

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122018\
 Data File : BE098545.D
 Acq On : 20 Dec 2018 18:50
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 21 05:03:45 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 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	934	0.40	ng	-0.01
7) Naphthalene-d8	10.64	136	4515	0.40	ng	-0.03
13) Acenaphthene-d10	14.51	164	3389	0.40	ng	-0.01
19) Phenanthrene-d10	17.26	188	10460	0.40	ng	-0.02
27) Chrysene-d12	21.45	240	15215	0.40	ng	-0.01
34) Perylene-d12	23.98	264	12920	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	862	0.39	ng	0.00
5) Phenol-d6	7.03	99	1470	0.47	ng	-0.01
8) Nitrobenzene-d5	9.02	82	1531	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	3122	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	615	0.49	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	5166	0.36	ng	-0.01
25) Fluoranthene-d10	19.29	212	61555	0.46	ng	-0.02
29) Terphenyl-d14	19.89	244	13066	0.35	ng	-0.02

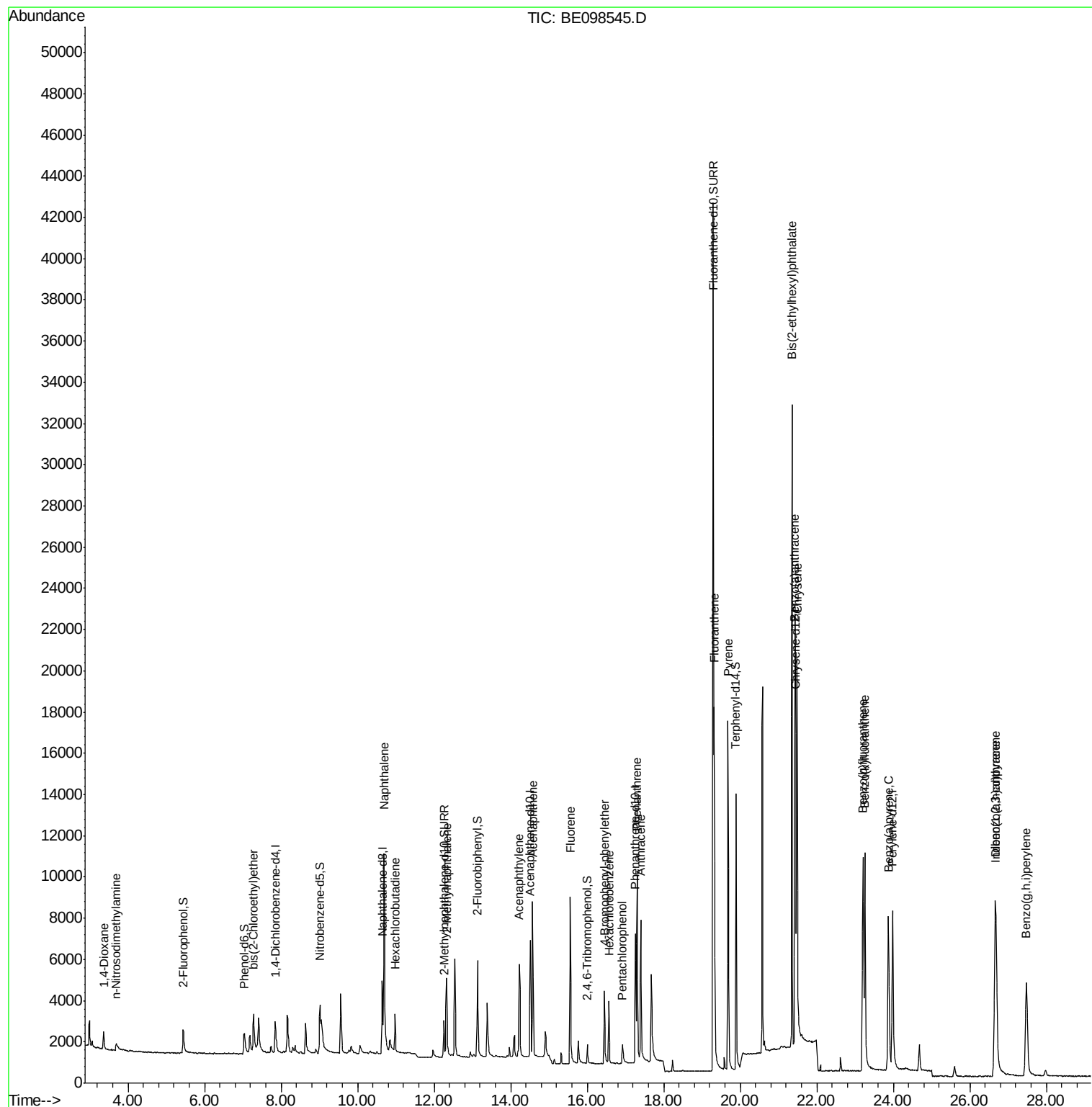
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	627	0.388	ng	95
3) n-Nitrosodimethylamine	3.69	42	461	0.317	ng	# 100
6) bis(2-Chloroethyl)ether	7.28	93	1028	0.349	ng	97
9) Naphthalene	10.69	128	18213	0.401	ng	99
10) Hexachlorobutadiene	10.98	225	1223	0.423	ng	99
12) 2-Methylnaphthalene	12.32	142	3026	0.410	ng	97
16) Acenaphthylene	14.23	152	5918	0.373	ng	99
17) Acenaphthene	14.57	154	3840	0.403	ng	99
18) Fluorene	15.55	166	5315	0.416	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	1991	0.354	ng	90
21) Hexachlorobenzene	16.57	284	2363	0.390	ng	96
22) Pentachlorophenol	16.92	266	685	0.647	ng	97
23) Phenanthrene	17.30	178	10239	0.403	ng	98
24) Anthracene	17.40	178	8440	0.372	ng	99
26) Fluoranthene	19.32	202	15293	0.455	ng	99
28) Pyrene	19.68	202	16389	0.343	ng	99
30) Benzo(a)anthracene	21.43	228	17327	0.400	ng	98
31) Chrysene	21.49	228	17162	0.378	ng	99
32) Bis(2-ethylhexyl)phthalate	21.35	149	34801	0.395	ng	100
33) Indeno(1,2,3-cd)pyrene	26.66	276	14773	0.327	ng	98
35) Benzo(b)fluoranthene	23.20	252	14759	0.418	ng	97
36) Benzo(k)fluoranthene	23.25	252	16977	0.412	ng	98
37) Benzo(a)pyrene	23.87	252	14360	0.394	ng	96
38) Dibenzo(a,h)anthracene	26.68	278	12209	0.356	ng	98
39) Benzo(g,h,i)perylene	27.48	276	12422	0.359	ng	96

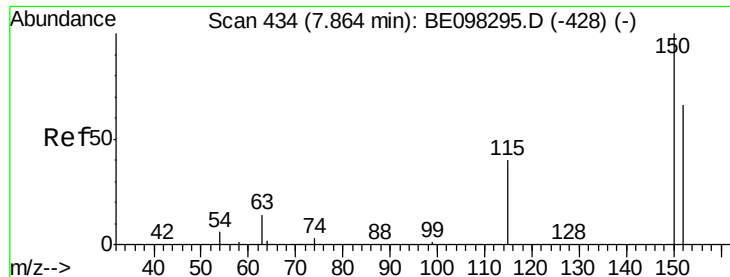
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. -0.01 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

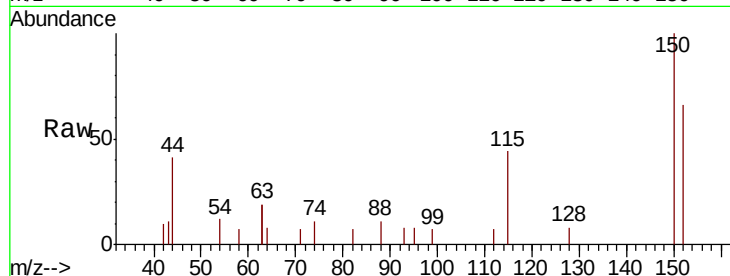
Tgt Ion:152 Resp: 934

Ion Ratio Lower Upper

152 100

150 150.7 124.2 186.4

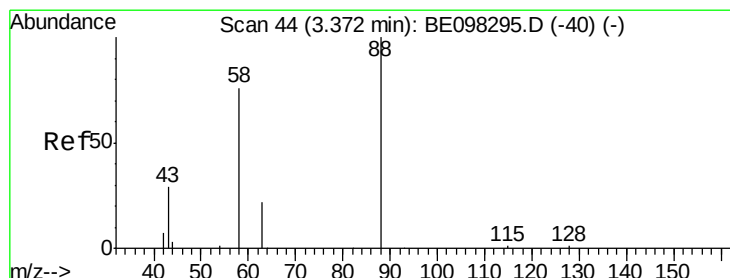
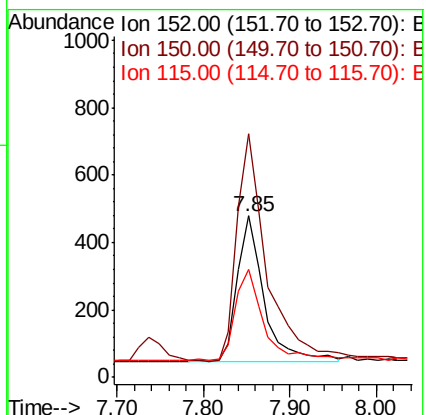
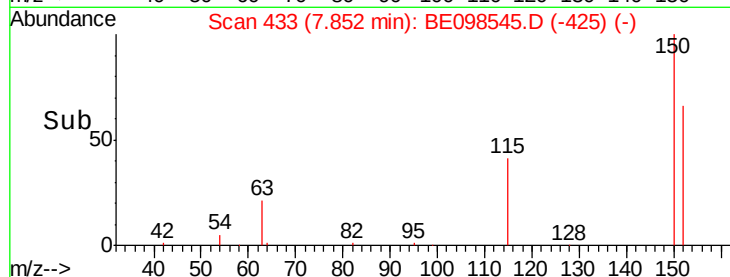
115 66.6 53.9 80.9



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: 0.388 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

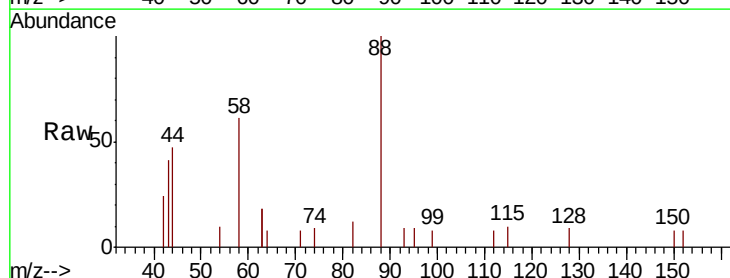
Tgt Ion: 88 Resp: 627

Ion Ratio Lower Upper

88 100

58 96.0 75.0 112.6

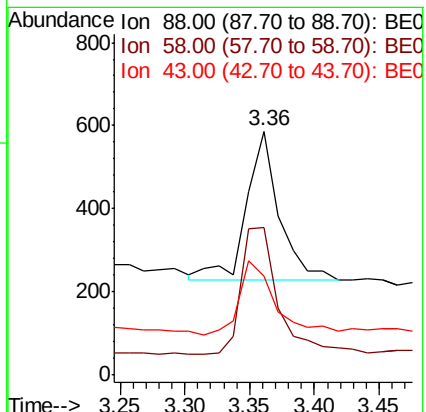
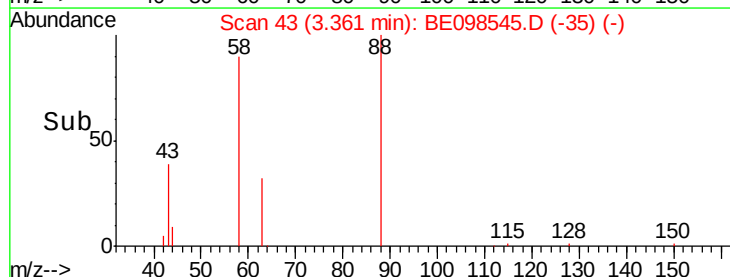
43 54.7 38.3 57.5

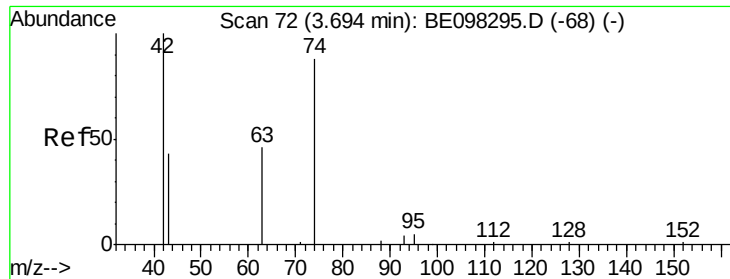


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.317 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

