

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
 Data File : BE098855.D
 Acq On : 9 Mar 2019 5:12
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 09 05:53:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	978	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	4339	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2809	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	7437	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	9353	0.40	ng	-0.01
34) Perylene-d12	23.89	264	9231	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1004	0.34	ng	0.00
5) Phenol-d6	6.99	99	1528	0.37	ng	0.00
8) Nitrobenzene-d5	8.96	82	1551	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	3106	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	534	0.38	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	4632	0.40	ng	-0.01
25) Fluoranthene-d10	19.24	212	41783	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	8443	0.37	ng	0.00

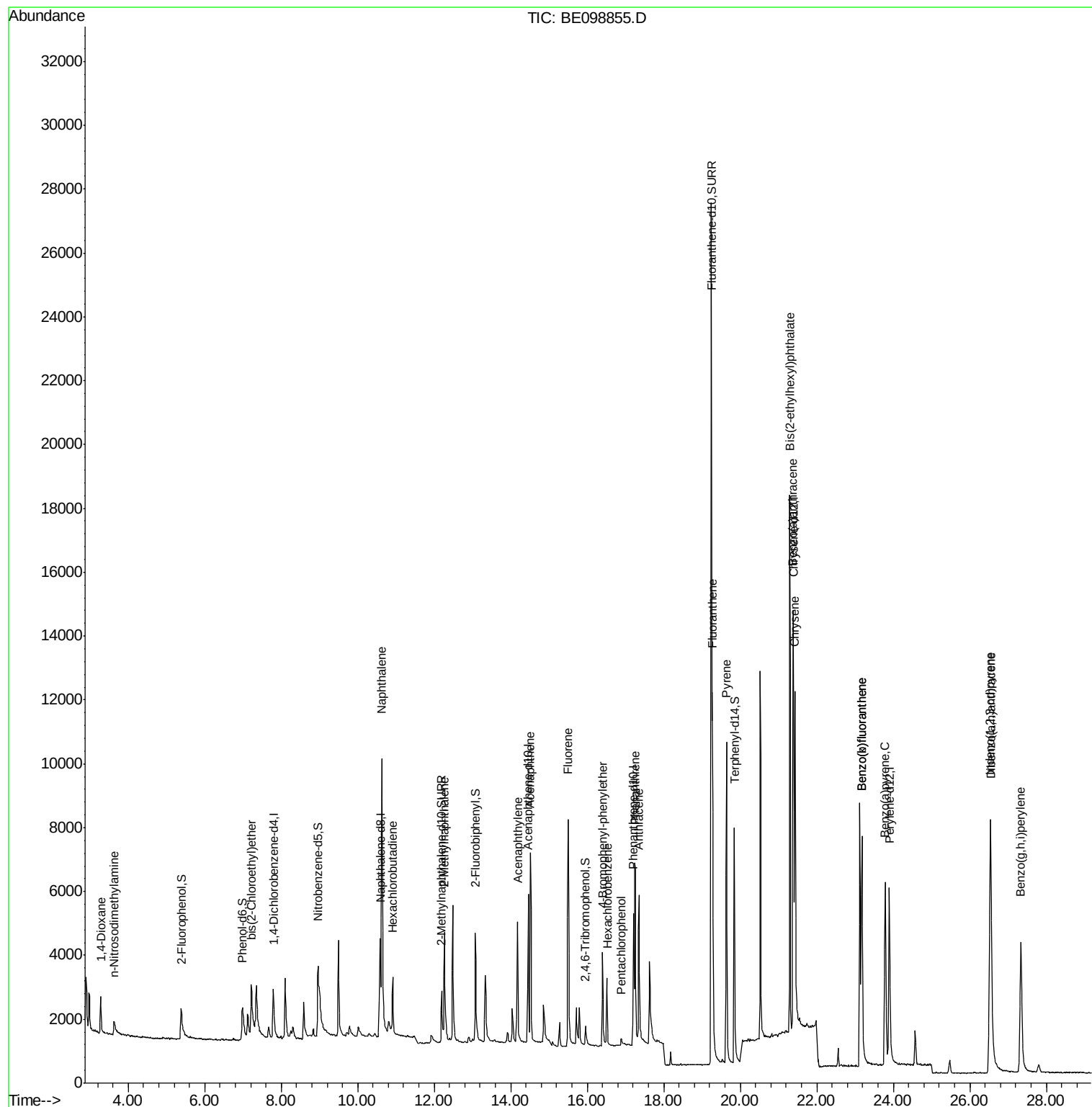
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	759	0.400	ng	96
3) n-Nitrosodimethylamine	3.62	42	709	0.288	ng	# 92
6) bis(2-Chloroethyl)ether	7.22	93	1161	0.364	ng	# 97
9) Naphthalene	10.63	128	19380	0.390	ng	99
10) Hexachlorobutadiene	10.91	225	1279	0.389	ng	97
12) 2-Methylnaphthalene	12.27	142	3086	0.383	ng	98
16) Acenaphthylene	14.18	152	5605	0.388	ng	98
17) Acenaphthene	14.51	154	3351	0.391	ng	98
18) Fluorene	15.50	166	4732	0.383	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	1462	0.363	ng	92
21) Hexachlorobenzene	16.52	284	1829	0.382	ng	97
22) Pentachlorophenol	16.89	266	265	0.427	ng	85
23) Phenanthrene	17.26	178	7878	0.373	ng	99
24) Anthracene	17.35	178	6485	0.359	ng	100
26) Fluoranthene	19.28	202	10484	0.351	ng	99
28) Pyrene	19.64	202	10947	0.383	ng	99
30) Benzo(a)anthracene	21.38	228	10494	0.360	ng	98
31) Chrysene	21.43	228	12108	0.388	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	20503	0.330	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	13156	0.399	ng	98
35) Benzo(b)fluoranthene	23.18	252	12306	0.405	ng	99
36) Benzo(k)fluoranthene	23.18	252	12558	0.395	ng	98
37) Benzo(a)pyrene	23.78	252	11241	0.386	ng	# 97
38) Dibenzo(a,h)anthracene	26.55	278	10737	0.390	ng	# 94
39) Benzo(g,h,i)perylene	27.33	276	10993	0.382	ng	97

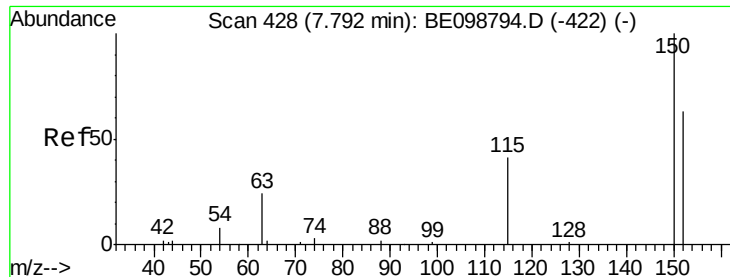
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
Data File : BE098855.D
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Misc :
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Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 09 05:50:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.00 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

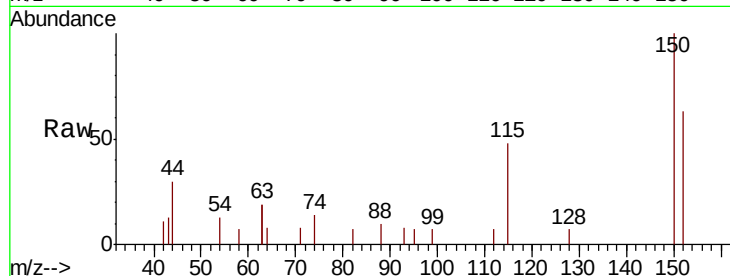
Tot Ion:152 Resp: 978

Ion Ratio Lower Upper

152 100

150 158.7 122.5 183.7

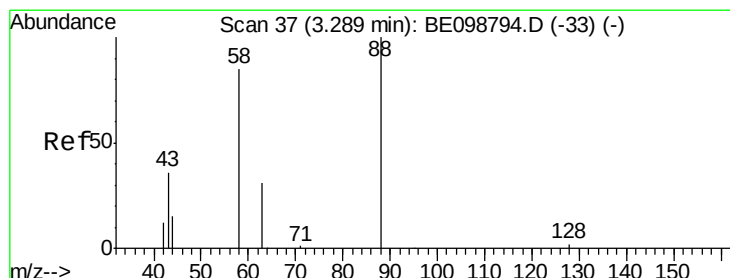
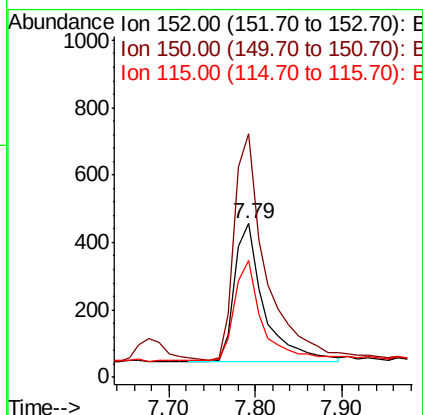
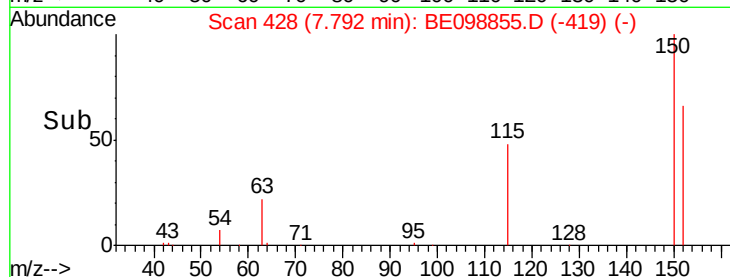
115 76.3 57.4 86.2



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: 0.400 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

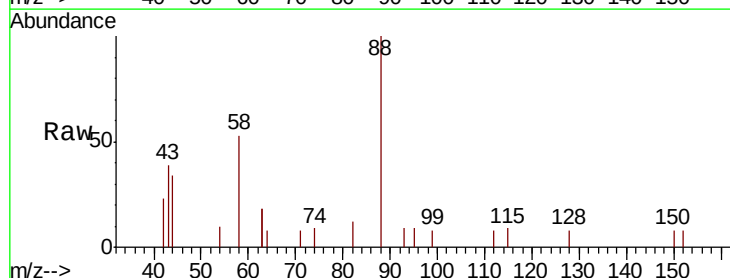
Tgt Ion: 88 Resp: 759

Ion Ratio Lower Upper

88 100

58 89.7 75.8 113.6

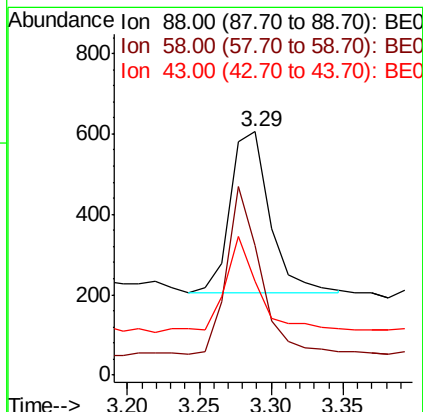
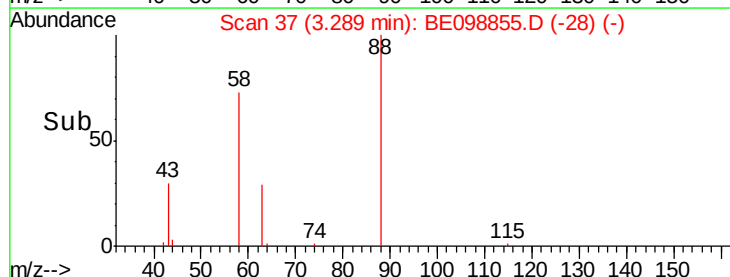
43 52.8 41.8 62.8

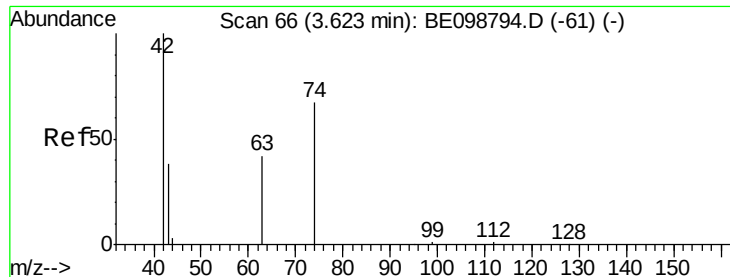


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.288 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.00 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

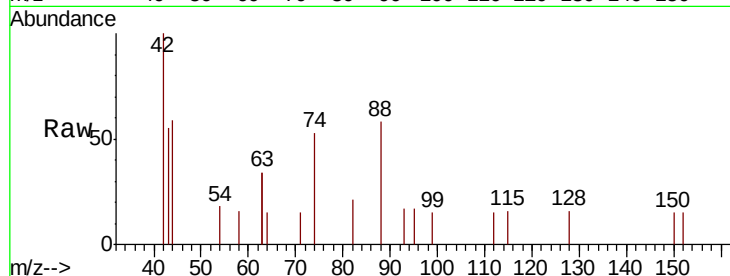
Tot Ion: 42 Resp: 709

Ion Ratio Lower Upper

42 100

74 64.5 57.0 85.4

44 21.9 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

3.62

300

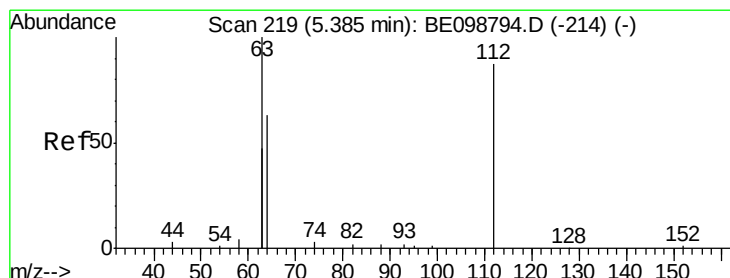
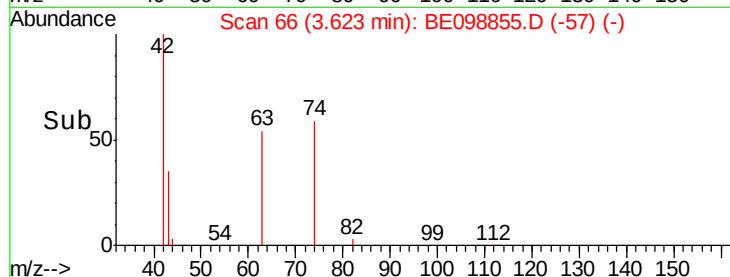
200

