

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030619\
 Data File : BE098809.D
 Acq On : 6 Mar 2019 21:55
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 07 01:47:49 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	756	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3198	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2101	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5646	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7802	0.40	ng	0.00
34) Perylene-d12	23.90	264	7550	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	888	0.39	ng	0.00
5) Phenol-d6	6.99	99	1337	0.42	ng	0.00
8) Nitrobenzene-d5	8.97	82	1275	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2383	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	450	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	3428	0.39	ng	0.00
25) Fluoranthene-d10	19.25	212	34415	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	7161	0.38	ng	0.00

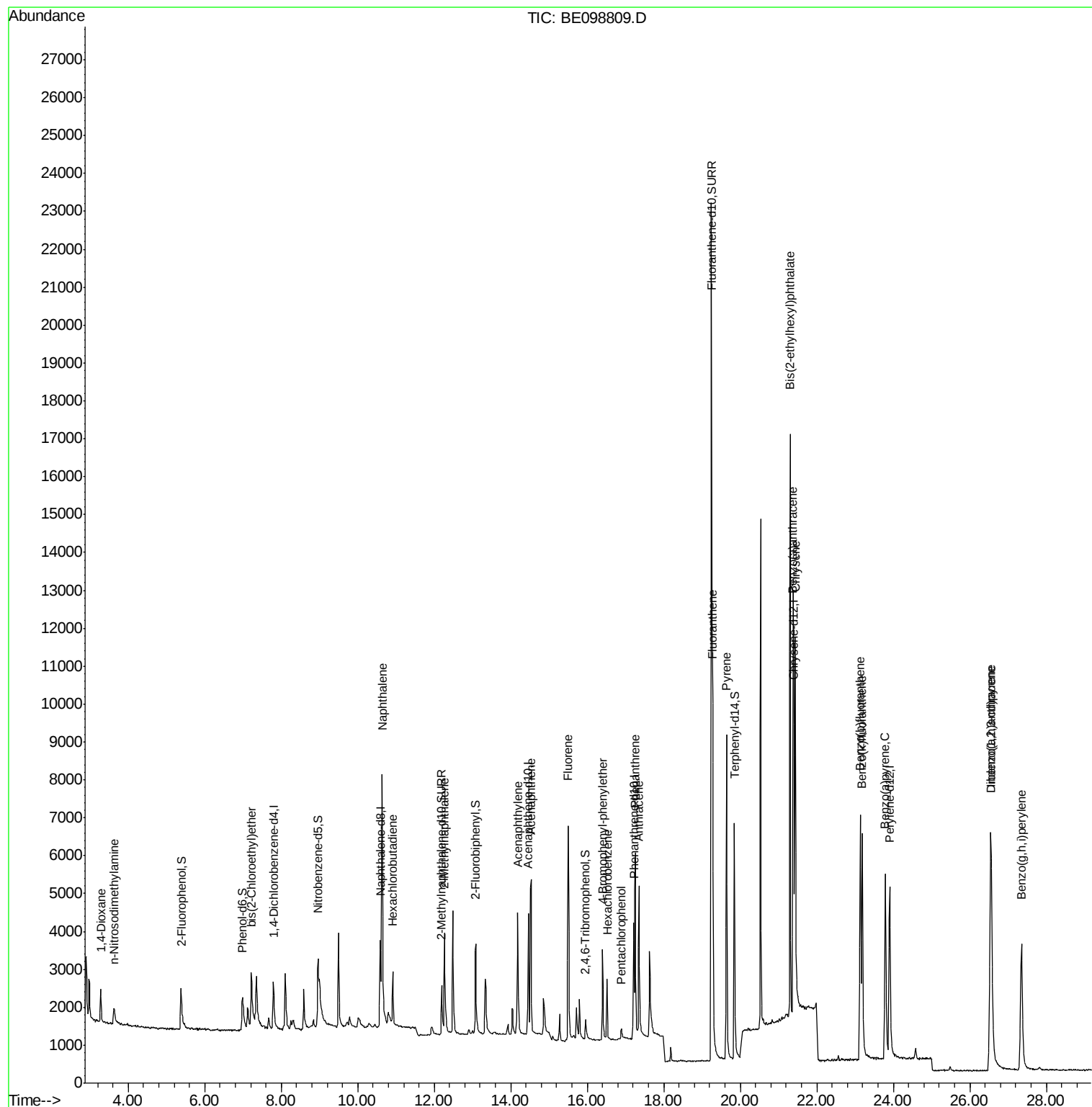
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	573	0.388	ng	96
3) n-Nitrosodimethylamine	3.62	42	642	0.338	ng	# 97
6) bis(2-Chloroethyl)ether	7.22	93	878	0.356	ng	# 86
9) Naphthalene	10.64	128	14522	0.396	ng	100
10) Hexachlorobutadiene	10.91	225	950	0.392	ng	99
12) 2-Methylnaphthalene	12.27	142	2260	0.380	ng	98
16) Acenaphthylene	14.18	152	4196	0.388	ng	97
17) Acenaphthene	14.53	154	2597	0.405	ng	99
18) Fluorene	15.50	166	3601	0.390	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1168	0.382	ng	96
21) Hexachlorobenzene	16.52	284	1439	0.396	ng	97
22) Pentachlorophenol	16.89	266	276	0.487	ng	98
23) Phenanthrene	17.26	178	6166	0.384	ng	99
24) Anthracene	17.35	178	5102	0.372	ng	100
26) Fluoranthene	19.28	202	8677	0.383	ng	100
28) Pyrene	19.64	202	8982	0.376	ng	100
30) Benzo(a)anthracene	21.38	228	9382	0.385	ng	99
31) Chrysene	21.44	228	9985	0.383	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	18763	0.362	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	11137	0.405	ng	99
35) Benzo(b)fluoranthene	23.13	252	9446	0.380	ng	97
36) Benzo(k)fluoranthene	23.19	252	9991	0.384	ng	98
37) Benzo(a)pyrene	23.79	252	9203	0.387	ng	98
38) Dibenzo(a,h)anthracene	26.56	278	8809	0.391	ng	98
39) Benzo(g,h,i)perylene	27.35	276	9151	0.389	ng	99

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

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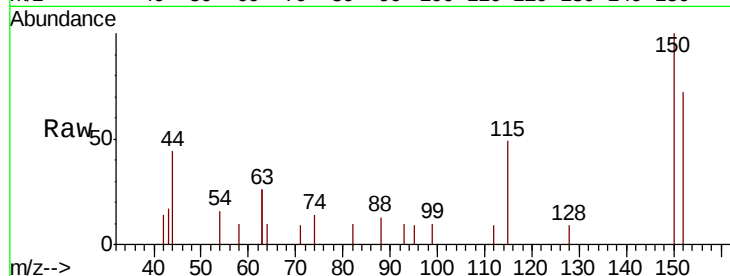


#1

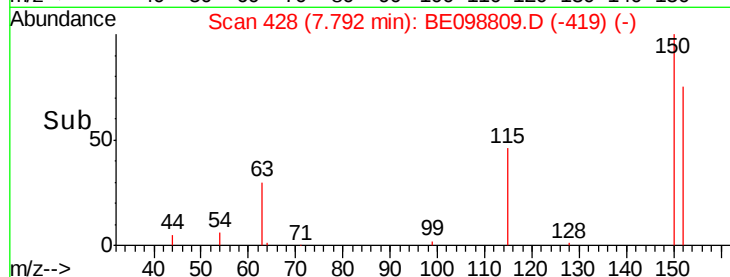
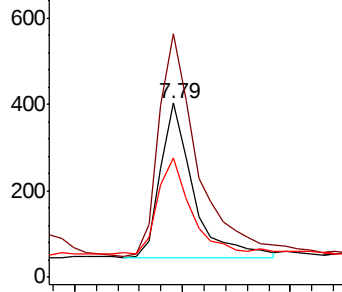
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 756
Ion Ratio Lower Upper
152 100
150 139.7 122.5 183.7
115 68.2 57.4 86.2



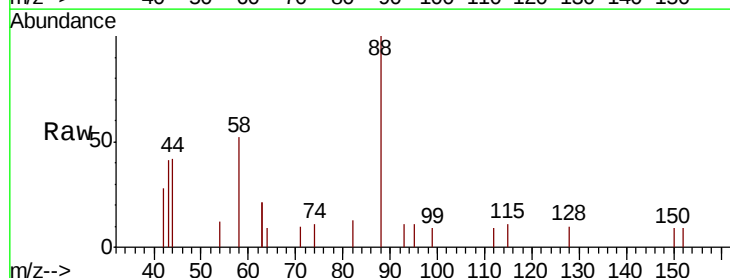
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



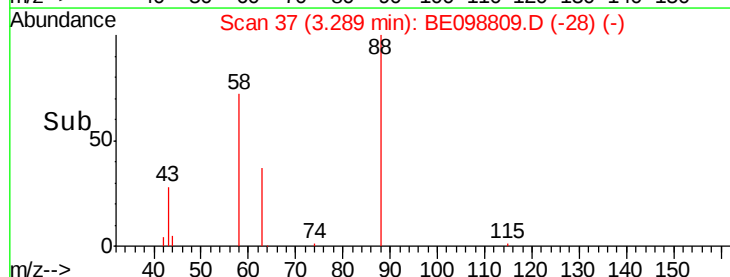
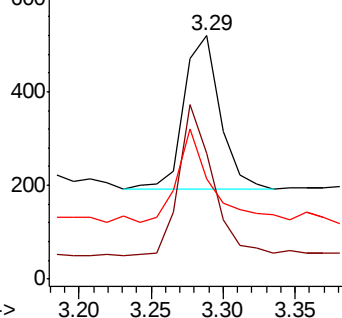
#2

1,4-Dioxane
Concen: 0.388 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion: 88 Resp: 573
Ion Ratio Lower Upper
88 100
58 93.4 75.8 113.6
43 58.8 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



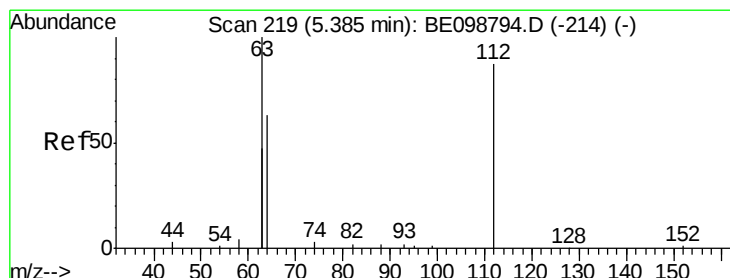
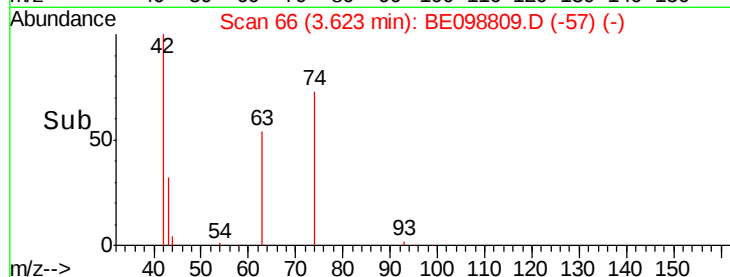
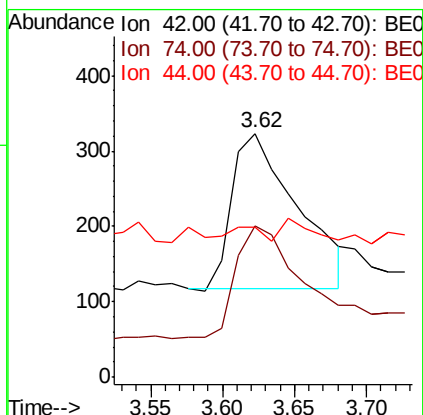
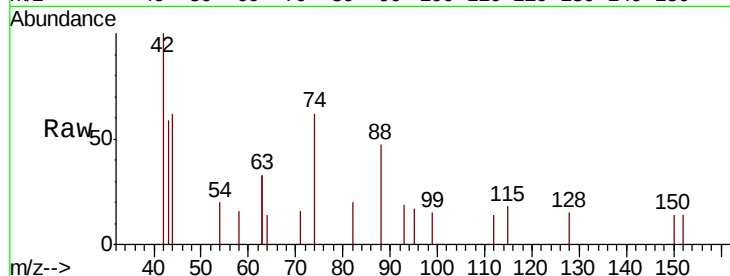


#3

n-Nitrosodimethylamine
 Concen: 0.338 ng
 RT: 3.62 min Scan# 66
 Delta R.T. -0.00 min
 Lab File: BE098809.D
 Acq: 6 Mar 2019 21:55

