

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031519\
 Data File : BE098967.D
 Acq On : 15 Mar 2019 10:14
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 15 13:35:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	788	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3694	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2411	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5909	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6482	0.40	ng	0.00
34) Perylene-d12	23.90	264	6332	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	855	0.36	ng	0.01
5) Phenol-d6	7.00	99	1298	0.39	ng	0.01
8) Nitrobenzene-d5	8.98	82	1320	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2633	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	345	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3909	0.39	ng	0.00
25) Fluoranthene-d10	19.25	212	32010	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	6004	0.38	ng	0.00

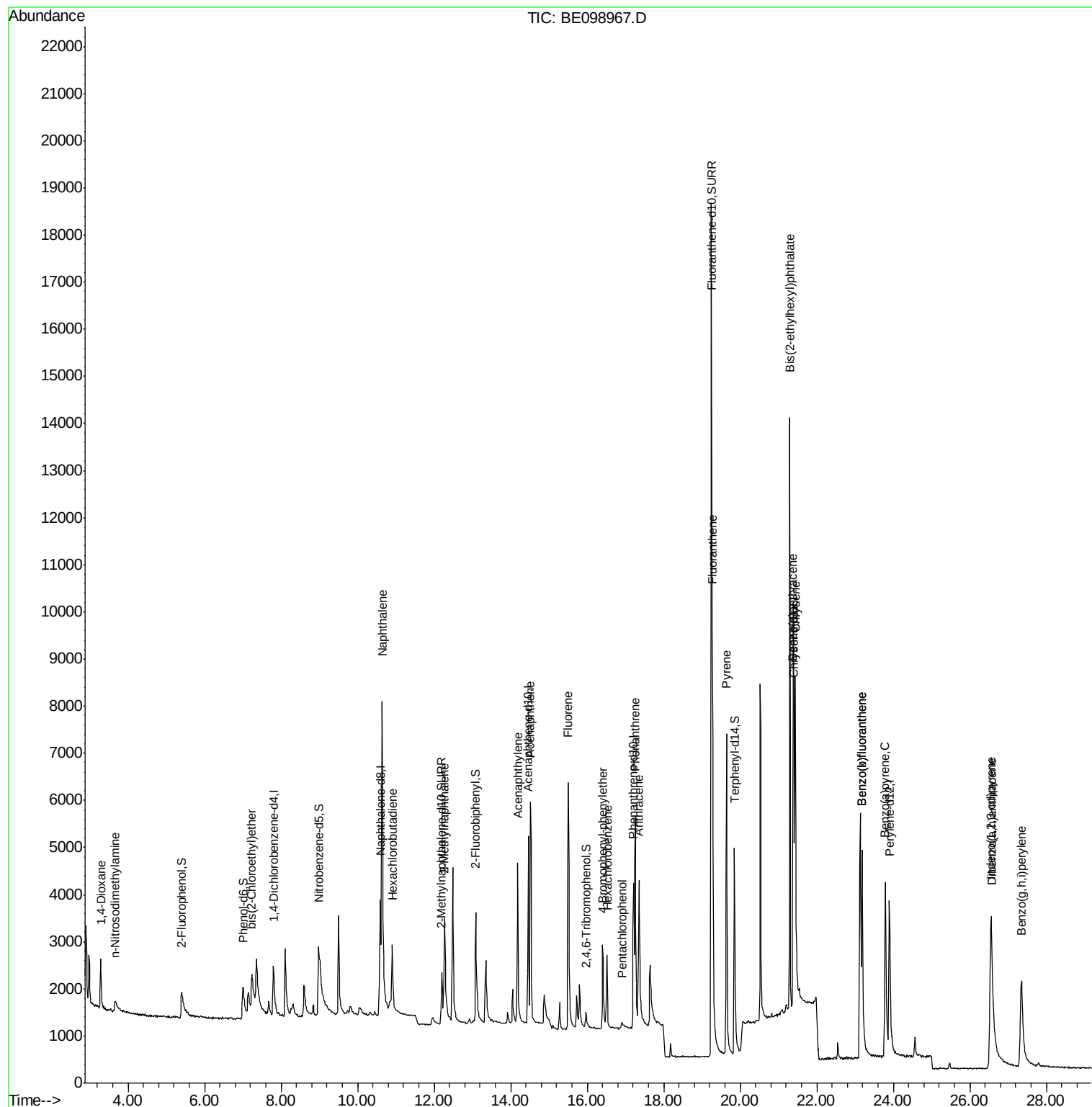
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	694	0.468	ng	94
3) n-Nitrosodimethylamine	3.65	42	310	0.156	ng	# 14
6) bis(2-Chloroethyl)ether	7.23	93	811	0.316	ng	83
9) Naphthalene	10.64	128	16780	0.397	ng	100
10) Hexachlorobutadiene	10.91	225	1078	0.385	ng	98
12) 2-Methylnaphthalene	12.27	142	2502	0.365	ng	99
16) Acenaphthylene	14.18	152	4696	0.379	ng	98
17) Acenaphthene	14.51	154	2822	0.384	ng	98
18) Fluorene	15.50	166	3912	0.369	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1371	0.428	ng	# 80
21) Hexachlorobenzene	16.52	284	1509	0.396	ng	97
22) Pentachlorophenol	16.91	266	164	0.391	ng	97
23) Phenanthrene	17.26	178	6241	0.372	ng	97
24) Anthracene	17.35	178	4670	0.325	ng	98
26) Fluoranthene	19.28	202	8138	0.343	ng	99
28) Pyrene	19.64	202	8207	0.414	ng	99
30) Benzo(a)anthracene	21.38	228	7393	0.365	ng	98
31) Chrysene	21.44	228	7926	0.366	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	13777	0.320	ng	99
33) Indeno(1,2,3-cd)pyrene	26.54	276	7886	0.345	ng	97
35) Benzo(b)fluoranthene	23.18	252	8557	0.411	ng	98
36) Benzo(k)fluoranthene	23.18	252	9090	0.417	ng	100
37) Benzo(a)pyrene	23.79	252	7622	0.382	ng	# 87
38) Dibenzo(a,h)anthracene	26.57	278	5390	0.285	ng	97
39) Benzo(g,h,i)perylene	27.35	276	6794	0.344	ng	96

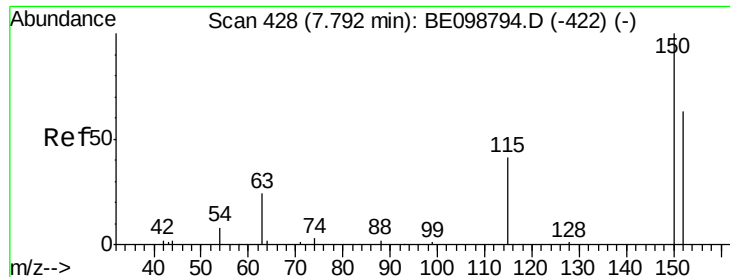
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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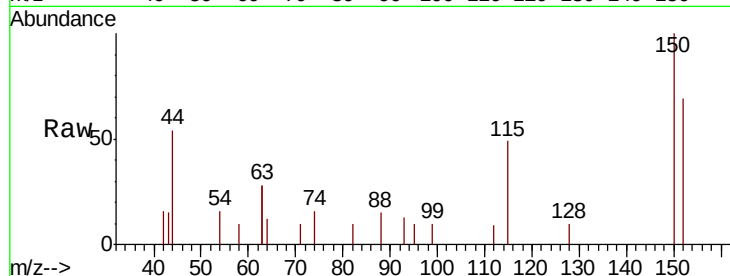


#1

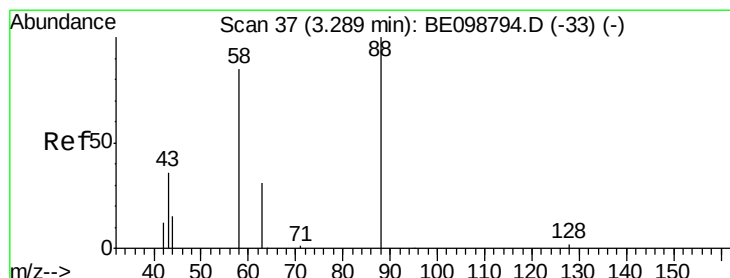
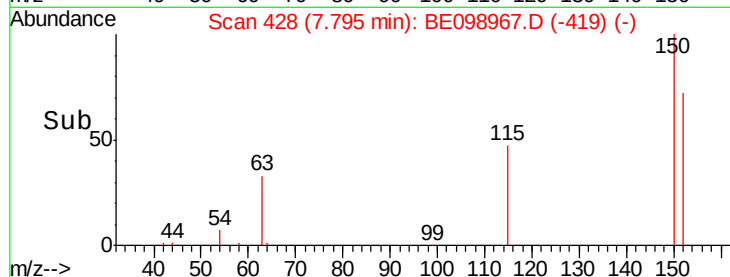
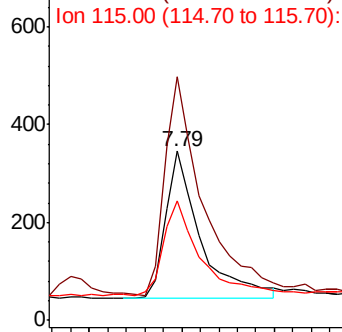
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098967.D
Acq: 15 Mar 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 788
Ion Ratio Lower Upper
152 100
150 143.9 122.5 183.7
115 70.8 57.4 86.2



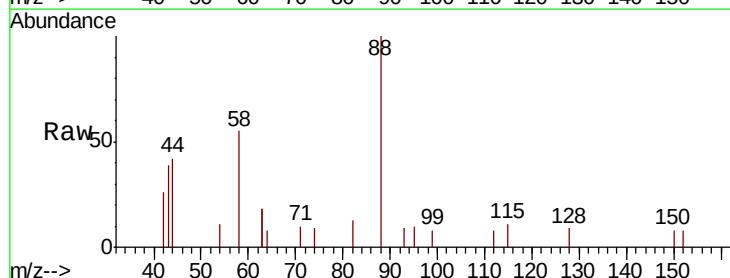
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



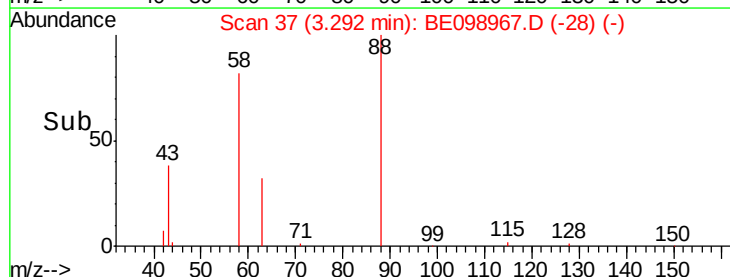
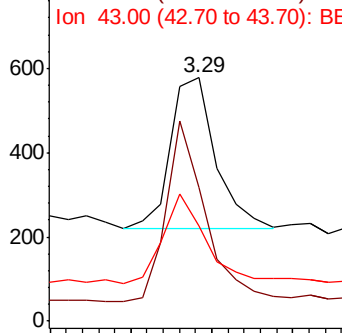
#2

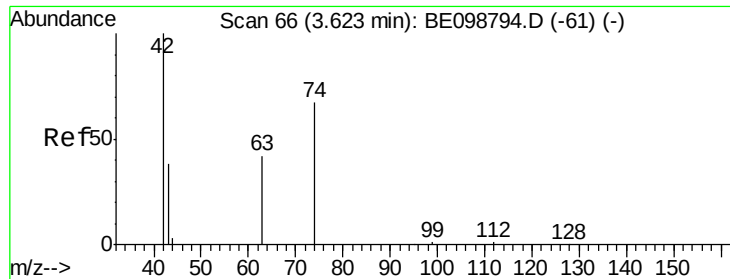
1,4-Dioxane
Concen: 0.468 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098967.D
Acq: 15 Mar 2019 10:14

Tgt Ion: 88 Resp: 694
Ion Ratio Lower Upper
88 100
58 102.6 75.8 113.6
43 53.5 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: 0.156 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.03 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

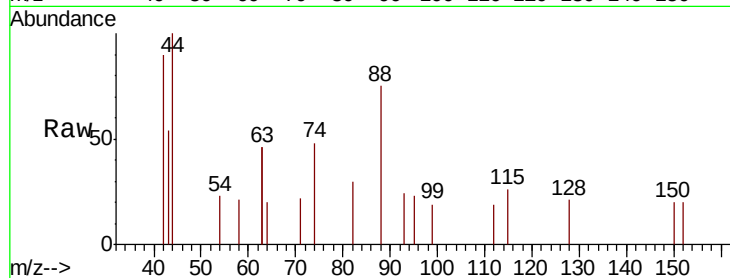
Tot Ion: 42 Resp: 310

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

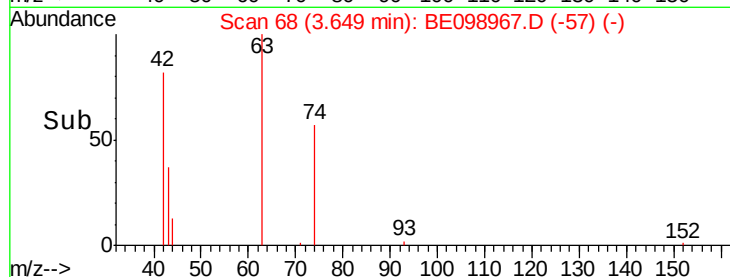
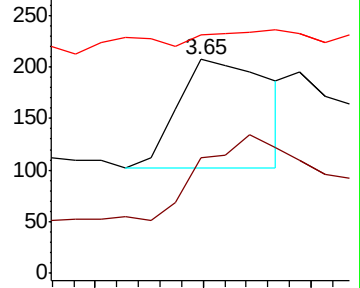
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.363 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

