

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099013.D
 Acq On : 18 Mar 2019 23:18
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 19 01:54:15 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	870	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	4105	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2611	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6127	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7200	0.40	ng	-0.01
34) Perylene-d12	23.89	264	6837	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	740	0.28	ng	0.02
5) Phenol-d6	7.00	99	1298	0.35	ng	0.01
8) Nitrobenzene-d5	8.98	82	1857	0.43	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2828	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	375	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	6167	0.57	ng	0.00
25) Fluoranthene-d10	19.24	212	35391	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	21128	1.21	ng	0.00

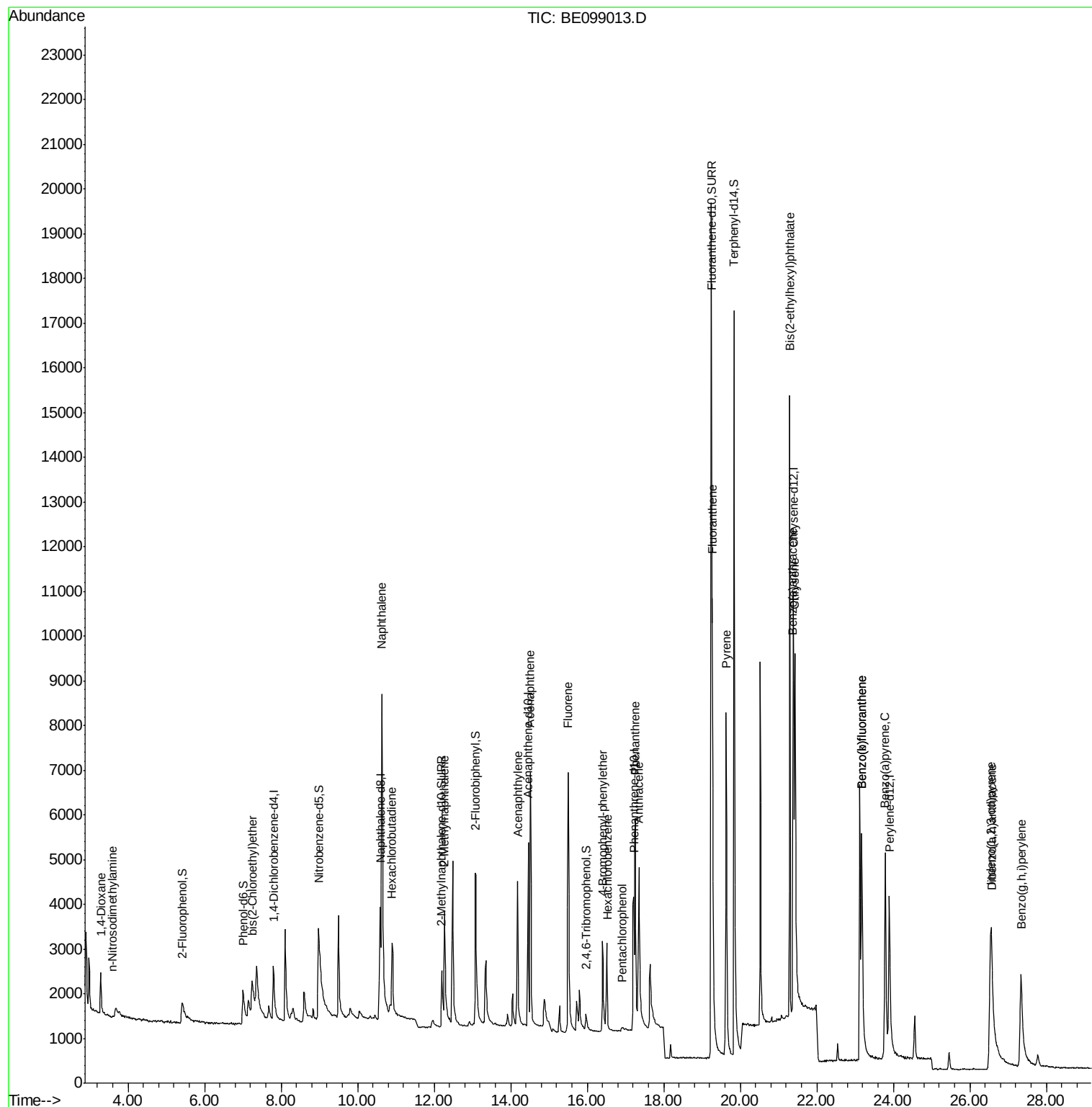
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	635	0.370	ng	95
3) n-Nitrosodimethylamine	3.59	42	44	0.020	ng	# 33
6) bis(2-Chloroethyl)ether	7.24	93	898	0.317	ng	86
9) Naphthalene	10.63	128	18627	0.396	ng	100
10) Hexachlorobutadiene	10.90	225	1133	0.364	ng	97
12) 2-Methylnaphthalene	12.27	142	2835	0.372	ng	97
16) Acenaphthylene	14.18	152	5236	0.390	ng	98
17) Acenaphthene	14.51	154	3158	0.396	ng	98
18) Fluorene	15.50	166	4310	0.375	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1492	0.449	ng	93
21) Hexachlorobenzene	16.52	284	1725	0.437	ng	97
22) Pentachlorophenol	16.91	266	148	0.375	ng	97
23) Phenanthrene	17.25	178	6989	0.401	ng	100
24) Anthracene	17.35	178	5124	0.344	ng	100
26) Fluoranthene	19.27	202	9226	0.375	ng	99
28) Pyrene	19.63	202	9529	0.433	ng	99
30) Benzo(a)anthracene	21.38	228	8324	0.370	ng	98
31) Chrysene	21.43	228	9334	0.388	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	14426	0.302	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	8478	0.334	ng	95
35) Benzo(b)fluoranthene	23.18	252	9819	0.437	ng	97
36) Benzo(k)fluoranthene	23.18	252	10524	0.447	ng	100
37) Benzo(a)pyrene	23.78	252	9087	0.422	ng	# 83
38) Dibenzo(a,h)anthracene	26.57	278	5227	0.256	ng	98
39) Benzo(g,h,i)perylene	27.34	276	7654	0.359	ng	98

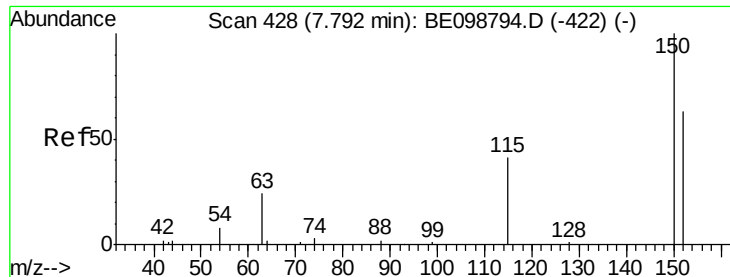
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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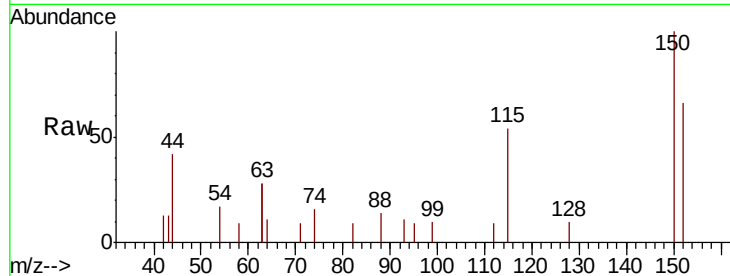


#1

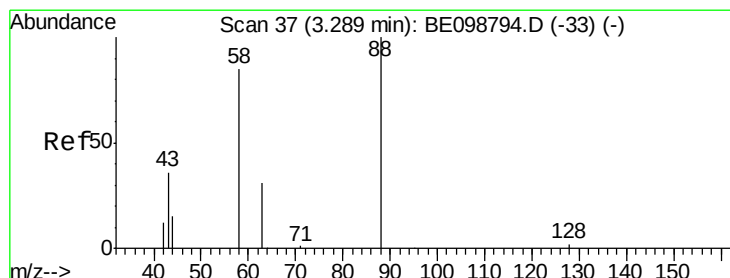
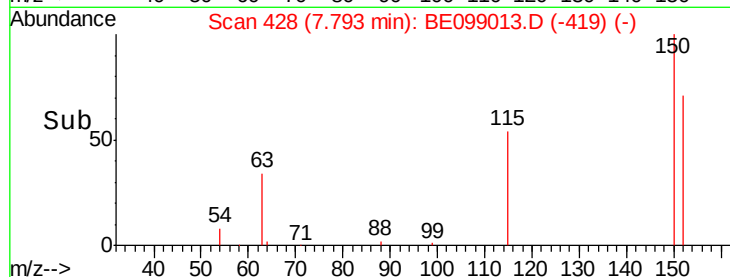
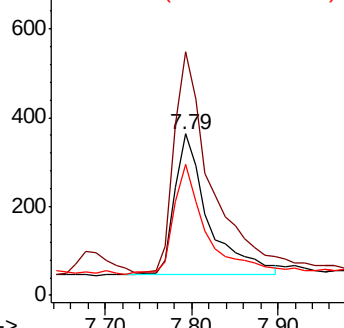
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099013.D
Acq: 18 Mar 2019 23:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 870
Ion Ratio Lower Upper
152 100
150 151.0 122.5 183.7
115 81.5 57.4 86.2



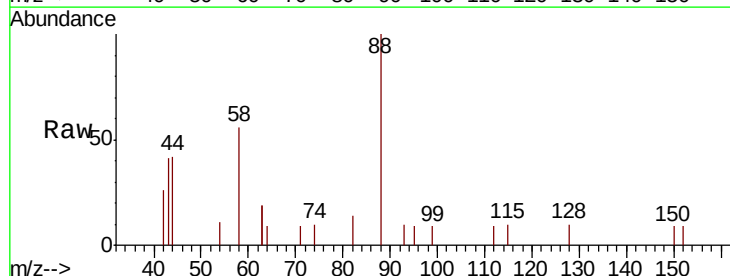
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



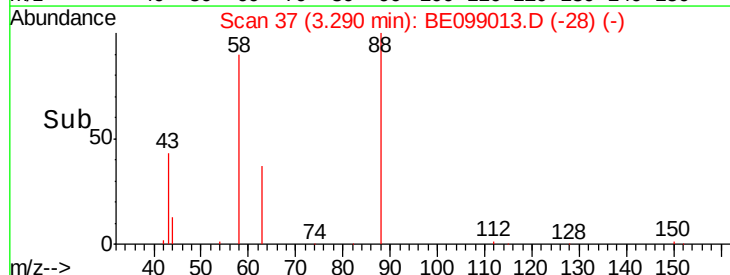
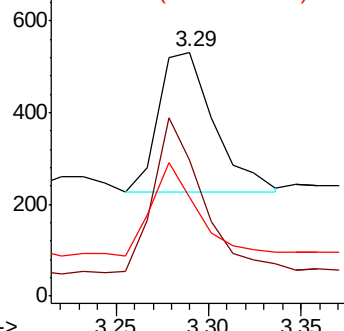
#2

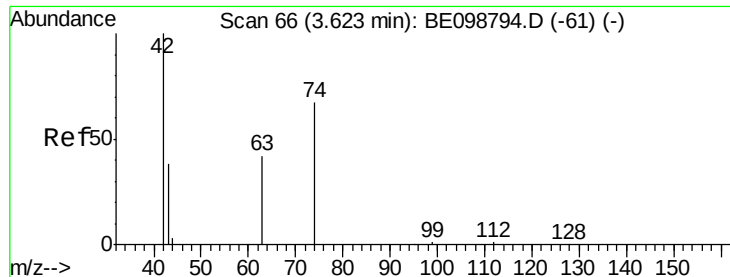
1,4-Dioxane
Concen: 0.370 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE099013.D
Acq: 18 Mar 2019 23:18

Tgt Ion: 88 Resp: 635
Ion Ratio Lower Upper
88 100
58 101.9 75.8 113.6
43 52.1 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



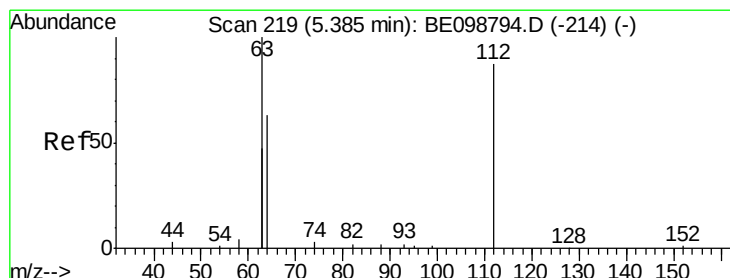
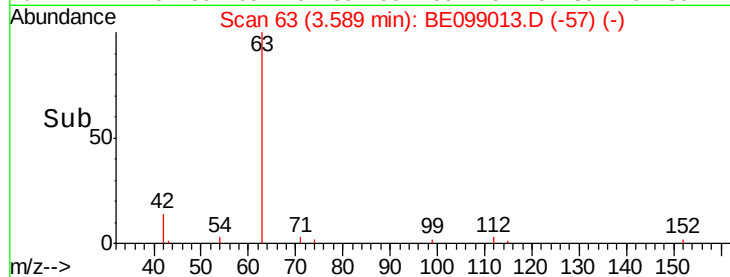
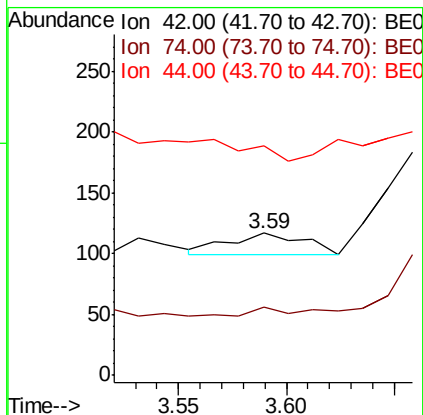
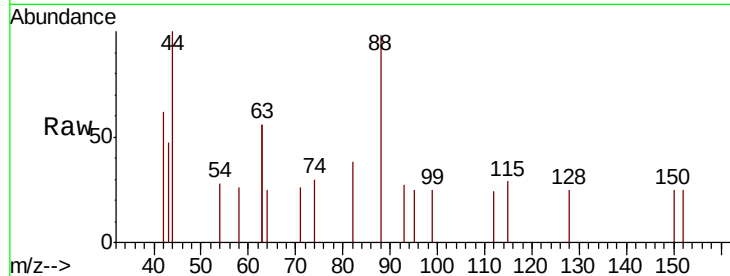