100

0

3.55 3.60 3.65 3.70

Time-->



#4

2-Fluorophenol

Concen: 0.343 ng

RT: 5.38 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

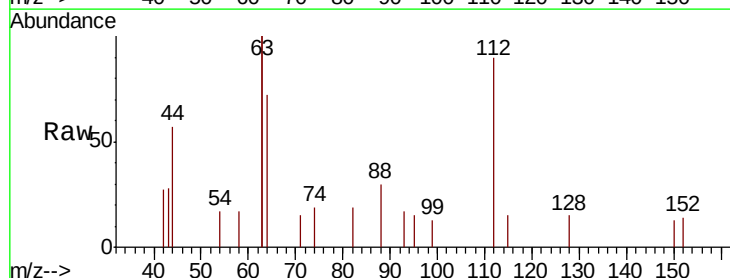
Tgt Ion: 112 Resp: 1004

Ion Ratio Lower Upper

112 100

64 83.0 57.9 86.9

63 199.3 158.3 237.5



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

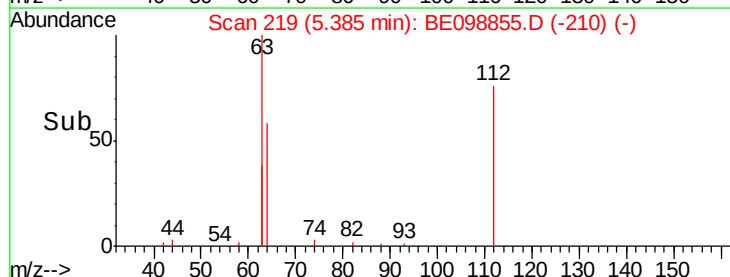
400

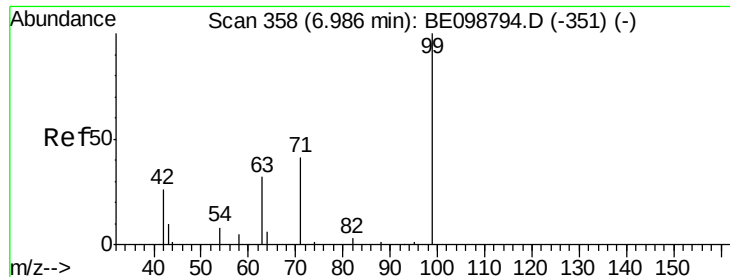
200

0

5.20 5.40 5.60

Time-->





#5

Phenol-d6

Concen: 0.370 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

Instrument :

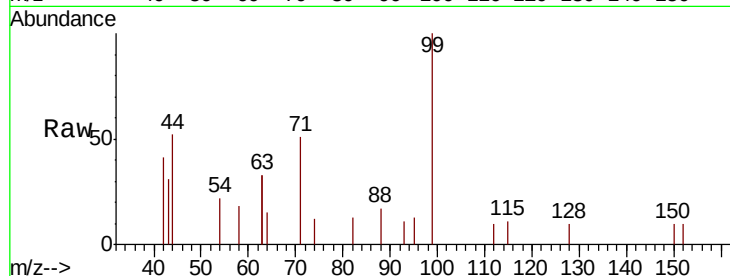
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion: 99 Resp: 1528

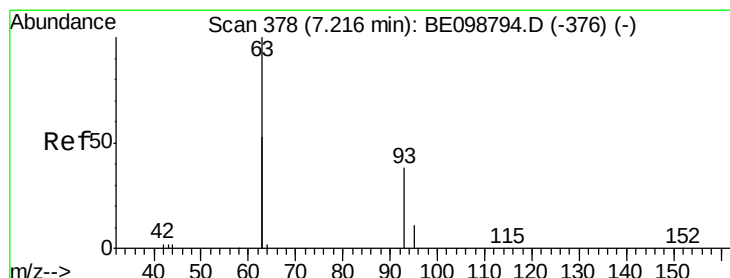
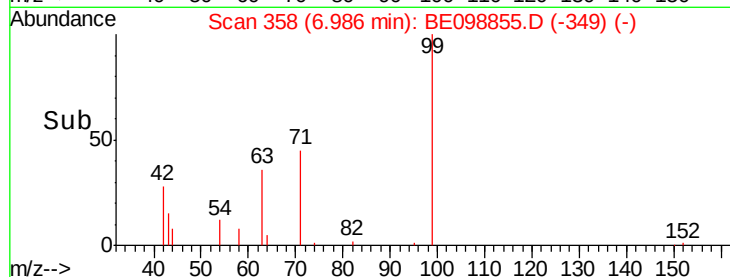
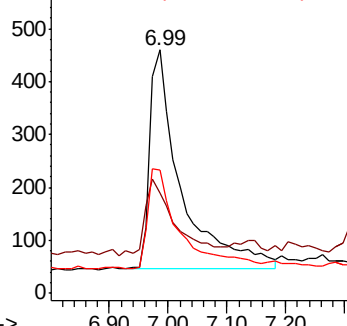
Ion	Ratio	Lower	Upper
99	100		
42	34.8	24.2	36.2
71	46.7	35.7	53.5



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: 0.364 ng

RT: 7.22 min Scan# 378

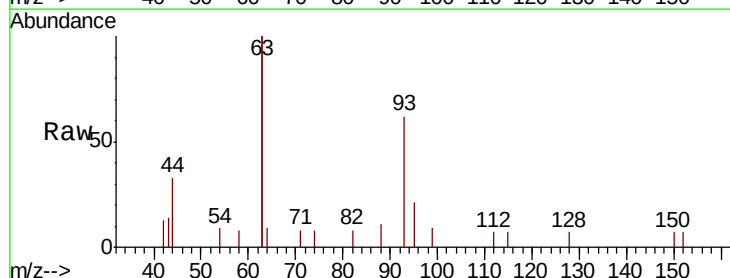
Delta R.T. -0.00 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

Tgt Ion: 93 Resp: 1161

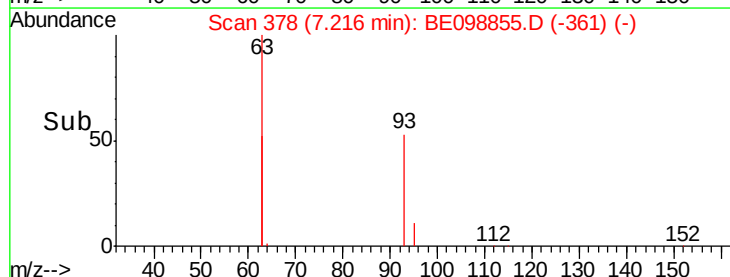
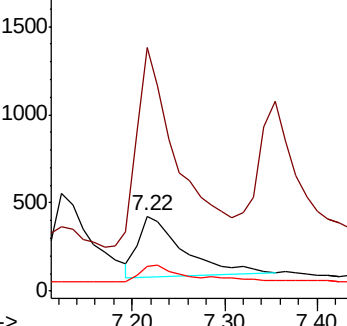
Ion	Ratio	Lower	Upper
93	100		
63	303.9	247.5	371.3
95	33.1	21.8	32.8

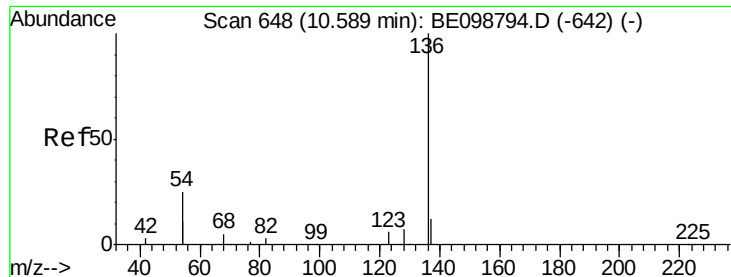


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 4339

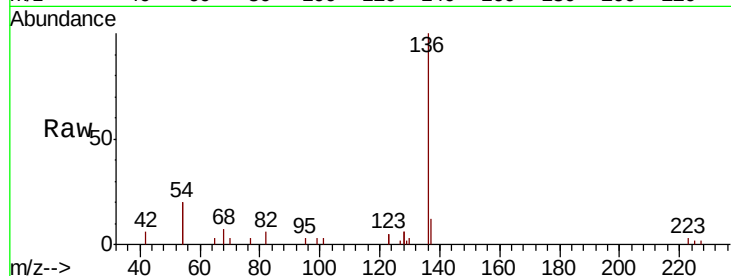
Ion Ratio Lower Upper

136 100

137 12.2 11.4 17.0

54 40.0 39.3 58.9

68 7.1 6.7 10.1

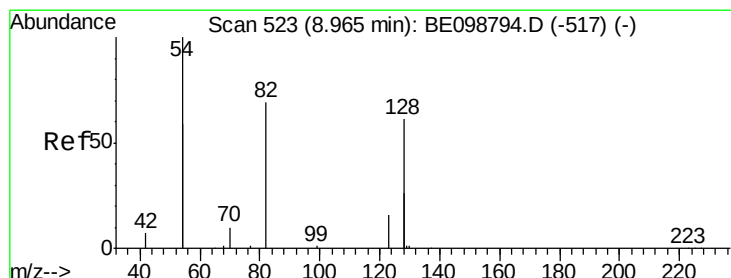
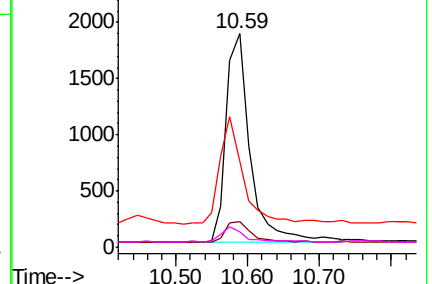
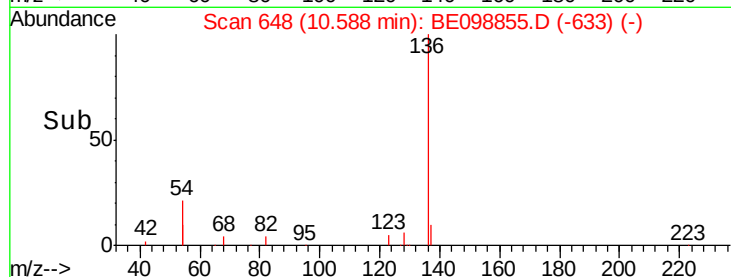


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.341 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

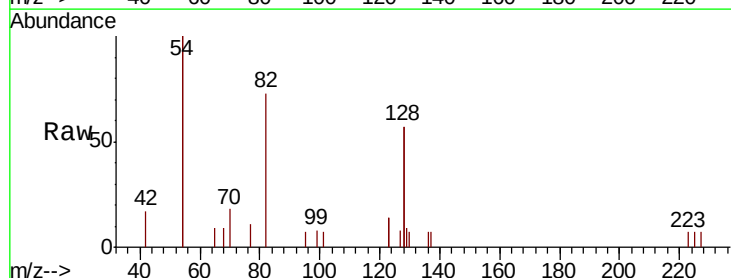
Tgt Ion: 82 Resp: 1551

Ion Ratio Lower Upper

82 100

128 156.9 123.8 185.8

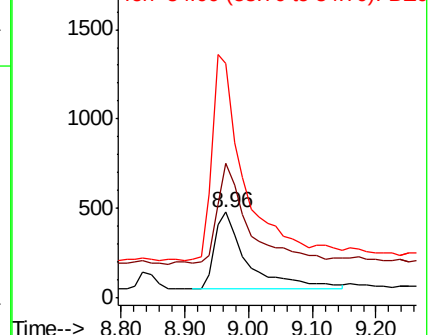
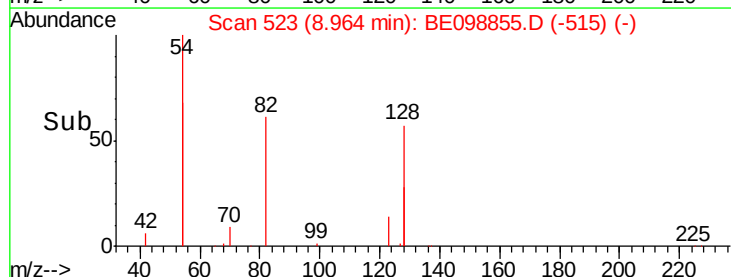
54 274.9 203.4 305.2

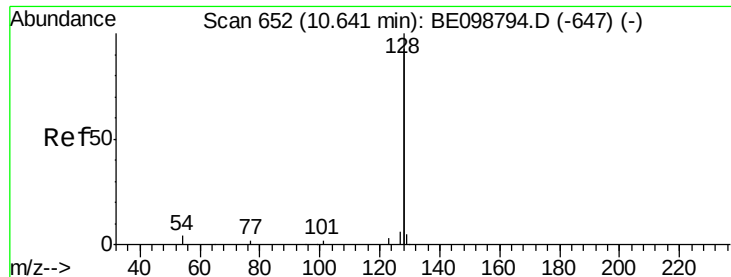


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.390 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