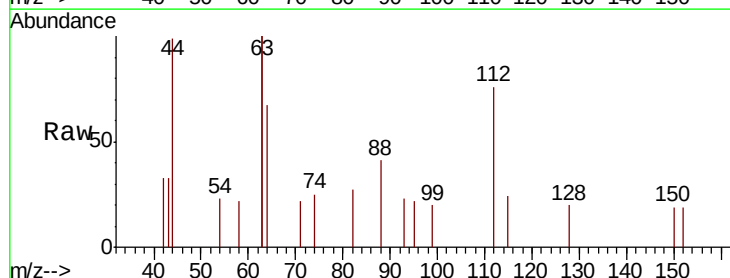
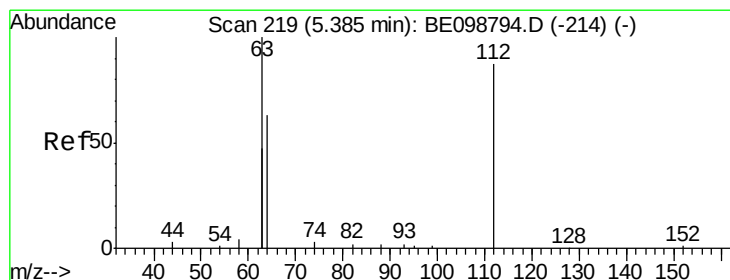
Tgt Ion: 112 Resp: 855

Ion Ratio Lower Upper

112 100

64 57.9 57.9 86.9#

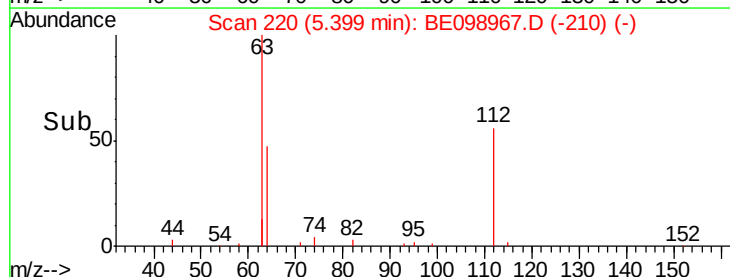
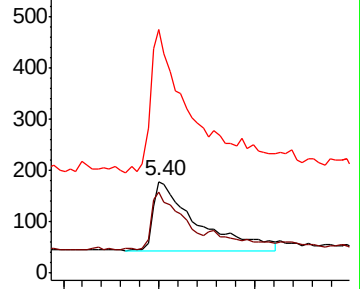
63 176.4 158.3 237.5

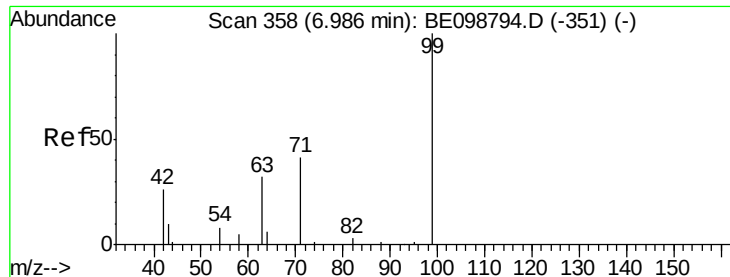


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.390 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

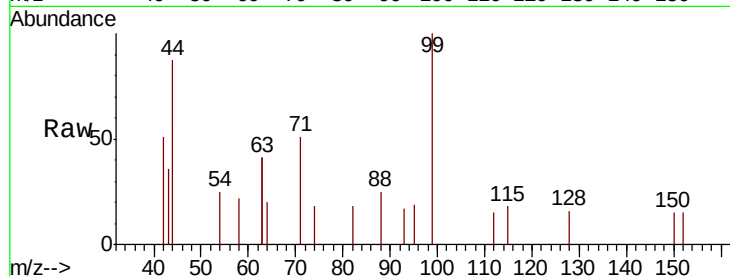
Tot Ion: 99 Resp: 1298

Ion Ratio Lower Upper

99 100

42 30.7 24.2 36.2

71 37.2 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

7.00

300

200

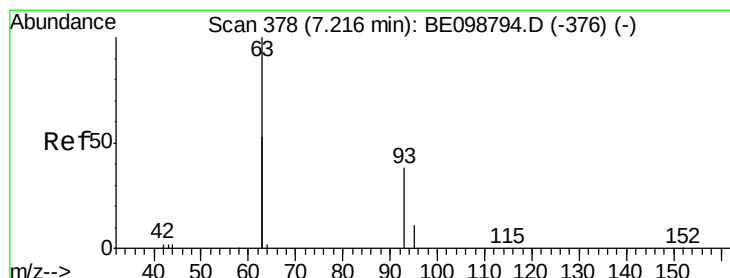
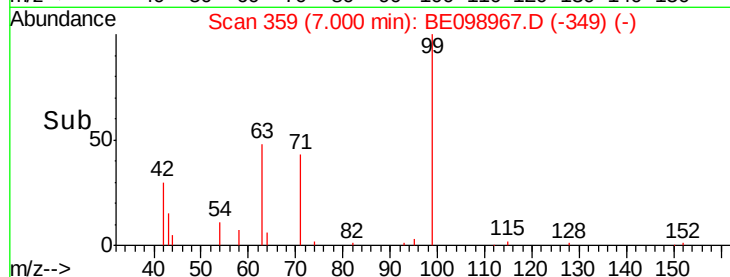
100

0

7.00

7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.316 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

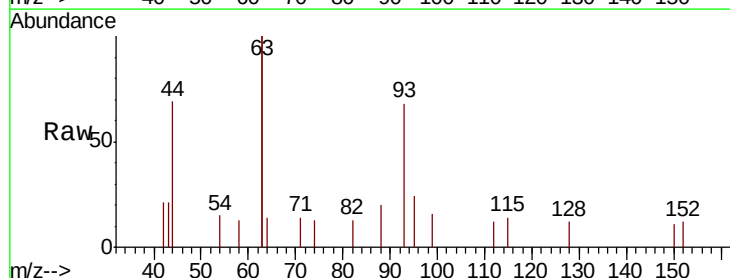
Tgt Ion: 93 Resp: 811

Ion Ratio Lower Upper

93 100

63 274.0 247.5 371.3

95 31.7 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

1200

1000

800

600

400

200

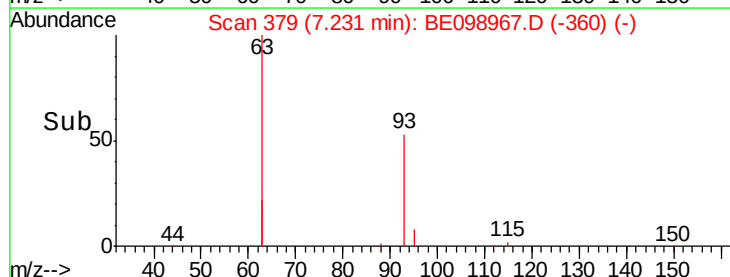
0

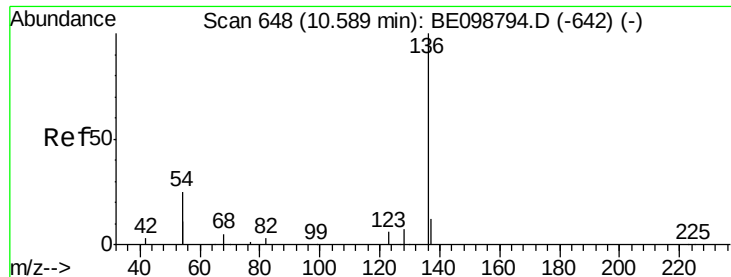
7.20

7.30

7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 3694

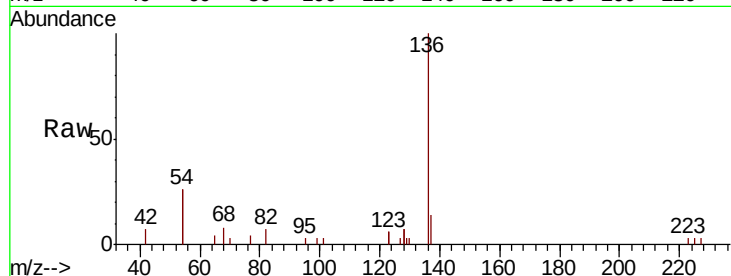
Ion Ratio Lower Upper

136 100

137 14.2 11.4 17.0

54 51.3 39.3 58.9

68 8.4 6.7 10.1

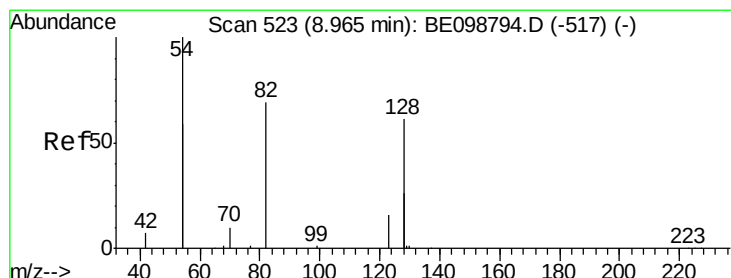
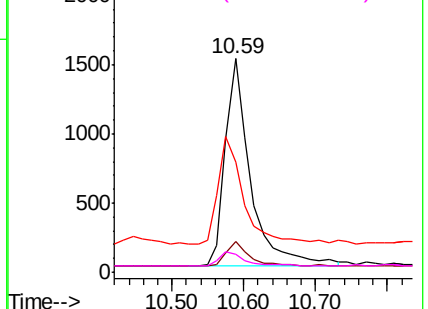
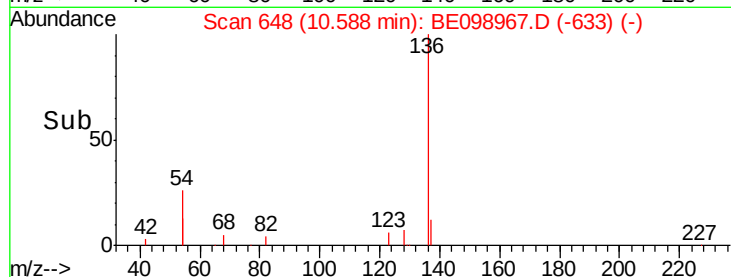


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

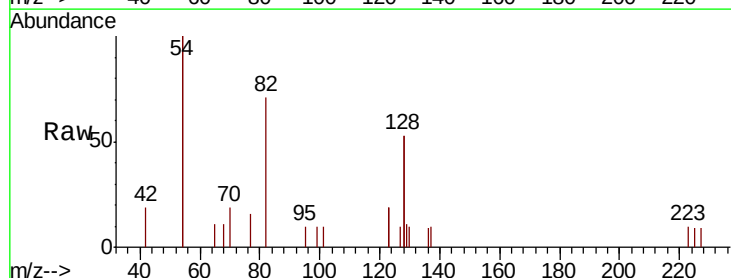
Tgt Ion: 82 Resp: 1320

Ion Ratio Lower Upper

82 100

128 149.3 123.8 185.8

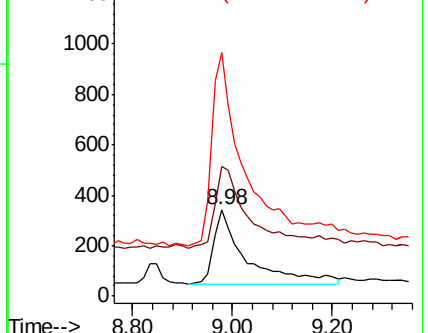
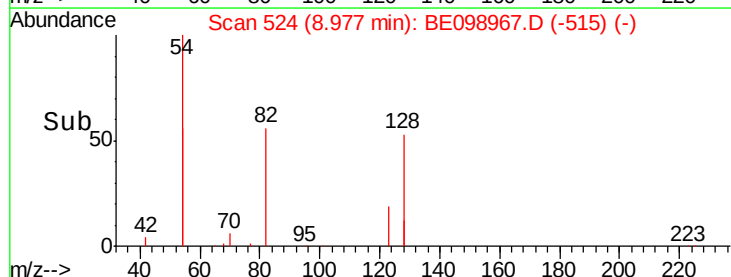
54 281.6 203.4 305.2

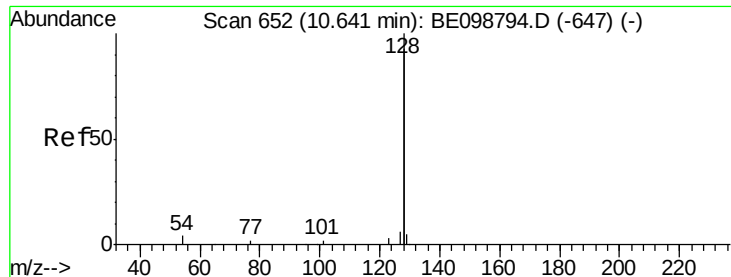


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.397 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