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

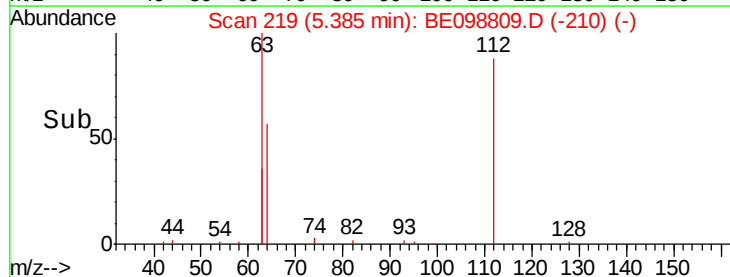
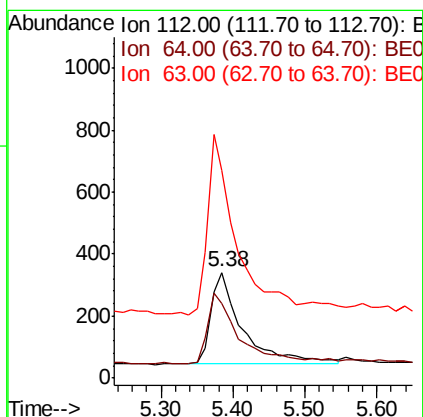
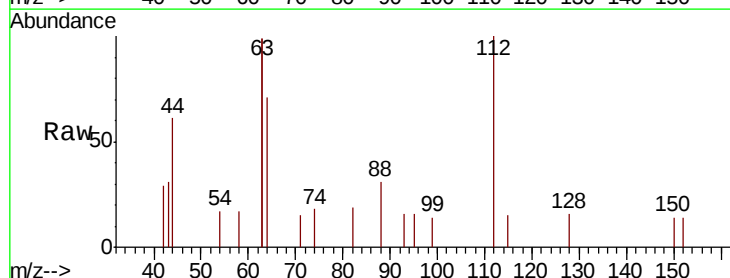
Tot Ion: 42 Resp: 642
 Ion Ratio Lower Upper
 42 100
 74 74.0 57.0 85.4
 44 5.1 0.0 0.0#

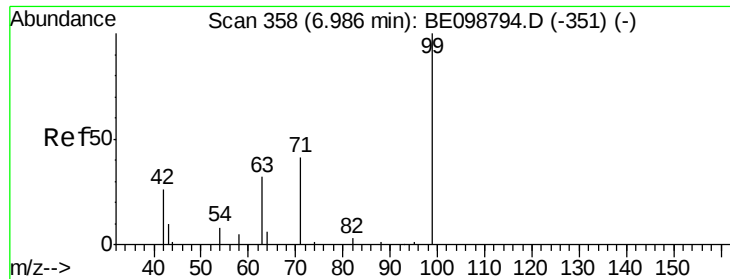


#4

2-Fluorophenol
 Concen: 0.393 ng
 RT: 5.38 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: BE098809.D
 Acq: 6 Mar 2019 21:55

Tgt Ion: 112 Resp: 888
 Ion Ratio Lower Upper
 112 100
 64 80.0 57.9 86.9
 63 181.3 158.3 237.5





#5

Phenol-d6

Concen: 0.419 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

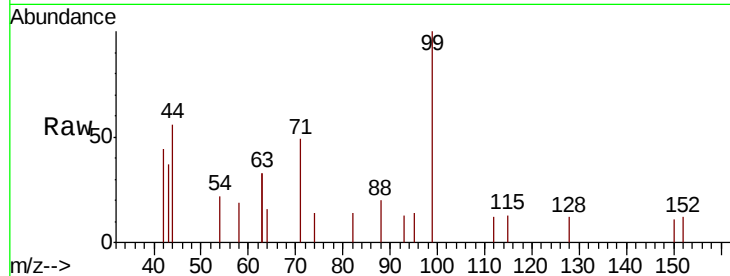
Tot Ion: 99 Resp: 1337

Ion Ratio Lower Upper

99 100

42 30.2 24.2 36.2

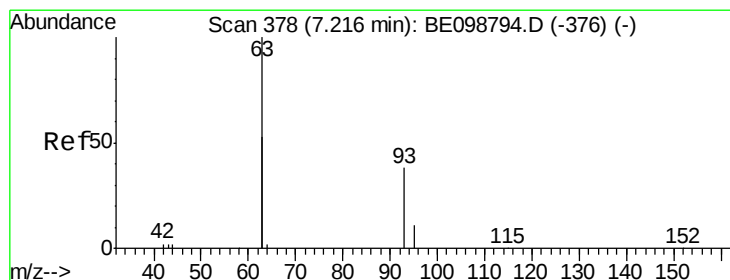
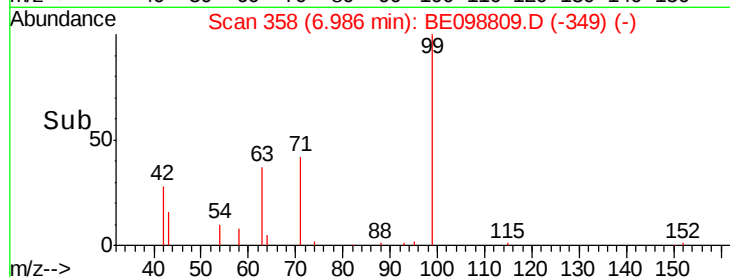
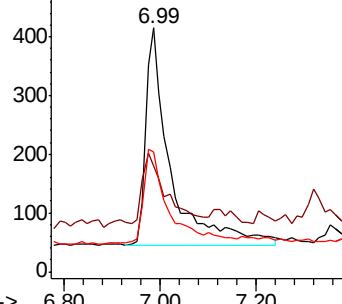
71 42.5 35.7 53.5



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: 0.356 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

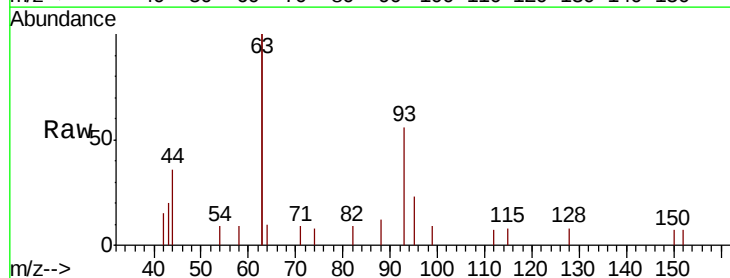
Tgt Ion: 93 Resp: 878

Ion Ratio Lower Upper

93 100

63 337.0 247.5 371.3

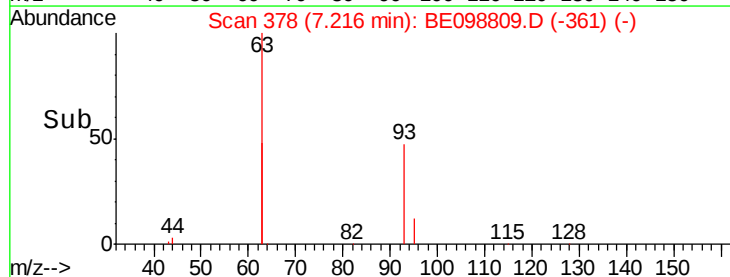
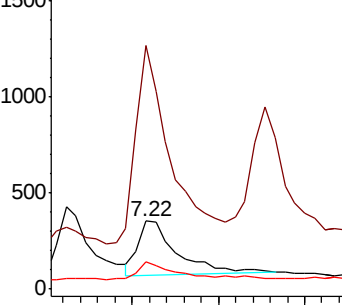
95 35.0 21.8 32.8#



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# 649

Delta R.T. 0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 3198

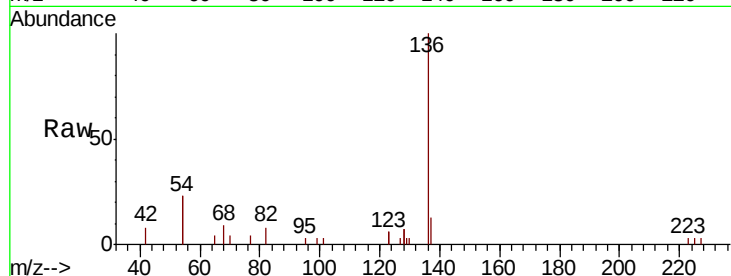
Ion Ratio Lower Upper

136 100

137 13.5 11.4 17.0

54 46.7 39.3 58.9

68 8.9 6.7 10.1

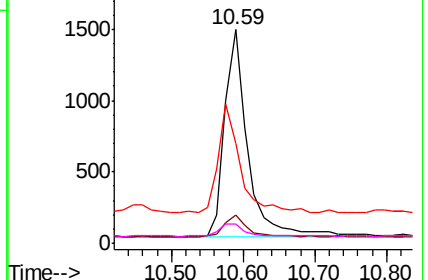
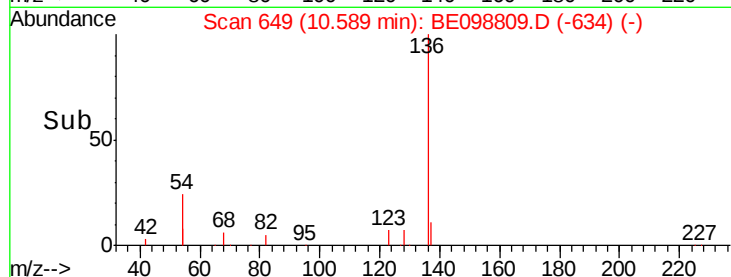


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.380 ng

RT: 8.97 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

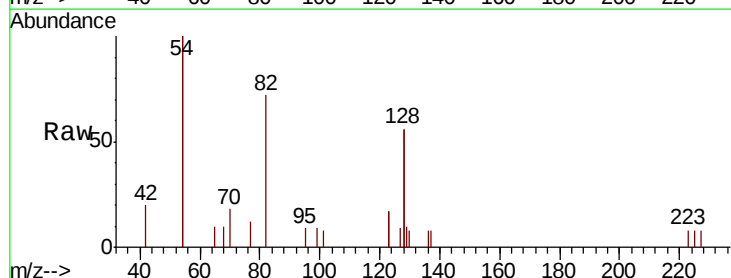
Tgt Ion: 82 Resp: 1275

Ion Ratio Lower Upper

82 100

128 156.8 123.8 185.8

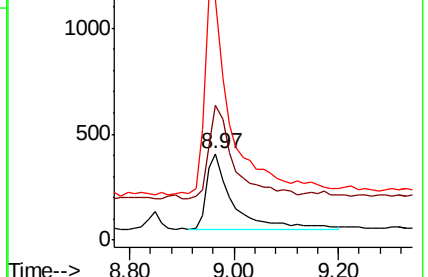
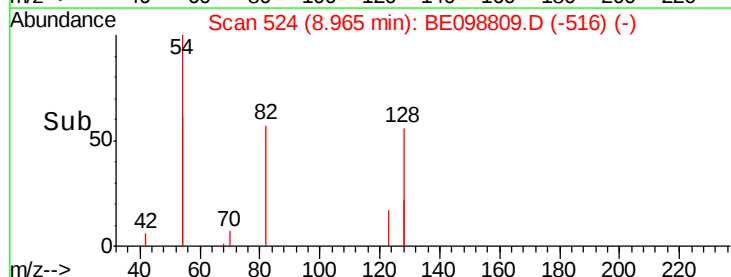
54 279.6 203.4 305.2



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: 0.396 ng

RT: 10.64 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

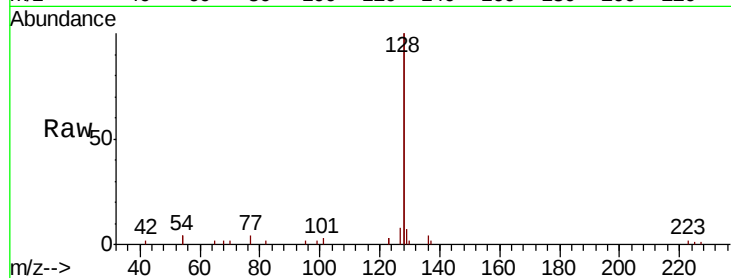
Tot Ion:128 Resp: 14522

Ion Ratio Lower Upper

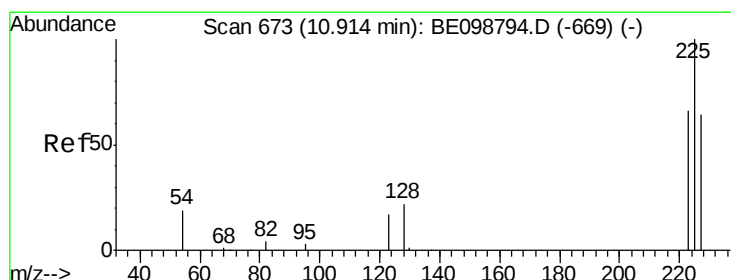
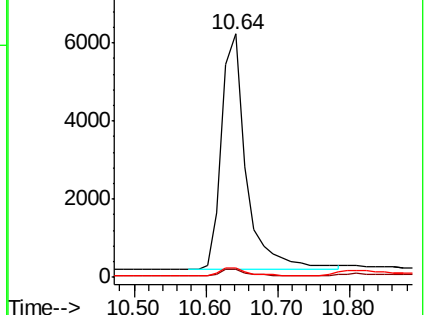
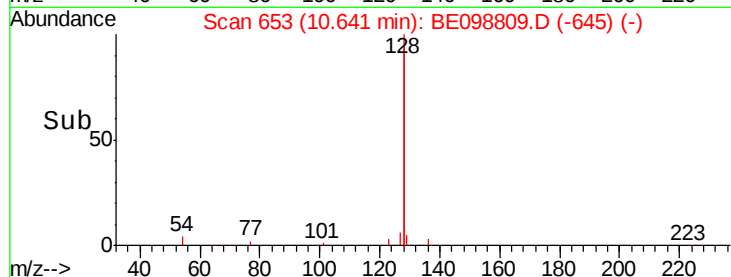
128 100

