

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE040219\
 Data File : BE099273.D
 Acq On : 2 Apr 2019 13:51
 Operator : JU/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Apr 02 15:48:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 14:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3159	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	11888	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	8089	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	24251	0.40	ng	0.00
27) Chrysene-d12	21.37	240	35255	0.40	ng	0.00
34) Perylene-d12	23.86	264	36875	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	6958	0.74	ng	0.00
5) Phenol-d6	6.97	99	9552	0.66	ng	0.00
8) Nitrobenzene-d5	8.96	82	6472	0.67	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	17298	0.76	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	2945	1.03	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	26732	0.81	ng	0.00
25) Fluoranthene-d10	19.22	212	258205	0.88	ng	0.00
29) Terphenyl-d14	19.82	244	53166	0.69	ng	0.00

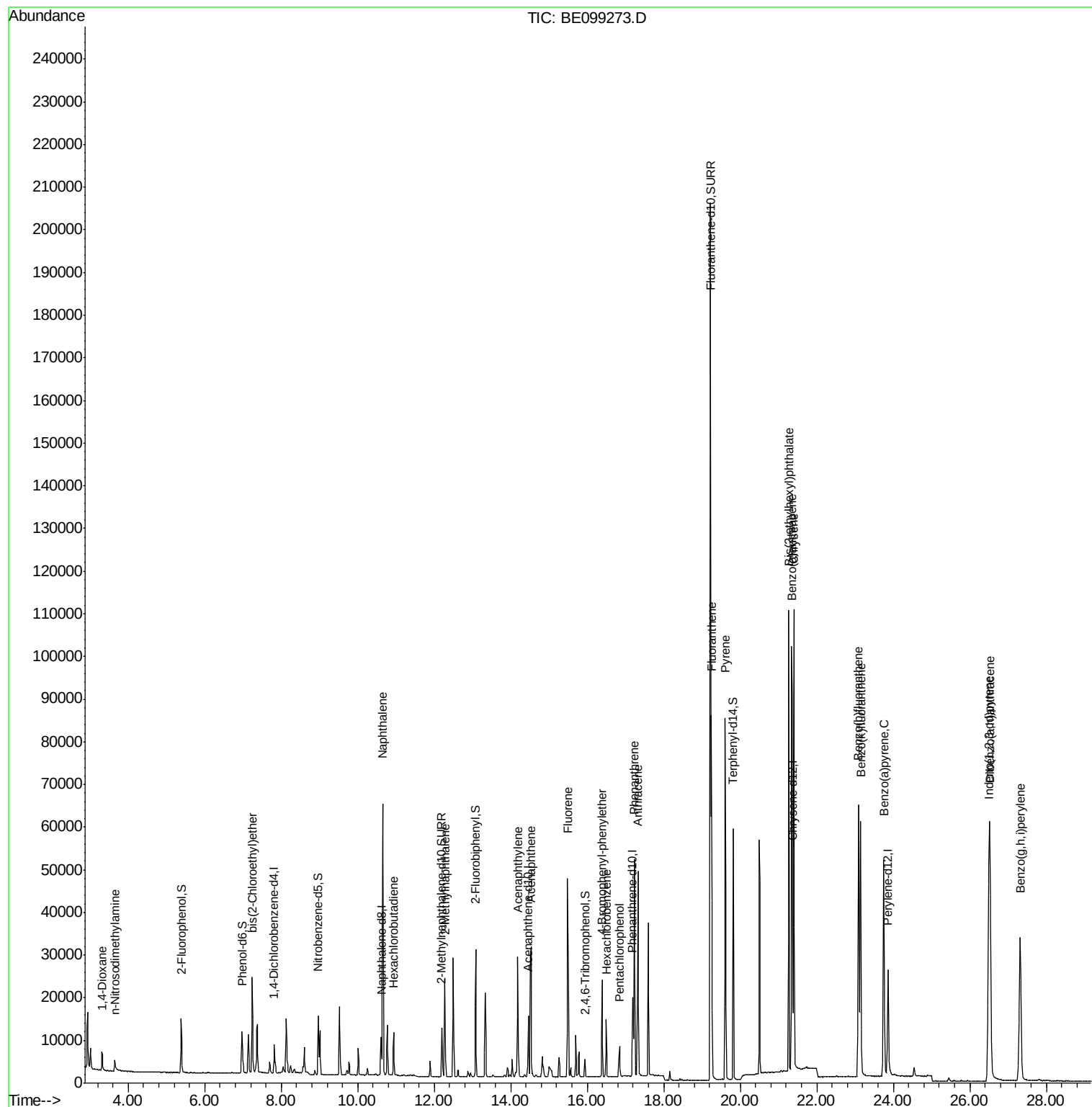
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	3532	0.848	ng	90
3) n-Nitrosodimethylamine	3.65	42	1920	0.824	ng	# 90
6) bis(2-Chloroethyl)ether	7.24	93	8518	0.752	ng	99
9) Naphthalene	10.65	128	105833	0.755	ng	100
10) Hexachlorobutadiene	10.94	225	6849	0.917	ng	99
12) 2-Methylnaphthalene	12.28	142	18192	0.726	ng	97
16) Acenaphthylene	14.18	152	31412	0.762	ng	98
17) Acenaphthene	14.53	154	18936	0.768	ng	99
18) Fluorene	15.49	166	27305	0.787	ng	98
20) 4-Bromophenyl-phenylether	16.39	248	11084	0.708	ng	97
21) Hexachlorobenzene	16.49	284	10752	0.711	ng	99
22) Pentachlorophenol	16.84	266	3906	1.960	ng	95
23) Phenanthrene	17.23	178	51697	0.726	ng	100
24) Anthracene	17.32	178	48048	0.747	ng	99
26) Fluoranthene	19.25	202	74824	0.823	ng	99
28) Pyrene	19.61	202	76850	0.656	ng	100
30) Benzo(a)anthracene	21.34	228	90947	0.782	ng	100
31) Chrysene	21.40	228	89345	0.719	ng	100
32) Bis(2-ethylhexyl)phthalate	21.27	149	108805	0.784	ng	100
33) Indeno(1,2,3-cd)pyrene	26.49	276	103797	0.882	ng	100
35) Benzo(b)fluoranthene	23.09	252	87756	0.723	ng	# 97
36) Benzo(k)fluoranthene	23.14	252	88421	0.689	ng	99
37) Benzo(a)pyrene	23.75	252	83405	0.736	ng	98
38) Dibenzo(a,h)anthracene	26.53	278	84957	0.844	ng	98
39) Benzo(g,h,i)perylene	27.31	276	84599	0.838	ng	99

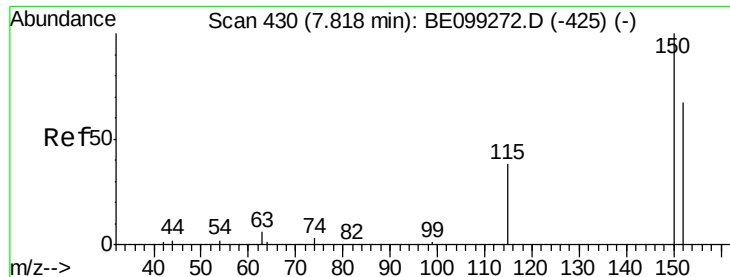
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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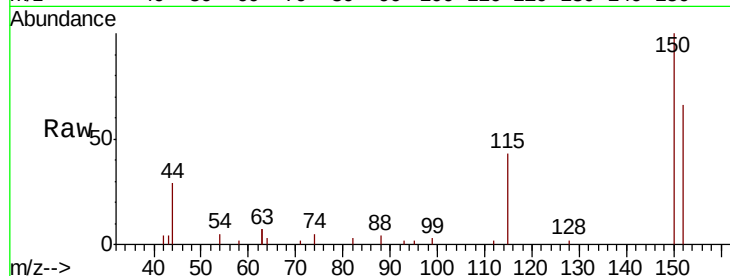


#1

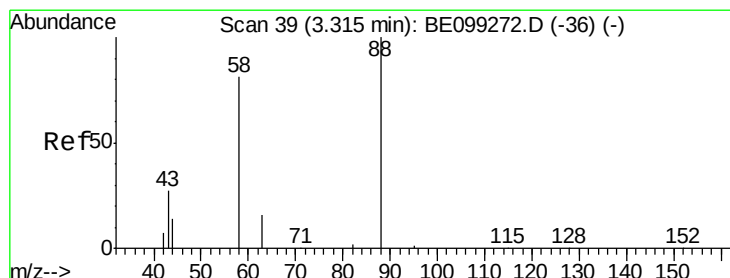
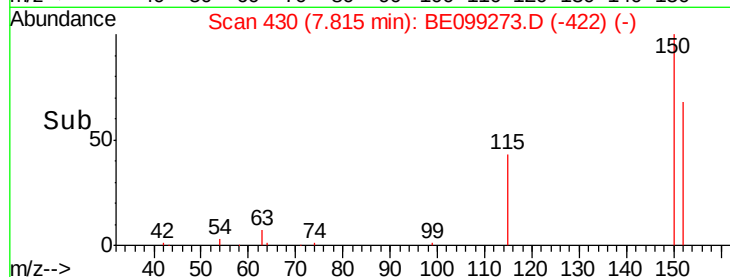
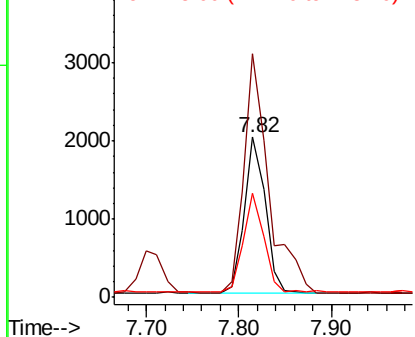
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:152 Resp: 3159
Ion Ratio Lower Upper
152 100
150 152.3 118.6 178.0
115 65.3 47.6 71.4



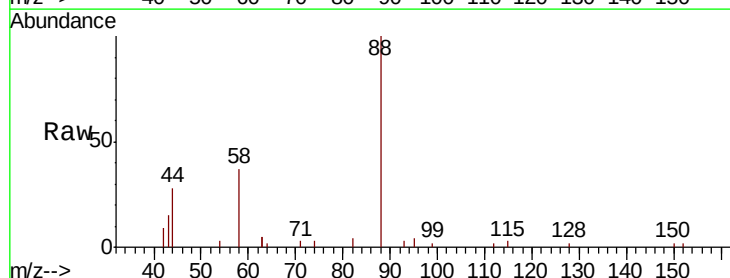
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



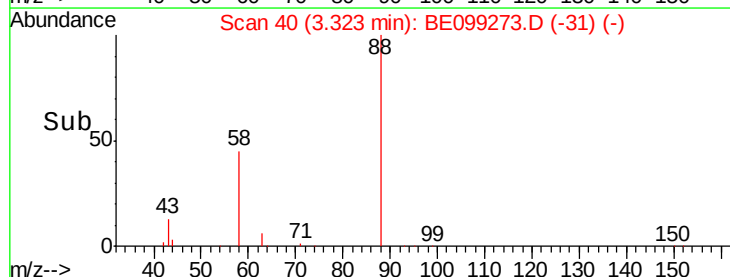
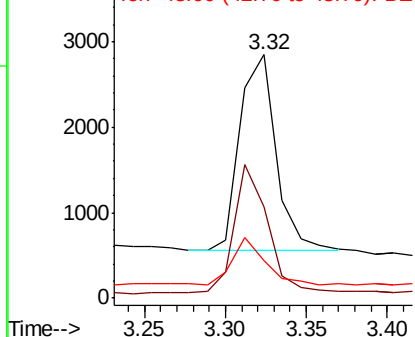
#2

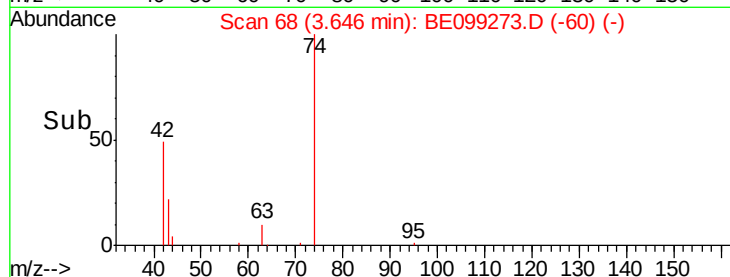
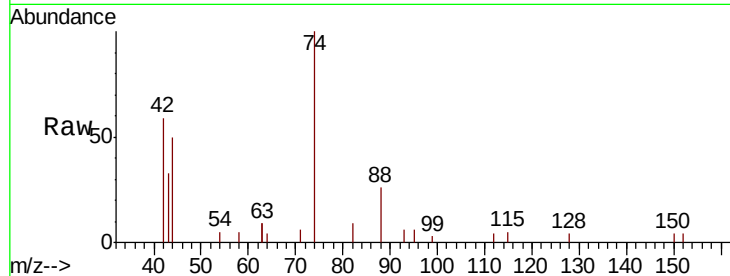
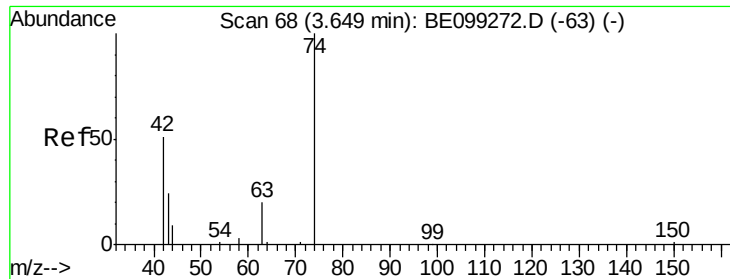
1,4-Dioxane
Concen: 0.848 ng
RT: 3.32 min Scan# 40
Delta R.T. 0.01 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion: 88 Resp: 3532
Ion Ratio Lower Upper
88 100
58 61.6 43.0 64.4
43 21.1 14.8 22.2