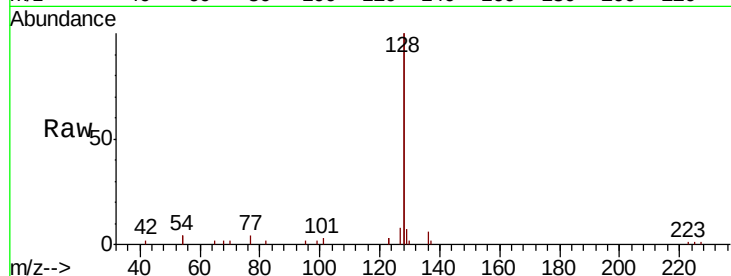
Tot Ion:128 Resp: 16780

Ion Ratio Lower Upper

128 100

129 3.4 2.6 4.0

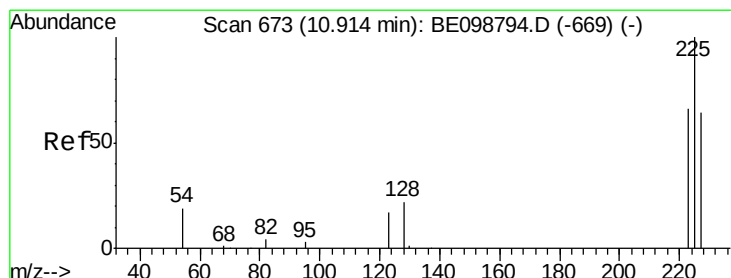
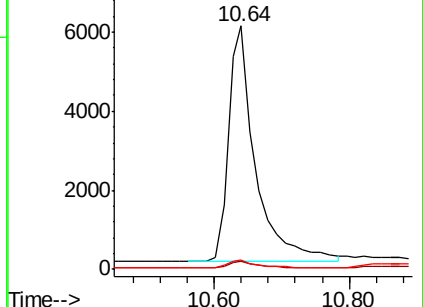
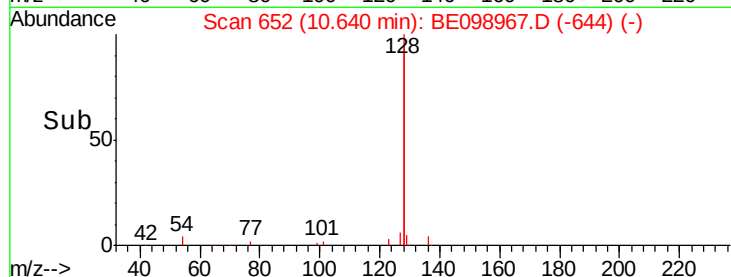
127 3.8 3.1 4.7



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: 0.385 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

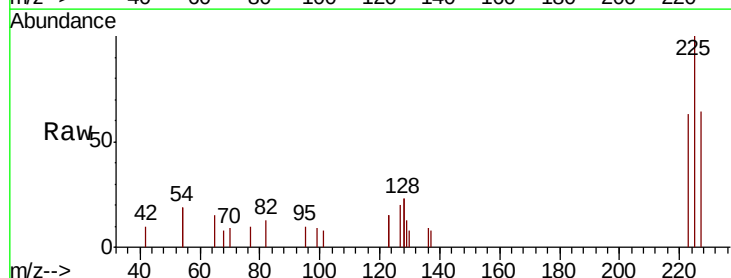
Tgt Ion:225 Resp: 1078

Ion Ratio Lower Upper

225 100

223 62.2 51.1 76.7

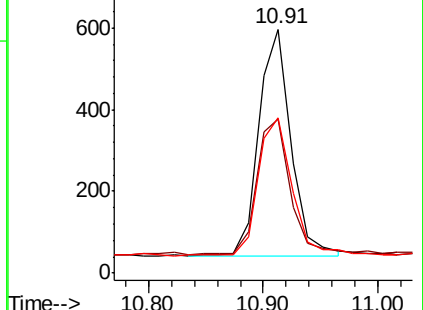
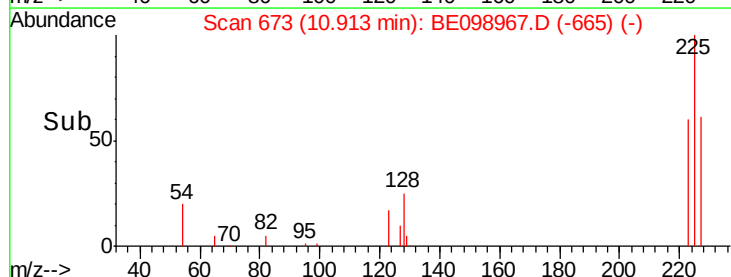
227 62.6 51.6 77.4

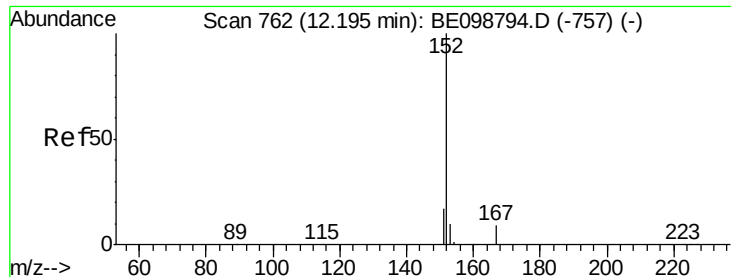


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

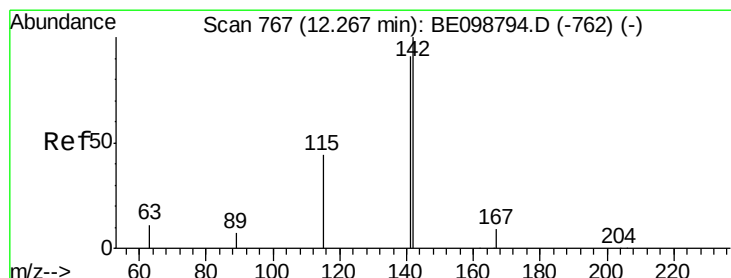
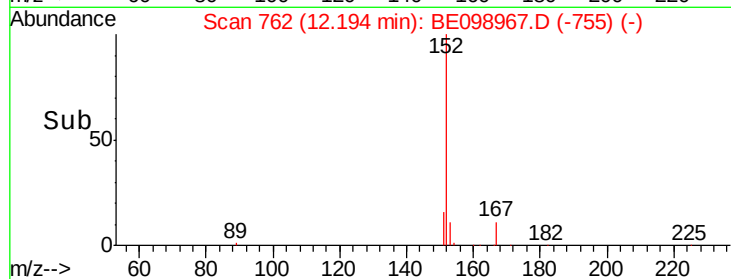
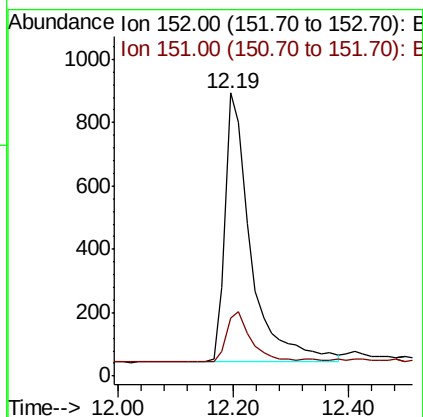
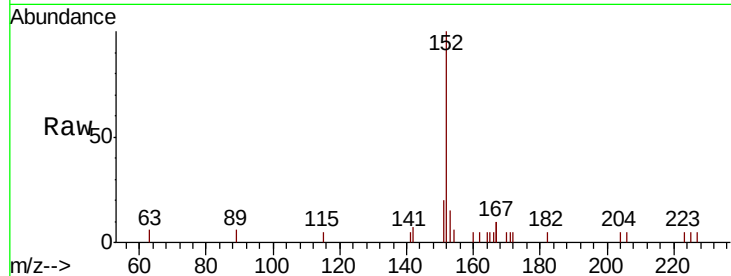




#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE098967.D
Acq: 15 Mar 2019 10:14

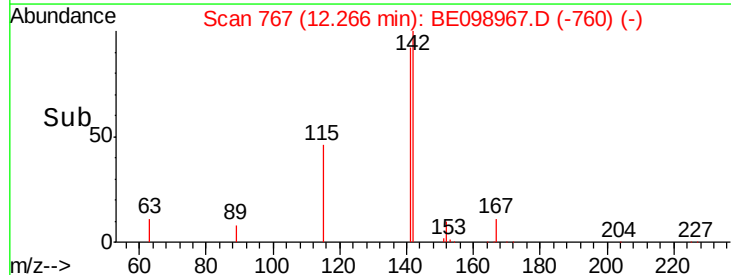
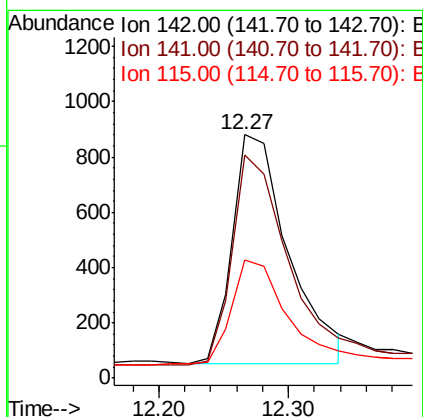
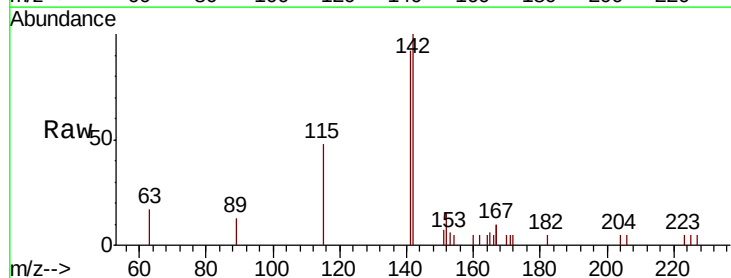
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

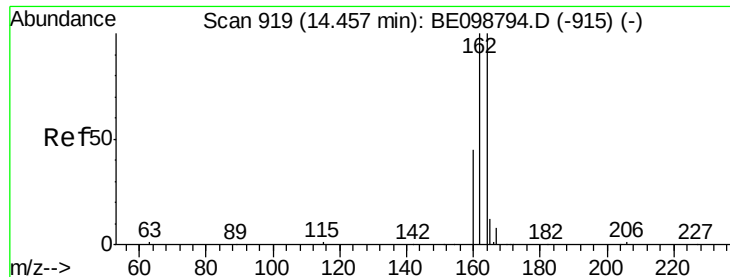
Tot Ion:152 Resp: 2633
Ion Ratio Lower Upper
152 100
151 18.3 16.5 24.7



#12
2-Methylnaphthalene
Concen: 0.365 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098967.D
Acq: 15 Mar 2019 10:14

Tgt Ion:142 Resp: 2502
Ion Ratio Lower Upper
142 100
141 91.6 72.6 108.8
115 48.4 37.4 56.2

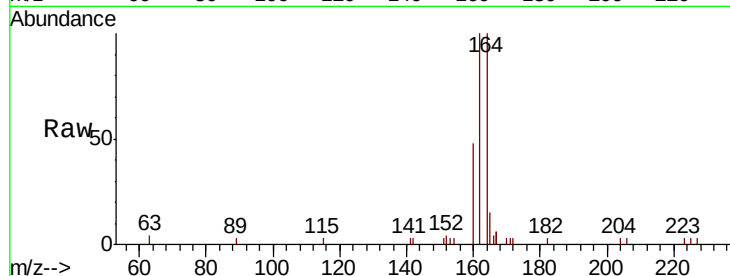




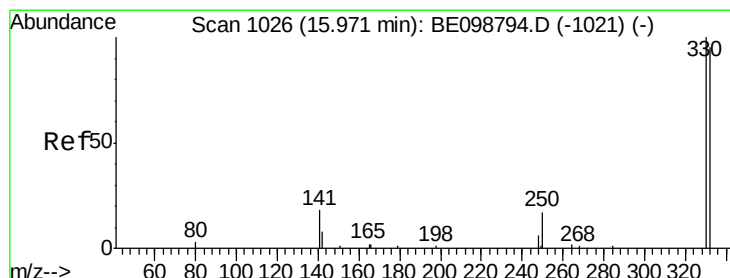
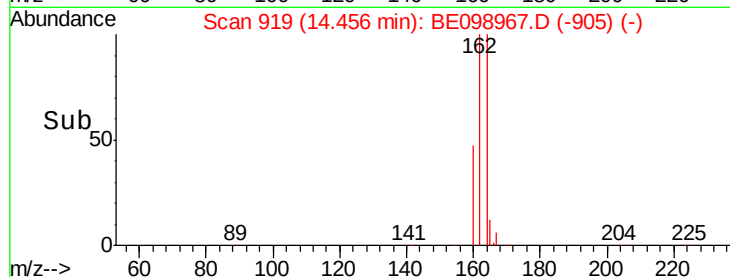
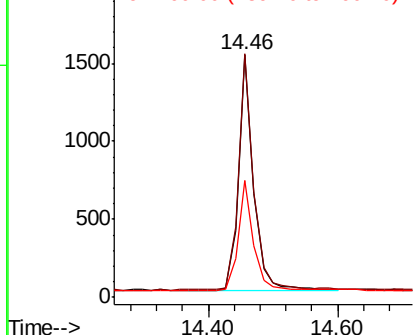
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098967.D
Acq: 15 Mar 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:164 Resp: 2411
Ion Ratio Lower Upper
164 100
162 100.3 80.2 120.2
160 48.2 37.8 56.8

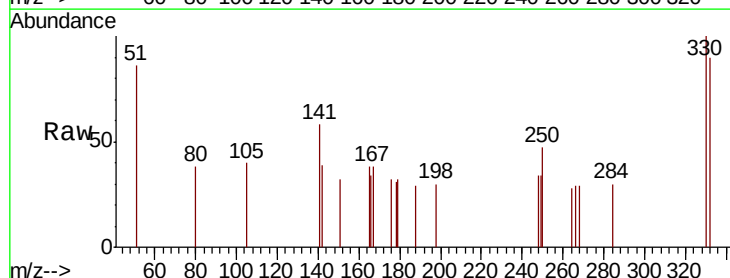


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

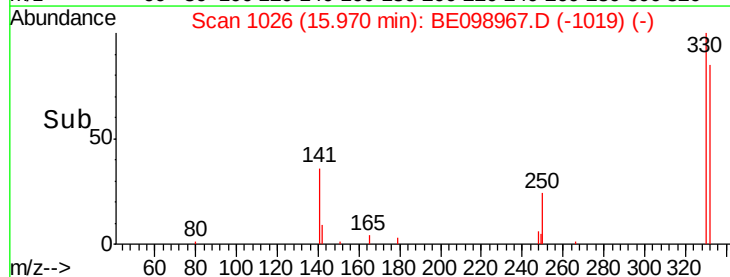
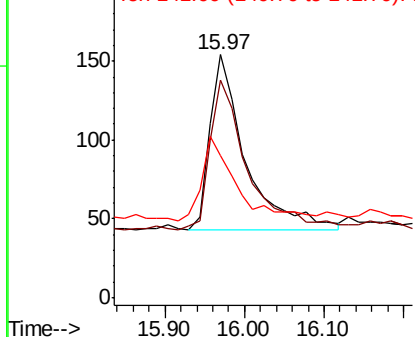