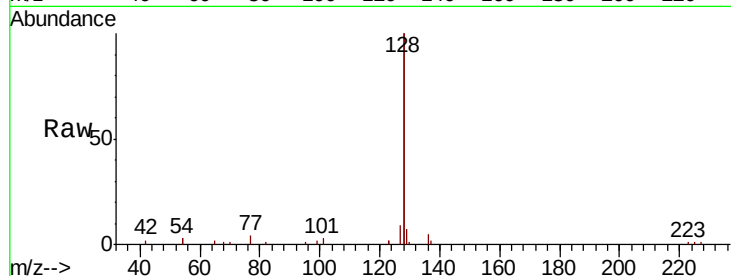
Tot Ion:128 Resp: 19380

Ion Ratio Lower Upper

128 100

129 3.4 2.6 4.0

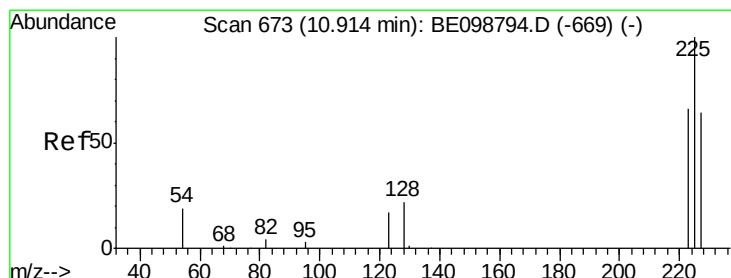
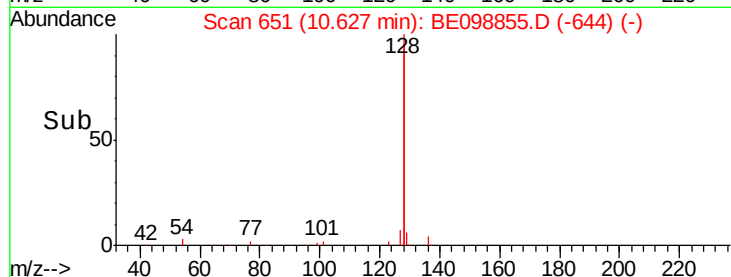
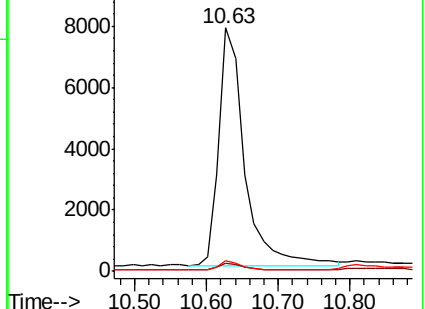
127 4.3 3.1 4.7



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: 0.389 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

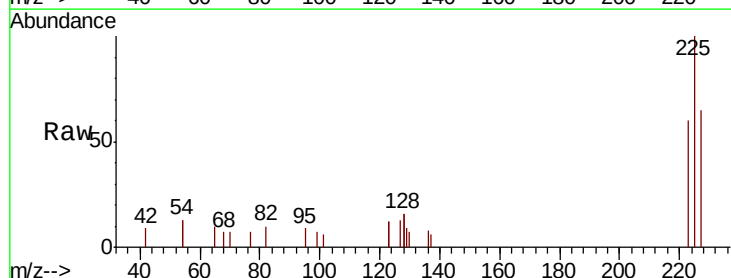
Tgt Ion:225 Resp: 1279

Ion Ratio Lower Upper

225 100

223 60.8 51.1 76.7

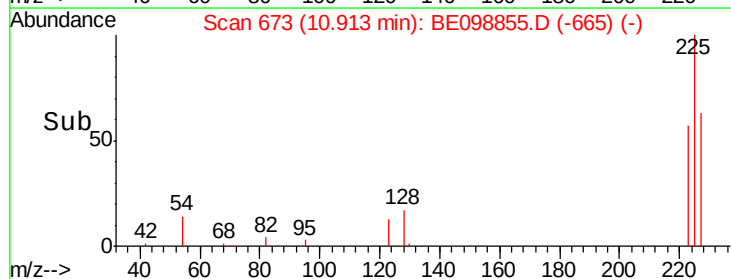
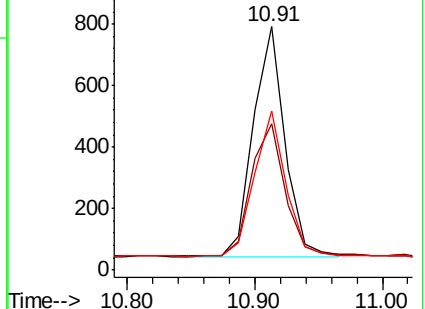
227 63.4 51.6 77.4

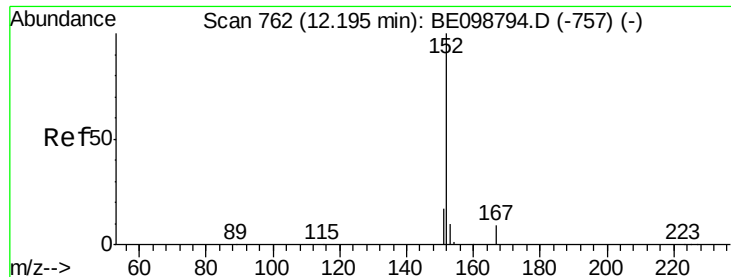


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

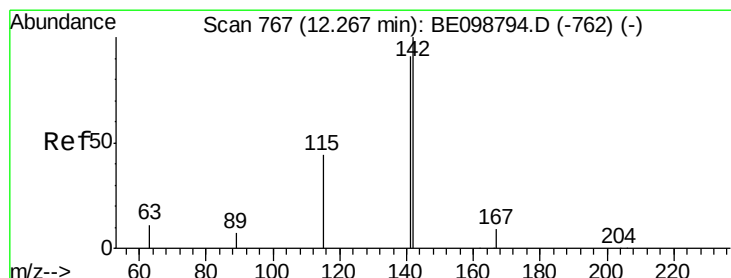
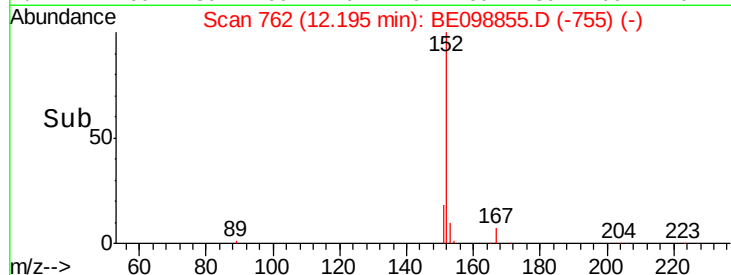
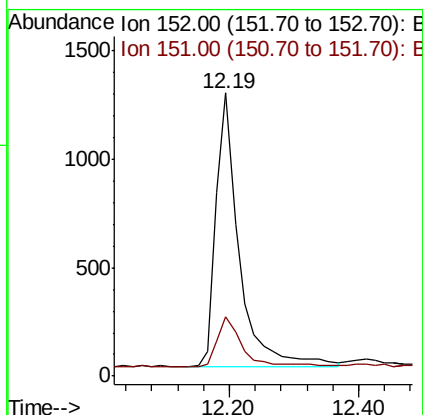
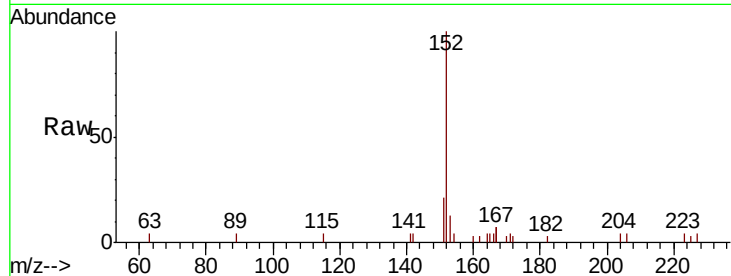




#11
 2-Methylnaphthalene-d10
 Concen: 0.387 ng
 RT: 12.19 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE098855.D
 Acq: 9 Mar 2019 5:12

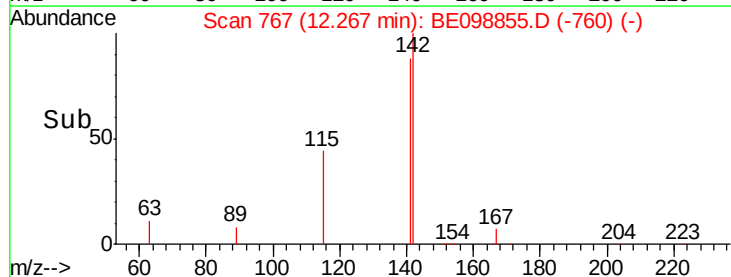
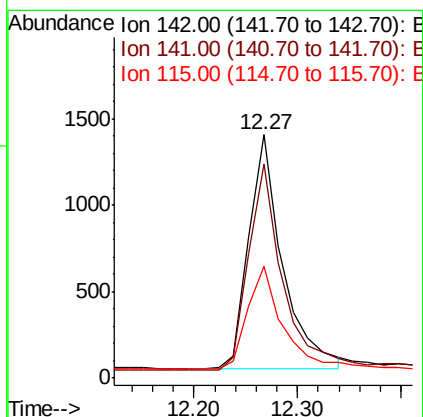
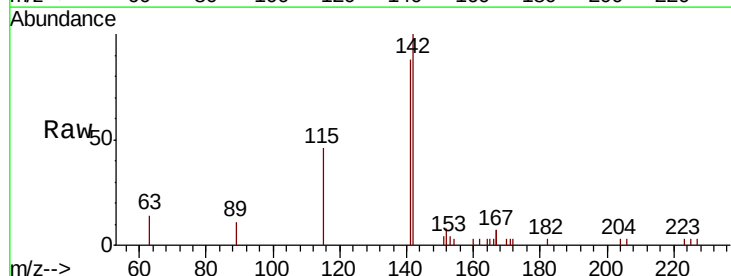
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

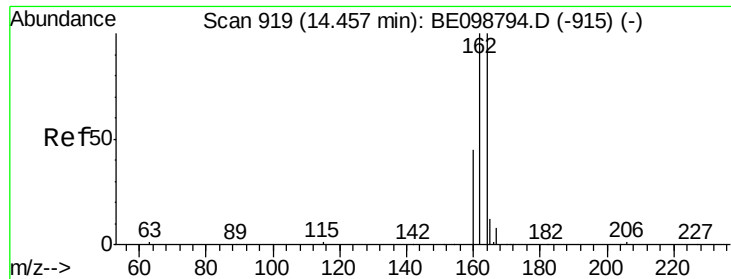
Tot Ion:152 Resp: 3106
 Ion Ratio Lower Upper
 152 100
 151 19.6 16.5 24.7



#12
 2-Methylnaphthalene
 Concen: 0.383 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098855.D
 Acq: 9 Mar 2019 5:12

Tgt Ion:142 Resp: 3086
 Ion Ratio Lower Upper
 142 100
 141 87.7 72.6 108.8
 115 46.0 37.4 56.2

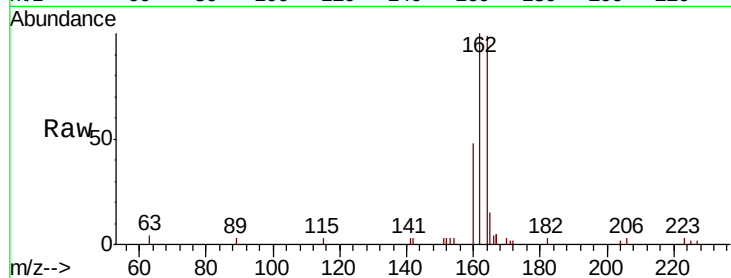




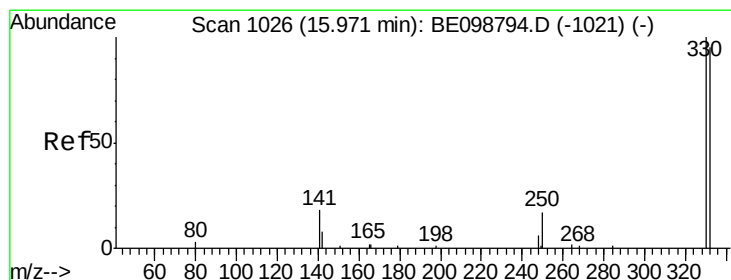
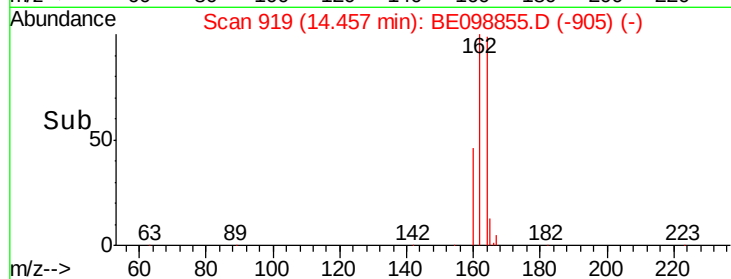
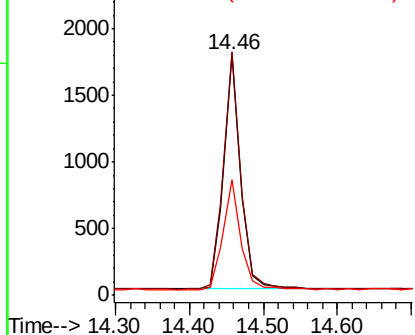
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098855.D
Acq: 9 Mar 2019 5:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 2809
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 48.2 37.8 56.8

