

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122118\
 Data File : BE098557.D
 Acq On : 21 Dec 2018 18:24
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 22 00:58:01 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	802	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3507	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2383	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	6294	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	8225	0.40	ng	-0.01
34) Perylene-d12	23.99	264	7621	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	722	0.38	ng	0.00
5) Phenol-d6	7.03	99	1042	0.39	ng	-0.01
8) Nitrobenzene-d5	9.02	82	1049	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	2187	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	16.01	330	398	0.45	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	3543	0.35	ng	-0.02
25) Fluoranthene-d10	19.30	212	30998	0.38	ng	-0.01
29) Terphenyl-d14	19.89	244	6226	0.31	ng	-0.01

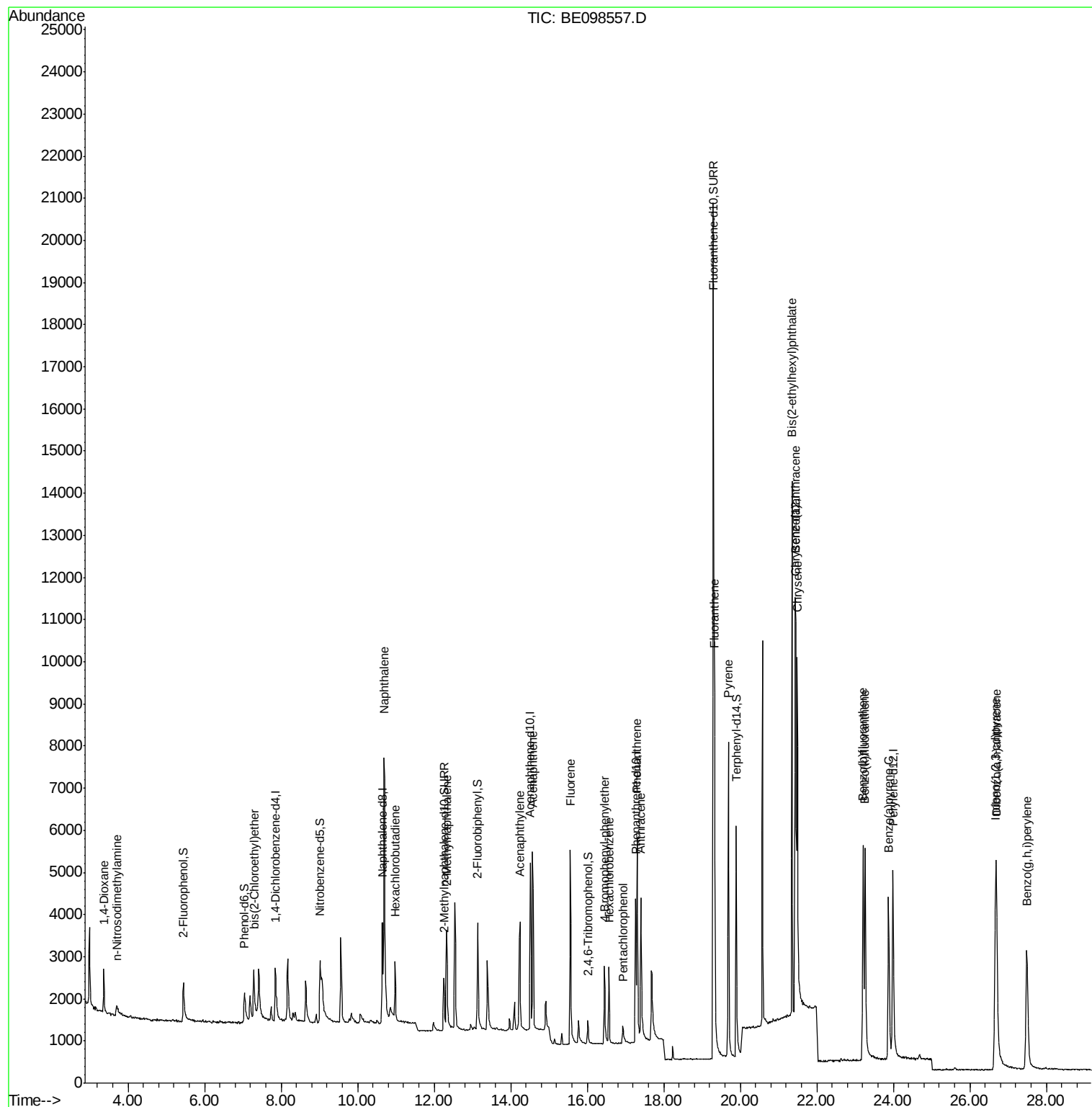
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	544	0.392	ng	95
3) n-Nitrosodimethylamine	3.70	42	346	0.277	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	794	0.314	ng	95
9) Naphthalene	10.69	128	13432	0.381	ng	# 98
10) Hexachlorobutadiene	10.98	225	943	0.420	ng	99
12) 2-Methylnaphthalene	12.32	142	2014	0.351	ng	92
16) Acenaphthylene	14.24	152	3728	0.334	ng	99
17) Acenaphthene	14.57	154	2377	0.354	ng	96
18) Fluorene	15.56	166	3210	0.358	ng	98
20) 4-Bromophenyl-phenylether	16.45	248	1203	0.355	ng	96
21) Hexachlorobenzene	16.57	284	1403	0.385	ng	96
22) Pentachlorophenol	16.93	266	345	0.557	ng	93
23) Phenanthrene	17.30	178	5601	0.366	ng	100
24) Anthracene	17.40	178	4455	0.327	ng	99
26) Fluoranthene	19.33	202	7782	0.385	ng	98
28) Pyrene	19.69	202	8047	0.312	ng	100
30) Benzo(a)anthracene	21.44	228	7848	0.335	ng	99
31) Chrysene	21.49	228	8741	0.356	ng	98
32) Bis(2-ethylhexyl)phthalate	21.35	149	13051	0.274	ng	99
33) Indeno(1,2,3-cd)pyrene	26.67	276	8757	0.359	ng	98
35) Benzo(b)fluoranthene	23.21	252	7662	0.368	ng	97
36) Benzo(k)fluoranthene	23.26	252	9485	0.391	ng	98
37) Benzo(a)pyrene	23.88	252	7658	0.356	ng	97
38) Dibenzo(a,h)anthracene	26.69	278	7489	0.370	ng	99
39) Benzo(g,h,i)perylene	27.49	276	7663	0.375	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: 7.85 min Scan# 433

