

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098909.D
 Acq On : 13 Mar 2019 13:28
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 14 06:55:00 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	730	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3247	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2166	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5413	0.40	ng	0.00
27) Chrysene-d12	21.39	240	6609	0.40	ng	-0.01
34) Perylene-d12	23.89	264	6546	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	648	0.30	ng	0.01
5) Phenol-d6	7.00	99	1142	0.37	ng	0.01
8) Nitrobenzene-d5	8.98	82	1112	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2248	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	329	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3361	0.37	ng	0.00
25) Fluoranthene-d10	19.24	212	30217	0.35	ng	0.00
29) Terphenyl-d14	19.85	244	5805	0.36	ng	0.00

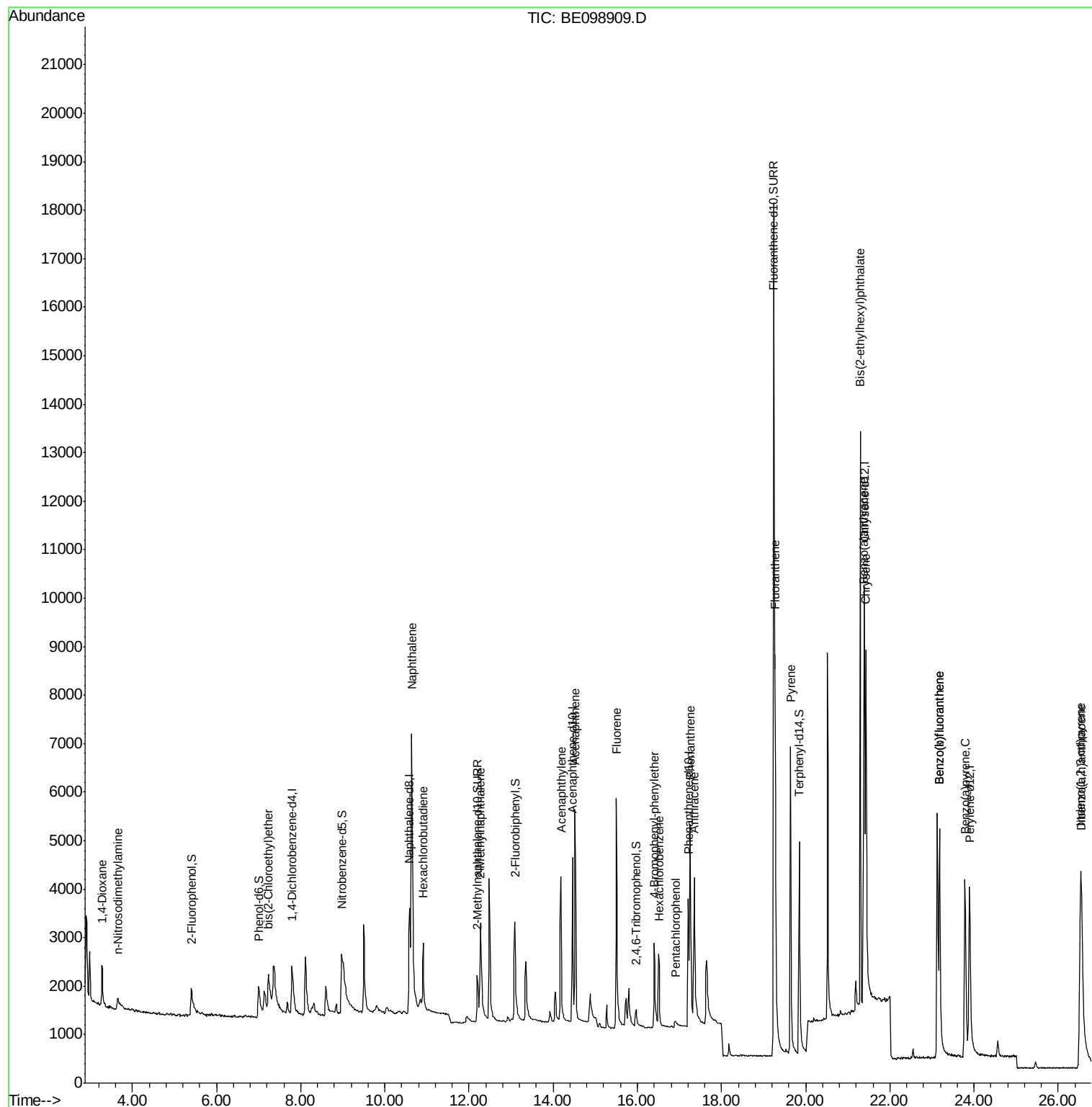
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	583	0.414	ng	96
3) n-Nitrosodimethylamine	3.66	42	358	0.195	ng	# 87
6) bis(2-Chloroethyl)ether	7.23	93	691	0.290	ng	92
9) Naphthalene	10.64	128	14415	0.388	ng	99
10) Hexachlorobutadiene	10.91	225	974	0.396	ng	97
12) 2-Methylnaphthalene	12.27	142	2184	0.362	ng	97
16) Acenaphthylene	14.18	152	4176	0.375	ng	98
17) Acenaphthene	14.51	154	2509	0.380	ng	98
18) Fluorene	15.50	166	3505	0.368	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	1007	0.343	ng	94
21) Hexachlorobenzene	16.52	284	1362	0.390	ng	97
22) Pentachlorophenol	16.91	266	165	0.403	ng	92
23) Phenanthrene	17.25	178	5661	0.368	ng	99
24) Anthracene	17.35	178	4282	0.326	ng	98
26) Fluoranthene	19.27	202	7537	0.347	ng	100
28) Pyrene	19.64	202	7770	0.384	ng	100
30) Benzo(a)anthracene	21.38	228	6738	0.327	ng	98
31) Chrysene	21.43	228	8669	0.393	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	12528	0.285	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	8798	0.378	ng	98
35) Benzo(b)fluoranthene	23.18	252	8277	0.385	ng	98
36) Benzo(k)fluoranthene	23.18	252	8277	0.367	ng	99
37) Benzo(a)pyrene	23.78	252	7663	0.371	ng	# 96
38) Dibenzo(a,h)anthracene	26.56	278	6773	0.347	ng	98

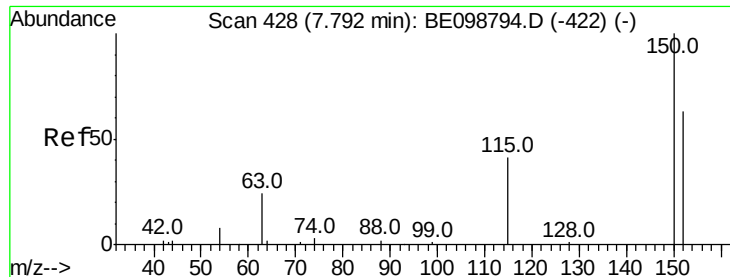
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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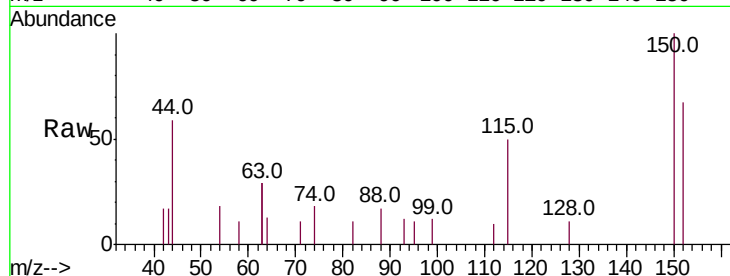


#1

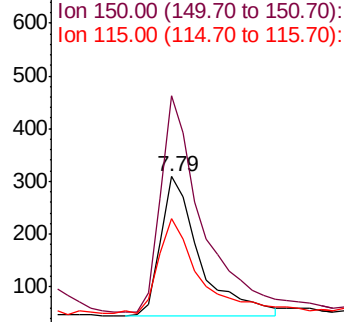
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

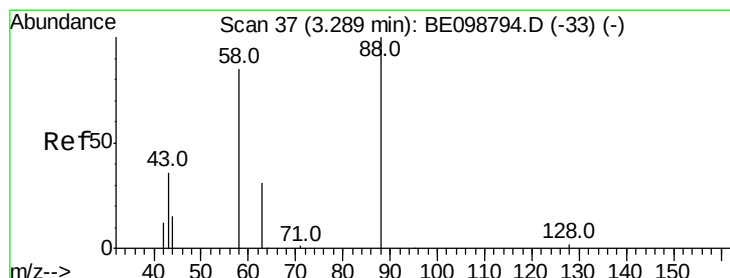
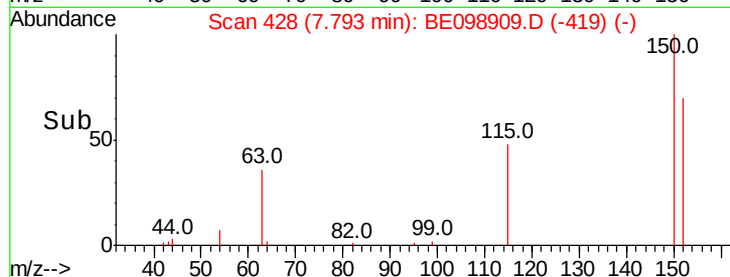
Tot Ion:152 Resp: 730
Ion Ratio Lower Upper
152 100
150 149.5 122.5 183.7
115 74.4 57.4 86.2



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



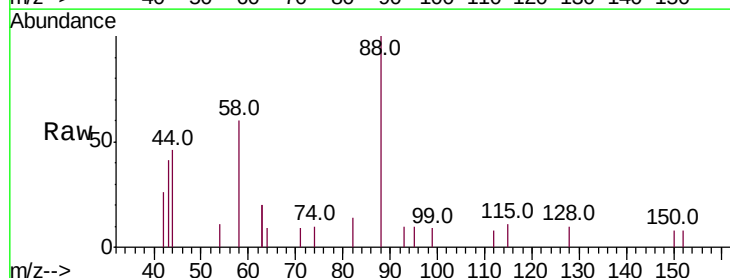
Time-->



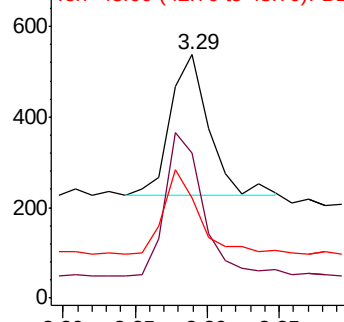
#2

1,4-Dioxane
Concen: 0.414 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

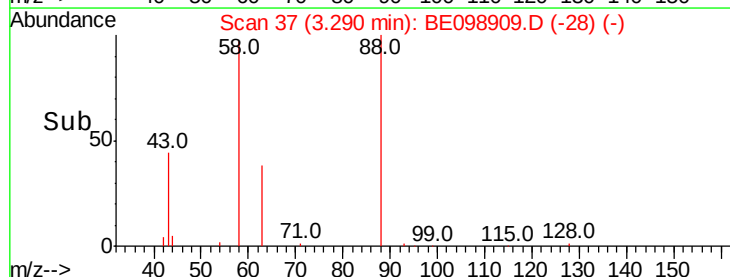
Tgt Ion: 88 Resp: 583
Ion Ratio Lower Upper
88 100
58 99.5 75.8 113.6
43 53.7 41.8 62.8

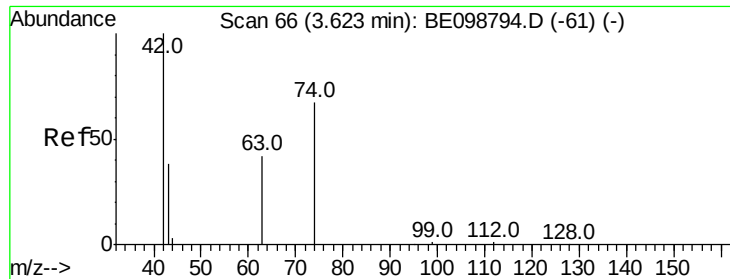


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.195 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.04 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

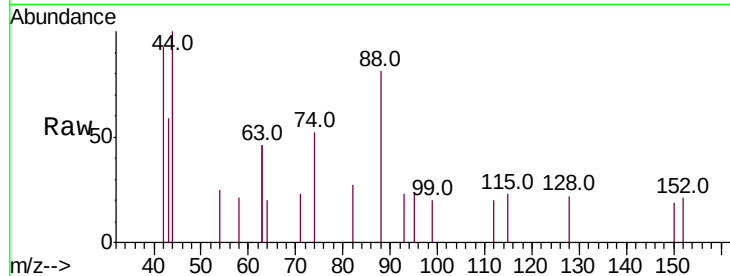
Tot Ion: 42 Resp: 358

Ion Ratio Lower Upper

42 100

74 60.3 57.0 85.4

44 20.7 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

3.66

250

200

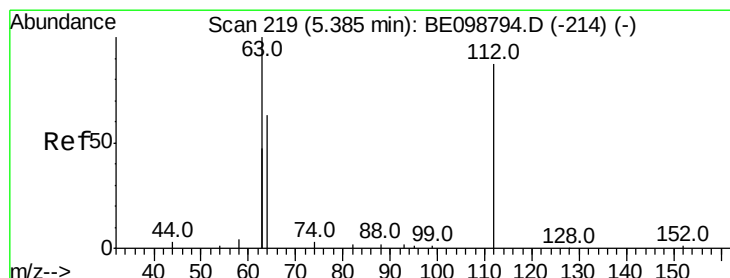
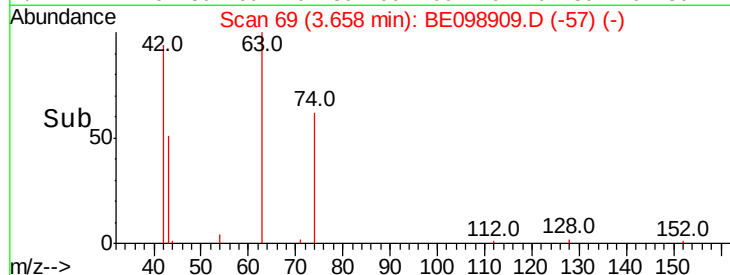
150