#3

n-Nitrosodimethylamine
 Concen: 0.020 ng
 RT: 3.59 min Scan# 63
 Delta R.T. -0.03 min
 Lab File: BE099013.D
 Acq: 18 Mar 2019 23:18

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

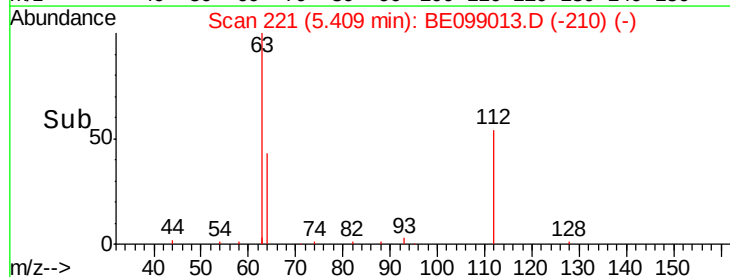
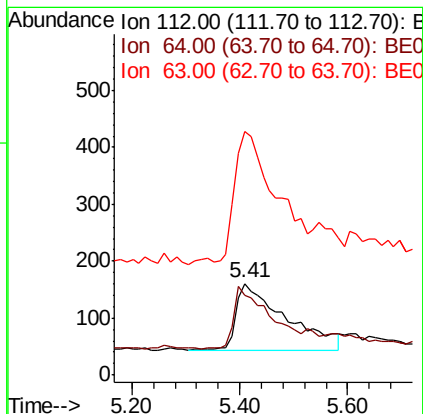
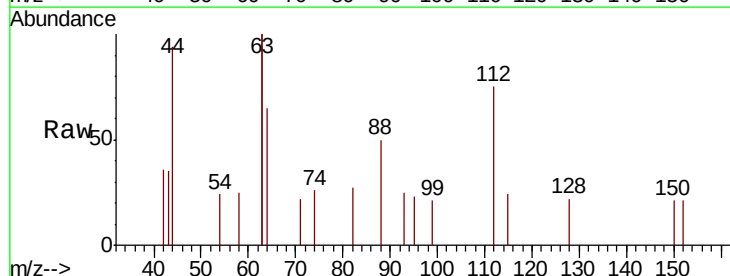
Tgt Ion: 42 Resp: 44
 Ion Ratio Lower Upper
 42 100
 74 15.9 57.0 85.4#
 44 0.0 0.0 0.0

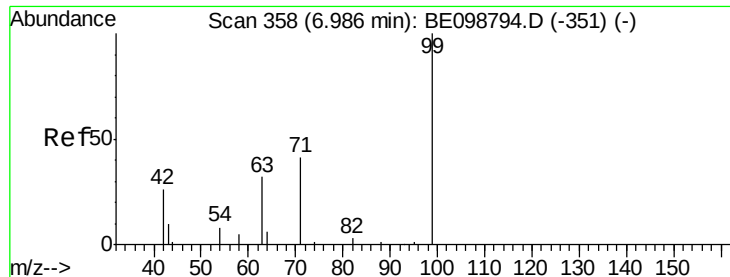


#4

2-Fluorophenol
 Concen: 0.285 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.02 min
 Lab File: BE099013.D
 Acq: 18 Mar 2019 23:18

Tgt Ion: 112 Resp: 740
 Ion Ratio Lower Upper
 112 100
 64 69.3 57.9 86.9
 63 164.2 158.3 237.5





#5

Phenol-d6

Concen: 0.353 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

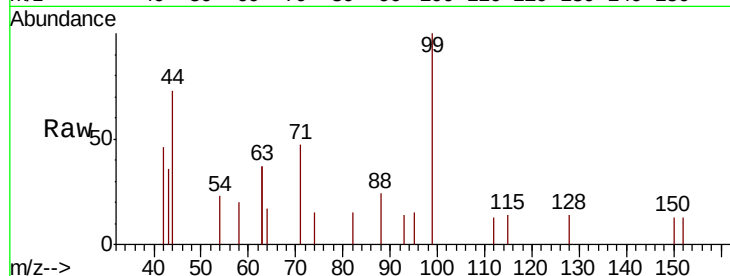
Tgt Ion: 99 Resp: 1298

Ion Ratio Lower Upper

99 100

42 29.0 24.2 36.2

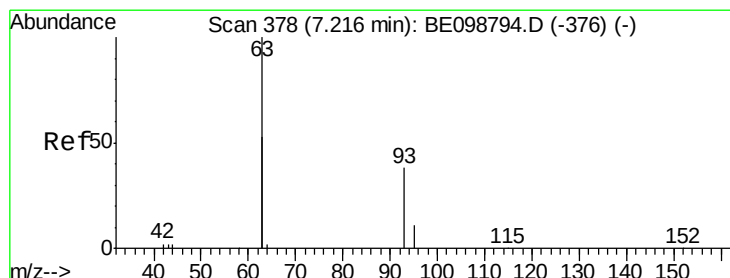
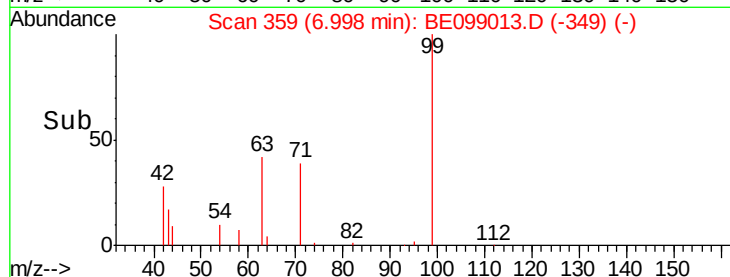
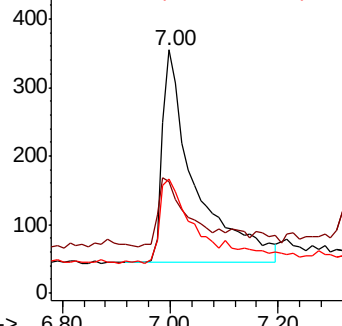
71 49.5 35.7 53.5



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: 0.317 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.02 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

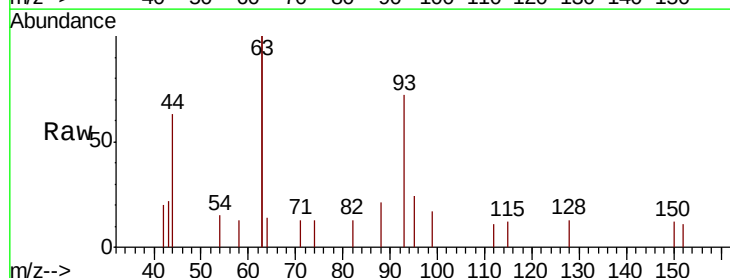
Tgt Ion: 93 Resp: 898

Ion Ratio Lower Upper

93 100

63 280.5 247.5 371.3

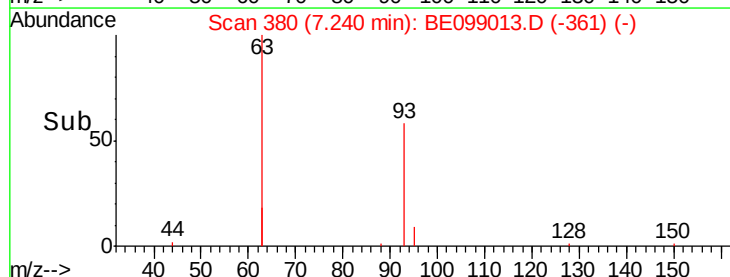
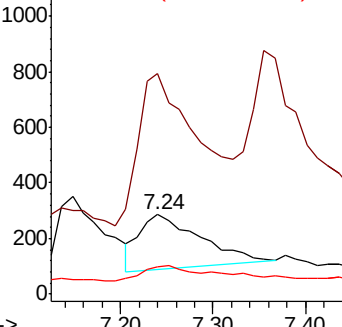
95 29.1 21.8 32.8

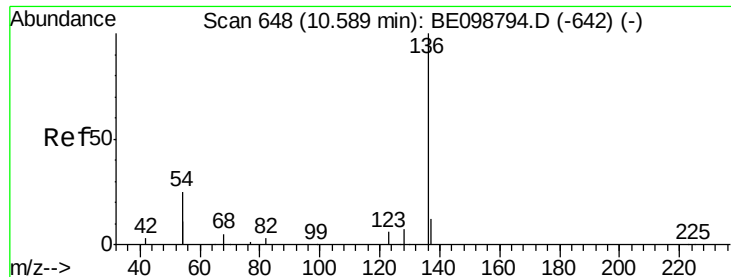


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 4105

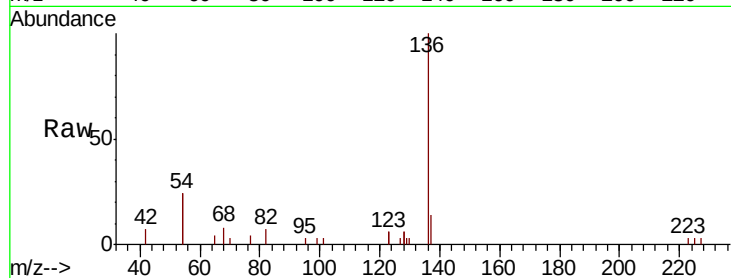
Ion Ratio Lower Upper

136 100

137 13.7 11.4 17.0

54 47.7 39.3 58.9

68 7.5 6.7 10.1

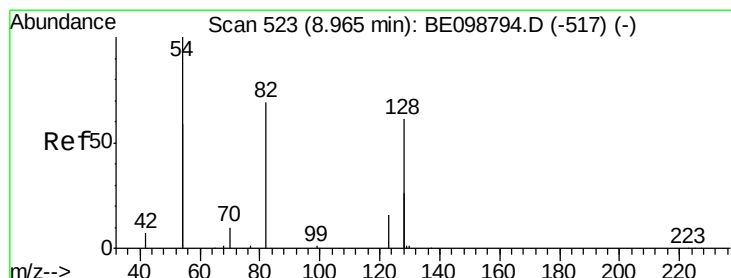
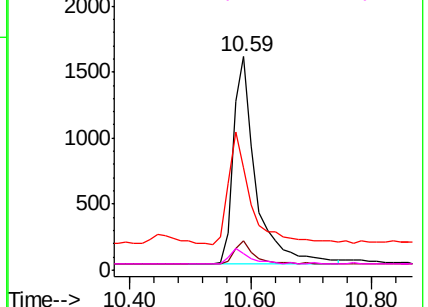
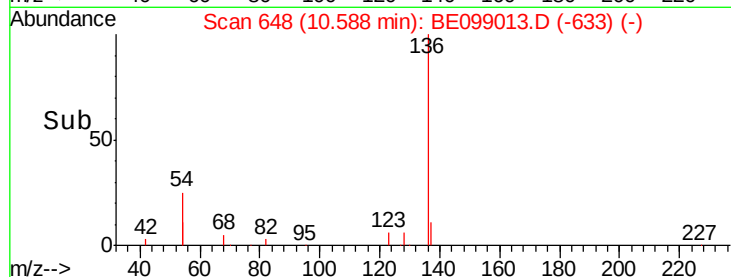


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.431 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

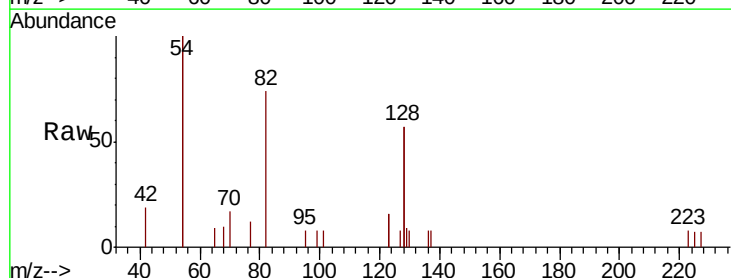
Tgt Ion: 82 Resp: 1857

Ion Ratio Lower Upper

82 100

128 152.7 123.8 185.8

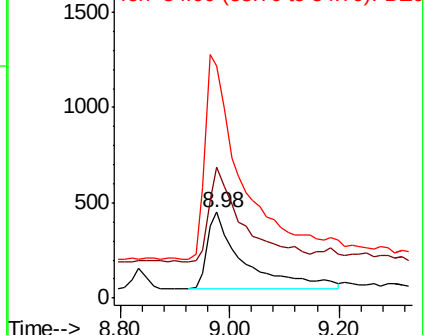
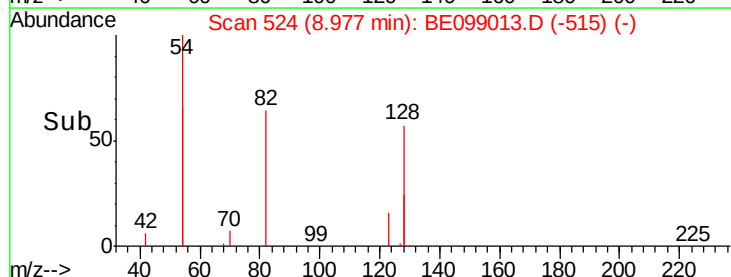
54 269.5 203.4 305.2