129 3.5 2.6 4.0

127 3.9 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: 0.392 ng

RT: 10.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

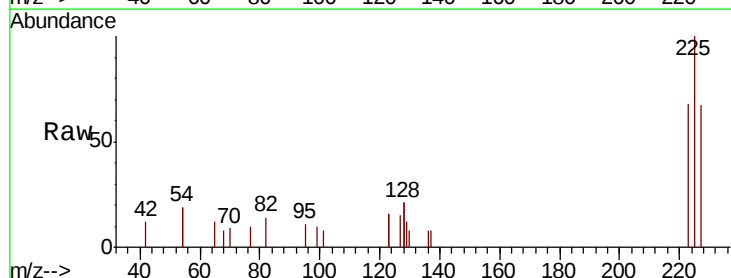
Tgt Ion:225 Resp: 950

Ion Ratio Lower Upper

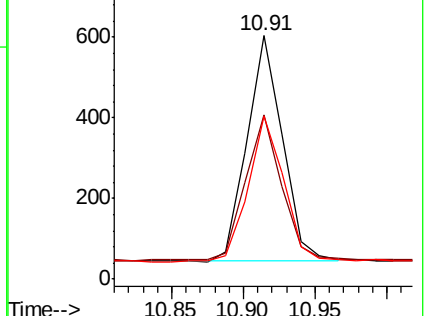
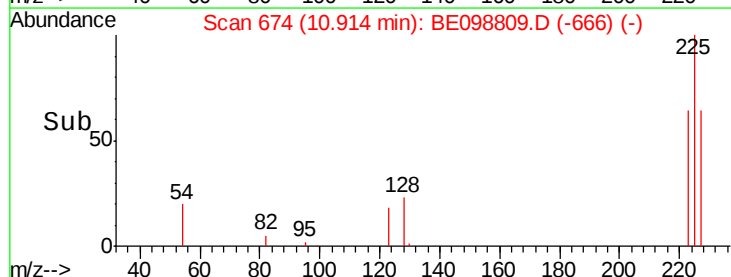
225 100

223 65.3 51.1 76.7

227 65.4 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: 0.403 ng

RT: 12.19 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

Instrument :

BNA_E

ClientSampleId :

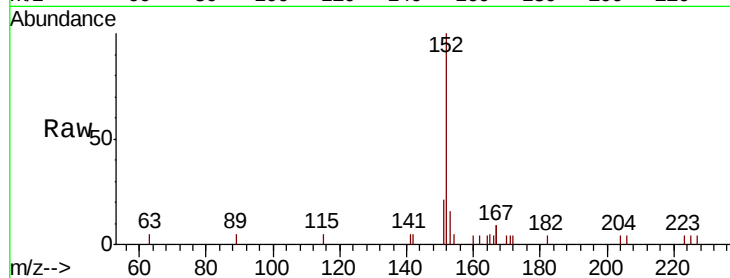
SSTDCCC0.4EC

Tot Ion:152 Resp: 2383

Ion Ratio Lower Upper

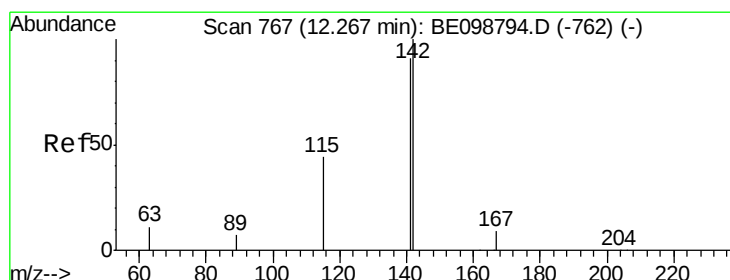
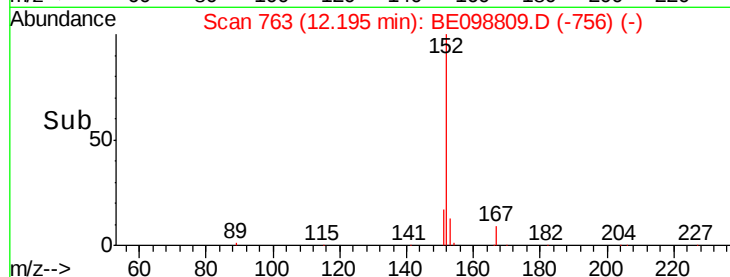
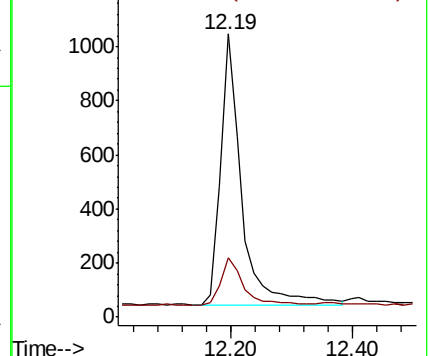
152 100

151 19.0 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.380 ng

RT: 12.27 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

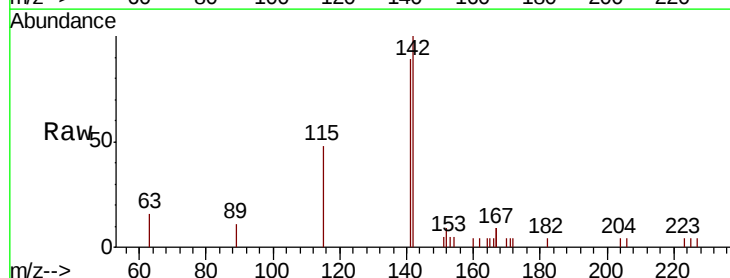
Tgt Ion:142 Resp: 2260

Ion Ratio Lower Upper

142 100

141 89.2 72.6 108.8

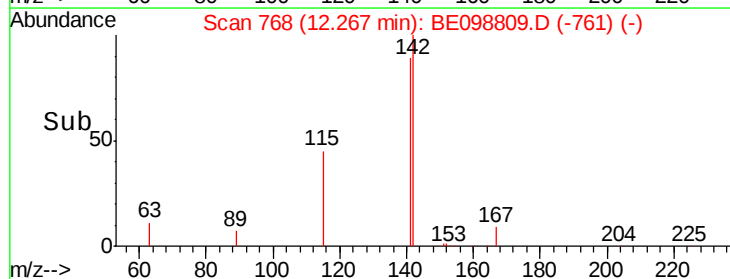
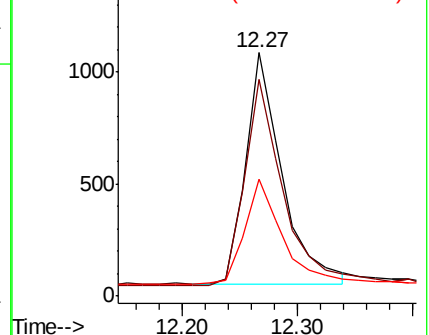
115 47.9 37.4 56.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

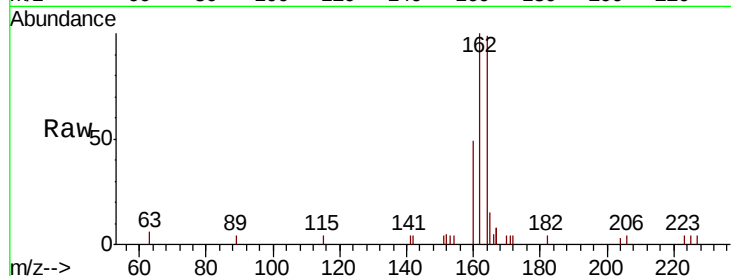
Tot Ion:164 Resp: 2101

Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

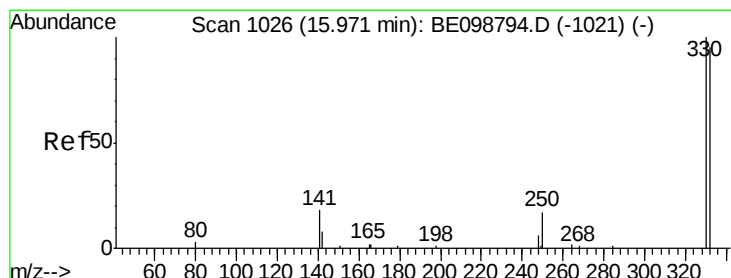
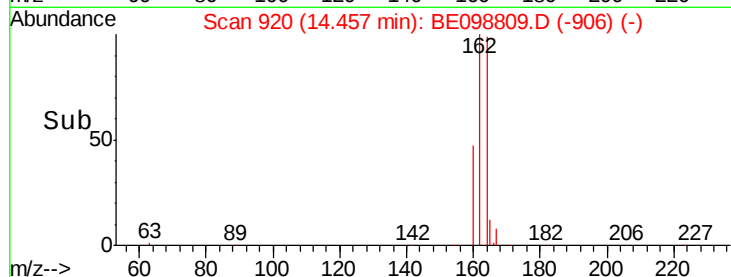
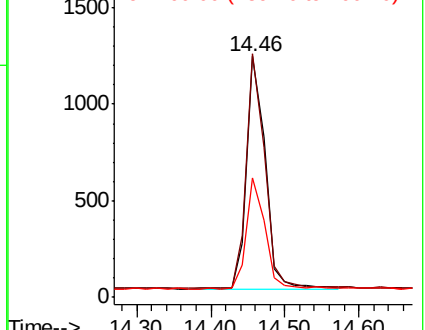
160 49.9 37.8 56.8



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: 0.424 ng

RT: 15.96 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

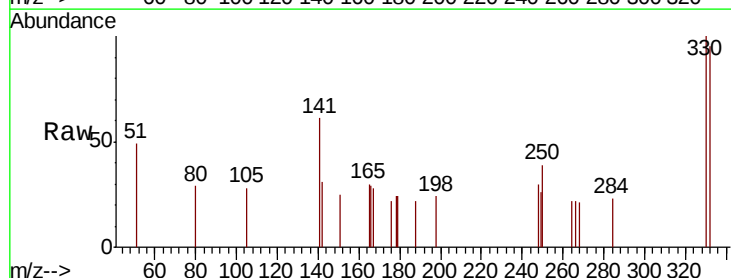
Tgt Ion:330 Resp: 450

Ion Ratio Lower Upper

330 100

332 86.2 77.6 116.4

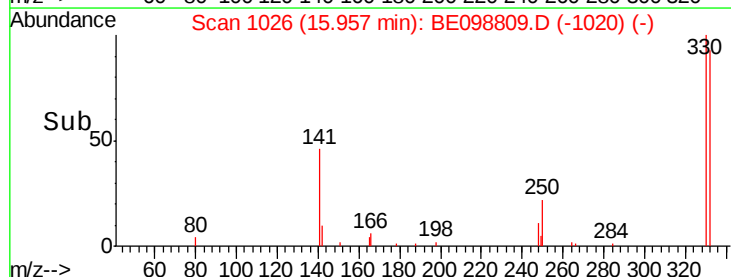
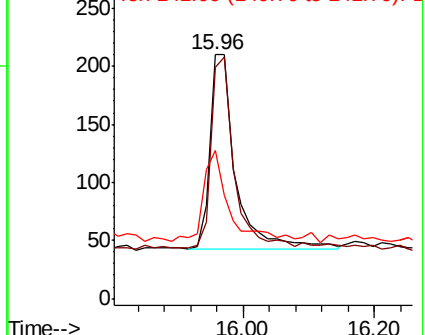
141 40.9 31.0 46.4