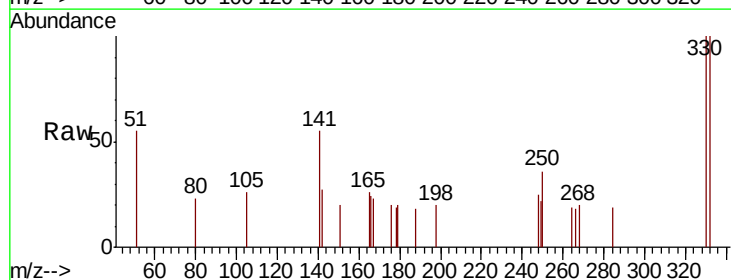


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

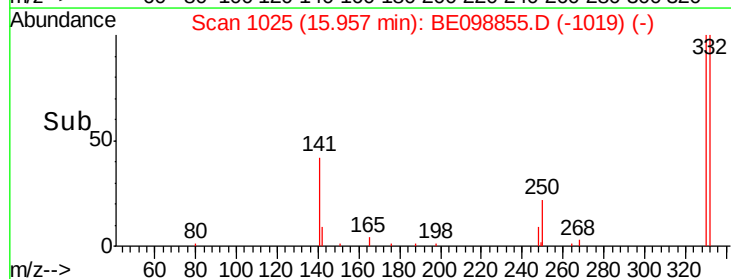
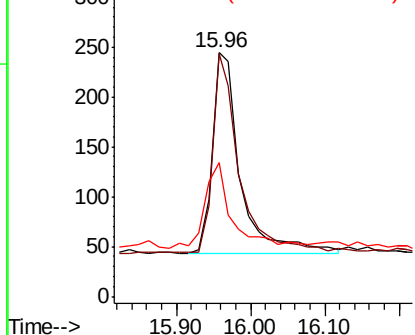


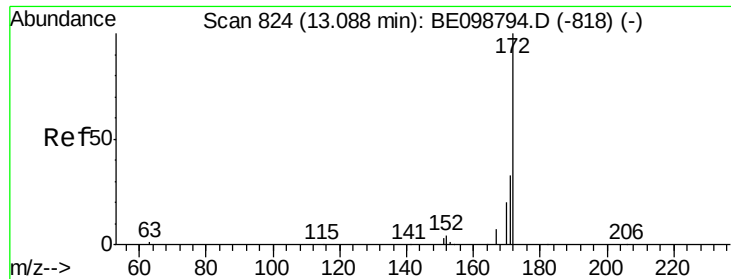
#14
2,4,6-Tribromophenol
Concen: 0.377 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE098855.D
Acq: 9 Mar 2019 5:12

Tgt Ion:330 Resp: 534
Ion Ratio Lower Upper
330 100
332 94.0 77.6 116.4
141 36.1 31.0 46.4



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

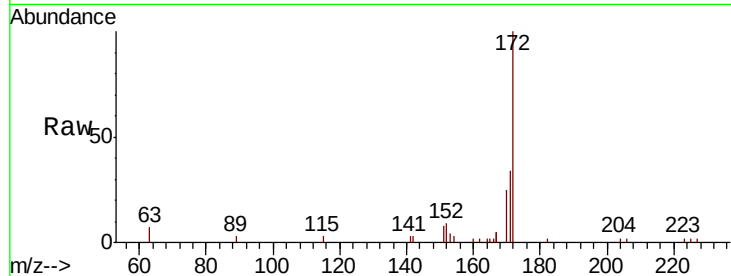




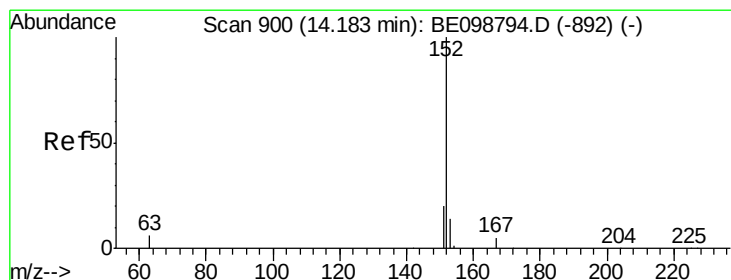
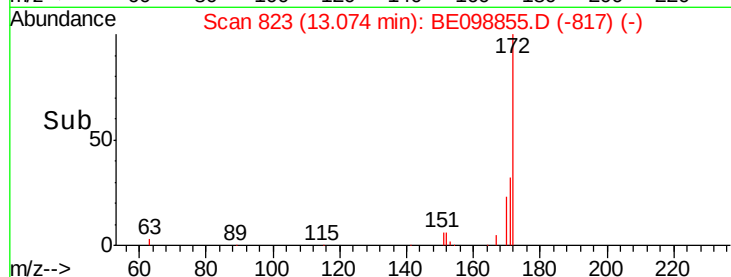
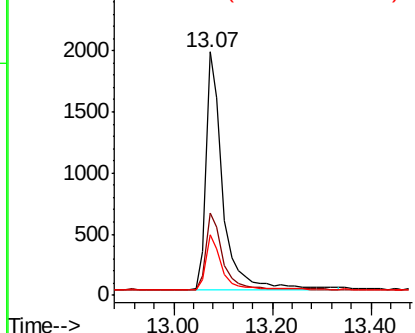
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098855.D
Acq: 9 Mar 2019 5:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 4632
Ion Ratio Lower Upper
172 100
171 33.9 28.0 42.0
170 25.0 17.7 26.5

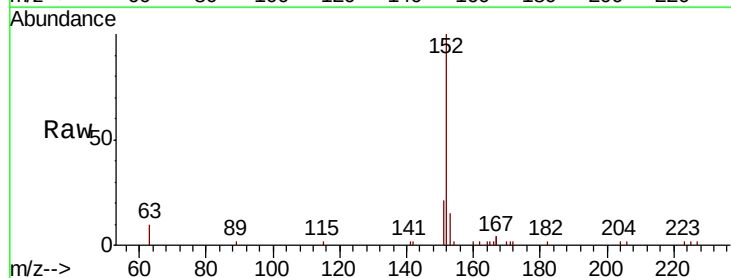


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

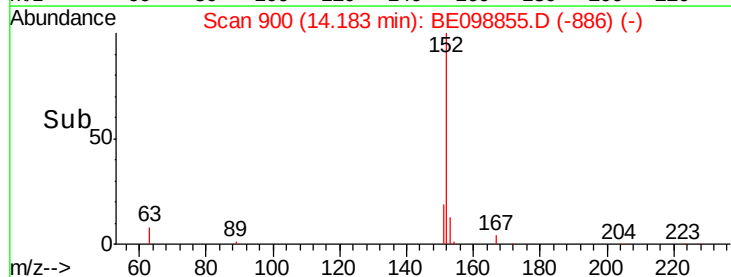
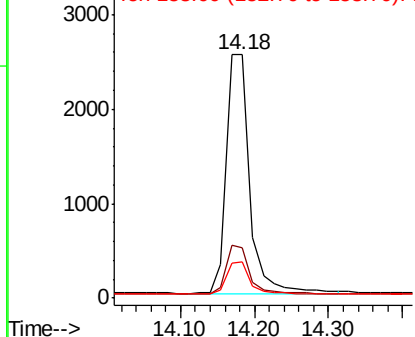


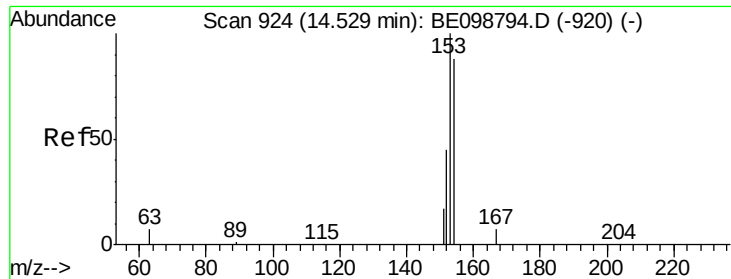
#16
Acenaphthylene
Concen: 0.388 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098855.D
Acq: 9 Mar 2019 5:12

Tgt Ion:152 Resp: 5605
Ion Ratio Lower Upper
152 100
151 20.3 17.0 25.6
153 13.3 11.2 16.8



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

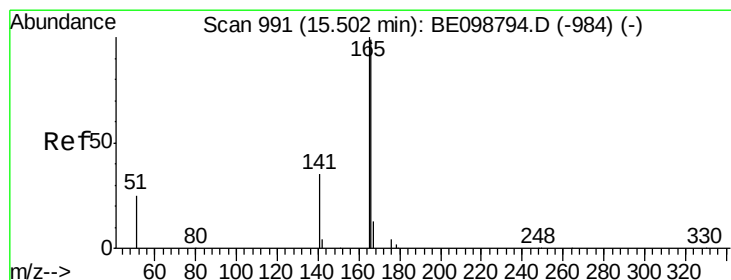
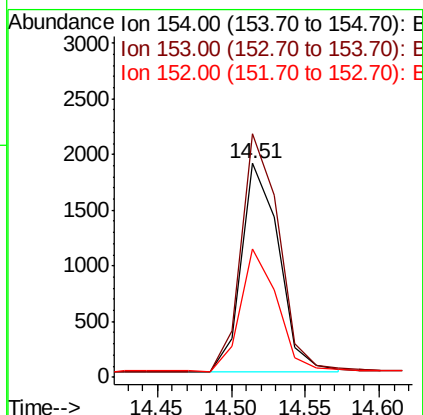
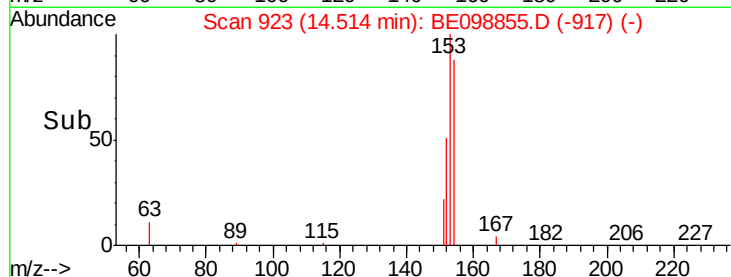
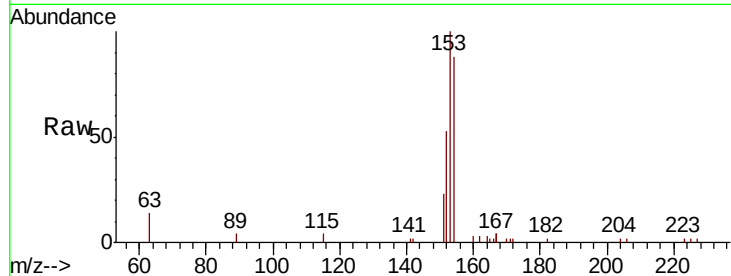




#17
Acenaphthene
Concen: 0.391 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098855.D
Acq: 9 Mar 2019 5:12

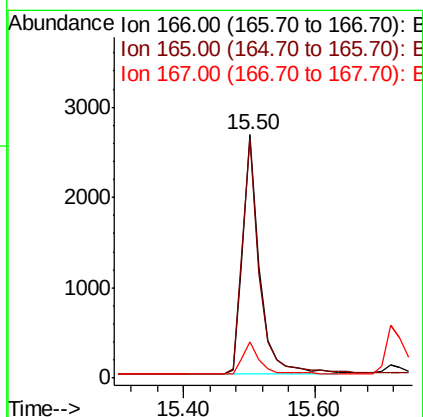
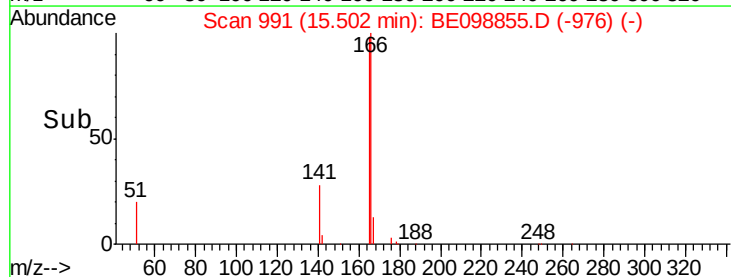
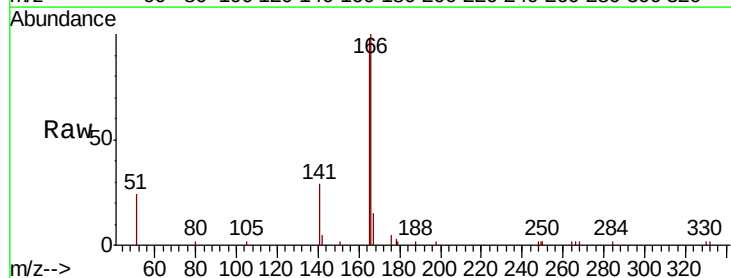
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

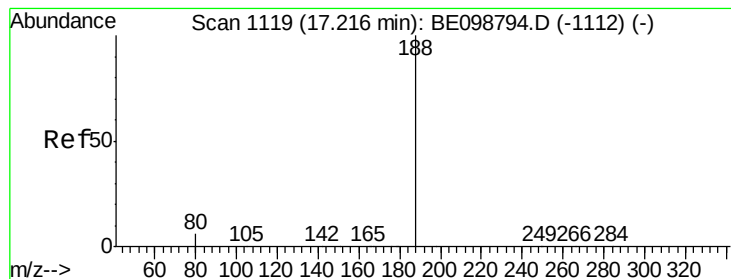
Tot Ion:154 Resp: 3351
Ion Ratio Lower Upper
154 100
153 114.8 94.2 141.4
152 56.5 45.0 67.4



#18
Fluorene
Concen: 0.383 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098855.D
Acq: 9 Mar 2019 5:12

Tgt Ion:166 Resp: 4732
Ion Ratio Lower Upper
166 100
165 99.2 79.3 118.9
167 13.7 10.5 15.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

