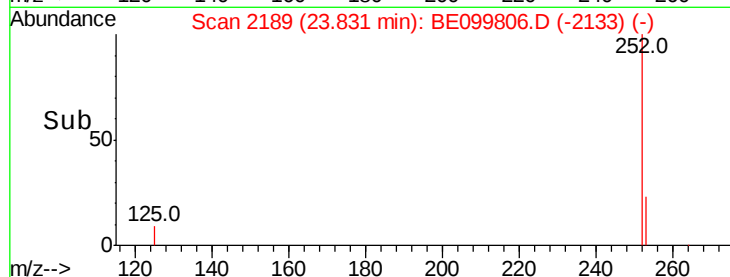
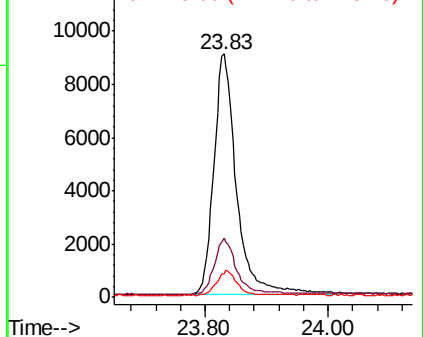
252 100

253 24.1 19.3 28.9

125 9.9 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: 0.368 ng

RT: 26.66 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

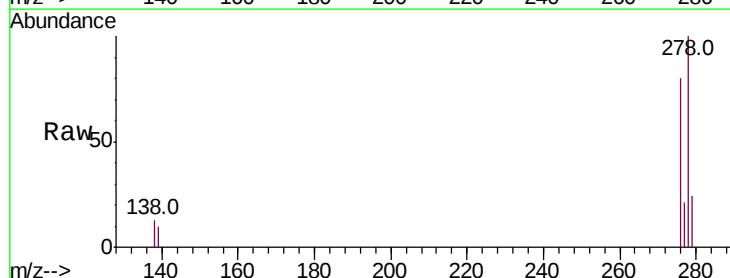
Tgt Ion:278 Resp: 22506

Ion Ratio Lower Upper

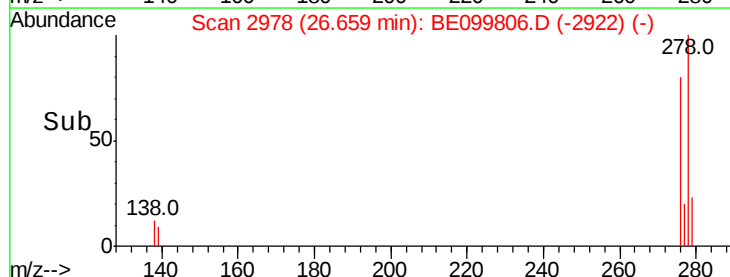
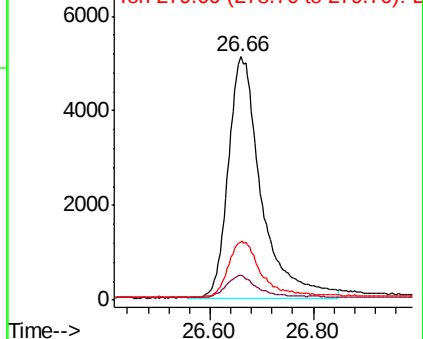
278 100

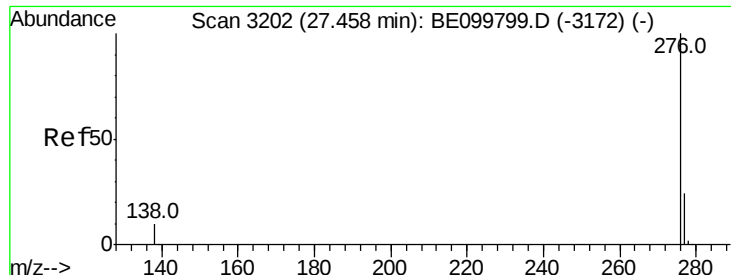
139 10.0 7.9 11.9

279 24.0 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.369 ng

RT: 27.45 min Scan# 3201

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

ClientSampleId :

PB120314BS

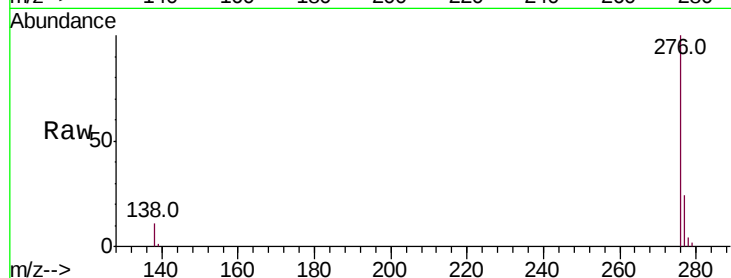
Tot Ion:276 Resp: 23749

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 11.4 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