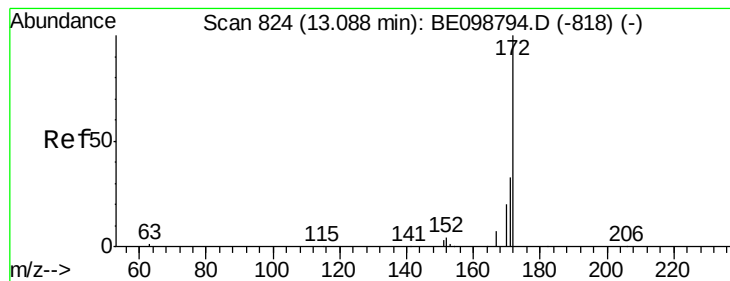
#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098967.D
Acq: 15 Mar 2019 10:14

Tgt Ion:330 Resp: 345
Ion Ratio Lower Upper
330 100
332 90.7 77.6 116.4
141 46.4 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

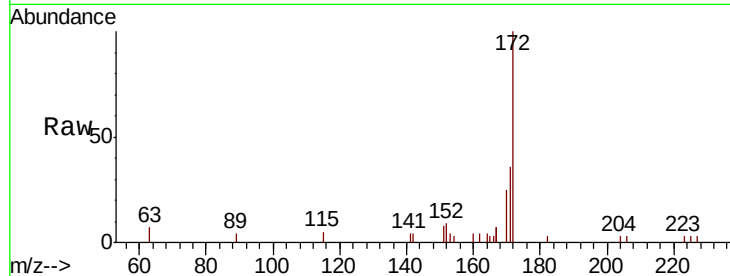




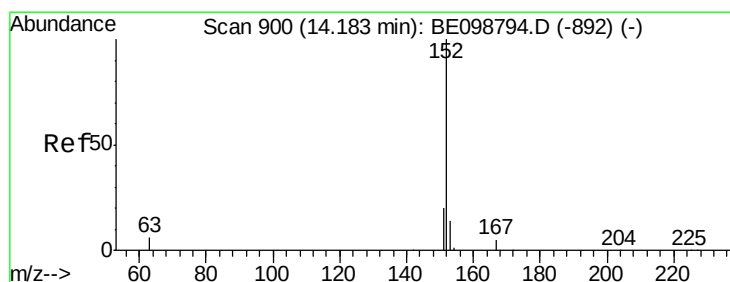
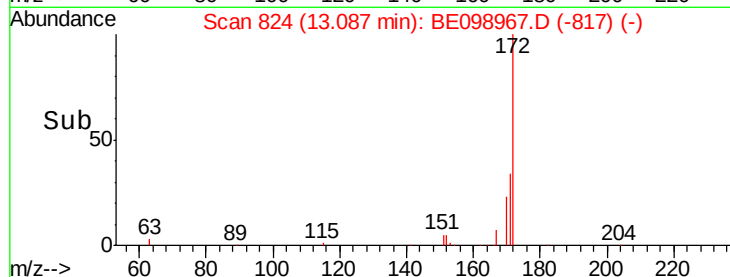
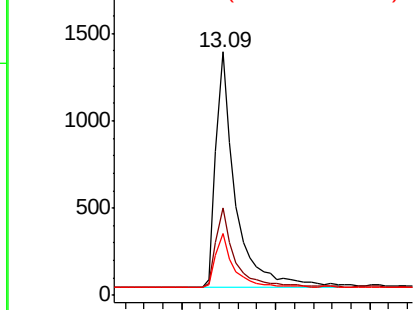
#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098967.D
Acq: 15 Mar 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 3909
Ion Ratio Lower Upper
172 100
171 36.1 28.0 42.0
170 25.2 17.7 26.5

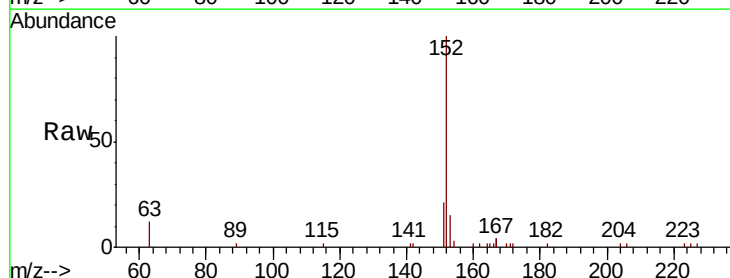


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

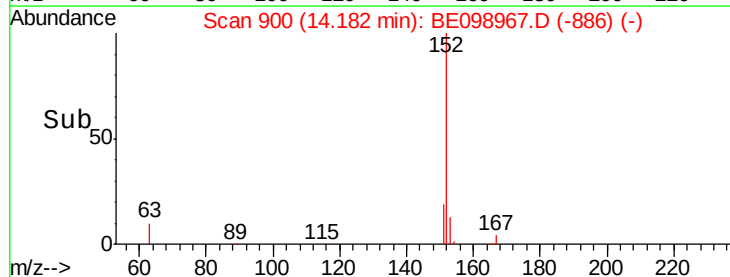
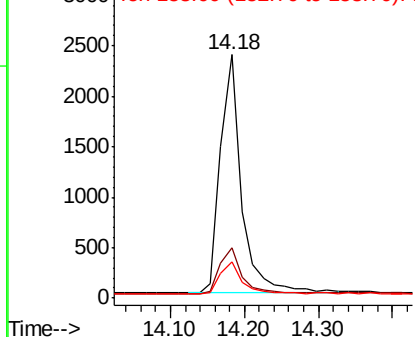


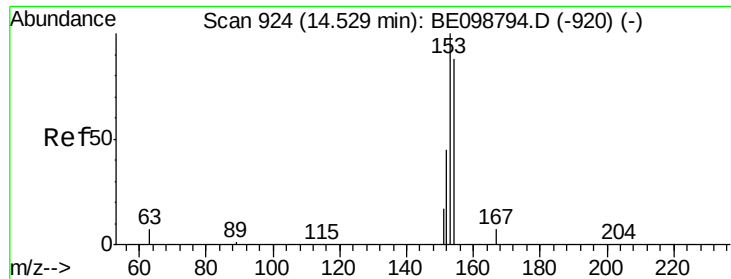
#16
Acenaphthylene
Concen: 0.379 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098967.D
Acq: 15 Mar 2019 10:14

Tgt Ion:152 Resp: 4696
Ion Ratio Lower Upper
152 100
151 20.4 17.0 25.6
153 13.5 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

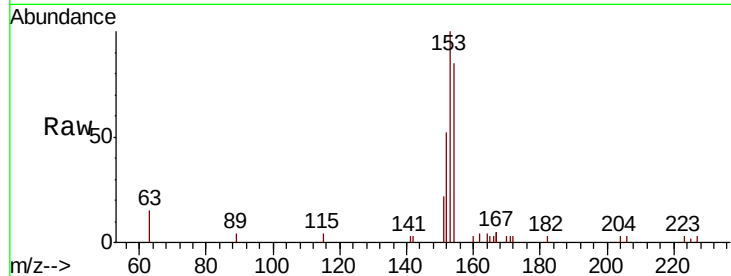




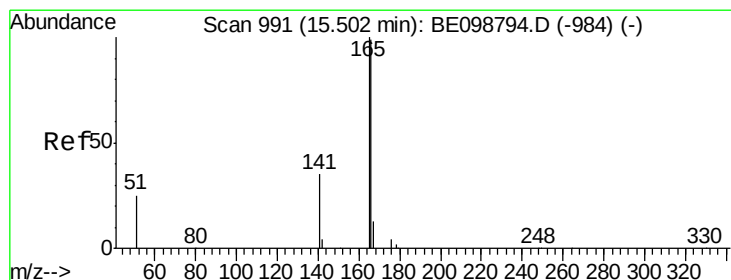
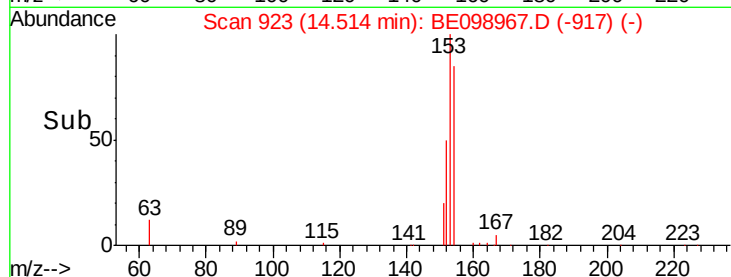
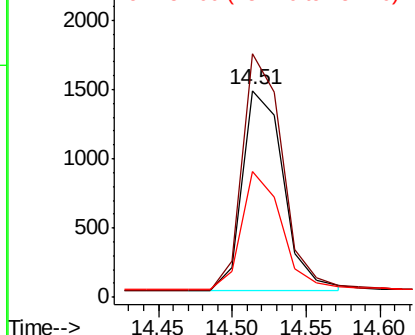
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098967.D
Acq: 15 Mar 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 2822
Ion Ratio Lower Upper
154 100
153 116.1 94.2 141.4
152 57.4 45.0 67.4

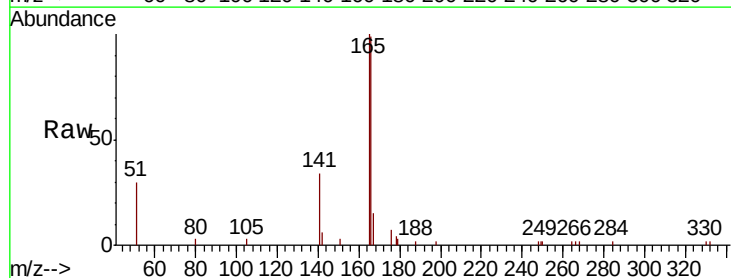


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

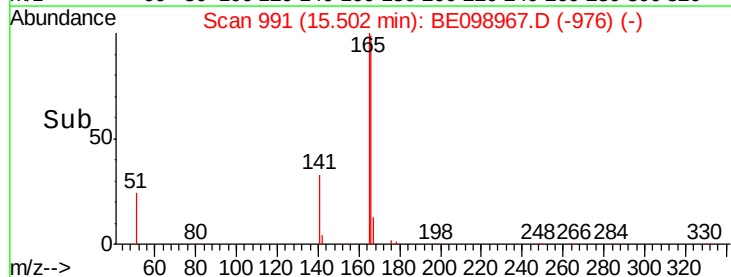
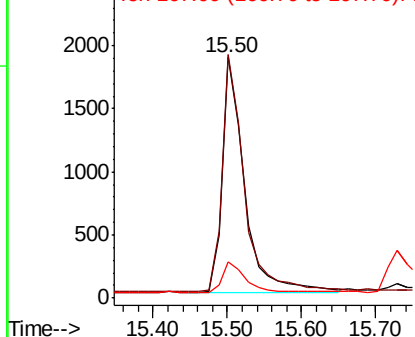


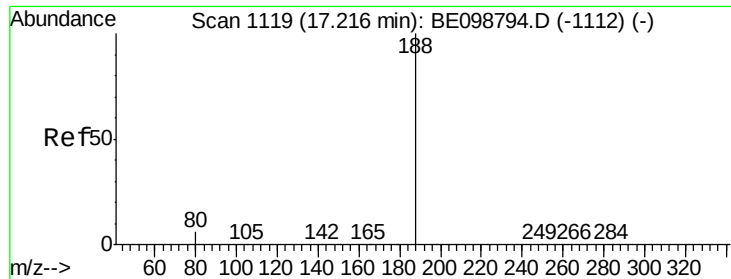
#18
Fluorene
Concen: 0.369 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098967.D
Acq: 15 Mar 2019 10:14

Tgt Ion:166 Resp: 3912
Ion Ratio Lower Upper
166 100
165 100.1 79.3 118.9
167 13.5 10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

