

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121018\
 Data File : BE098297.D
 Acq On : 10 Dec 2018 13:42
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Dec 10 14:19:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 13:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1698	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	7470	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4785	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	13293	0.40	ng	0.00
27) Chrysene-d12	21.46	240	13489	0.40	ng	0.00
34) Perylene-d12	24.01	264	11986	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	6538	1.44	ng	0.00
5) Phenol-d6	7.04	99	9511	1.49	ng	0.00
8) Nitrobenzene-d5	9.02	82	11525	1.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	19278	1.59	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	3198	1.41	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	29079	1.47	ng	0.00
25) Fluoranthene-d10	19.31	212	275479	1.54	ng	0.00
29) Terphenyl-d14	19.90	244	55150	1.82	ng	0.00

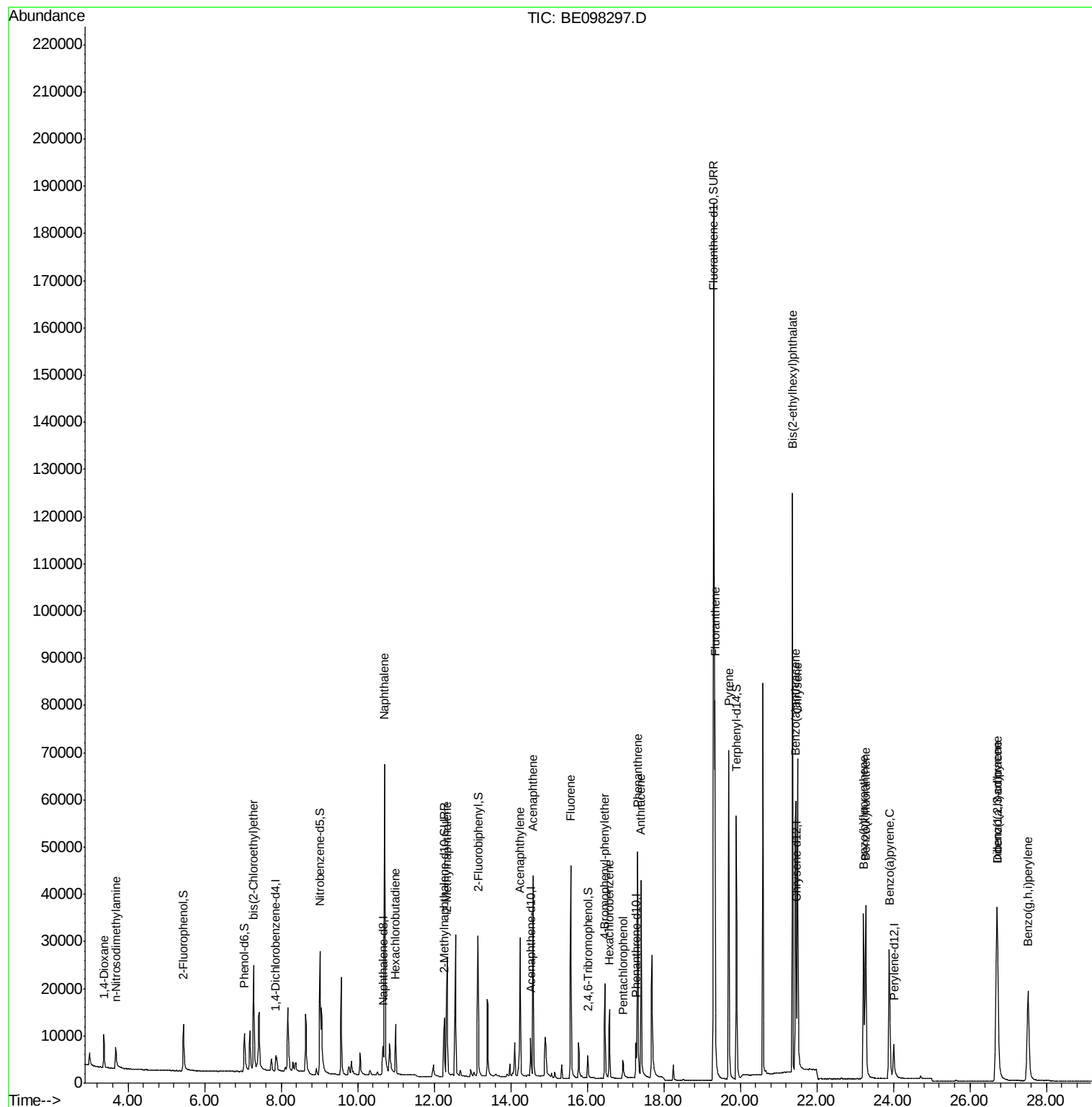
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	4261	1.353	ng	97
3) n-Nitrosodimethylamine	3.68	42	4619	1.417	ng	# 100
6) bis(2-Chloroethyl)ether	7.28	93	8797	1.496	ng	100
9) Naphthalene	10.70	128	117776	1.569	ng	100
10) Hexachlorobutadiene	10.99	225	7272	1.511	ng	98
12) 2-Methylnaphthalene	12.34	142	19721	1.583	ng	99
16) Acenaphthylene	14.24	152	35801	1.603	ng	99
17) Acenaphthene	14.59	154	21230	1.595	ng	99
18) Fluorene	15.57	166	29163	1.653	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	11301	1.502	ng	# 85
21) Hexachlorobenzene	16.58	284	11661	1.499	ng	97
22) Pentachlorophenol	16.93	266	2812	1.115	ng	92
23) Phenanthrene	17.32	178	50993	1.545	ng	99
24) Anthracene	17.41	178	47344	1.540	ng	99
26) Fluoranthene	19.34	202	69270	1.537	ng	100
28) Pyrene	19.70	202	70560	1.888	ng	100
30) Benzo(a)anthracene	21.45	228	61445	1.547	ng	98
31) Chrysene	21.50	228	63177	1.566	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	124526	1.309	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	60394	1.481	ng	99
35) Benzo(b)fluoranthene	23.22	252	50961	1.450	ng	# 94
36) Benzo(k)fluoranthene	23.28	252	59768	1.620	ng	# 96
37) Benzo(a)pyrene	23.89	252	52672	1.556	ng	# 93
38) Dibenzo(a,h)anthracene	26.72	278	50528	1.574	ng	# 94
39) Benzo(g,h,i)perylene	27.52	276	51178	1.591	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

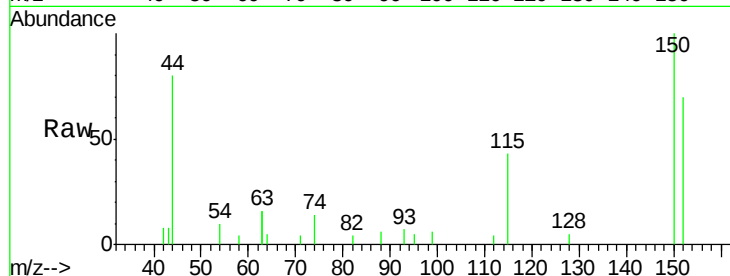
Tgt Ion:152 Resp: 1698

Ion Ratio Lower Upper

152 100

150 142.8 124.2 186.4

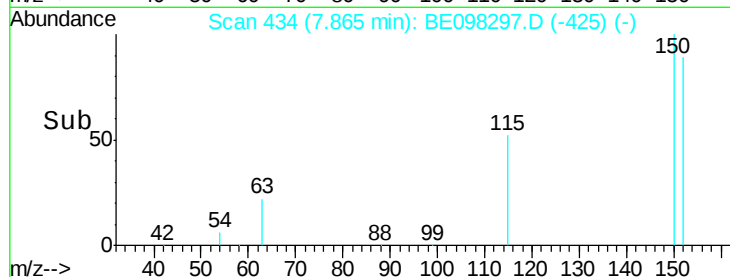
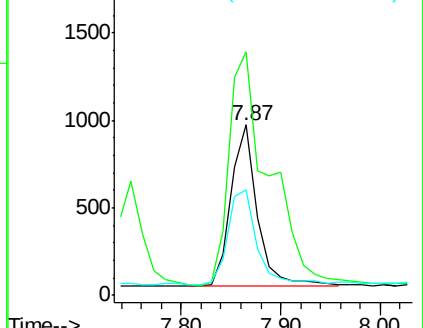
115 61.9 53.9 80.9



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: 1.353 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

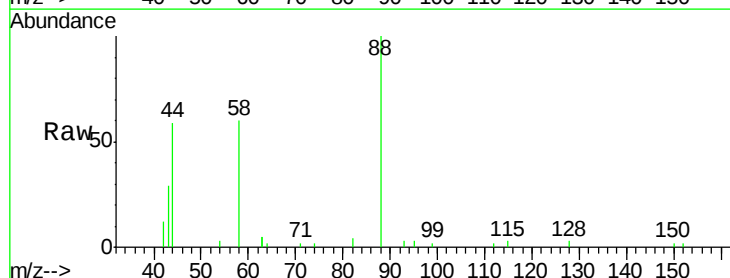
Tgt Ion: 88 Resp: 4261

Ion Ratio Lower Upper

88 100

58 95.9 75.0 112.6

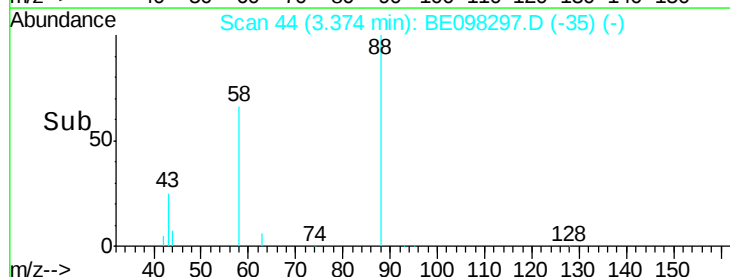
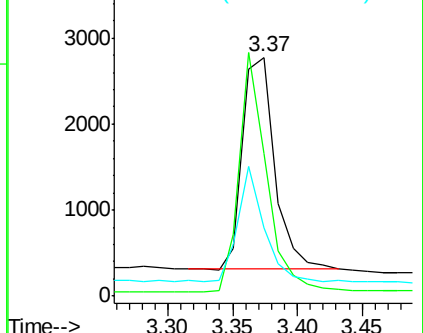
43 44.4 38.3 57.5



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: 1.417 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

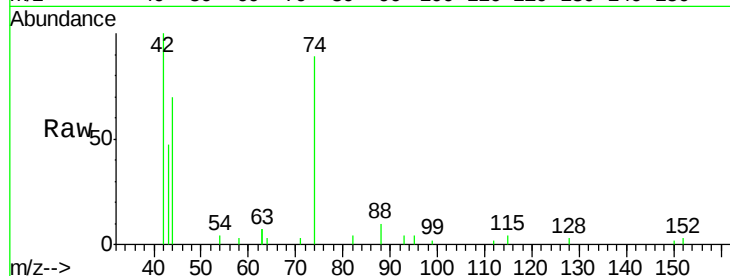
Tgt Ion: 42 Resp: 4619

Ion Ratio Lower Upper

42 100

74 84.7 0.0 0.0#

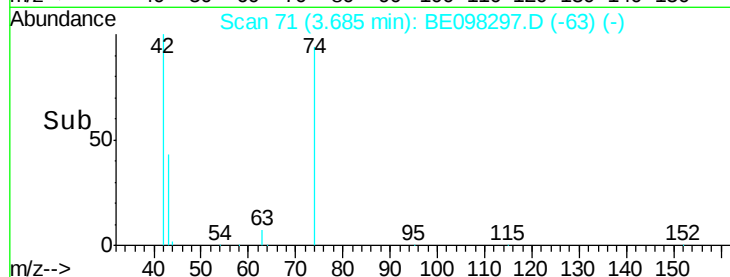
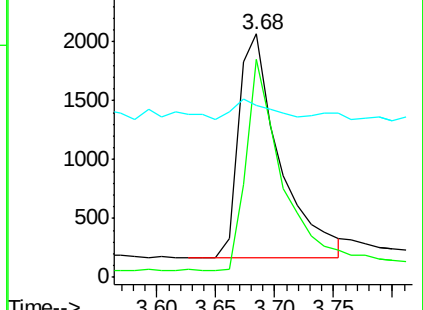
44 8.1 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 1.442 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