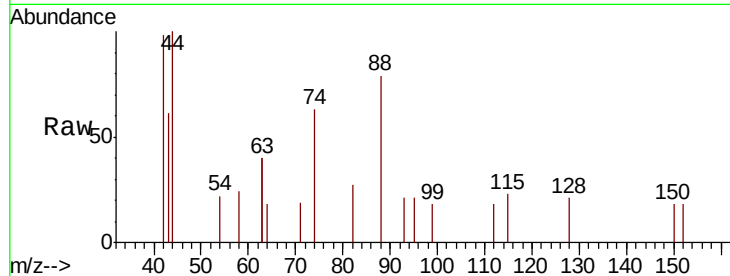
Tgt Ion: 42 Resp: 461

Ion Ratio Lower Upper

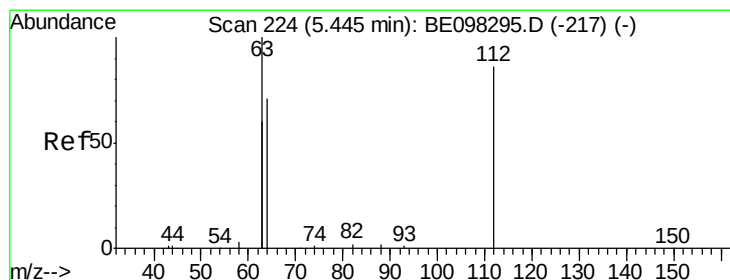
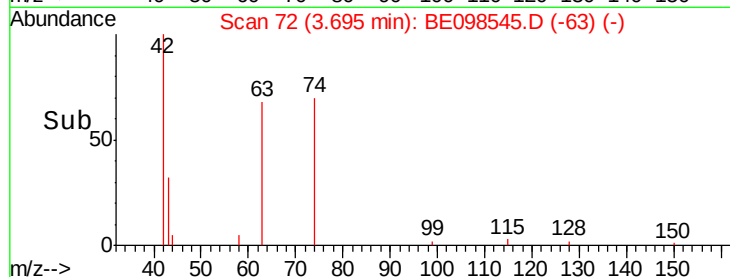
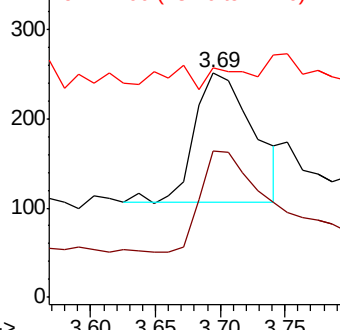
42 100

74 75.7 0.0 0.0#

44 12.1 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: 0.394 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

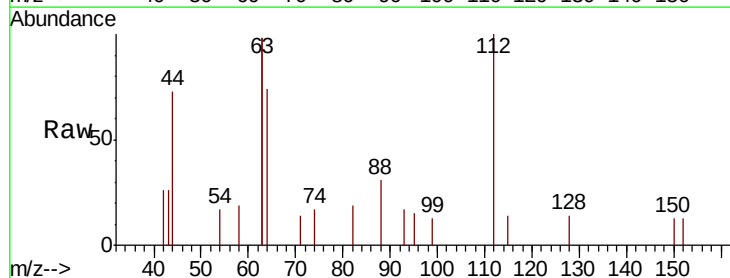
Tgt Ion: 112 Resp: 862

Ion Ratio Lower Upper

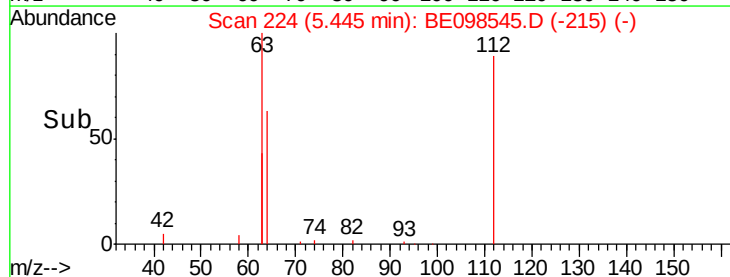
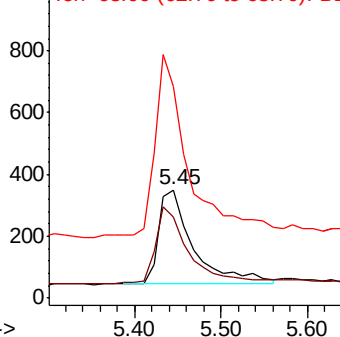
112 100

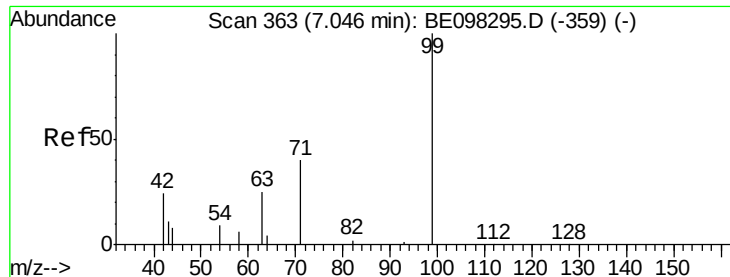
64 78.0 59.8 89.8

63 182.3 133.7 200.5



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: 0.475 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

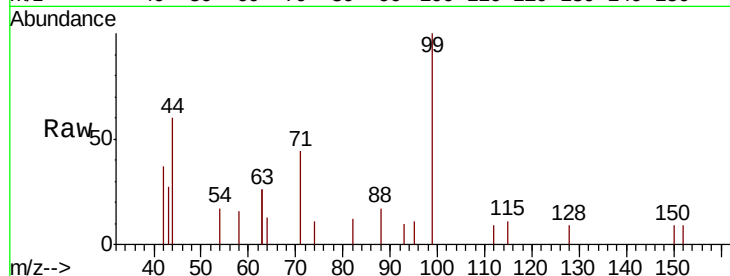
Tgt Ion: 99 Resp: 1470

Ion Ratio Lower Upper

99 100

42 33.9 26.3 39.5

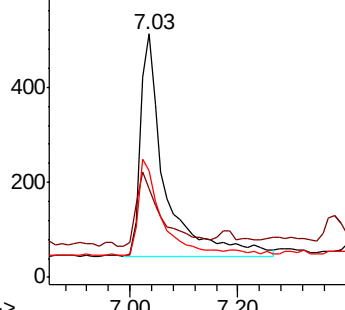
71 41.8 33.6 50.4



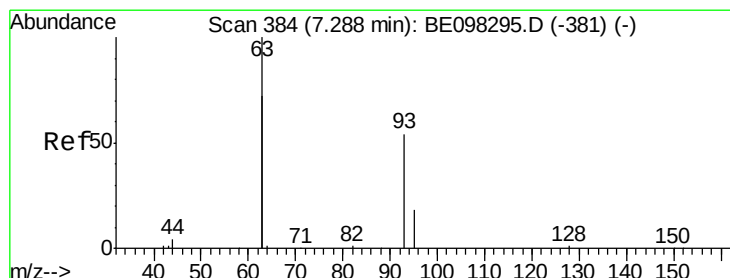
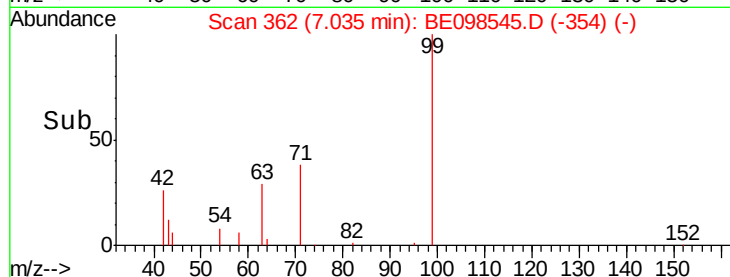
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.349 ng

RT: 7.28 min Scan# 383

Delta R.T. -0.01 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

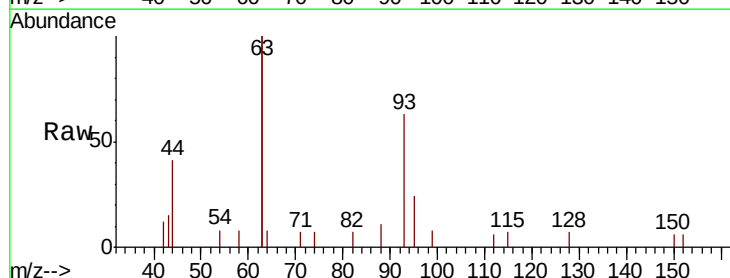
Tgt Ion: 93 Resp: 1028

Ion Ratio Lower Upper

93 100

63 335.9 264.4 396.6

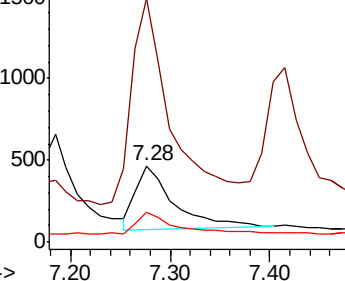
95 35.8 26.6 40.0



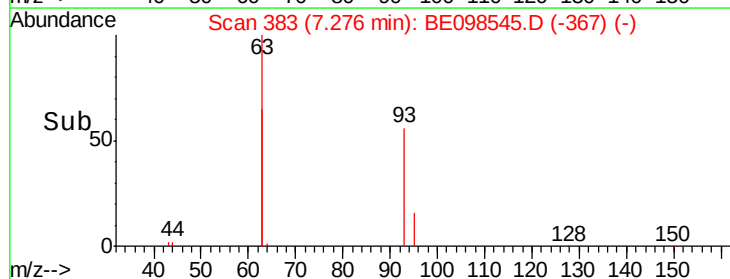
Abundance Ion 93.00 (92.70 to 93.70): BE0

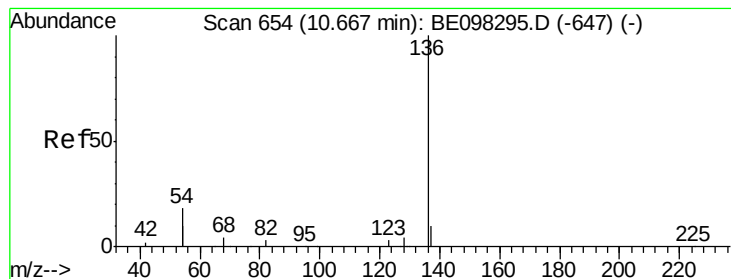
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.03 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 4515

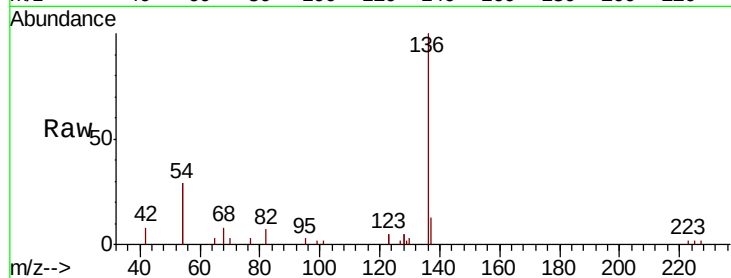
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 58.6 28.4 42.6#

68 8.4 5.4 8.0#

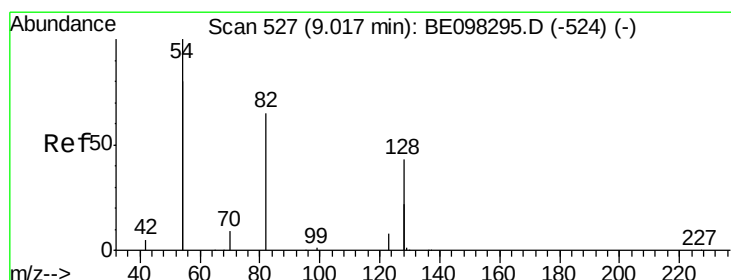
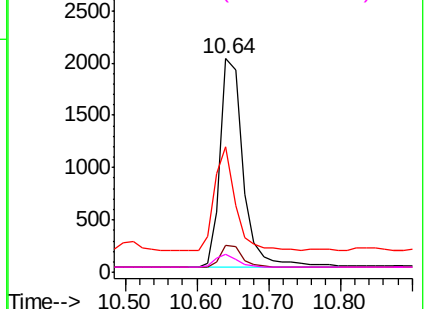
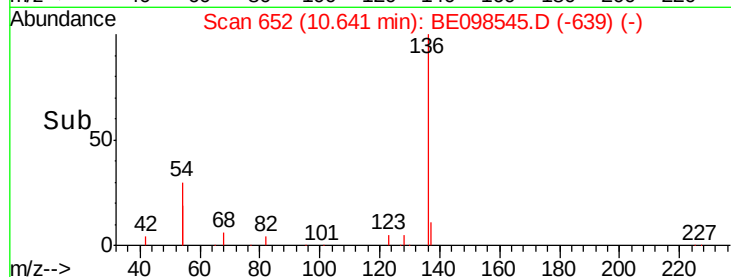


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.373 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

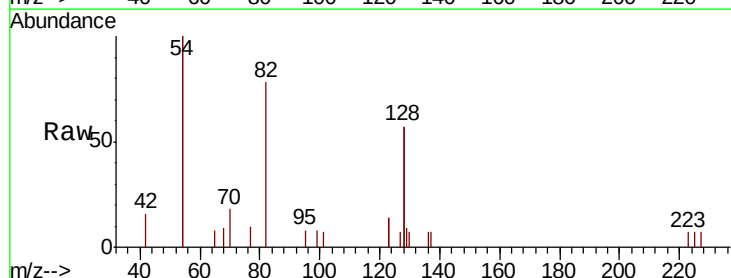
Tgt Ion: 82 Resp: 1531

Ion Ratio Lower Upper

82 100

128 145.4 102.4 153.6

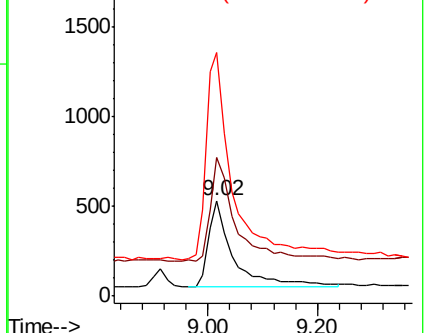
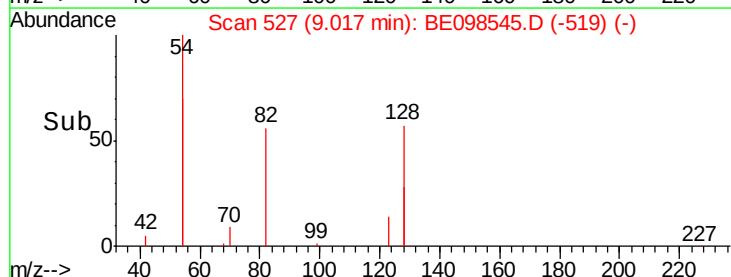
54 255.0 221.8 332.8