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

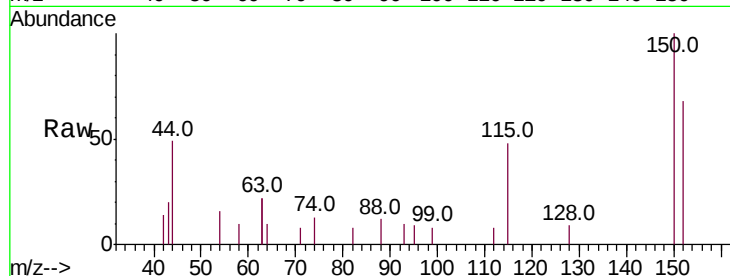
Tot Ion:152 Resp: 802

Ion Ratio Lower Upper

152 100

150 146.0 124.2 186.4

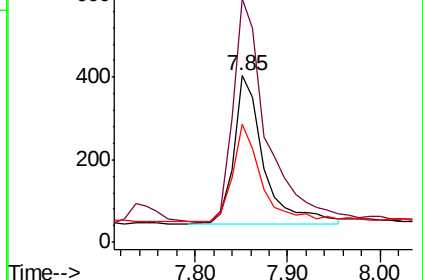
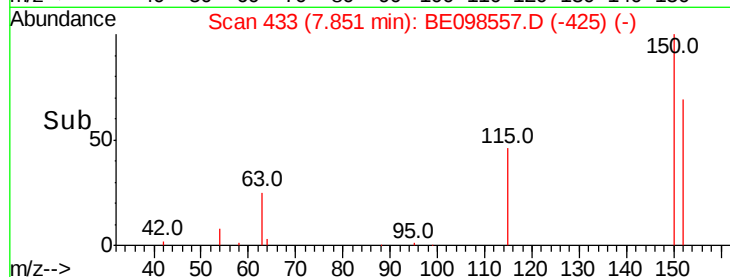
115 70.5 53.9 80.9



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: 0.392 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