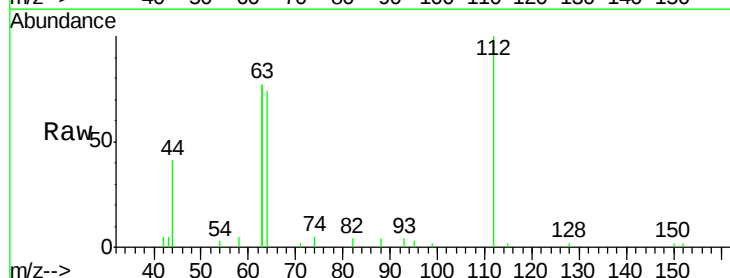
Tgt Ion: 112 Resp: 6538

Ion Ratio Lower Upper

112 100

64 75.2 59.8 89.8

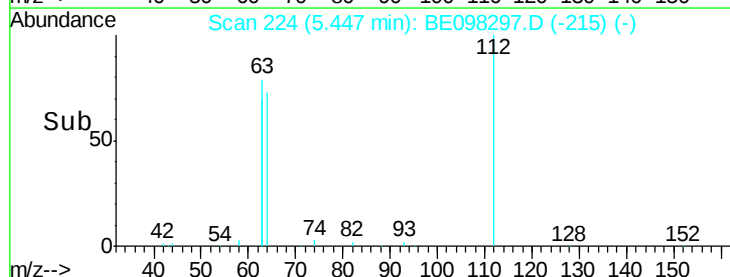
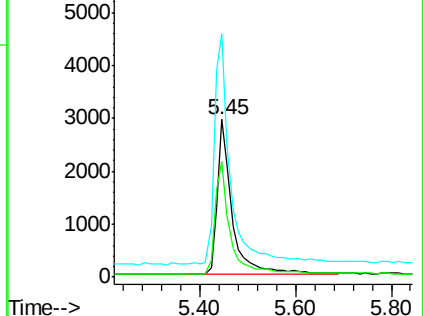
63 161.9 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.489 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

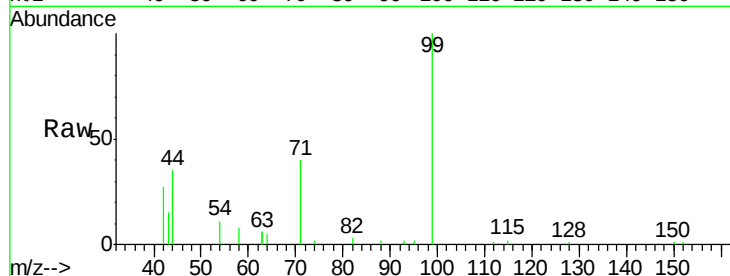
Tgt Ion: 99 Resp: 9511

Ion Ratio Lower Upper

99 100

42 27.9 26.3 39.5

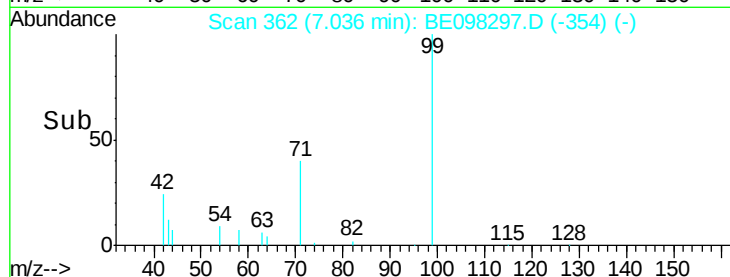
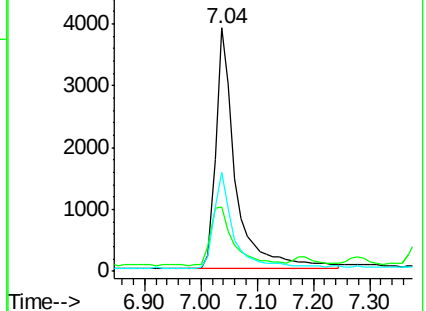
71 39.2 33.6 50.4



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: 1.496 ng

RT: 7.28 min Scan# 383

Delta R.T. -0.01 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

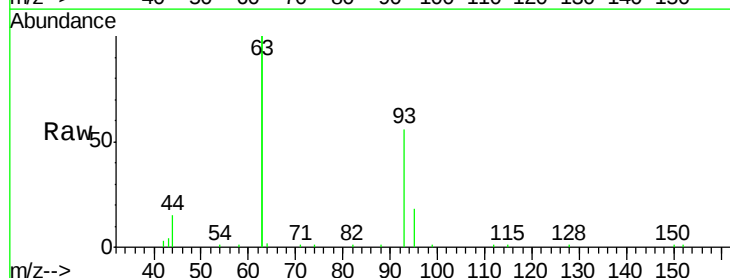
Tgt Ion: 93 Resp: 8797

Ion Ratio Lower Upper

93 100

63 331.2 264.4 396.6

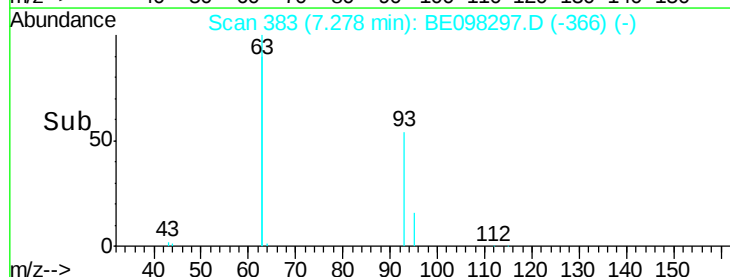
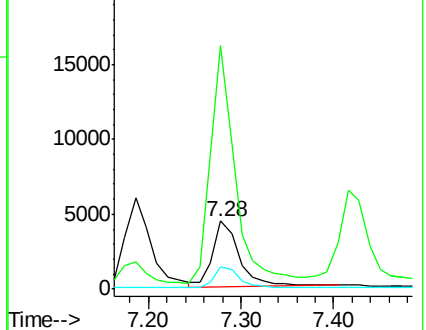
95 33.3 26.6 40.0

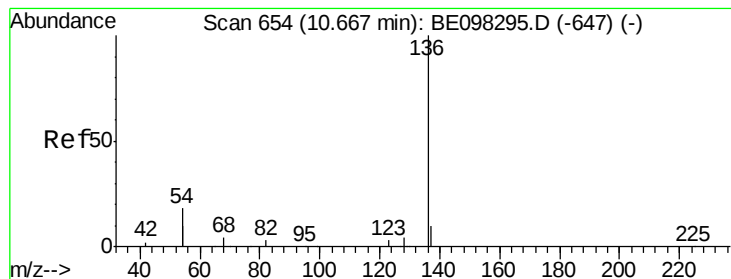


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tgt Ion: 136 Resp: 7470

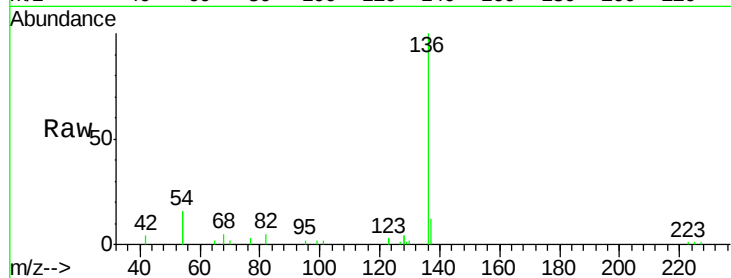
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 31.1 28.4 42.6

68 5.2 5.4 8.0#

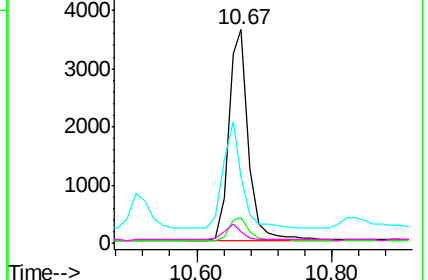
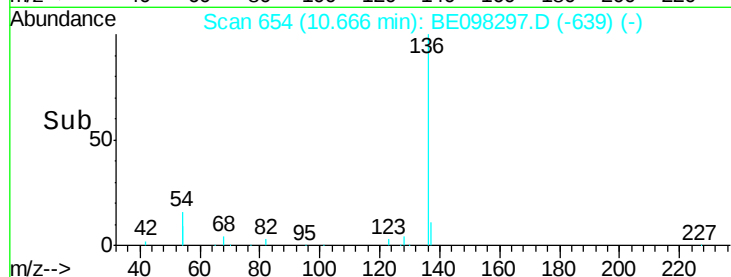


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.523 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

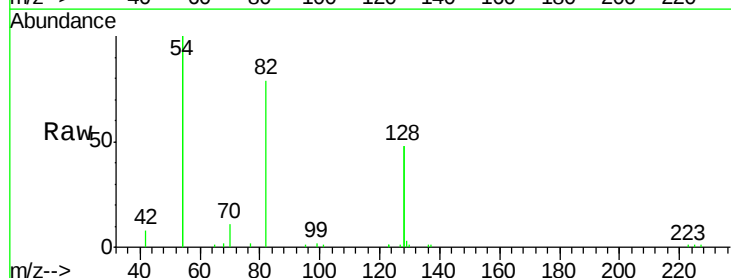
Tgt Ion: 82 Resp: 11525

Ion Ratio Lower Upper

82 100

128 122.2 102.4 153.6

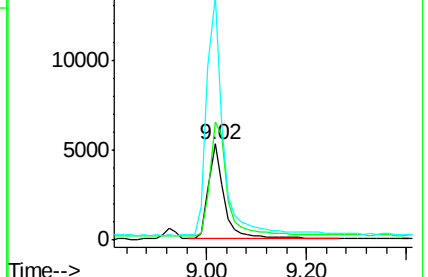
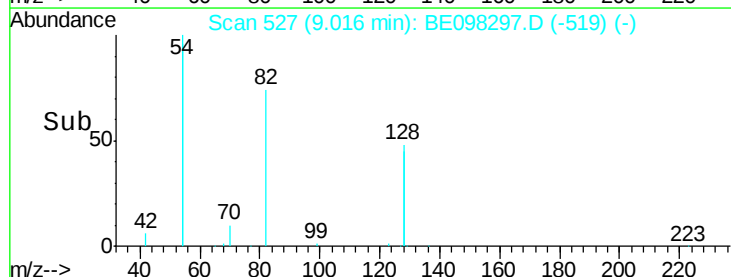
54 252.9 221.8 332.8



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: 1.569 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

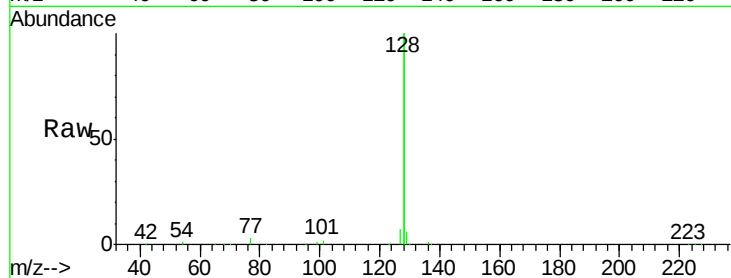
Tgt Ion:128 Resp: 117776

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

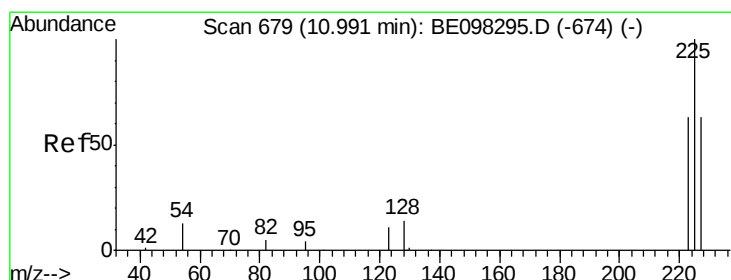
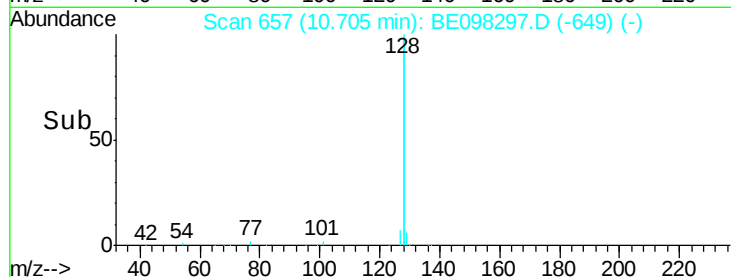
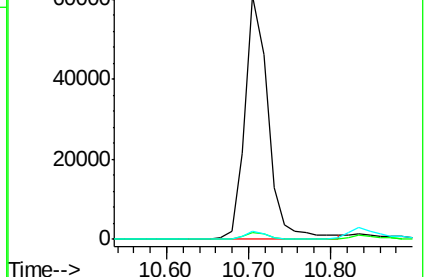
127 3.5 2.7 4.1