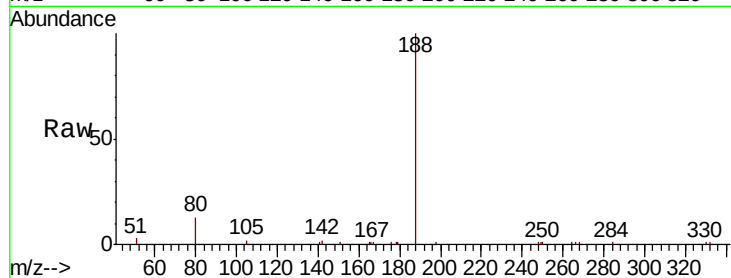
Tot Ion:188 Resp: 7437

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

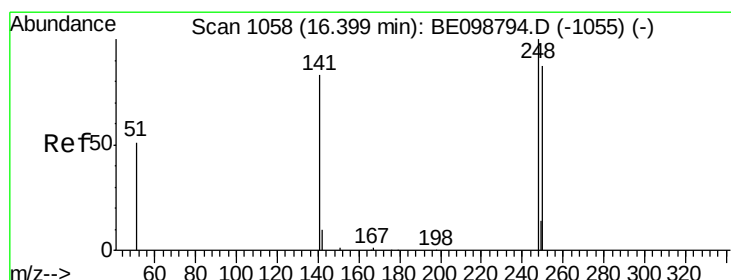
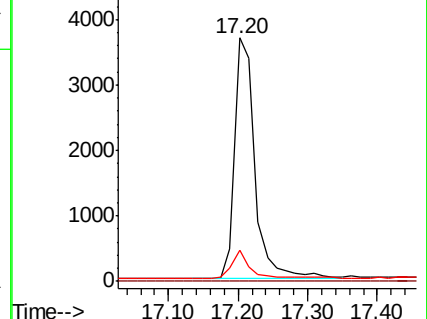
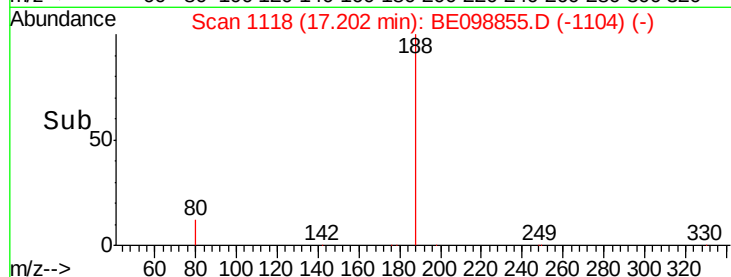
80 12.9 6.3 9.5#



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: 0.363 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

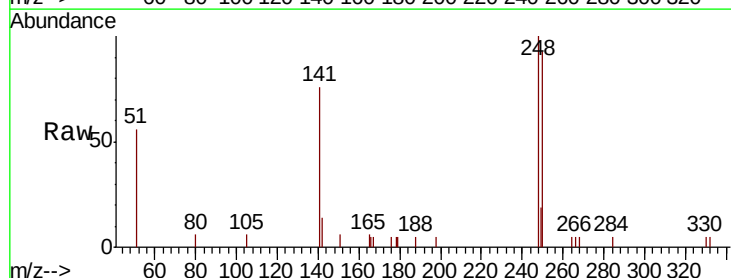
Tgt Ion:248 Resp: 1462

Ion Ratio Lower Upper

248 100

250 92.7 70.6 105.8

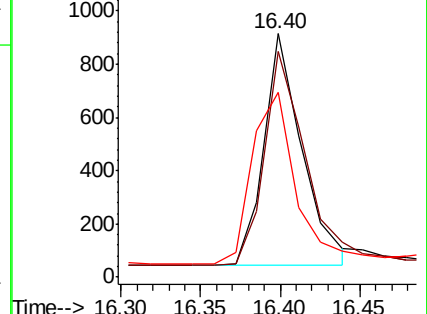
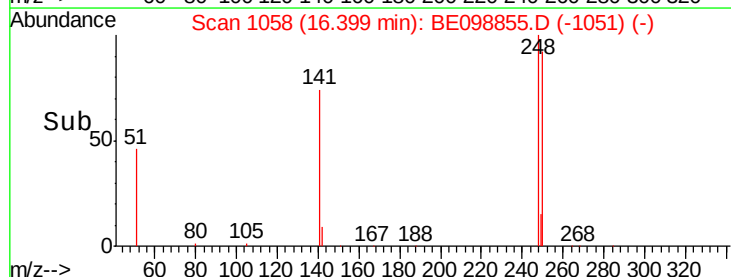
141 75.8 68.6 102.8

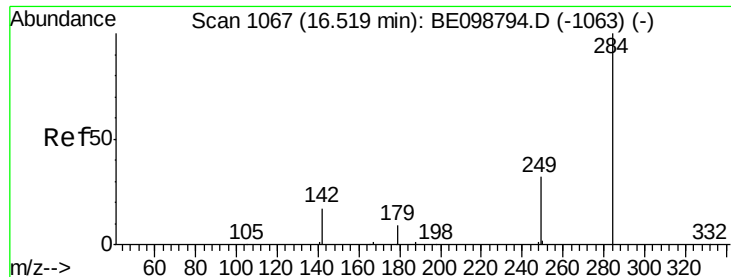


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.382 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

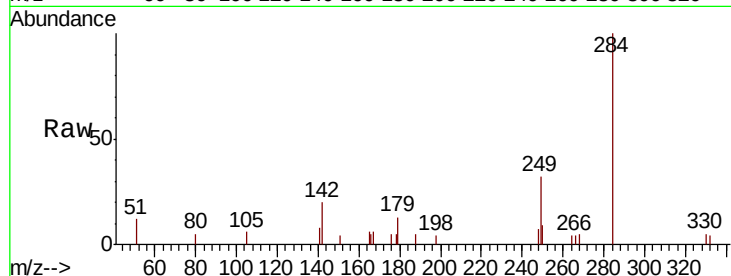
Tot Ion:284 Resp: 1829

Ion Ratio Lower Upper

284 100

142 36.1 28.7 43.1

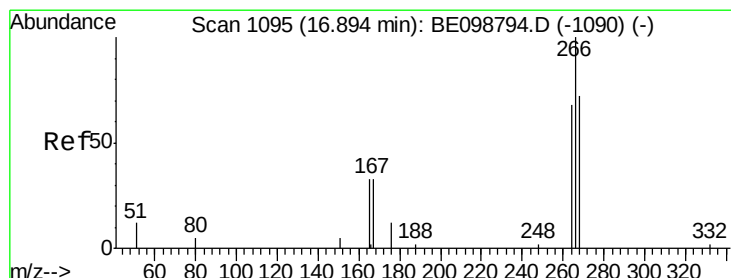
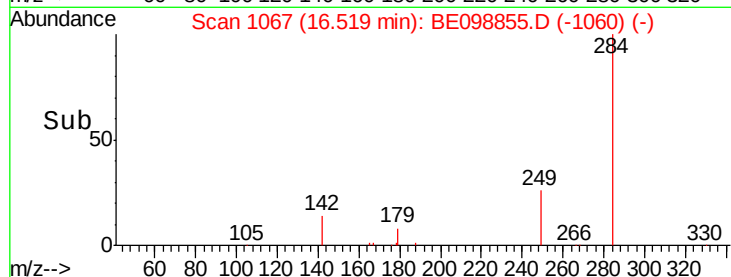
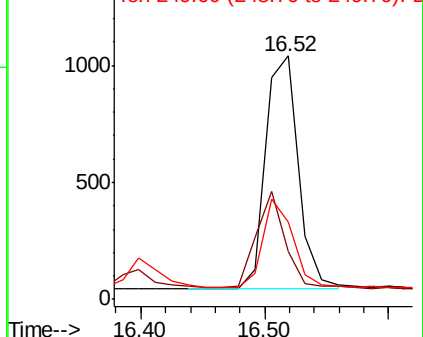
249 34.2 29.6 44.4



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: 0.427 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

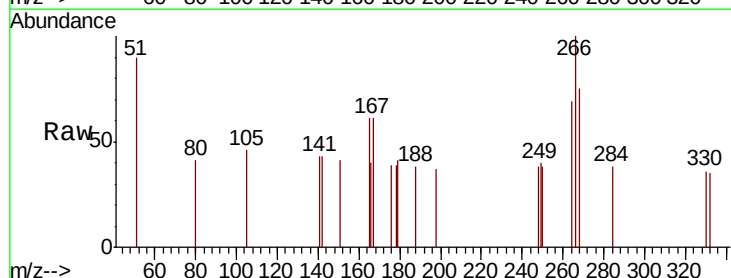
Tgt Ion:266 Resp: 265

Ion Ratio Lower Upper

266 100

264 68.9 66.6 100.0

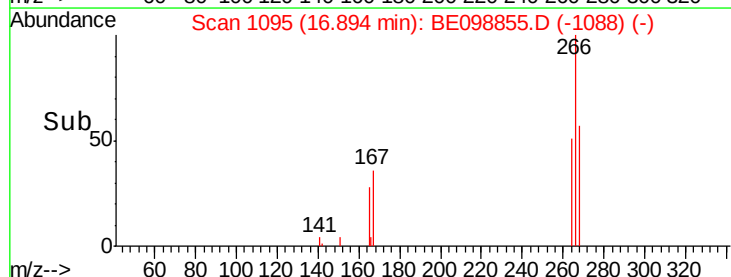
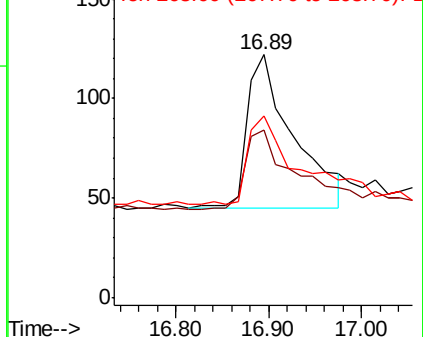
268 74.6 69.8 104.8

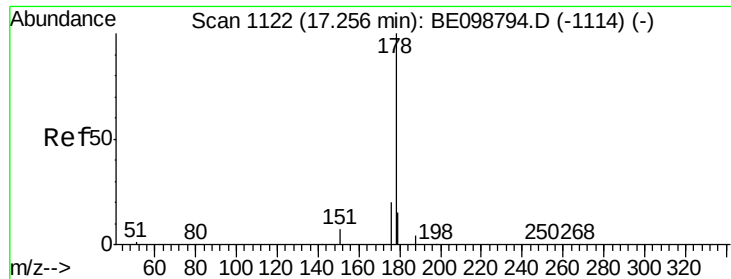


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.373 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

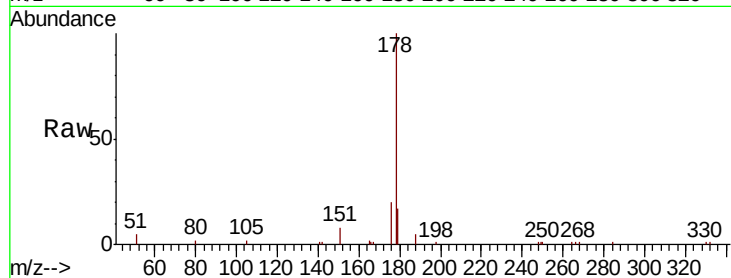
Tot Ion:178 Resp: 7878

Ion Ratio Lower Upper

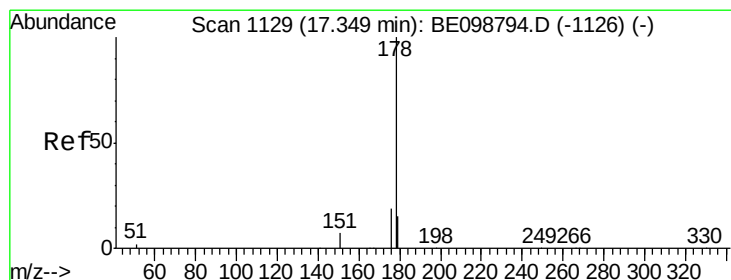
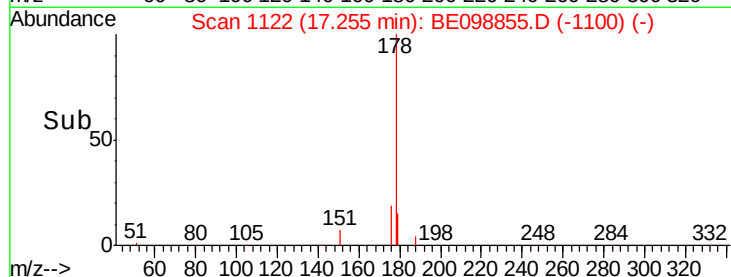
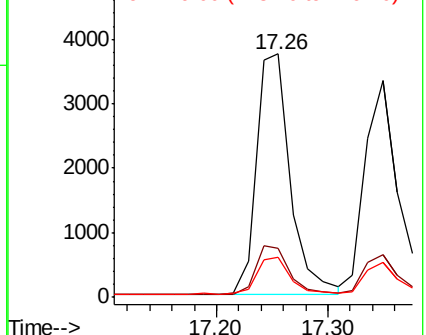
178 100