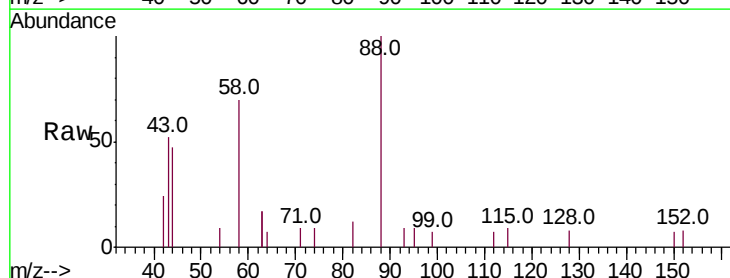
Tgt Ion: 88 Resp: 544

Ion Ratio Lower Upper

88 100

58 99.1 75.0 112.6

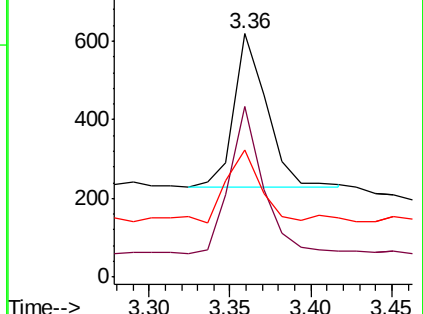
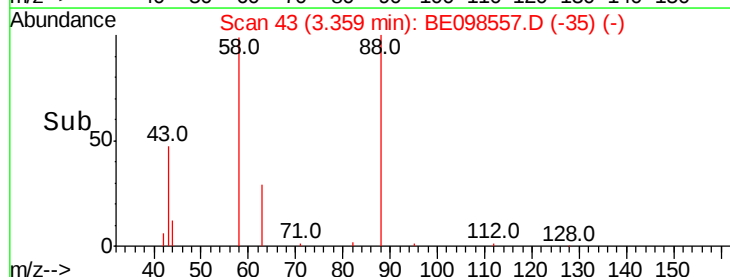
43 51.1 38.3 57.5

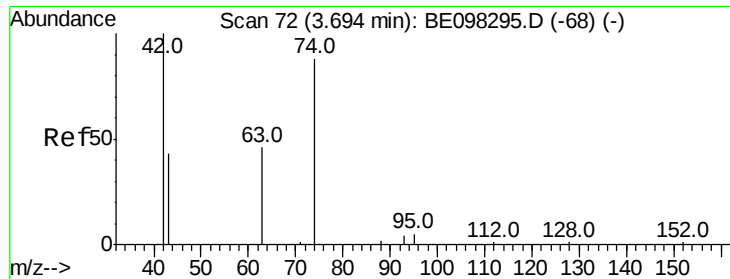


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



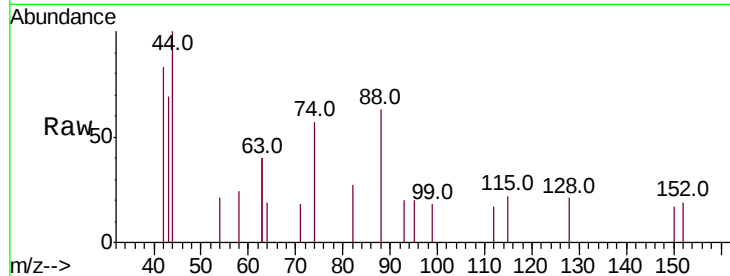


#3

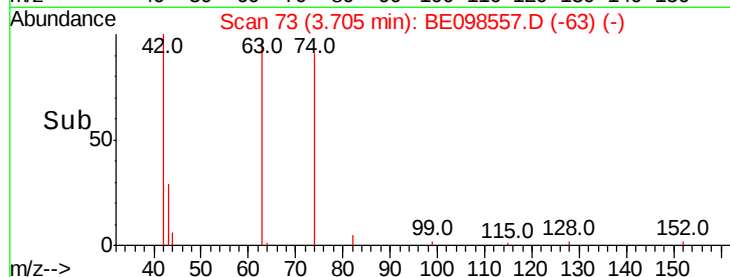
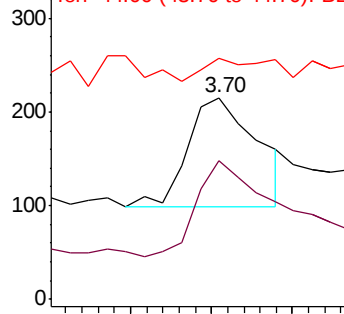
n-Nitrosodimethylamine
 Concen: 0.277 ng
 RT: 3.70 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: BE098557.D
 Acq: 21 Dec 2018 18:24

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion: 42 Resp: 346
 Ion Ratio Lower Upper
 42 100
 74 80.3 0.0 0.0#
 44 14.5 0.0 0.0#