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: 1.511 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

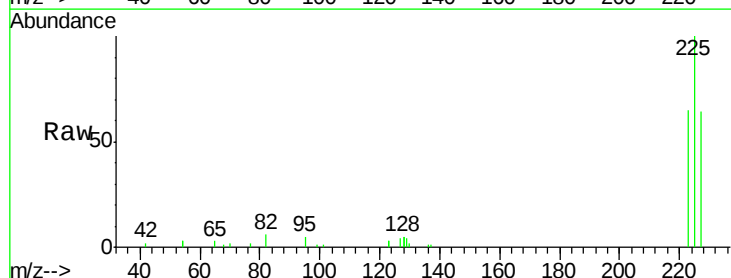
Tgt Ion:225 Resp: 7272

Ion Ratio Lower Upper

225 100

223 63.3 49.4 74.0

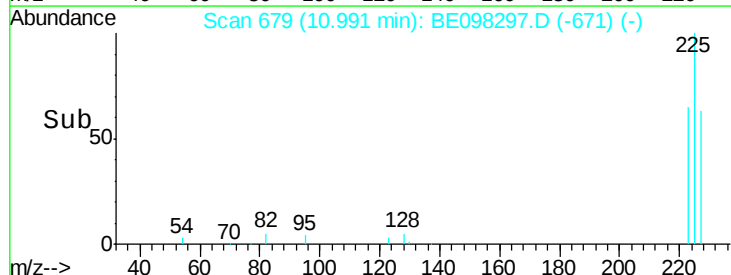
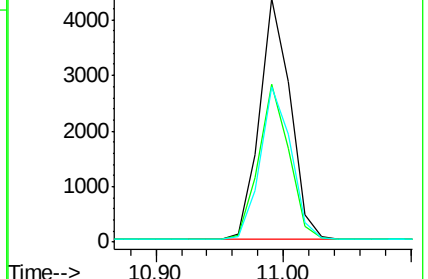
227 63.8 52.0 78.0



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: 1.589 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

Instrument :

BNA_E

ClientSampleId :

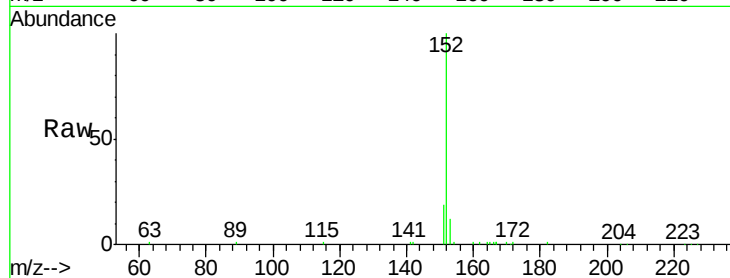
SSTDICC1.6

Tgt Ion:152 Resp: 19278

Ion Ratio Lower Upper

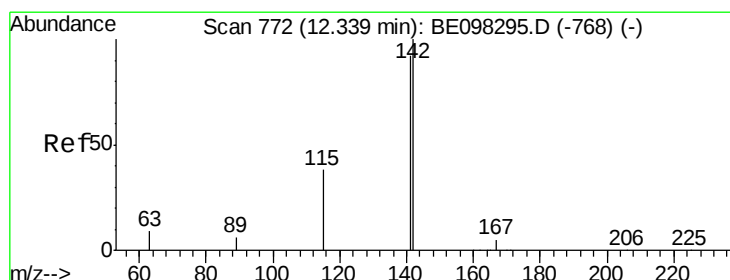
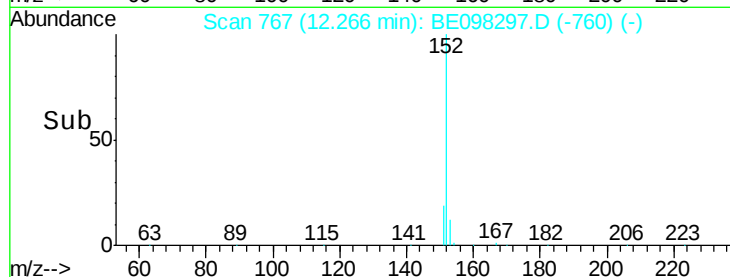
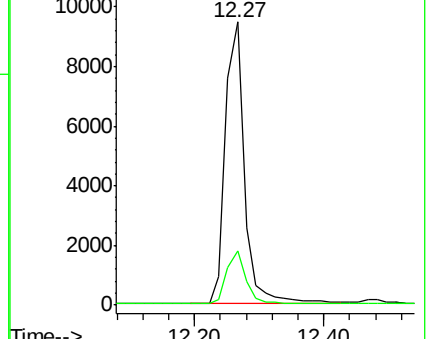
152 100

151 19.2 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 1.583 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

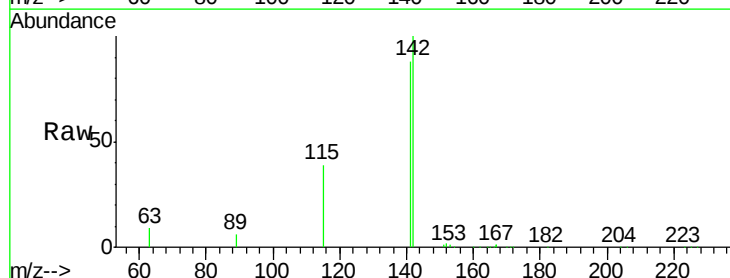
Tgt Ion:142 Resp: 19721

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.6

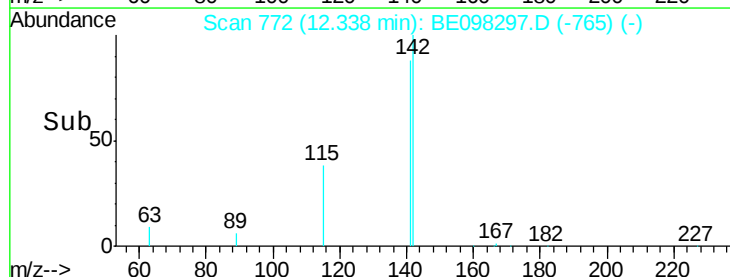
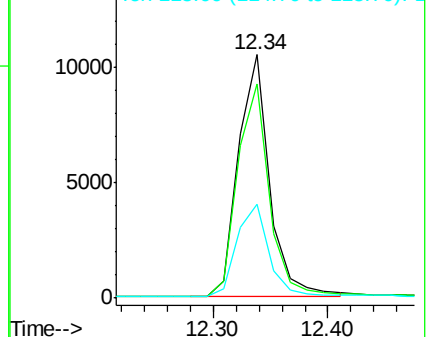
115 38.6 32.2 48.2

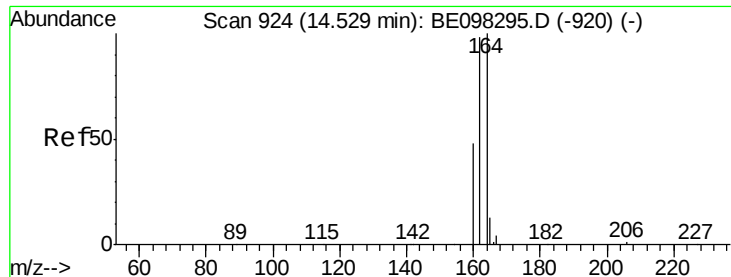


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

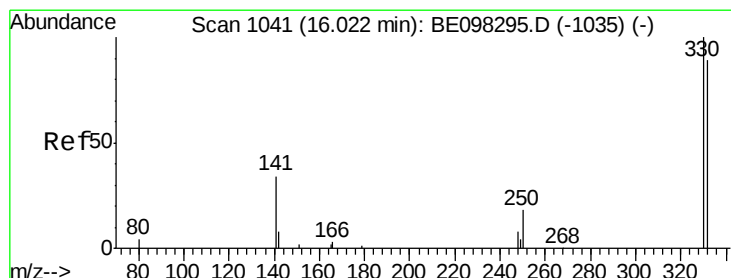
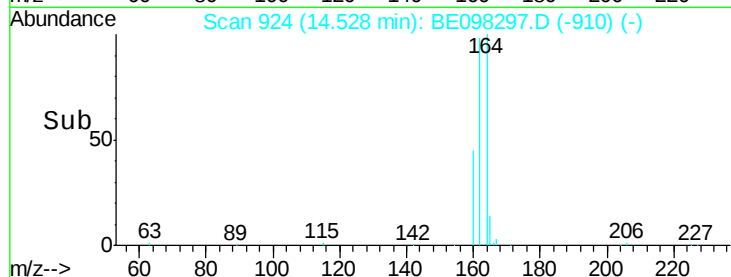
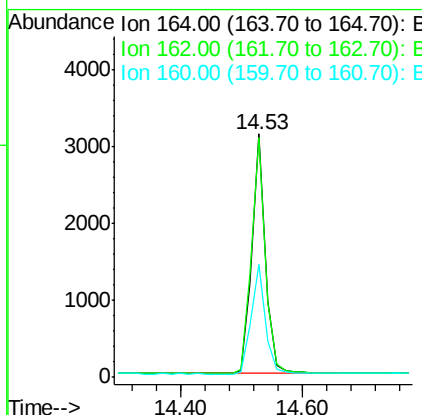
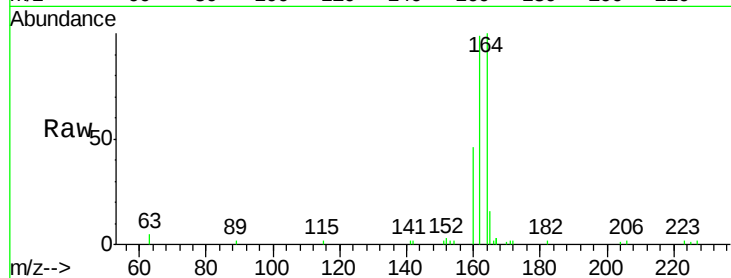




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098297.D
 Acq: 10 Dec 2018 13:42

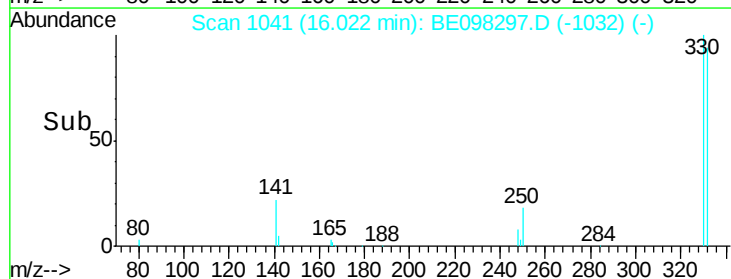
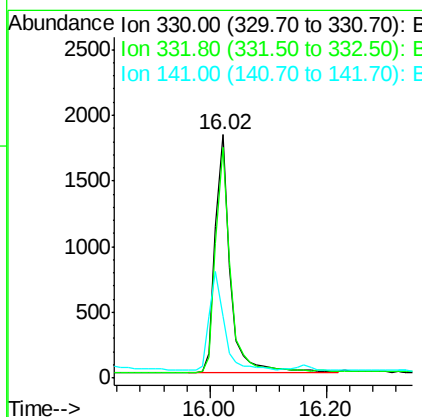
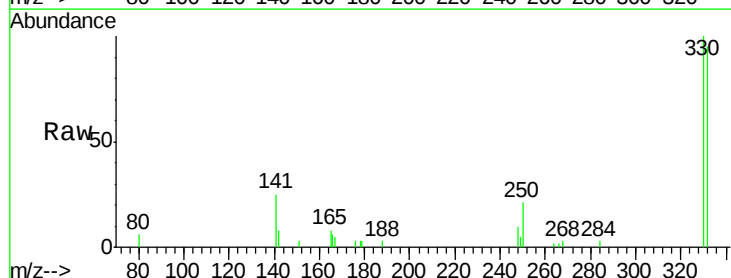
Instrument :
 BNA_E
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 SSTDICC1.6