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: 0.824 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

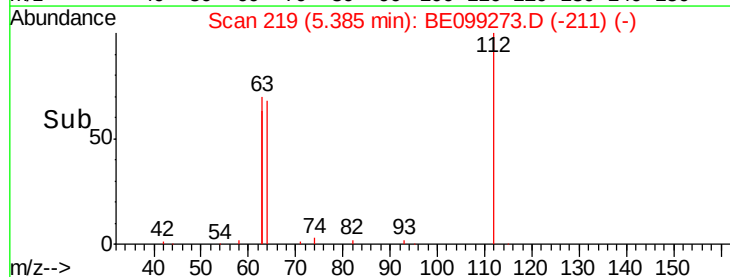
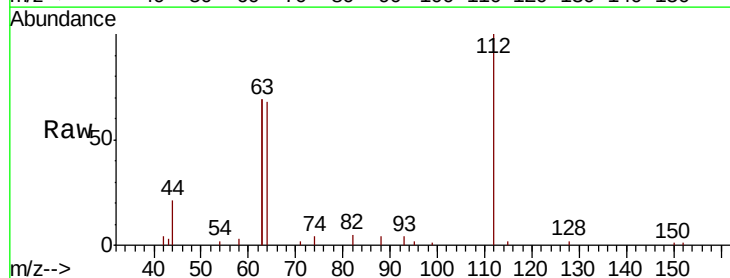
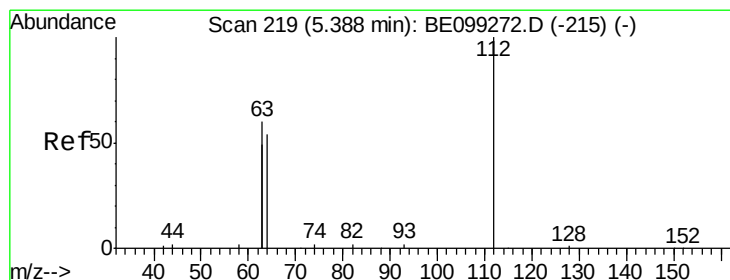
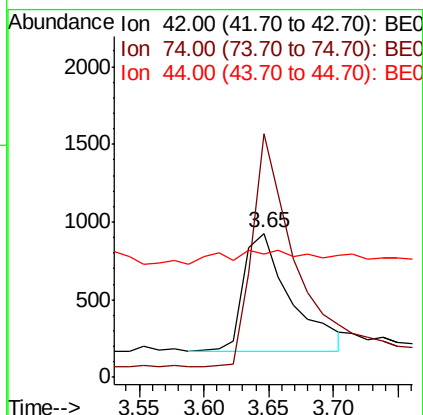
Tot Ion: 42 Resp: 1920

Ion Ratio Lower Upper

42 100

74 181.0 133.8 200.8

44 9.3 0.0 0.0#



#4

2-Fluorophenol

Concen: 0.738 ng

RT: 5.38 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

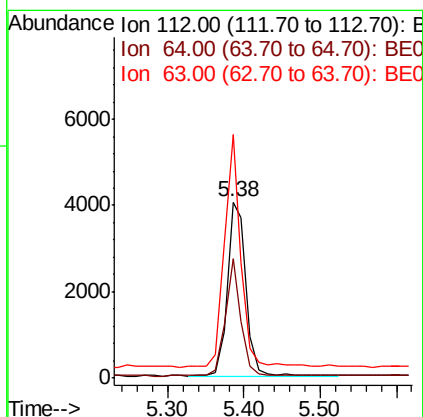
Tgt Ion: 112 Resp: 6958

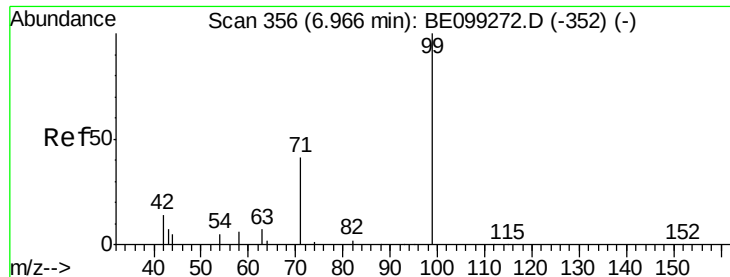
Ion Ratio Lower Upper

112 100

64 56.0 45.1 67.7

63 117.6 94.4 141.6





#5

Phenol-d6

Concen: 0.663 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

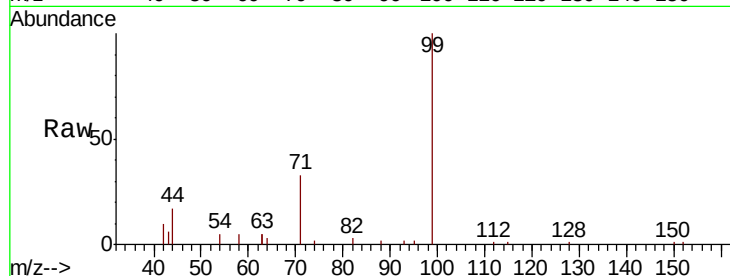
Tot Ion: 99 Resp: 9552

Ion Ratio Lower Upper

99 100

42 14.0 12.2 18.4

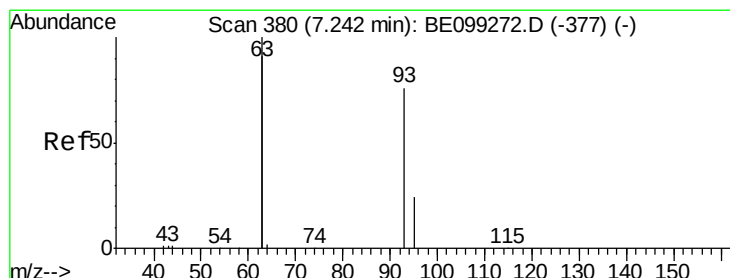
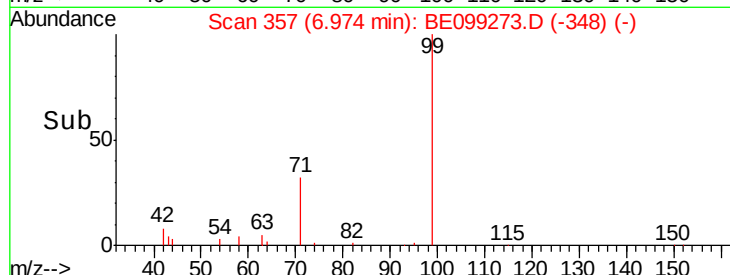
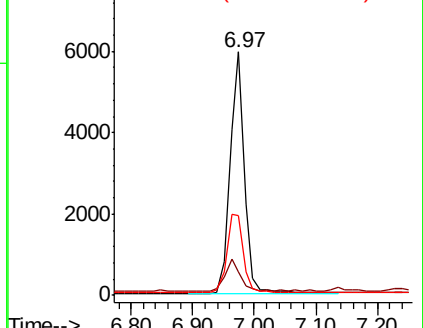
71 37.3 30.1 45.1



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: 0.752 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

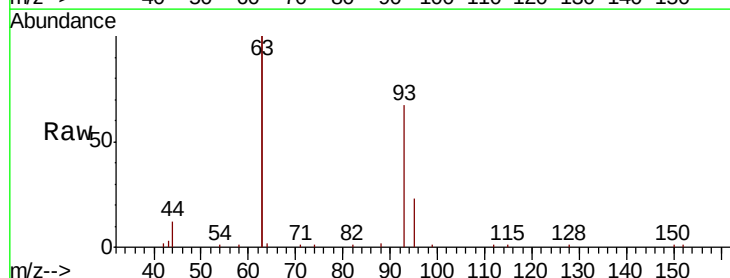
Tgt Ion: 93 Resp: 8518

Ion Ratio Lower Upper

93 100

63 275.3 219.4 329.2

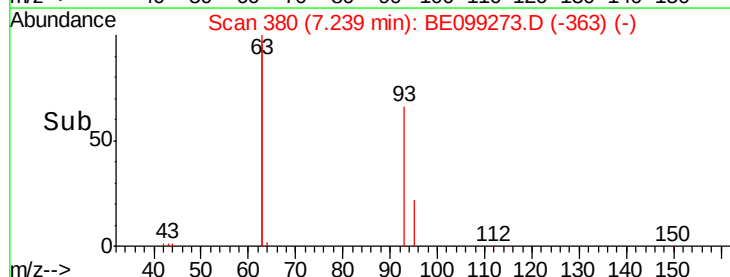
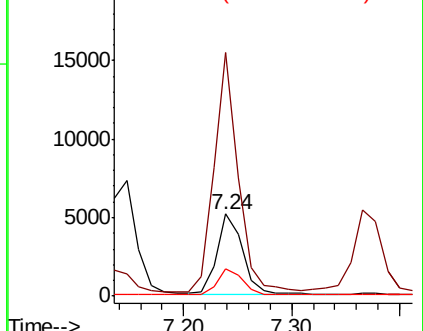
95 32.6 28.2 42.2

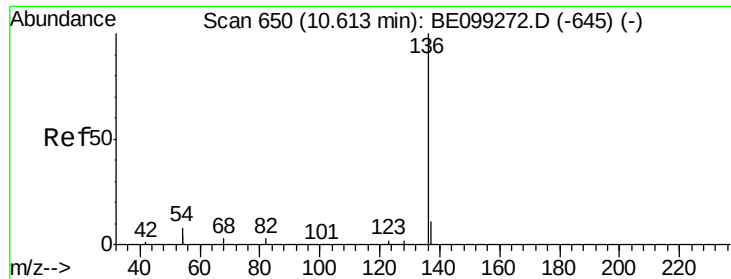


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 11888

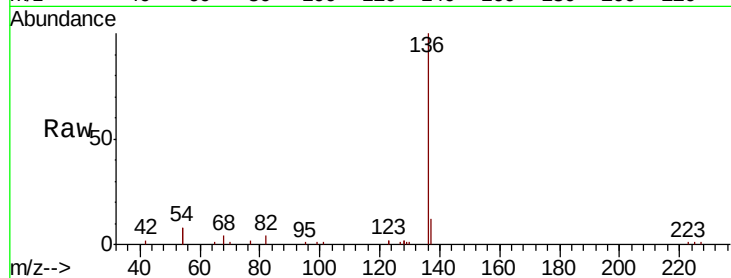
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 15.1 12.9 19.3

68 3.9 3.6 5.4

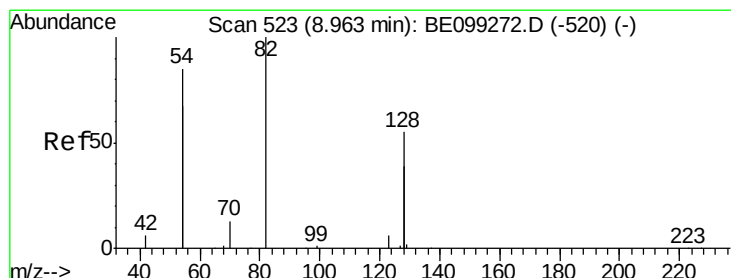
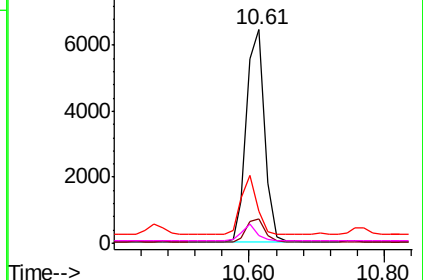
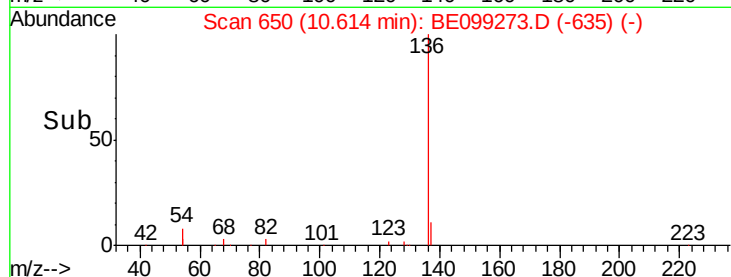


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.667 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

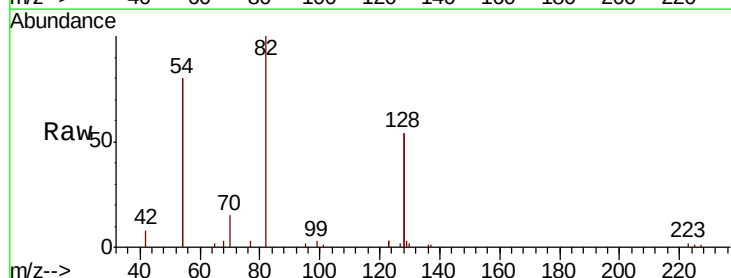
Tgt Ion: 82 Resp: 6472

Ion Ratio Lower Upper

82 100

128 107.6 83.2 124.8

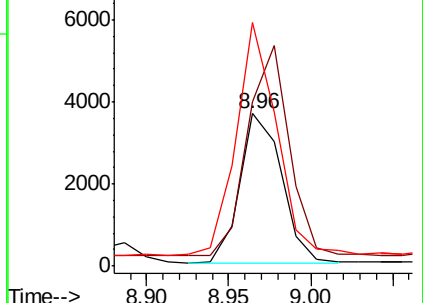
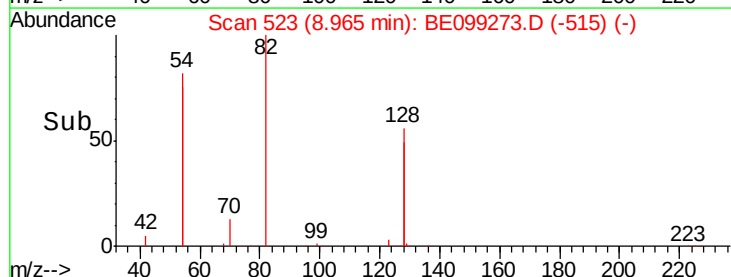
54 159.6 129.3 193.9