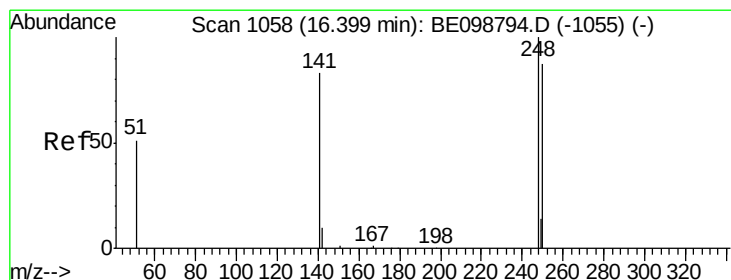
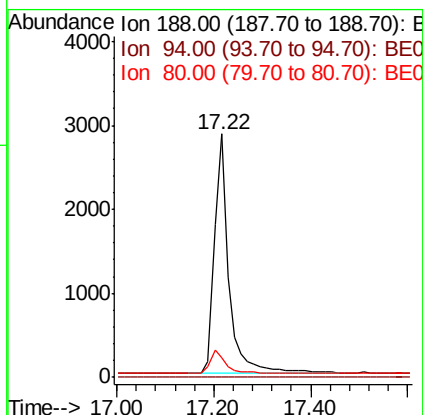
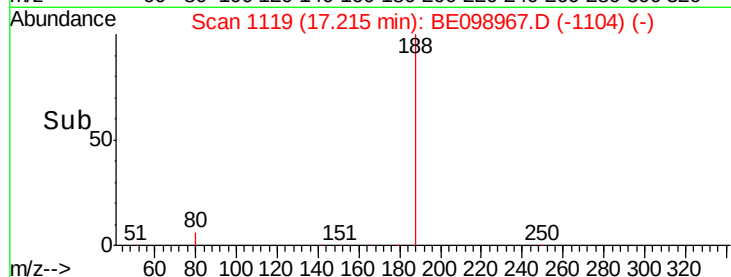
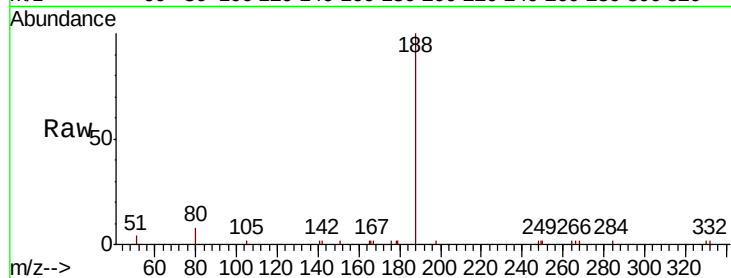
Tot Ion:188 Resp: 5909

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 6.3 9.5



#20

4-Bromophenyl-phenylether

Concen: 0.428 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

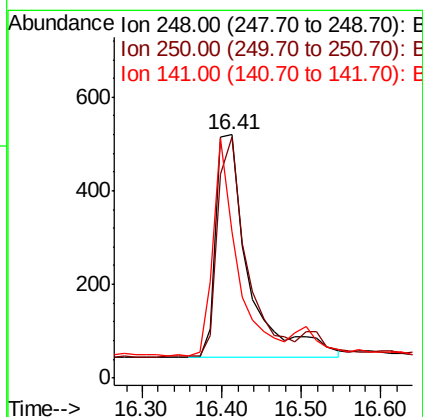
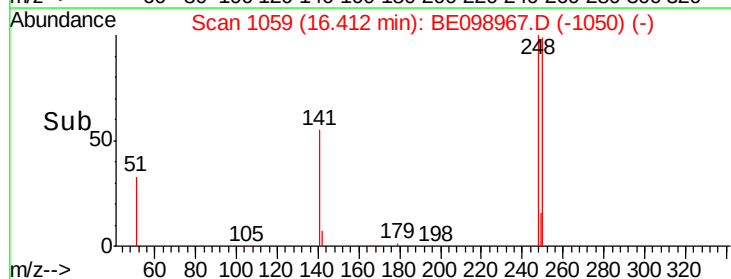
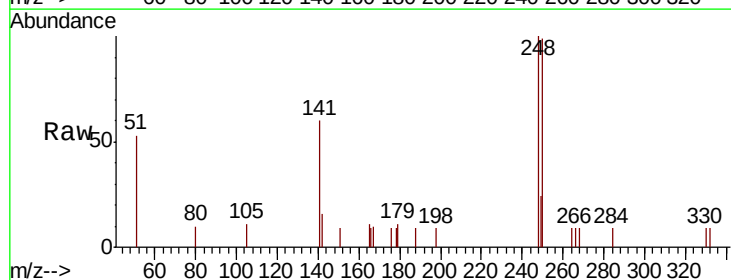
Tgt Ion:248 Resp: 1371

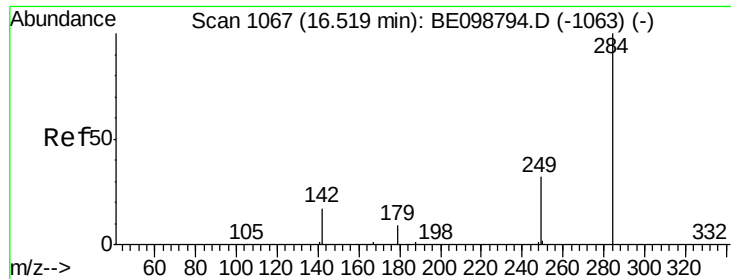
Ion Ratio Lower Upper

248 100

250 99.2 70.6 105.8

141 60.0 68.6 102.8#

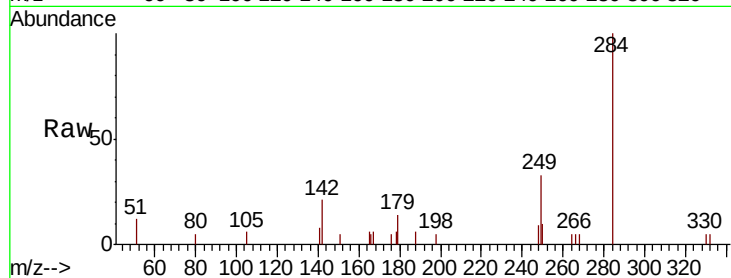




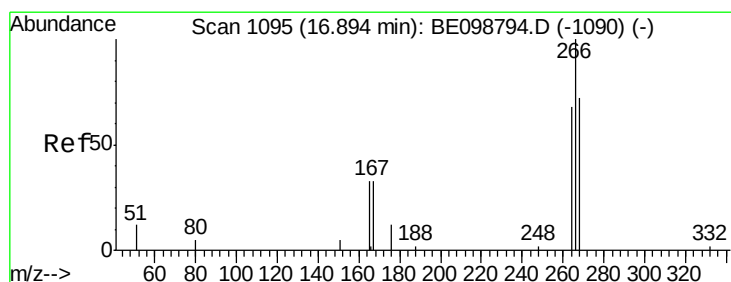
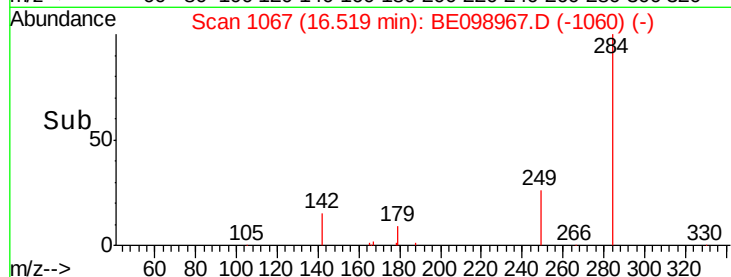
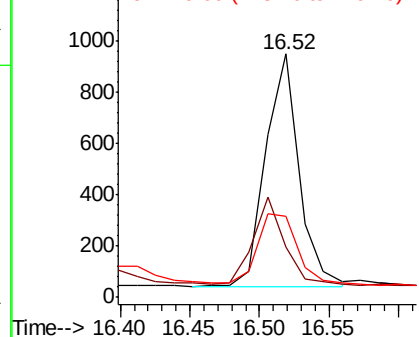
#21
Hexachlorobenzene
Concen: 0.396 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098967.D
Acq: 15 Mar 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 1509
Ion Ratio Lower Upper
284 100
142 34.8 28.7 43.1
249 34.3 29.6 44.4

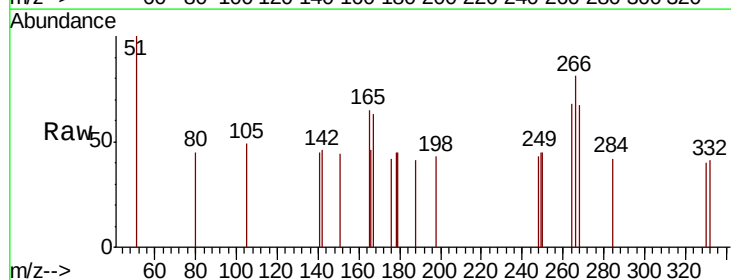


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

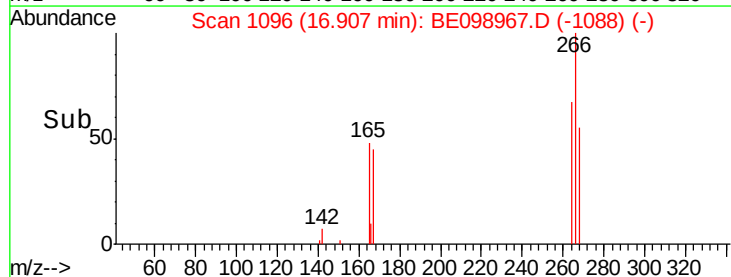
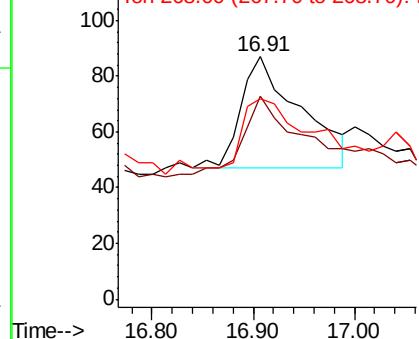


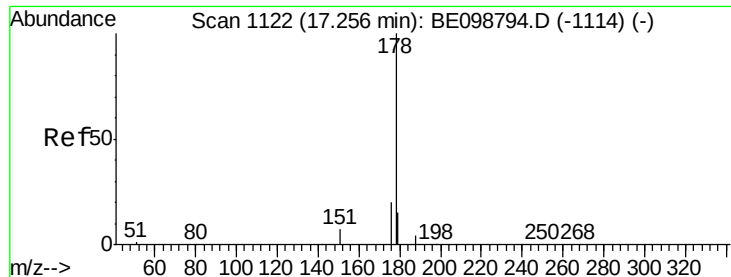
#22
Pentachlorophenol
Concen: 0.391 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE098967.D
Acq: 15 Mar 2019 10:14

Tgt Ion:266 Resp: 164
Ion Ratio Lower Upper
266 100
264 83.9 66.6 100.0
268 82.8 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

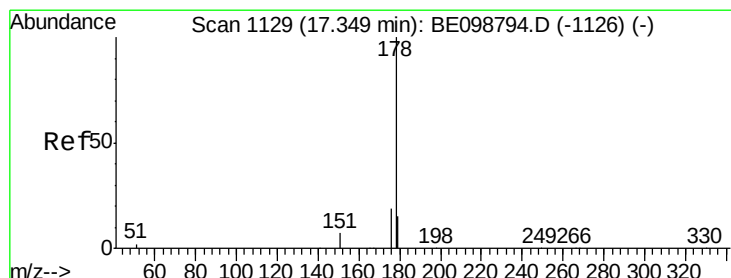
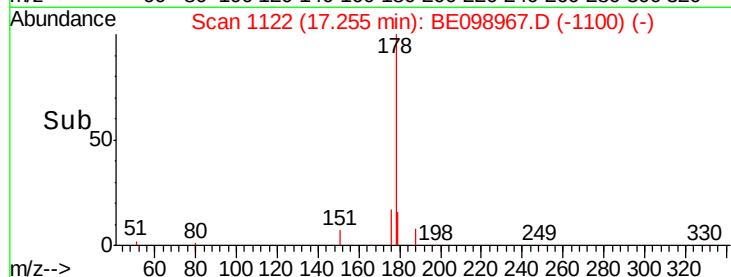
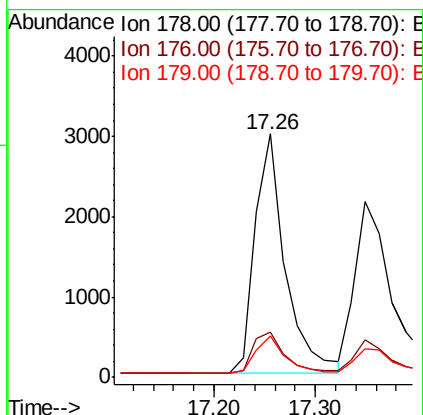
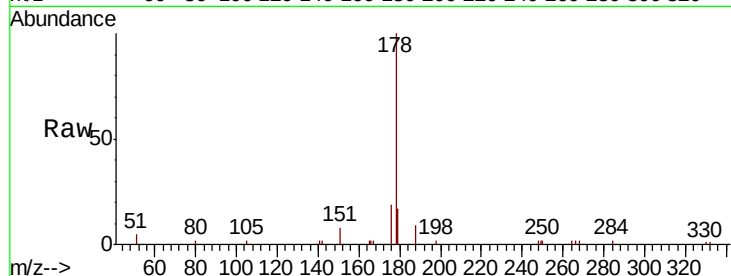




#23
Phenanthrene
Concen: 0.372 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098967.D
Acq: 15 Mar 2019 10:14

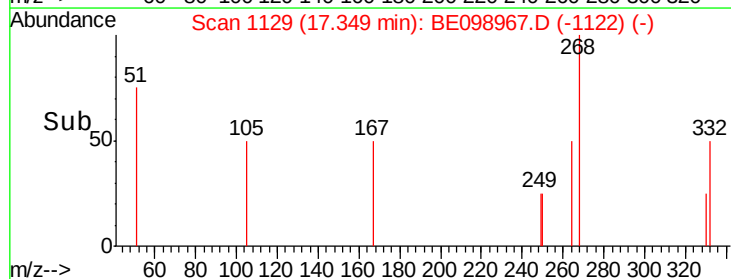
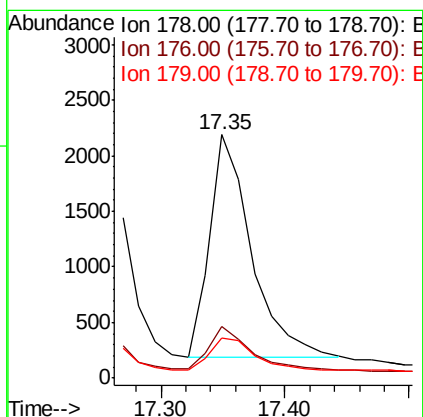
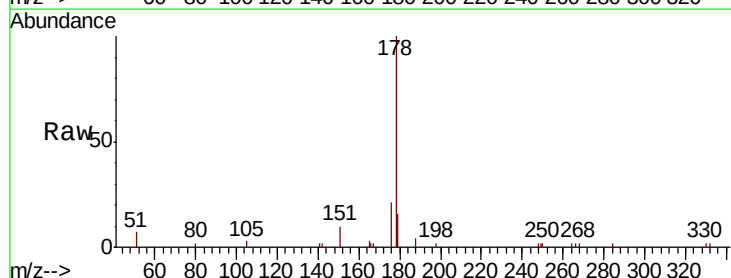
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