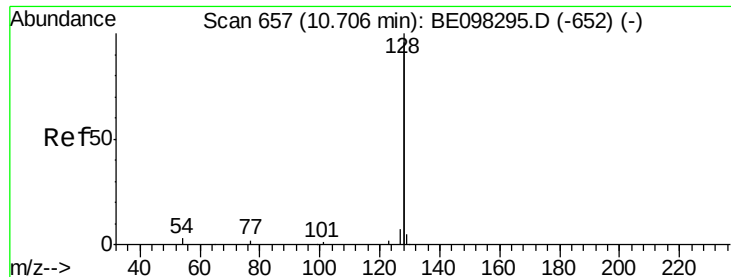


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.401 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

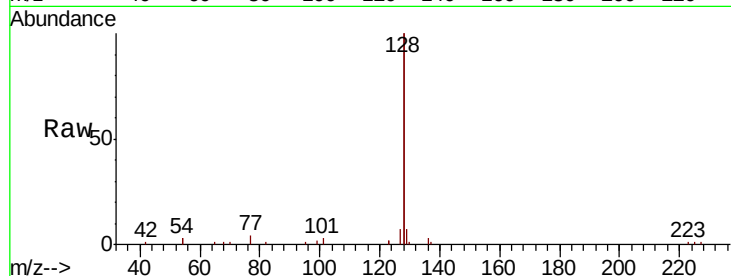
Tgt Ion:128 Resp: 18213

Ion Ratio Lower Upper

128 100

129 3.4 2.5 3.7

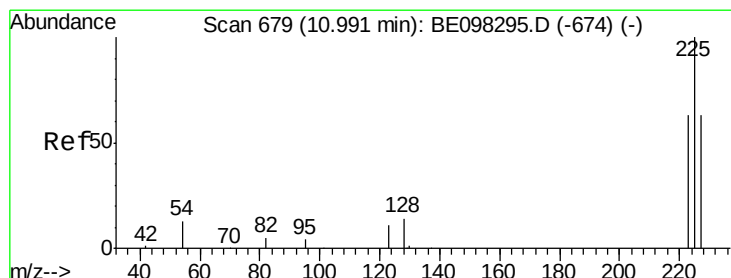
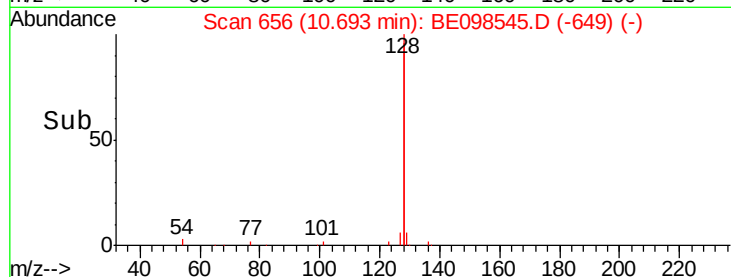
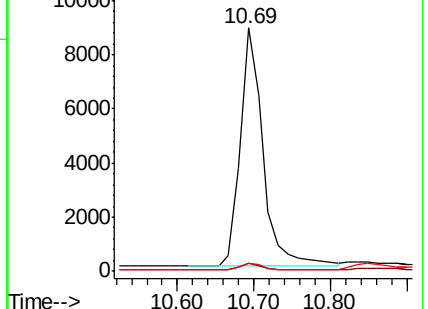
127 3.5 2.7 4.1



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: 0.423 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

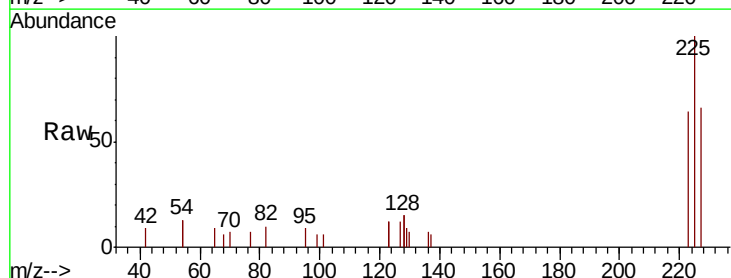
Tgt Ion:225 Resp: 1223

Ion Ratio Lower Upper

225 100

223 62.0 49.4 74.0

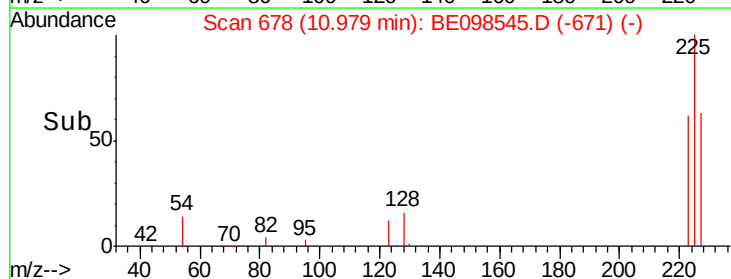
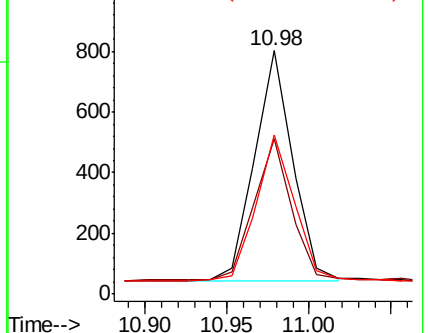
227 63.6 52.0 78.0

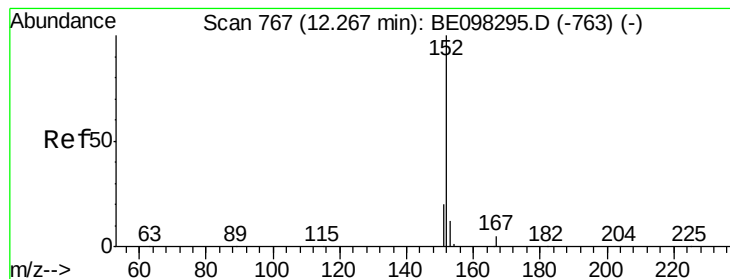


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.425 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

Instrument :

BNA_E

ClientSampleId :

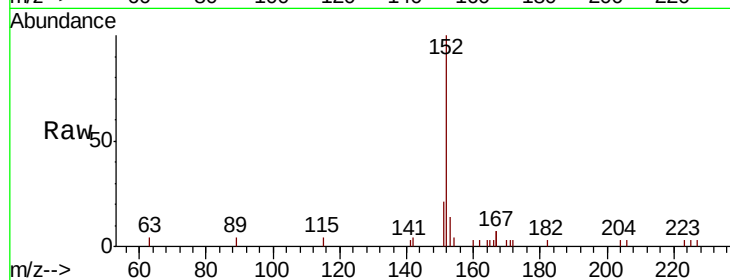
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3122

Ion Ratio Lower Upper

152 100

151 18.9 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.25

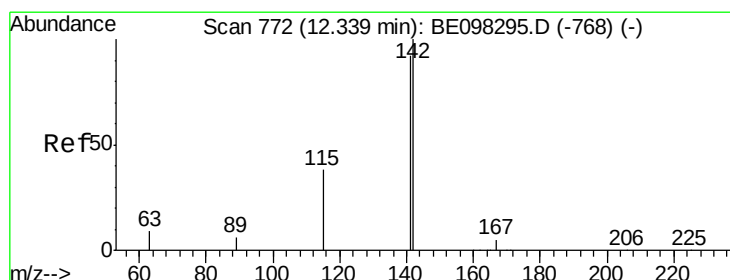
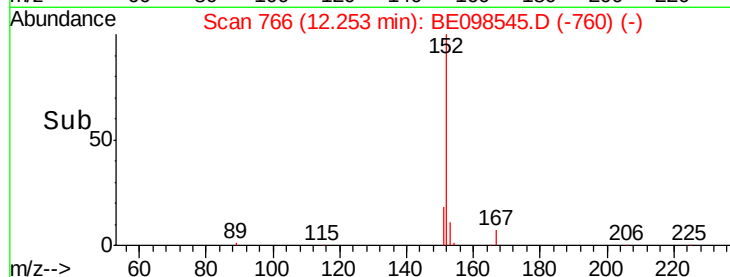
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.410 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.01 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

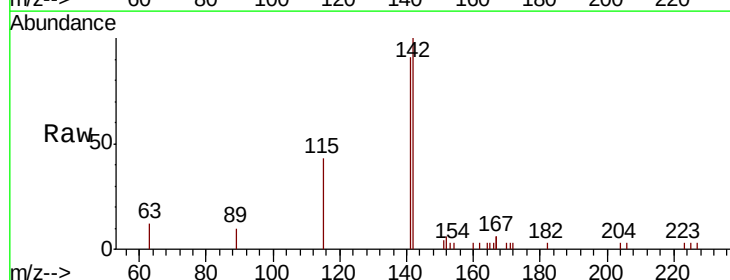
Tgt Ion:142 Resp: 3026

Ion Ratio Lower Upper

142 100

141 90.8 71.0 106.6

115 42.9 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

12.32

2000

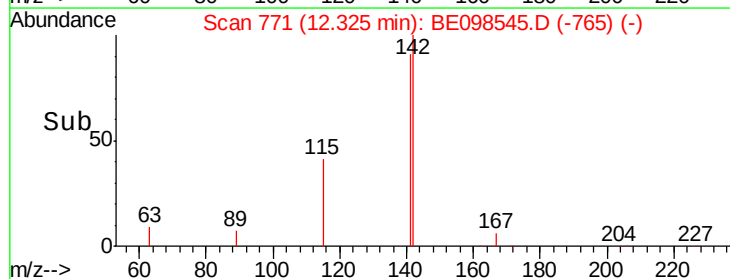
1500

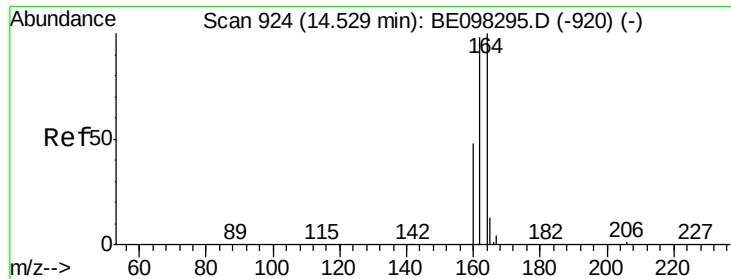
1000

500

0

Time-->

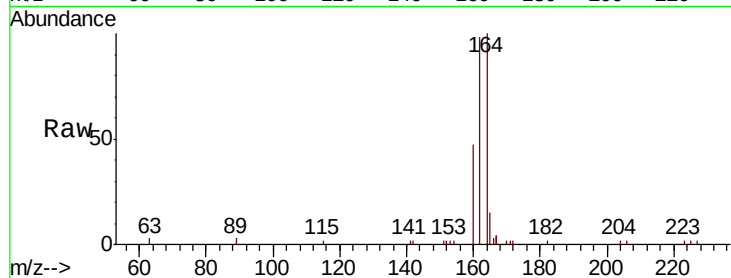




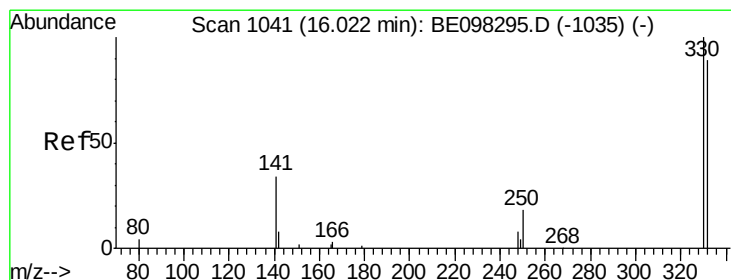
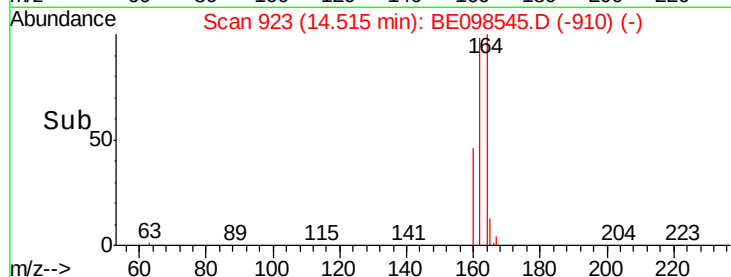
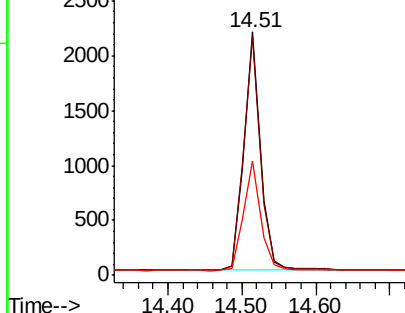
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098545.D
 Acq: 20 Dec 2018 18:50

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:164 Resp: 3389
 Ion Ratio Lower Upper
 164 100
 162 98.1 77.6 116.4
 160 47.0 36.0 54.0