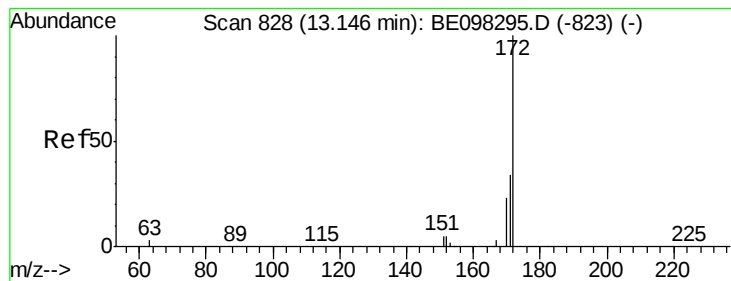
Tgt Ion:164 Resp: 4785
 Ion Ratio Lower Upper
 164 100
 162 98.7 77.6 116.4
 160 46.2 36.0 54.0



#14
 2,4,6-Tribromophenol
 Concen: 1.409 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098297.D
 Acq: 10 Dec 2018 13:42

Tgt Ion:330 Resp: 3198
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.2 114.4
 141 41.7 39.0 58.4





#15

2-Fluorobiphenyl

Concen: 1.467 ng

RT: 13.15 min Scan# 828

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

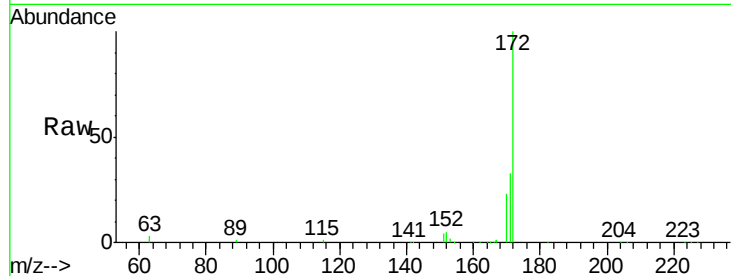
Tgt Ion:172 Resp: 29079

Ion Ratio Lower Upper

172 100

171 33.1 27.5 41.3

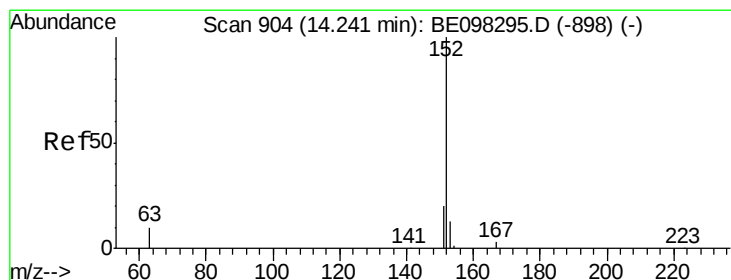
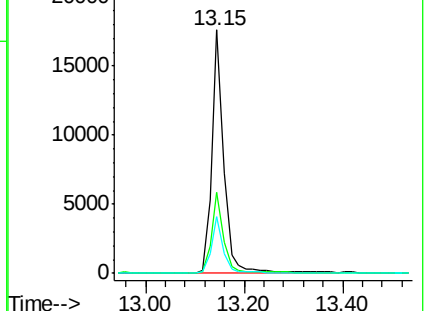
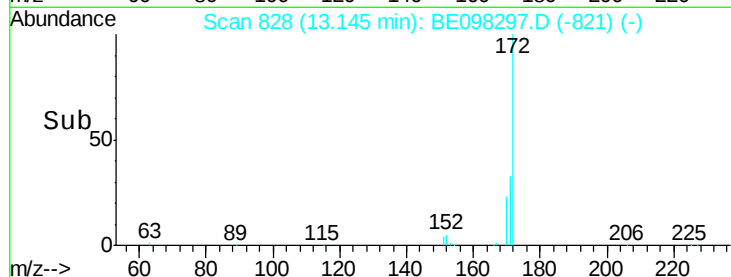
170 23.0 19.6 29.4



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: 1.603 ng

RT: 14.24 min Scan# 904

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

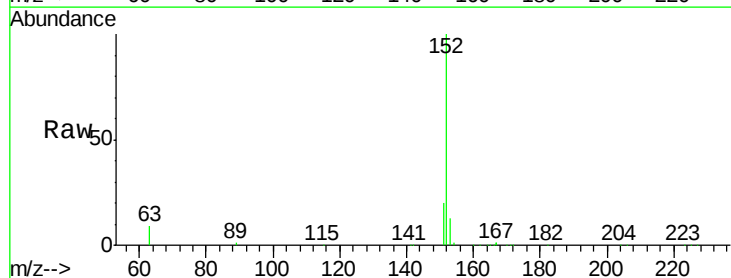
Tgt Ion:152 Resp: 35801

Ion Ratio Lower Upper

152 100

151 19.8 15.5 23.3

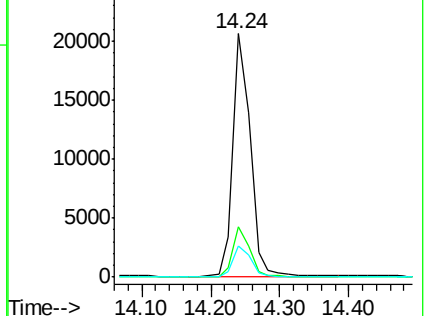
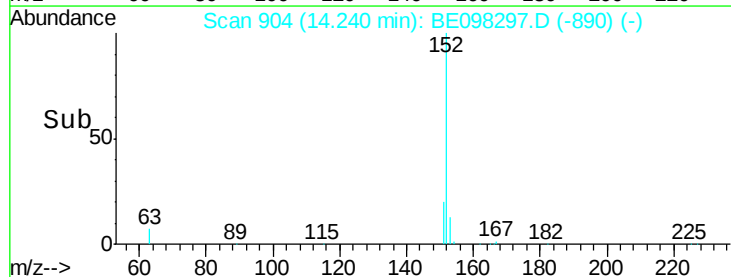
153 12.7 10.6 16.0

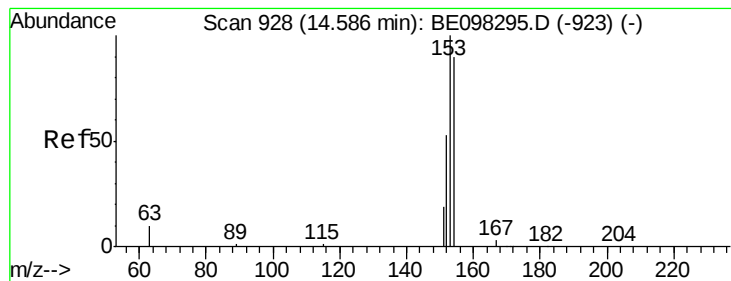


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 1.595 ng

RT: 14.59 min Scan# 928

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

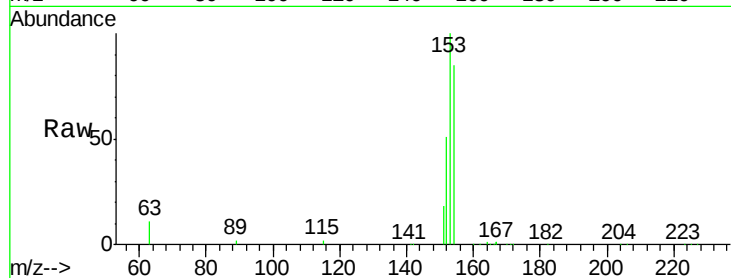
Tgt Ion:154 Resp: 21230

Ion Ratio Lower Upper

154 100

153 115.2 91.8 137.6

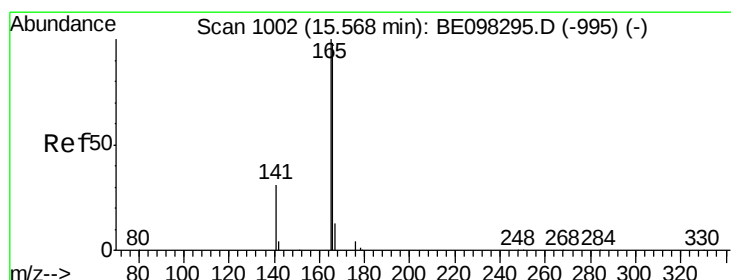
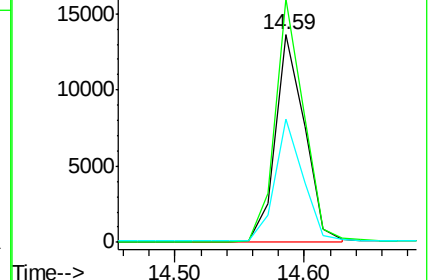
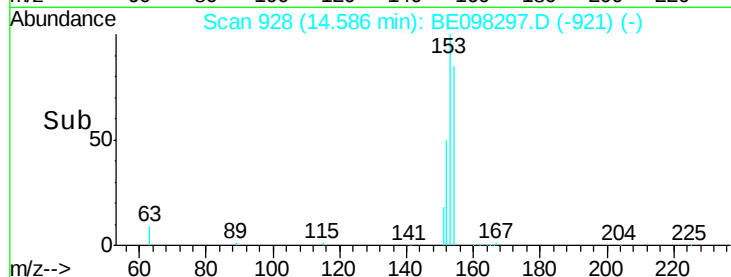
152 57.5 45.5 68.3



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: 1.653 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

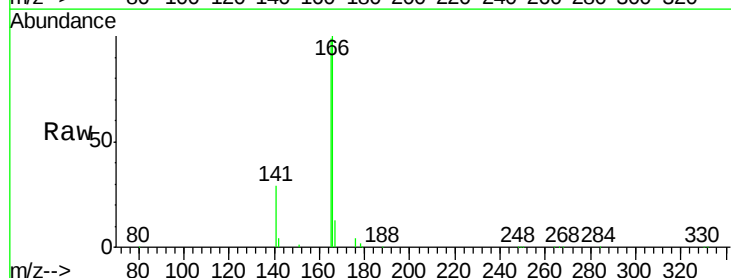
Tgt Ion:166 Resp: 29163

Ion Ratio Lower Upper

166 100

165 98.7 79.3 118.9

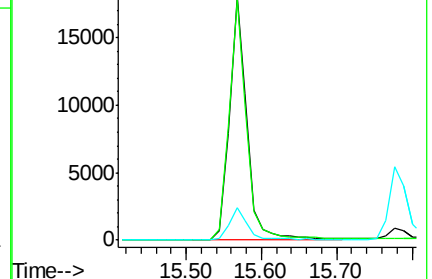
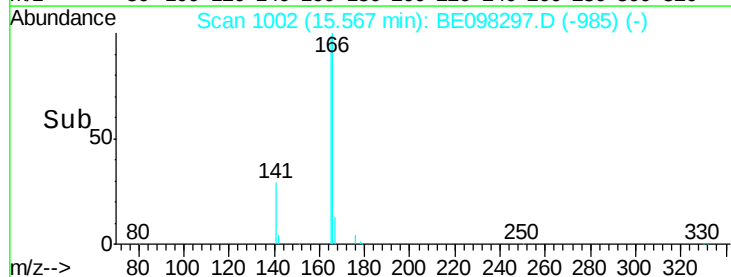
167 13.3 11.3 16.9



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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