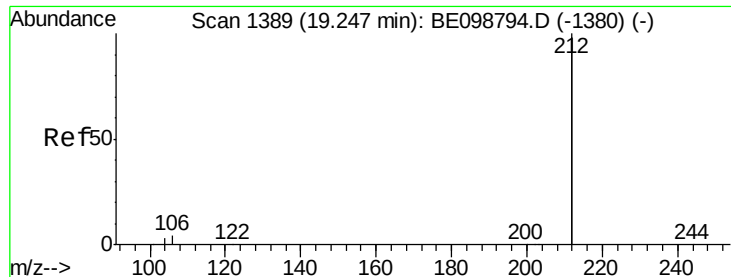
Tot Ion:178 Resp: 6241
Ion Ratio Lower Upper
178 100
176 18.1 16.0 24.0
179 15.6 12.1 18.1



#24
Anthracene
Concen: 0.325 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098967.D
Acq: 15 Mar 2019 10:14

Tgt Ion:178 Resp: 4670
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.0
179 15.9 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.339 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

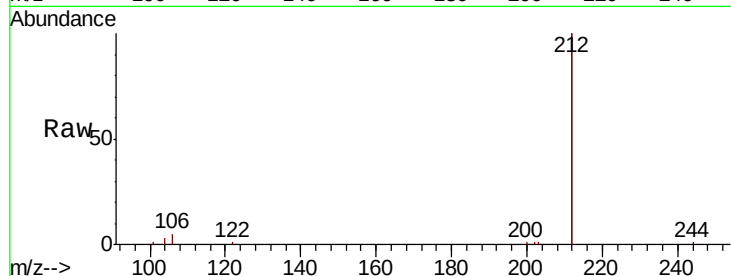
Tot Ion:212 Resp: 32010

Ion Ratio Lower Upper

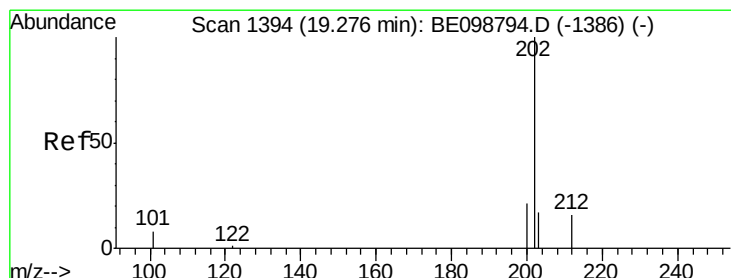
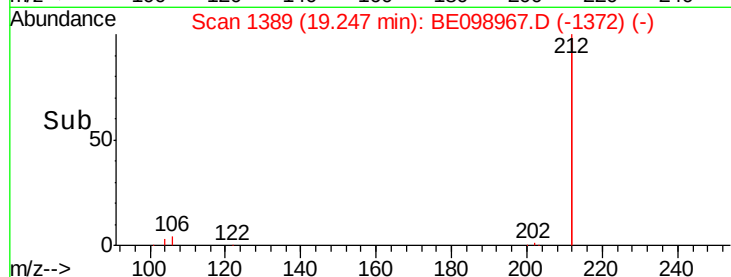
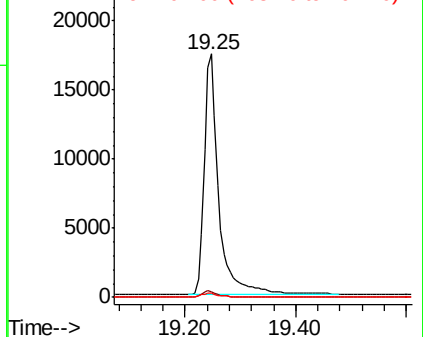
212 100

106 2.3 1.8 2.8

104 1.4 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: 0.343 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

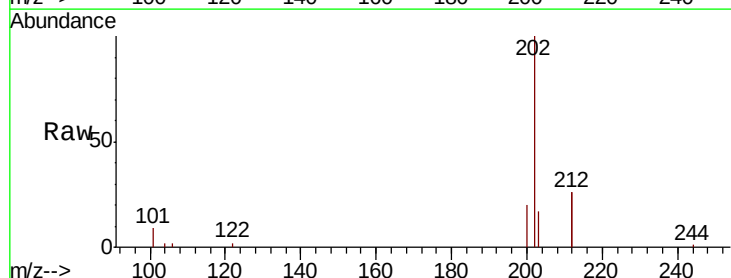
Tgt Ion:202 Resp: 8138

Ion Ratio Lower Upper

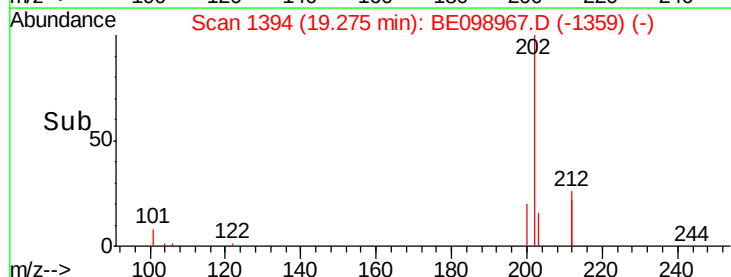
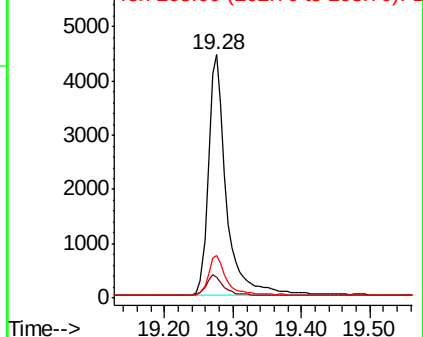
202 100

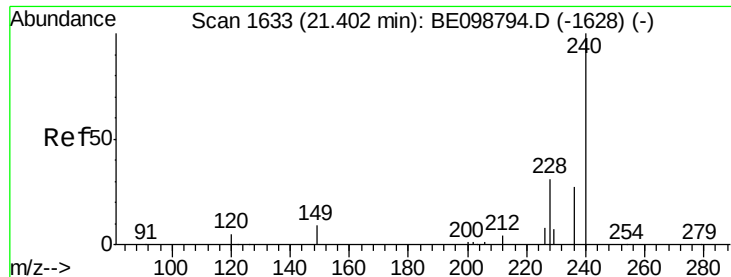
101 8.8 7.3 10.9

203 16.5 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

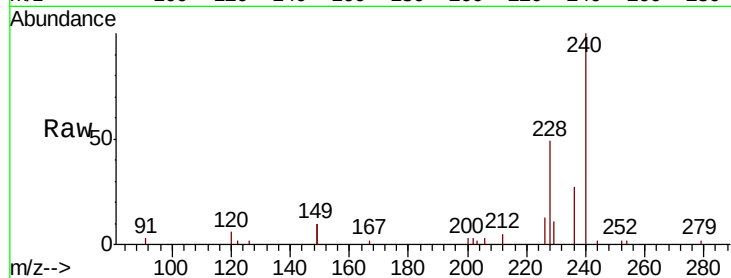




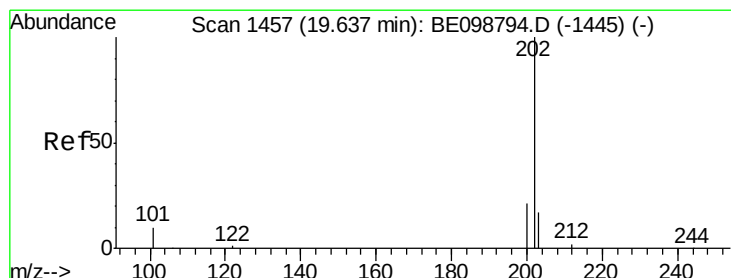
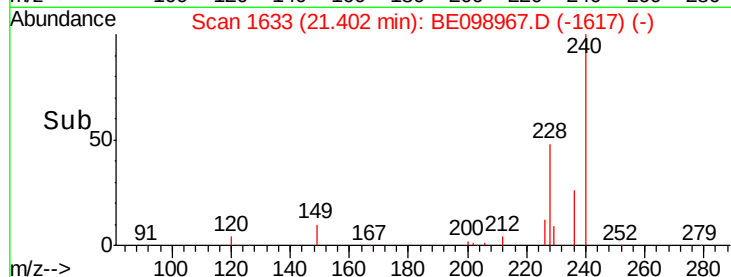
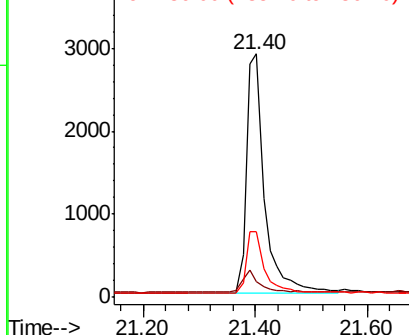
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE098967.D
Acq: 15 Mar 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:240 Resp: 6482
Ion Ratio Lower Upper
240 100
120 6.4 5.0 7.4
236 27.1 22.7 34.1

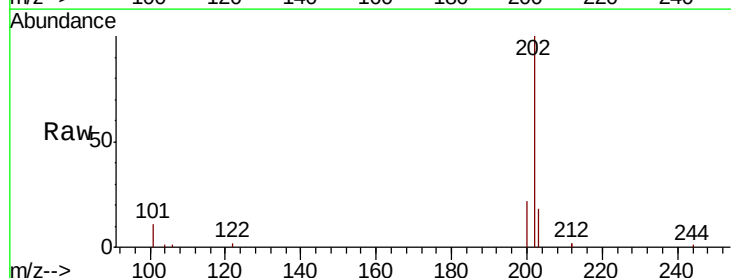


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

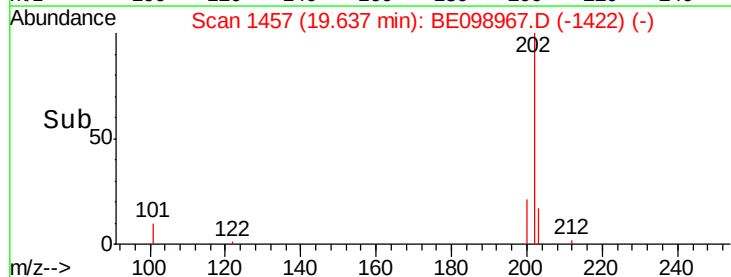
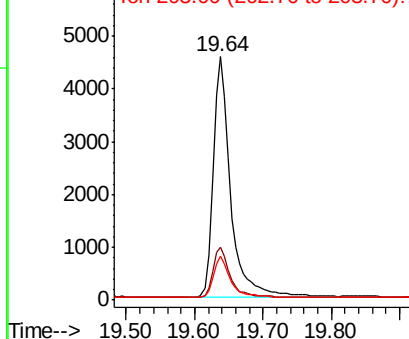


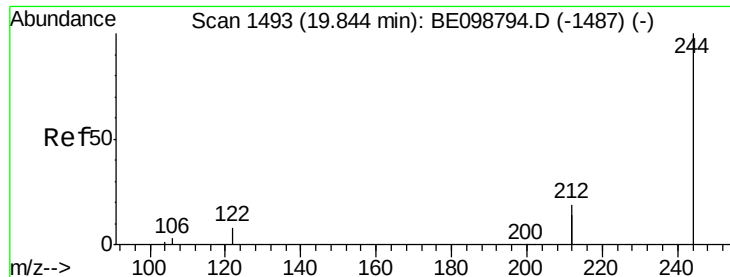
#28
Pyrene
Concen: 0.414 ng
RT: 19.64 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BE098967.D
Acq: 15 Mar 2019 10:14

Tgt Ion:202 Resp: 8207
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 16.9 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: 0.381 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