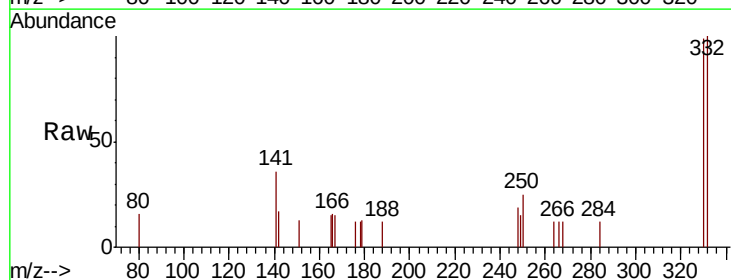


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

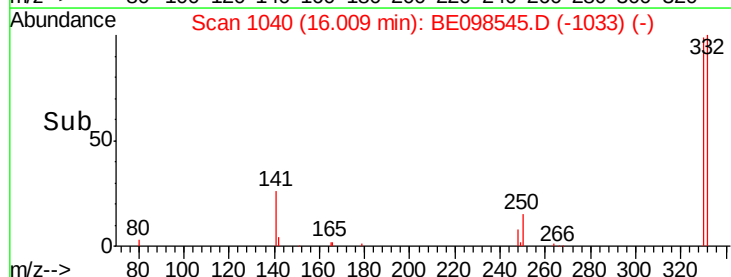
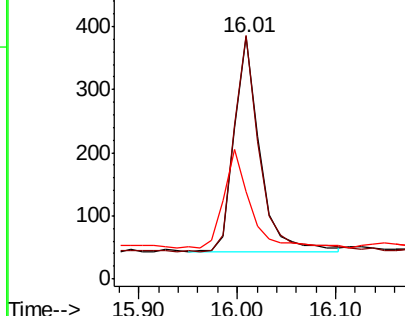


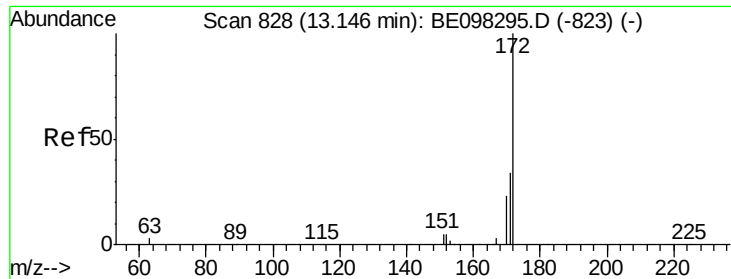
#14
 2,4,6-Tribromophenol
 Concen: 0.494 ng
 RT: 16.01 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BE098545.D
 Acq: 20 Dec 2018 18:50

Tgt Ion:330 Resp: 615
 Ion Ratio Lower Upper
 330 100
 332 102.3 76.2 114.4
 141 47.8 39.0 58.4



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

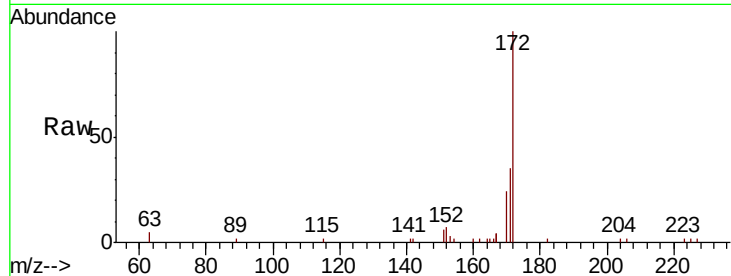




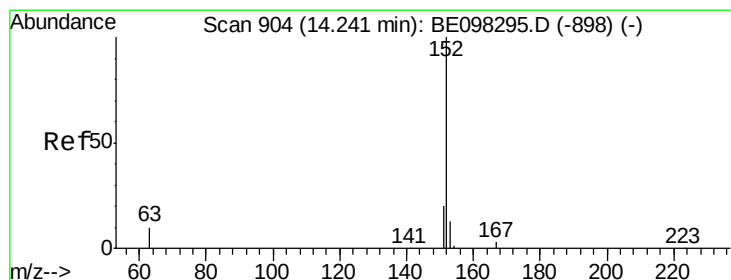
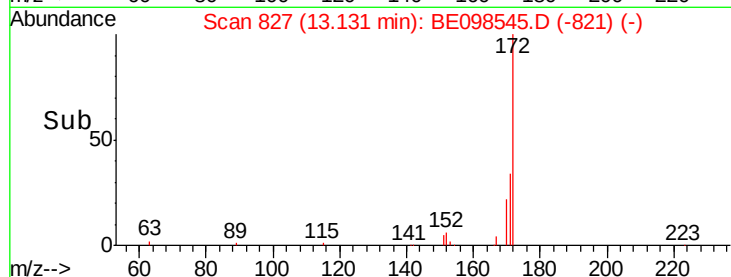
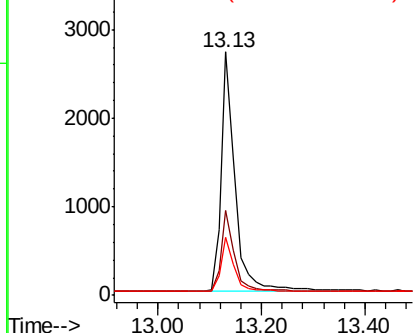
#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 5166
Ion Ratio Lower Upper
172 100
171 35.1 27.5 41.3
170 23.6 19.6 29.4

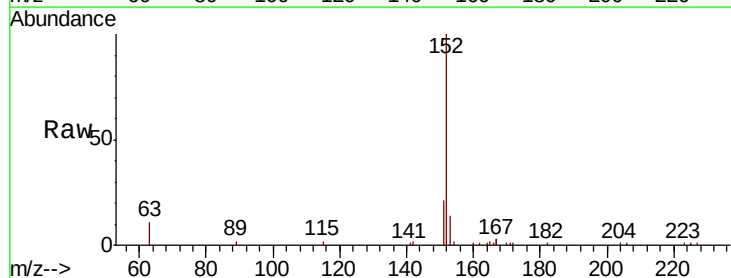


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

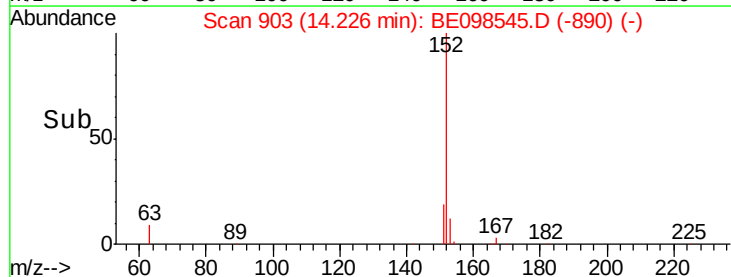
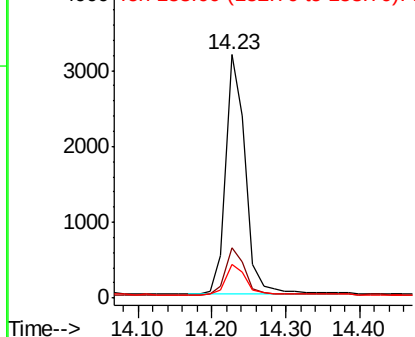


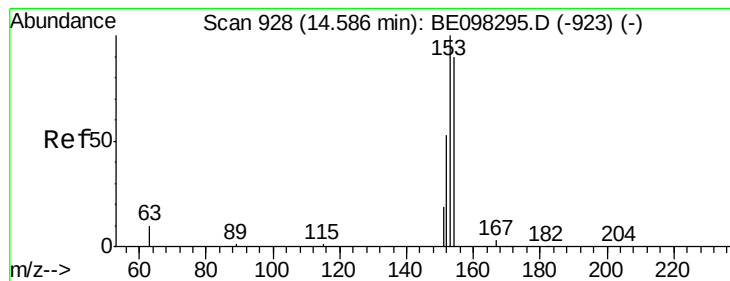
#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion:152 Resp: 5918
Ion Ratio Lower Upper
152 100
151 19.2 15.5 23.3
153 12.9 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: 0.403 ng

RT: 14.57 min Scan# 927

Delta R.T. -0.01 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

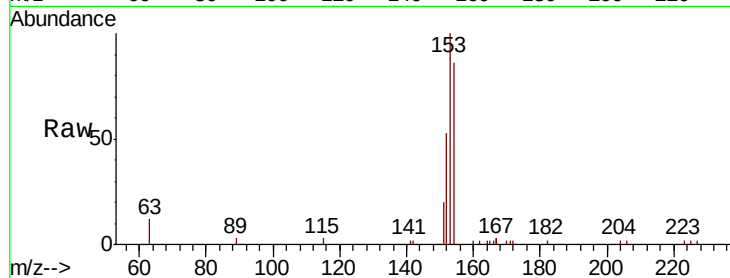
Tgt Ion:154 Resp: 3840

Ion Ratio Lower Upper

154 100

153 113.7 91.8 137.6

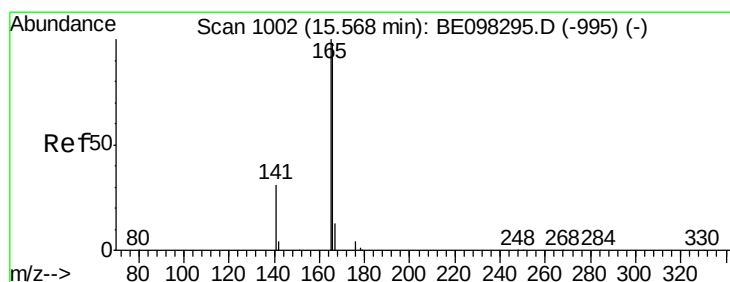
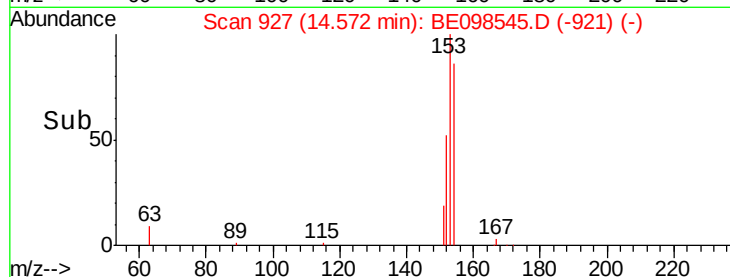
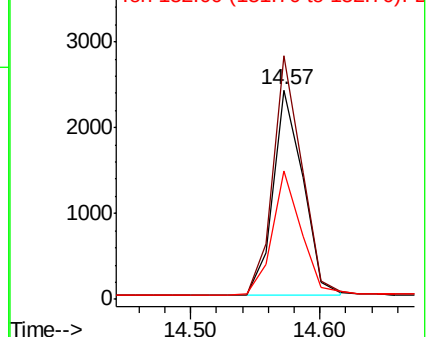
152 58.8 45.5 68.3



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: 0.416 ng

RT: 15.55 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

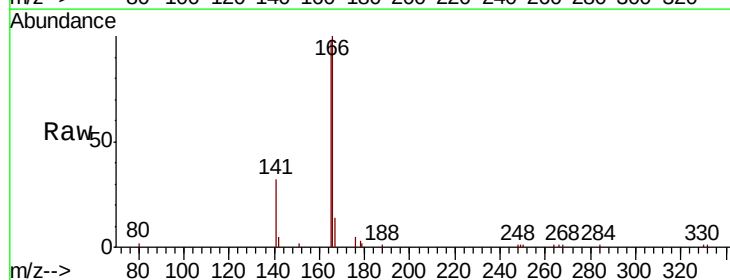
Tgt Ion:166 Resp: 5315

Ion Ratio Lower Upper

166 100

165 100.1 79.3 118.9

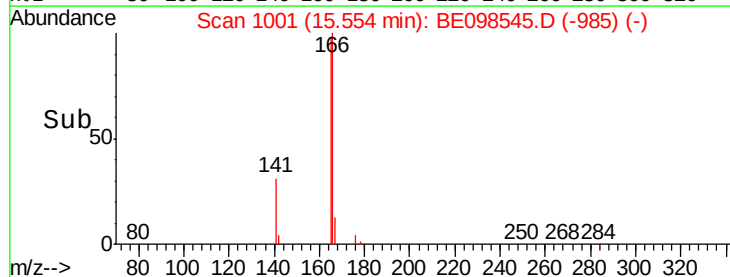
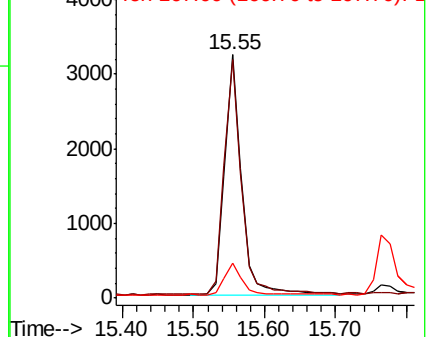
167 14.0 11.3 16.9

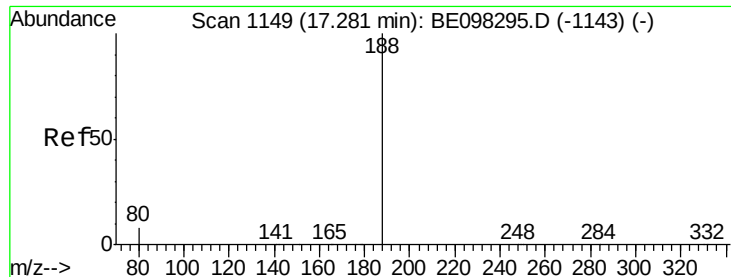


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.26 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