100

50

0

Time-->



#4

2-Fluorophenol

Concen: 0.297 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

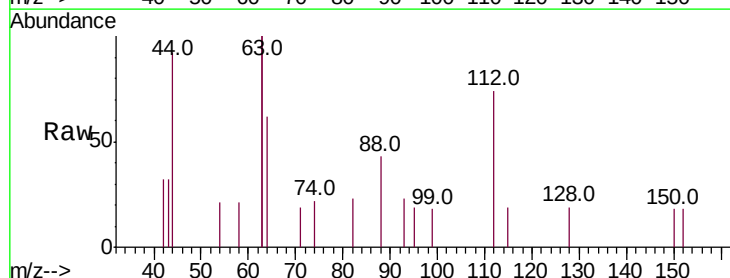
Tgt Ion: 112 Resp: 648

Ion Ratio Lower Upper

112 100

64 75.6 57.9 86.9

63 191.7 158.3 237.5



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

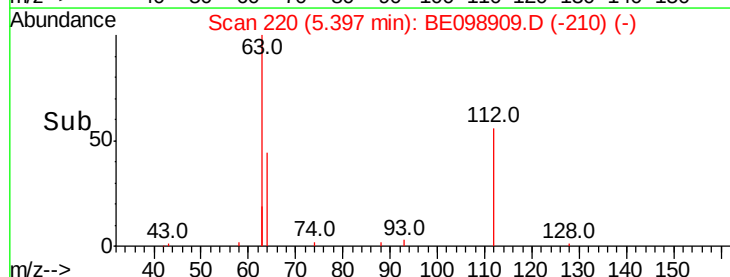
600

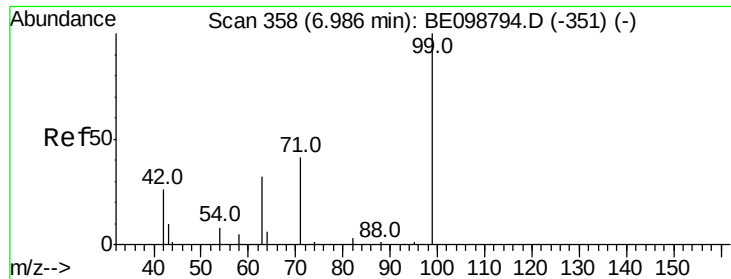
400

200

0

Time-->





#5

Phenol-d6

Concen: 0.370 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

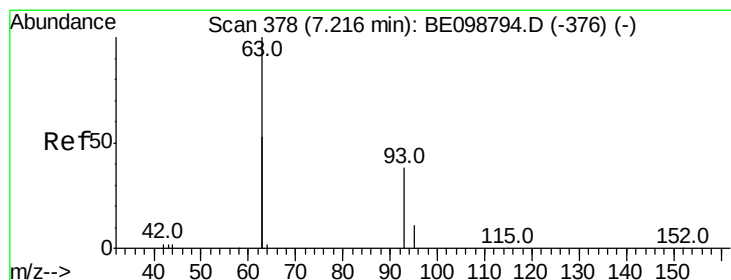
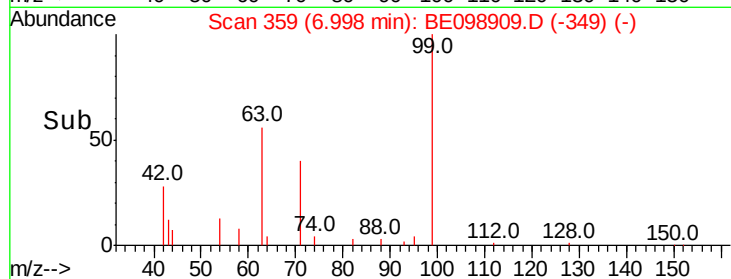
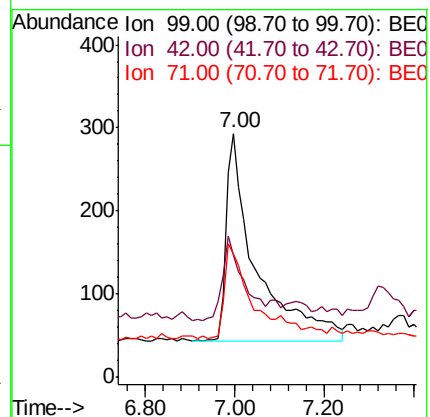
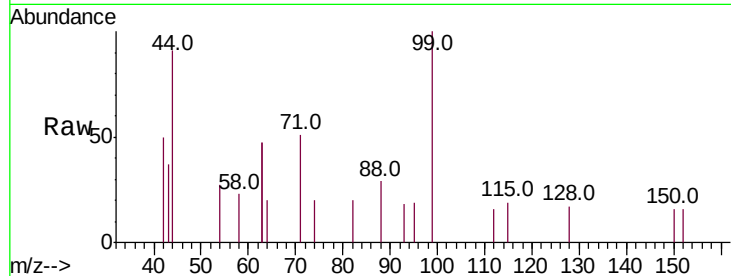
Tot Ion: 99 Resp: 1142

Ion Ratio Lower Upper

99 100

42 28.9 24.2 36.2

71 45.1 35.7 53.5



#6

bis(2-Chloroethyl)ether

Concen: 0.290 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

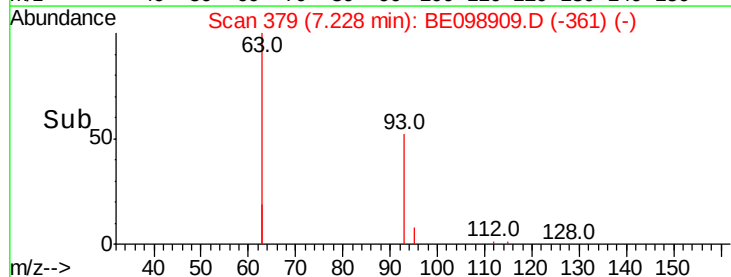
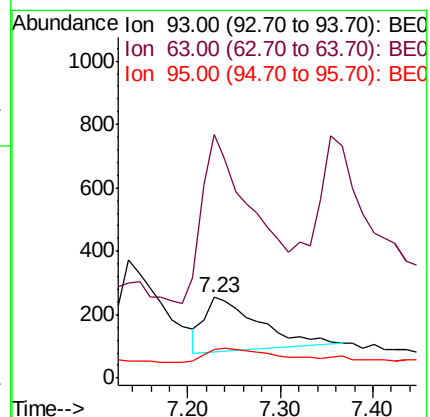
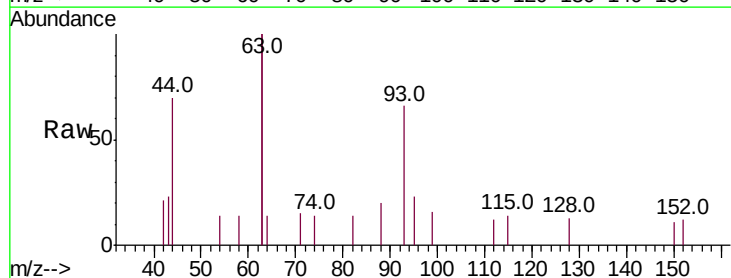
Tgt Ion: 93 Resp: 691

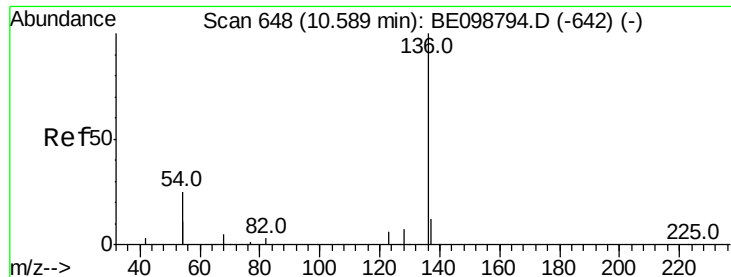
Ion Ratio Lower Upper

93 100

63 293.3 247.5 371.3

95 32.6 21.8 32.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 3247

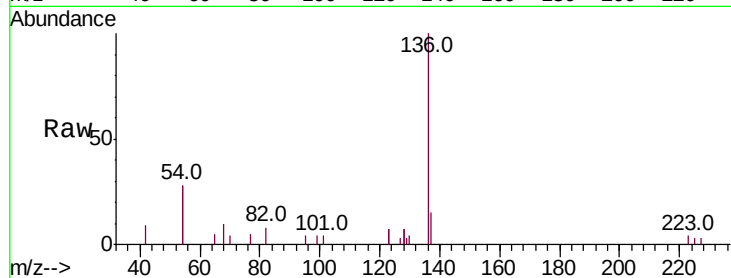
Ion Ratio Lower Upper

136 100

137 15.0 11.4 17.0

54 55.9 39.3 58.9

68 9.7 6.7 10.1

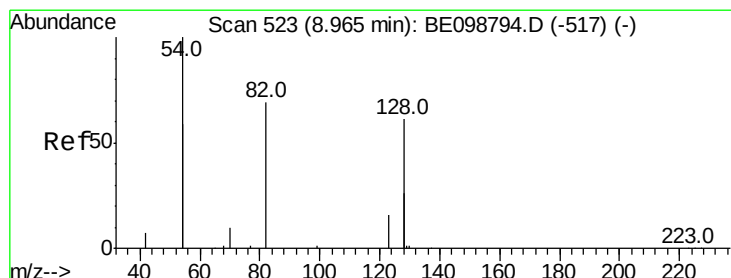
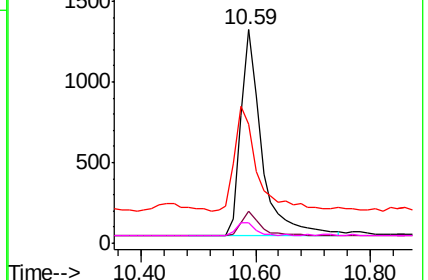
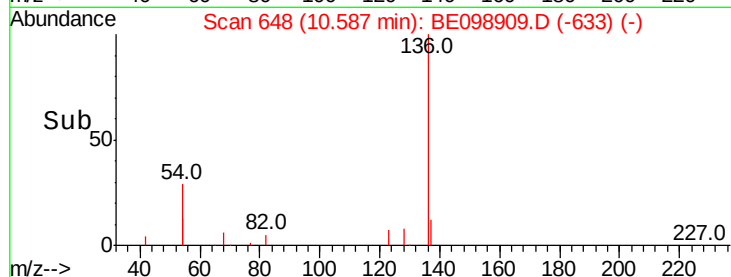


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.327 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

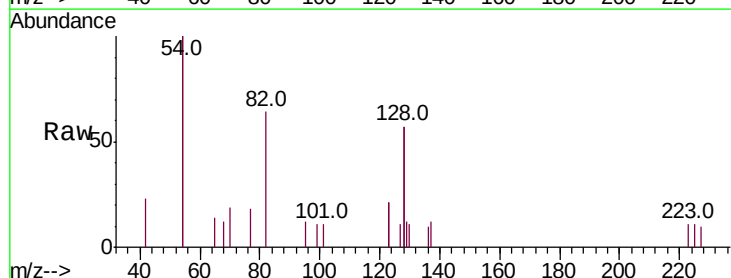
Tgt Ion: 82 Resp: 1112

Ion Ratio Lower Upper

82 100

128 179.3 123.8 185.8

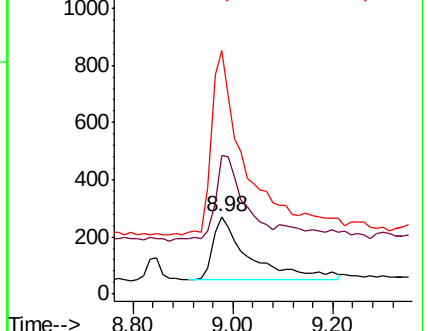
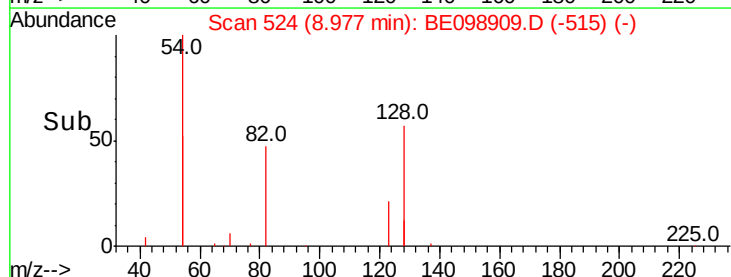
54 314.4 203.4 305.2#