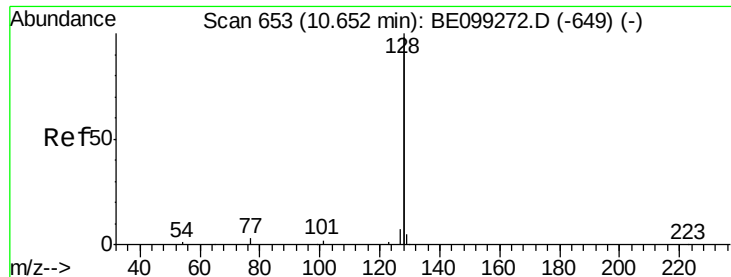


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.755 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

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ClientSampleId :

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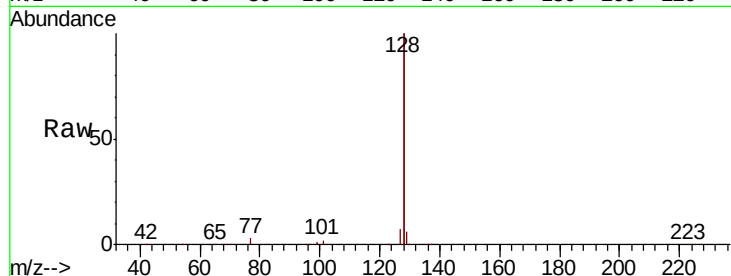
Tot Ion:128 Resp: 105833

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

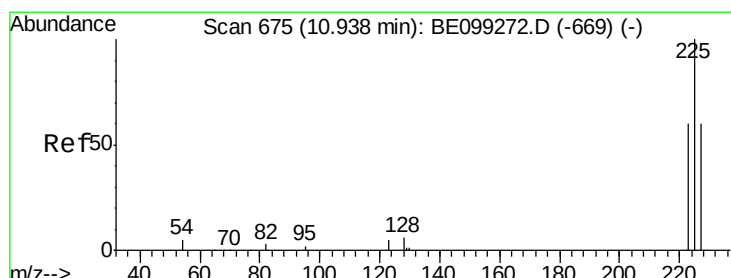
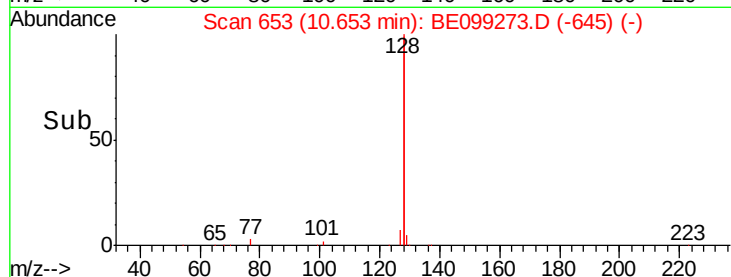
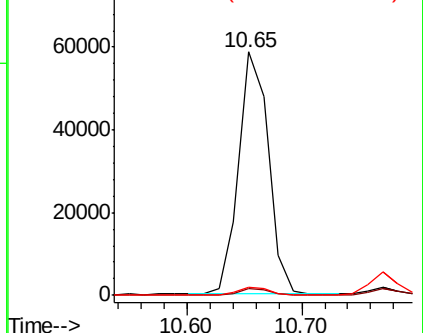
127 3.4 2.7 4.1



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: 0.917 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

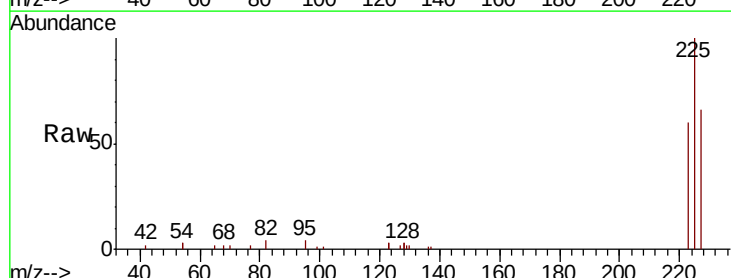
Tgt Ion:225 Resp: 6849

Ion Ratio Lower Upper

225 100

223 62.0 50.1 75.1

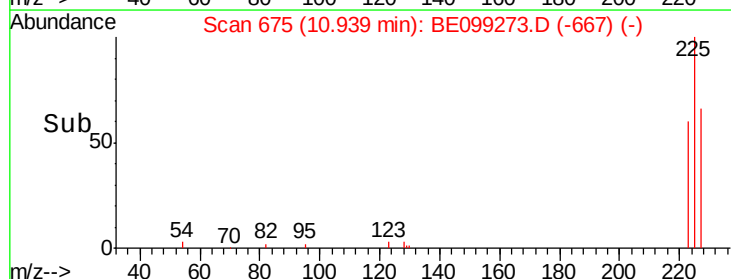
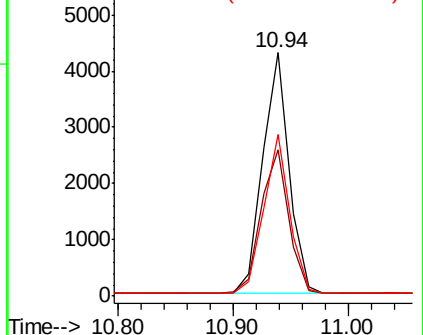
227 64.1 50.6 75.8

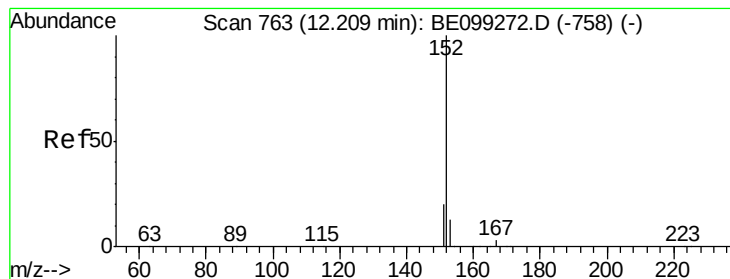


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.755 ng

RT: 12.20 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

Instrument :

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ClientSampleId :

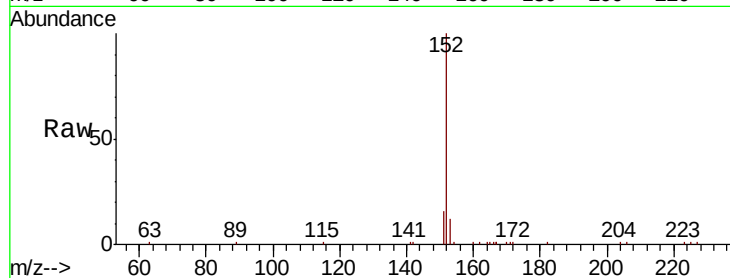
SSTDIC0.8

Tot Ion:152 Resp: 17298

Ion Ratio Lower Upper

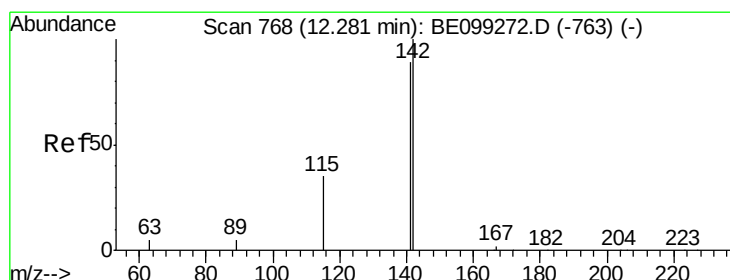
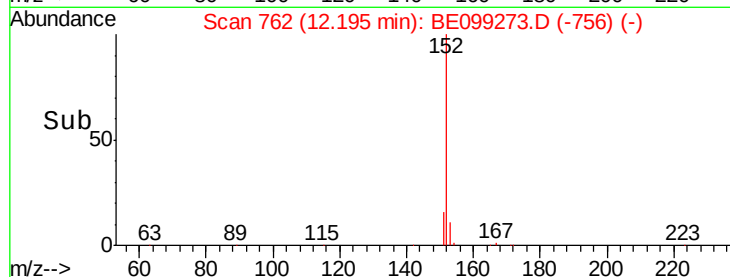
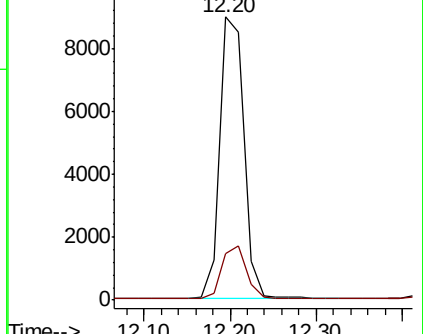
152 100

151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.726 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

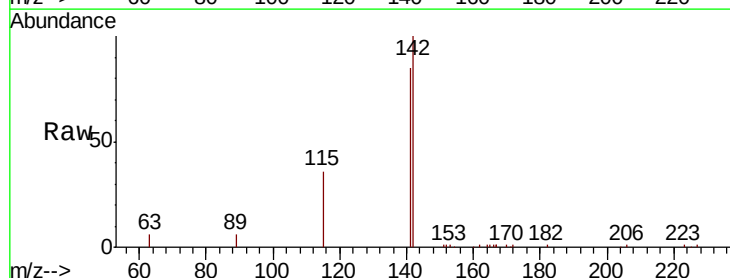
Tgt Ion:142 Resp: 18192

Ion Ratio Lower Upper

142 100

141 85.2 71.1 106.7

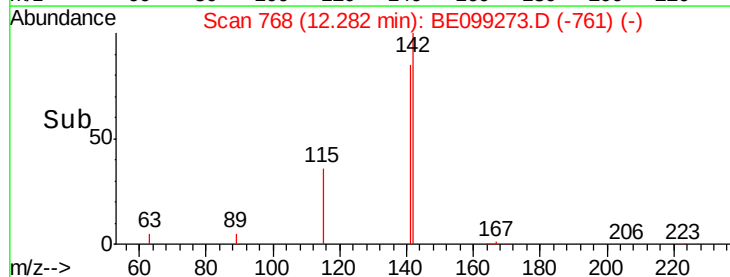
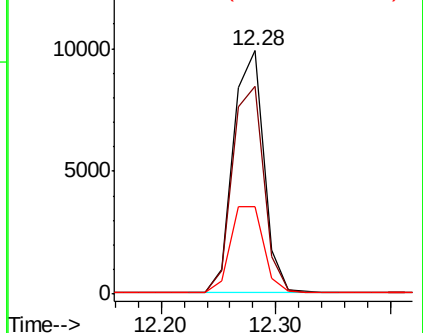
115 36.1 29.0 43.6

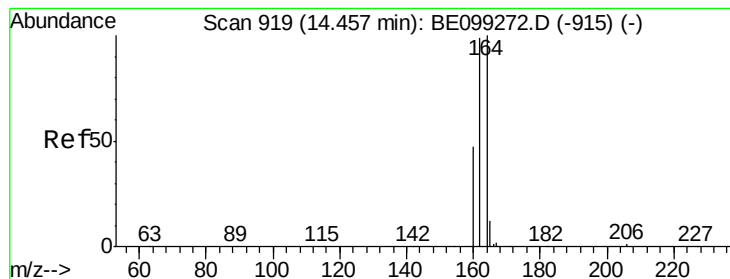


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE099273.D

Acq: 2 Apr 2019 13:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

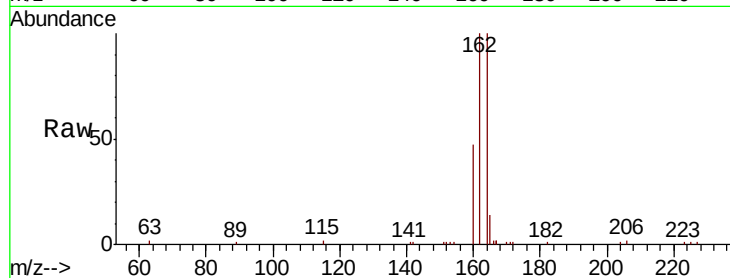
Tot Ion:164 Resp: 8089

Ion Ratio Lower Upper

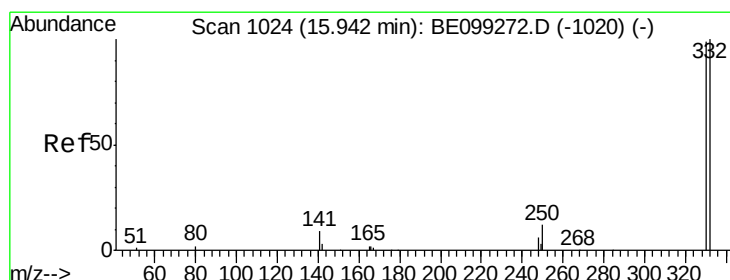
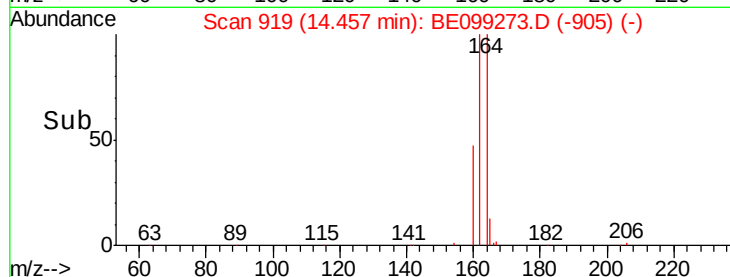
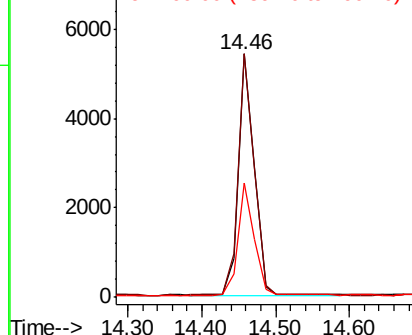
164 100