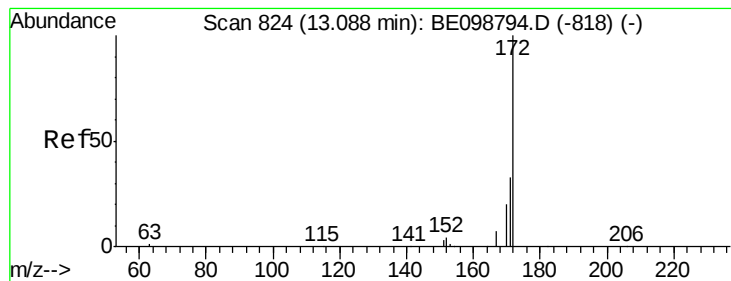


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.394 ng

RT: 13.09 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

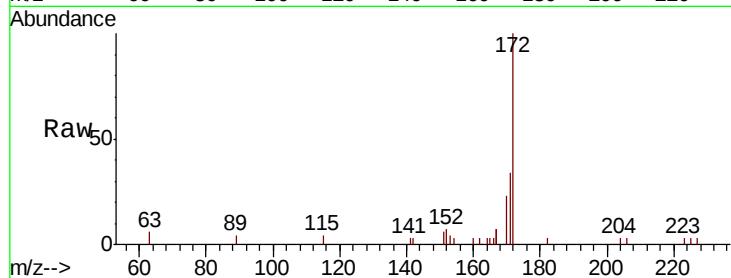
Tot Ion:172 Resp: 3428

Ion Ratio Lower Upper

172 100

171 33.8 28.0 42.0

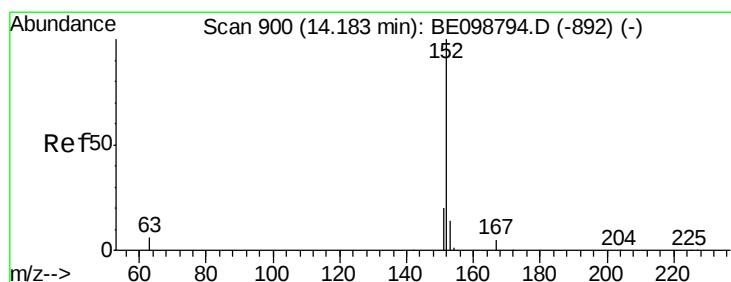
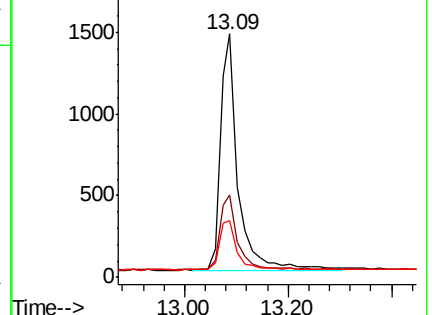
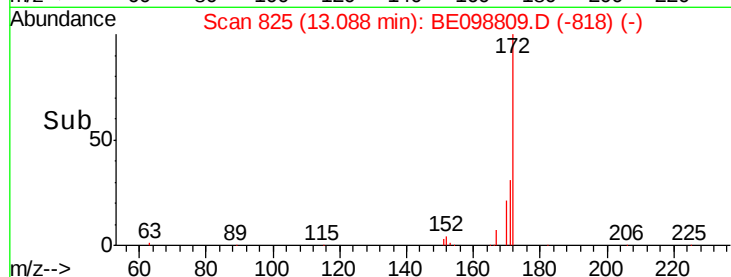
170 23.2 17.7 26.5



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: 0.388 ng

RT: 14.18 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

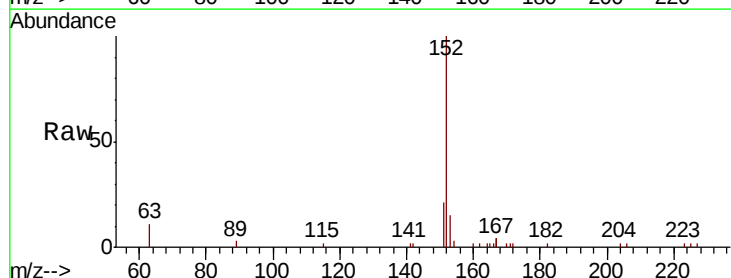
Tgt Ion:152 Resp: 4196

Ion Ratio Lower Upper

152 100

151 19.8 17.0 25.6

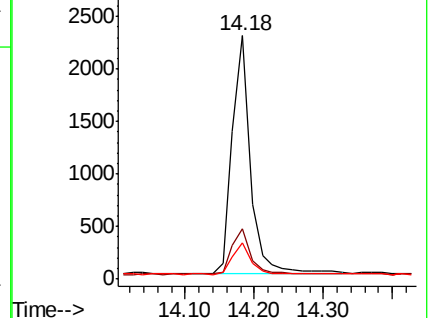
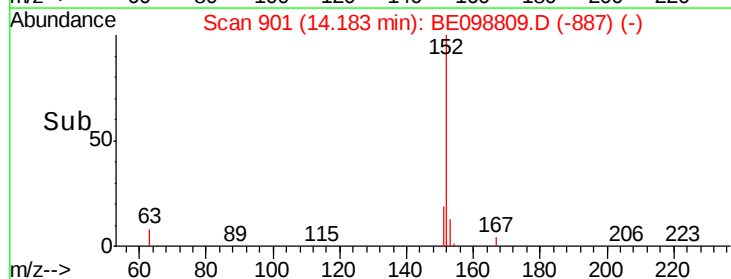
153 13.0 11.2 16.8

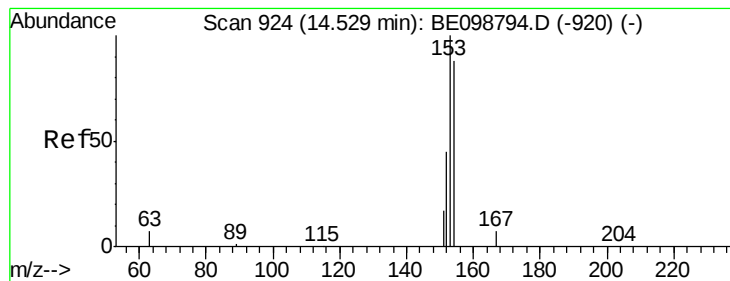


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.405 ng

RT: 14.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

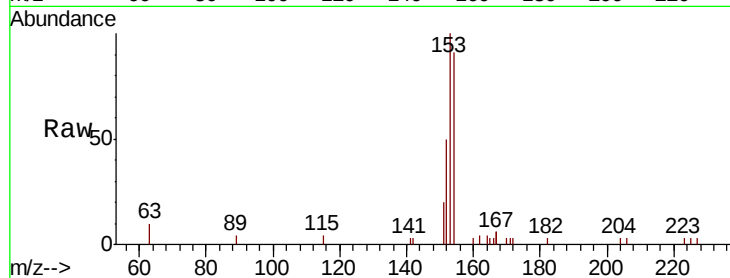
Tot Ion:154 Resp: 2597

Ion Ratio Lower Upper

154 100

153 116.2 94.2 141.4

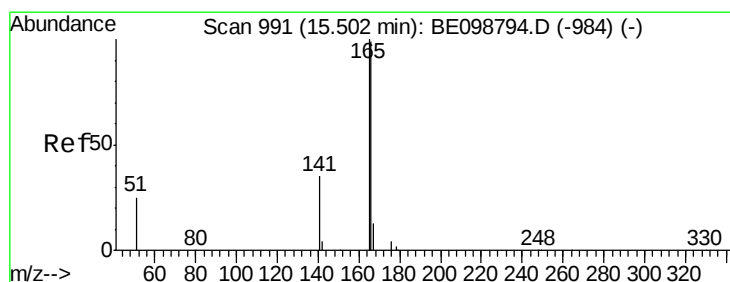
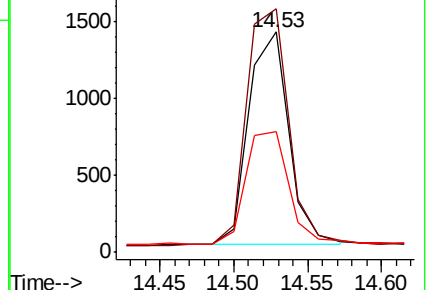
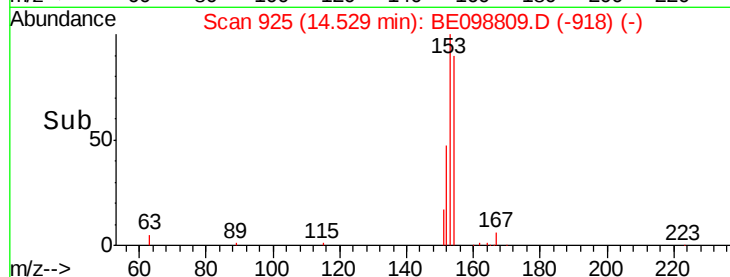
152 57.1 45.0 67.4



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: 0.390 ng

RT: 15.50 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

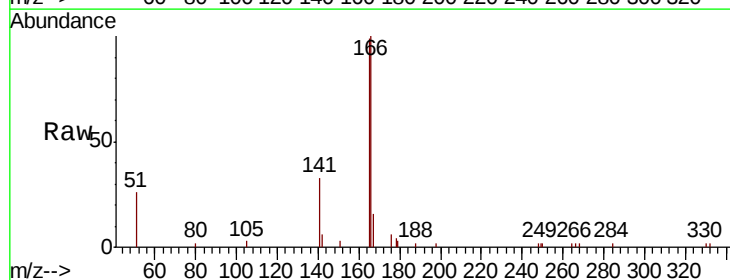
Tgt Ion:166 Resp: 3601

Ion Ratio Lower Upper

166 100

165 97.7 79.3 118.9

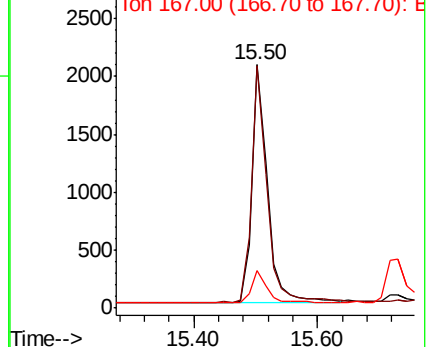
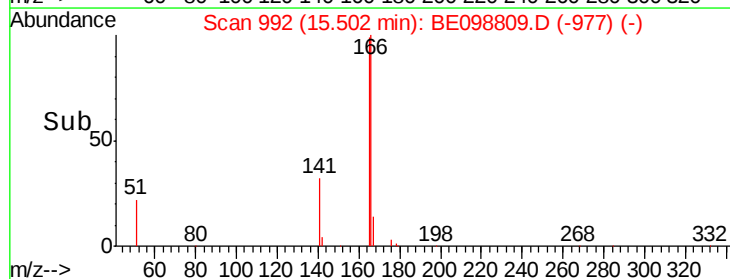
167 13.7 10.5 15.7

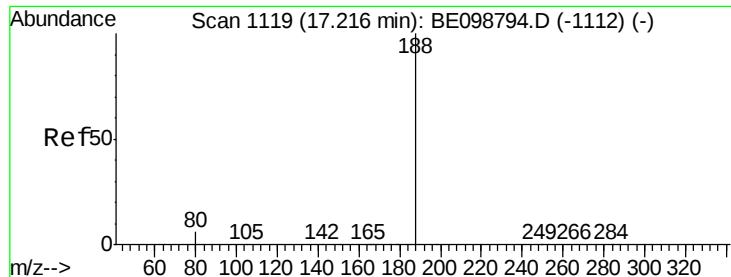


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1120

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

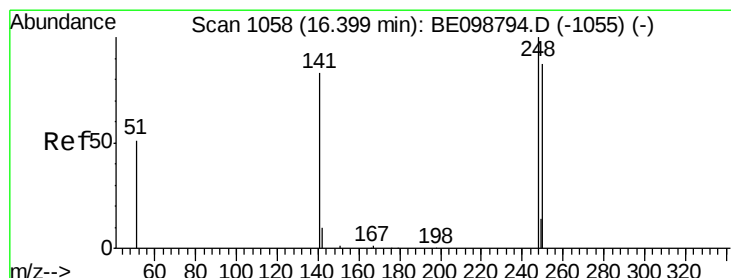
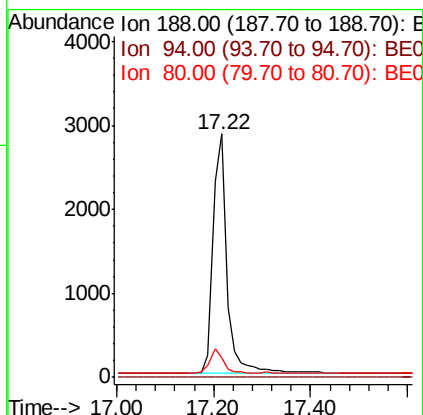
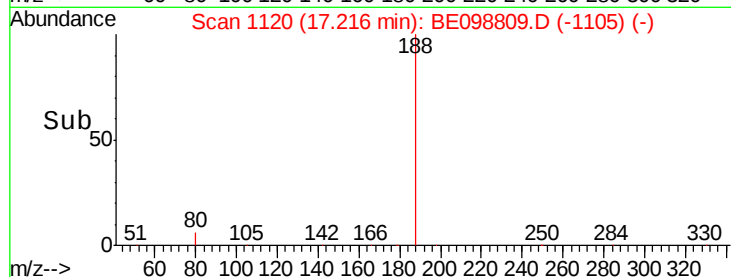
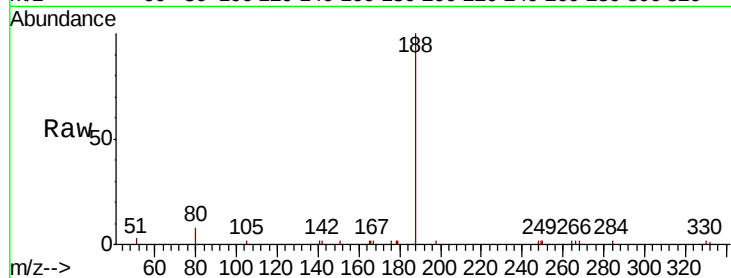
Tot Ion:188 Resp: 5646