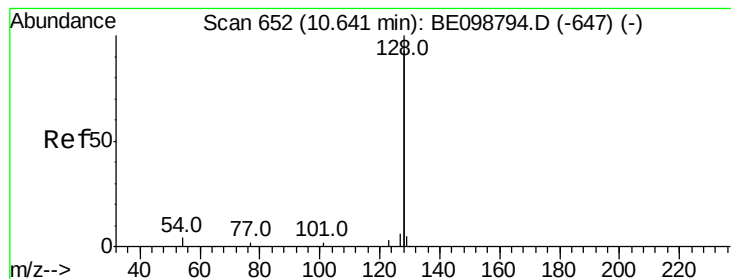


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.388 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

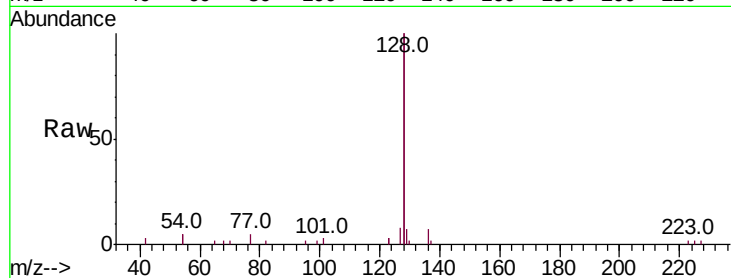
Tot Ion:128 Resp: 14415

Ion Ratio Lower Upper

128 100

129 3.6 2.6 4.0

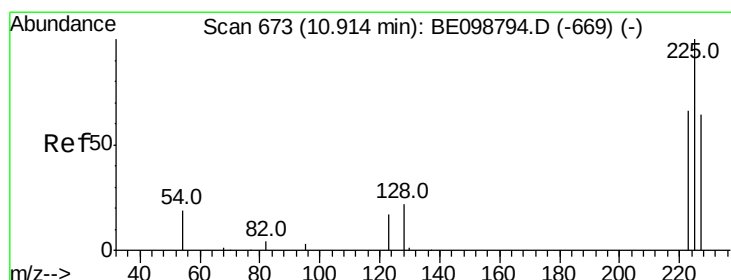
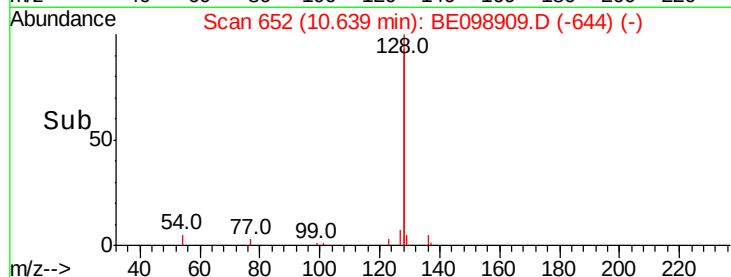
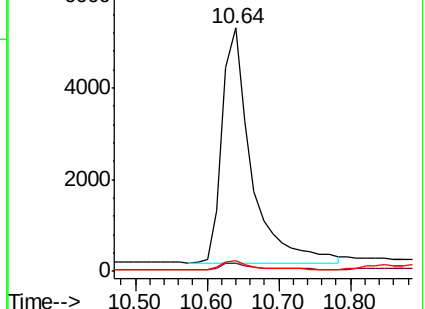
127 4.2 3.1 4.7



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: 0.396 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

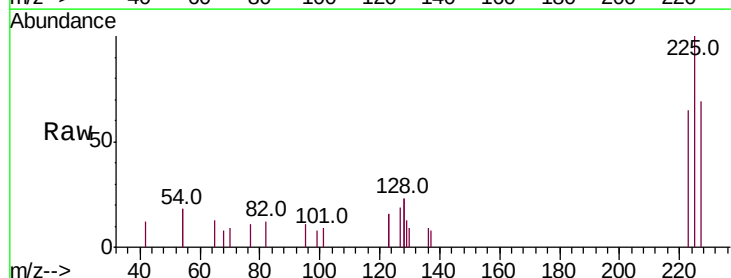
Tgt Ion:225 Resp: 974

Ion Ratio Lower Upper

225 100

223 60.3 51.1 76.7

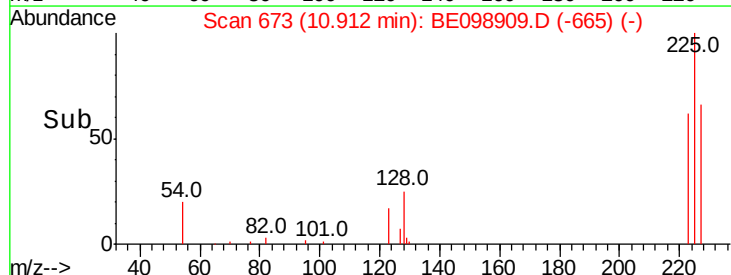
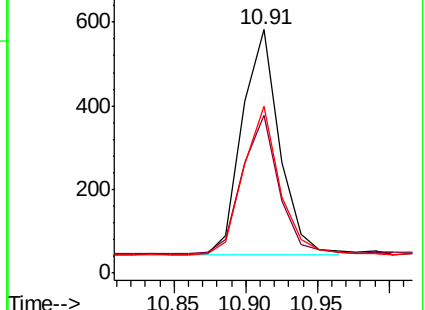
227 63.8 51.6 77.4

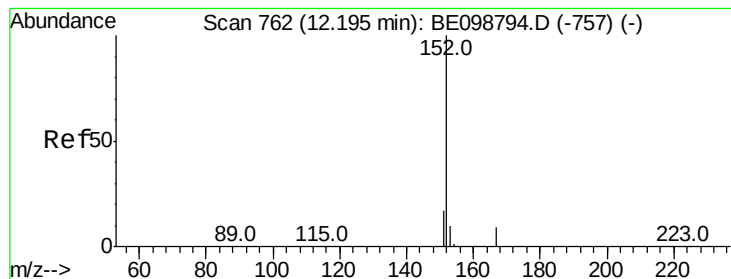


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.375 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

Instrument :

BNA_E

ClientSampleId :

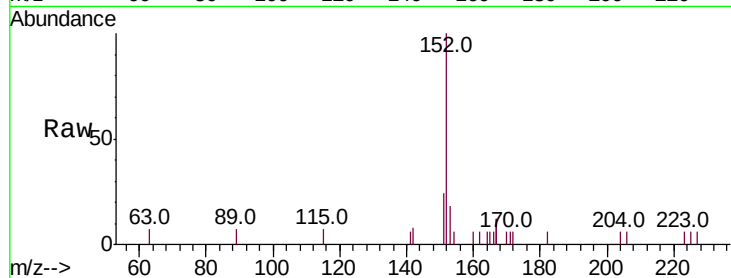
SSTDCCC0.4

Tot Ion:152 Resp: 2248

Ion Ratio Lower Upper

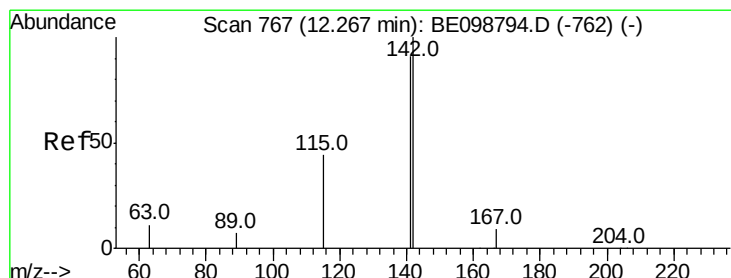
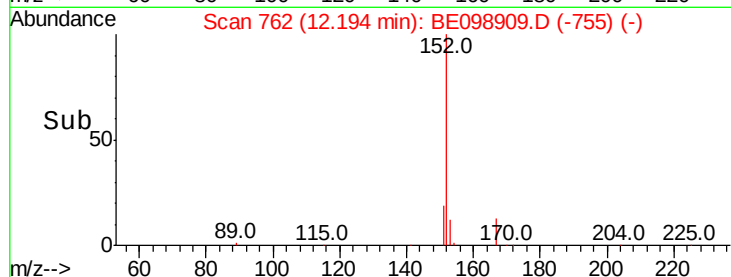
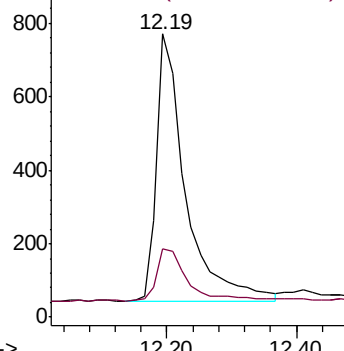
152 100

151 20.2 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: 0.362 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

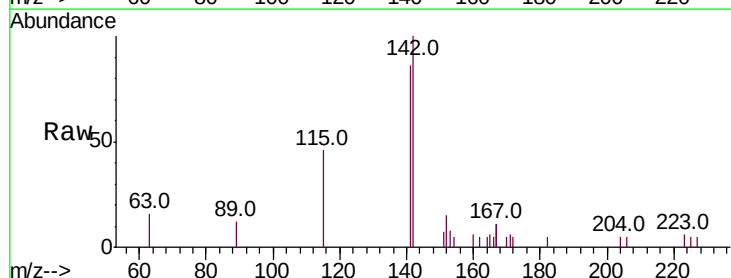
Tgt Ion:142 Resp: 2184

Ion Ratio Lower Upper

142 100

141 86.4 72.6 108.8

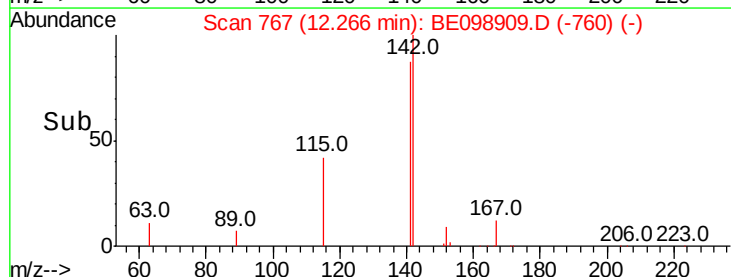
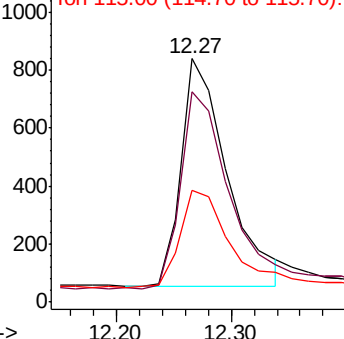
115 46.0 37.4 56.2

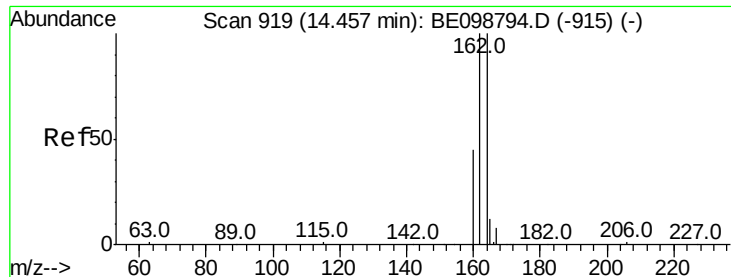


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

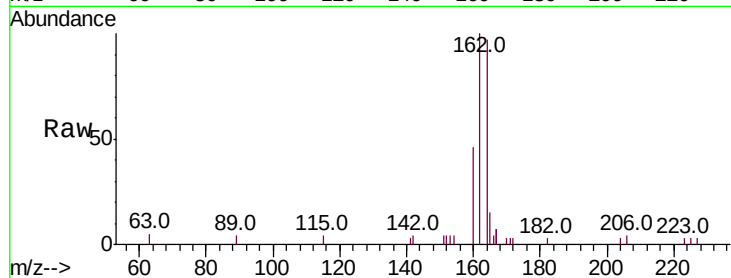




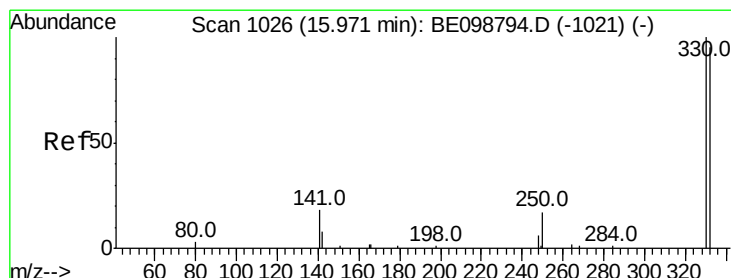
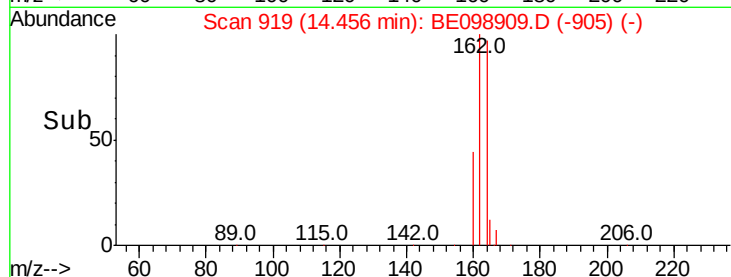
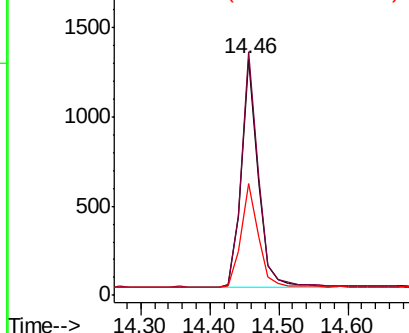
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:164 Resp: 2166
Ion Ratio Lower Upper
164 100
162 103.0 80.2 120.2
160 47.2 37.8 56.8