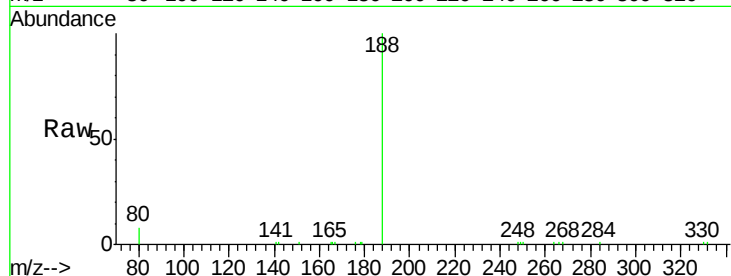
Tgt Ion:188 Resp: 13293

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

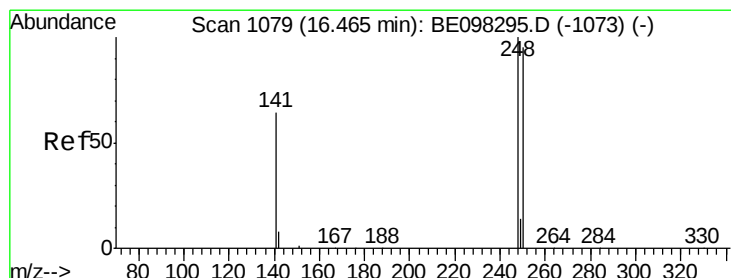
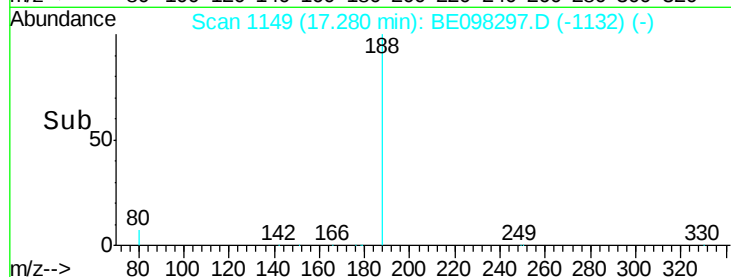
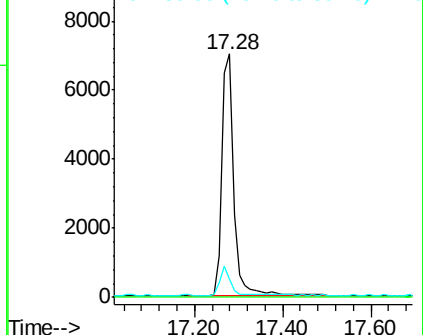
80 7.7 7.2 10.8



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: 1.502 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

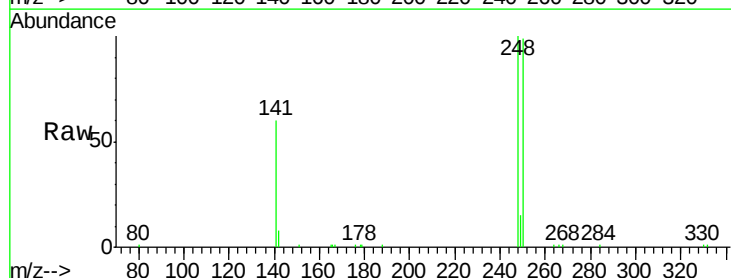
Tgt Ion:248 Resp: 11301

Ion Ratio Lower Upper

248 100

250 98.8 71.0 106.6

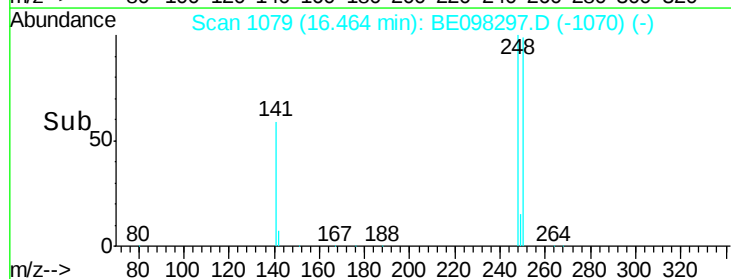
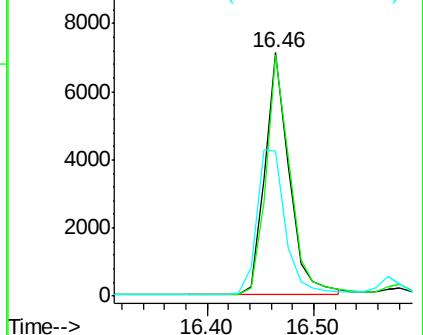
141 59.8 62.1 93.1#



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

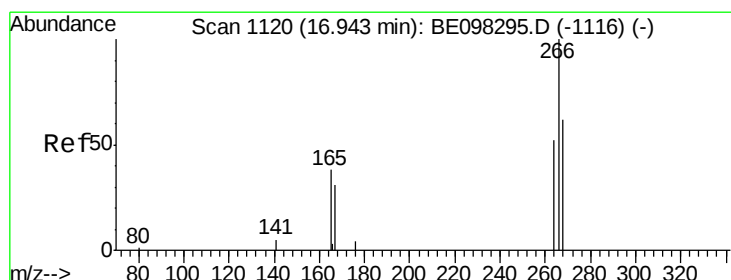
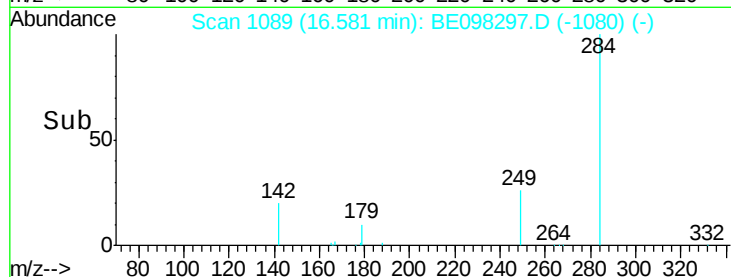
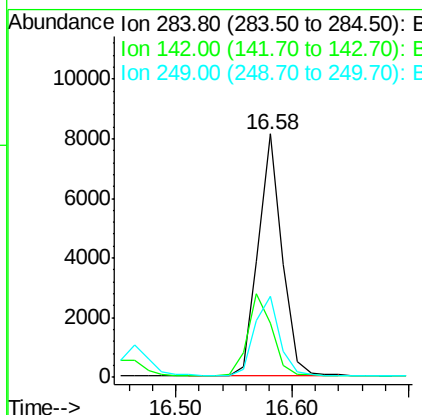
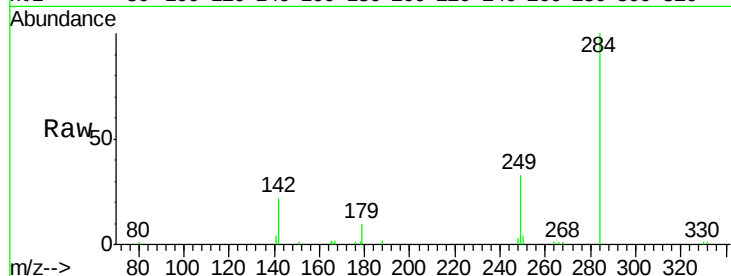




#21
Hexachlorobenzene
Concen: 1.499 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

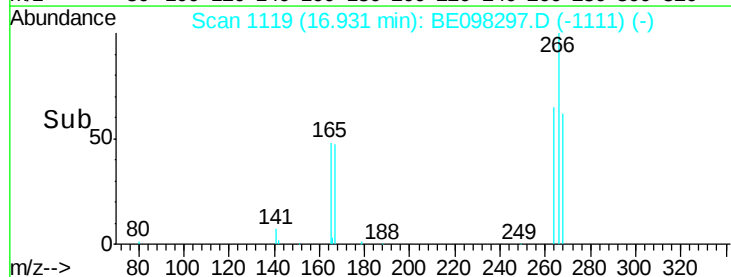
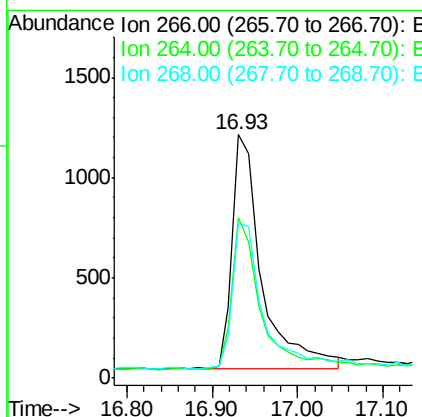
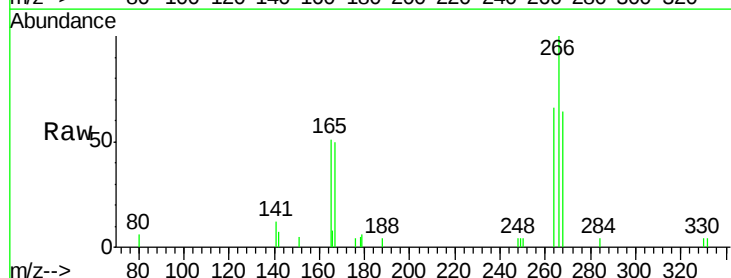
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 11661
Ion Ratio Lower Upper
284 100
142 34.5 26.3 39.5
249 33.8 26.0 39.0



#22
Pentachlorophenol
Concen: 1.115 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion:266 Resp: 2812
Ion Ratio Lower Upper
266 100
264 65.8 59.0 88.4
268 64.0 55.1 82.7





#23

Phenanthrene

Concen: 1.545 ng

RT: 17.32 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

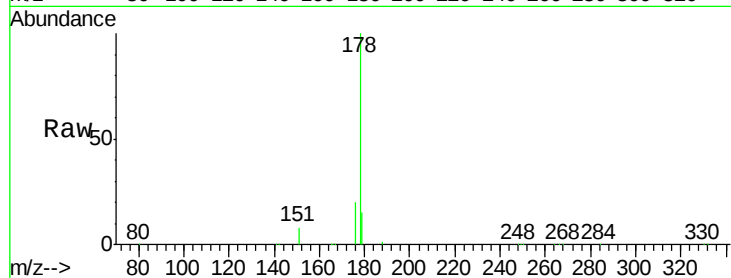
Tgt Ion:178 Resp: 50993

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

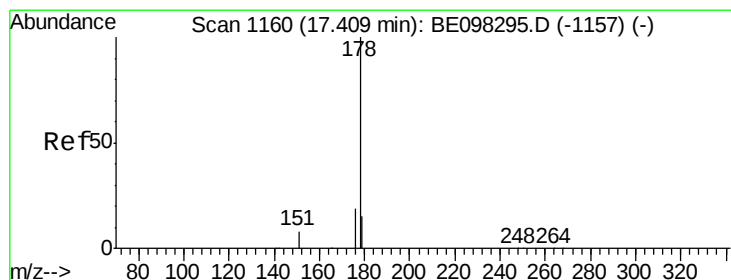
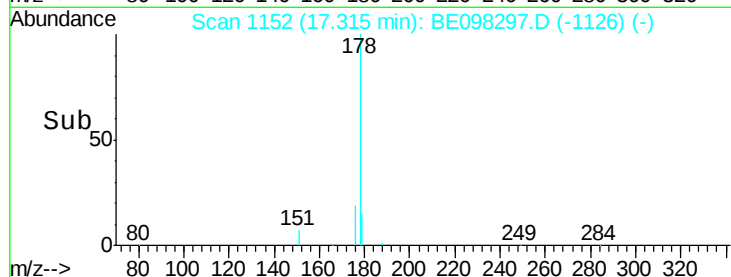
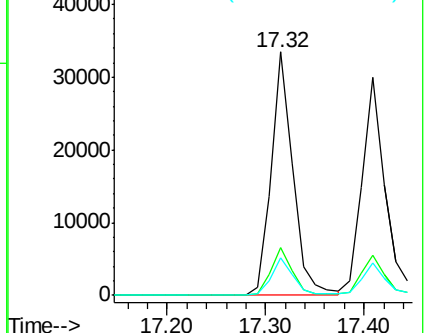
179 15.2 12.3 18.5



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



#24

Anthracene

Concen: 1.540 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

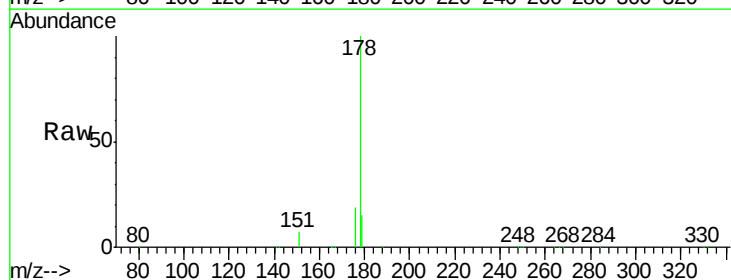
Tgt Ion:178 Resp: 47344

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

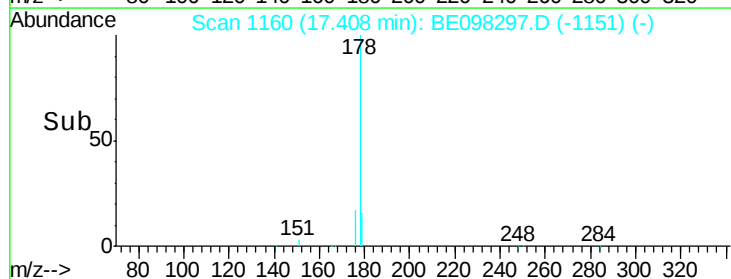
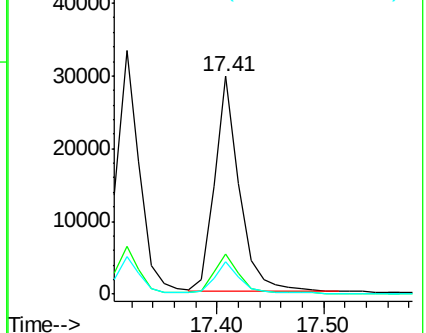
179 15.0 12.3 18.5