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.0 6.3 9.5



#20

4-Bromophenyl-phenylether

Concen: 0.382 ng

RT: 16.40 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

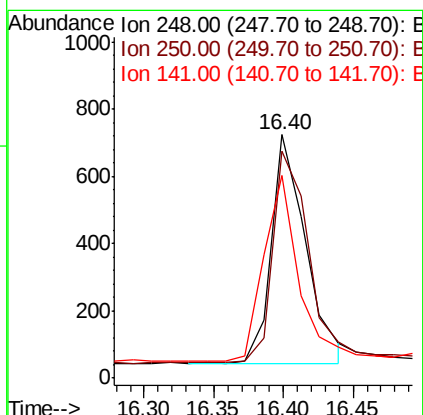
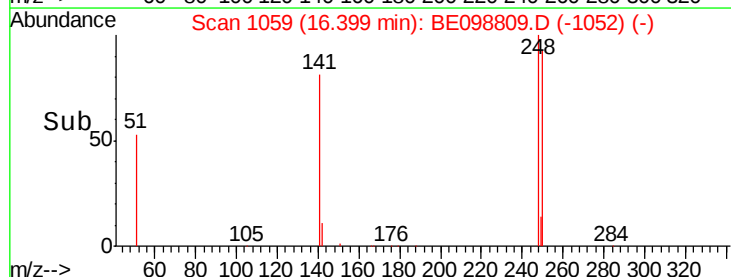
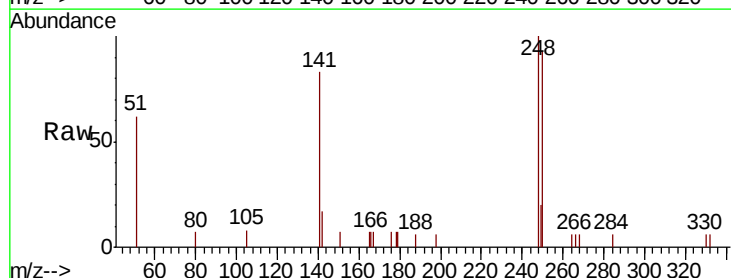
Tgt Ion:248 Resp: 1168

Ion Ratio Lower Upper

248 100

250 93.1 70.6 105.8

141 83.4 68.6 102.8





#21

Hexachlorobenzene

Concen: 0.396 ng

RT: 16.52 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

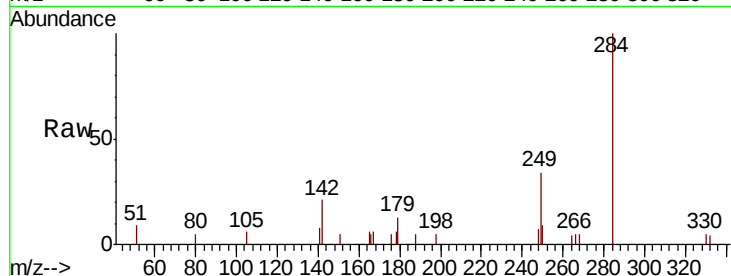
Tot Ion:284 Resp: 1439

Ion Ratio Lower Upper

284 100

142 34.3 28.7 43.1

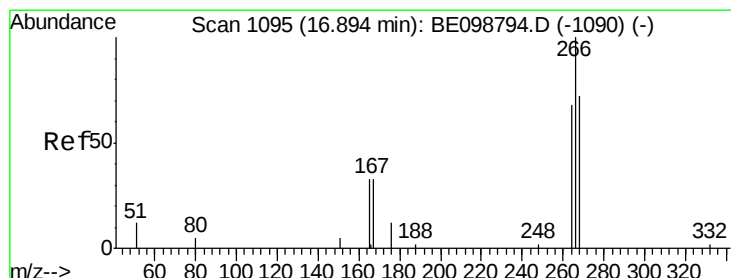
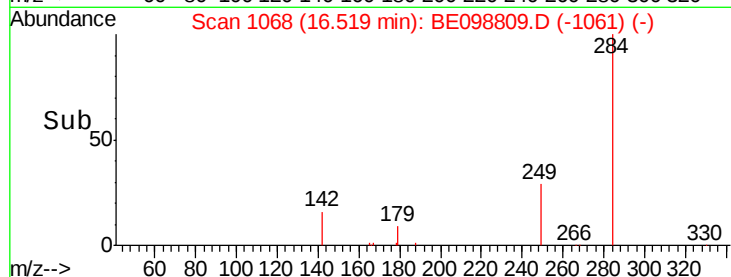
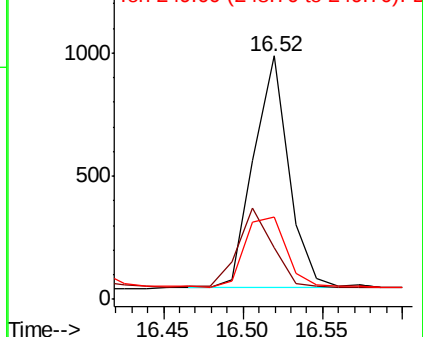
249 34.9 29.6 44.4



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: 0.487 ng

RT: 16.89 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

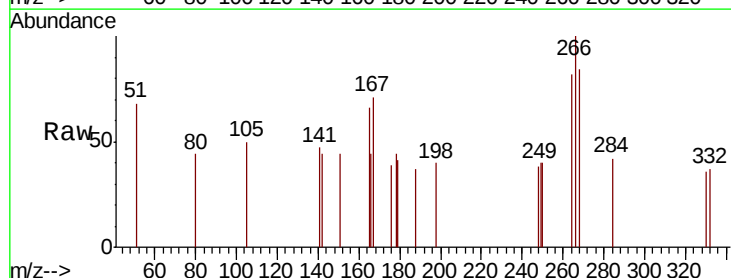
Tgt Ion:266 Resp: 276

Ion Ratio Lower Upper

266 100

264 81.8 66.6 100.0

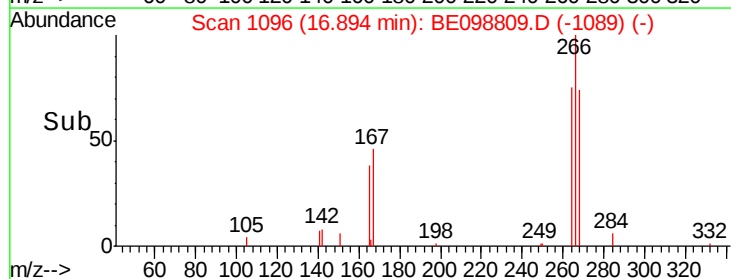
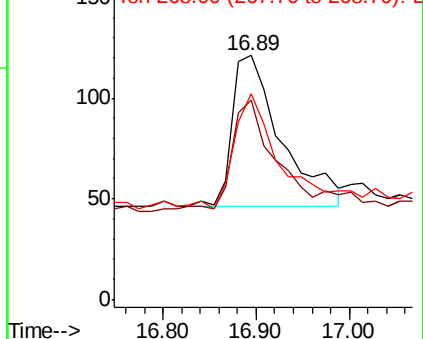
268 84.3 69.8 104.8

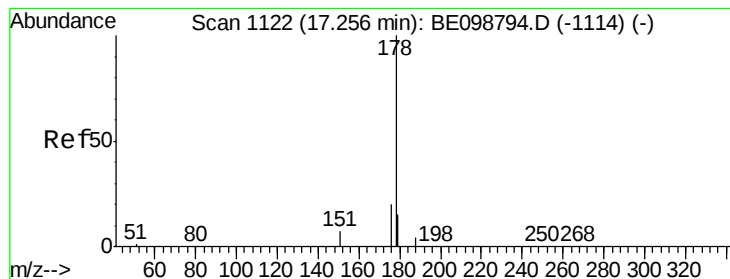


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.384 ng

RT: 17.26 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

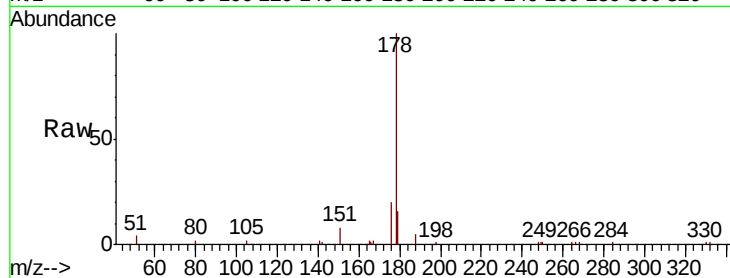
Tot Ion:178 Resp: 6166

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

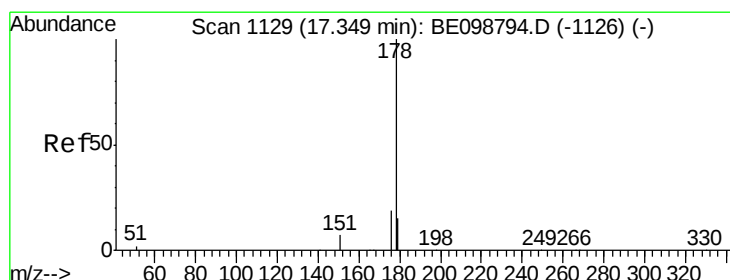
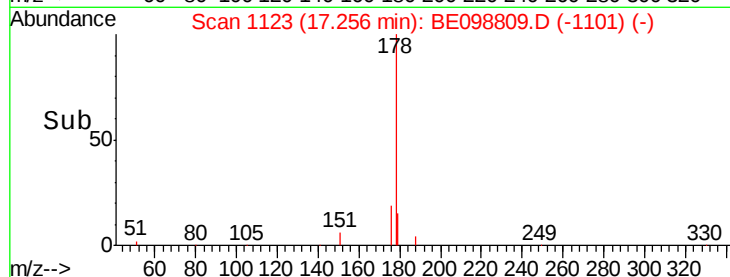
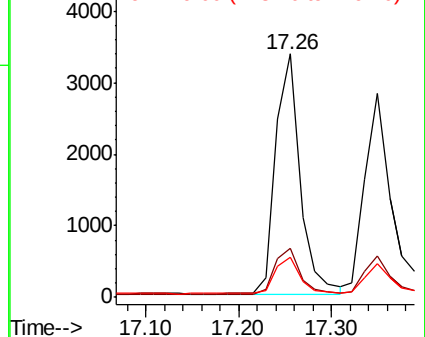
179 15.8 12.1 18.1