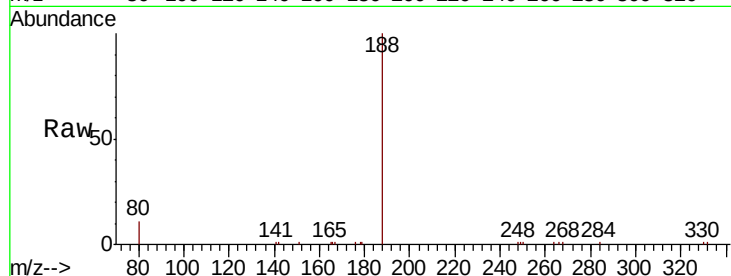
Tgt Ion:188 Resp: 10460

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

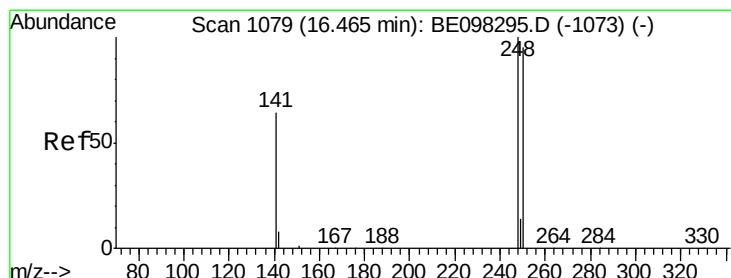
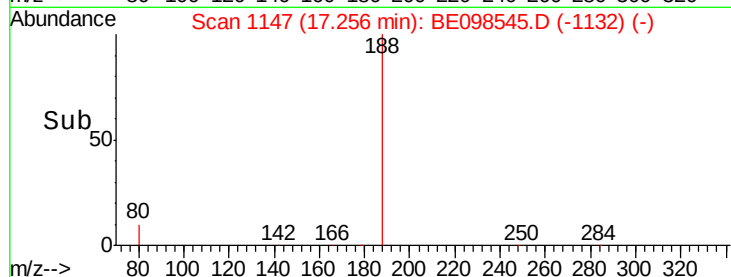
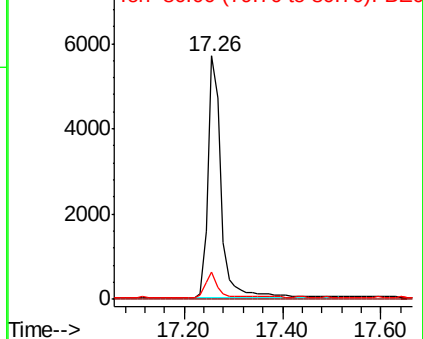
80 11.1 7.2 10.8#



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: 0.354 ng

RT: 16.45 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

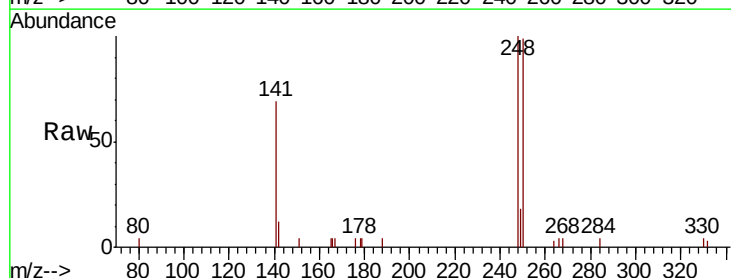
Tgt Ion:248 Resp: 1991

Ion Ratio Lower Upper

248 100

250 98.6 71.0 106.6

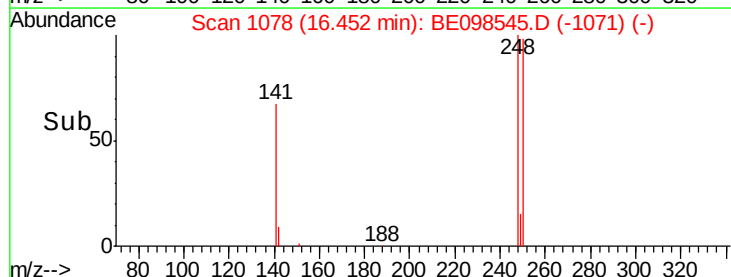
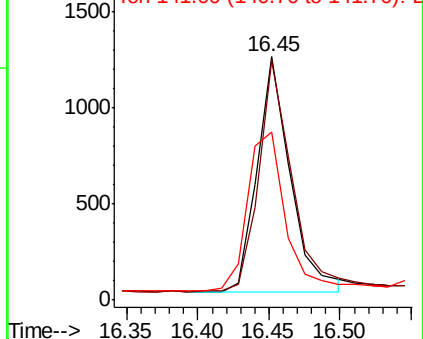
141 68.8 62.1 93.1

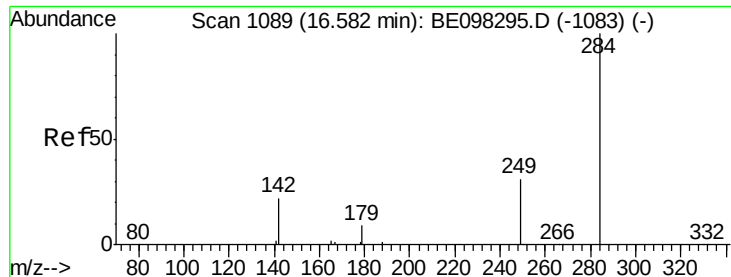


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.390 ng

RT: 16.57 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

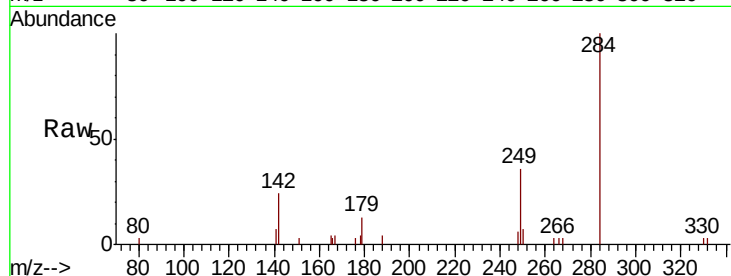
Tgt Ion:284 Resp: 2363

Ion Ratio Lower Upper

284 100

142 35.3 26.3 39.5

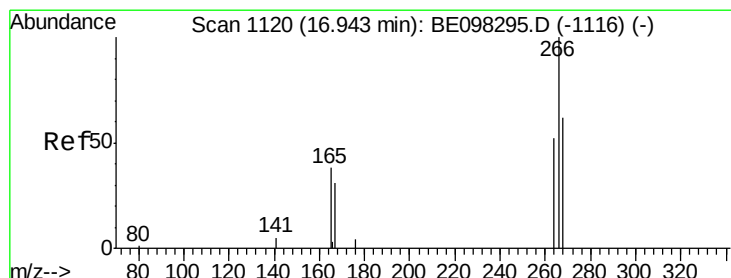
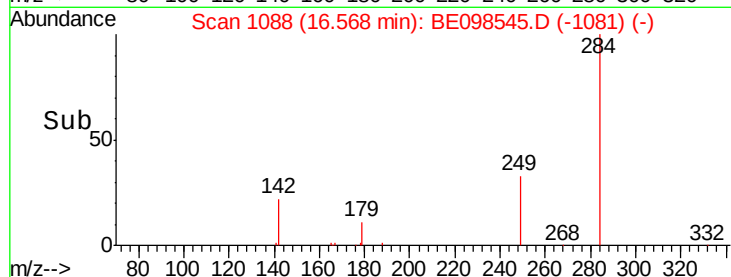
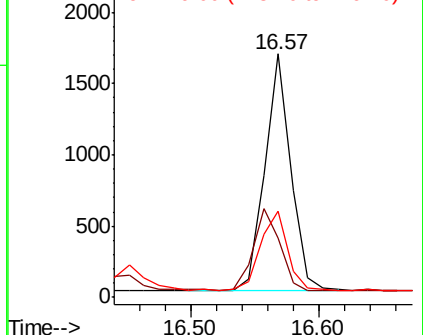
249 34.3 26.0 39.0



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: 0.647 ng

RT: 16.92 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

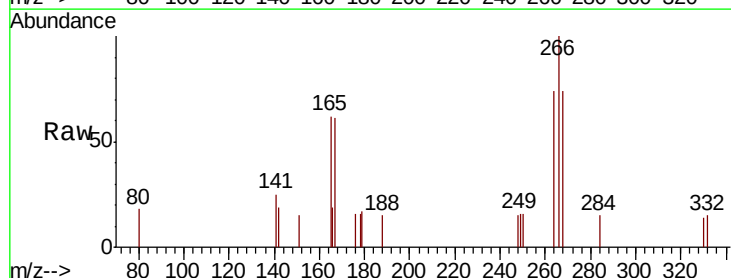
Tgt Ion:266 Resp: 685

Ion Ratio Lower Upper

266 100

264 73.7 59.0 88.4

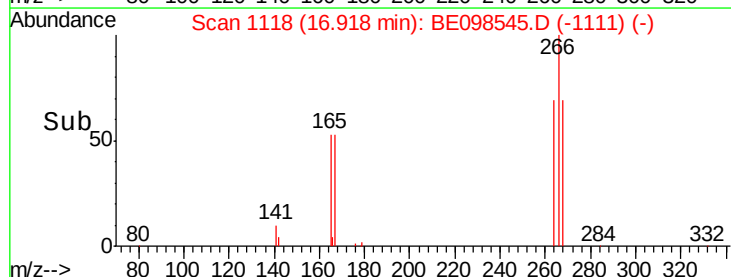
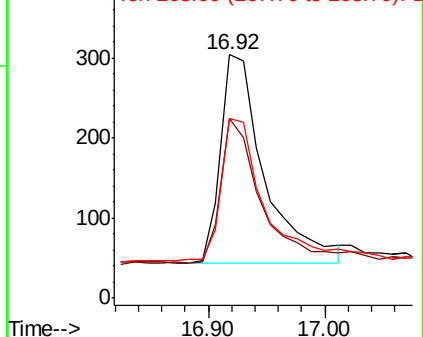
268 73.7 55.1 82.7

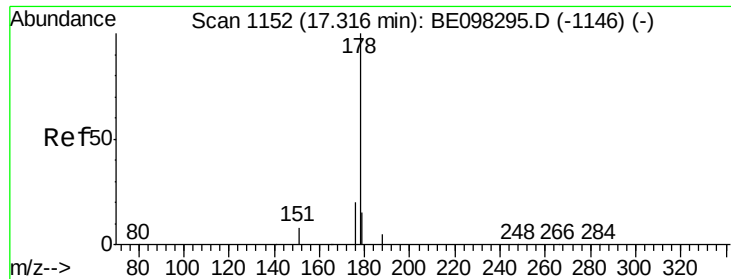


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.403 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

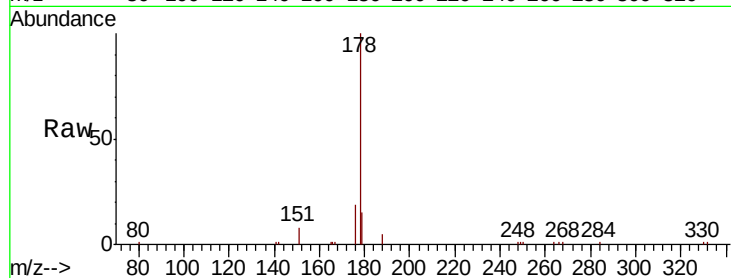
Tgt Ion:178 Resp: 10239

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

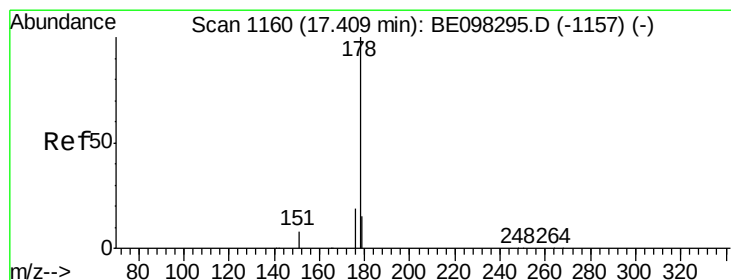
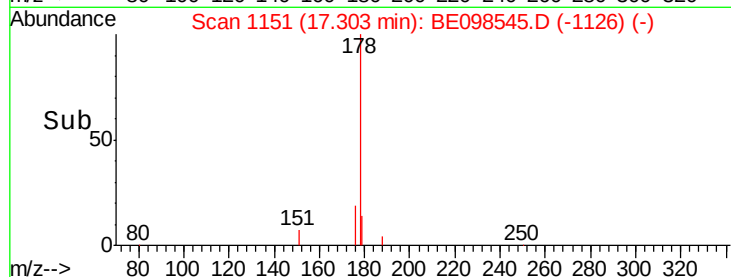
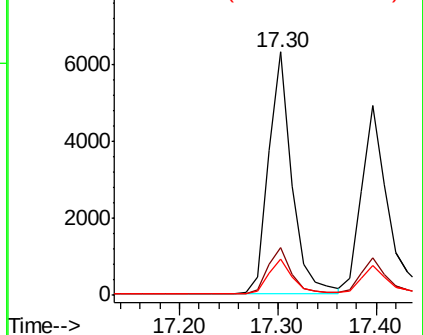
179 14.6 12.3 18.5



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: 0.372 ng

RT: 17.40 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

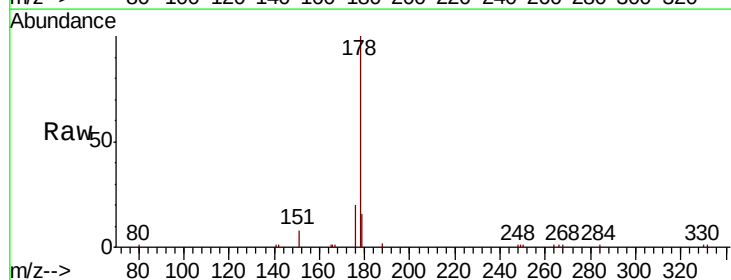
Tgt Ion:178 Resp: 8440

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

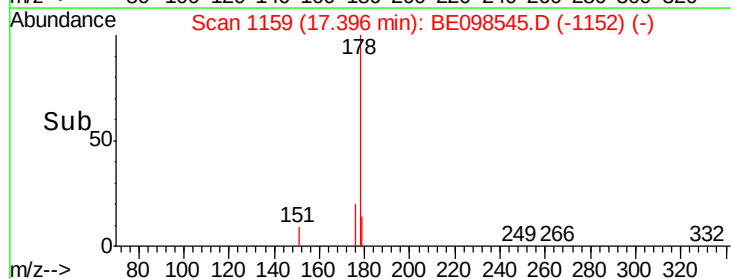
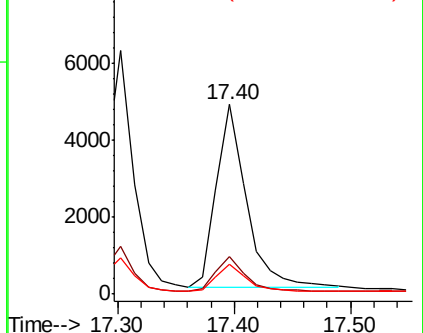
179 15.0 12.3 18.5