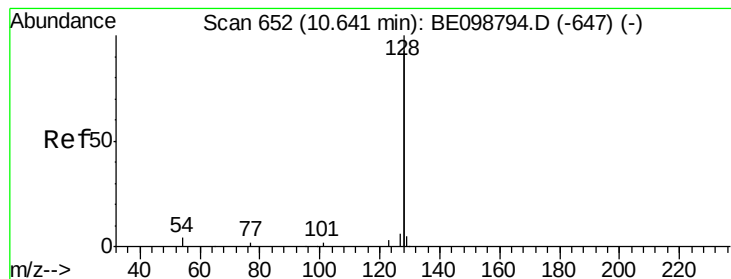


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

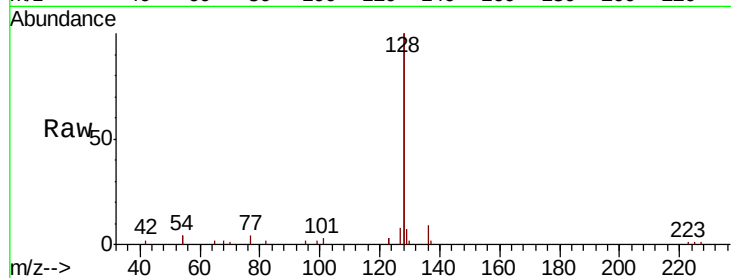
Tgt Ion:128 Resp: 18627

Ion Ratio Lower Upper

128 100

129 3.3 2.6 4.0

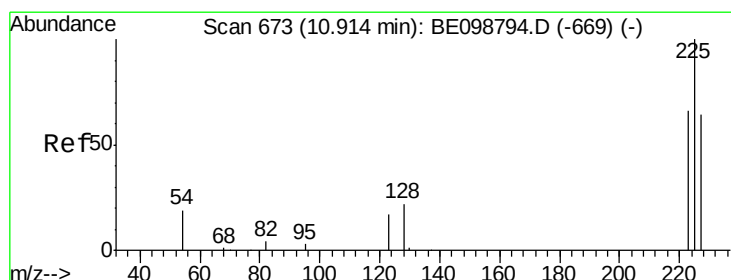
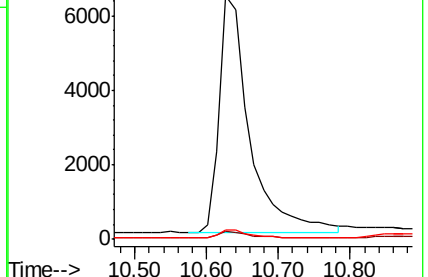
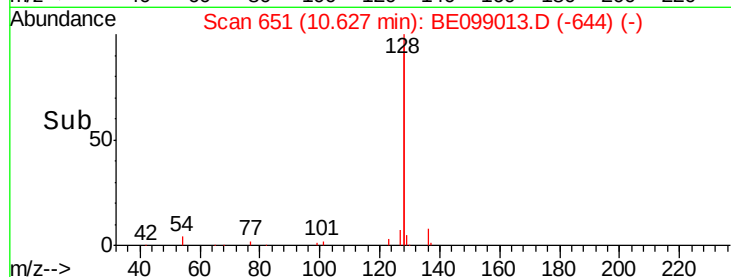
127 4.1 3.1 4.7



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: 0.364 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.01 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

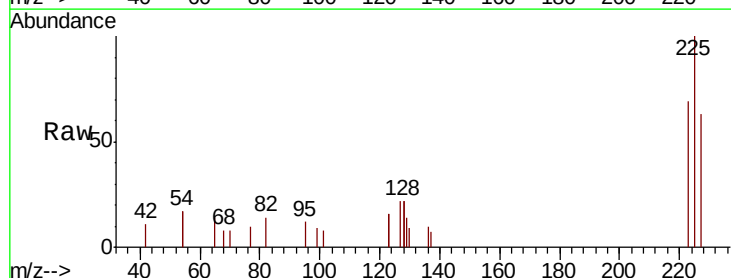
Tgt Ion:225 Resp: 1133

Ion Ratio Lower Upper

225 100

223 66.0 51.1 76.7

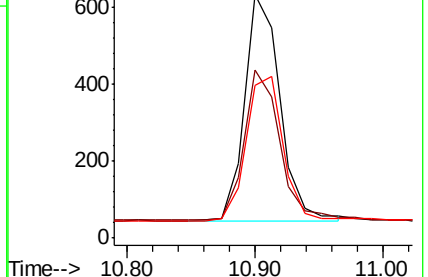
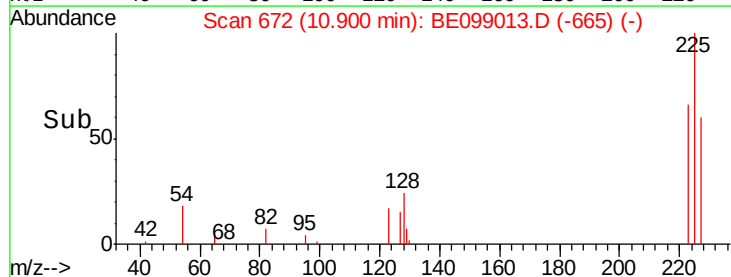
227 66.6 51.6 77.4

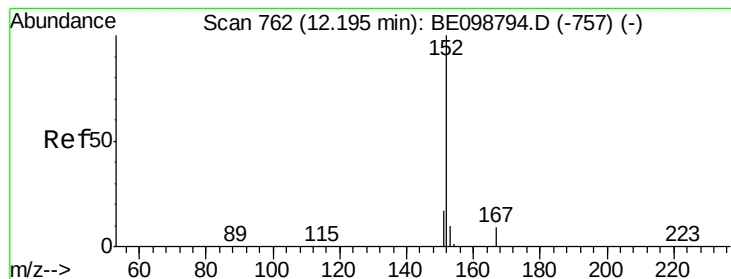


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

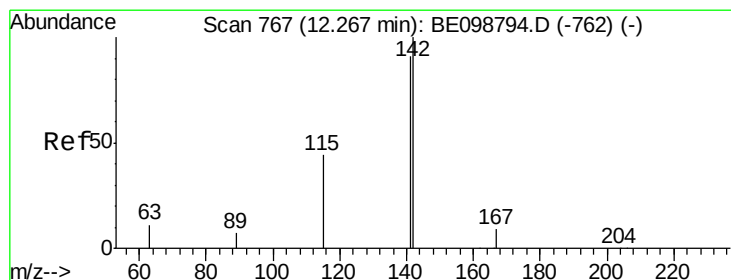
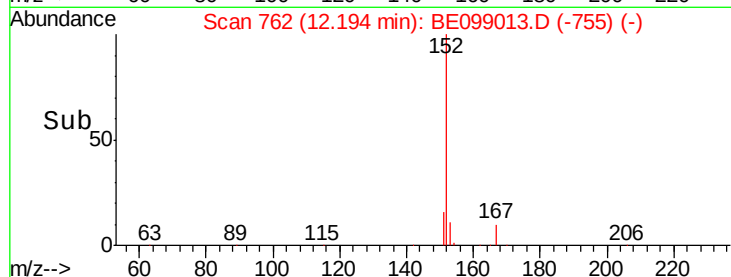
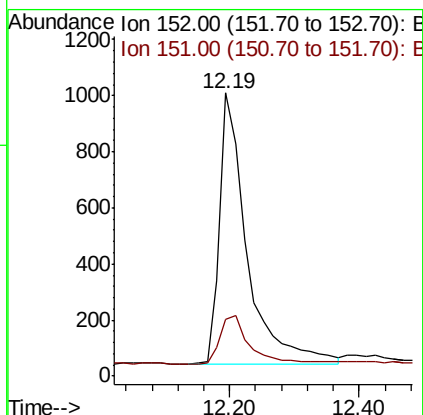
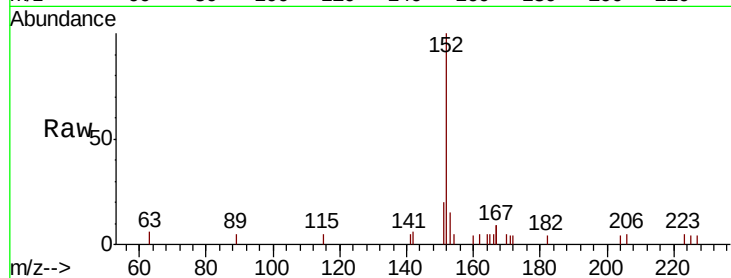




#11
 2-Methylnaphthalene-d10
 Concen: 0.373 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099013.D
 Acq: 18 Mar 2019 23:18

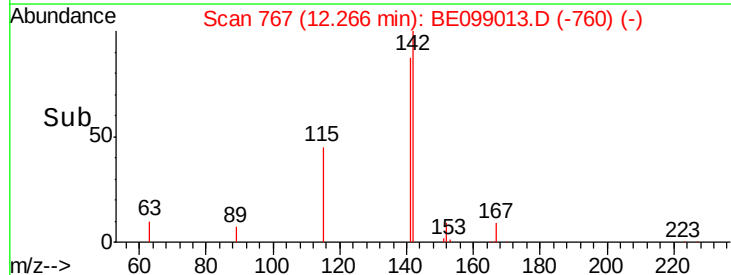
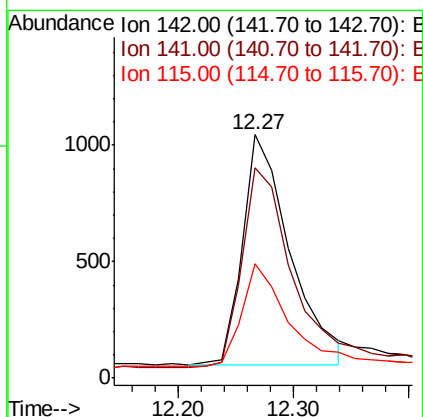
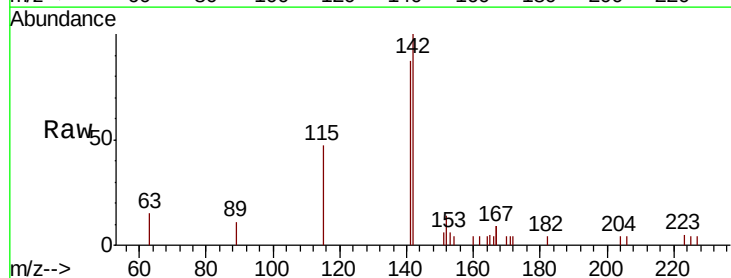
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

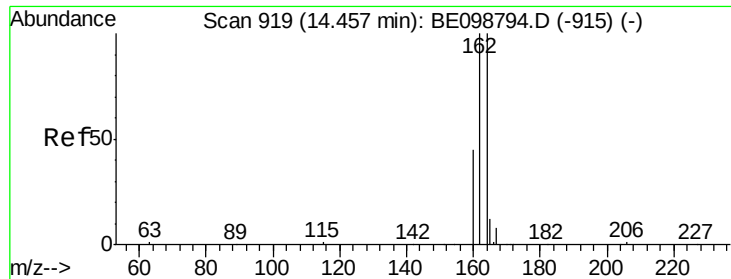
Tgt Ion:152 Resp: 2828
 Ion Ratio Lower Upper
 152 100
 151 18.8 16.5 24.7



#12
 2-Methylnaphthalene
 Concen: 0.372 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE099013.D
 Acq: 18 Mar 2019 23:18

Tgt Ion:142 Resp: 2835
 Ion Ratio Lower Upper
 142 100
 141 86.5 72.6 108.8
 115 47.0 37.4 56.2

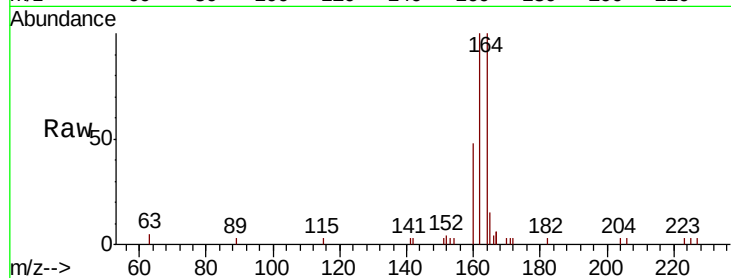




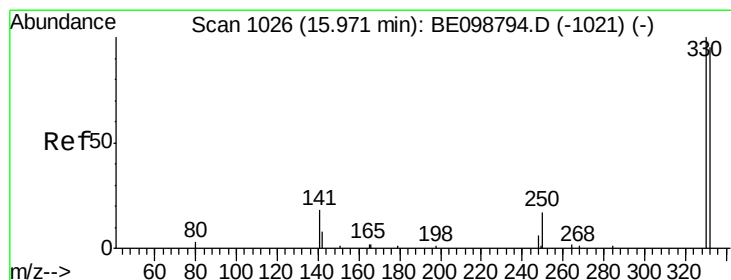
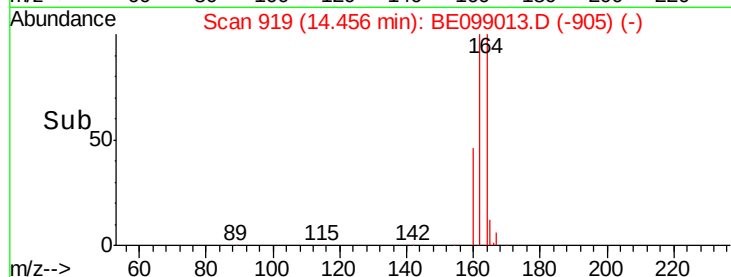
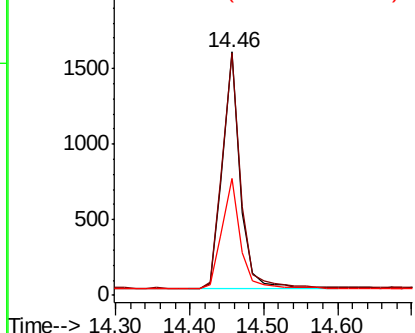
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099013.D
Acq: 18 Mar 2019 23:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2611
Ion Ratio Lower Upper
164 100
162 99.6 80.2 120.2
160 48.0 37.8 56.8