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: 0.372 ng

RT: 17.35 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

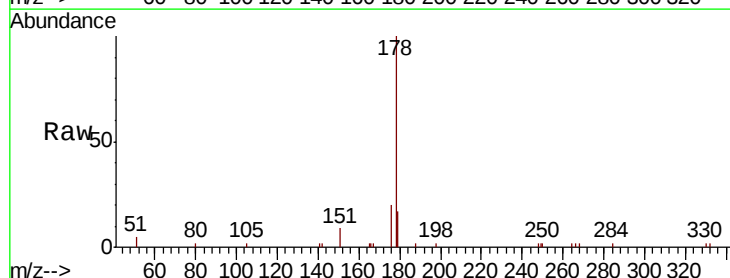
Tgt Ion:178 Resp: 5102

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

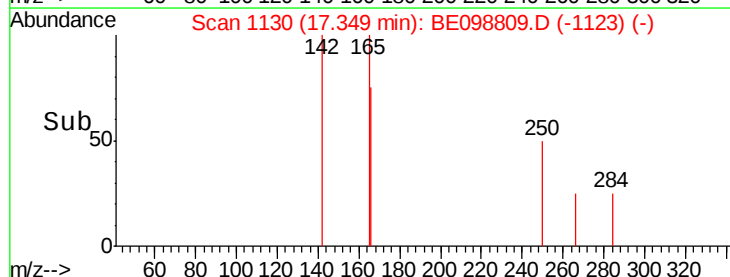
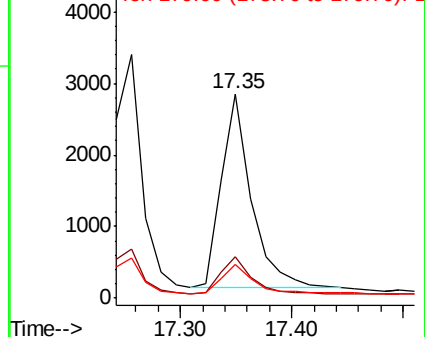
179 15.2 12.2 18.4

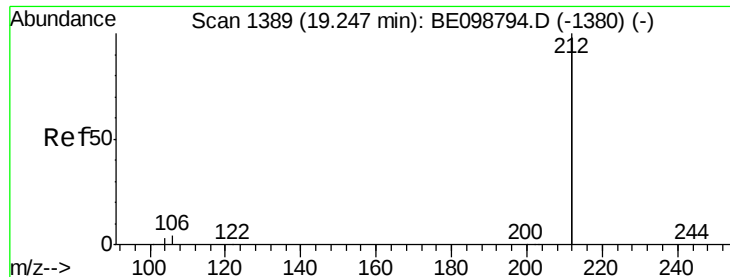


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.382 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

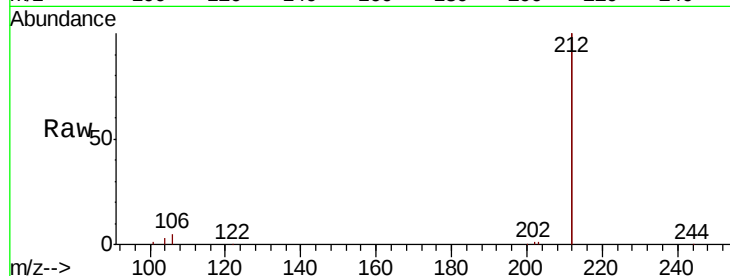
Tot Ion:212 Resp: 34415

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

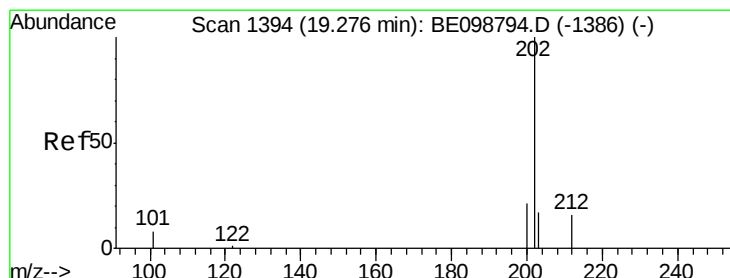
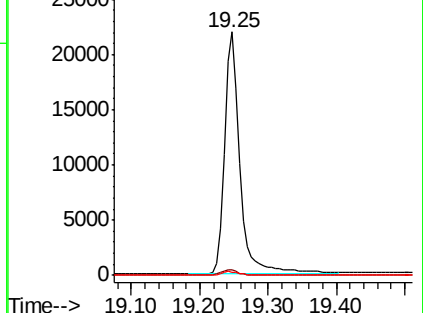
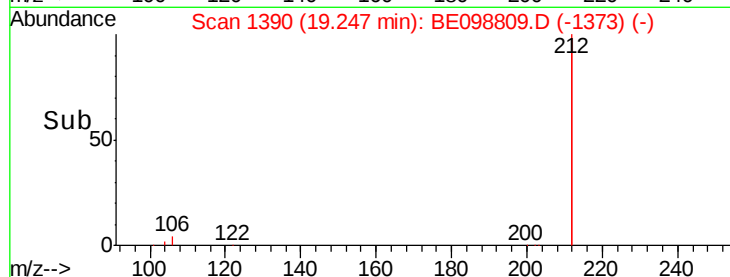
104 1.4 1.0 1.6



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: 0.383 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

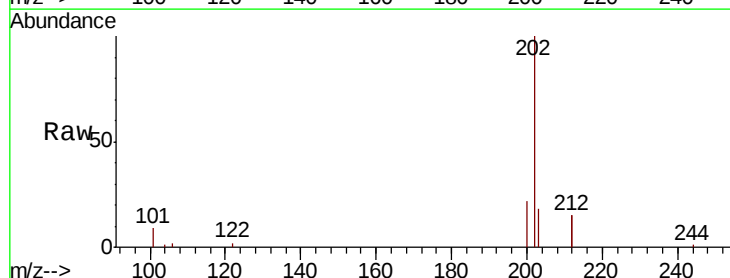
Tgt Ion:202 Resp: 8677

Ion Ratio Lower Upper

202 100

101 9.0 7.3 10.9

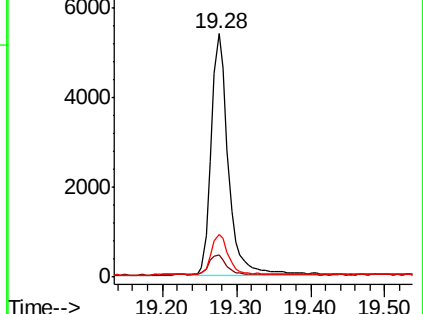
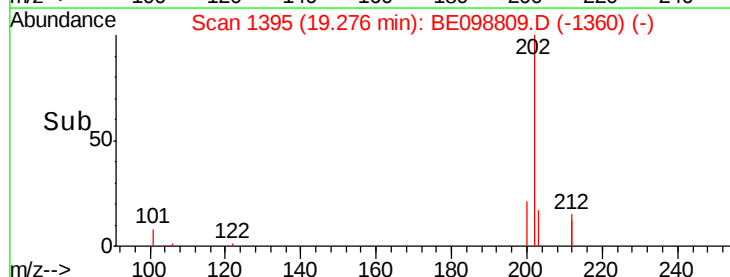
203 16.9 13.4 20.2



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: 21.40 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

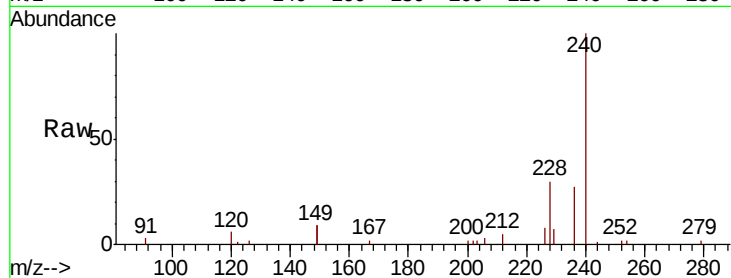
Tot Ion:240 Resp: 7802

Ion Ratio Lower Upper

240 100

120 5.6 5.0 7.4

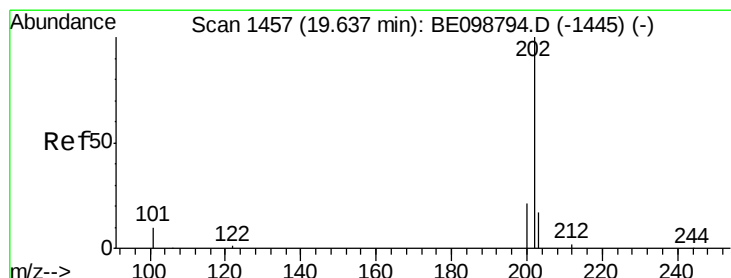
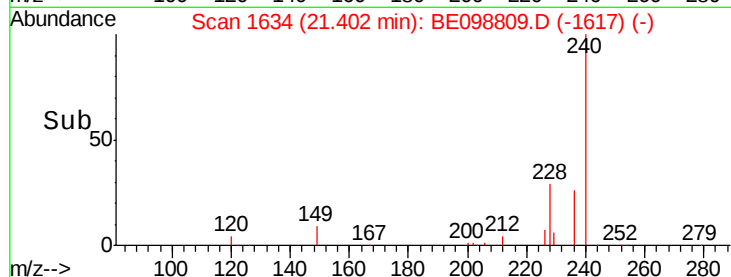
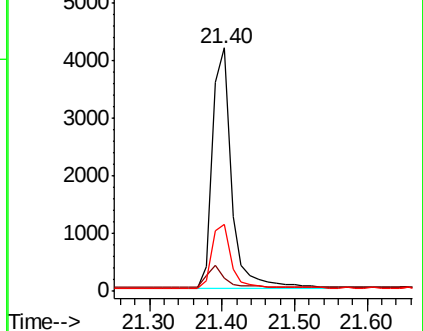
236 27.5 22.7 34.1



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: 0.376 ng

RT: 19.64 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

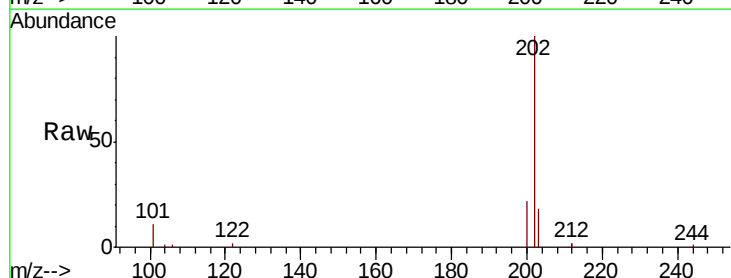
Tgt Ion:202 Resp: 8982

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

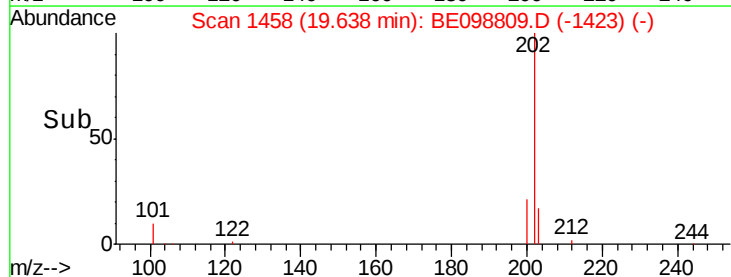
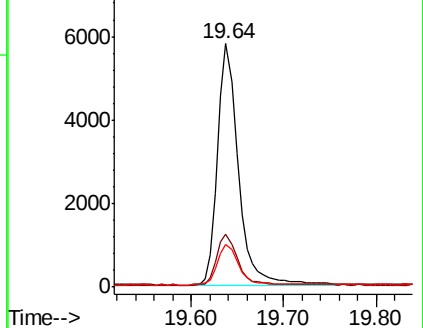
203 17.8 14.2 21.2