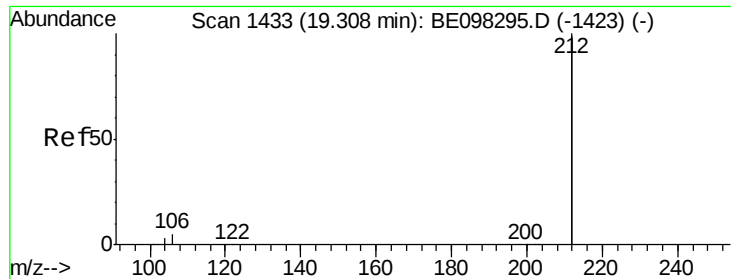


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.536 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

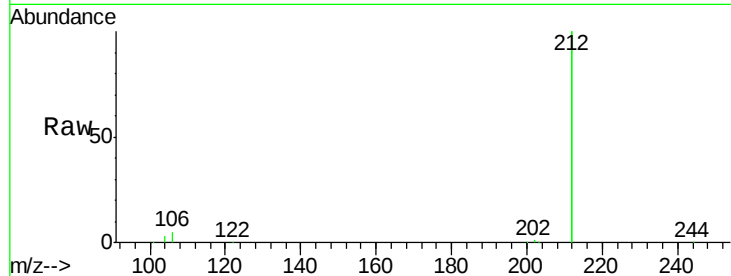
Tgt Ion:212 Resp: 275479

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

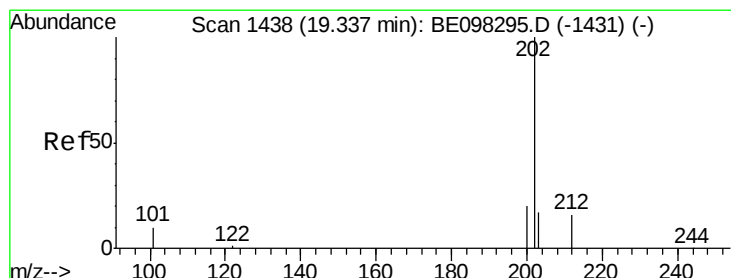
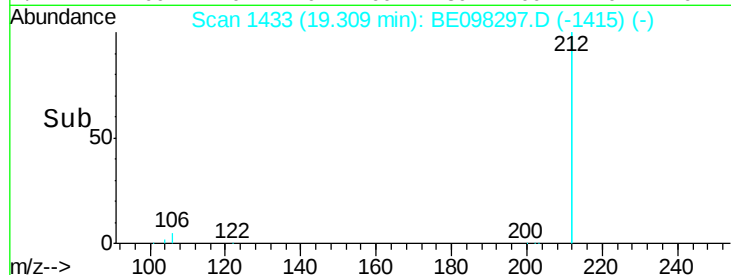
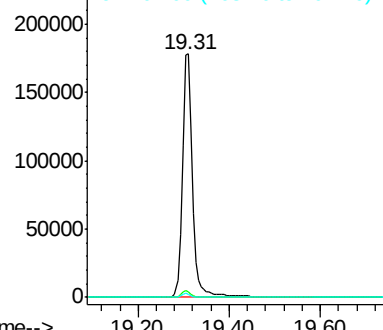
104 1.5 1.3 1.9



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: 1.537 ng

RT: 19.34 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

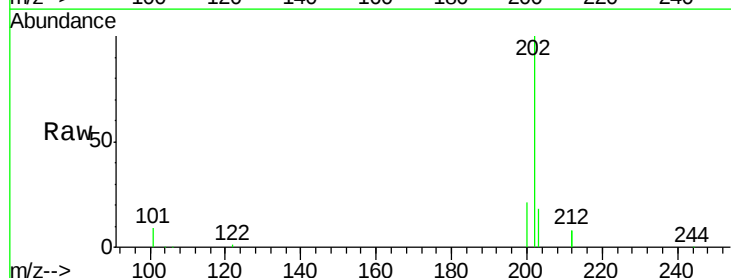
Tgt Ion:202 Resp: 69270

Ion Ratio Lower Upper

202 100

101 10.0 8.0 12.0

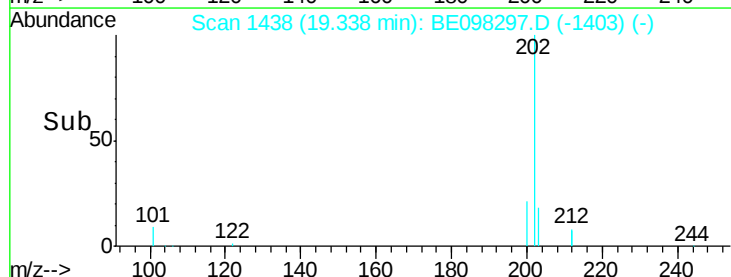
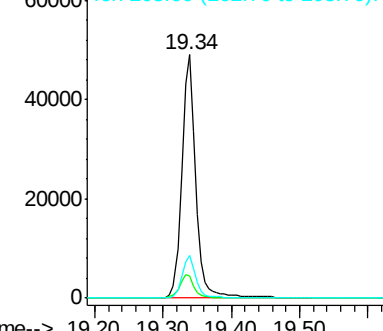
203 17.1 13.8 20.6



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

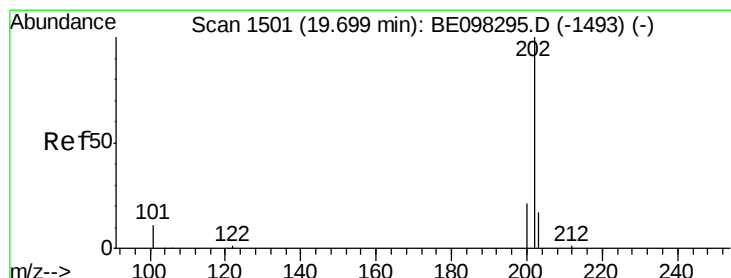
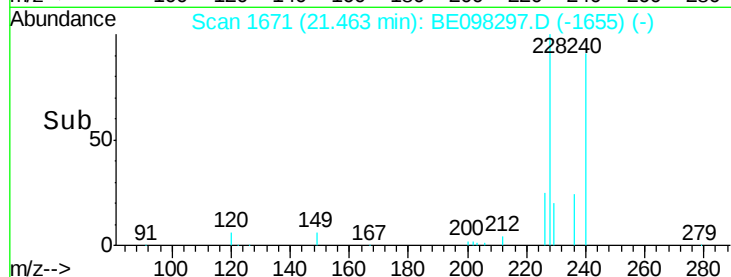
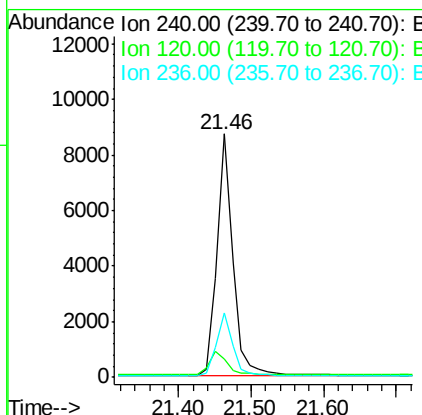
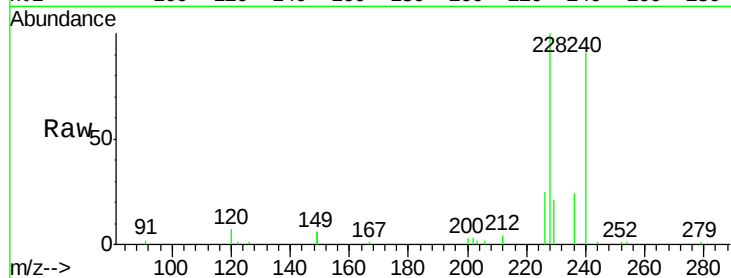




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098297.D
 Acq: 10 Dec 2018 13:42

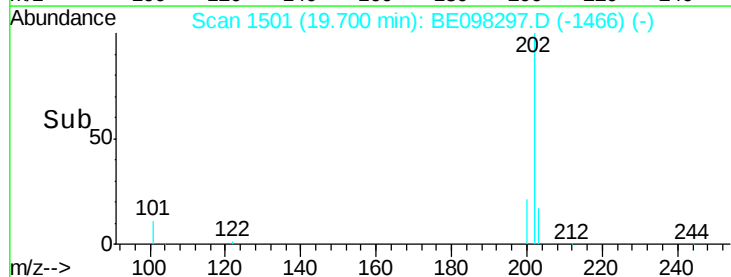
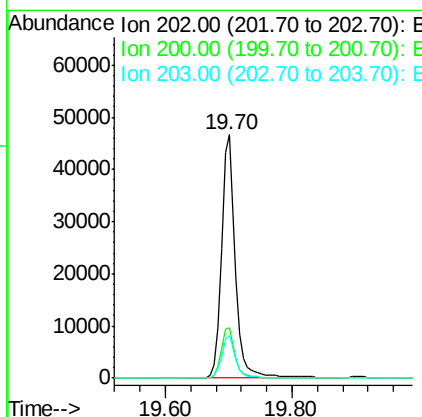
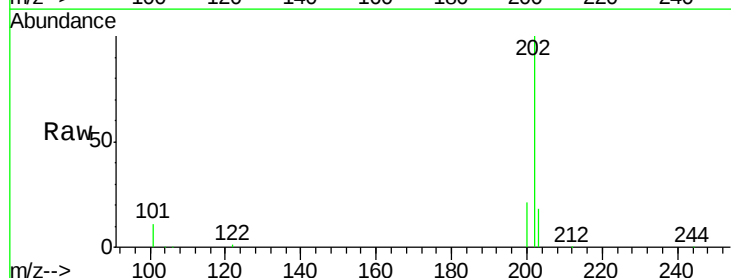
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Tgt Ion:240 Resp: 13489
 Ion Ratio Lower Upper
 240 100
 120 7.3 9.5 14.3#
 236 26.4 22.7 34.1



#28
 Pyrene
 Concen: 1.888 ng
 RT: 19.70 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BE098297.D
 Acq: 10 Dec 2018 13:42

Tgt Ion:202 Resp: 70560
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.7 25.1
 203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 1.818 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

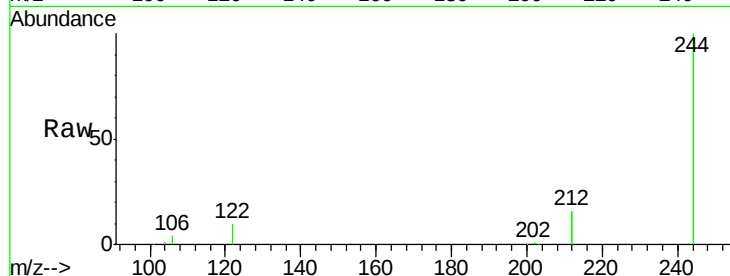
Tgt Ion:244 Resp: 55150

Ion Ratio Lower Upper

244 100

212 32.4 27.4 41.0

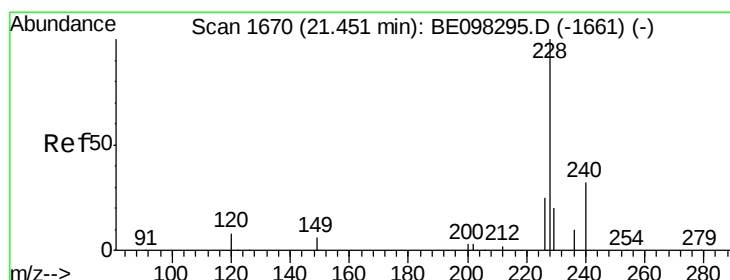
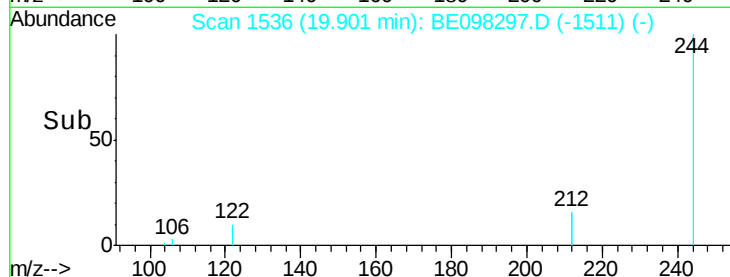
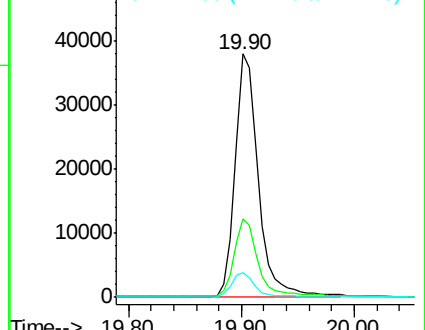
122 10.1 8.3 12.5