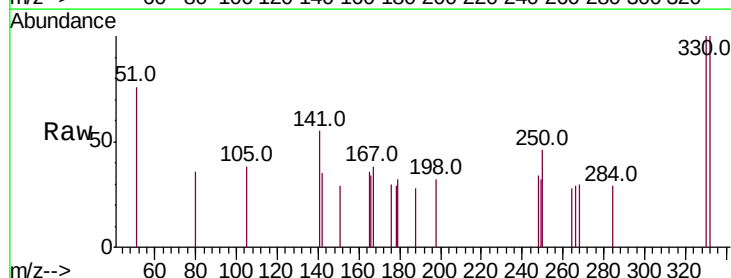


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

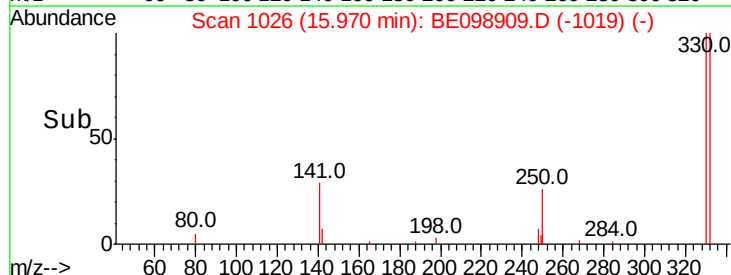
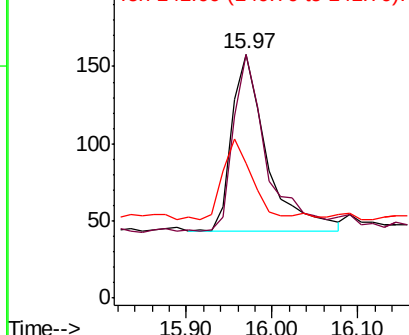


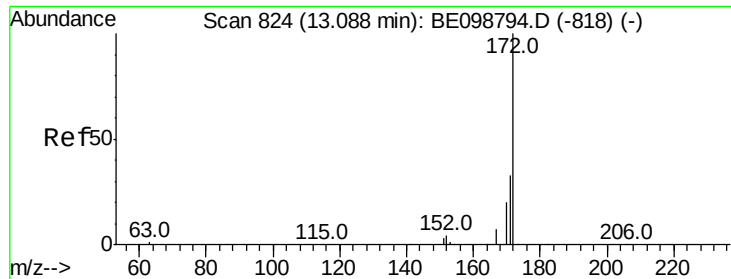
#14
2,4,6-Tribromophenol
Concen: 0.301 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:330 Resp: 329
Ion Ratio Lower Upper
330 100
332 102.7 77.6 116.4
141 37.7 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

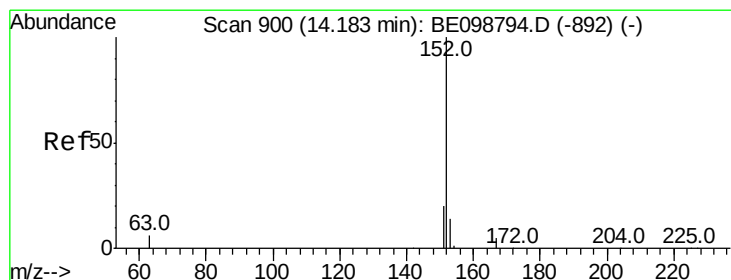
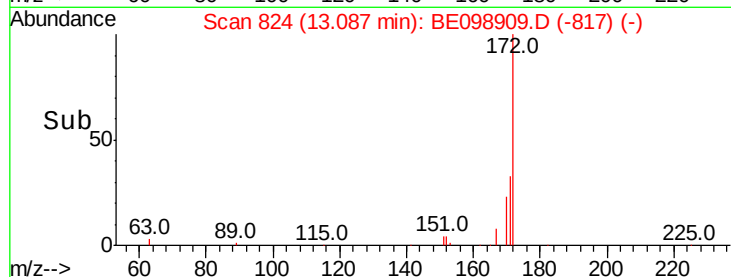
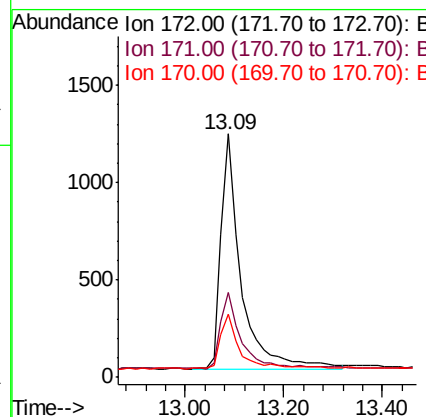
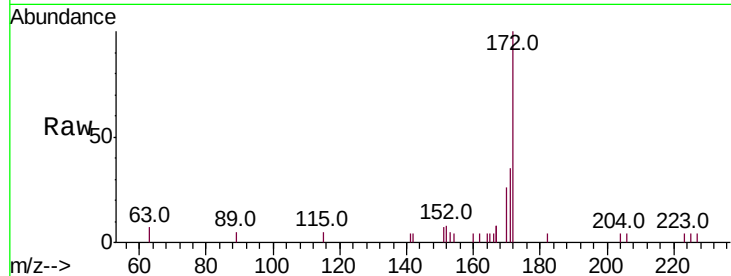




#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

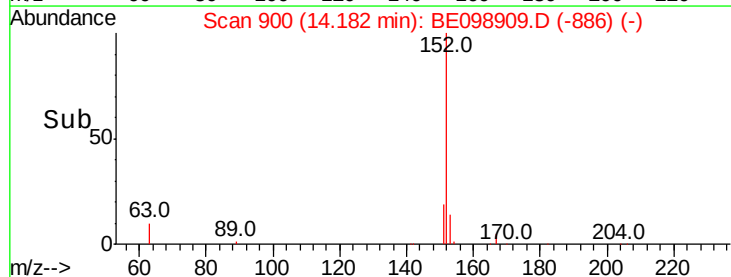
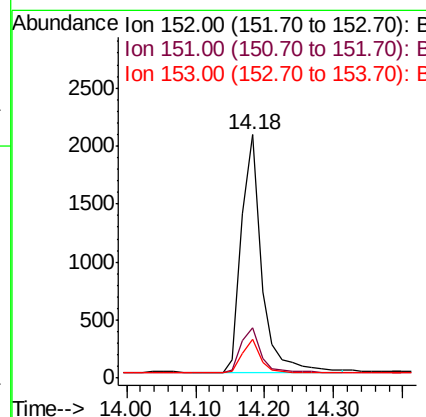
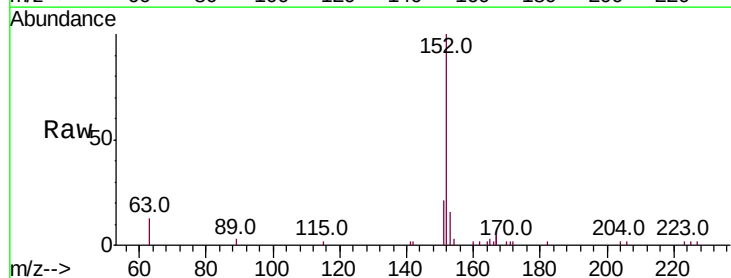
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

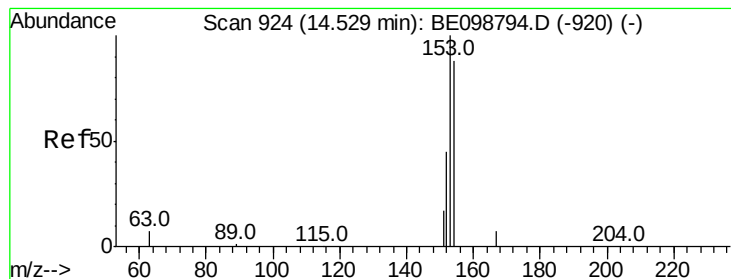
Tot Ion:172 Resp: 3361
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 26.1 17.7 26.5



#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:152 Resp: 4176
Ion Ratio Lower Upper
152 100
151 20.1 17.0 25.6
153 13.2 11.2 16.8





#17

Acenaphthene

Concen: 0.380 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.02 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

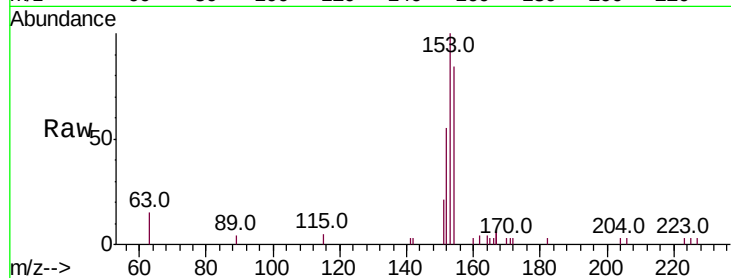
Tot Ion:154 Resp: 2509

Ion Ratio Lower Upper

154 100

153 117.2 94.2 141.4

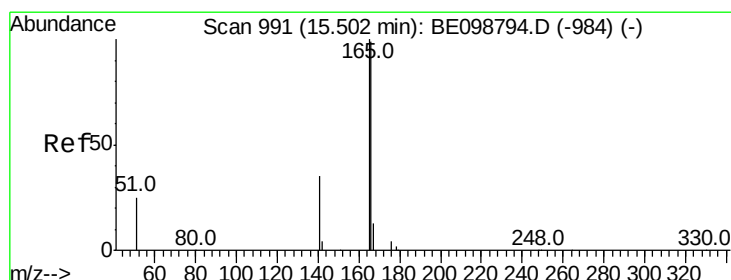
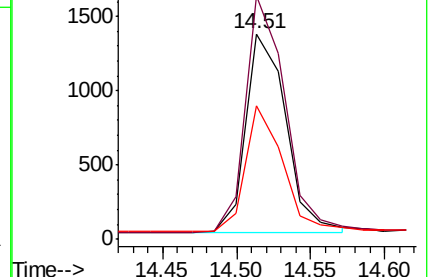
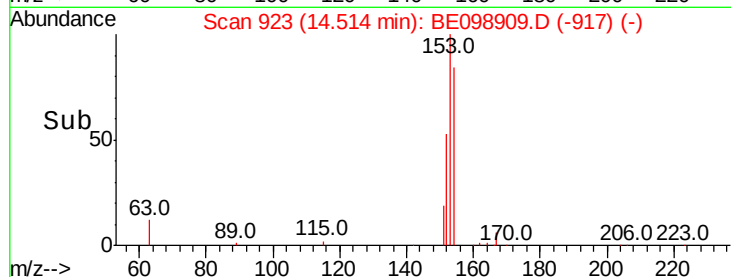
152 59.7 45.0 67.4



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: 0.368 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

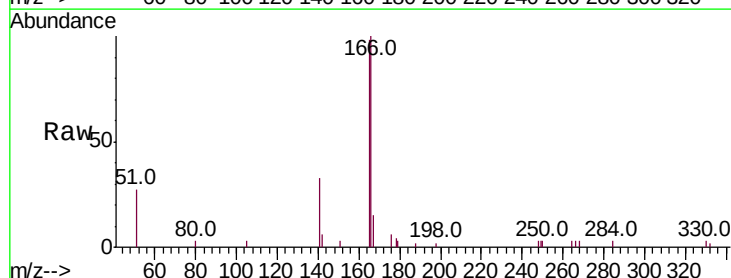
Tgt Ion:166 Resp: 3505

Ion Ratio Lower Upper

166 100

165 96.9 79.3 118.9

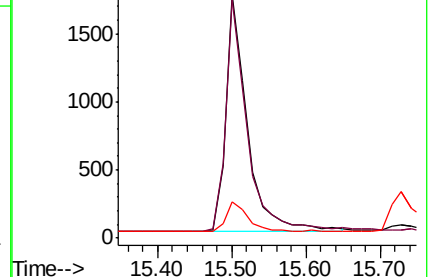
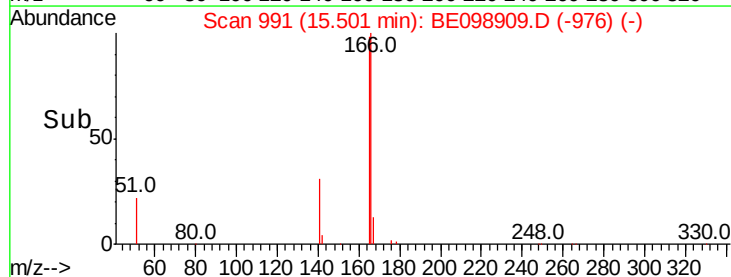
167 13.9 10.5 15.7