176 20.4 16.0 24.0

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



#24

Anthracene

Concen: 0.359 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

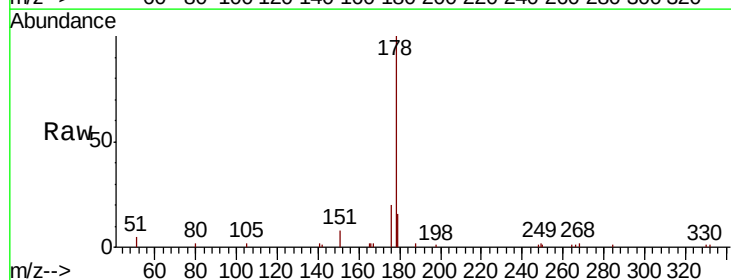
Tgt Ion:178 Resp: 6485

Ion Ratio Lower Upper

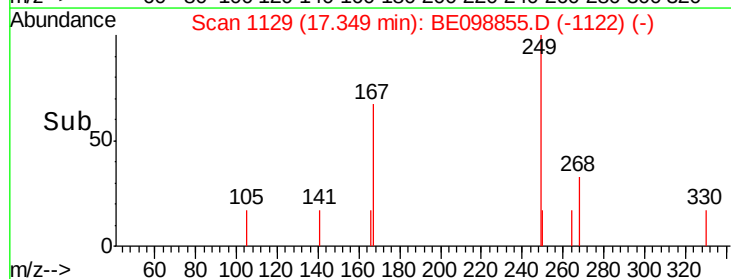
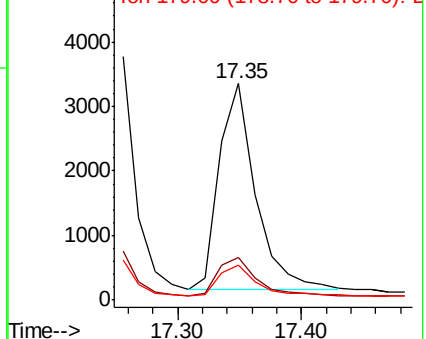
178 100

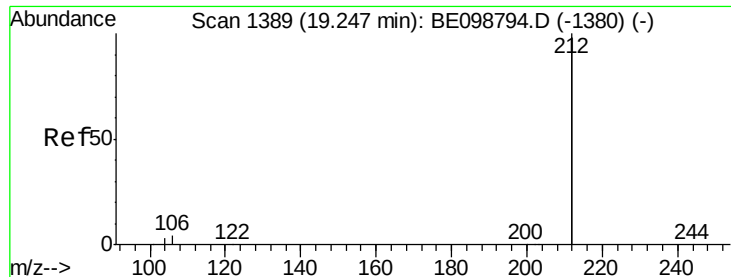
176 19.3 15.4 23.0

179 15.0 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.352 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

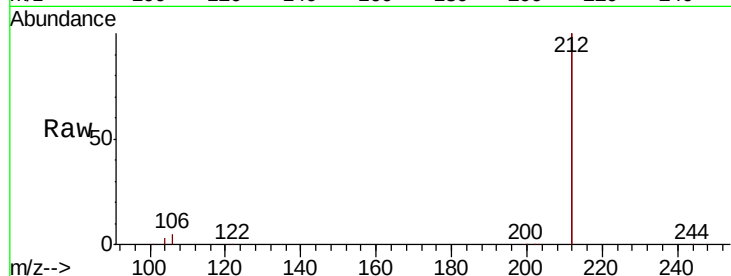
Tot Ion:212 Resp: 41783

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

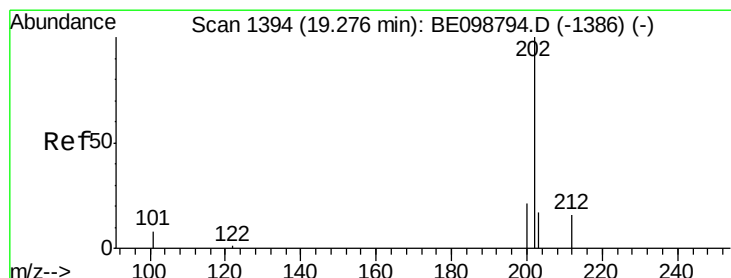
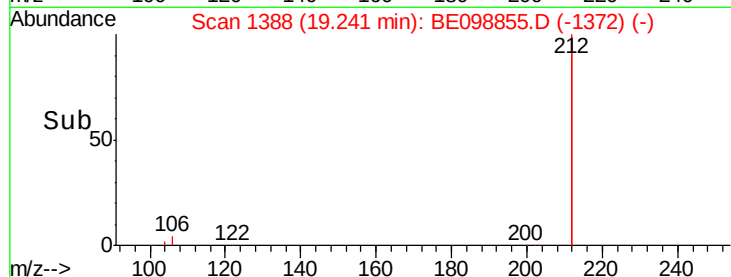
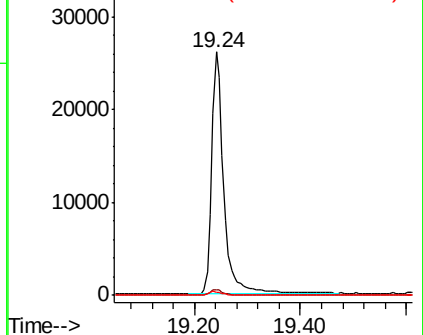
104 1.3 1.0 1.6



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: 0.351 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

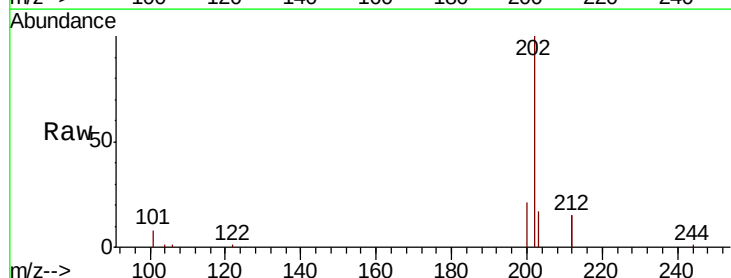
Tgt Ion:202 Resp: 10484

Ion Ratio Lower Upper

202 100

101 8.4 7.3 10.9

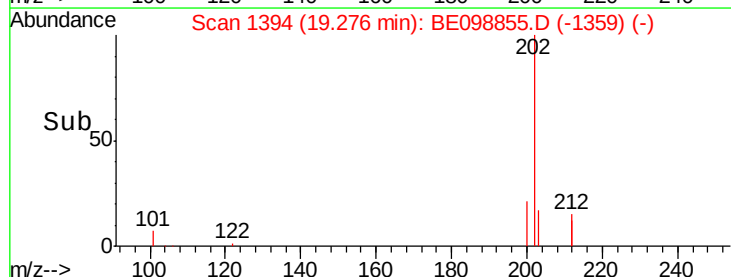
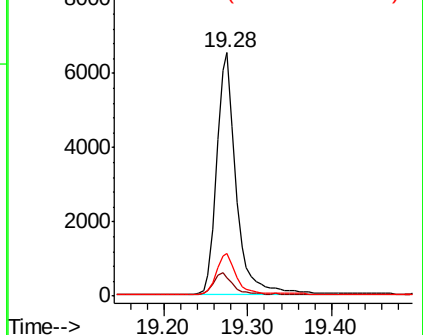
203 16.9 13.4 20.2

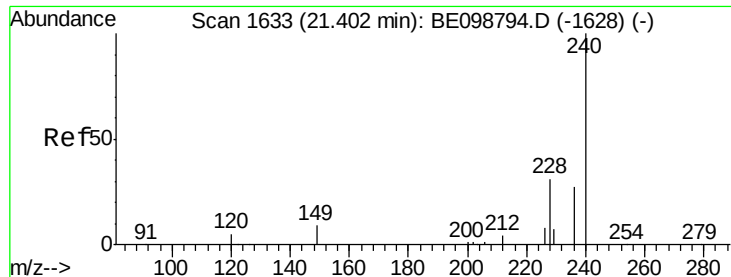


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

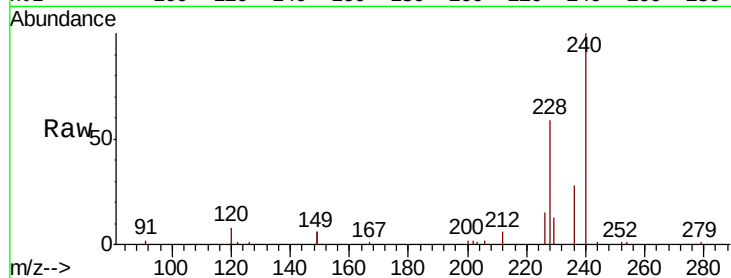
Tot Ion:240 Resp: 9353

Ion Ratio Lower Upper

240 100

120 7.9 5.0 7.4#

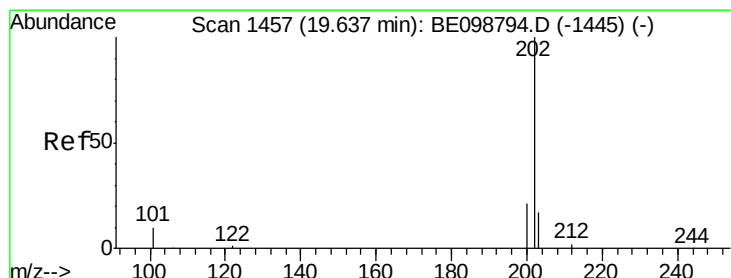
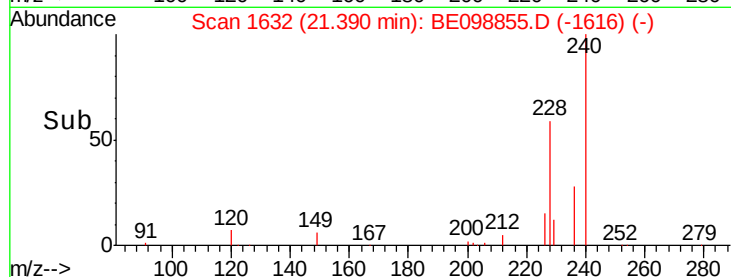
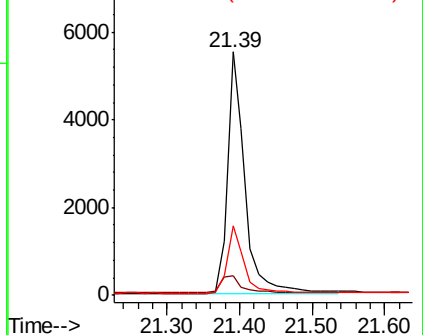
236 28.4 22.7 34.1



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: 0.383 ng

RT: 19.64 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

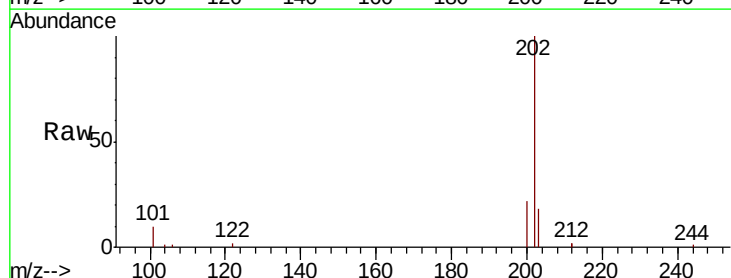
Tgt Ion:202 Resp: 10947

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

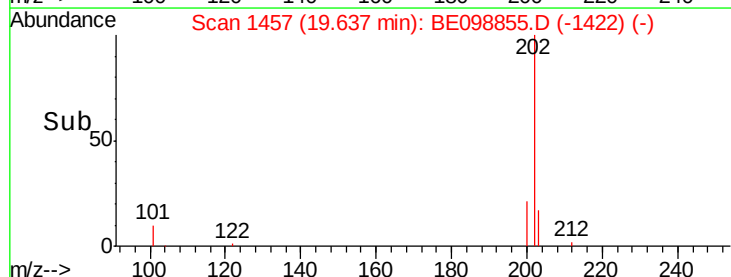
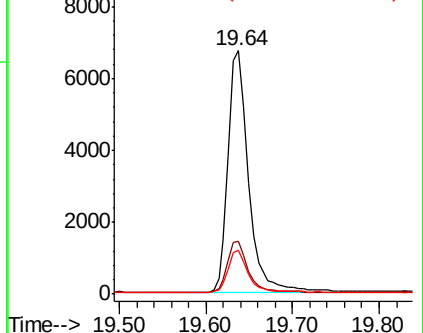
203 17.1 14.2 21.2

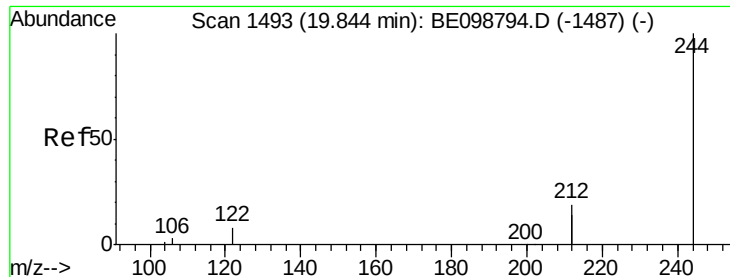


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

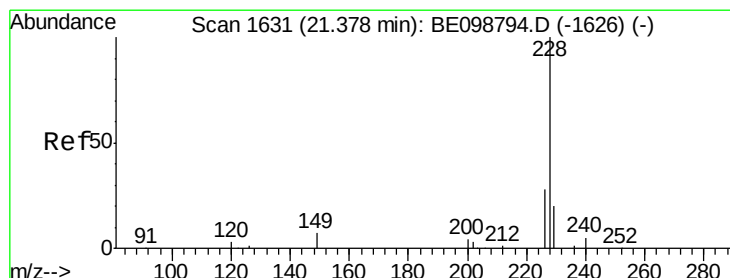
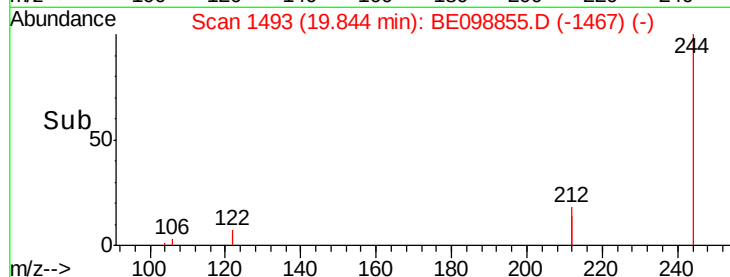
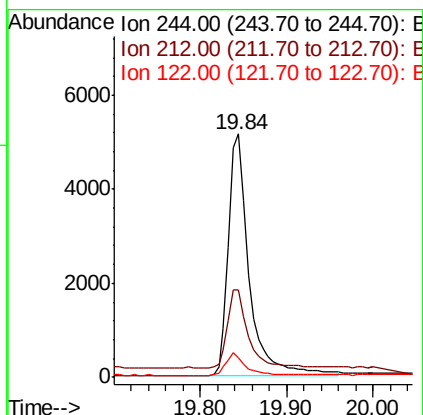
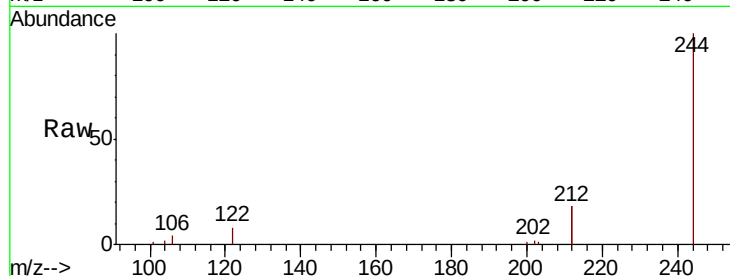