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: 1.547 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

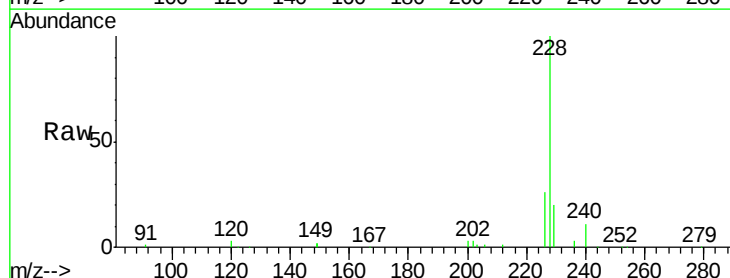
Tgt Ion:228 Resp: 61445

Ion Ratio Lower Upper

228 100

226 25.9 21.8 32.8

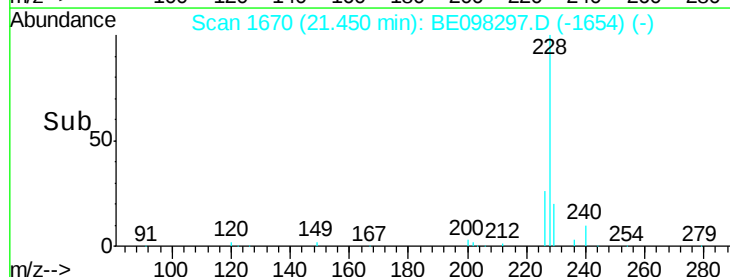
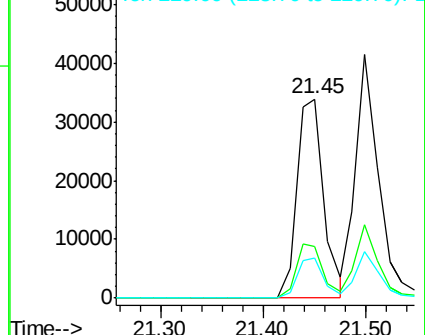
229 20.0 16.3 24.5



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: 1.566 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

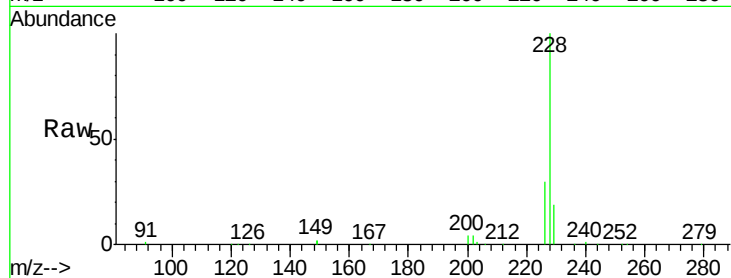
Tgt Ion:228 Resp: 63177

Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.0

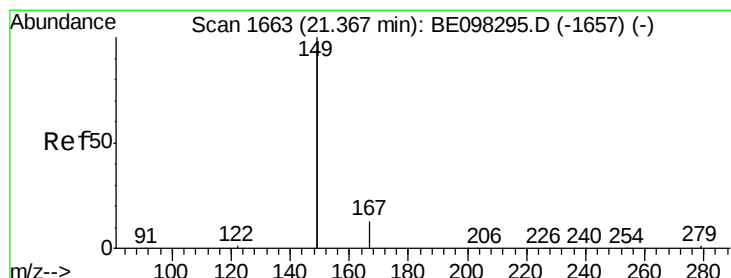
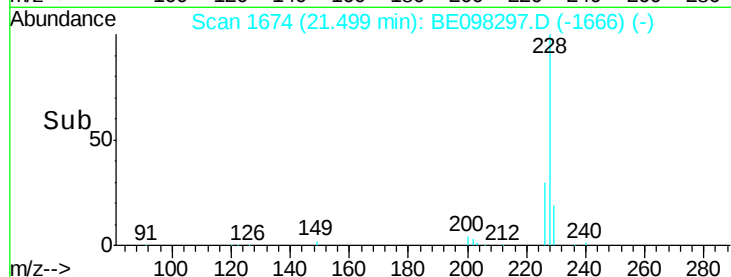
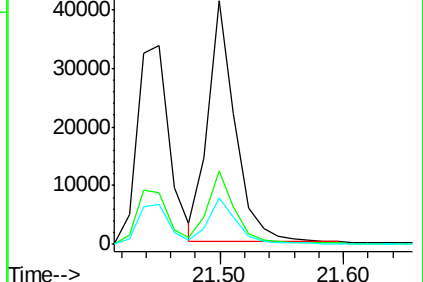
229 19.3 16.2 24.4



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: 1.309 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

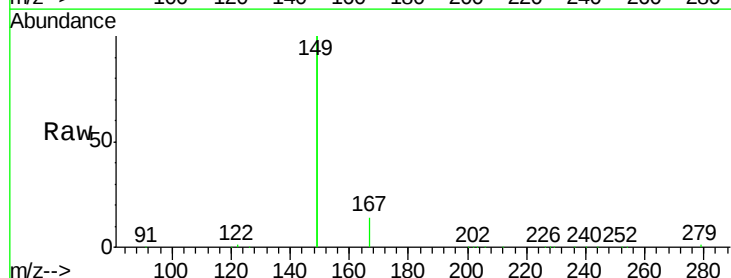
Tgt Ion:149 Resp: 124526

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

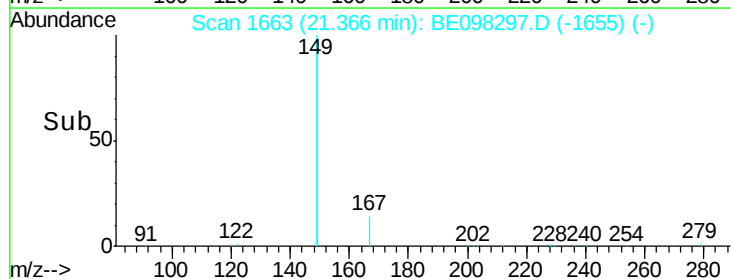
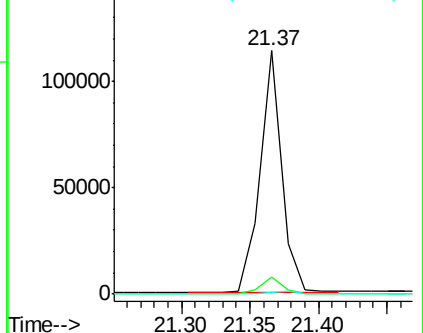
279 1.0 1.0 1.4



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

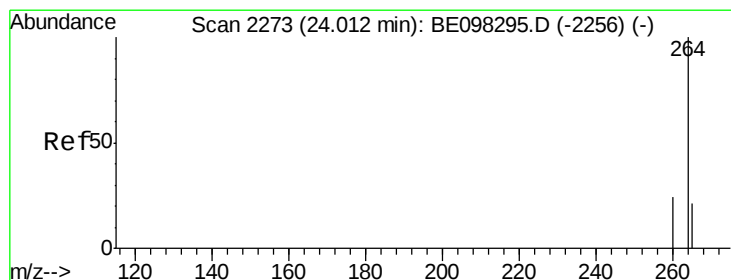
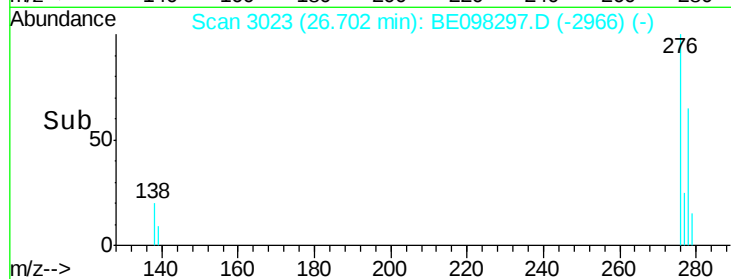
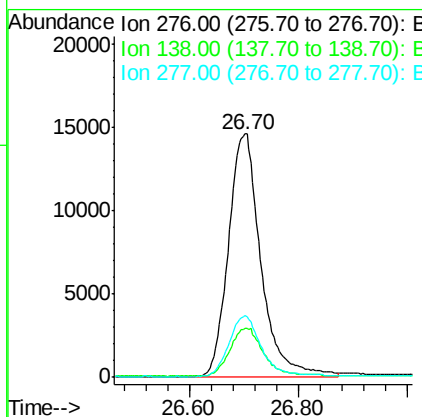
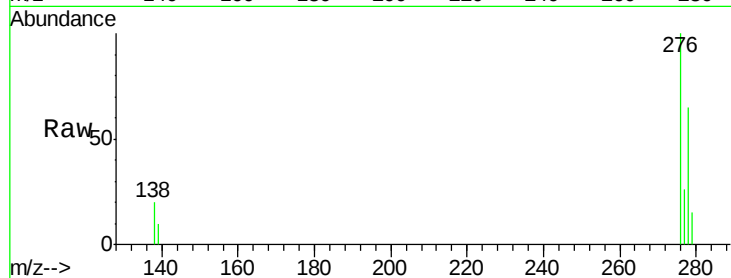




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.481 ng
 RT: 26.70 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: BE098297.D
 Acq: 10 Dec 2018 13:42

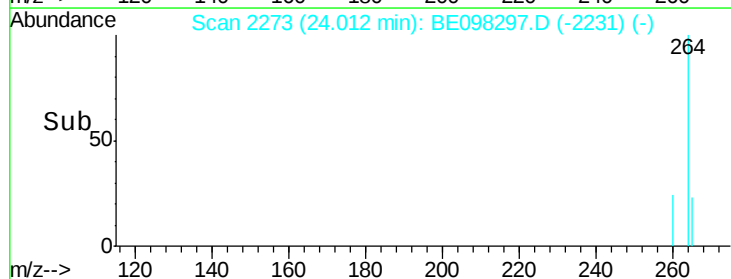
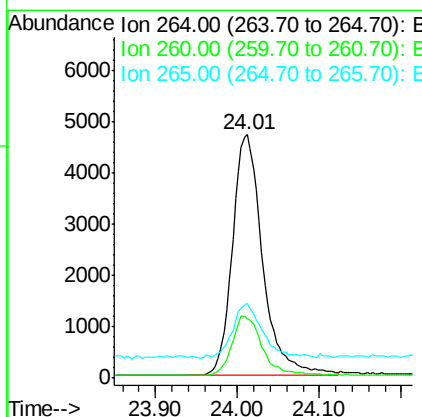
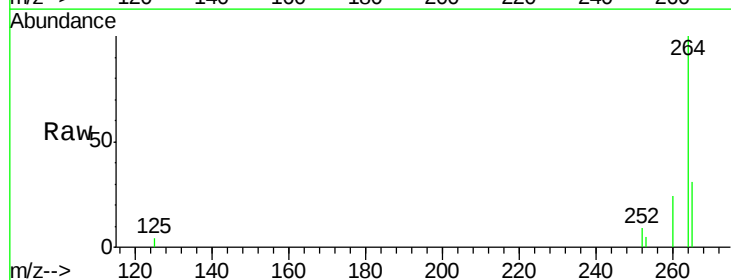
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