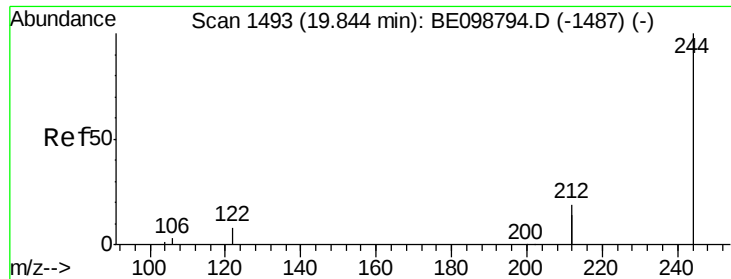


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.378 ng

RT: 19.84 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

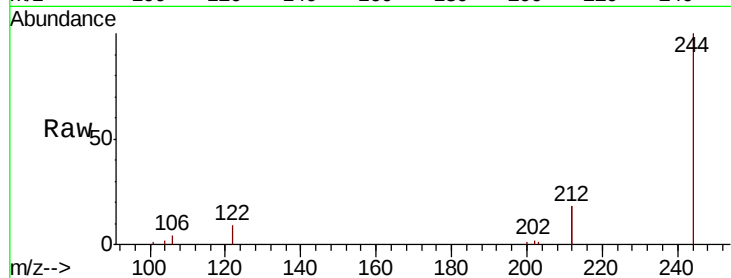
Tot Ion:244 Resp: 7161

Ion Ratio Lower Upper

244 100

212 35.7 29.4 44.2

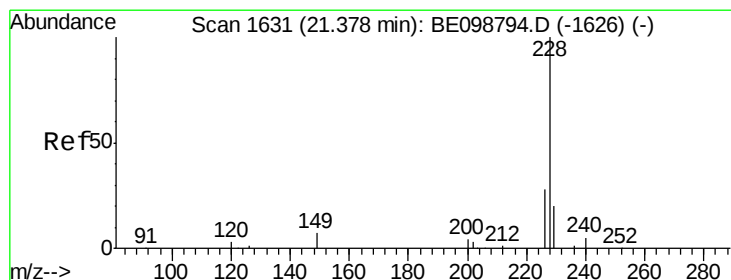
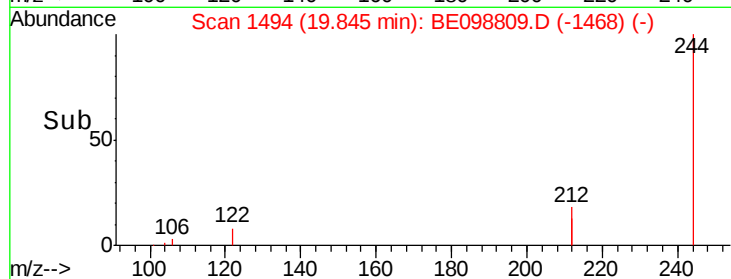
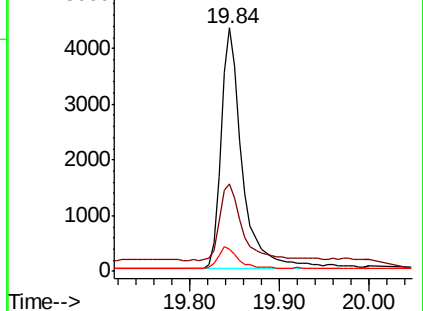
122 9.1 7.1 10.7



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: 0.385 ng

RT: 21.38 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

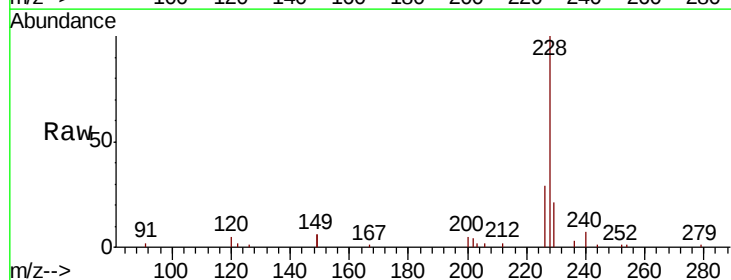
Tgt Ion:228 Resp: 9382

Ion Ratio Lower Upper

228 100

226 29.3 23.0 34.4

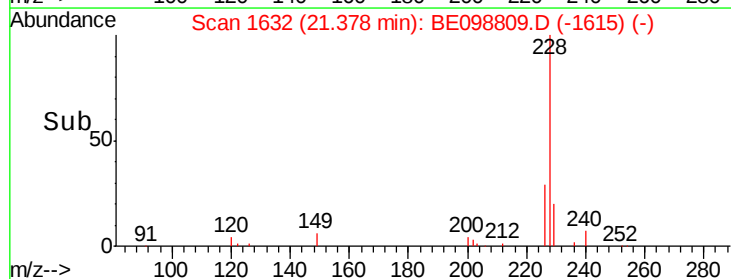
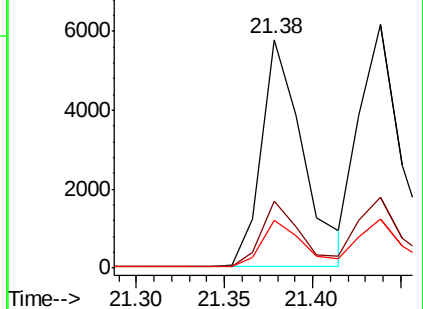
229 20.7 16.5 24.7

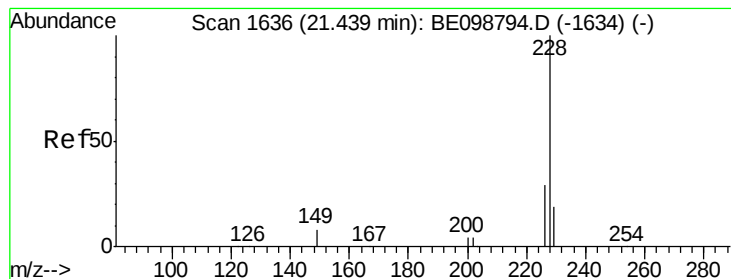


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.383 ng

RT: 21.44 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

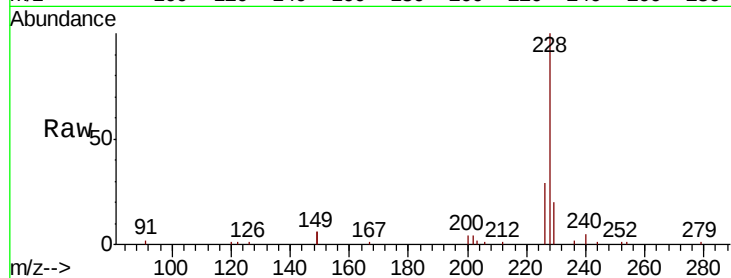
Tot Ion:228 Resp: 9985

Ion Ratio Lower Upper

228 100

226 29.3 23.7 35.5

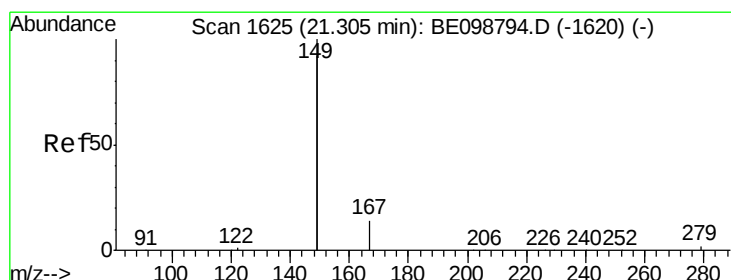
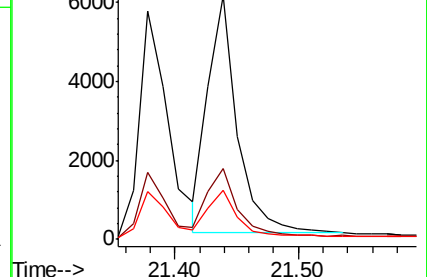
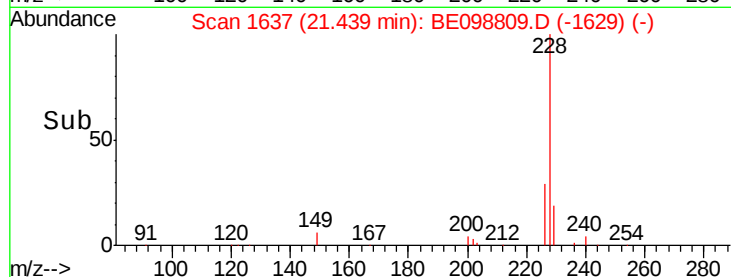
229 19.9 16.1 24.1



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: 0.362 ng

RT: 21.31 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

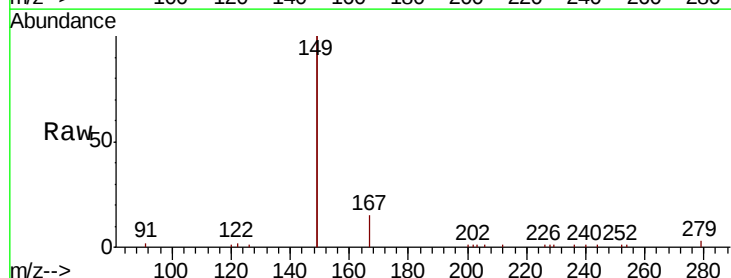
Tgt Ion:149 Resp: 18763

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

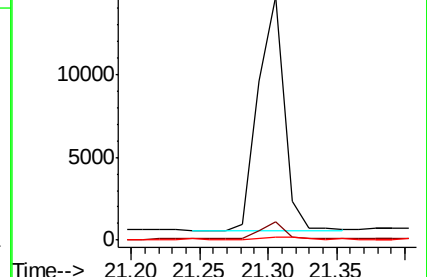
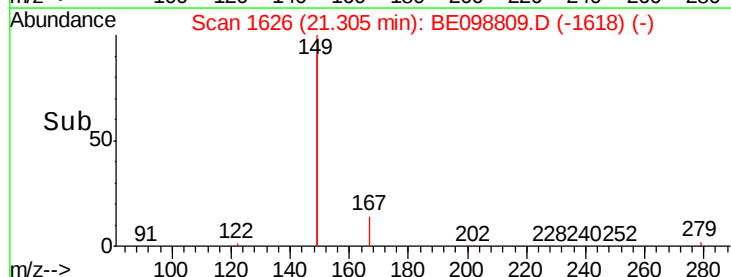
279 1.3 1.0 1.4

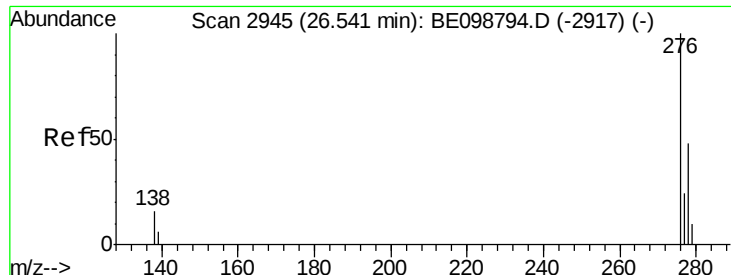


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

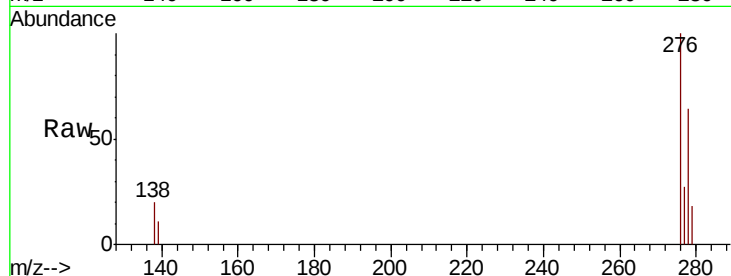




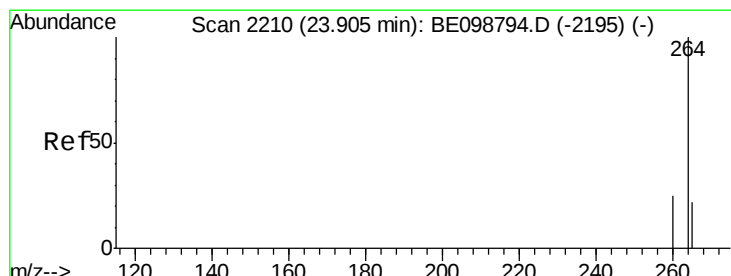
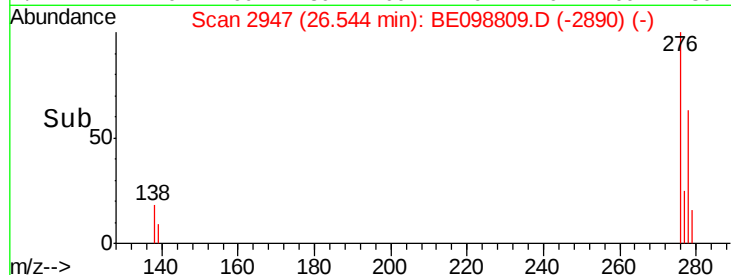
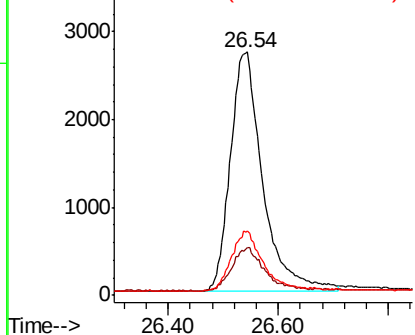
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng
RT: 26.54 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:276 Resp: 11137
Ion Ratio Lower Upper
276 100
138 18.2 13.8 20.8
277 23.9 19.5 29.3