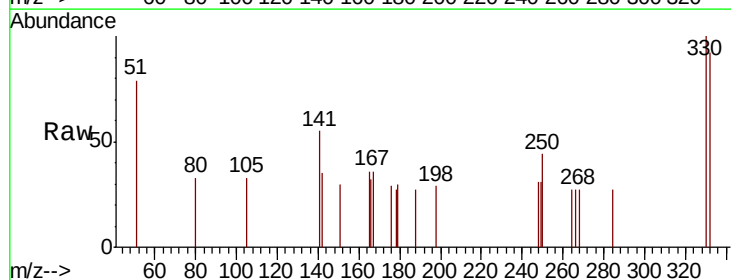


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

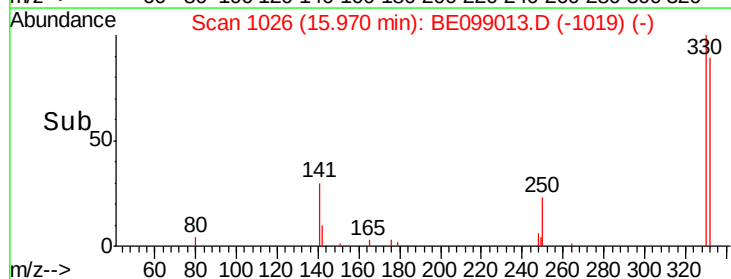
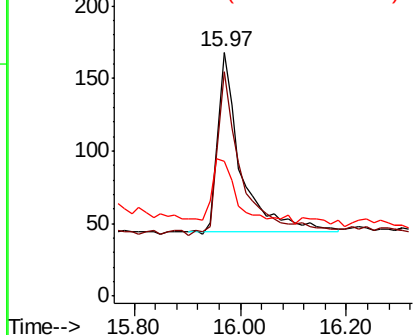


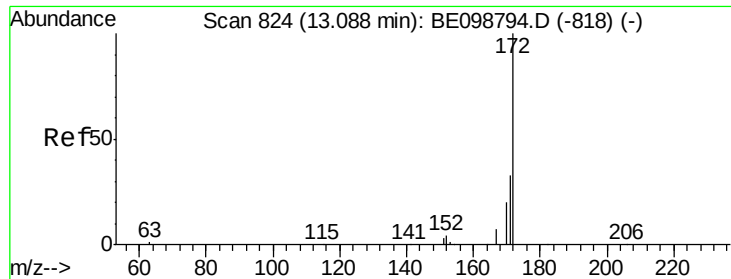
#14
2,4,6-Tribromophenol
Concen: 0.285 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE099013.D
Acq: 18 Mar 2019 23:18

Tgt Ion:330 Resp: 375
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 39.5 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

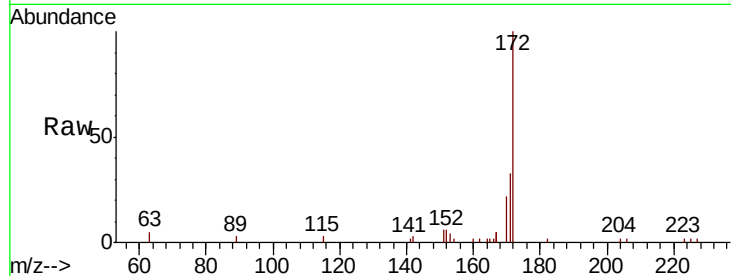




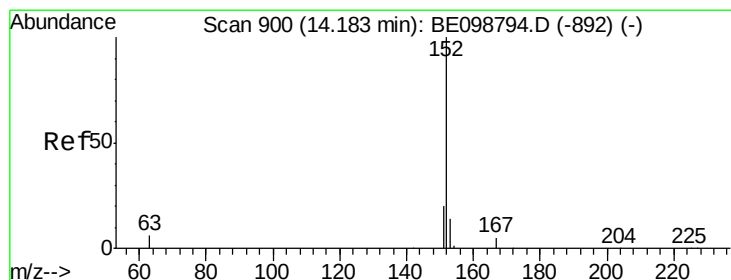
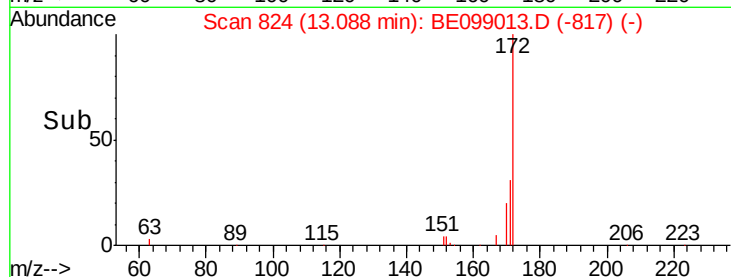
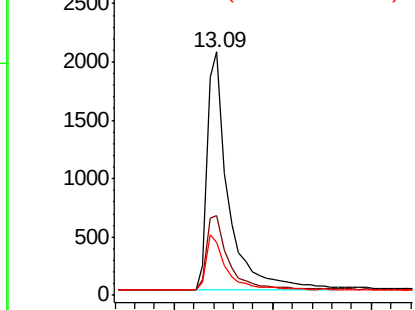
#15
2-Fluorobiphenyl
Concen: 0.570 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099013.D
Acq: 18 Mar 2019 23:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6167
Ion Ratio Lower Upper
172 100
171 33.0 28.0 42.0
170 21.9 17.7 26.5

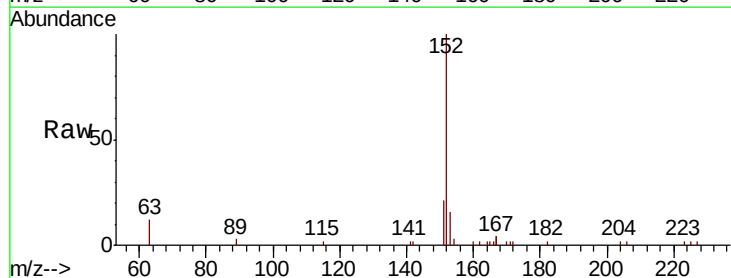


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

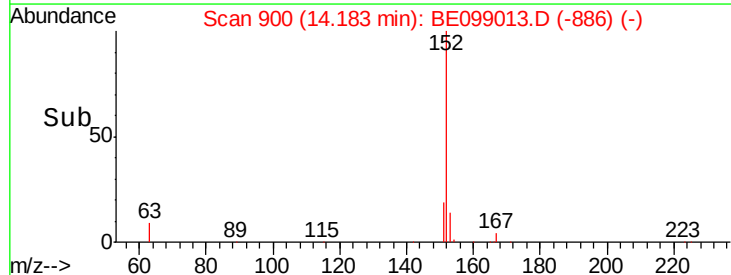
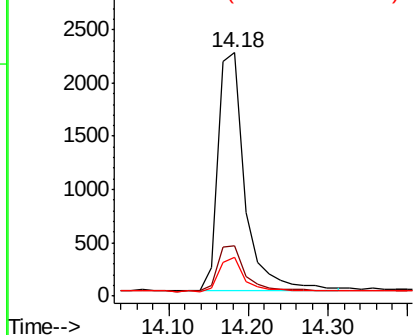


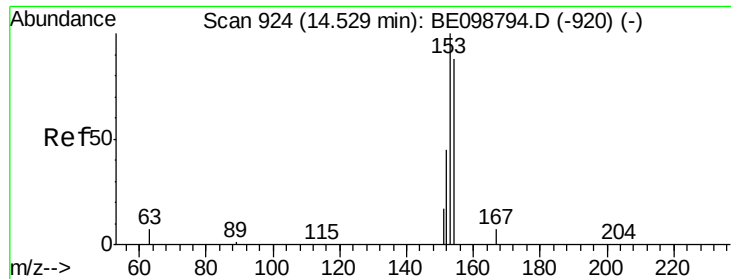
#16
Acenaphthylene
Concen: 0.390 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099013.D
Acq: 18 Mar 2019 23:18

Tgt Ion:152 Resp: 5236
Ion Ratio Lower Upper
152 100
151 19.7 17.0 25.6
153 13.6 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: 0.396 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

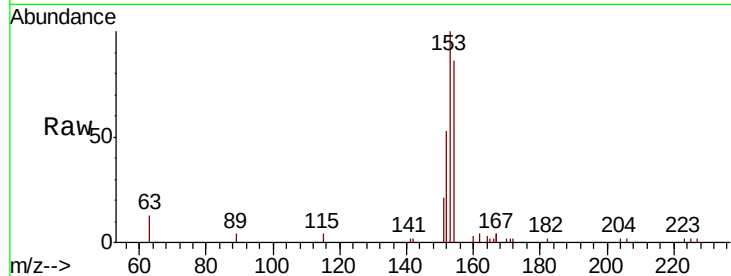
Tgt Ion:154 Resp: 3158

Ion Ratio Lower Upper

154 100

153 115.0 94.2 141.4

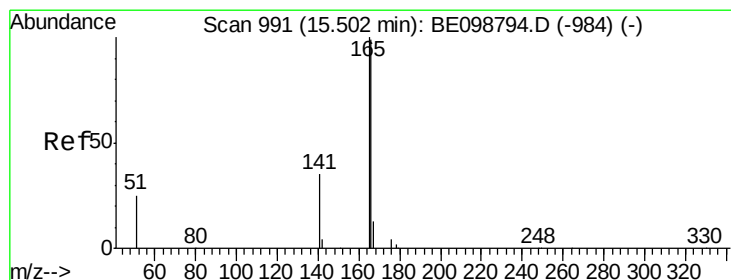
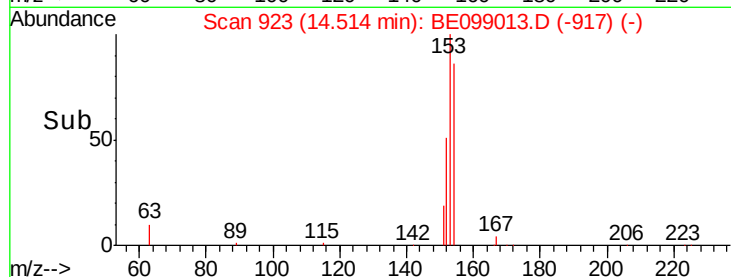
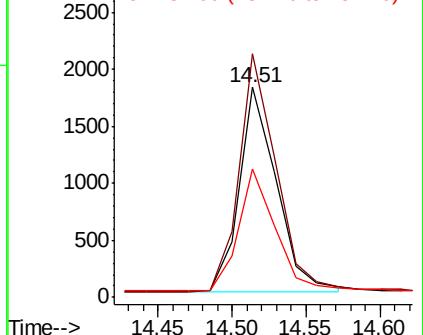
152 57.9 45.0 67.4



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: 0.375 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

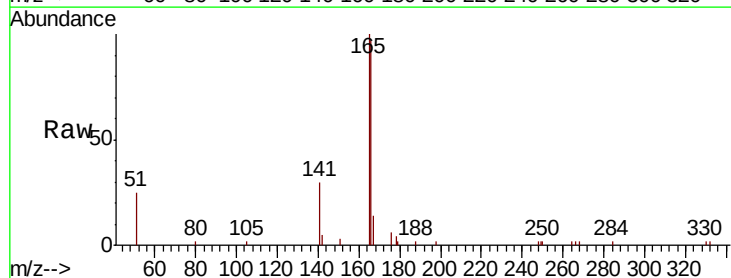
Tgt Ion:166 Resp: 4310

Ion Ratio Lower Upper

166 100

165 100.5 79.3 118.9

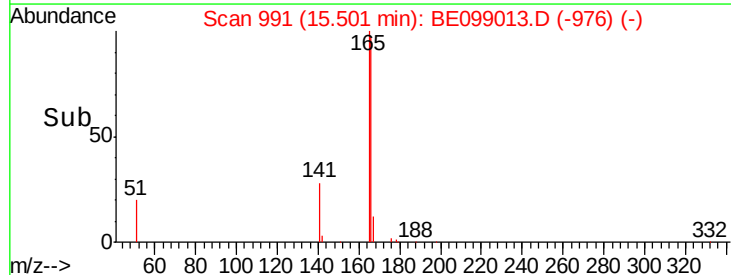
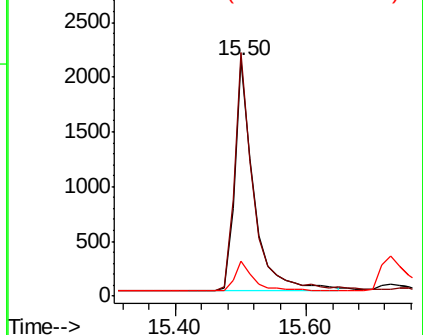
167 13.4 10.5 15.7