162 100.0 78.8 118.2

160 47.2 37.6 56.4



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: 1.031 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

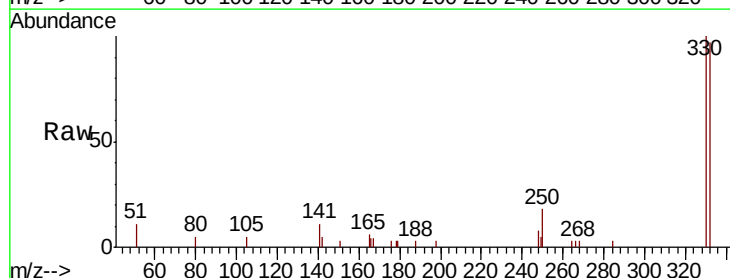
Tgt Ion:330 Resp: 2945

Ion Ratio Lower Upper

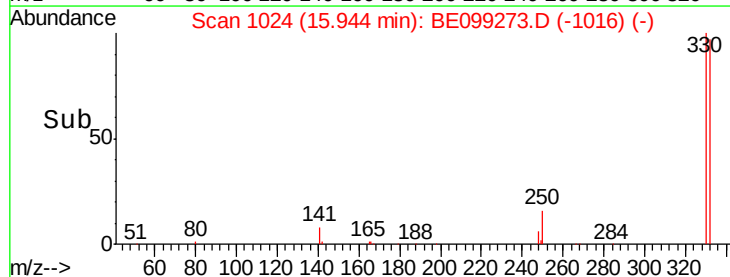
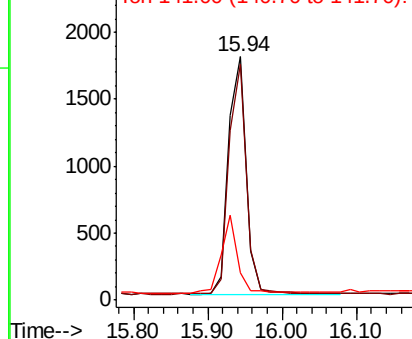
330 100

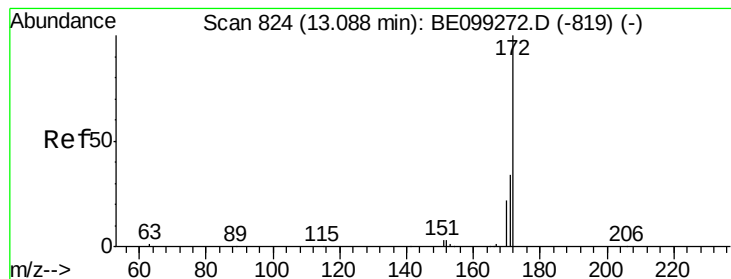
332 94.1 82.6 123.8

141 30.4 27.6 41.4



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: 0.811 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

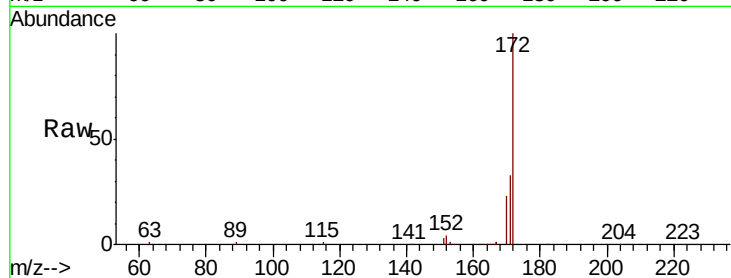
Tot Ion:172 Resp: 26732

Ion Ratio Lower Upper

172 100

171 33.4 27.5 41.3

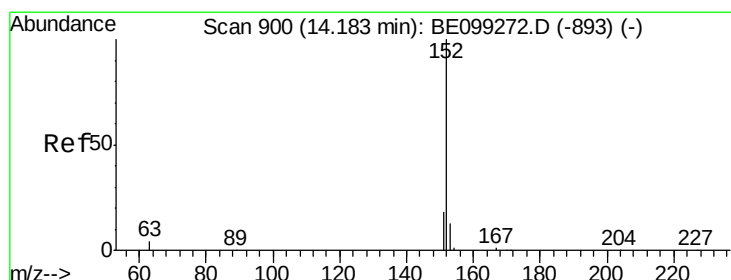
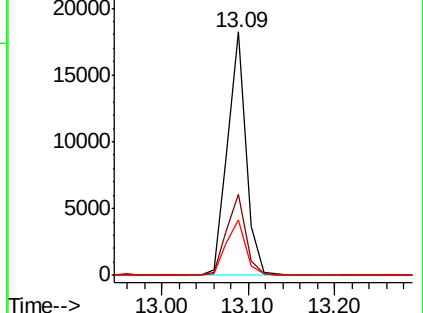
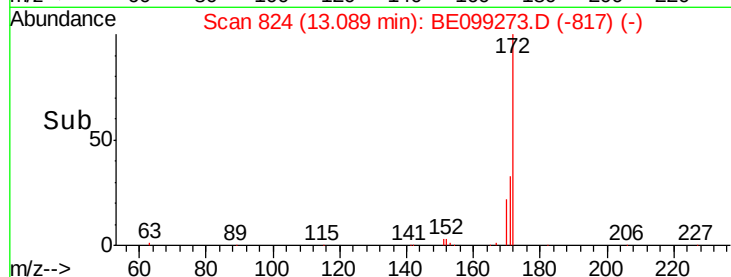
170 22.6 18.2 27.2



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: 0.762 ng

RT: 14.18 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

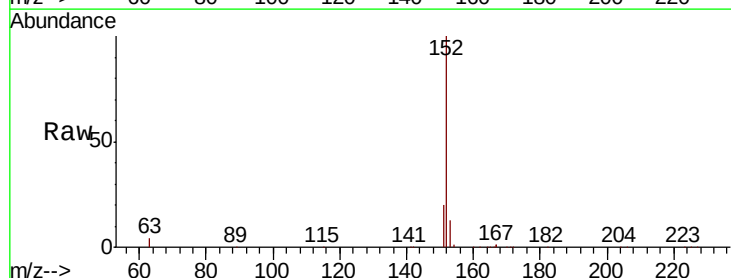
Tgt Ion:152 Resp: 31412

Ion Ratio Lower Upper

152 100

151 19.7 14.9 22.3

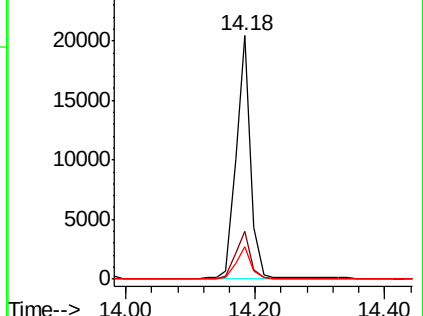
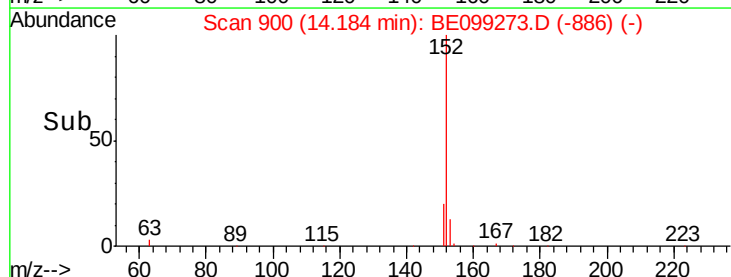
153 13.1 10.0 15.0

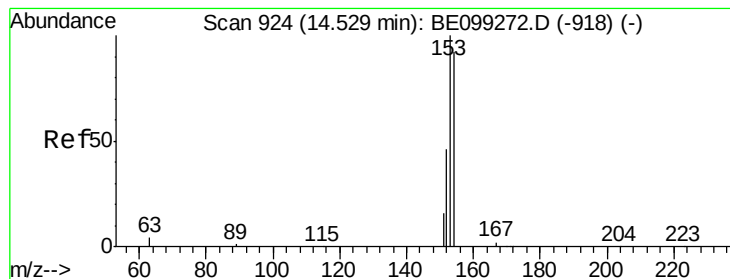


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.768 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

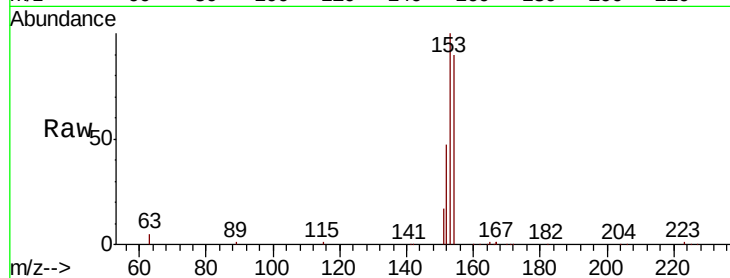
Tot Ion:154 Resp: 18936

Ion Ratio Lower Upper

154 100

153 114.4 92.8 139.2

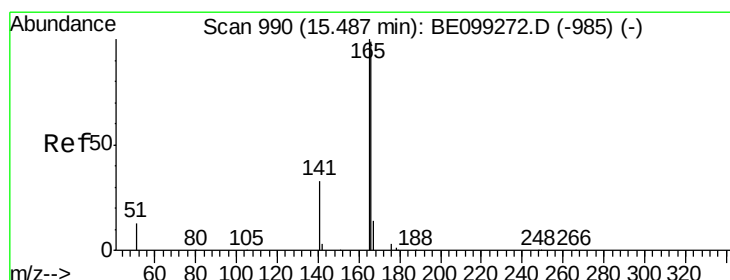
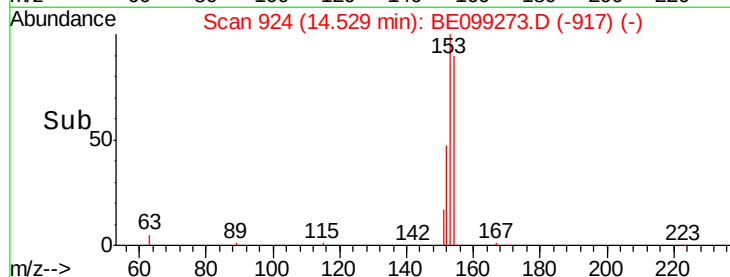
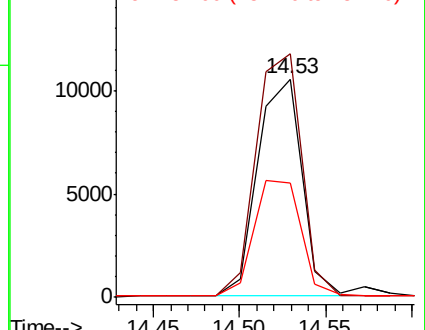
152 56.4 44.3 66.5



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: 0.787 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

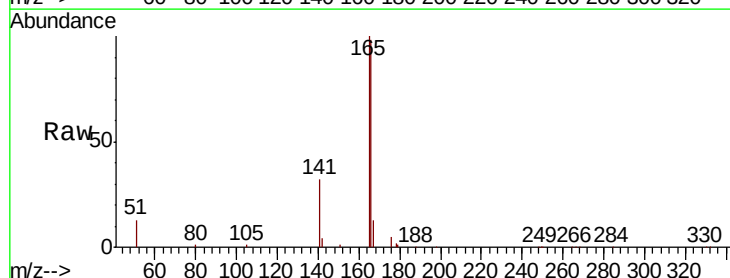
Tgt Ion:166 Resp: 27305

Ion Ratio Lower Upper

166 100

165 99.3 77.9 116.9

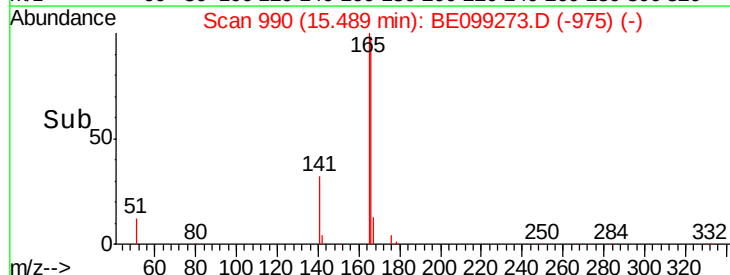
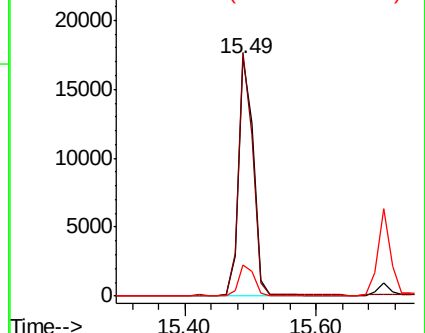
167 13.4 10.9 16.3