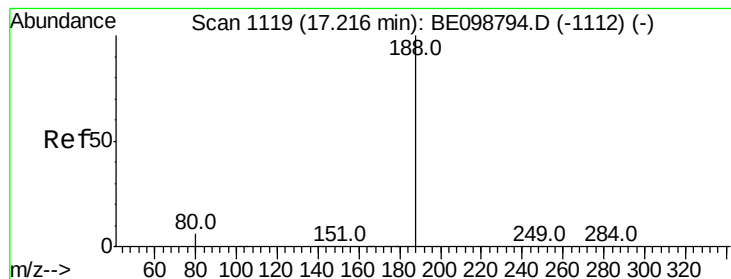


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

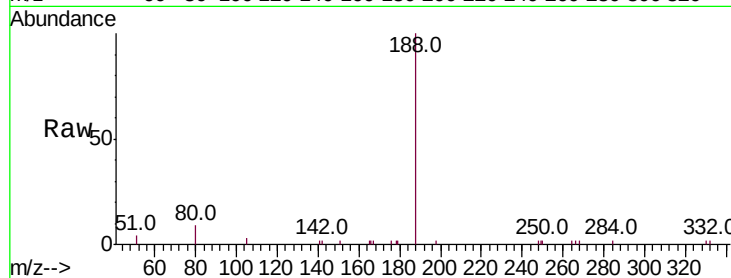
Tot Ion:188 Resp: 5413

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

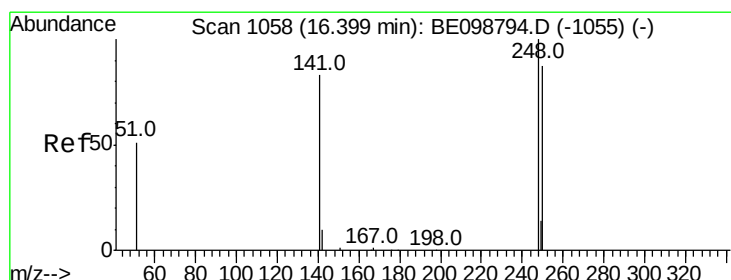
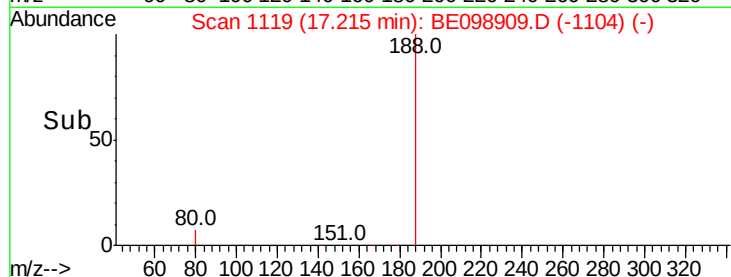
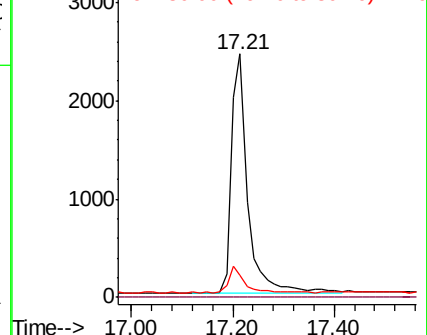
80 9.0 6.3 9.5



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: 0.343 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

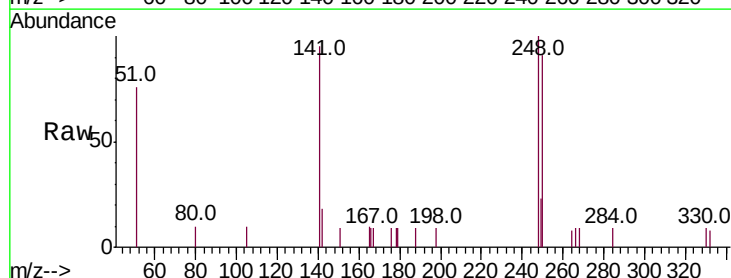
Tgt Ion:248 Resp: 1007

Ion Ratio Lower Upper

248 100

250 90.6 70.6 105.8

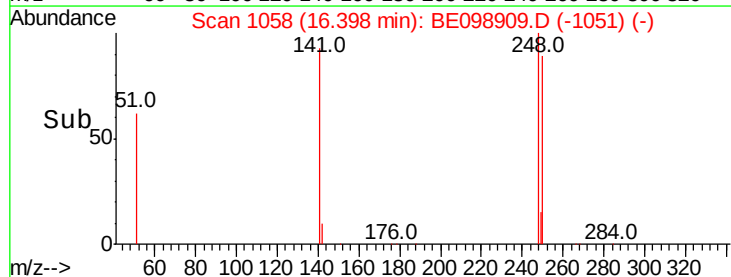
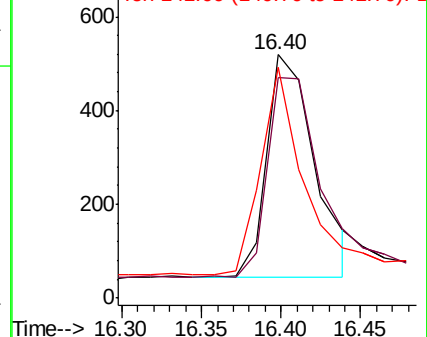
141 95.0 68.6 102.8

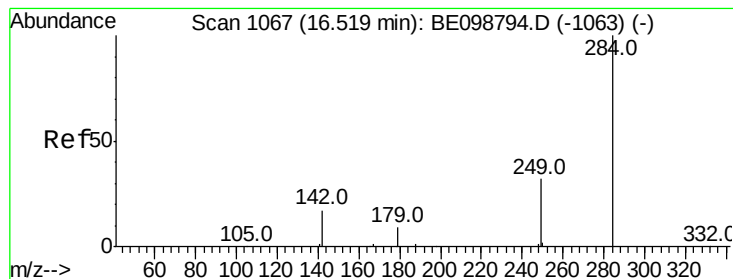


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.390 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

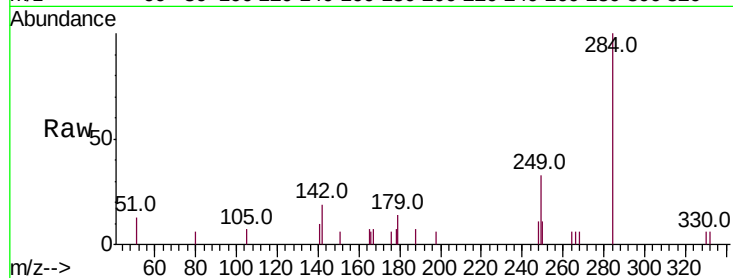
Tot Ion:284 Resp: 1362

Ion Ratio Lower Upper

284 100

142 36.3 28.7 43.1

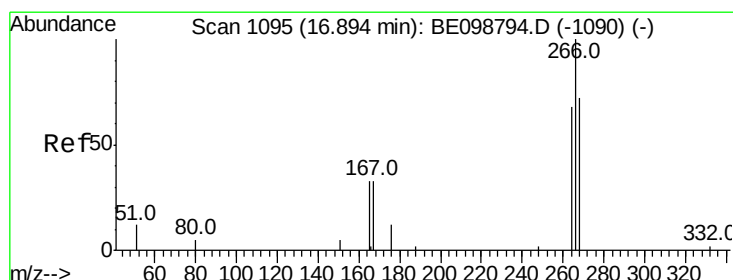
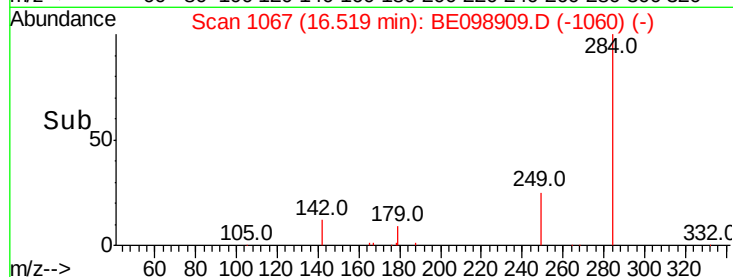
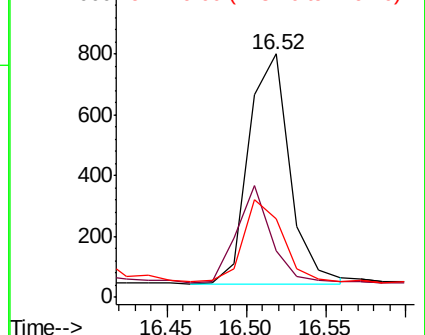
249 33.6 29.6 44.4



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: 0.403 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

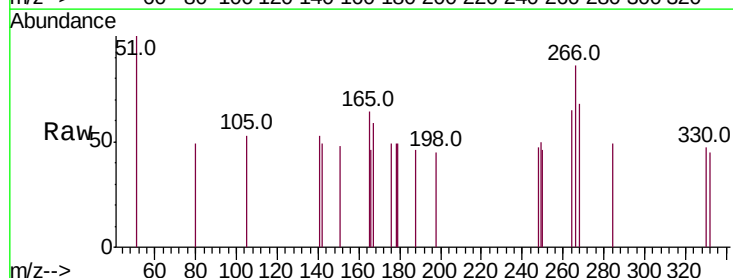
Tgt Ion:266 Resp: 165

Ion Ratio Lower Upper

266 100

264 75.9 66.6 100.0

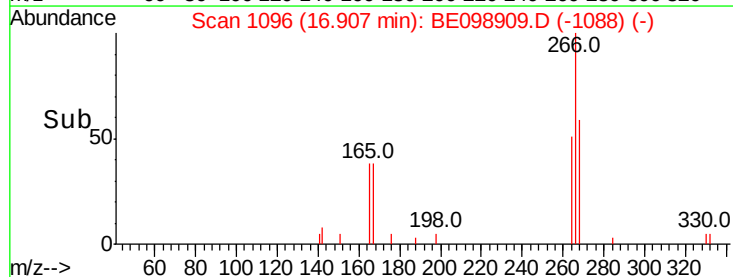
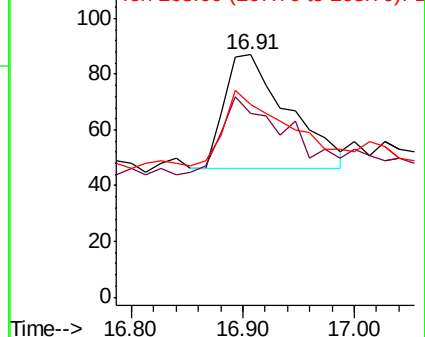
268 79.3 69.8 104.8

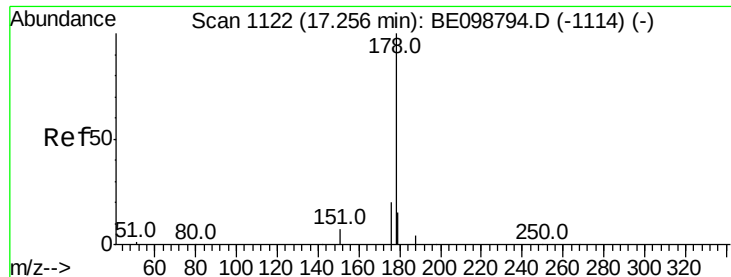


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

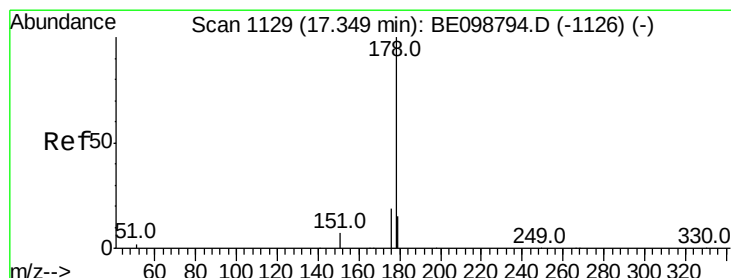
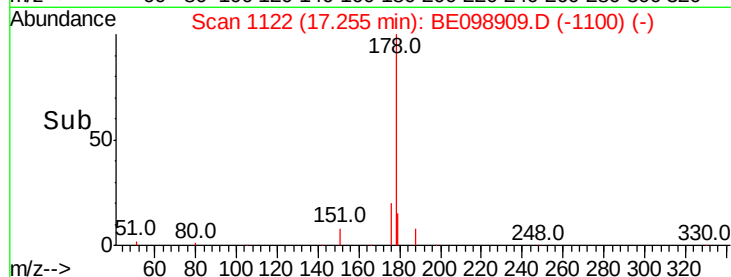
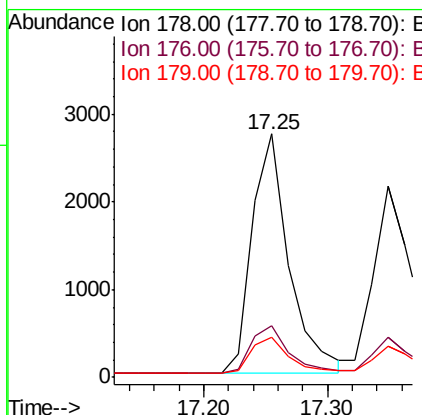
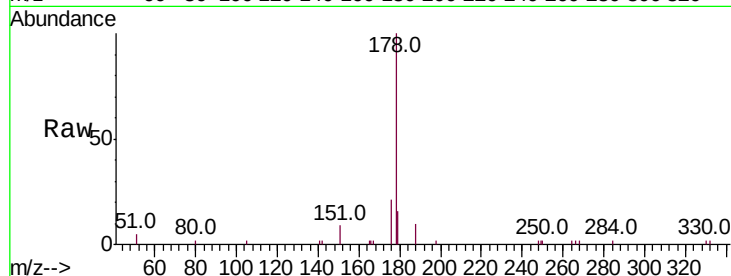