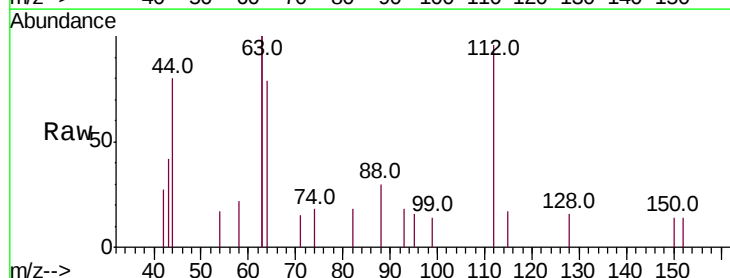
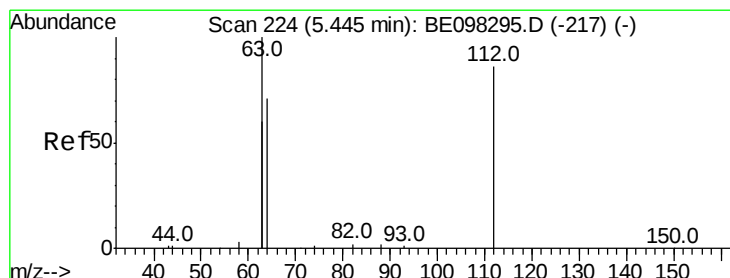
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



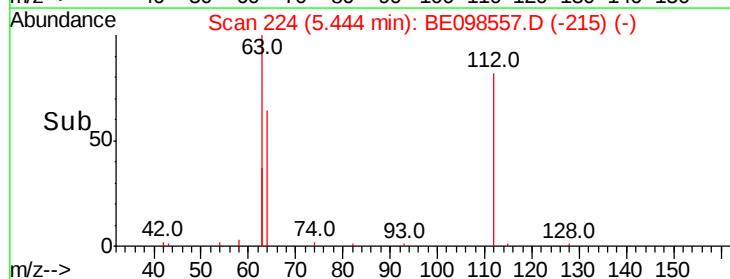
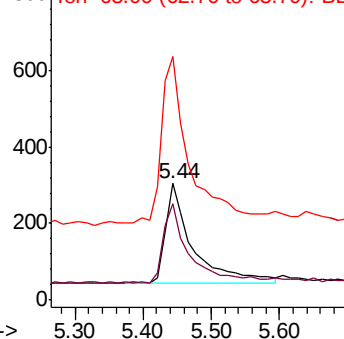
#4

2-Fluorophenol
 Concen: 0.385 ng
 RT: 5.44 min Scan# 224
 Delta R.T. -0.00 min
 Lab File: BE098557.D
 Acq: 21 Dec 2018 18:24

Tgt Ion: 112 Resp: 722
 Ion Ratio Lower Upper
 112 100
 64 76.0 59.8 89.8
 63 175.8 133.7 200.5



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: 0.392 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

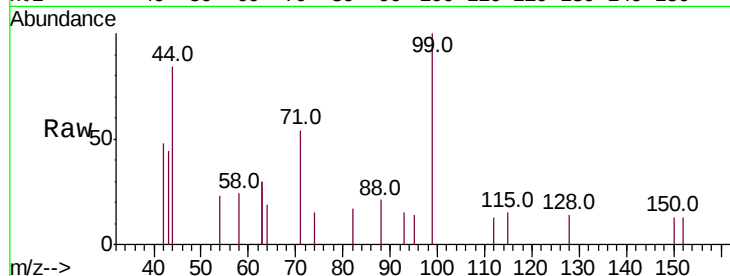
Tot Ion: 99 Resp: 1042

Ion Ratio Lower Upper

99 100

42 32.2 26.3 39.5

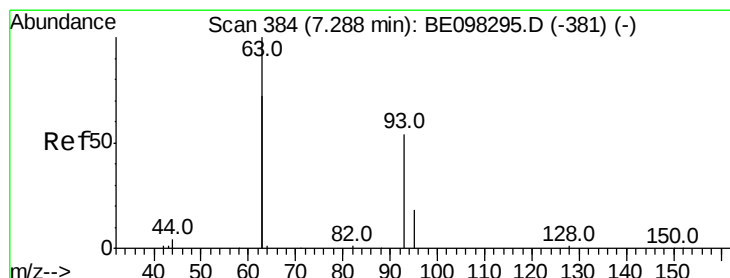
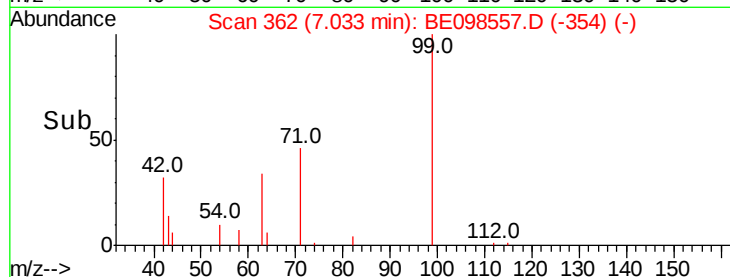
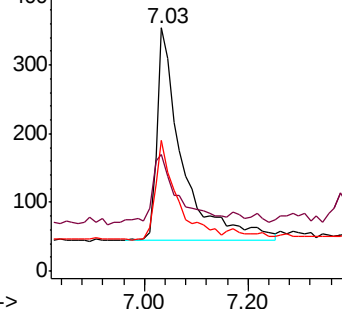
71 40.7 33.6 50.4