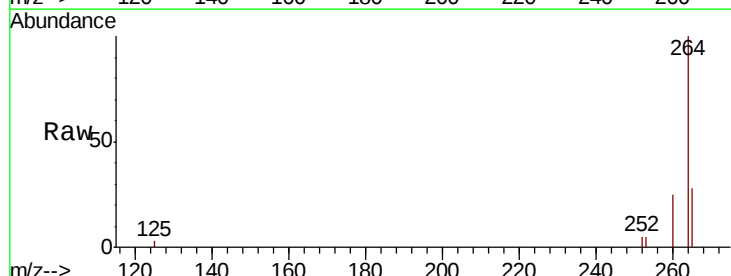


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

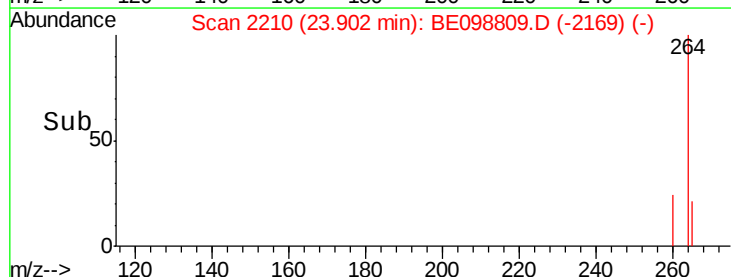
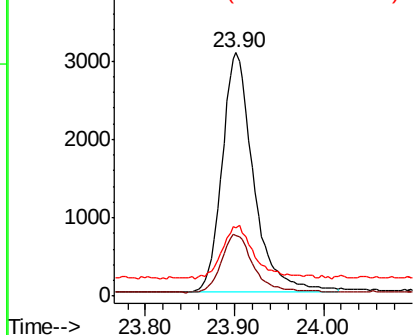


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion:264 Resp: 7550
Ion Ratio Lower Upper
264 100
260 25.1 21.2 31.8
265 28.1 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

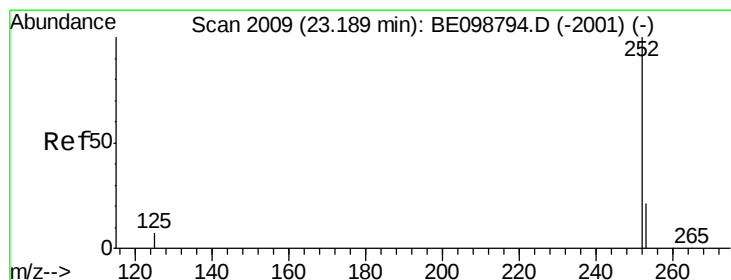
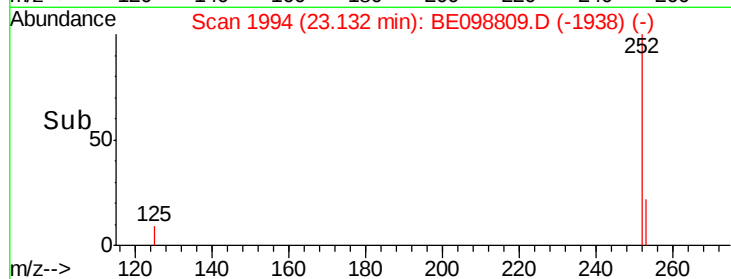
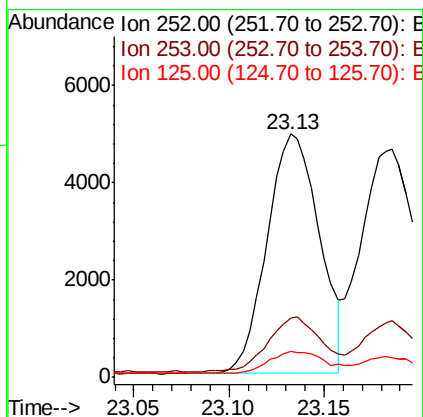
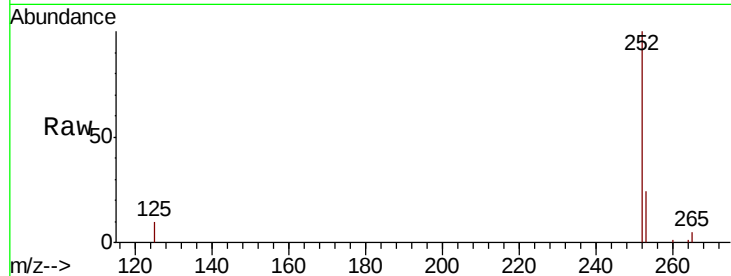




#35
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 23.13 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

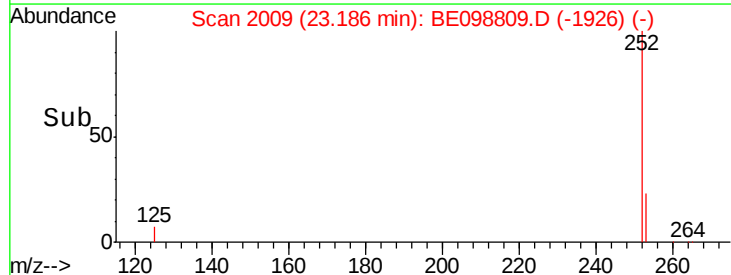
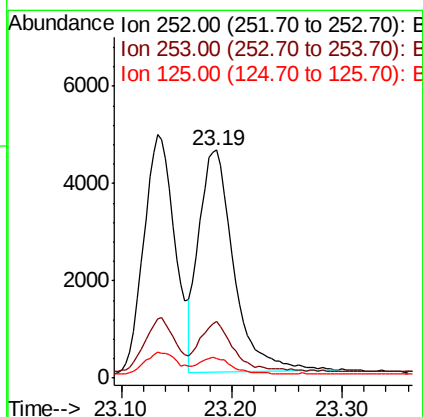
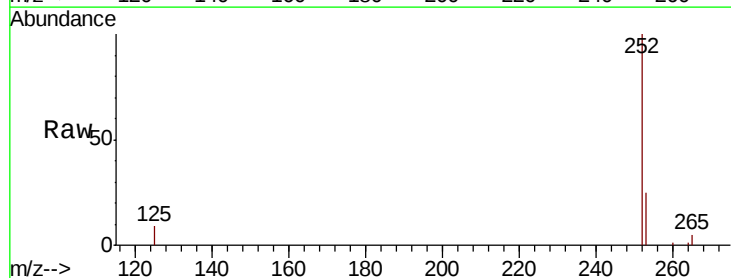
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 9446
Ion Ratio Lower Upper
252 100
253 24.1 18.2 27.2
125 10.5 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 23.19 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion:252 Resp: 9991
Ion Ratio Lower Upper
252 100
253 24.8 19.3 28.9
125 8.6 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.387 ng

RT: 23.79 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

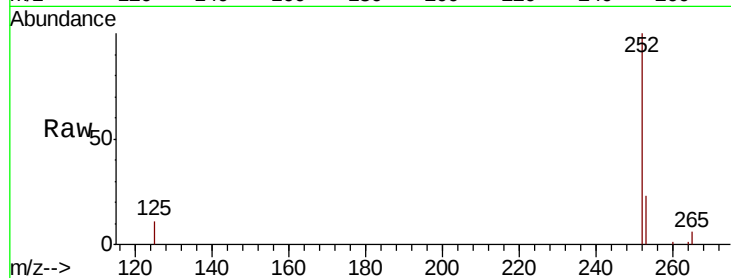
Tot Ion:252 Resp: 9203

Ion Ratio Lower Upper

252 100

253 23.5 19.9 29.9

125 10.7 9.0 13.4

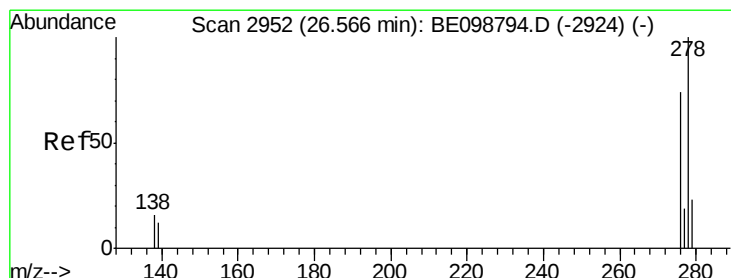
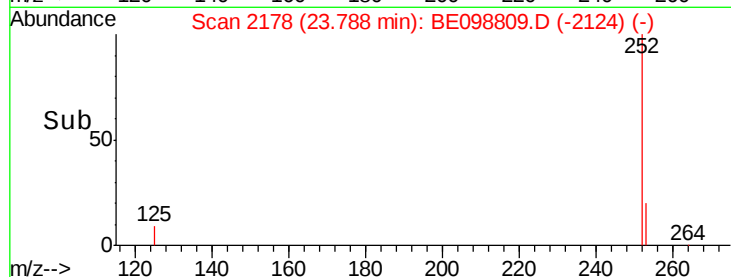
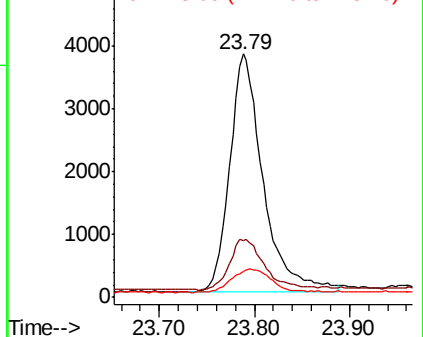


Abundance

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: 0.391 ng

RT: 26.56 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

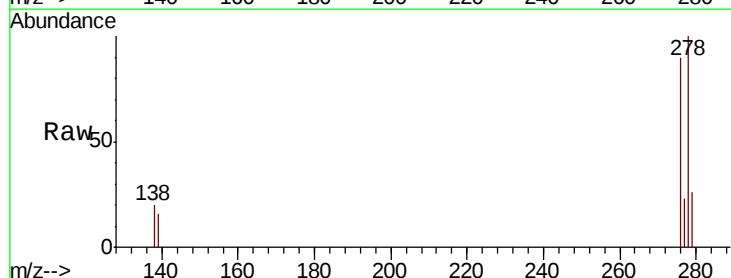
Tgt Ion:278 Resp: 8809

Ion Ratio Lower Upper

278 100

139 15.6 11.8 17.6

279 25.6 21.1 31.7

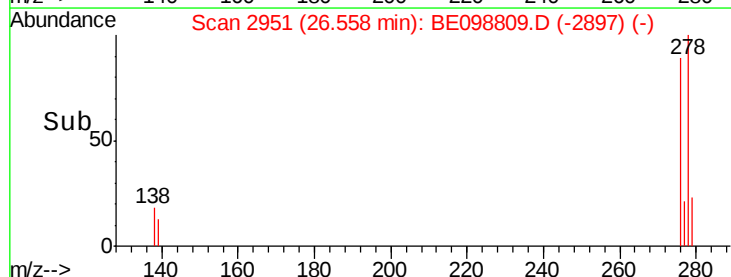
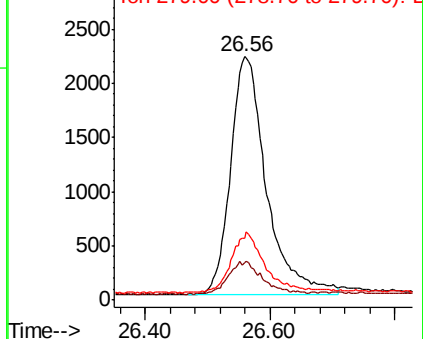


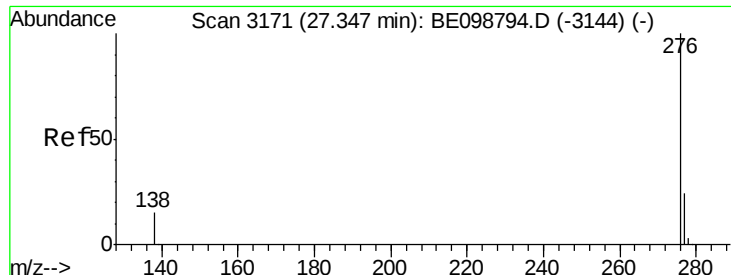
Abundance

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: 0.389 ng

RT: 27.35 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BE098809.D

Acq: 6 Mar 2019 21:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

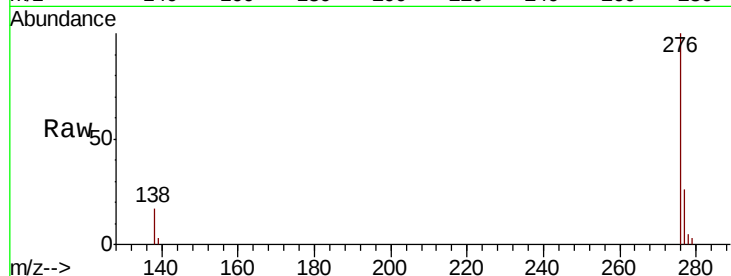
Tot Ion: 276 Resp: 9151

Ion Ratio Lower Upper

276 100

277 25.9 20.4 30.6

138 16.9 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