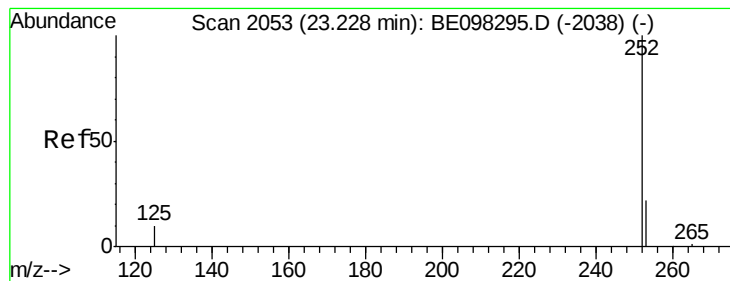
Tgt Ion:276 Resp: 60394
 Ion Ratio Lower Upper
 276 100
 138 20.5 16.3 24.5
 277 24.9 20.2 30.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BE098297.D
 Acq: 10 Dec 2018 13:42

Tgt Ion:264 Resp: 11986
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.2 30.2
 265 30.6 25.2 37.8





#35

Benzo(b)fluoranthene

Concen: 1.450 ng

RT: 23.22 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

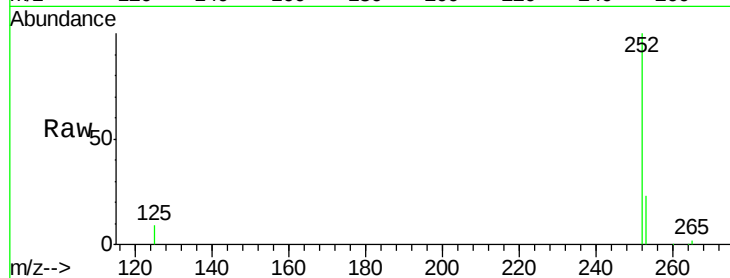
Tgt Ion:252 Resp: 50961

Ion Ratio Lower Upper

252 100

253 22.8 20.0 30.0

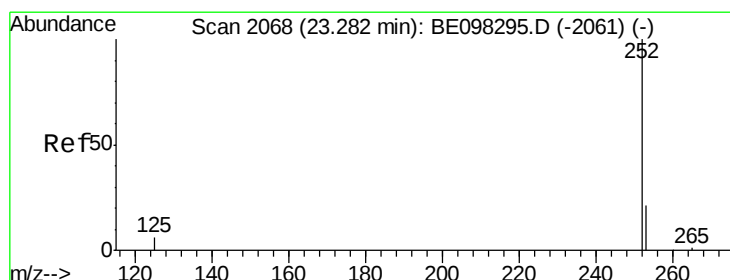
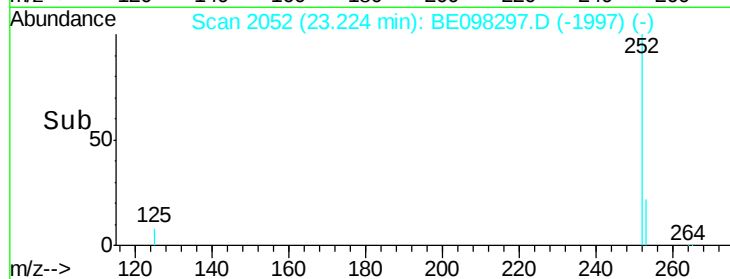
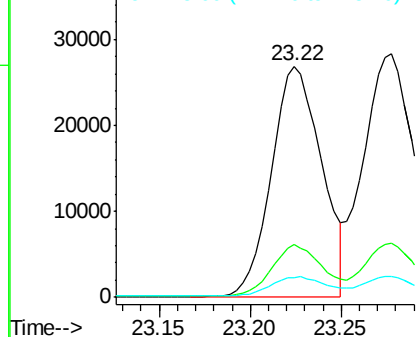
125 8.8 9.6 14.4#



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



#36

Benzo(k)fluoranthene

Concen: 1.620 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

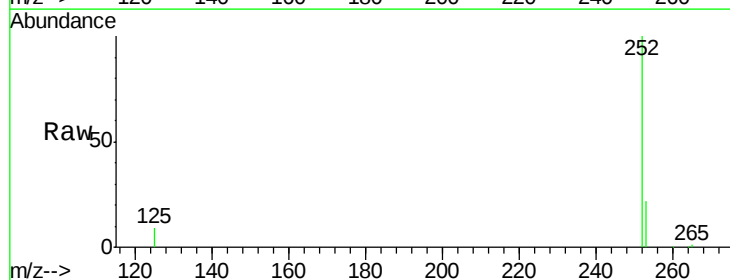
Tgt Ion:252 Resp: 59768

Ion Ratio Lower Upper

252 100

253 22.2 19.0 28.6

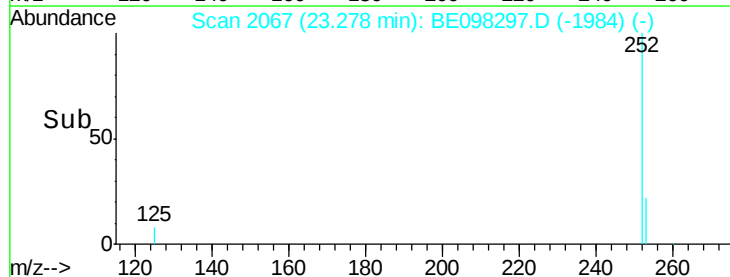
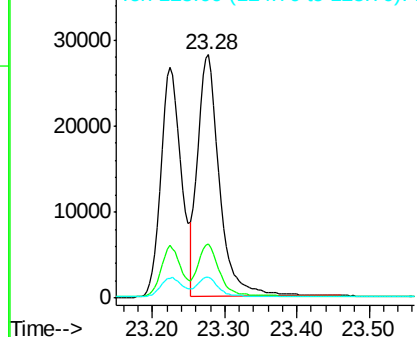
125 8.8 9.1 13.7#



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





#37

Benzo(a)pyrene

Concen: 1.556 ng

RT: 23.89 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

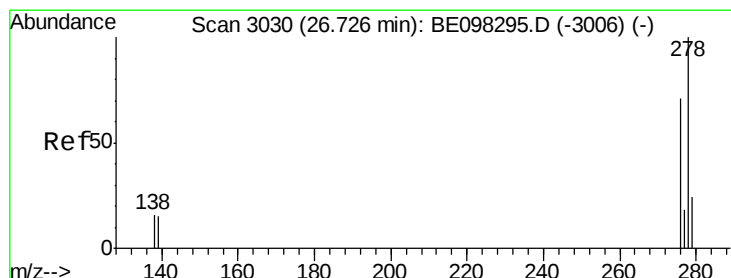
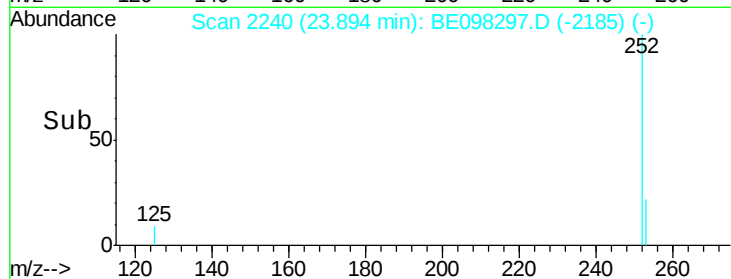
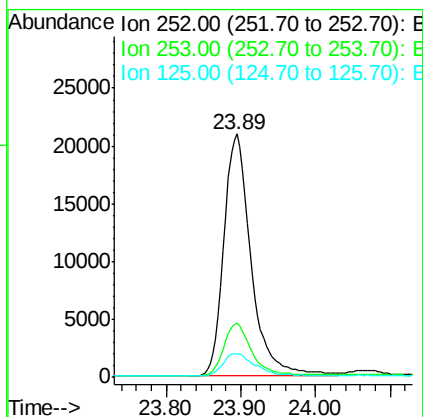
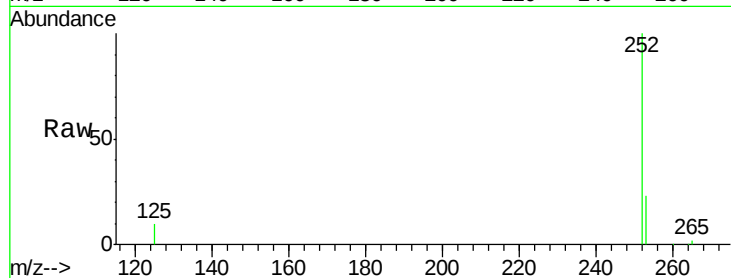
Tgt Ion:252 Resp: 52672

Ion Ratio Lower Upper

252 100

253 22.5 20.6 30.8

125 9.7 10.5 15.7#



#38

Dibenzo(a,h)anthracene

Concen: 1.574 ng

RT: 26.72 min Scan# 3027

Delta R.T. -0.01 min

Lab File: BE098297.D

Acq: 10 Dec 2018 13:42

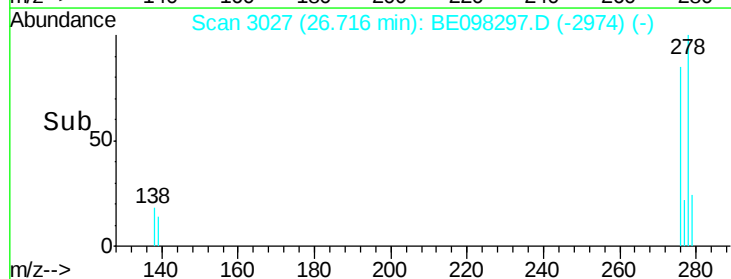
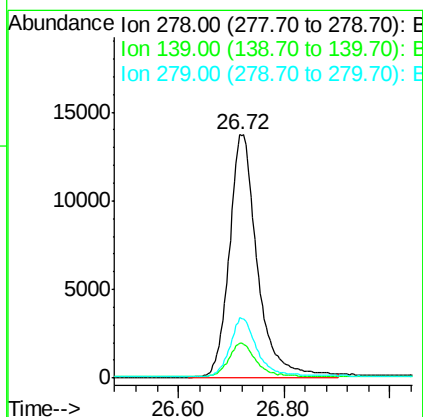
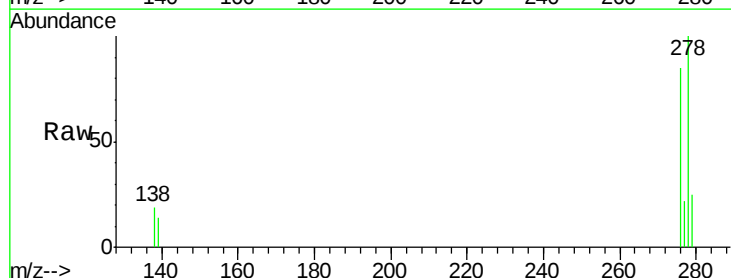
Tgt Ion:278 Resp: 50528

Ion Ratio Lower Upper

278 100

139 14.3 14.5 21.7#

279 24.8 21.8 32.8





#39

Benzo(g,h,i)perylene

Concen: 1.591 ng

RT: 27.52 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BE098297.D

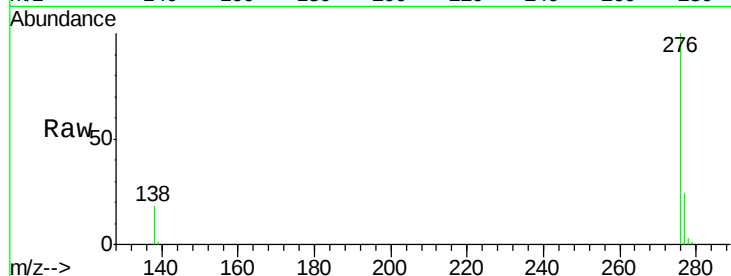
Acq: 10 Dec 2018 13:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6



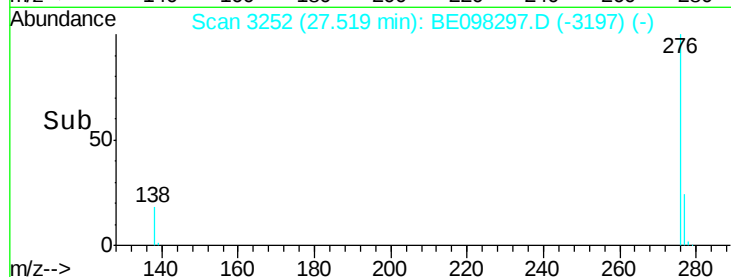
Tgt Ion: 276 Resp: 51178

Ion Ratio Lower Upper

276 100

277 24.2 20.8 31.2

138 18.2 15.8 23.6



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