#29
 Terphenyl-d14
 Concen: 0.371 ng
 RT: 19.84 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BE098855.D
 Acq: 9 Mar 2019 5:12

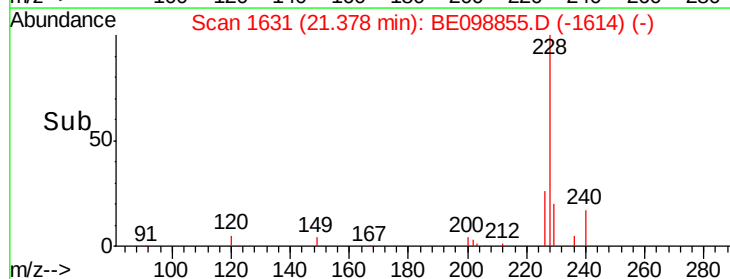
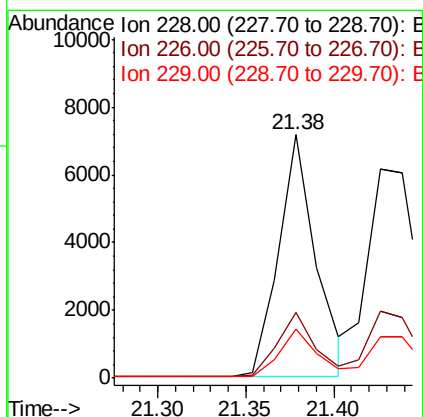
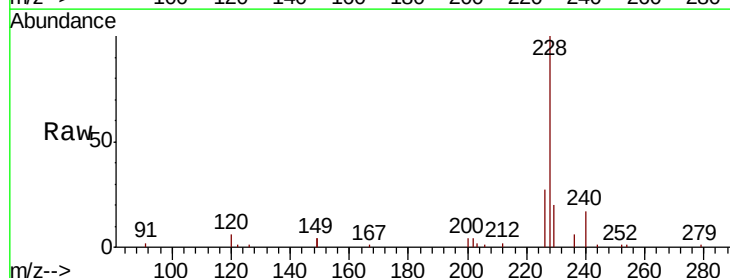
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

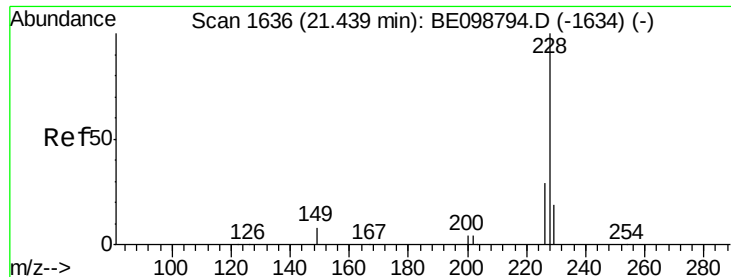
Tot Ion:244 Resp: 8443
 Ion Ratio Lower Upper
 244 100
 212 36.0 29.4 44.2
 122 8.0 7.1 10.7



#30
 Benzo(a)anthracene
 Concen: 0.360 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BE098855.D
 Acq: 9 Mar 2019 5:12

Tgt Ion:228 Resp: 10494
 Ion Ratio Lower Upper
 228 100
 226 27.0 23.0 34.4
 229 20.1 16.5 24.7





#31

Chrysene

Concen: 0.388 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

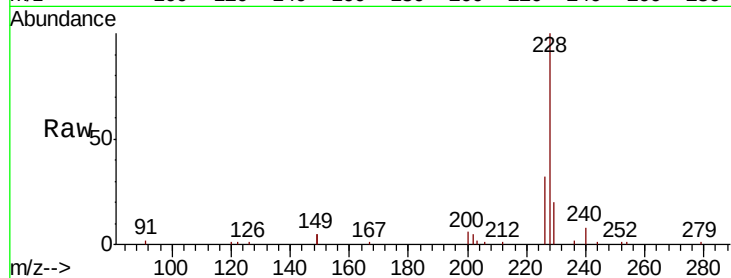
Tot Ion:228 Resp: 12108

Ion Ratio Lower Upper

228 100

226 31.9 23.7 35.5

229 19.9 16.1 24.1

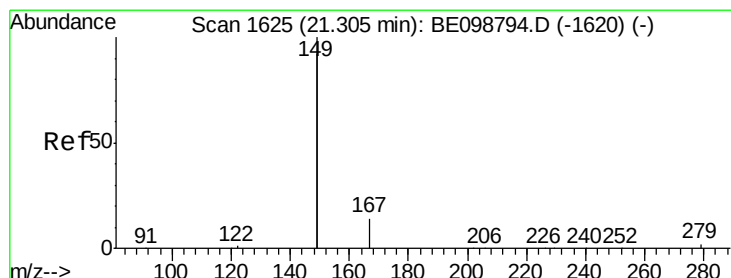
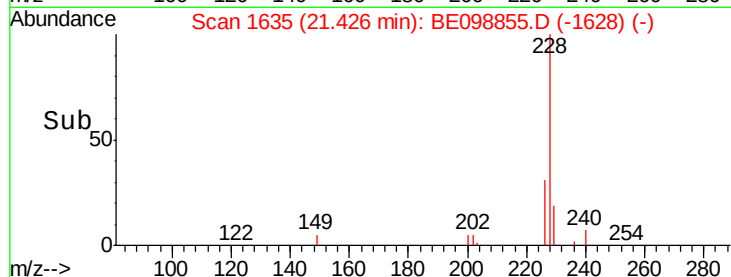
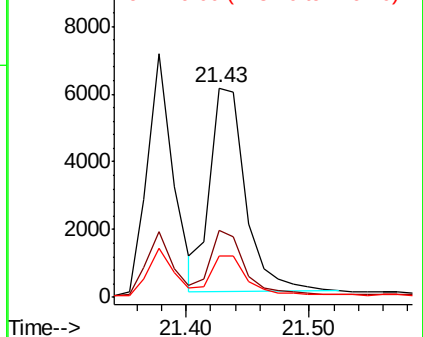


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.330 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098855.D

Acq: 9 Mar 2019 5:12

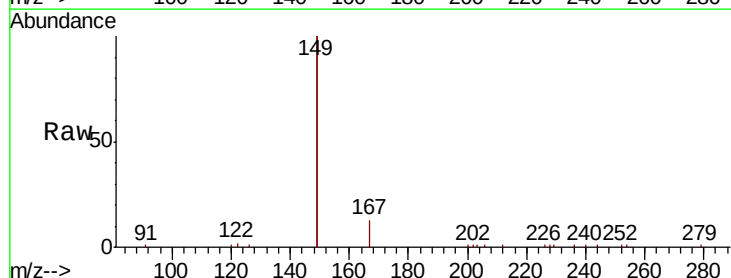
Tgt Ion:149 Resp: 20503

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

279 1.1 1.0 1.4

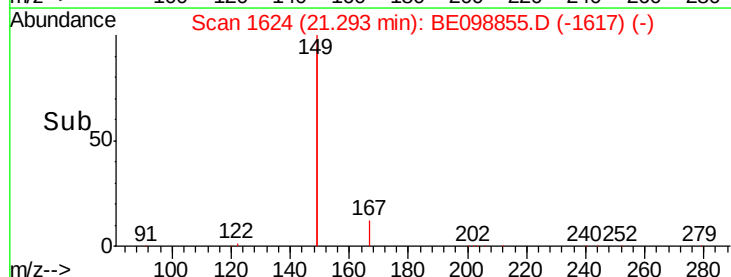
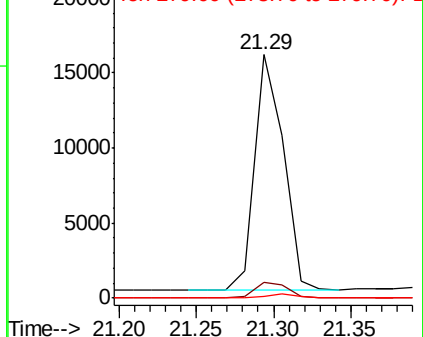


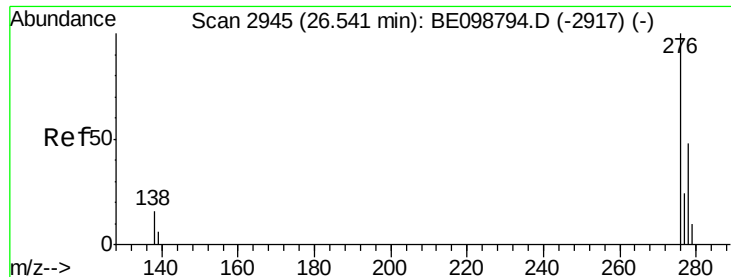
Abundance

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

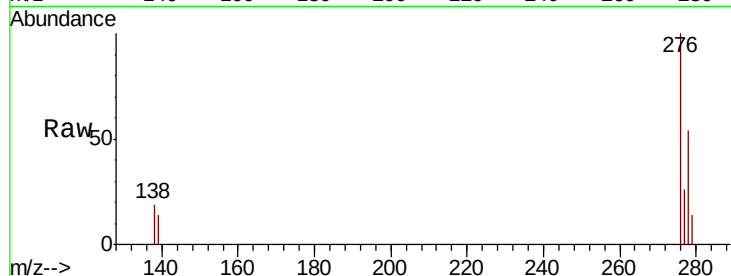




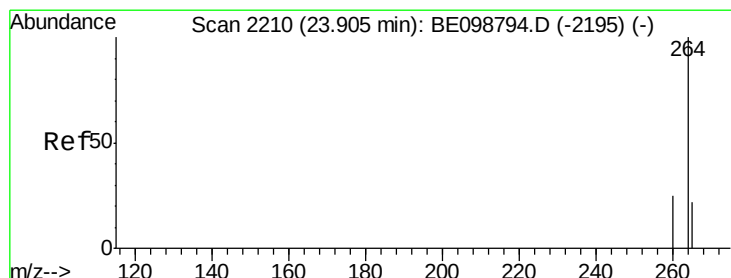
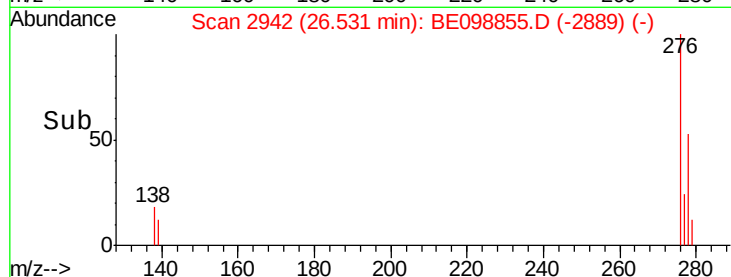
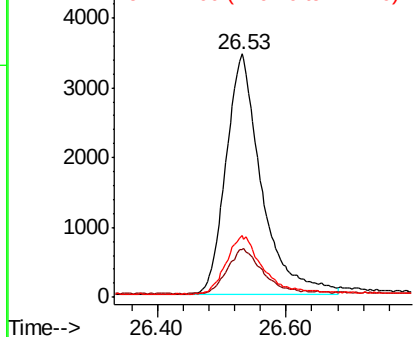
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.399 ng
 RT: 26.53 min Scan# 2942
 Delta R.T. -0.01 min
 Lab File: BE098855.D
 Acq: 9 Mar 2019 5:12

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

Tot Ion:276 Resp: 13156
 Ion Ratio Lower Upper
 276 100
 138 19.2 13.8 20.8
 277 24.9 19.5 29.3

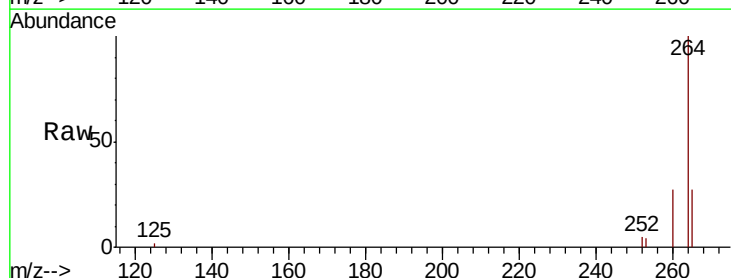


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

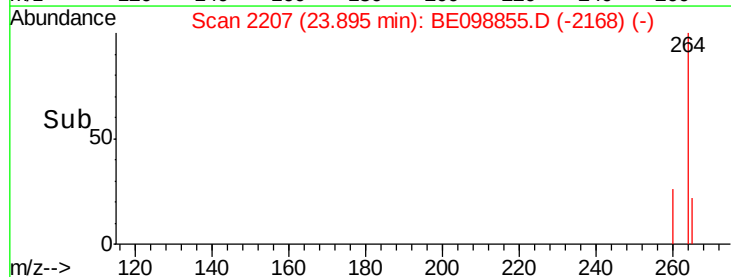
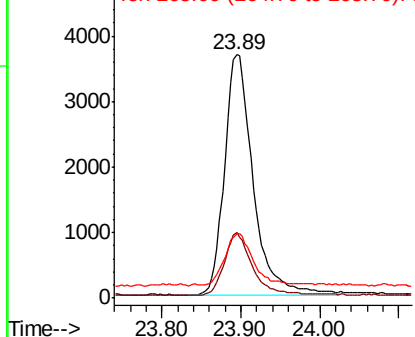