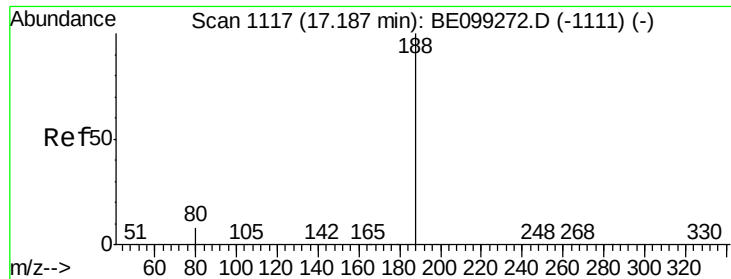


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

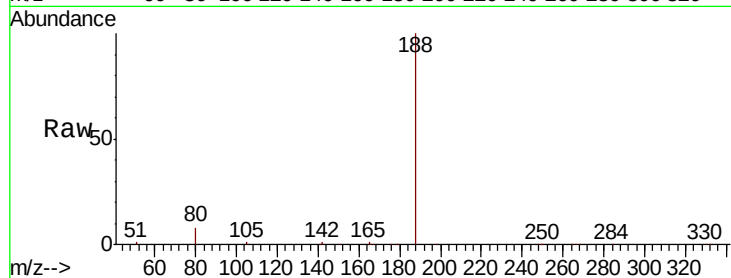
Tot Ion:188 Resp: 24251

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

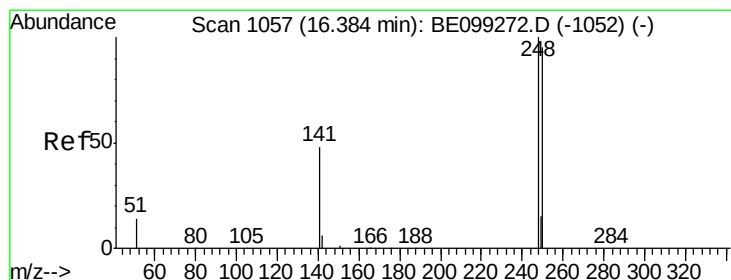
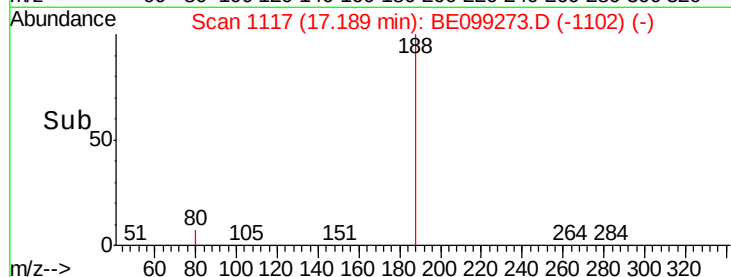
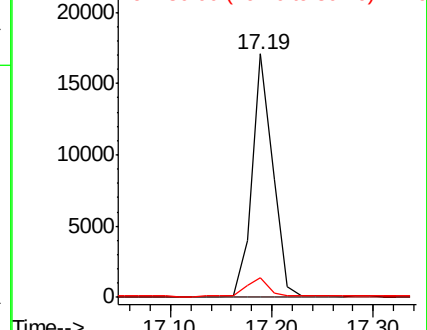
80 7.9 6.6 10.0



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: 0.708 ng

RT: 16.39 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

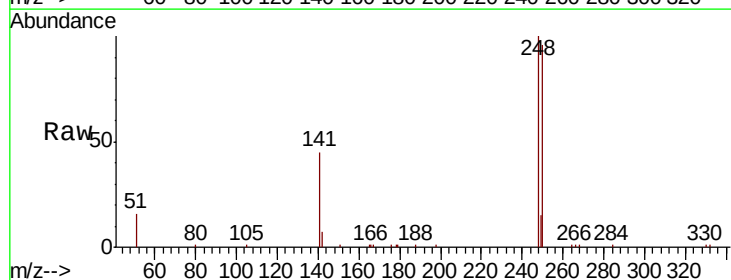
Tgt Ion:248 Resp: 11084

Ion Ratio Lower Upper

248 100

250 95.6 75.9 113.9

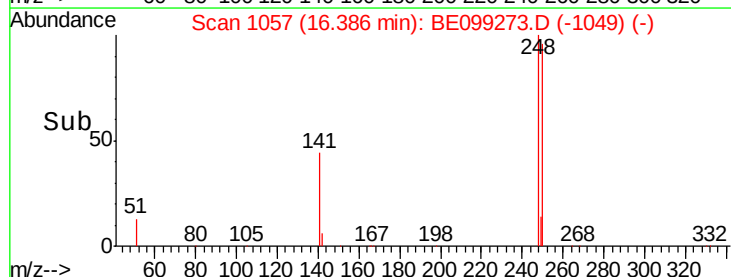
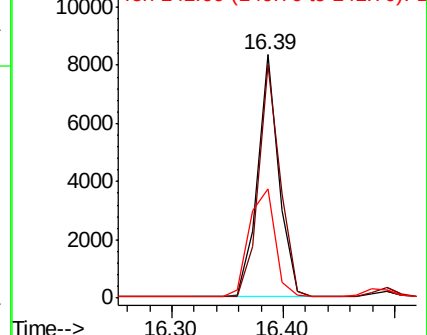
141 44.7 39.0 58.6

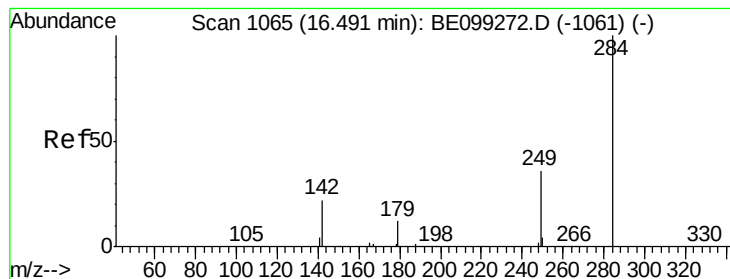


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.711 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

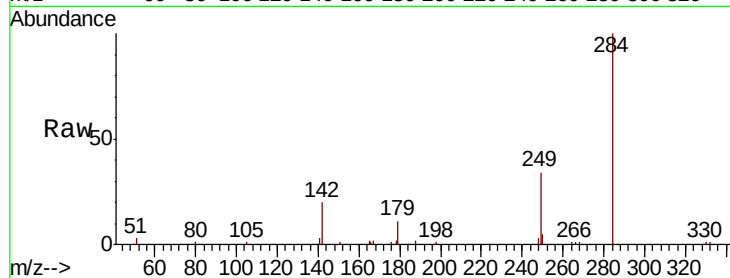
Tot Ion:284 Resp: 10752

Ion Ratio Lower Upper

284 100

142 26.2 21.0 31.6

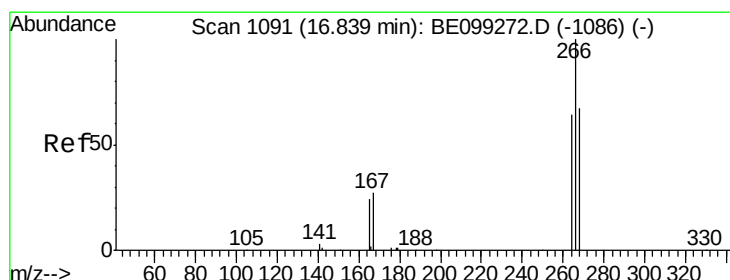
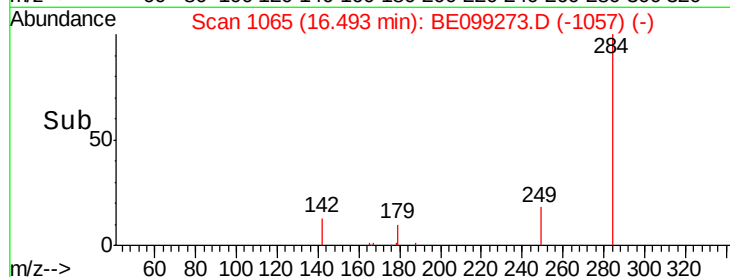
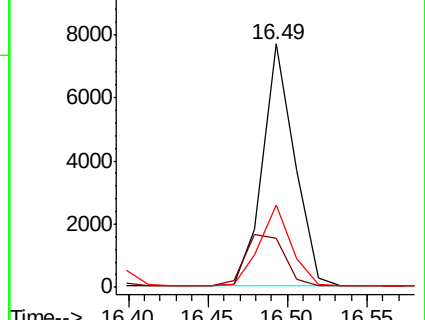
249 33.0 27.0 40.6



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: 1.960 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

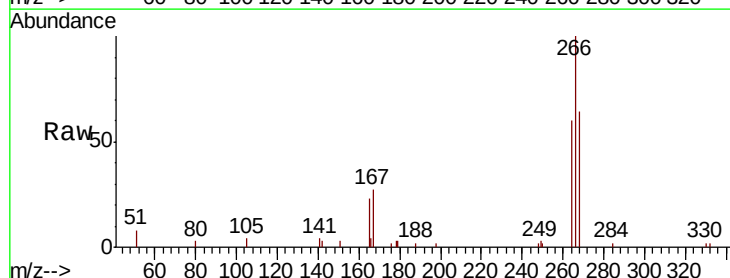
Tgt Ion:266 Resp: 3906

Ion Ratio Lower Upper

266 100

264 60.3 51.8 77.8

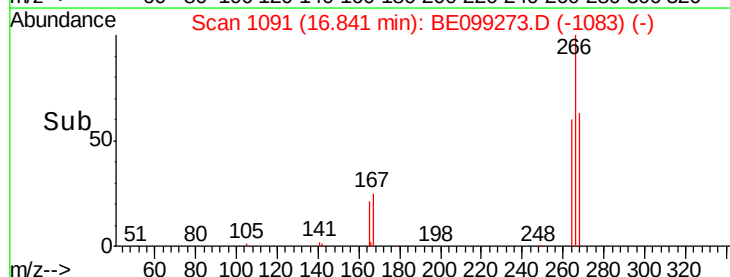
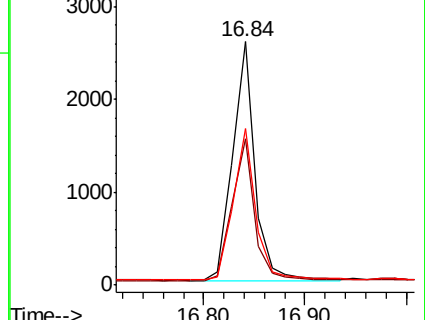
268 64.1 54.7 82.1

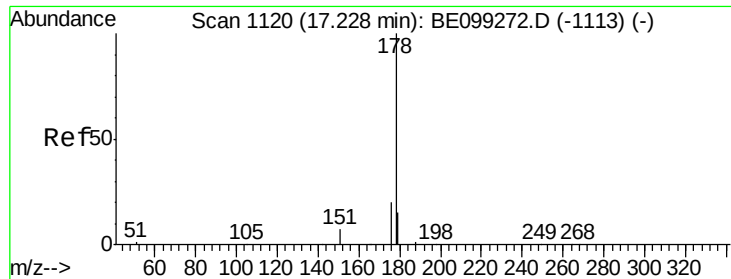


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.726 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

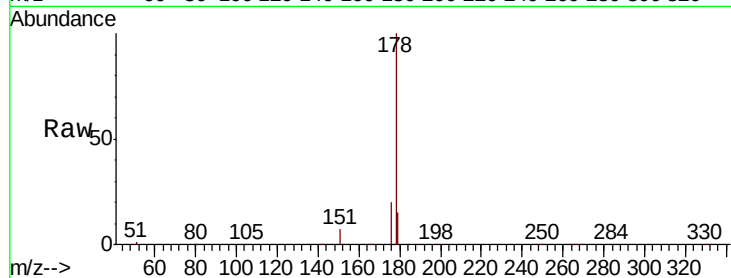
Tot Ion:178 Resp: 51697

Ion Ratio Lower Upper

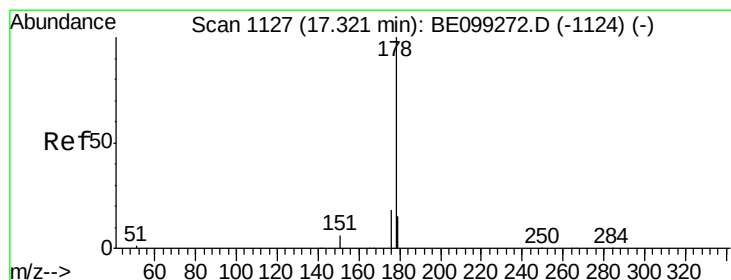
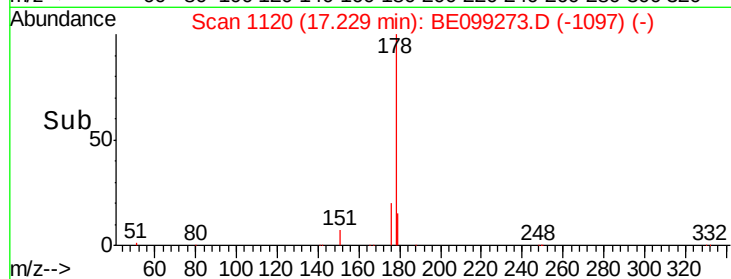
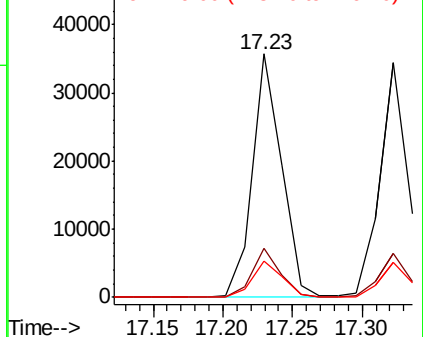
178 100

176 19.2 15.4 23.2

179 15.1 12.3 18.5



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: 0.747 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