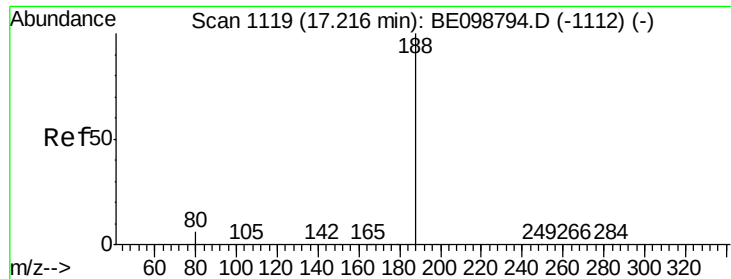


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099013.D

Acq: 18 Mar 2019 23:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

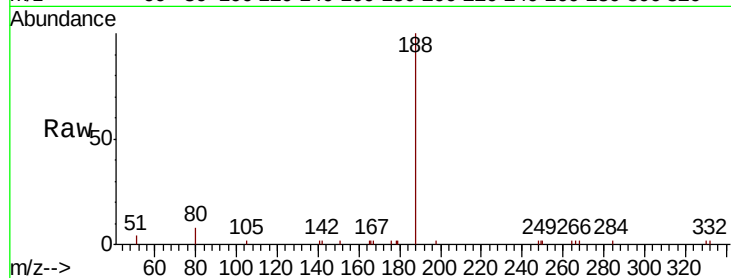
Tgt Ion:188 Resp: 6127

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

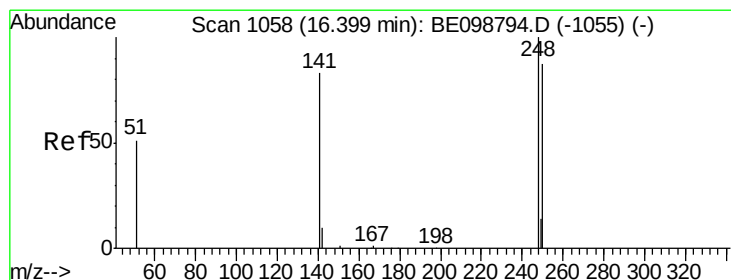
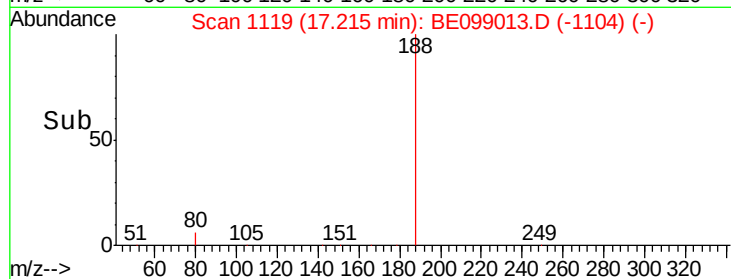
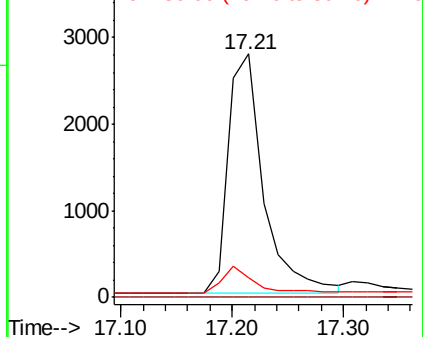
80 8.2 6.3 9.5



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: 0.449 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

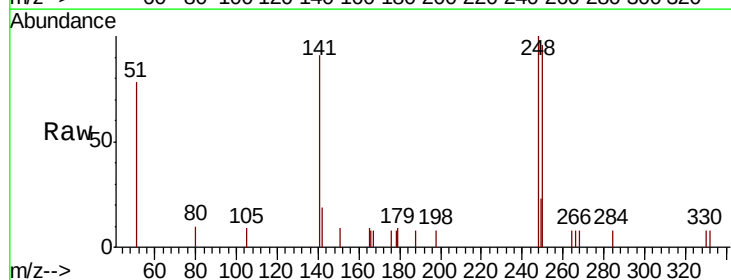
Tgt Ion:248 Resp: 1492

Ion Ratio Lower Upper

248 100

250 95.5 70.6 105.8

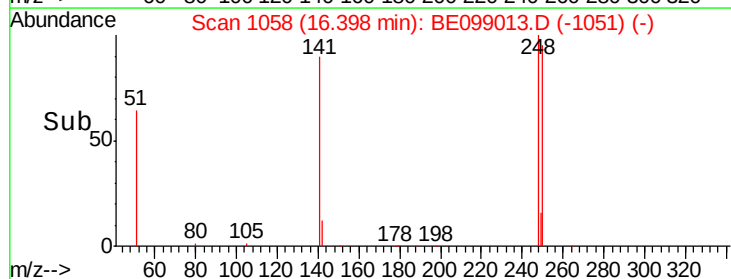
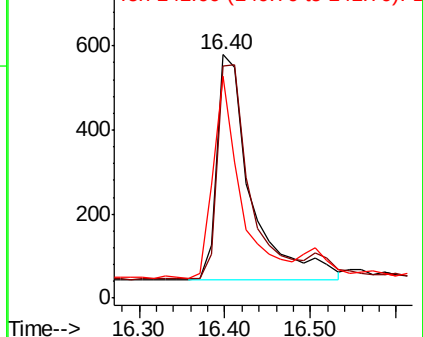
141 91.4 68.6 102.8

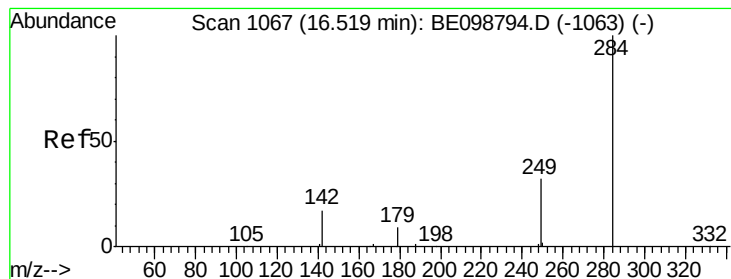


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.437 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

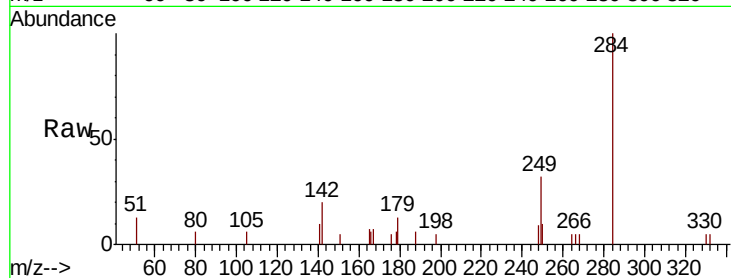
Tgt Ion:284 Resp: 1725

Ion Ratio Lower Upper

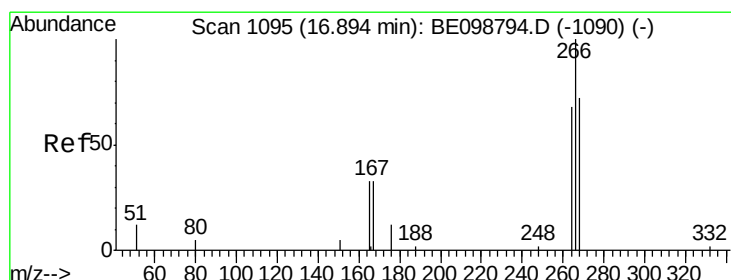
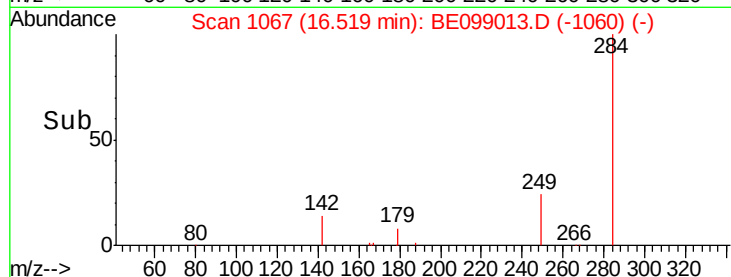
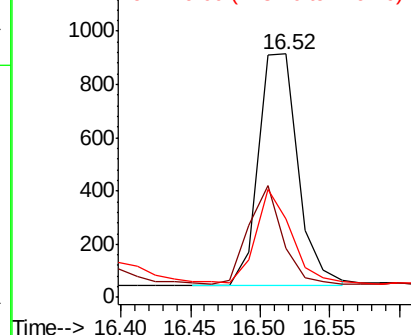
284 100

142 36.7 28.7 43.1

249 34.1 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: 0.375 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

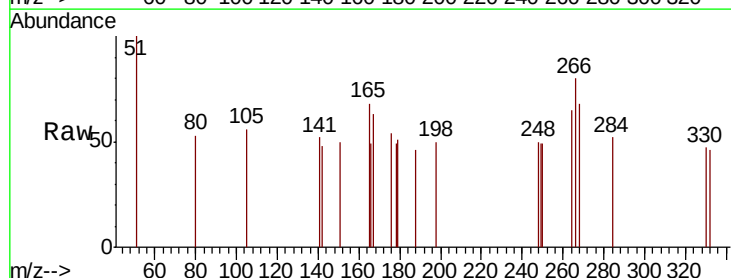
Tgt Ion:266 Resp: 148

Ion Ratio Lower Upper

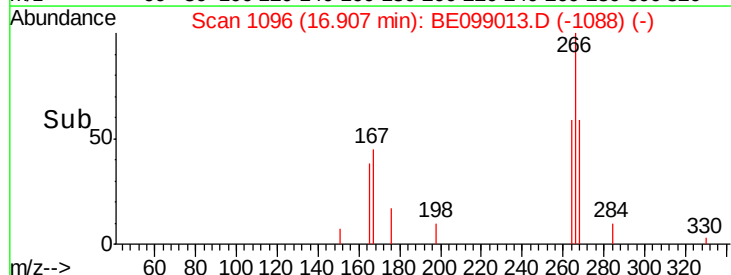
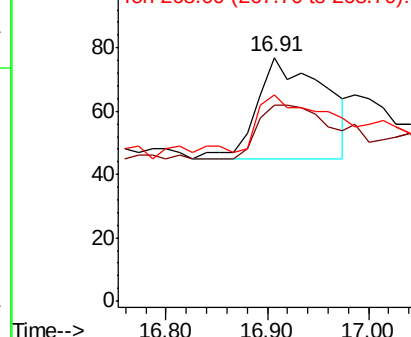
266 100

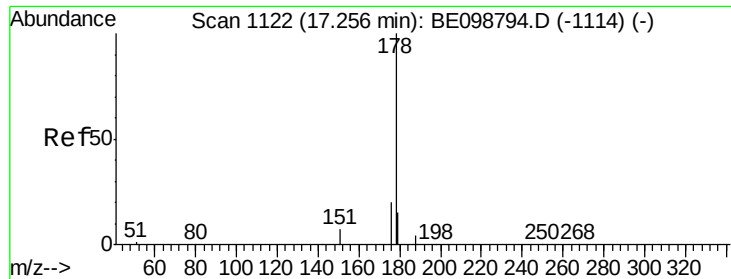
264 80.5 66.6 100.0

268 84.4 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: 0.401 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

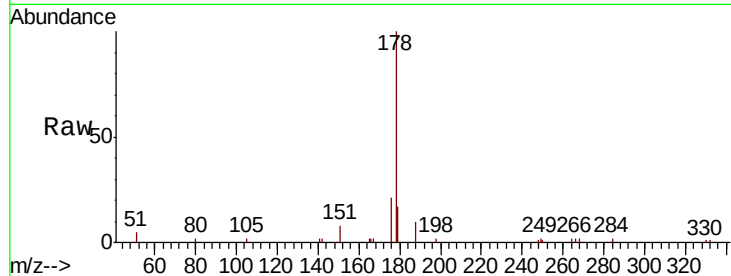
Tgt Ion:178 Resp: 6989

Ion Ratio Lower Upper

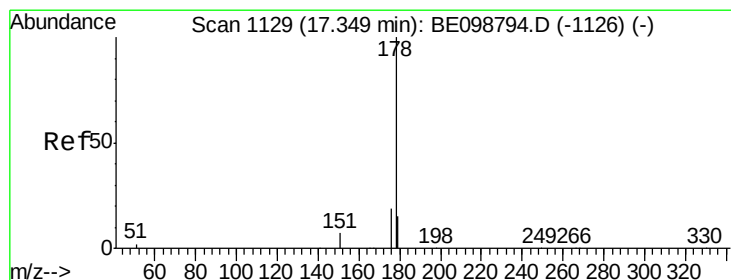
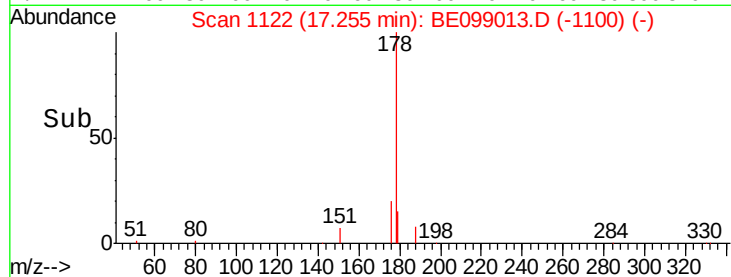
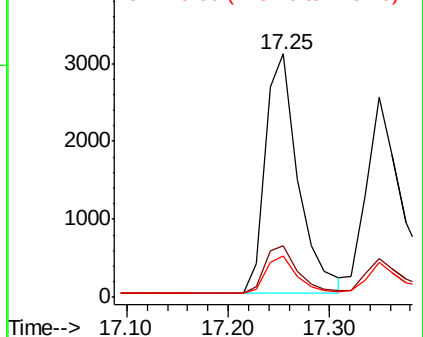
178 100

176 20.1 16.0 24.0

179 14.9 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: 0.344 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