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: 0.314 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

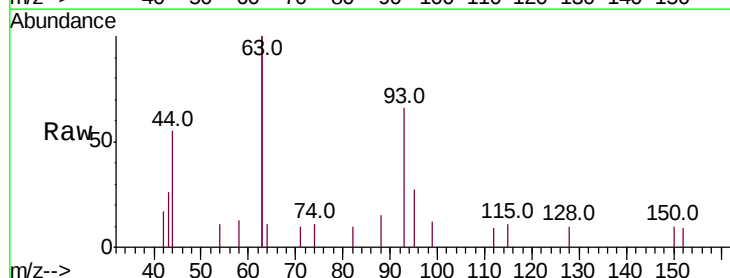
Tgt Ion: 93 Resp: 794

Ion Ratio Lower Upper

93 100

63 320.7 264.4 396.6

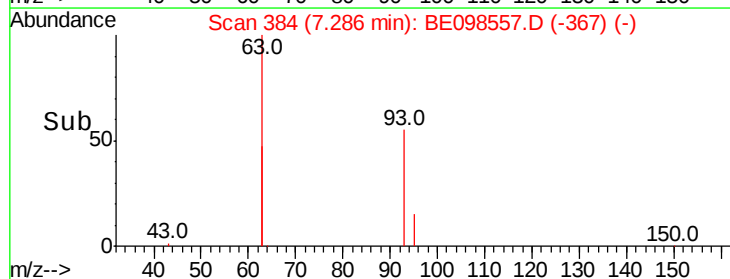
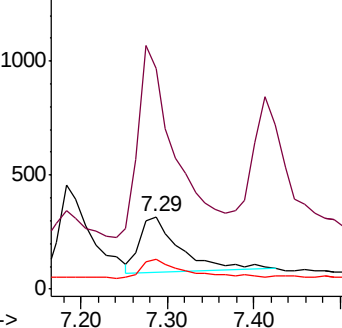
95 35.6 26.6 40.0

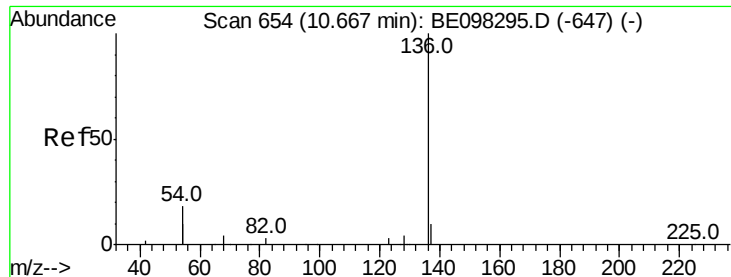


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 3507

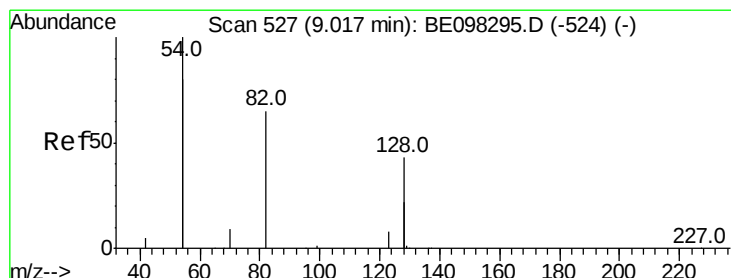
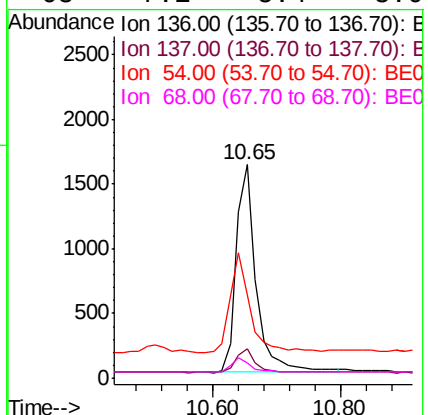
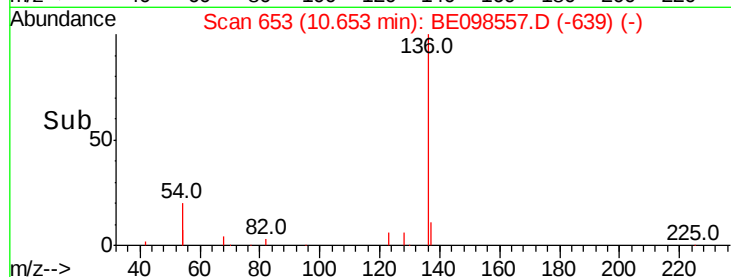
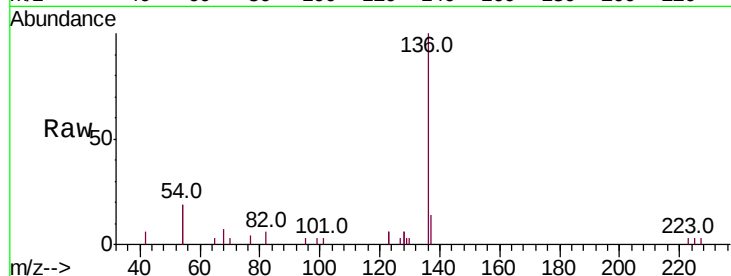
Ion Ratio Lower Upper