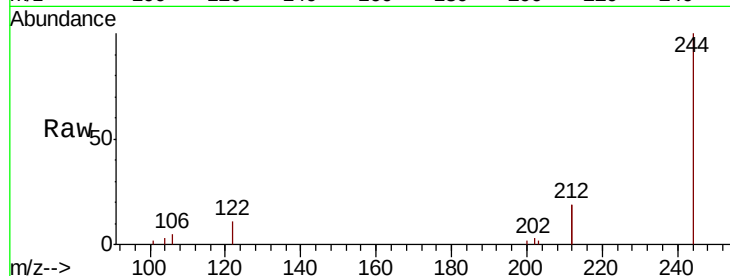
Tot Ion:244 Resp: 6004

Ion Ratio Lower Upper

244 100

212 37.4 29.4 44.2

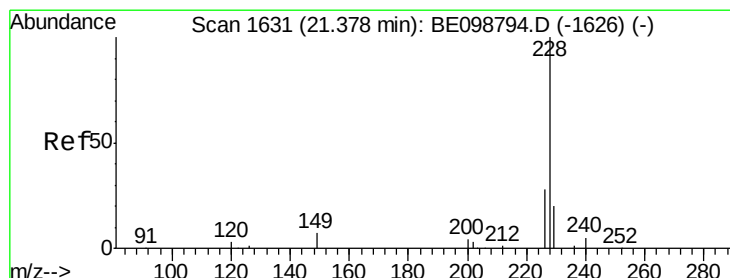
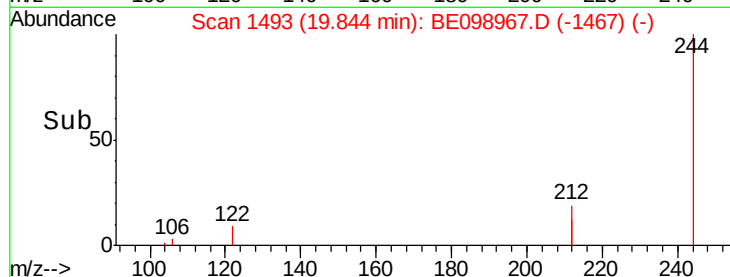
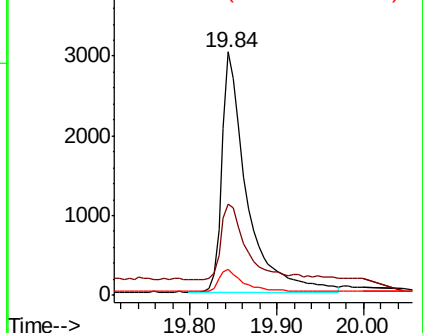
122 10.7 7.1 10.7



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: 0.365 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

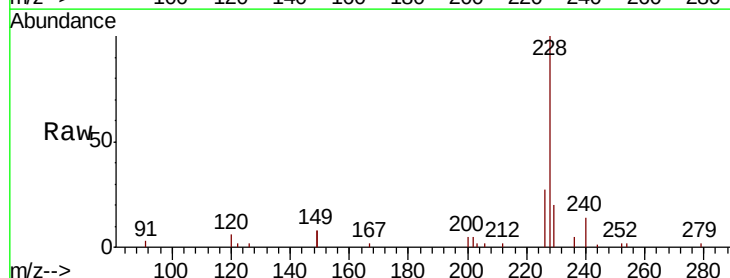
Tgt Ion:228 Resp: 7393

Ion Ratio Lower Upper

228 100

226 27.2 23.0 34.4

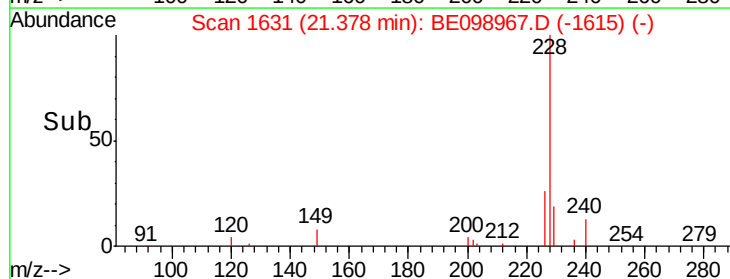
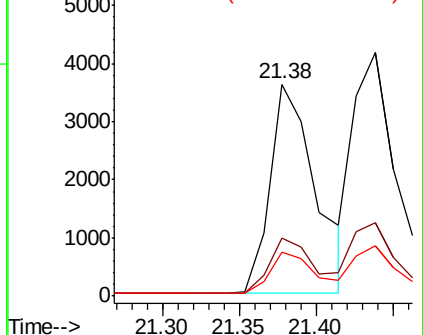
229 20.5 16.5 24.7

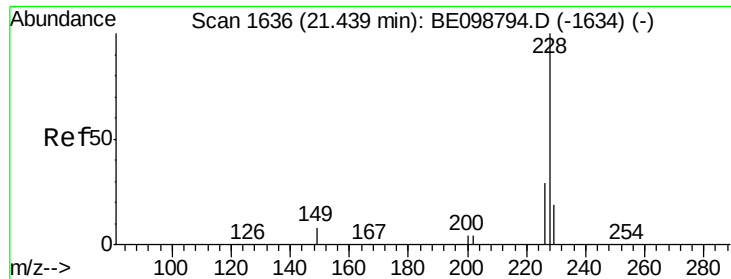


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.366 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

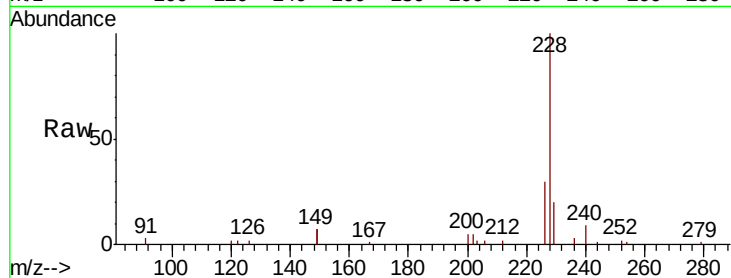
Tot Ion:228 Resp: 7926

Ion Ratio Lower Upper

228 100

226 30.1 23.7 35.5

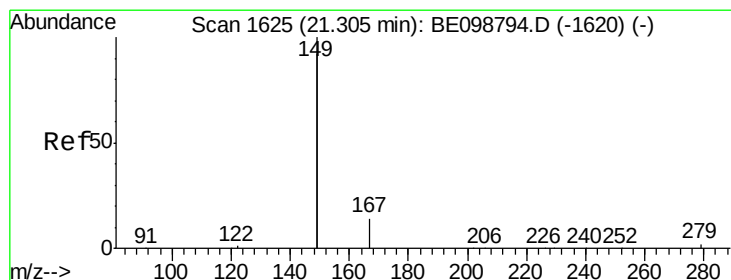
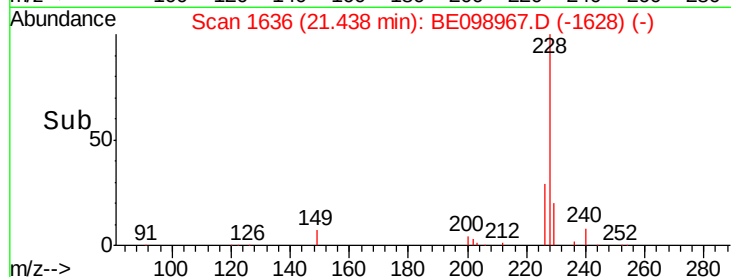
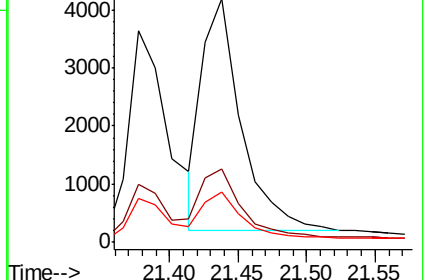
229 20.5 16.1 24.1



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: 0.320 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

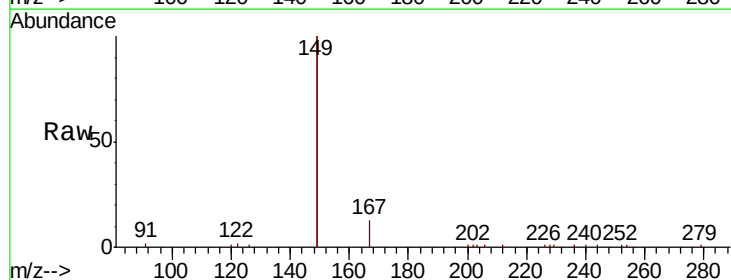
Tgt Ion:149 Resp: 13777

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

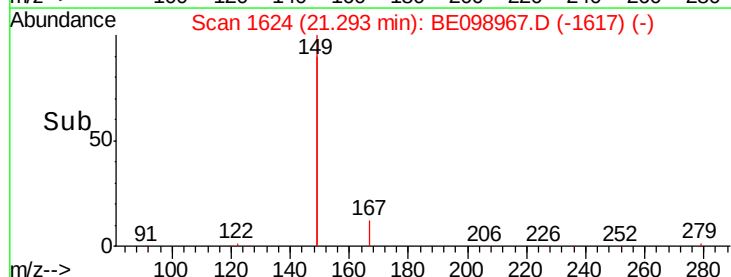
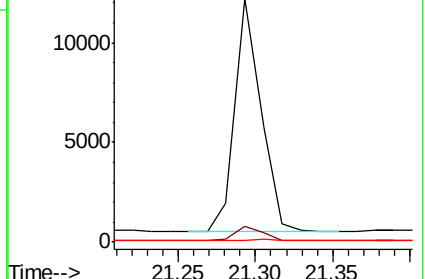
279 1.1 1.0 1.4

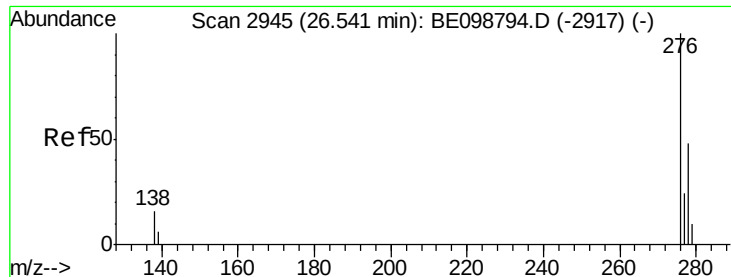


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

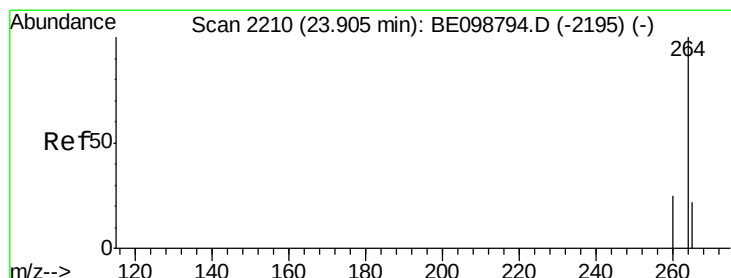
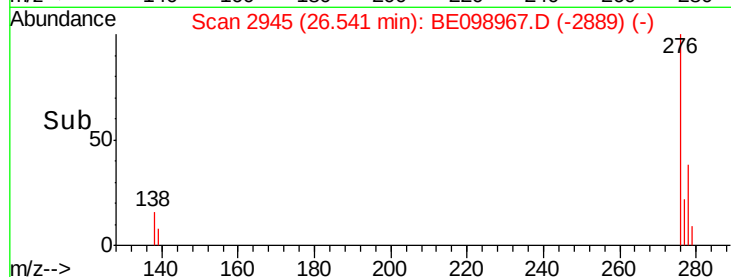
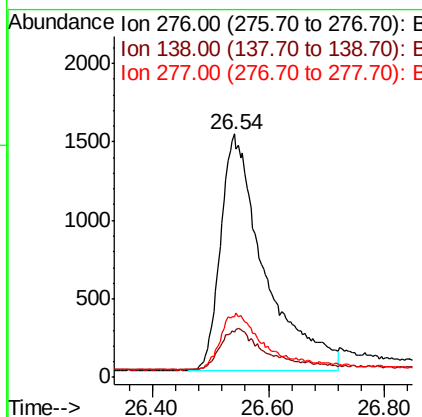
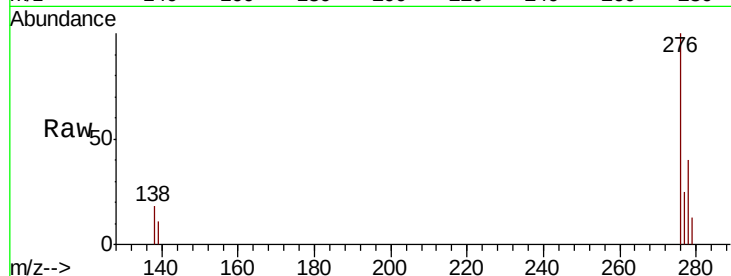




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.345 ng
 RT: 26.54 min Scan# 2945
 Delta R.T. 0.00 min
 Lab File: BE098967.D
 Acq: 15 Mar 2019 10:14

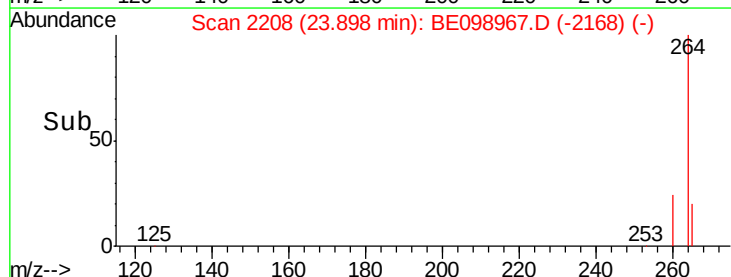
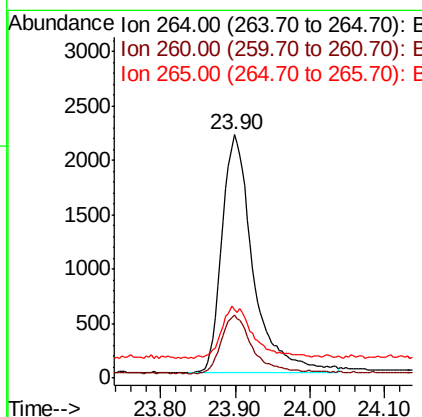
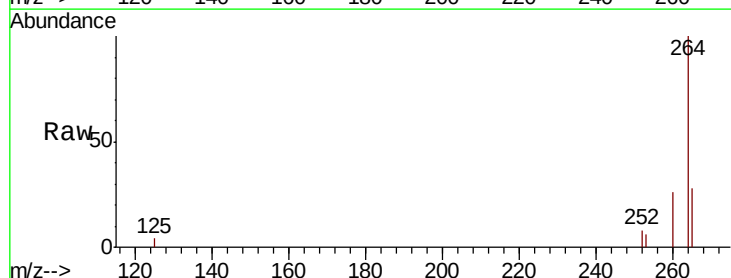
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