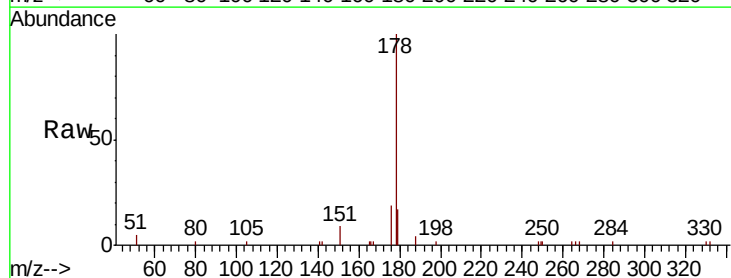
Tgt Ion:178 Resp: 5124

Ion Ratio Lower Upper

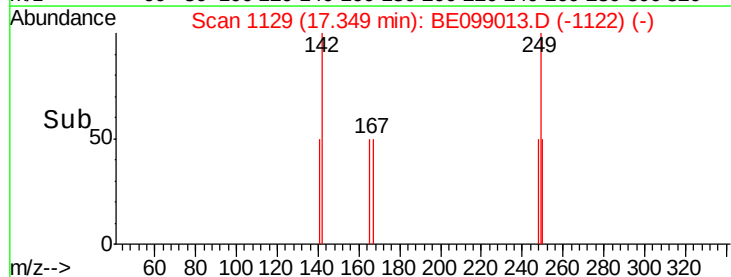
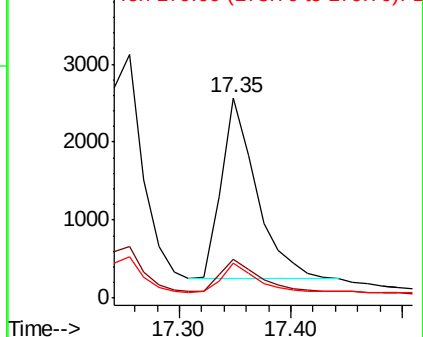
178 100

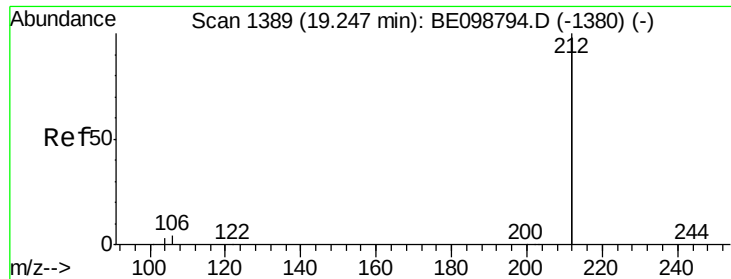
176 19.3 15.4 23.0

179 15.6 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: 0.362 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

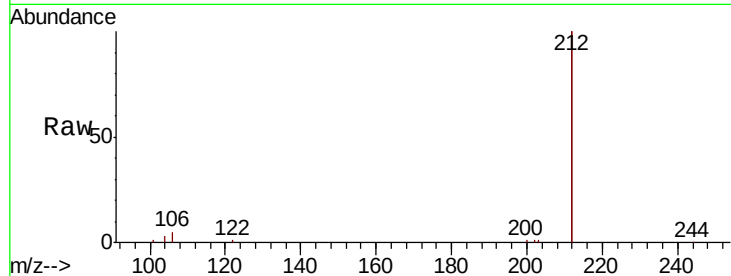
Instrument :

BNA_E

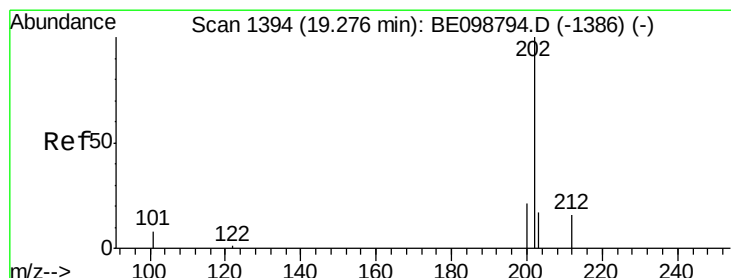
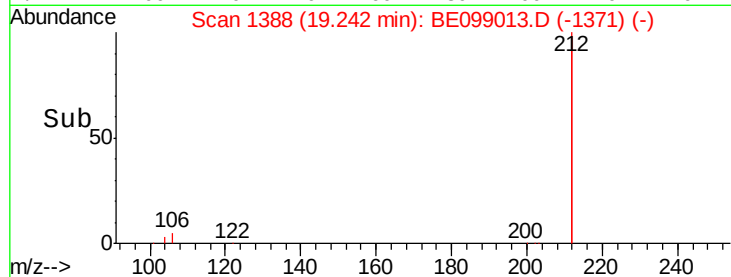
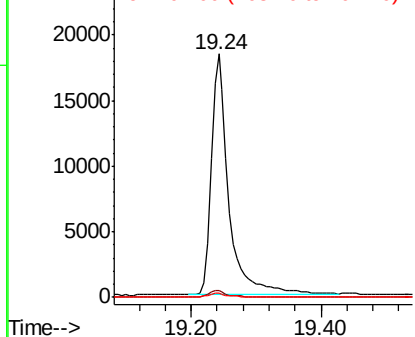
ClientSampleId :

SSTDCCC0.4

Tgt Ion:	212	Resp:	35391
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: 0.375 ng

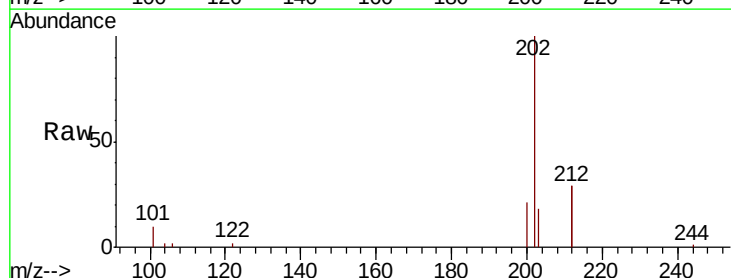
RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

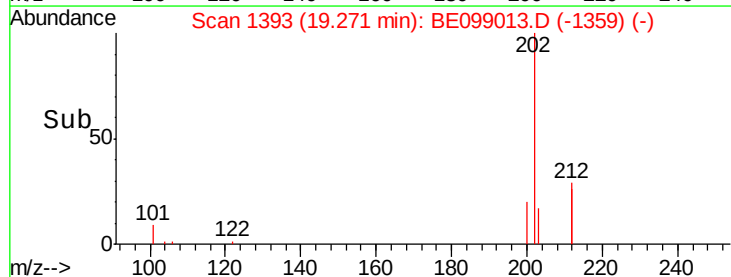
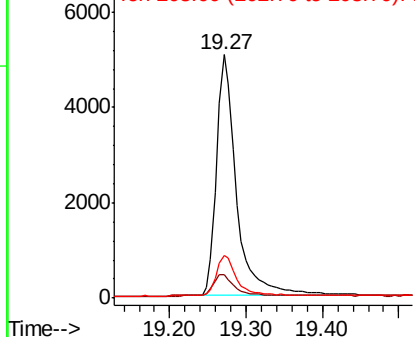
Lab File: BE099013.D

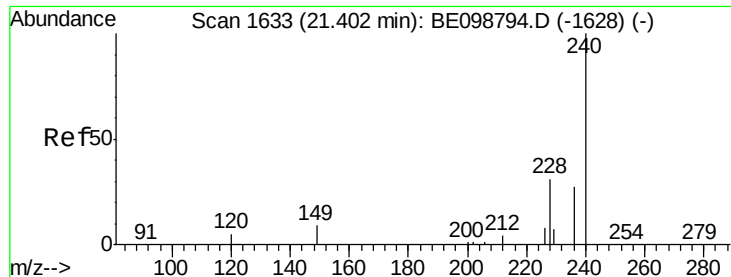
Acq: 18 Mar 2019 23:18

Tgt Ion:	202	Resp:	9226
Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.3	10.9
203	16.7	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: BE099013.D

Acq: 18 Mar 2019 23:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

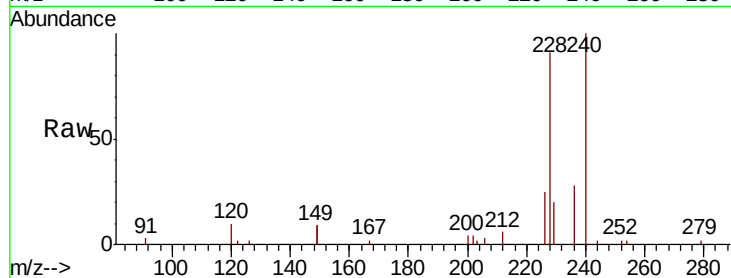
Tgt Ion:240 Resp: 7200

Ion Ratio Lower Upper

240 100

120 10.3 5.0 7.4#

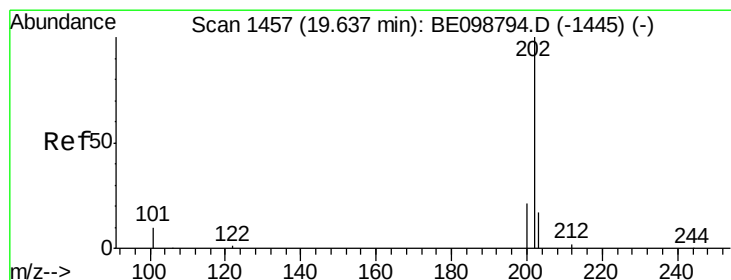
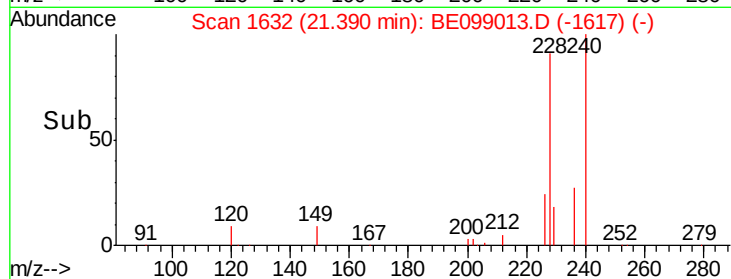
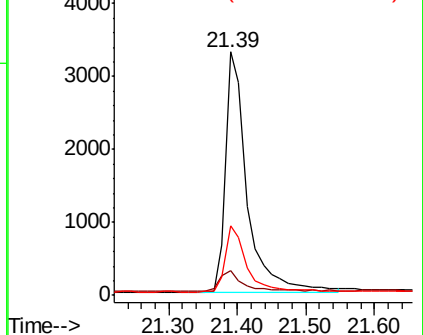
236 28.4 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.433 ng

RT: 19.63 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

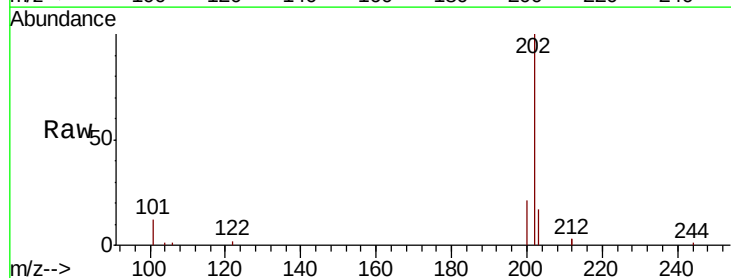
Tgt Ion:202 Resp: 9529

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

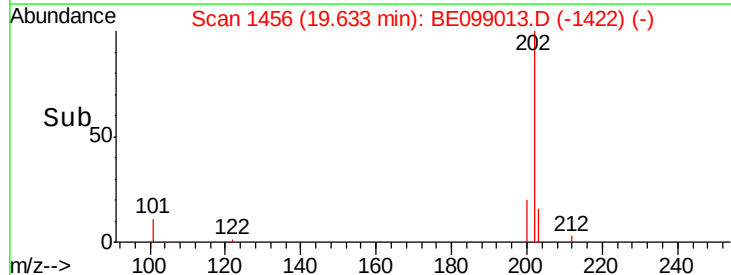
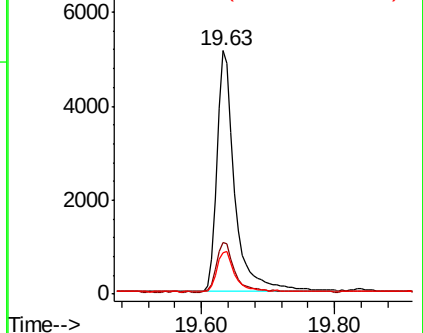
203 16.6 14.2 21.2

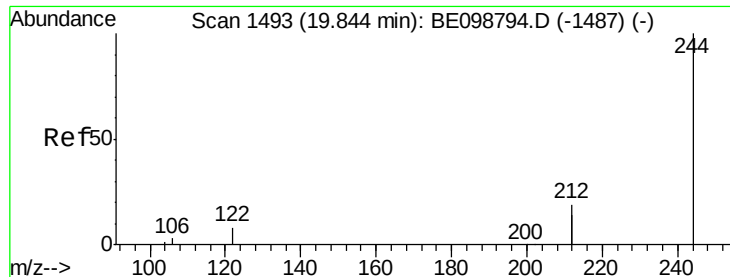


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.207 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