136 100

137 13.8 9.2 13.8#

54 38.9 28.4 42.6

68 7.1 5.4 8.0



#8

Nitrobenzene-d5

Concen: 0.329 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

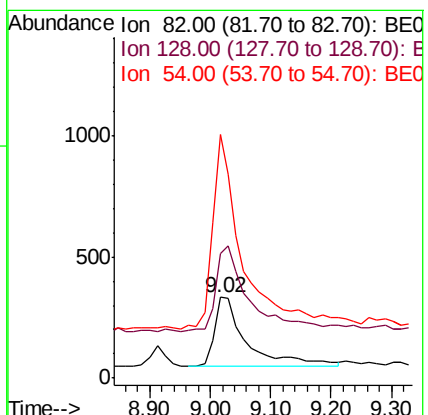
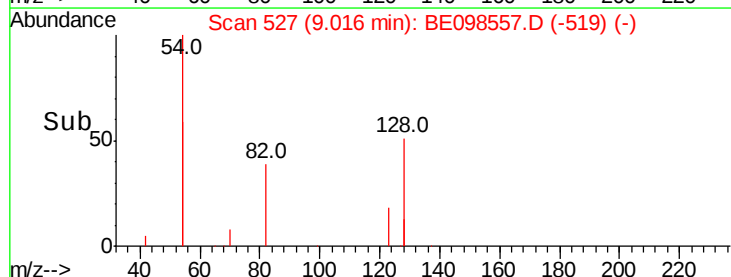
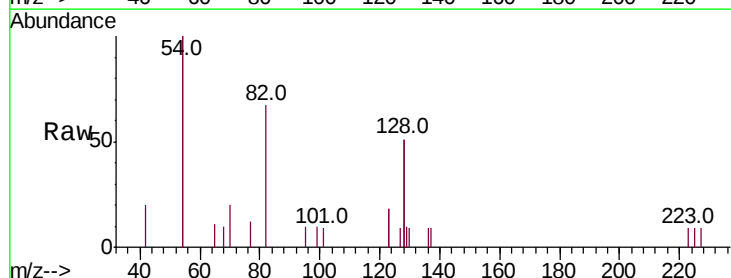
Tgt Ion: 82 Resp: 1049