#23
Phenanthrene
Concen: 0.368 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

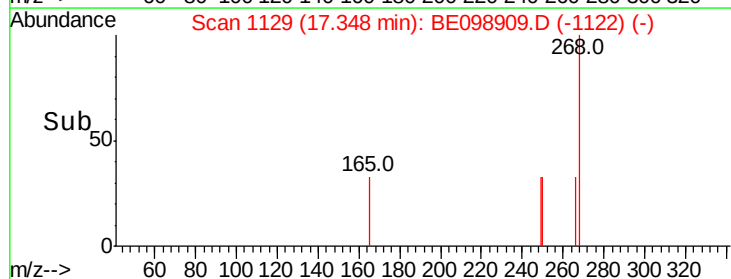
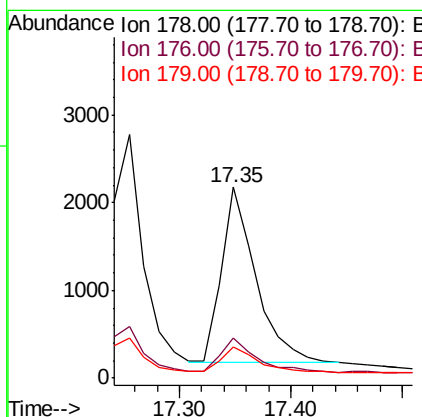
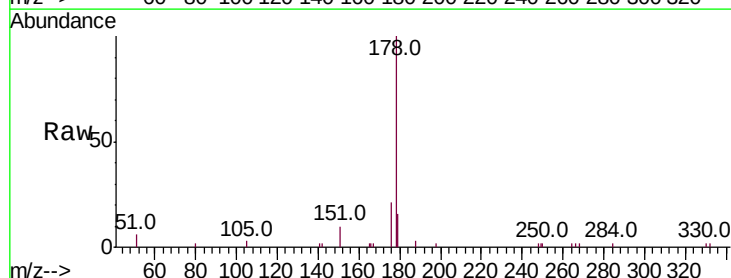
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

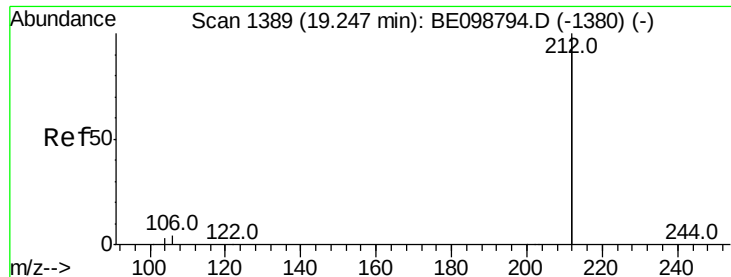
Tot Ion:178 Resp: 5661
Ion Ratio Lower Upper
178 100
176 20.7 16.0 24.0
179 15.7 12.1 18.1



#24
Anthracene
Concen: 0.326 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:178 Resp: 4282
Ion Ratio Lower Upper
178 100
176 20.3 15.4 23.0
179 15.2 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.350 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

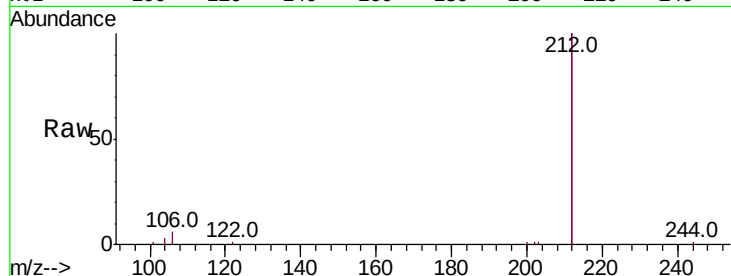
Tot Ion:212 Resp: 30217

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

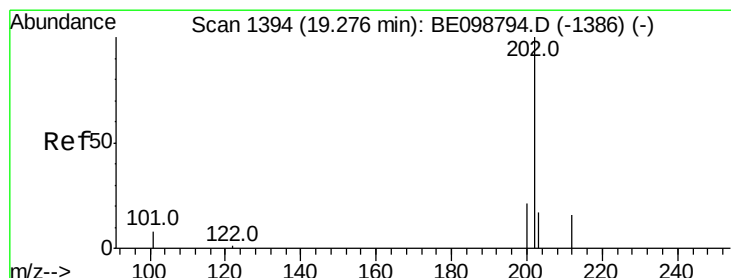
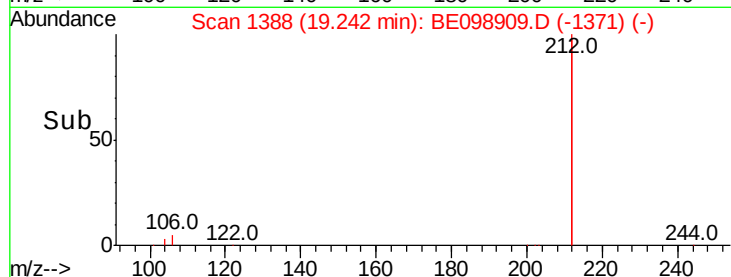
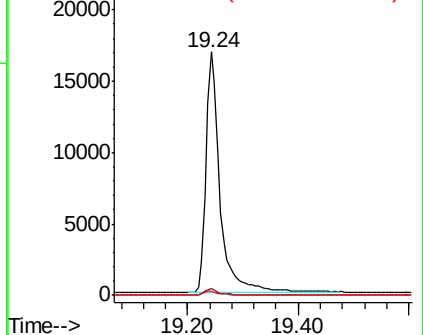
104 1.4 1.0 1.6



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: 0.347 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

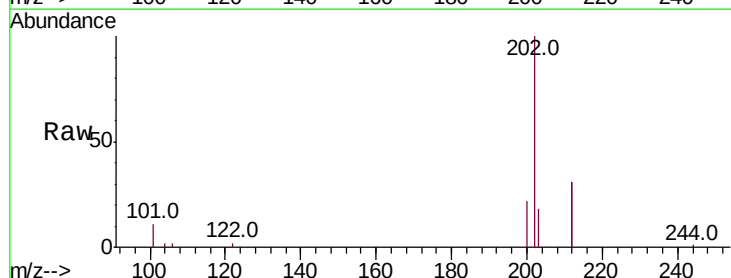
Tgt Ion:202 Resp: 7537

Ion Ratio Lower Upper

202 100

101 8.7 7.3 10.9

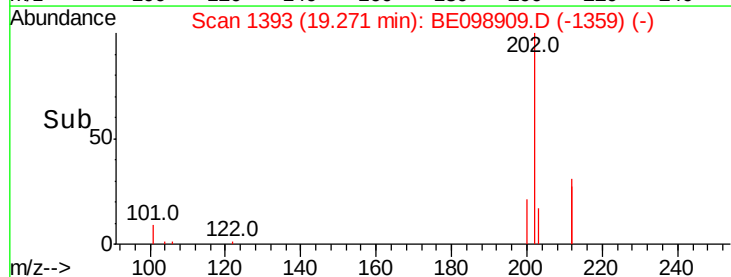
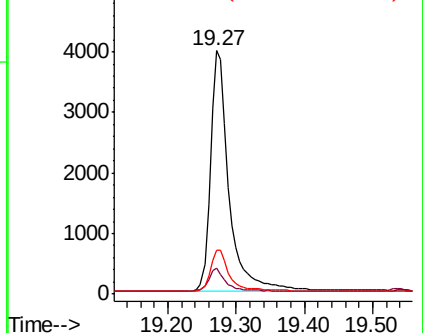
203 16.8 13.4 20.2

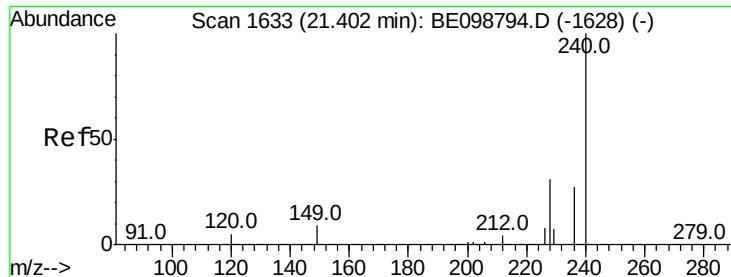


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE098909.D

Acq: 13 Mar 2019 13:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

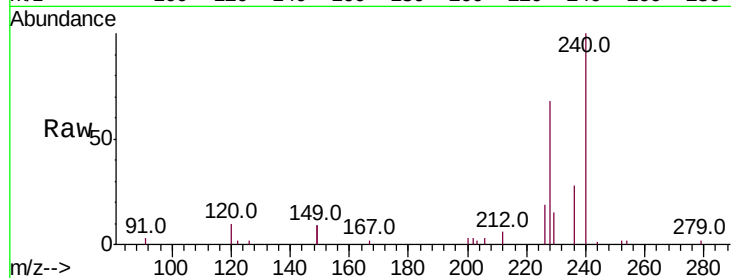
Tot Ion:240 Resp: 6609

Ion Ratio Lower Upper

240 100

120 9.7 5.0 7.4#

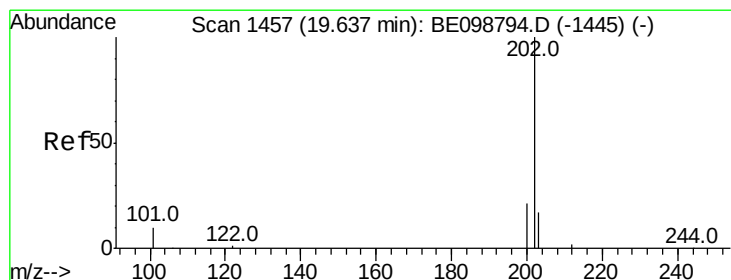
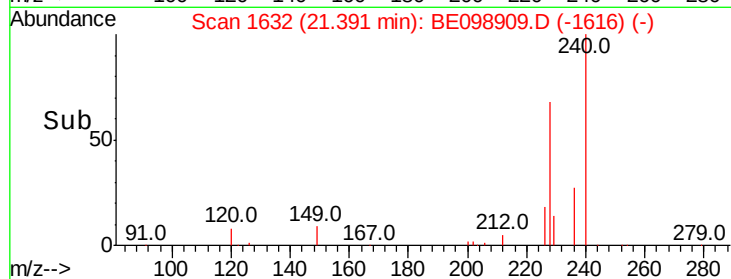
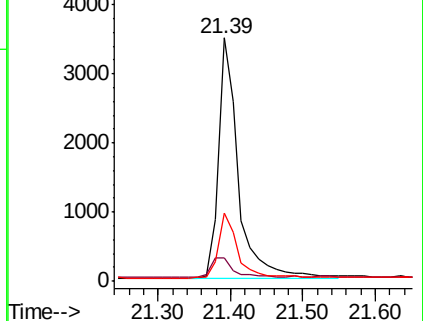
236 28.1 22.7 34.1



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: 0.384 ng

RT: 19.64 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

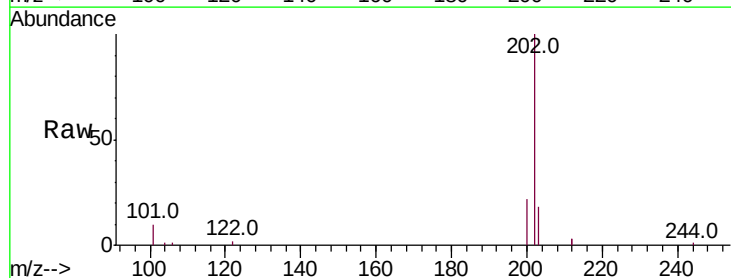
Tgt Ion:202 Resp: 7770

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

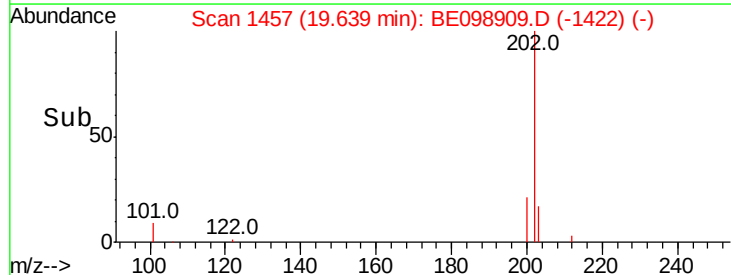
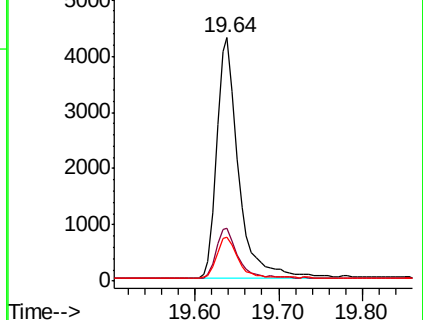
203 17.7 14.2 21.2