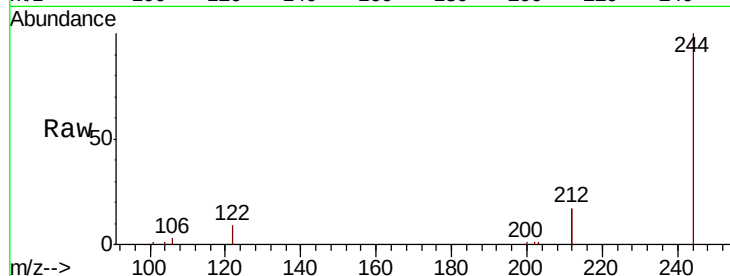
Tgt Ion:244 Resp: 21128

Ion Ratio Lower Upper

244 100

212 34.8 29.4 44.2

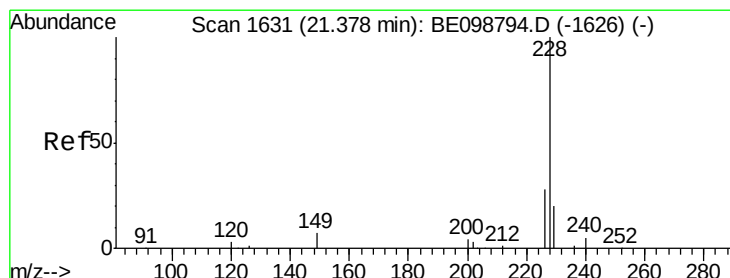
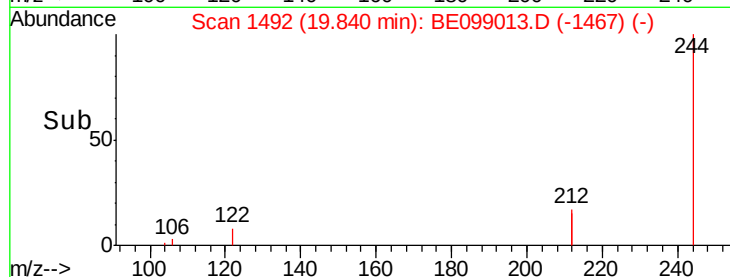
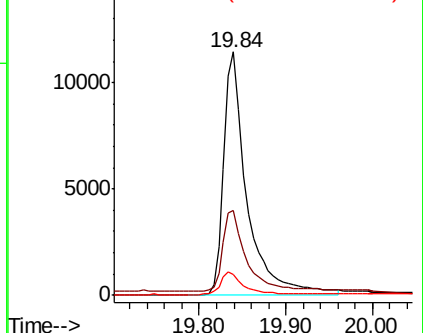
122 8.7 7.1 10.7



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: 0.370 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

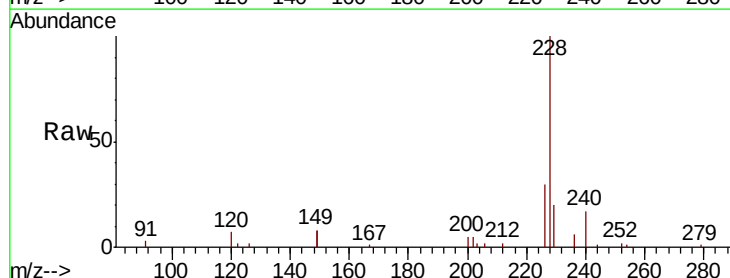
Tgt Ion:228 Resp: 8324

Ion Ratio Lower Upper

228 100

226 29.9 23.0 34.4

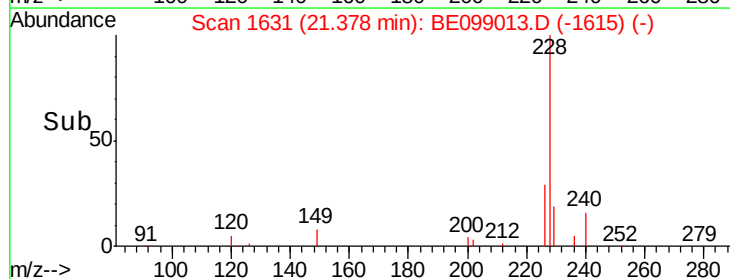
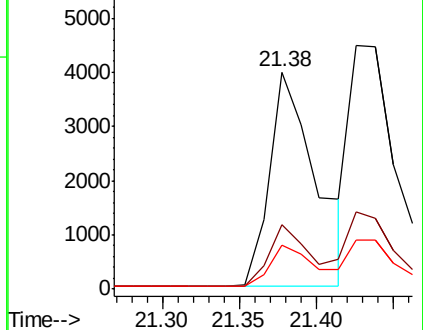
229 20.2 16.5 24.7

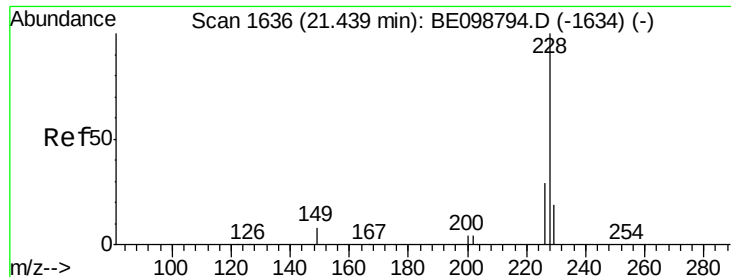


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.388 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

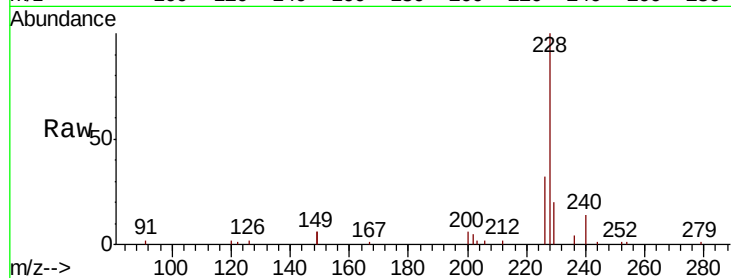
Tgt Ion:228 Resp: 9334

Ion Ratio Lower Upper

228 100

226 31.9 23.7 35.5

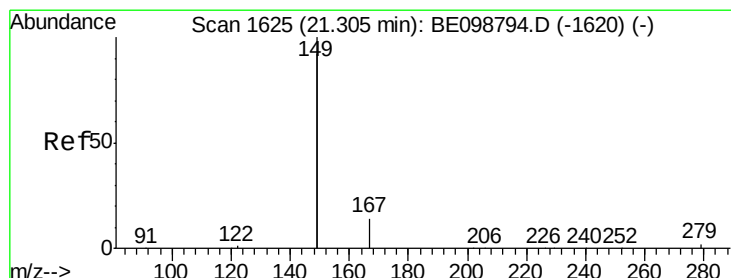
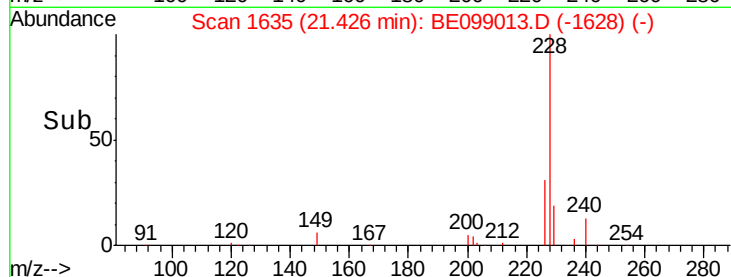
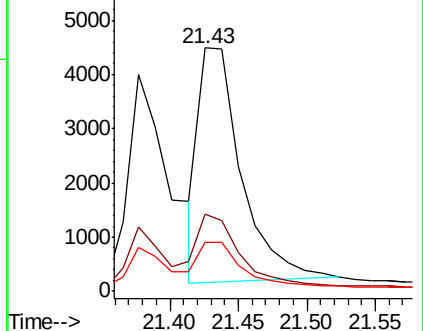
229 20.3 16.1 24.1



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: 0.302 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

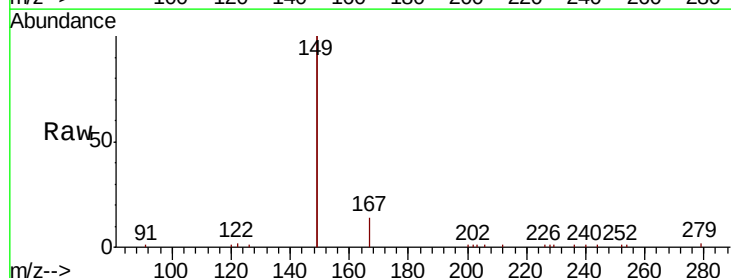
Tgt Ion:149 Resp: 14426

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

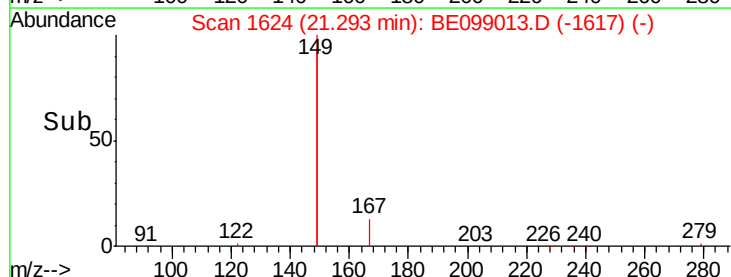
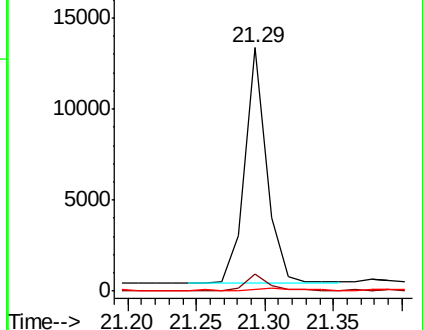
279 1.3 1.0 1.4

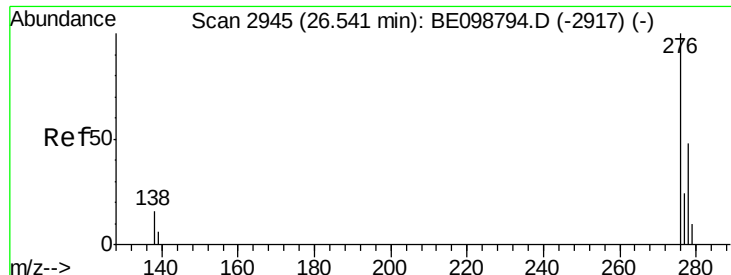


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.334 ng

RT: 26.54 min Scan# 2944

Delta R.T. -0.00 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

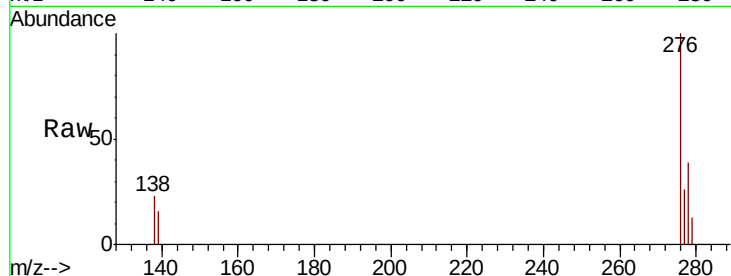
Tgt Ion:276 Resp: 8478

Ion Ratio Lower Upper

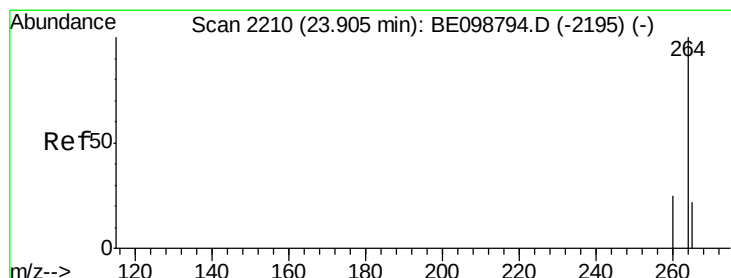
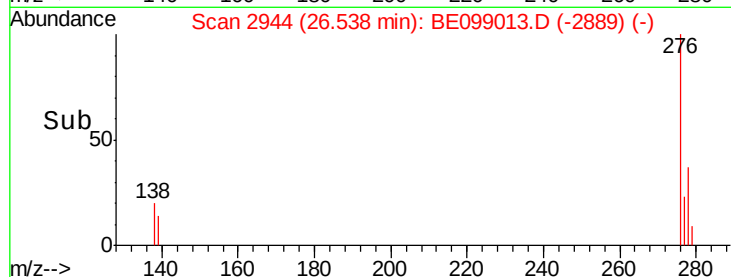
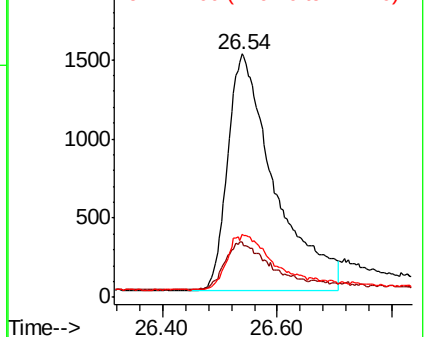
276 100

138 19.4 13.8 20.8

277 21.4 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: BE099013.D

Acq: 18 Mar 2019 23:18

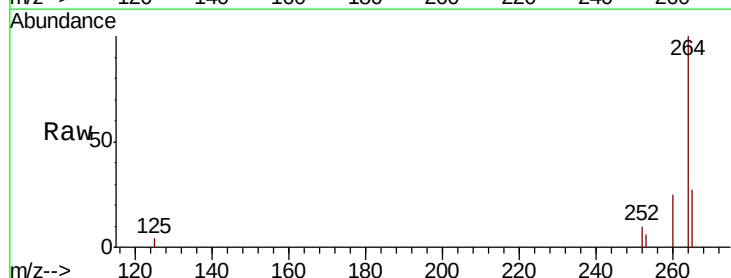
Tgt Ion:264 Resp: 6837

Ion Ratio Lower Upper

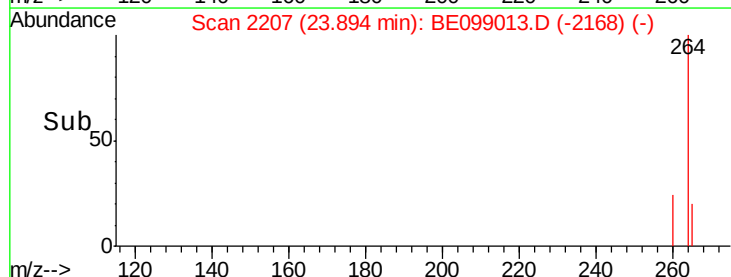
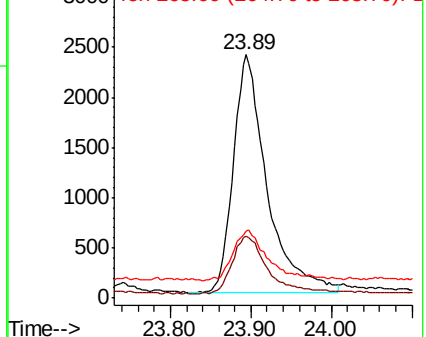
264 100