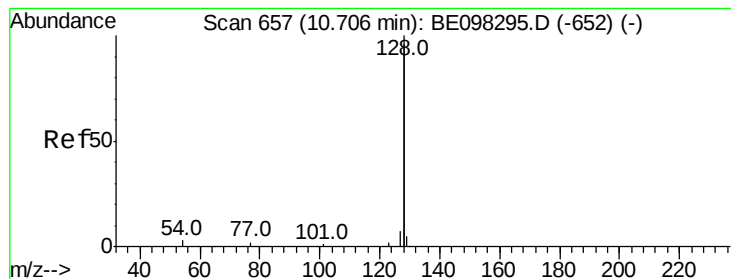
Ion Ratio Lower Upper

82 100

128 153.9 102.4 153.6#

54 300.6 221.8 332.8





#9

Naphthalene

Concen: 0.381 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

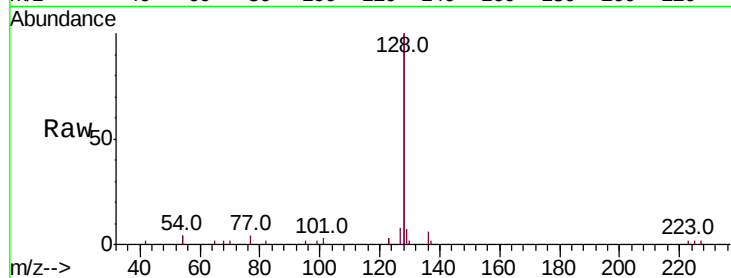
Tot Ion:128 Resp: 13432

Ion Ratio Lower Upper

128 100

129 3.4 2.5 3.7

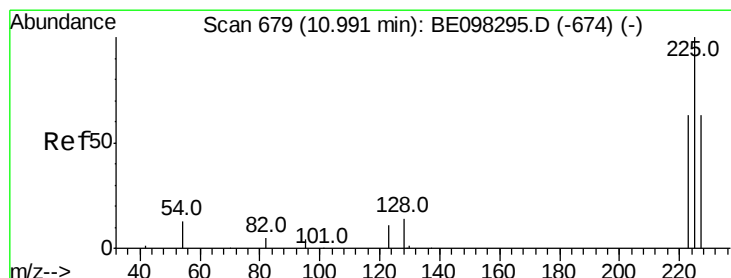
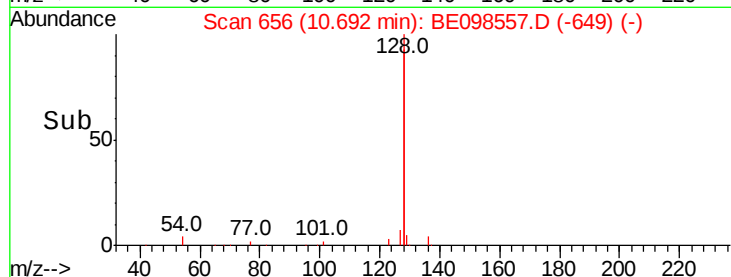
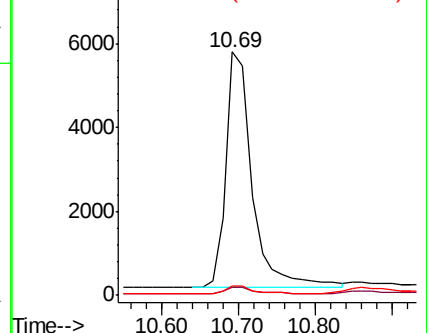
127 4.1 2.7 4.1#



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: 0.420 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

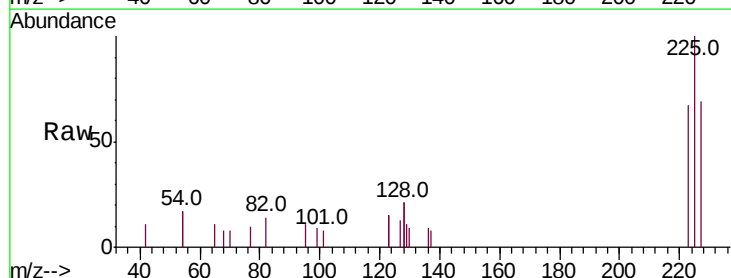
Tgt Ion:225 Resp: 943

Ion Ratio Lower Upper

225 100

223 63.2 49.4 74.0

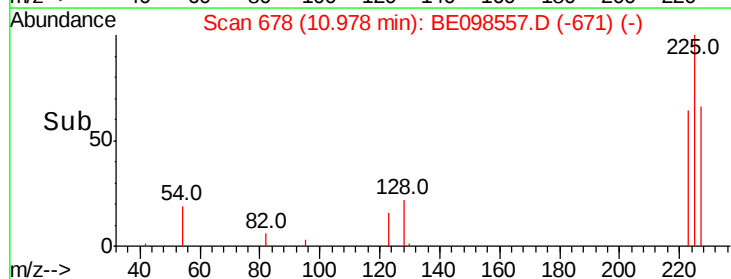
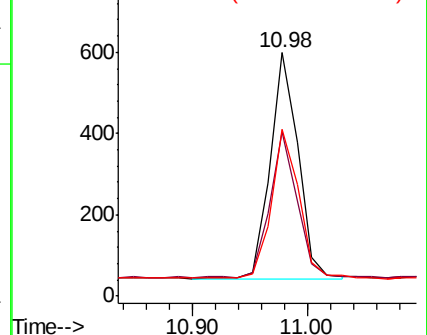
227 65.3 52.0 78.0