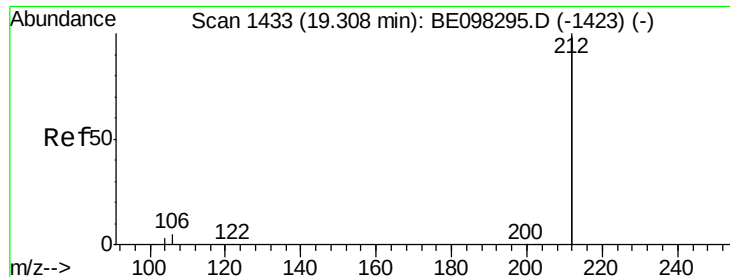


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.459 ng

RT: 19.29 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

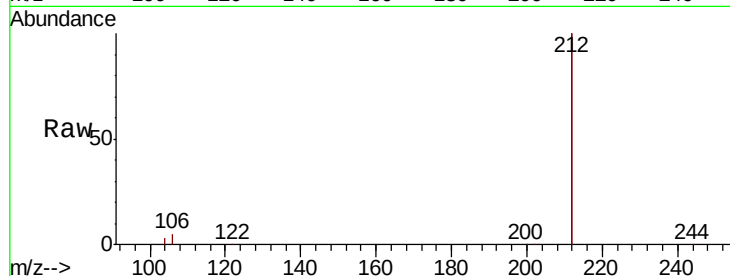
Tgt Ion:212 Resp: 61555

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

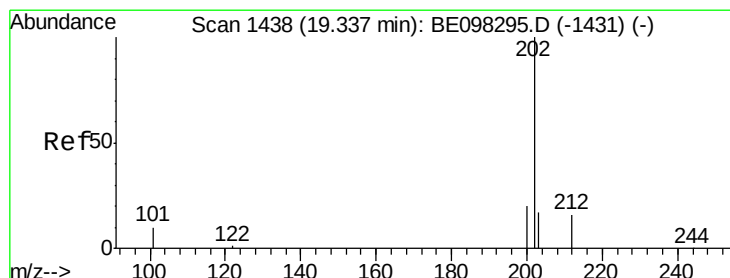
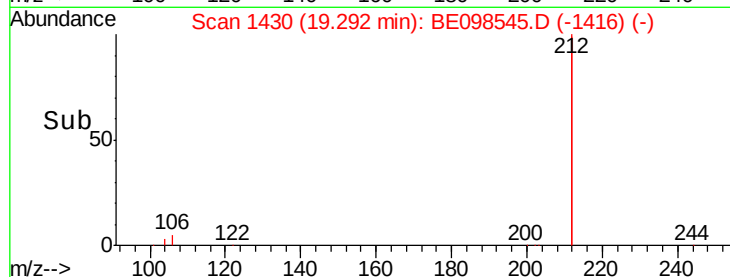
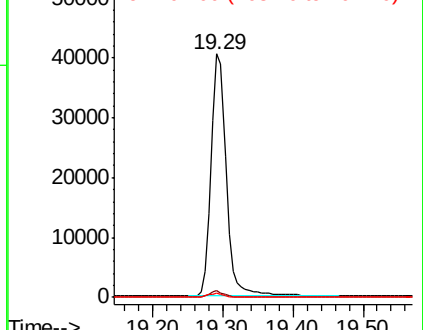
104 1.4 1.3 1.9



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: 0.455 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

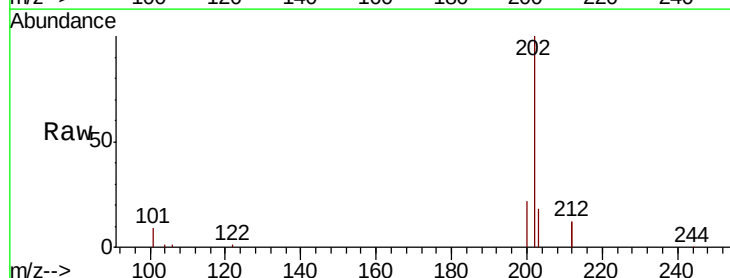
Tgt Ion:202 Resp: 15293

Ion Ratio Lower Upper

202 100

101 8.8 8.0 12.0

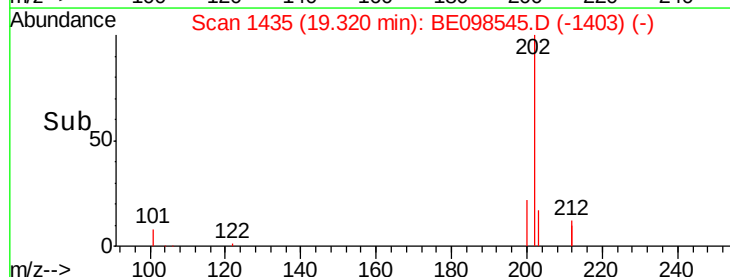
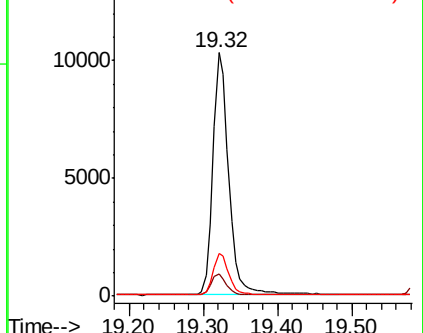
203 17.0 13.8 20.6

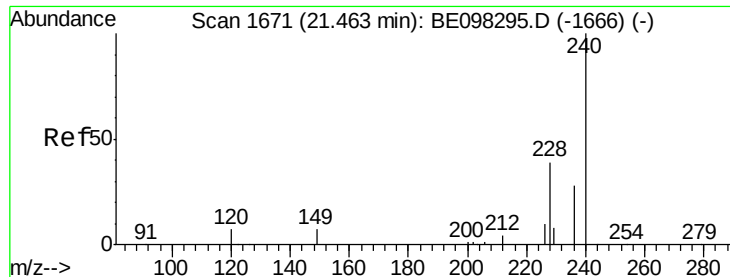


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

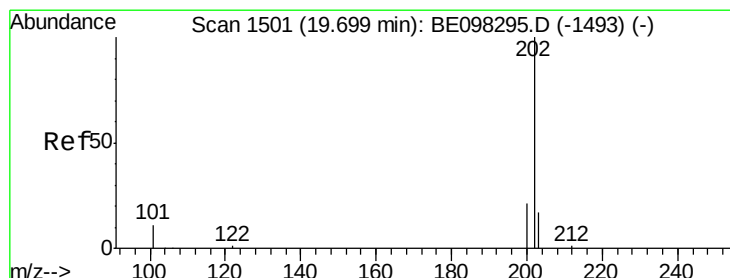
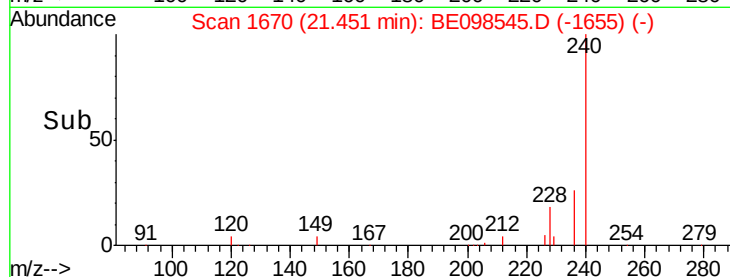
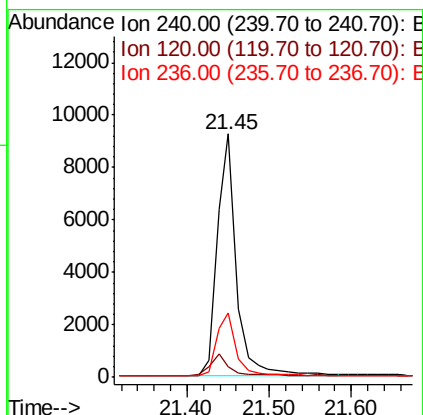
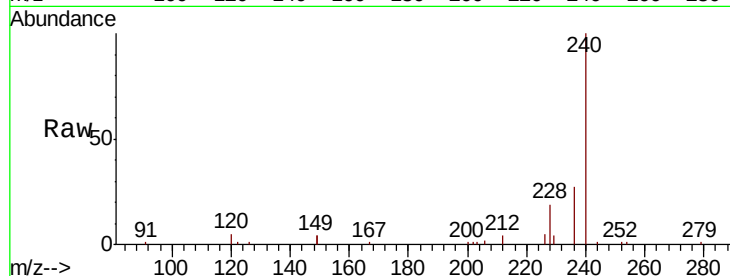




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.45 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BE098545.D
 Acq: 20 Dec 2018 18:50

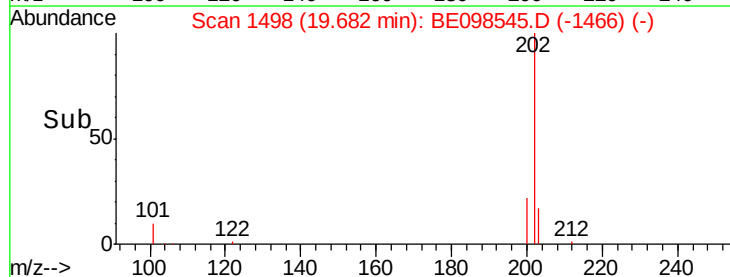
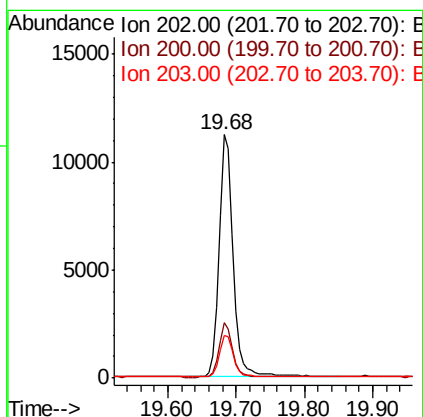
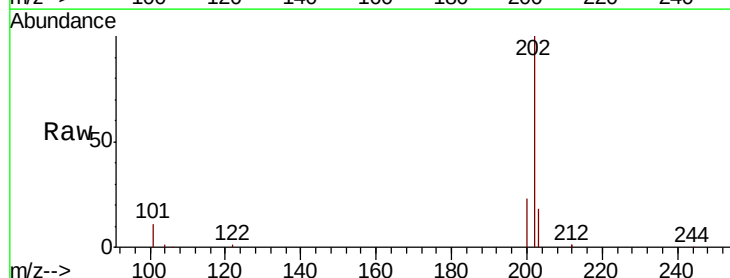
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

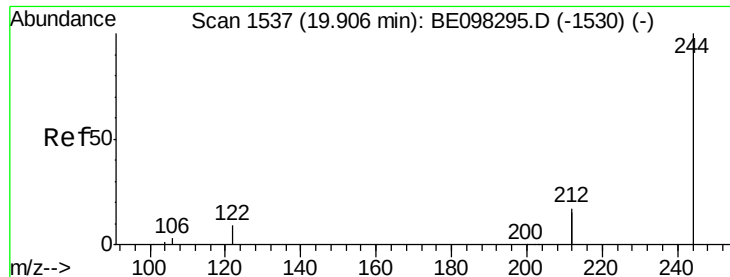
Tgt Ion: 240 Resp: 15215
 Ion Ratio Lower Upper
 240 100
 120 4.6 9.5 14.3#
 236 26.7 22.7 34.1



#28
 Pyrene
 Concen: 0.343 ng
 RT: 19.68 min Scan# 1498
 Delta R.T. -0.02 min
 Lab File: BE098545.D
 Acq: 20 Dec 2018 18:50

Tgt Ion: 202 Resp: 16389
 Ion Ratio Lower Upper
 202 100
 200 21.7 16.7 25.1
 203 17.4 14.1 21.1