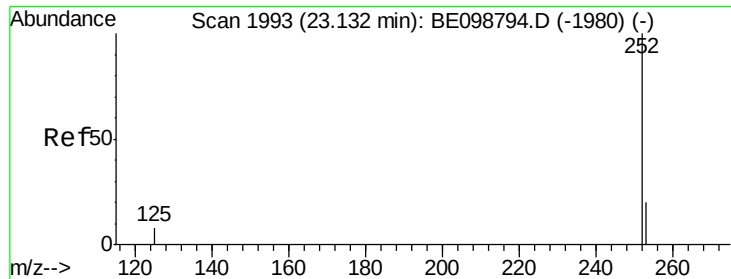
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BE098855.D
 Acq: 9 Mar 2019 5:12

Tgt Ion:264 Resp: 9231
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.2 31.8
 265 26.5 24.6 36.8



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

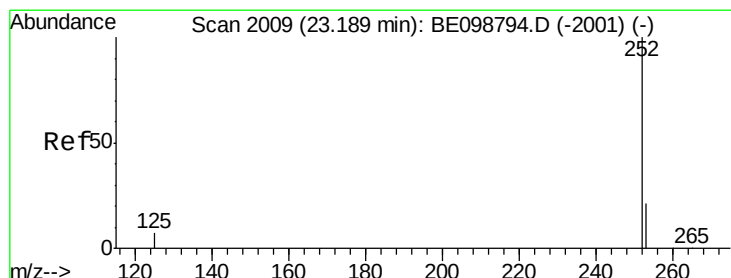
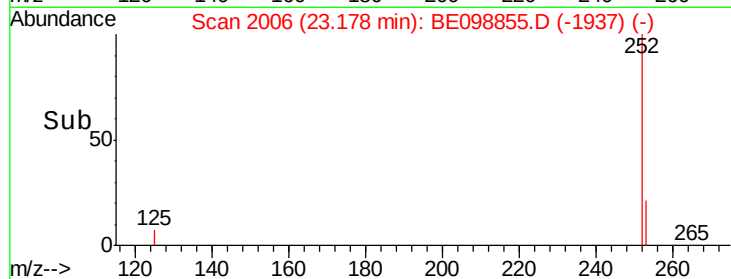
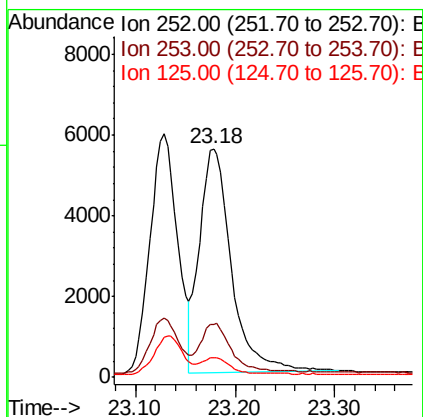
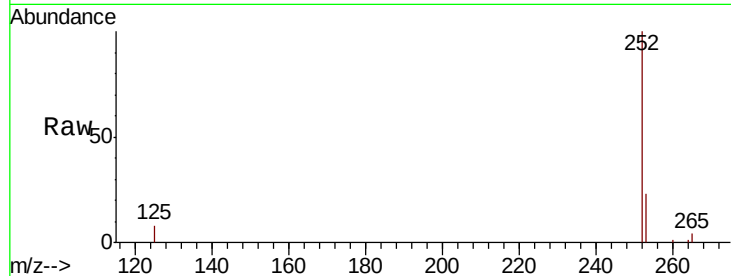




#35
Benzo(b)fluoranthene
Concen: 0.405 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BE098855.D
Acq: 9 Mar 2019 5:12

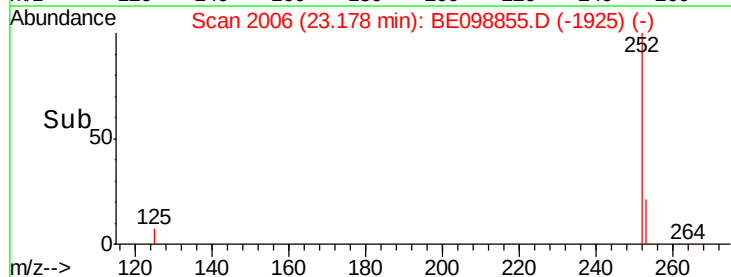
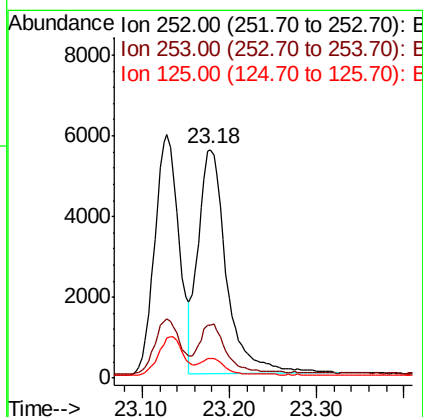
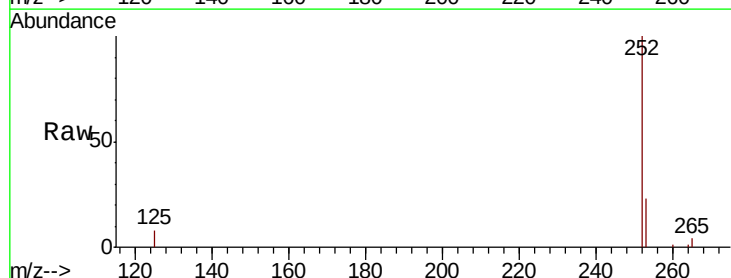
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

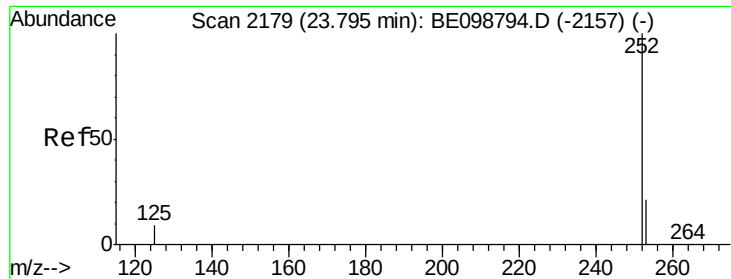
Tot Ion:252 Resp: 12306
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 8.5 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE098855.D
Acq: 9 Mar 2019 5:12

Tgt Ion:252 Resp: 12558
Ion Ratio Lower Upper
252 100
253 23.0 19.3 28.9
125 8.5 7.5 11.3

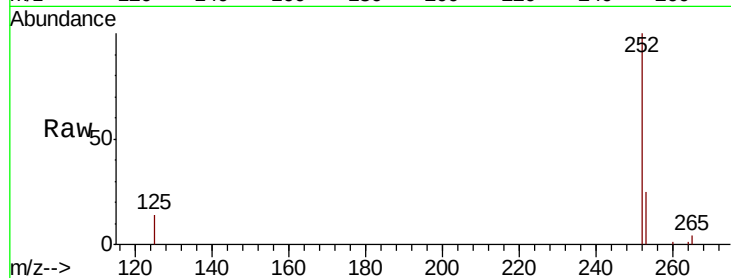




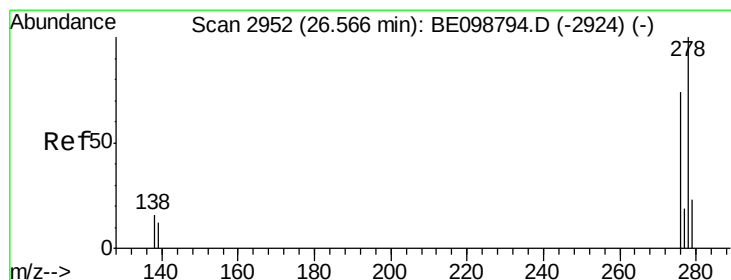
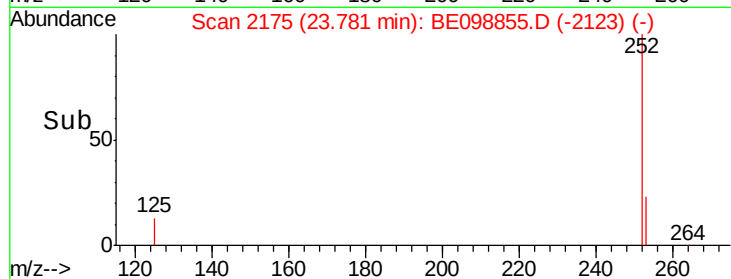
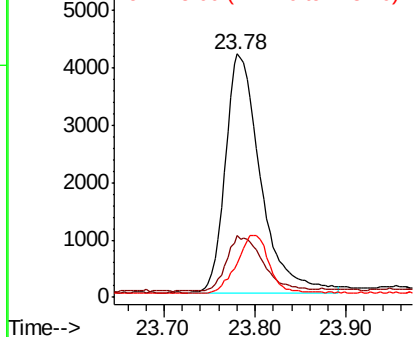
#37
Benzo(a)pyrene
Concen: 0.386 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE098855.D
Acq: 9 Mar 2019 5:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 11241
Ion Ratio Lower Upper
252 100
253 25.2 19.9 29.9
125 14.1 9.0 13.4#

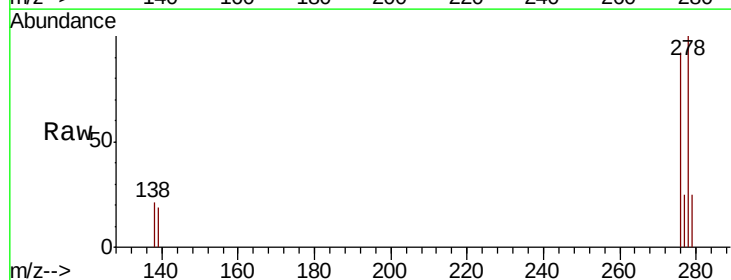


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

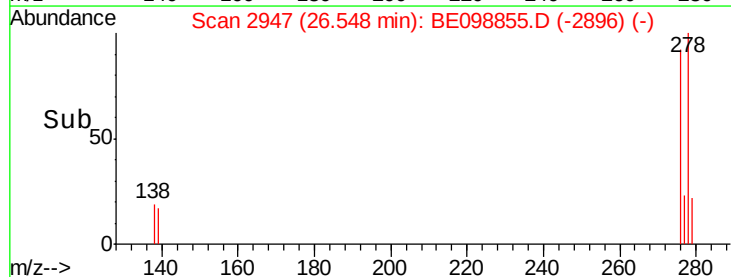
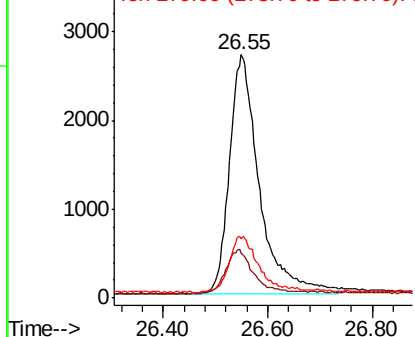


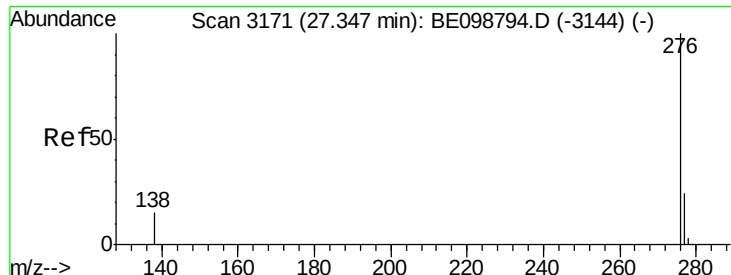
#38
Dibenzo(a,h)anthracene
Concen: 0.390 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.02 min
Lab File: BE098855.D
Acq: 9 Mar 2019 5:12

Tgt Ion:278 Resp: 10737
Ion Ratio Lower Upper
278 100
139 18.7 11.8 17.6#
279 24.6 21.1 31.7



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: 0.382 ng

RT: 27.33 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BE098855.D

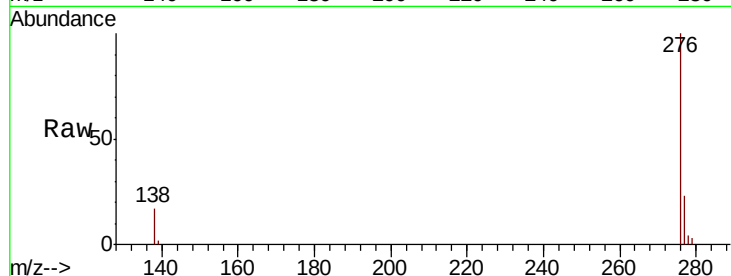
Acq: 9 Mar 2019 5:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tot Ion: 276 Resp: 10993

Ion Ratio Lower Upper

276 100

277 23.4 20.4 30.6

138 17.4 13.6 20.4

Abundance Ion 276.00 (275.70 to 276.70): E
 4000 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