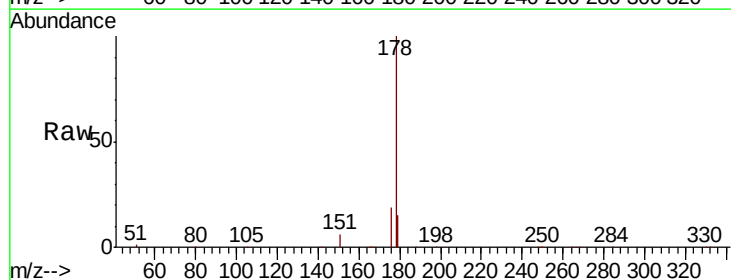
Tgt Ion:178 Resp: 48048

Ion Ratio Lower Upper

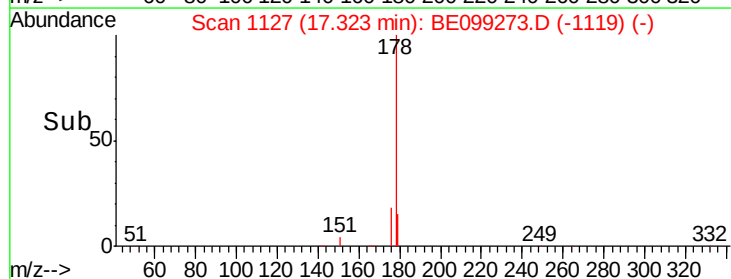
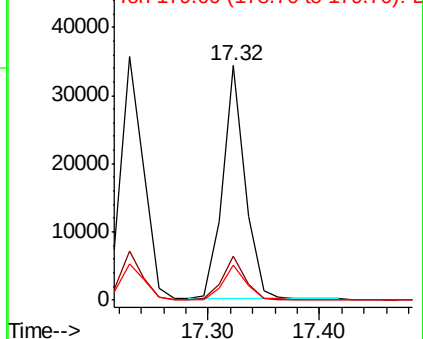
178 100

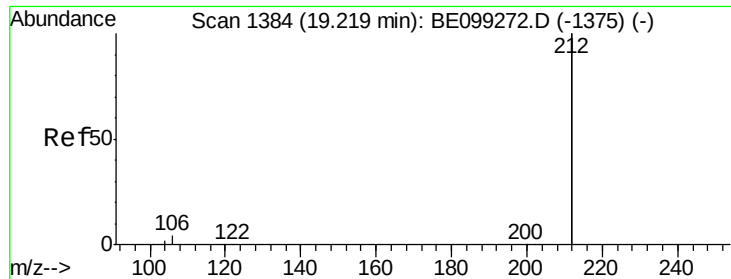
176 18.8 14.7 22.1

179 15.2 12.3 18.5



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: 0.879 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

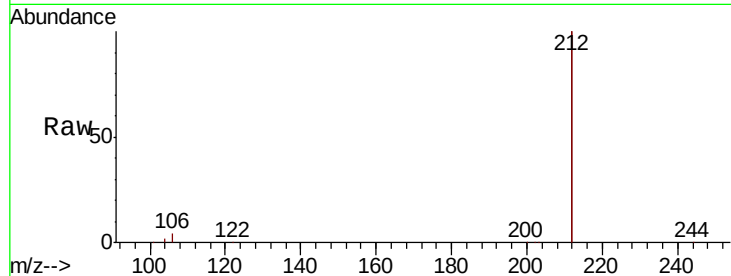
Tot Ion:212 Resp: 258205

Ion Ratio Lower Upper

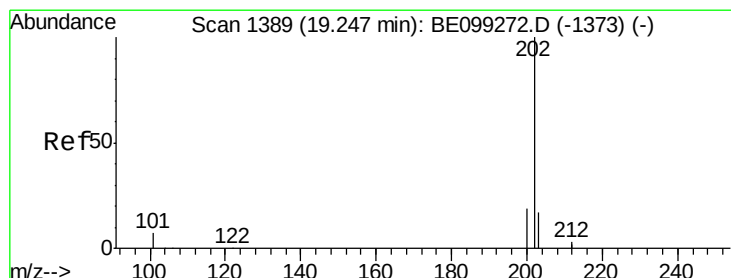
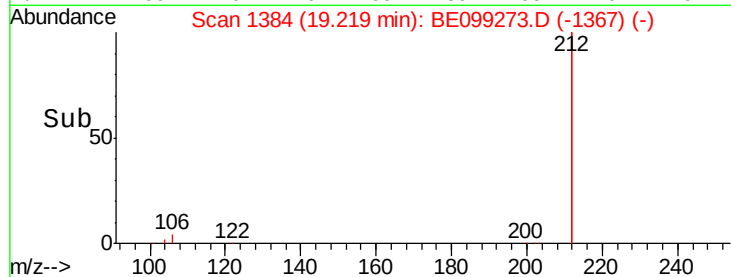
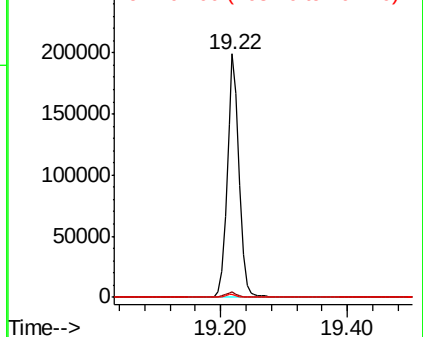
212 100

106 2.1 1.7 2.5

104 1.2 1.0 1.4



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: 0.823 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

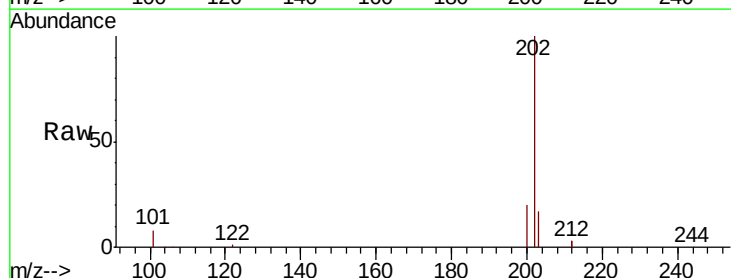
Tgt Ion:202 Resp: 74824

Ion Ratio Lower Upper

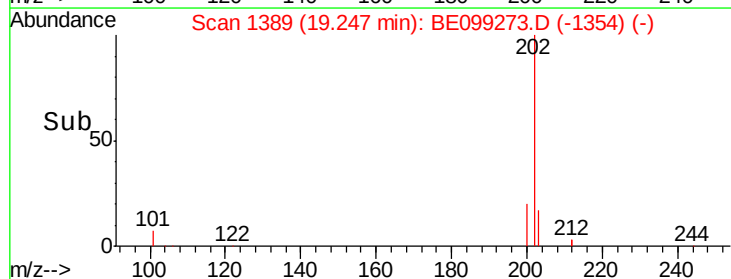
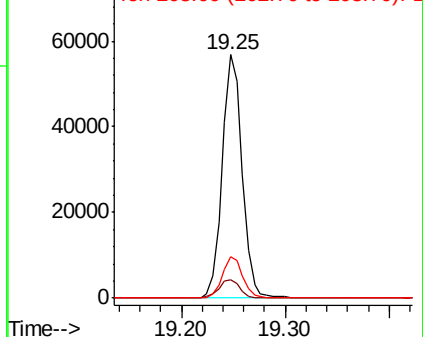
202 100

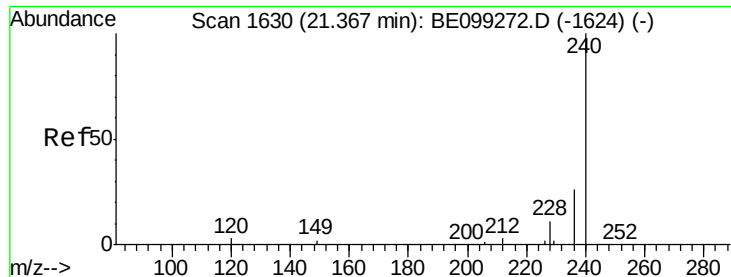
101 7.7 6.2 9.4

203 17.1 13.9 20.9



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

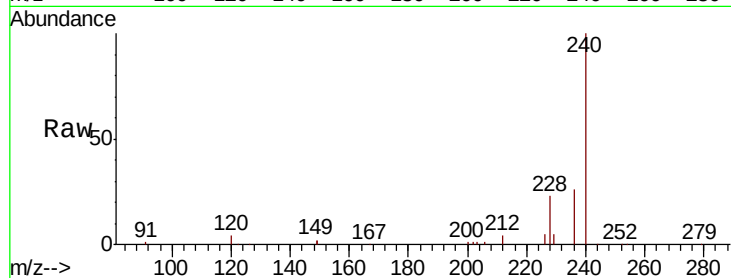




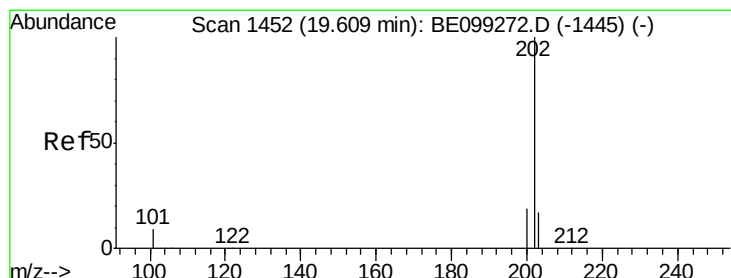
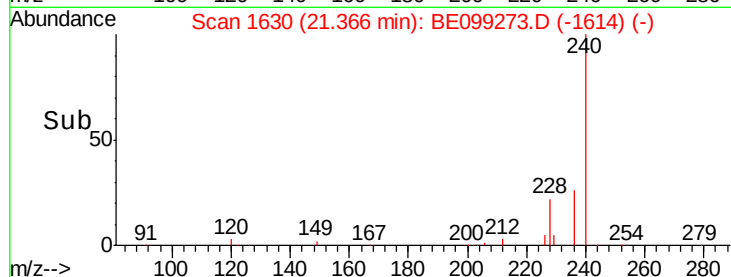
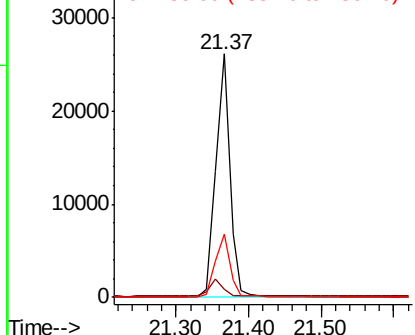
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:240 Resp: 35255
Ion Ratio Lower Upper
240 100
120 3.6 2.7 4.1
236 26.1 20.7 31.1

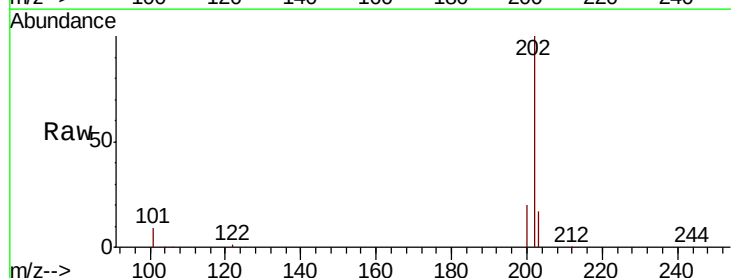


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

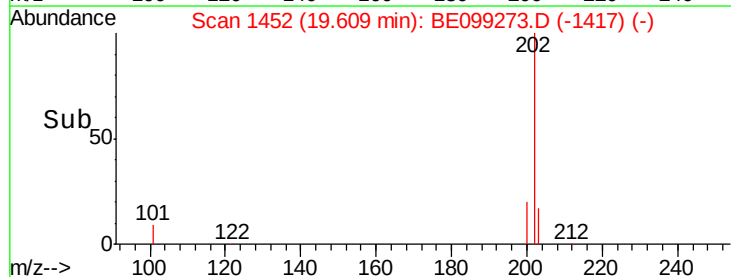
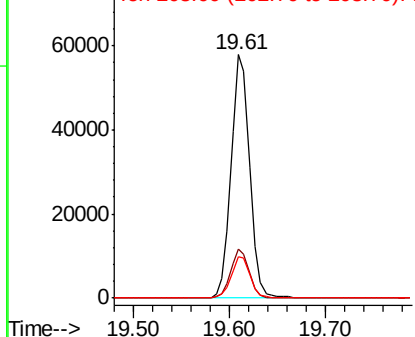


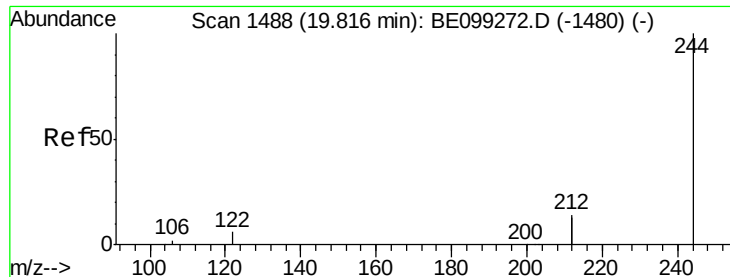
#28
Pyrene
Concen: 0.656 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:202 Resp: 76850
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.5 13.9 20.9



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: 0.693 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

Instrument :

BNA_E

ClientSampled :