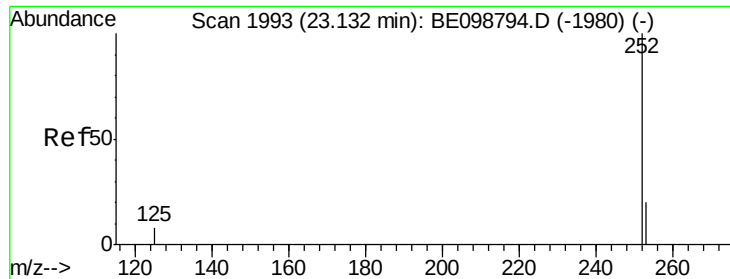
260 25.4 21.2 31.8

265 27.4 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

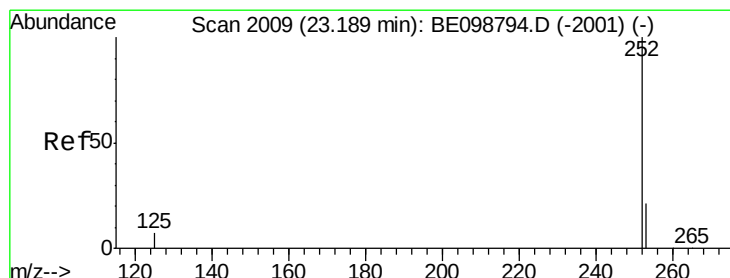
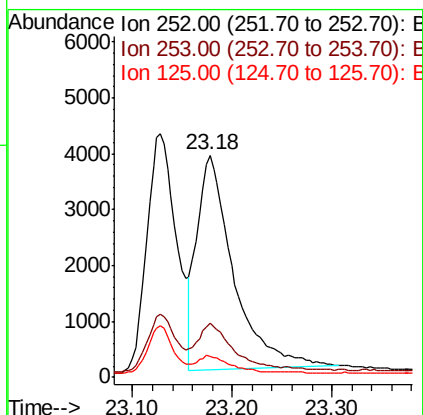
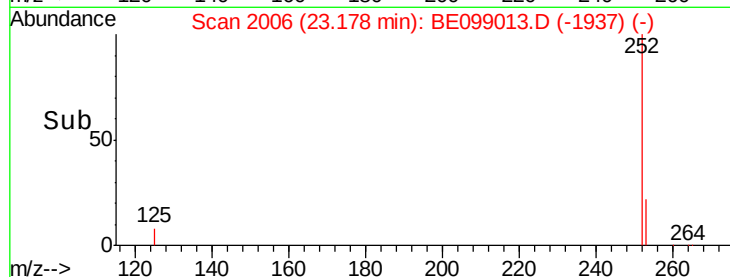
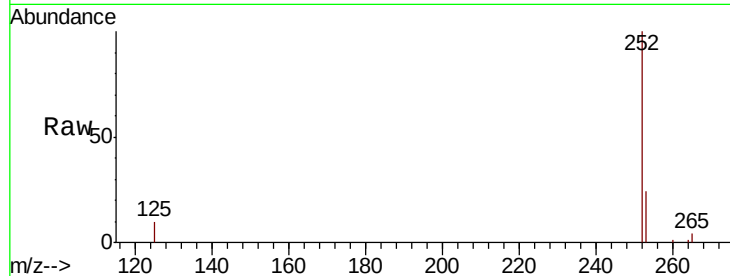




#35
Benzo(b)fluoranthene
Concen: 0.437 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BE099013.D
Acq: 18 Mar 2019 23:18

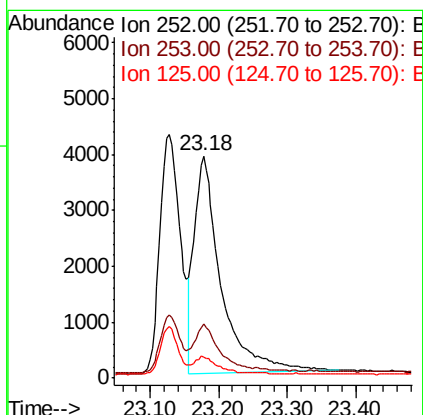
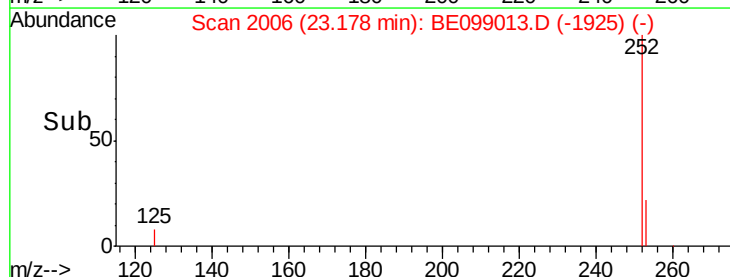
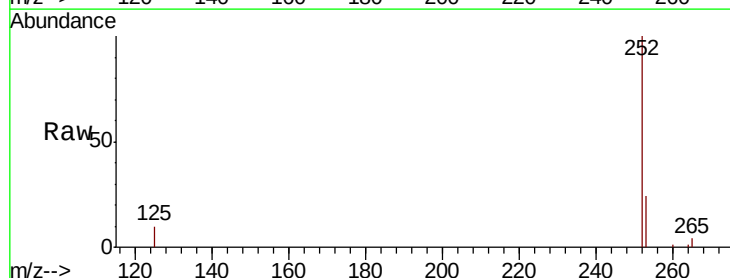
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

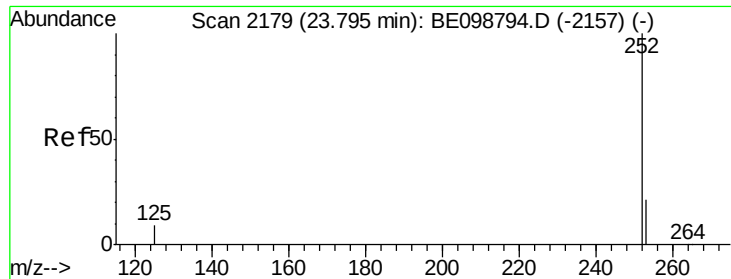
Tgt Ion: 252 Resp: 9819
Ion Ratio Lower Upper
252 100
253 24.3 18.2 27.2
125 9.5 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.447 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE099013.D
Acq: 18 Mar 2019 23:18

Tgt Ion: 252 Resp: 10524
Ion Ratio Lower Upper
252 100
253 24.3 19.3 28.9
125 9.5 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.422 ng

RT: 23.78 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

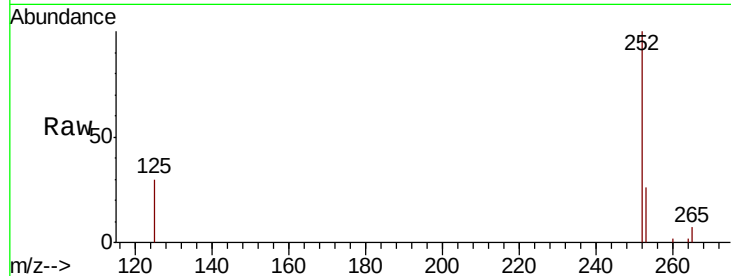
Tgt Ion:252 Resp: 9087

Ion Ratio Lower Upper

252 100

253 26.4 19.9 29.9

125 29.9 9.0 13.4#

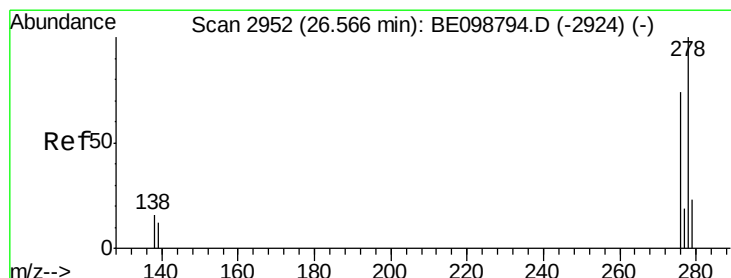
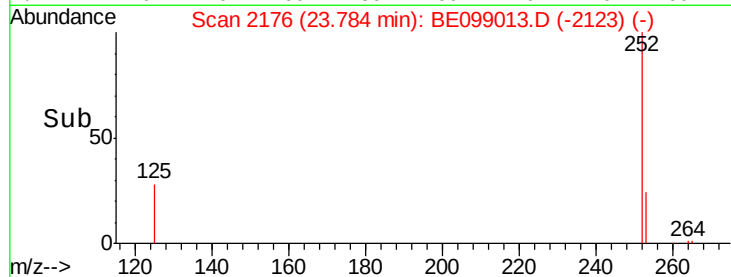
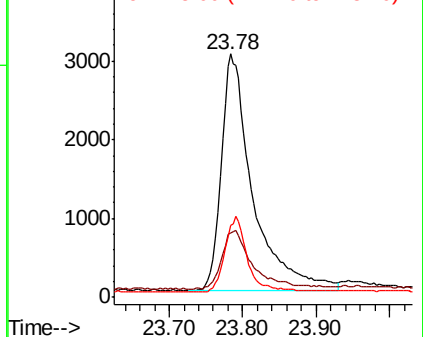


Abundance

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: 0.256 ng

RT: 26.57 min Scan# 2954

Delta R.T. 0.01 min

Lab File: BE099013.D

Acq: 18 Mar 2019 23:18

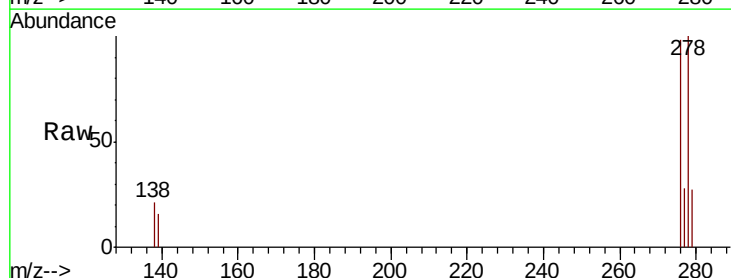
Tgt Ion:278 Resp: 5227

Ion Ratio Lower Upper

278 100

139 16.5 11.8 17.6

279 26.7 21.1 31.7

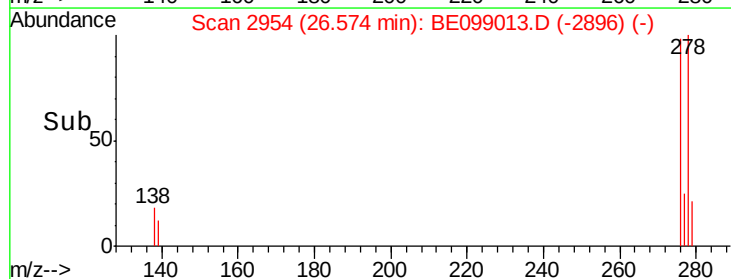
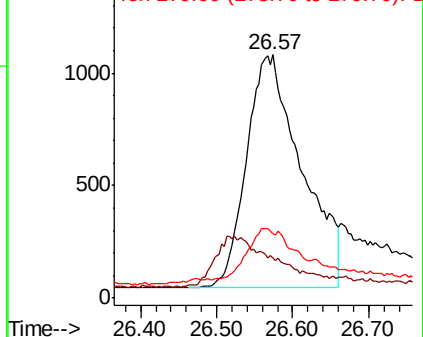


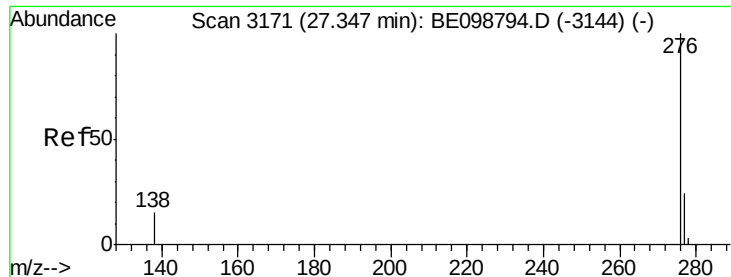
Abundance

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(g,h,i)perylene

Concen: 0.359 ng

RT: 27.34 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BE099013.D

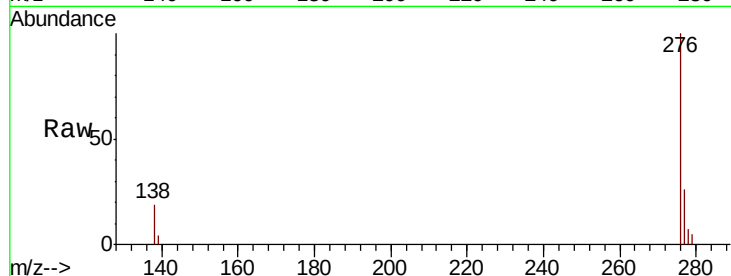
Acq: 18 Mar 2019 23:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



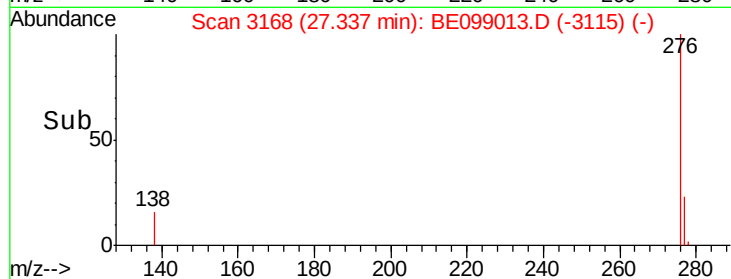
Tgt Ion: 276 Resp: 7654

Ion Ratio Lower Upper

276 100

277 25.9 20.4 30.6

138 19.1 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