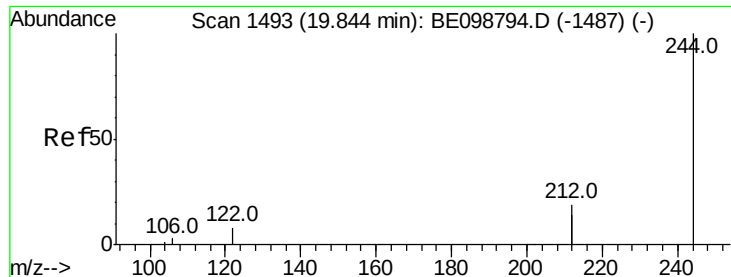


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.361 ng

RT: 19.85 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

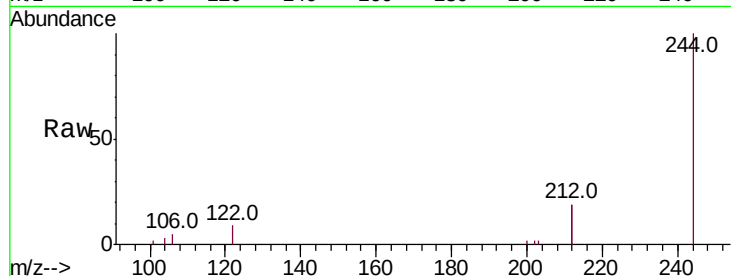
Tot Ion:244 Resp: 5805

Ion Ratio Lower Upper

244 100

212 37.4 29.4 44.2

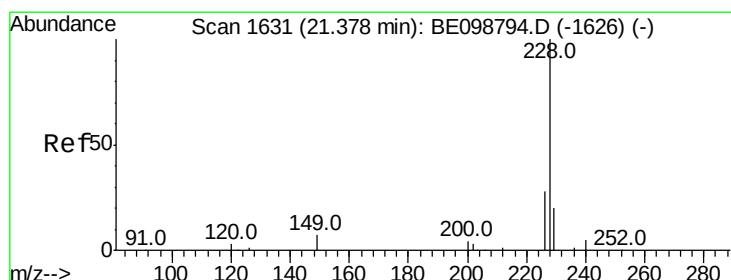
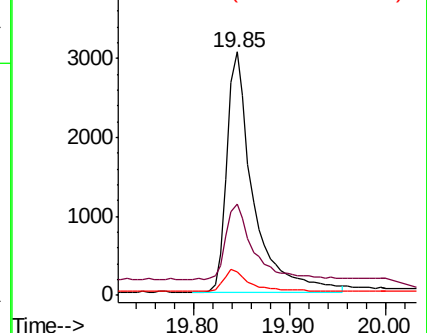
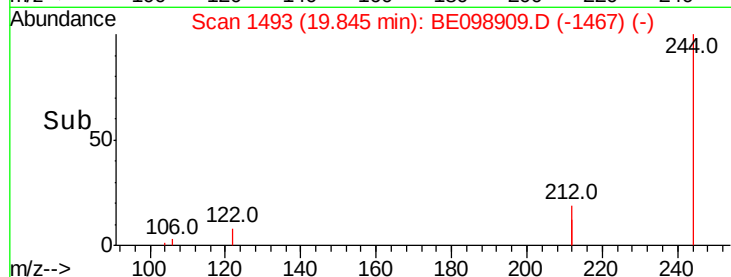
122 9.5 7.1 10.7



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: 0.327 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

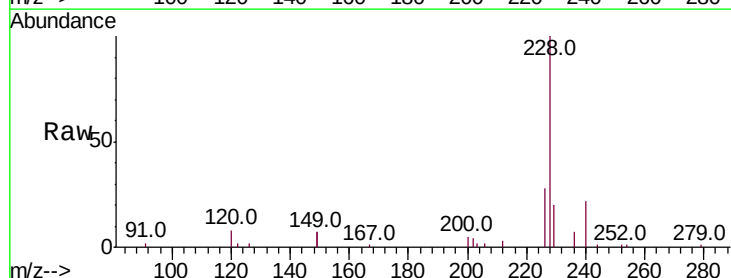
Tgt Ion:228 Resp: 6738

Ion Ratio Lower Upper

228 100

226 27.8 23.0 34.4

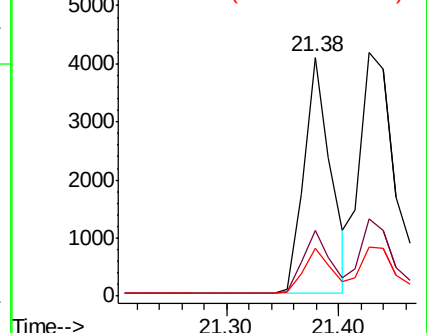
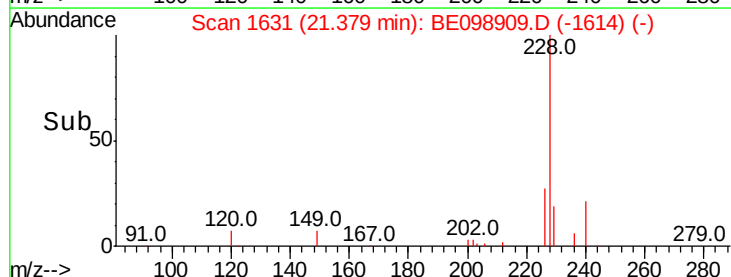
229 19.8 16.5 24.7

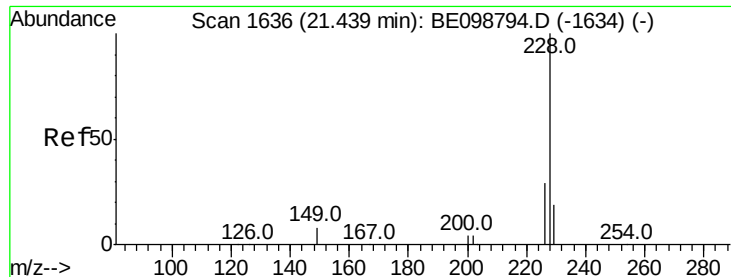


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.393 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

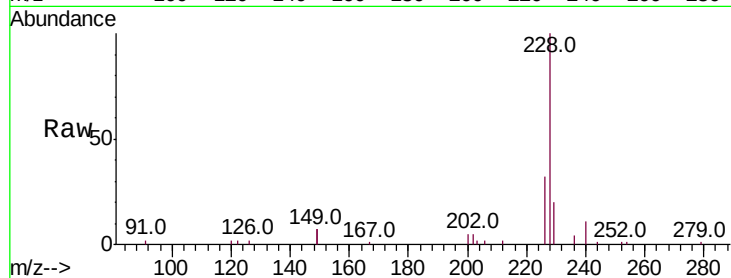
Tot Ion:228 Resp: 8669

Ion Ratio Lower Upper

228 100

226 31.9 23.7 35.5

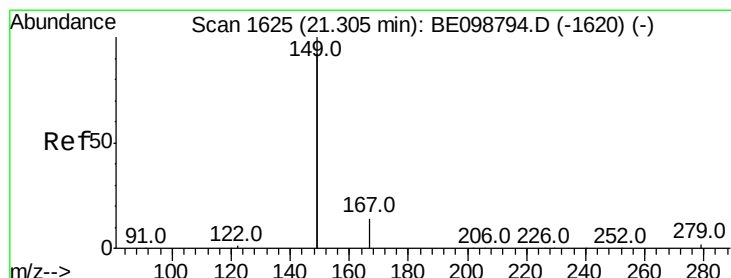
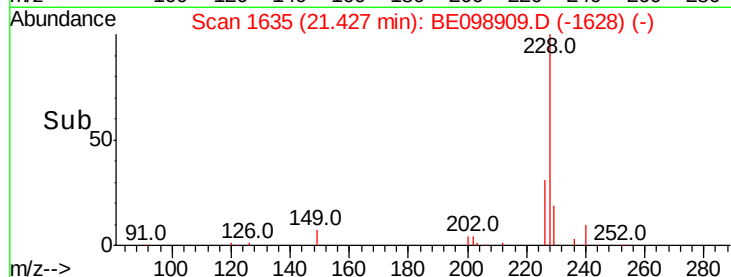
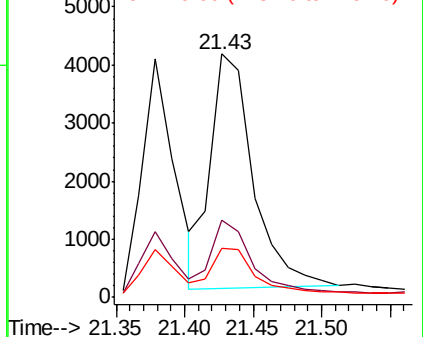
229 20.1 16.1 24.1



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: 0.285 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

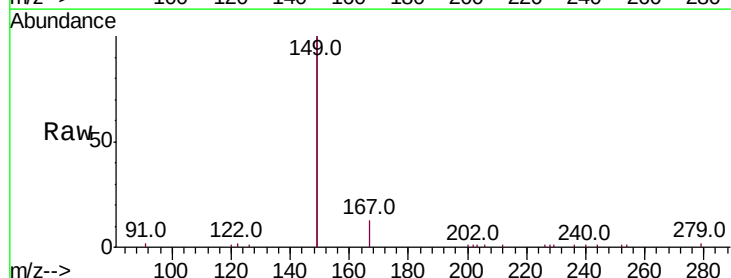
Tgt Ion:149 Resp: 12528

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

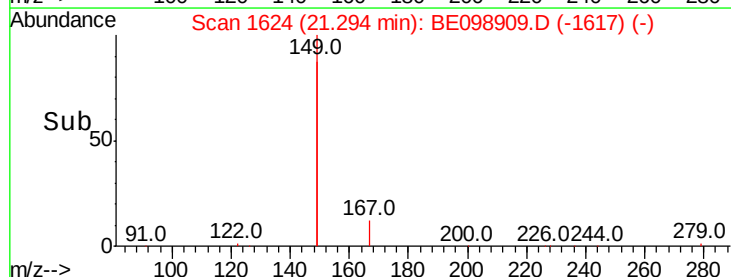
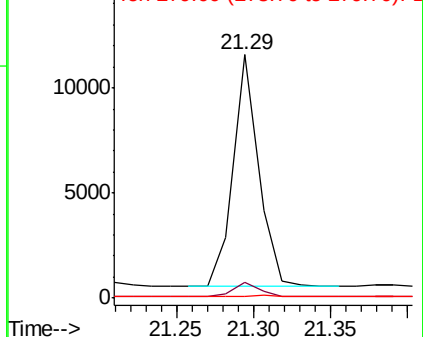
279 1.2 1.0 1.4

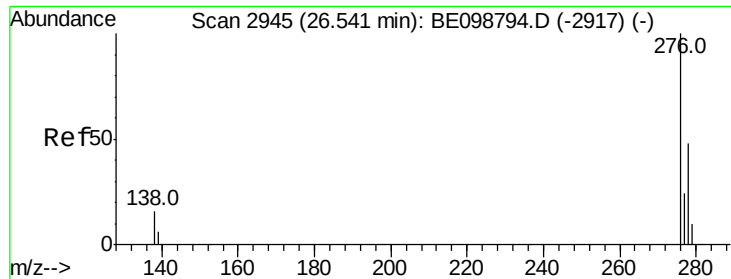


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

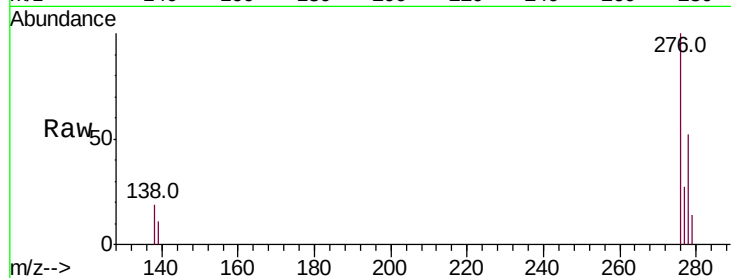




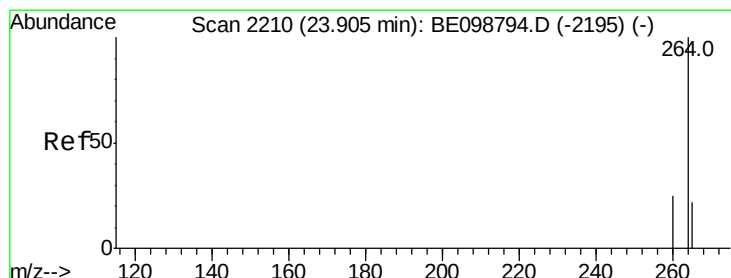
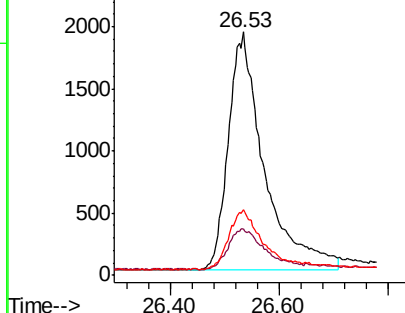
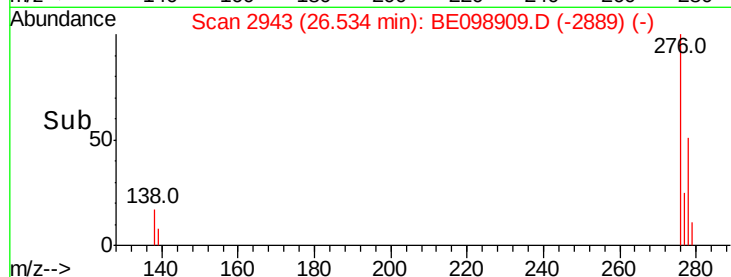
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.378 ng
 RT: 26.53 min Scan# 2943
 Delta R.T. -0.01 min
 Lab File: BE098909.D
 Acq: 13 Mar 2019 13:28