SSTDIC0.8

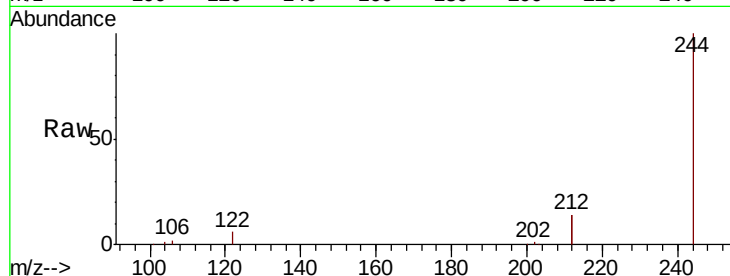
Tot Ion:244 Resp: 53166

Ion Ratio Lower Upper

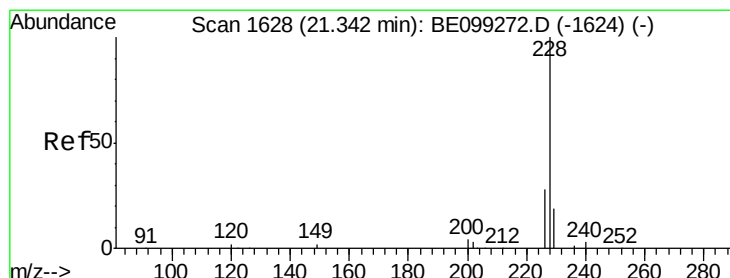
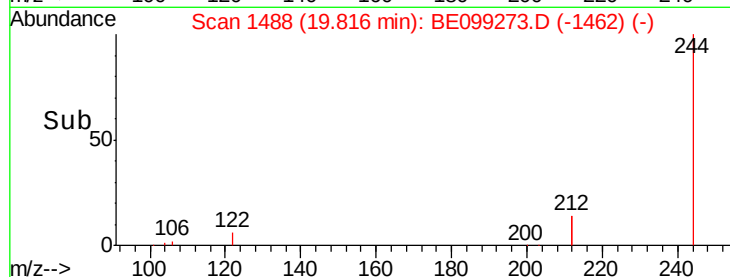
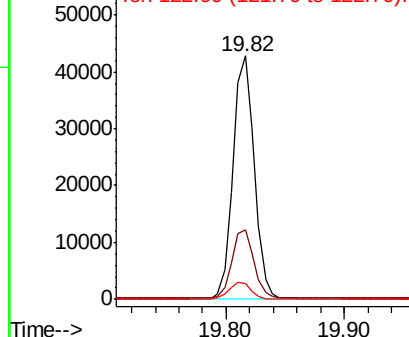
244 100

212 28.7 22.6 33.8

122 6.3 4.6 7.0



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: 0.782 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

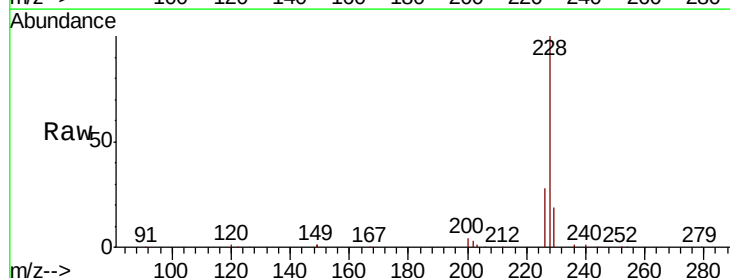
Tgt Ion:228 Resp: 90947

Ion Ratio Lower Upper

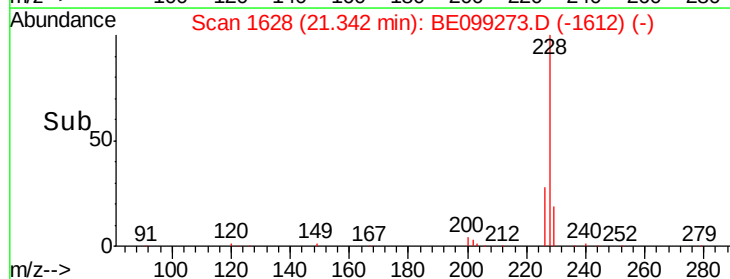
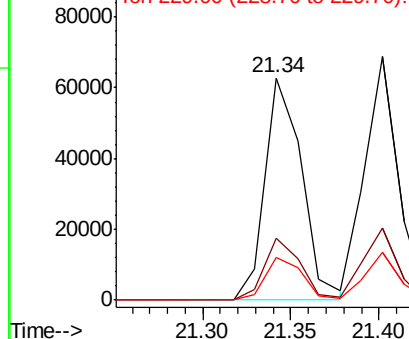
228 100

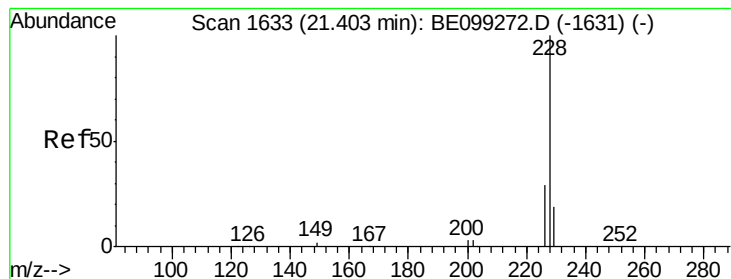
226 28.0 22.3 33.5

229 19.3 15.4 23.0



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: 0.719 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

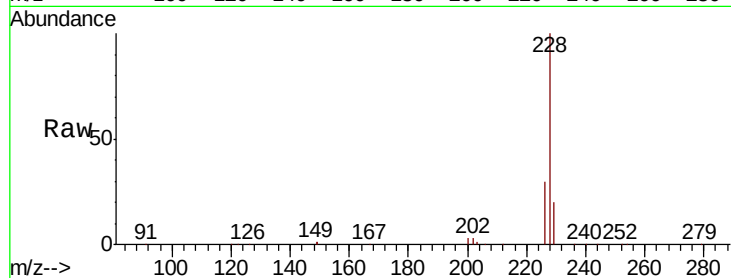
Tot Ion:228 Resp: 89345

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

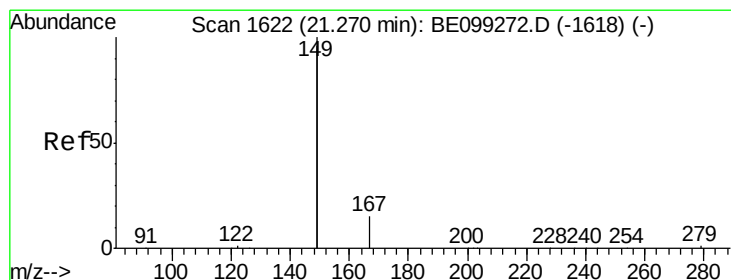
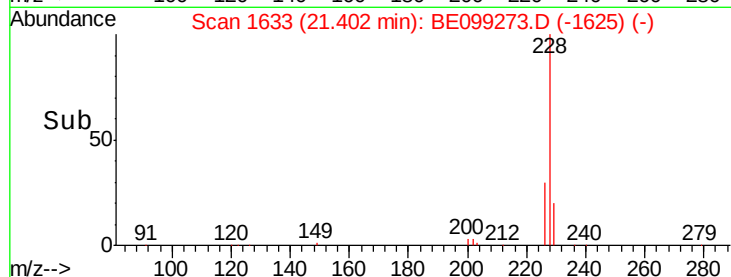
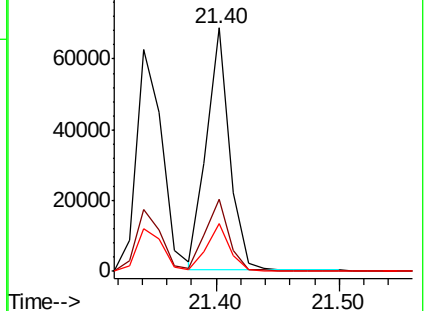
229 19.8 15.6 23.4



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: 0.784 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

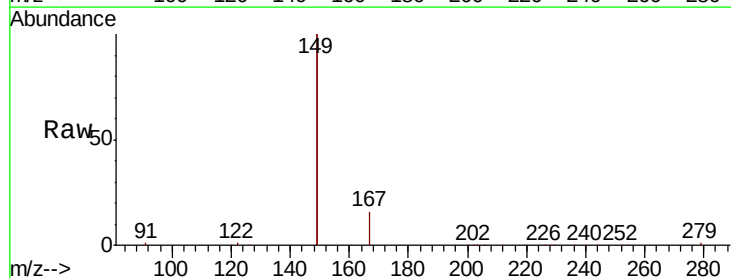
Tgt Ion:149 Resp: 108805

Ion Ratio Lower Upper

149 100

167 7.6 6.1 9.1

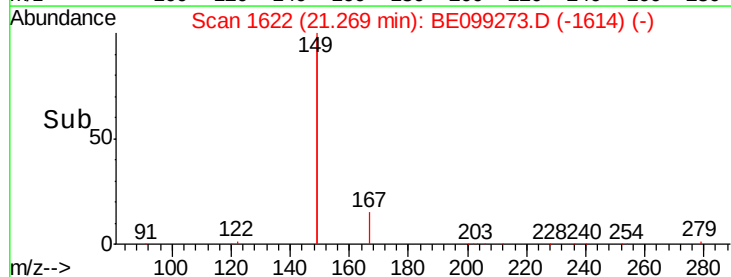
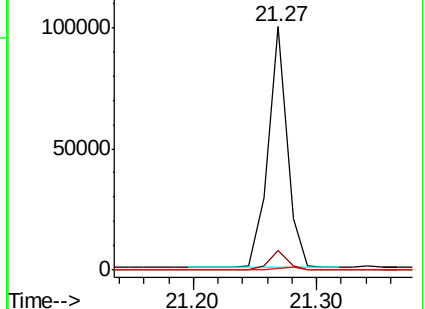
279 1.2 1.0 1.4

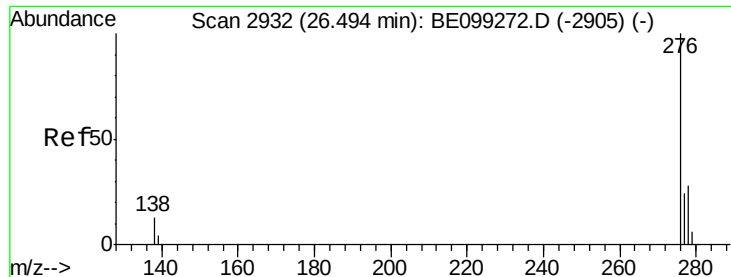


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

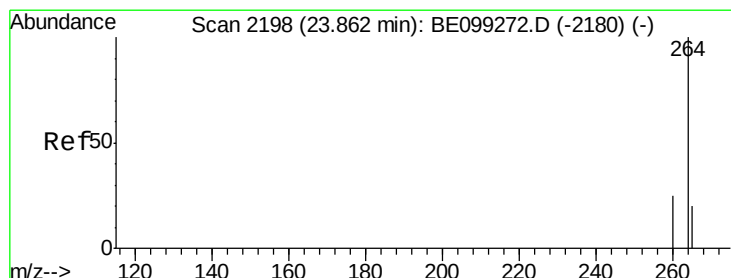
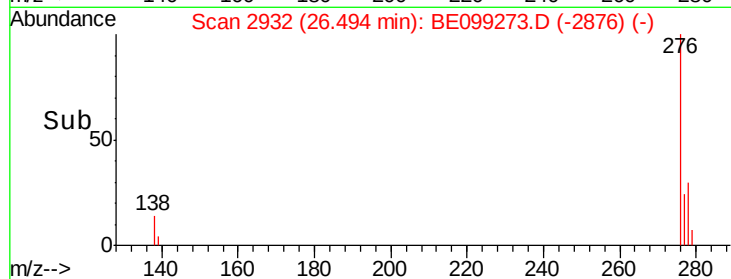
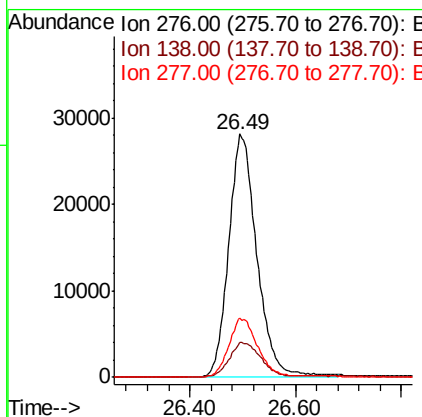
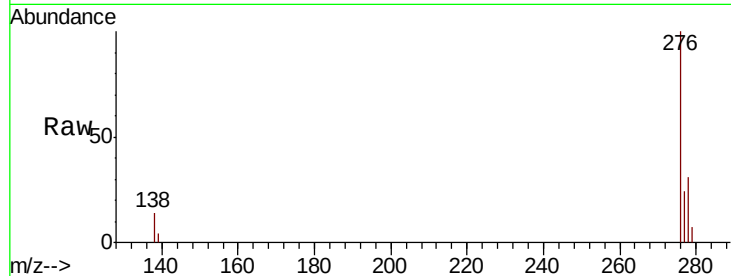




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.882 ng
 RT: 26.49 min Scan# 2932
 Delta R.T. 0.00 min
 Lab File: BE099273.D
 Acq: 2 Apr 2019 13:51

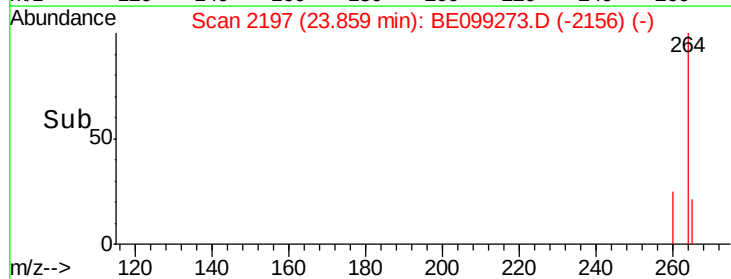
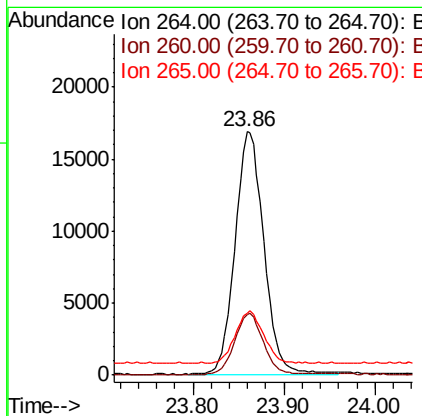
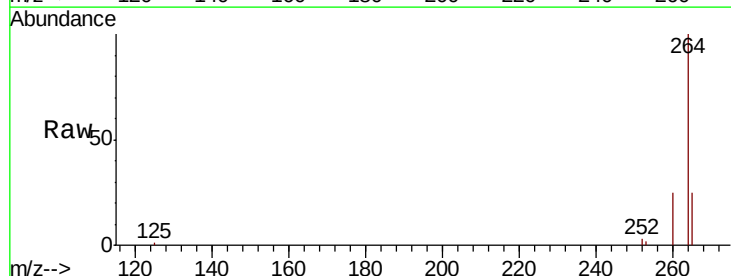
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