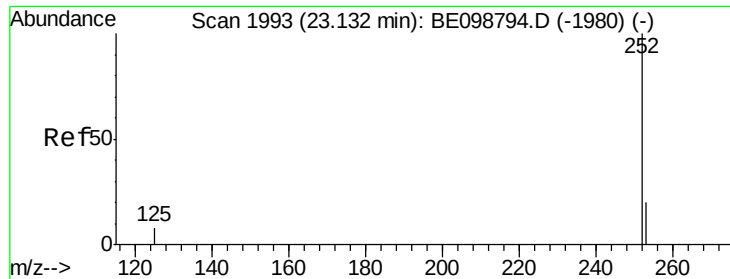
Tot Ion:276 Resp: 7886
 Ion Ratio Lower Upper
 276 100
 138 17.0 13.8 20.8
 277 21.8 19.5 29.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE098967.D
 Acq: 15 Mar 2019 10:14

Tgt Ion:264 Resp: 6332
 Ion Ratio Lower Upper
 264 100
 260 25.8 21.2 31.8
 265 28.3 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 0.411 ng

RT: 23.18 min Scan# 2007

Delta R.T. 0.05 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

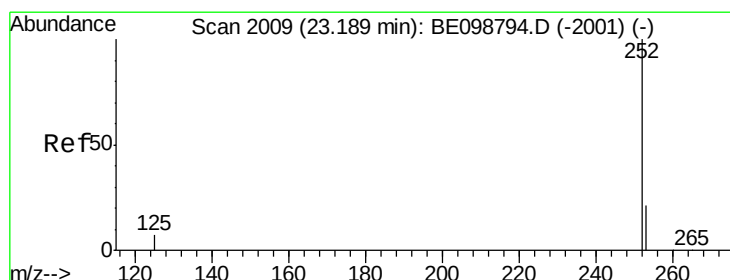
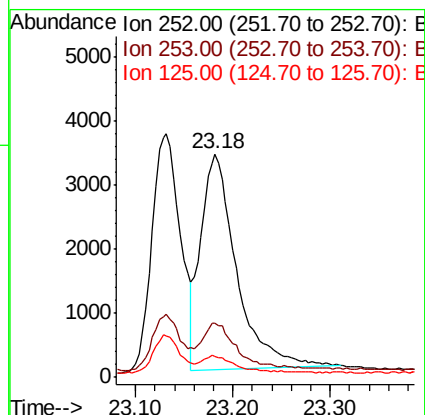
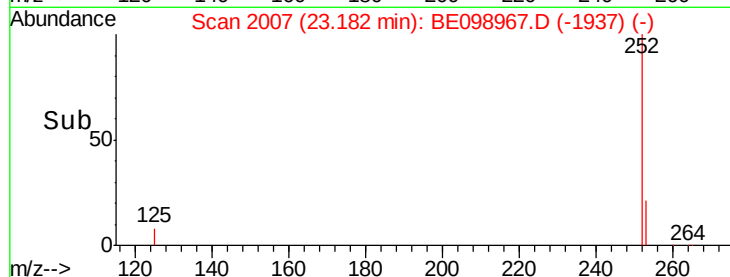
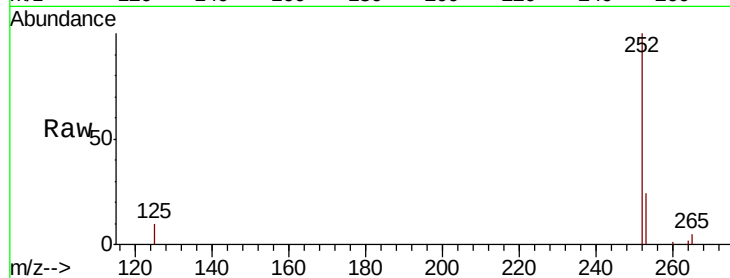
Tot Ion:252 Resp: 8557

Ion Ratio Lower Upper

252 100

253 24.0 18.2 27.2

125 9.5 7.3 10.9



#36

Benzo(k)fluoranthene

Concen: 0.417 ng

RT: 23.18 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

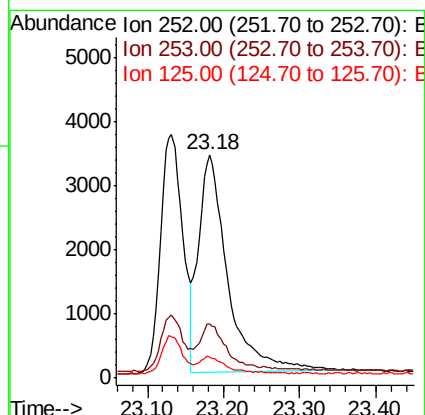
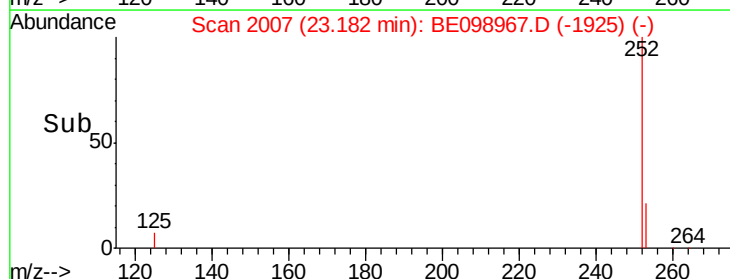
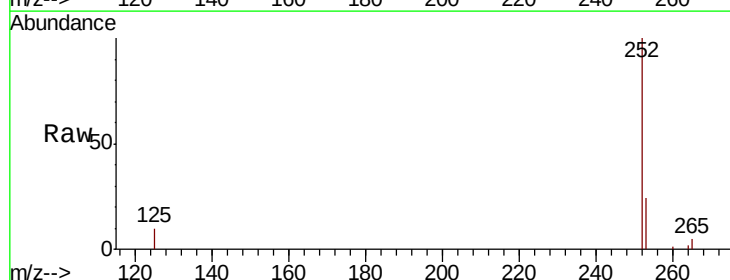
Tgt Ion:252 Resp: 9090

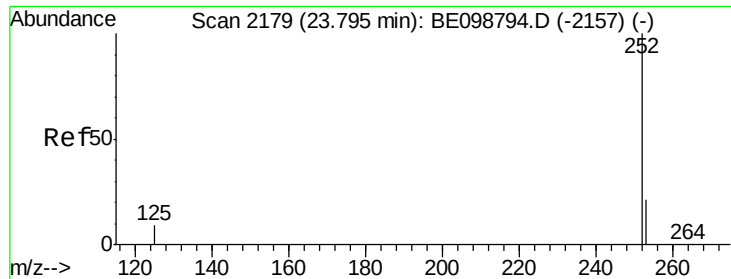
Ion Ratio Lower Upper

252 100

253 24.0 19.3 28.9

125 9.5 7.5 11.3

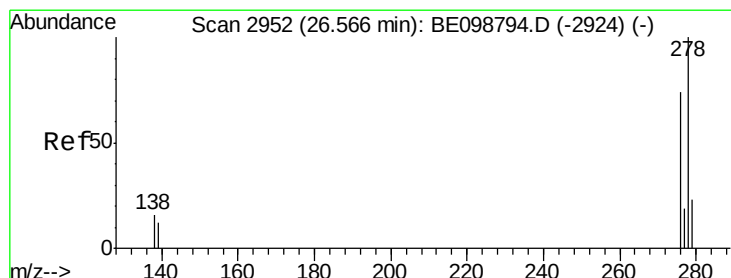
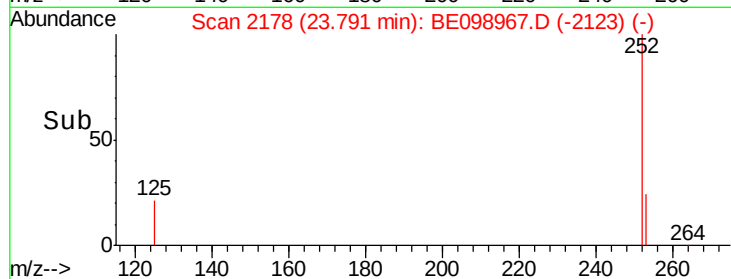
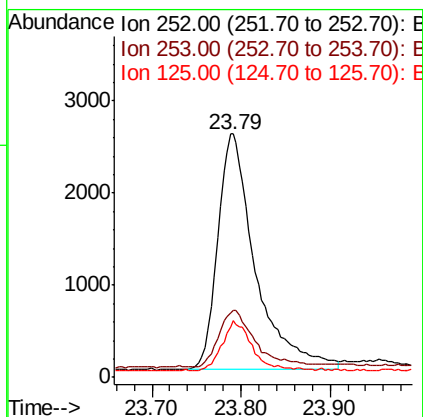
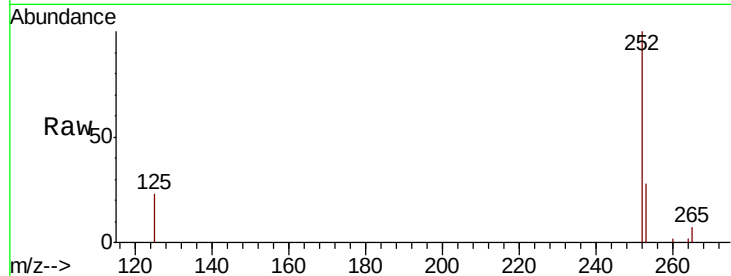




#37
Benzo(a)pyrene
Concen: 0.382 ng
RT: 23.79 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE098967.D
Acq: 15 Mar 2019 10:14

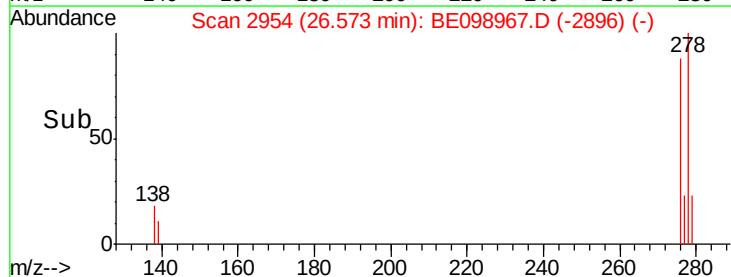
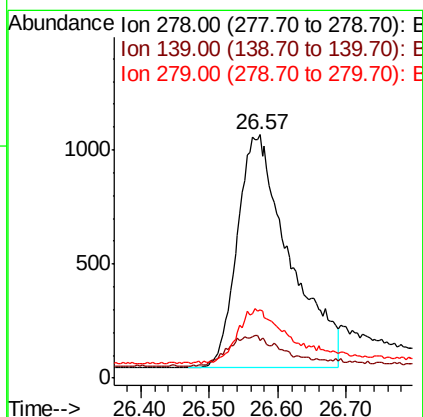
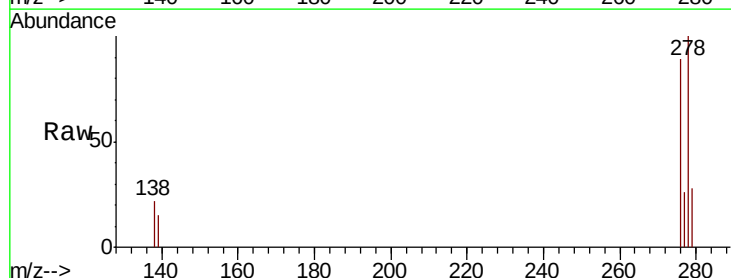
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

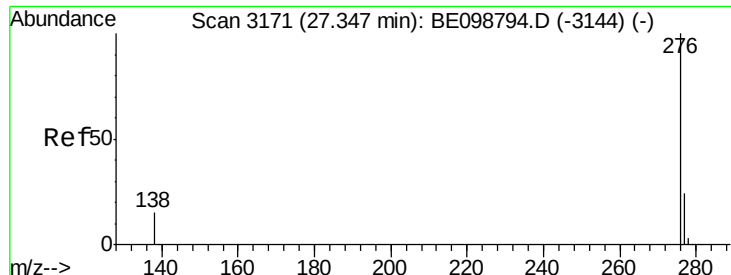
Tot Ion:252 Resp: 7622
Ion Ratio Lower Upper
252 100
253 27.5 19.9 29.9
125 23.2 9.0 13.4#



#38
Dibenzo(a,h)anthracene
Concen: 0.285 ng
RT: 26.57 min Scan# 2954
Delta R.T. 0.01 min
Lab File: BE098967.D
Acq: 15 Mar 2019 10:14

Tgt Ion:278 Resp: 5390
Ion Ratio Lower Upper
278 100
139 15.4 11.8 17.6
279 28.2 21.1 31.7





#39

Benzo(a,h,i)perylene

Concen: 0.344 ng

RT: 27.35 min Scan# 3172

Delta R.T. 0.00 min

Lab File: BE098967.D

Acq: 15 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

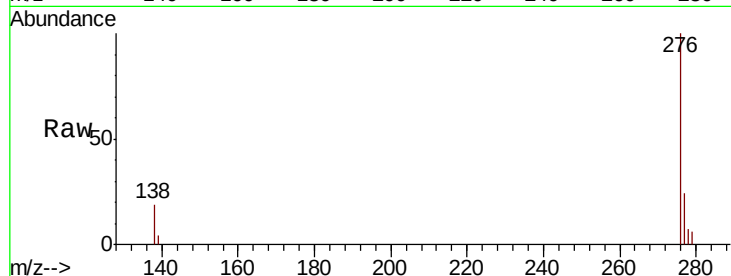
Tot Ion: 276 Resp: 6794

Ion Ratio Lower Upper

276 100

277 24.1 20.4 30.6

138 19.2 13.6 20.4



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