#29

Terphenyl-d14

Concen: 0.353 ng

RT: 19.89 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

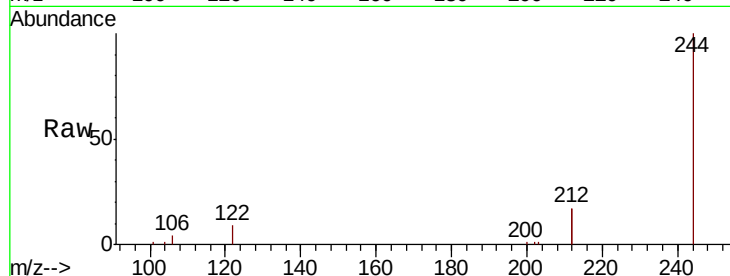
Tgt Ion:244 Resp: 13066

Ion Ratio Lower Upper

244 100

212 34.9 27.4 41.0

122 8.8 8.3 12.5

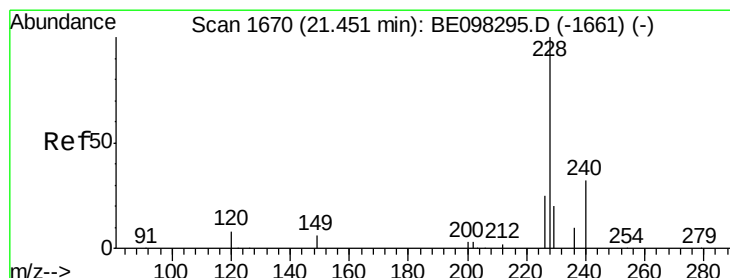
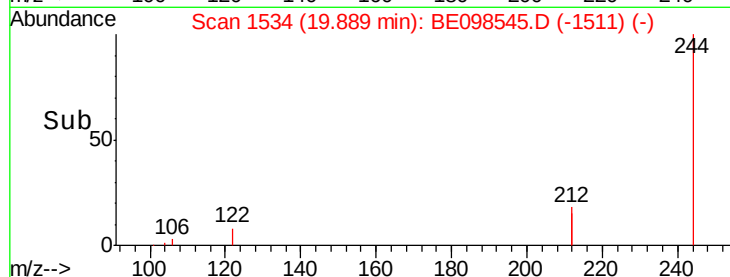
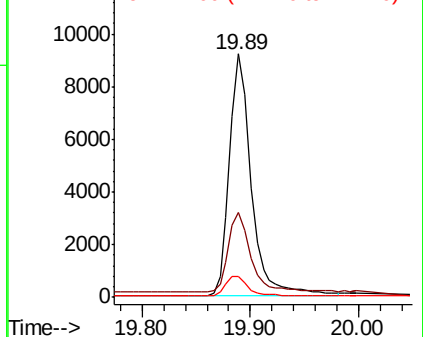


Abundance

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: 0.400 ng

RT: 21.43 min Scan# 1668

Delta R.T. -0.03 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

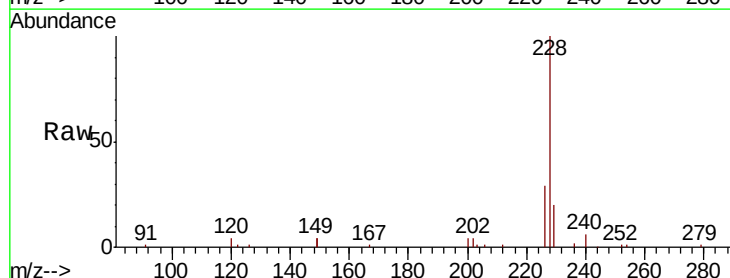
Tgt Ion:228 Resp: 17327

Ion Ratio Lower Upper

228 100

226 28.6 21.8 32.8

229 20.0 16.3 24.5

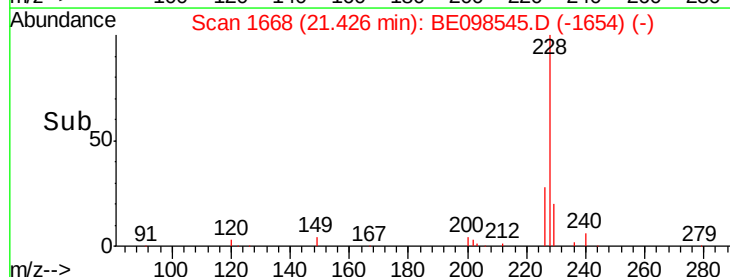
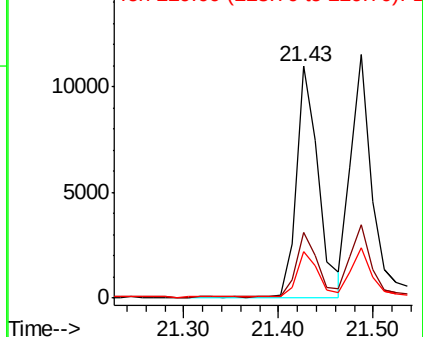


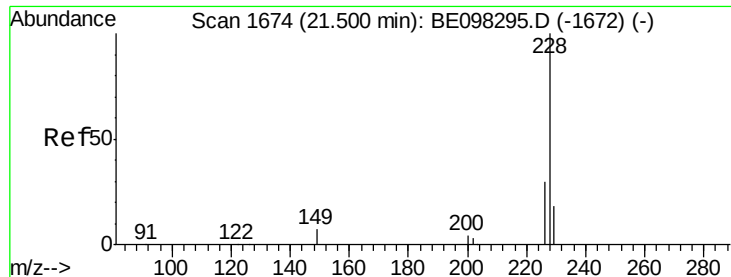
Abundance

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: 0.378 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

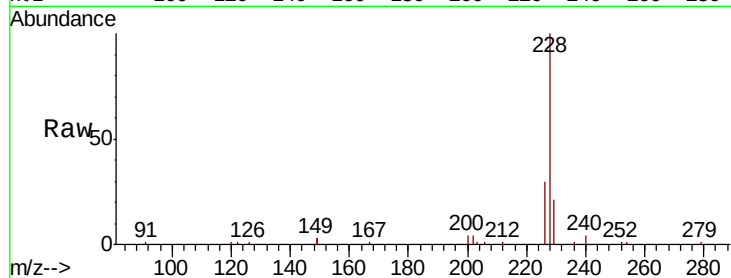
Tgt Ion:228 Resp: 17162

Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.0

229 20.7 16.2 24.4

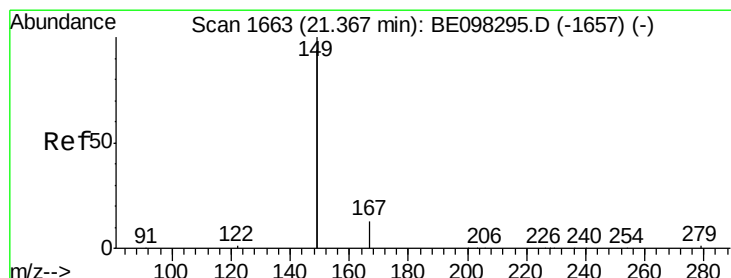
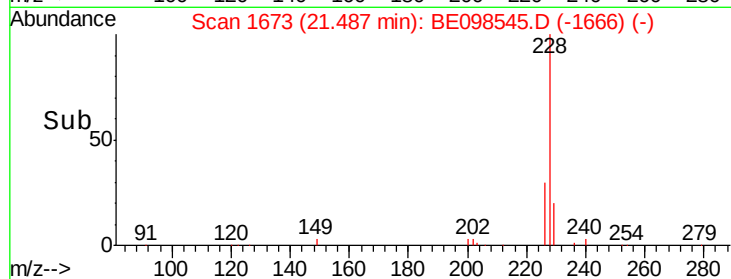
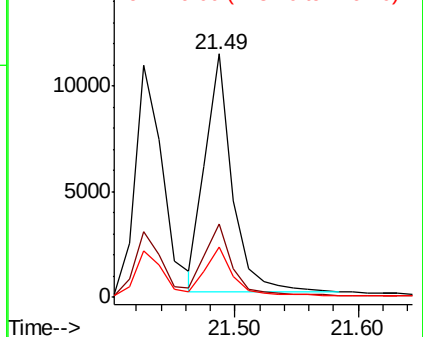


Abundance

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: 0.395 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

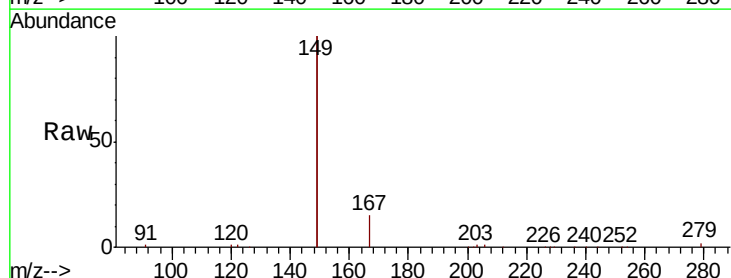
Tgt Ion:149 Resp: 34801

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

279 1.1 1.0 1.4

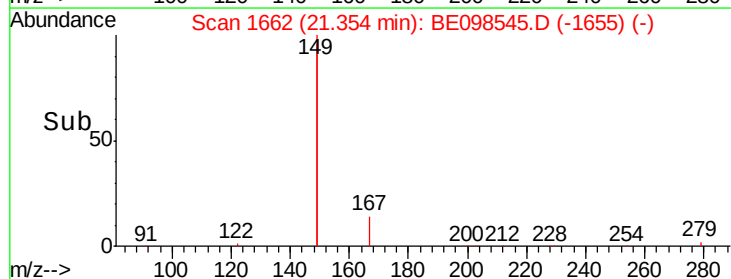
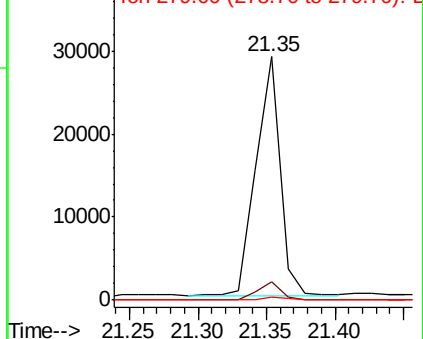


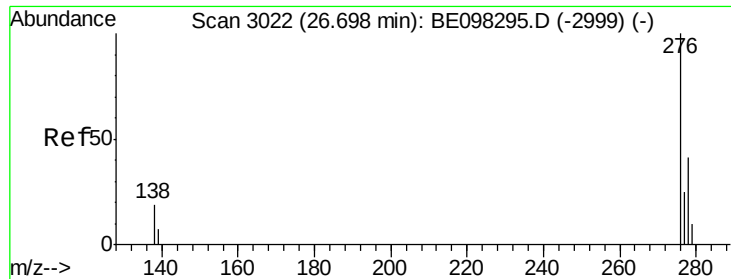
Abundance

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

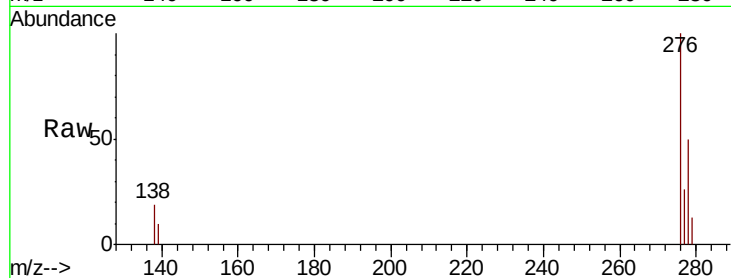




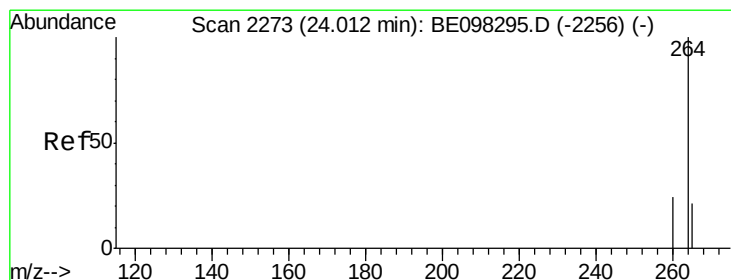
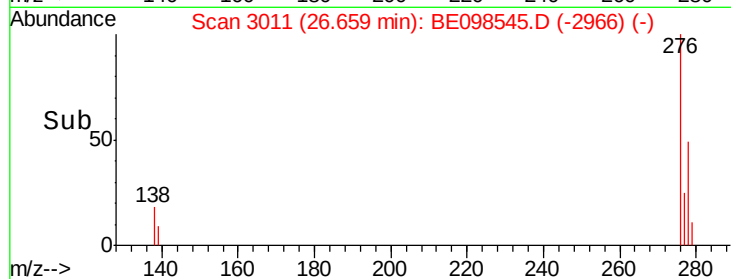
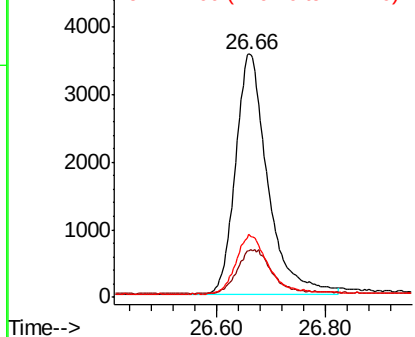
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.327 ng
 RT: 26.66 min Scan# 3011
 Delta R.T. -0.04 min
 Lab File: BE098545.D
 Acq: 20 Dec 2018 18:50

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 276 Resp: 14773
 Ion Ratio Lower Upper
 276 100
 138 19.6 16.3 24.5
 277 23.9 20.2 30.4

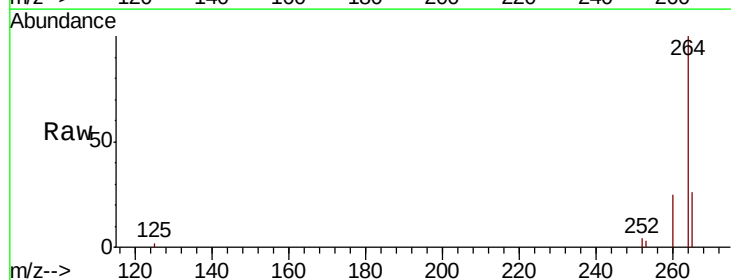


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

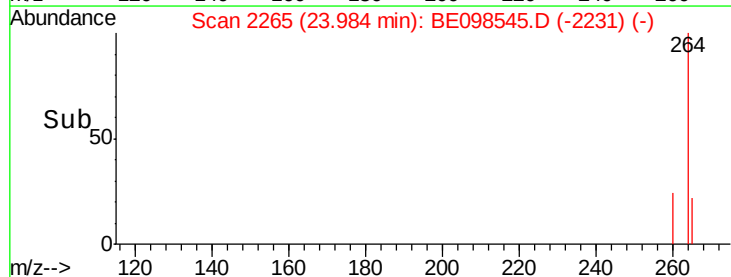
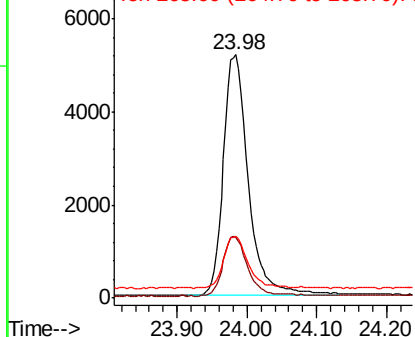