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:276 Resp: 8798
 Ion Ratio Lower Upper
 276 100
 138 17.9 13.8 20.8
 277 22.8 19.5 29.3

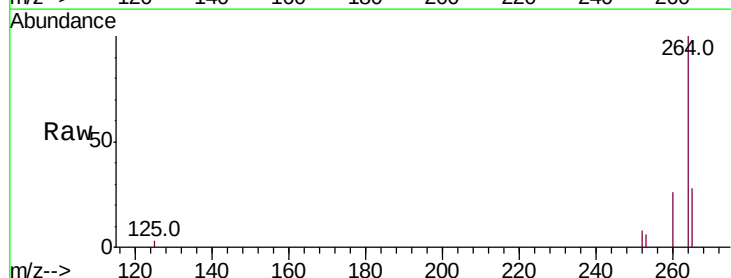


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

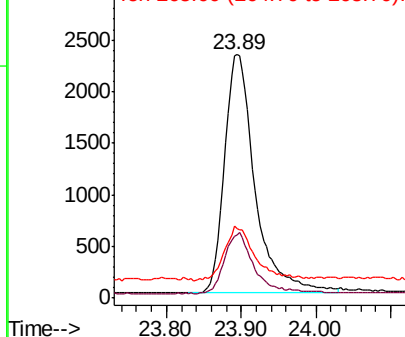
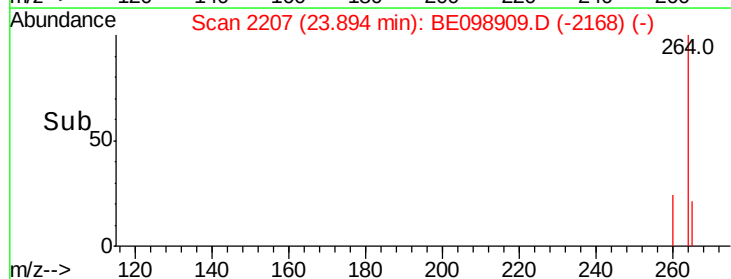


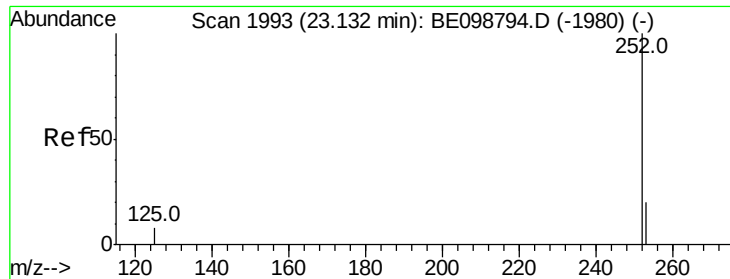
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BE098909.D
 Acq: 13 Mar 2019 13:28

Tgt Ion:264 Resp: 6546
 Ion Ratio Lower Upper
 264 100
 260 25.8 21.2 31.8
 265 28.5 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: 0.385 ng

RT: 23.18 min Scan# 2006

Delta R.T. 0.05 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

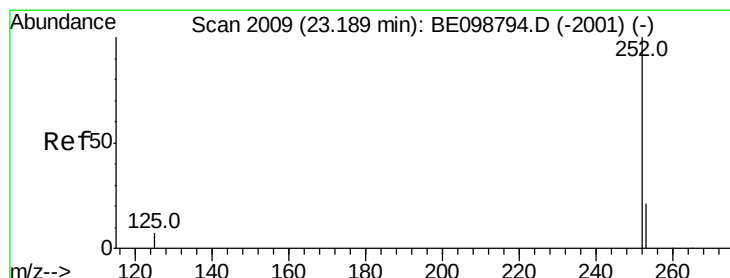
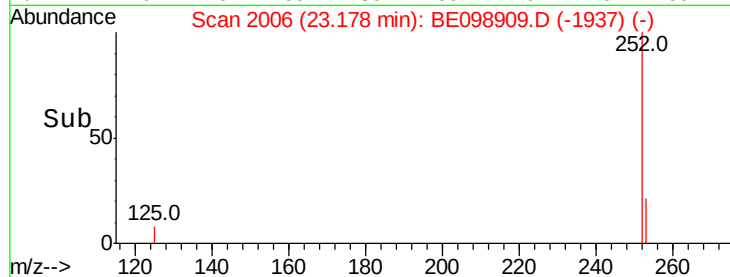
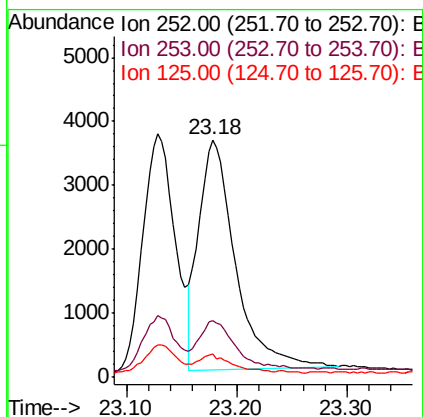
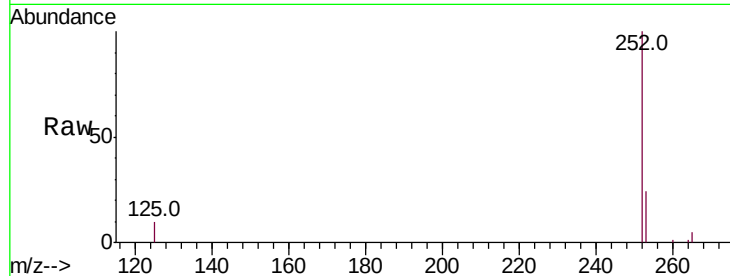
Tot Ion:252 Resp: 8277

Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.2

125 9.8 7.3 10.9



#36

Benzo(k)fluoranthene

Concen: 0.367 ng

RT: 23.18 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

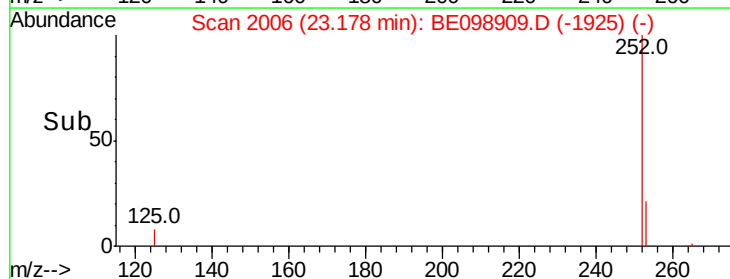
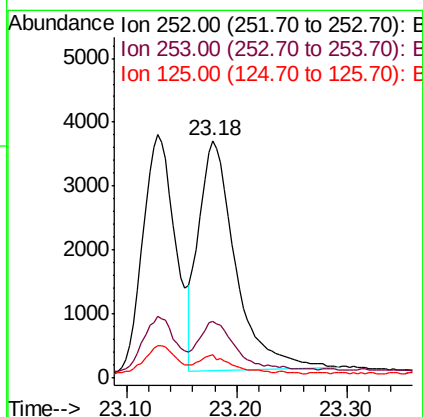
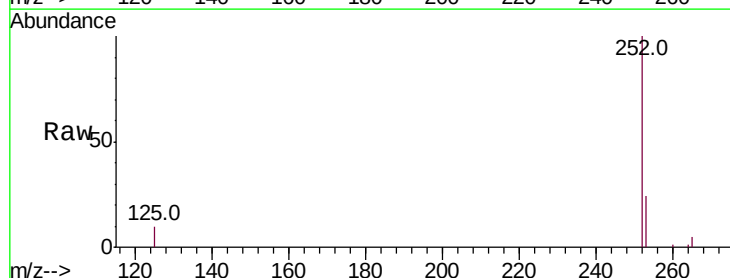
Tgt Ion:252 Resp: 8277

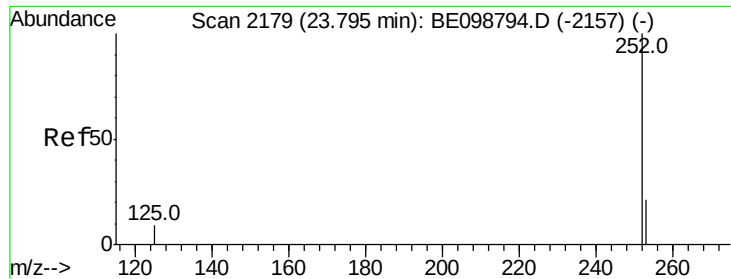
Ion Ratio Lower Upper

252 100

253 23.8 19.3 28.9

125 9.8 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.371 ng

RT: 23.78 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

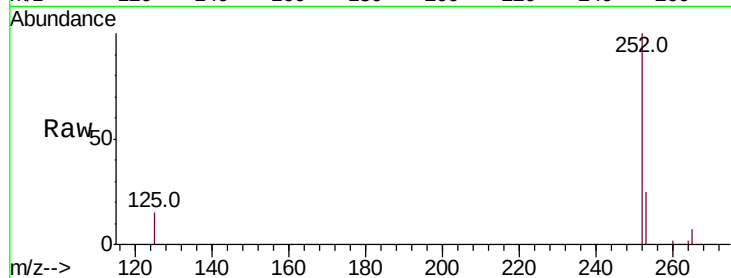
Tot Ion:252 Resp: 7663

Ion Ratio Lower Upper

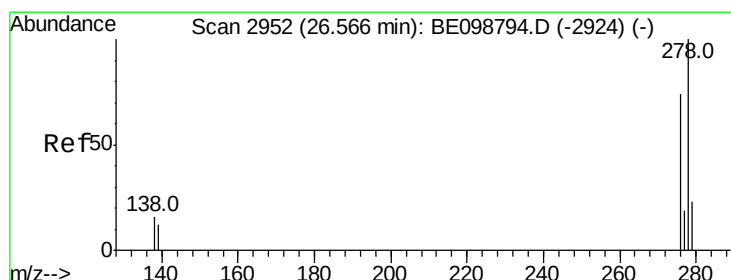
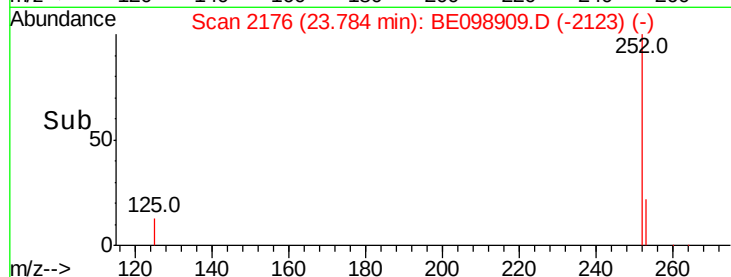
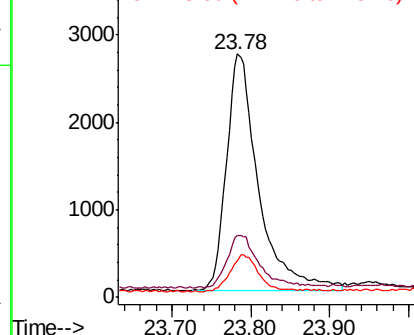
252 100

253 25.4 19.9 29.9

125 15.0 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: 0.347 ng

RT: 26.56 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BE098909.D

Acq: 13 Mar 2019 13:28

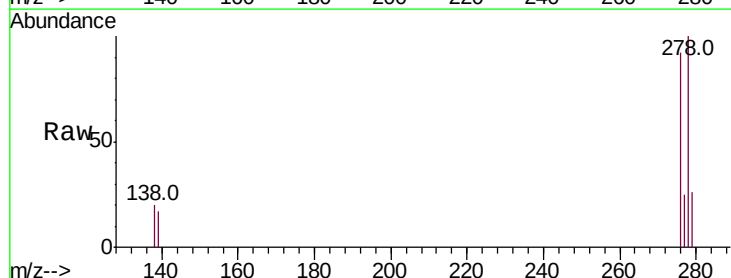
Tgt Ion:278 Resp: 6773

Ion Ratio Lower Upper

278 100

139 17.0 11.8 17.6

279 26.2 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