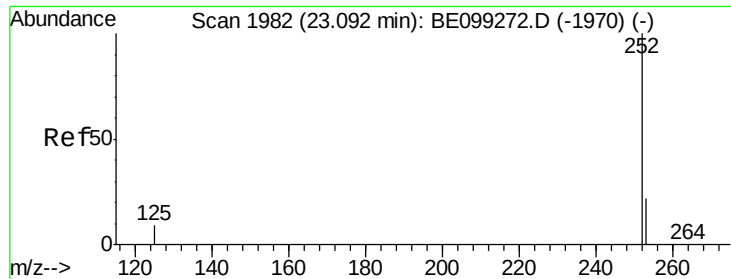
Tot Ion:276 Resp: 103797
 Ion Ratio Lower Upper
 276 100
 138 15.4 12.6 18.8
 277 24.4 19.4 29.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: BE099273.D
 Acq: 2 Apr 2019 13:51

Tgt Ion:264 Resp: 36875
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.8
 265 25.4 19.3 28.9

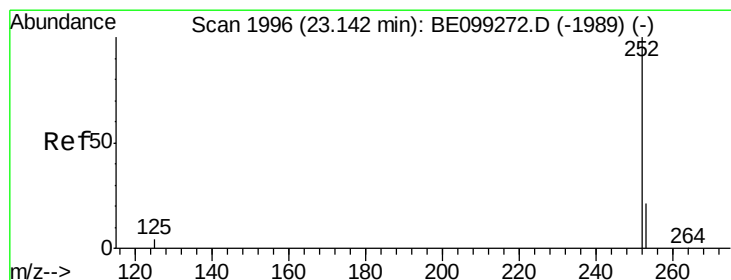
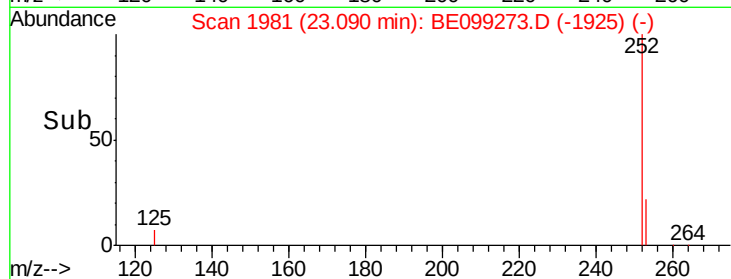
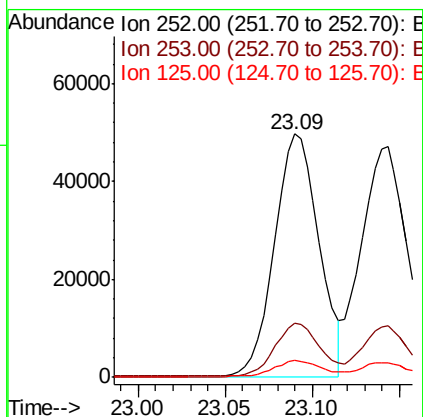
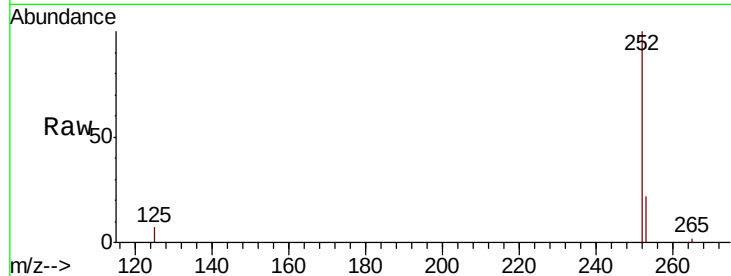




#35
Benzo(b)fluoranthene
Concen: 0.723 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

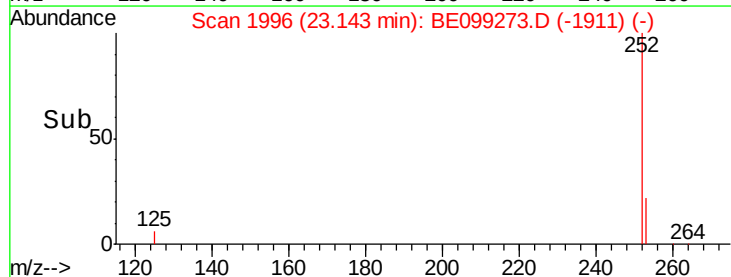
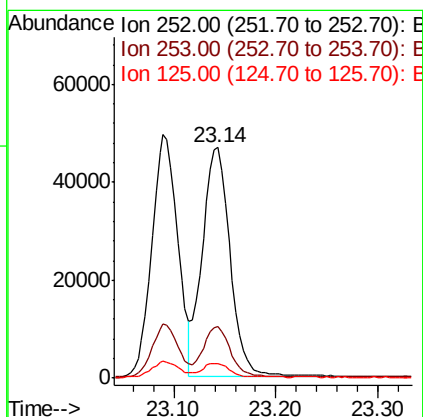
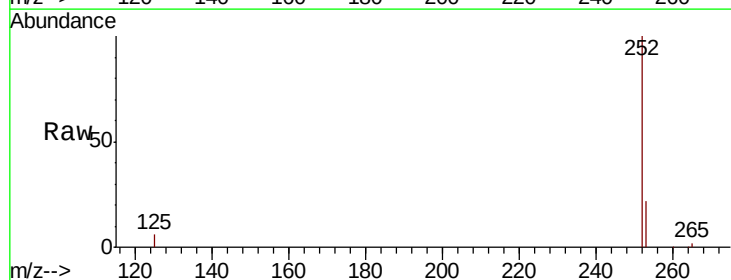
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

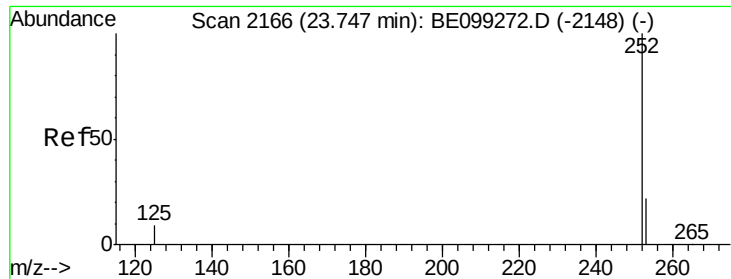
Tot Ion:252 Resp: 87756
Ion Ratio Lower Upper
252 100
253 22.3 18.6 27.8
125 6.9 7.4 11.2#



#36
Benzo(k)fluoranthene
Concen: 0.689 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:252 Resp: 88421
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 6.4 5.8 8.6

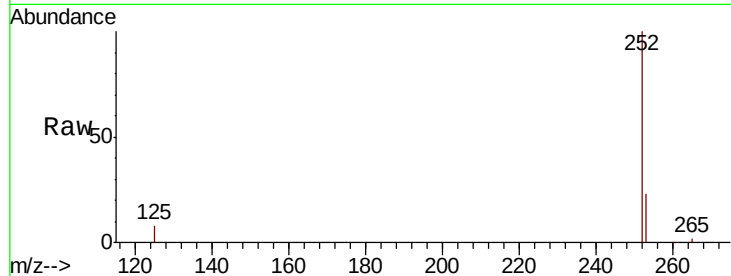




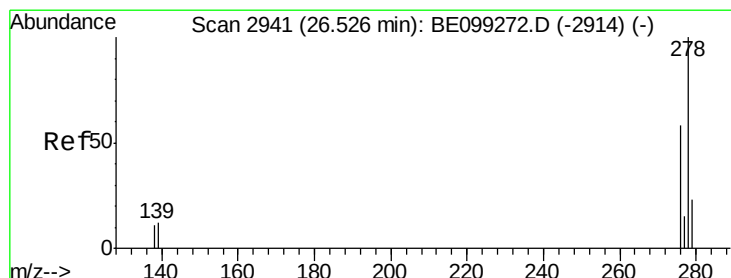
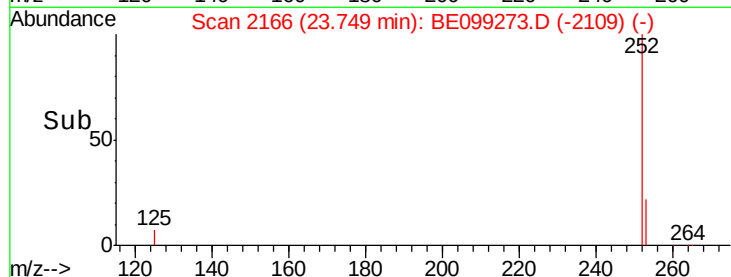
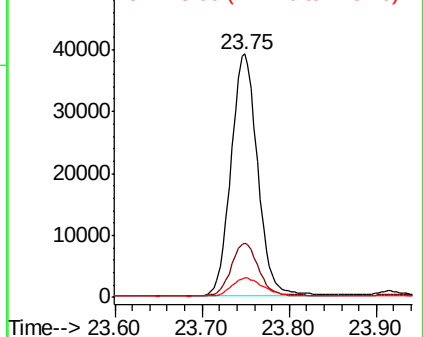
#37
Benzo(a)pyrene
Concen: 0.736 ng
RT: 23.75 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:252 Resp: 83405
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 7.8 7.8 11.8

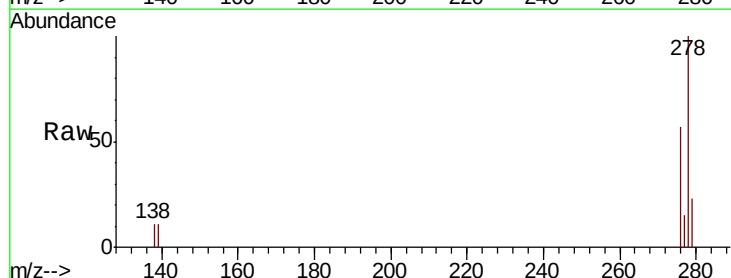


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

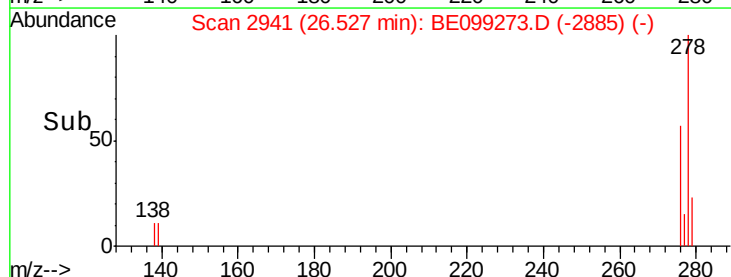
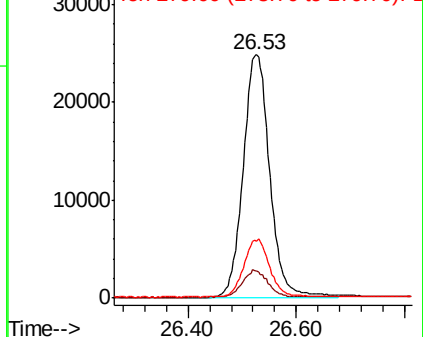


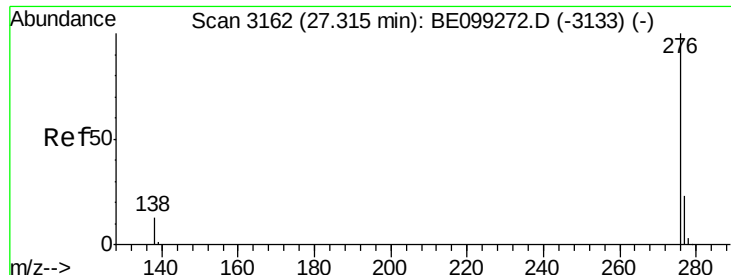
#38
Dibenzo(a,h)anthracene
Concen: 0.844 ng
RT: 26.53 min Scan# 2941
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:278 Resp: 84957
Ion Ratio Lower Upper
278 100
139 11.3 10.2 15.2
279 23.2 19.0 28.4



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: 0.838 ng

RT: 27.31 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BE099273.D

Acq: 2 Apr 2019 13:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

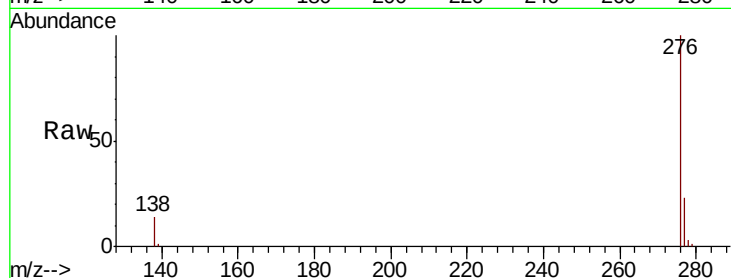
Tot Ion: 276 Resp: 84599

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 13.6 11.2 16.8



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