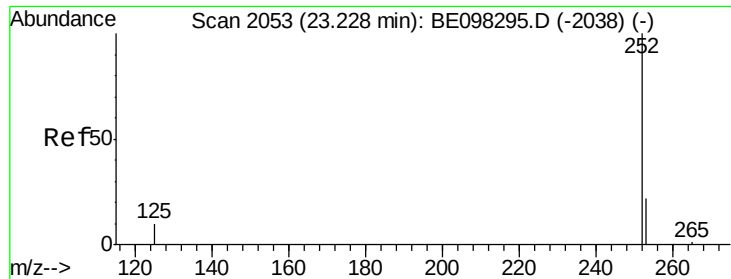
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.98 min Scan# 2265
 Delta R.T. -0.03 min
 Lab File: BE098545.D
 Acq: 20 Dec 2018 18:50

Tgt Ion: 264 Resp: 12920
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.2 30.2
 265 25.6 25.2 37.8



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: 0.418 ng

RT: 23.20 min Scan# 2046

Delta R.T. -0.02 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

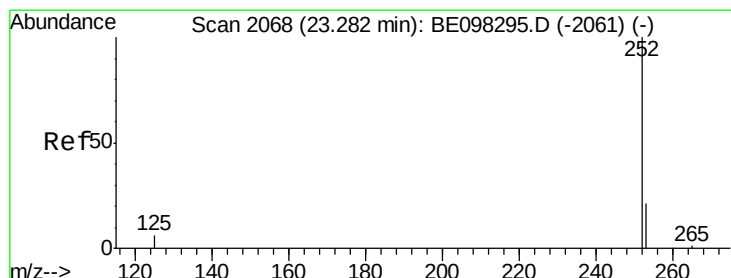
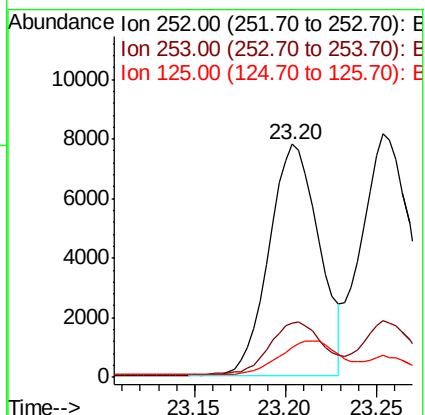
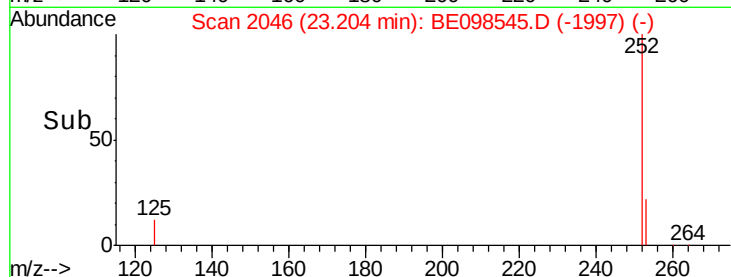
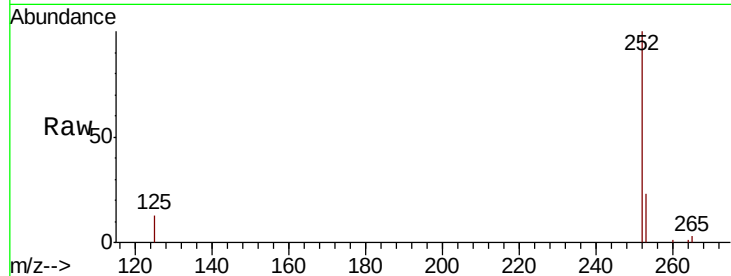
Tgt Ion:252 Resp: 14759

Ion Ratio Lower Upper

252 100

253 23.4 20.0 30.0

125 12.6 9.6 14.4



#36

Benzo(k)fluoranthene

Concen: 0.412 ng

RT: 23.25 min Scan# 2060

Delta R.T. -0.03 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

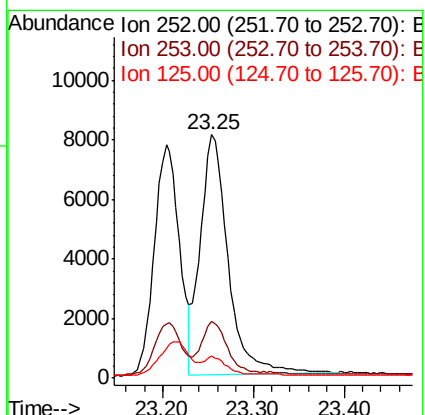
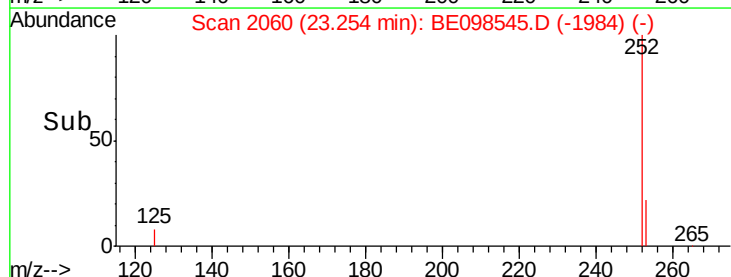
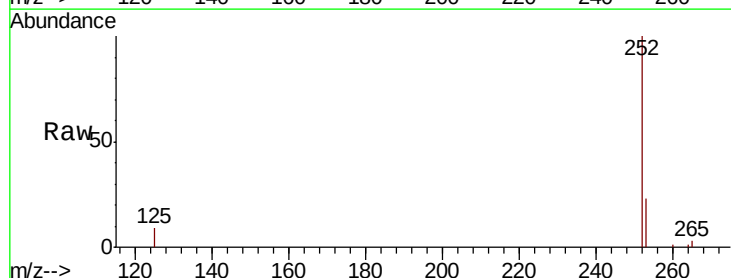
Tgt Ion:252 Resp: 16977

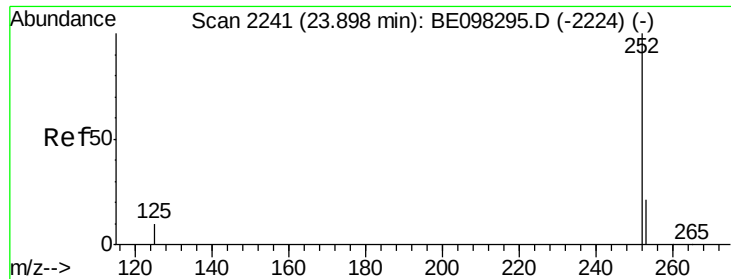
Ion Ratio Lower Upper

252 100

253 23.5 19.0 28.6

125 9.3 9.1 13.7





#37

Benzo(a)pyrene

Concen: 0.394 ng

RT: 23.87 min Scan# 2233

Delta R.T. -0.03 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

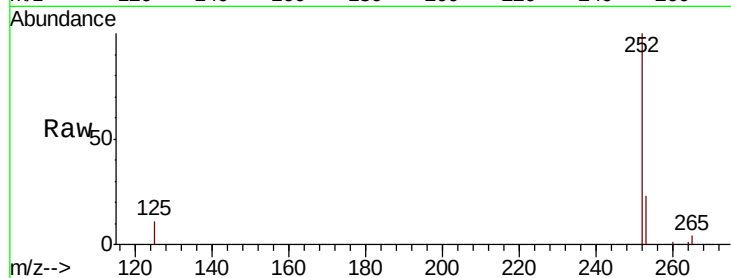
Tgt Ion:252 Resp: 14360

Ion Ratio Lower Upper

252 100

253 23.4 20.6 30.8

125 11.5 10.5 15.7

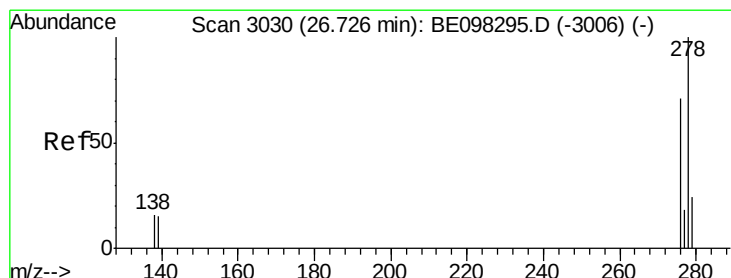
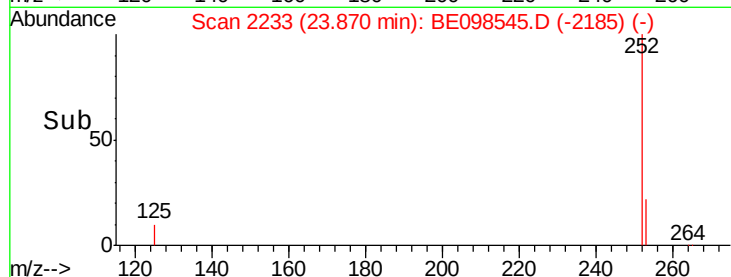
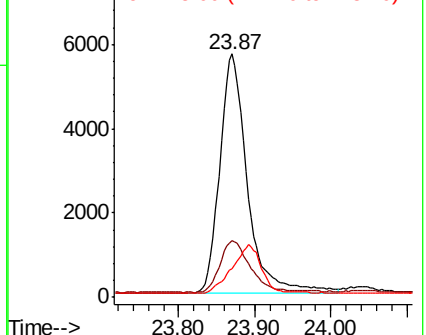


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 0.356 ng

RT: 26.68 min Scan# 3017

Delta R.T. -0.05 min

Lab File: BE098545.D

Acq: 20 Dec 2018 18:50

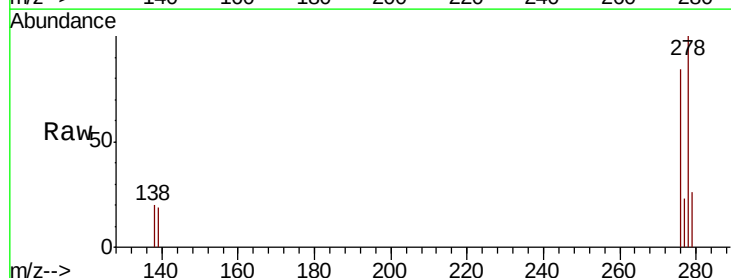
Tgt Ion:278 Resp: 12209

Ion Ratio Lower Upper

278 100

139 19.2 14.5 21.7

279 26.5 21.8 32.8

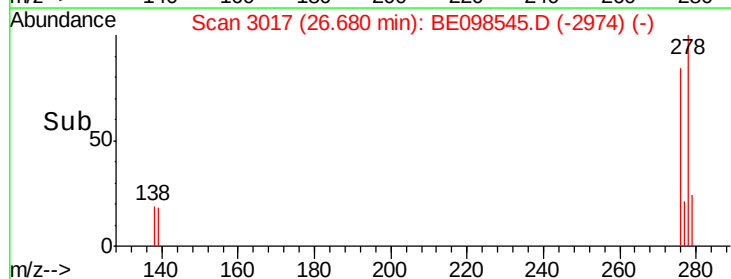
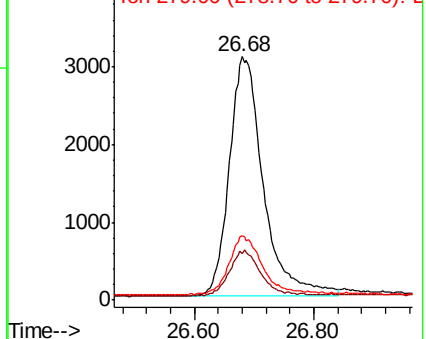


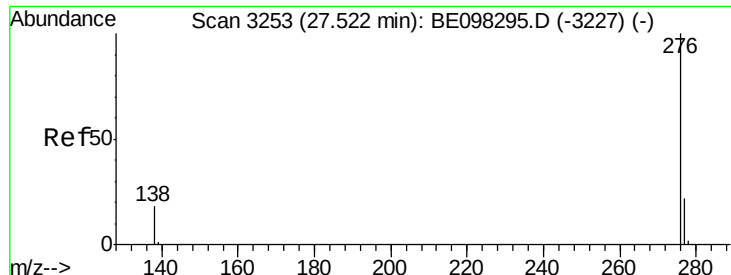
Abundance

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: 27.48 min Scan# 3241

Delta R.T. -0.04 min

Lab File: BE098545.D

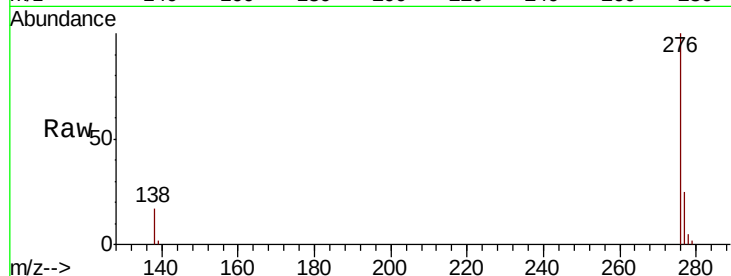
Acq: 20 Dec 2018 18:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 12422

Ion Ratio Lower Upper

276 100

277 25.0 20.8 31.2

138 17.1 15.8 23.6