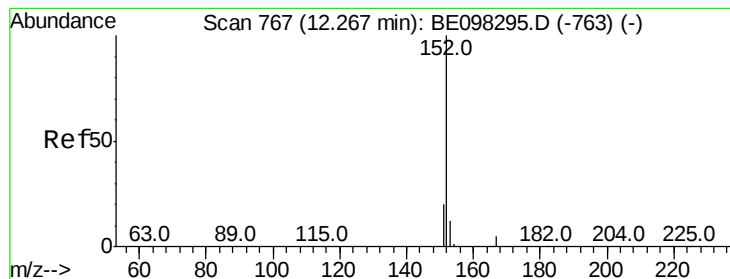


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.384 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.02 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_E

ClientSampleId :

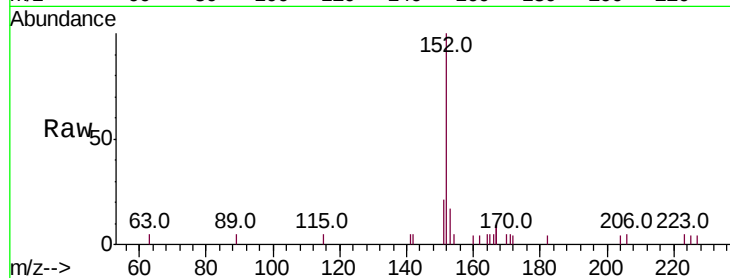
SSTDCCC0.4EC

Tot Ion:152 Resp: 2187

Ion Ratio Lower Upper

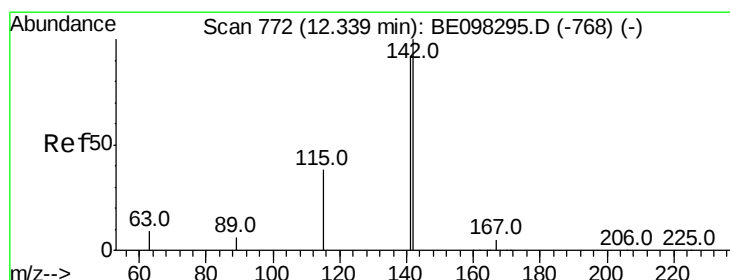
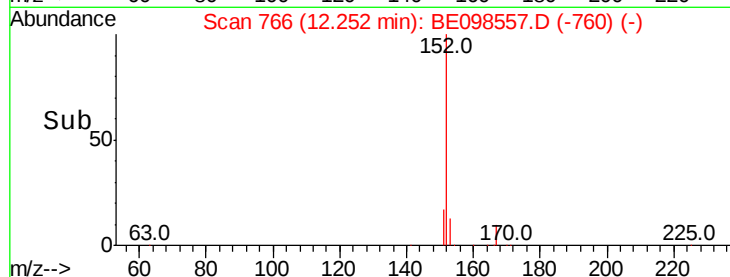
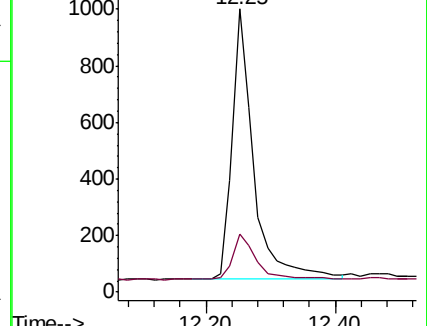
152 100

151 19.0 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: 0.351 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.02 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

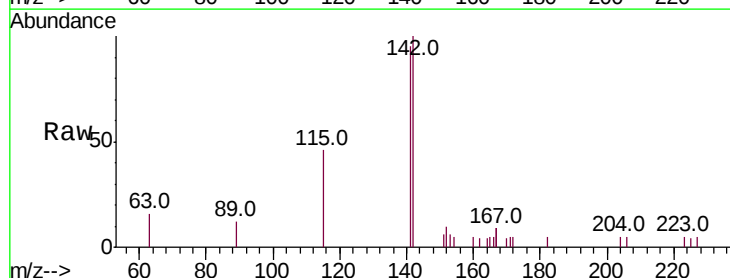
Tgt Ion:142 Resp: 2014

Ion Ratio Lower Upper

142 100

141 95.4 71.0 106.6

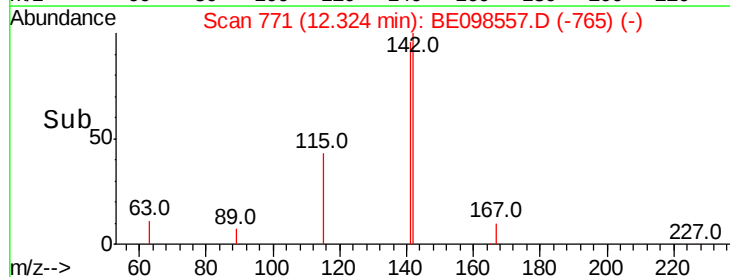
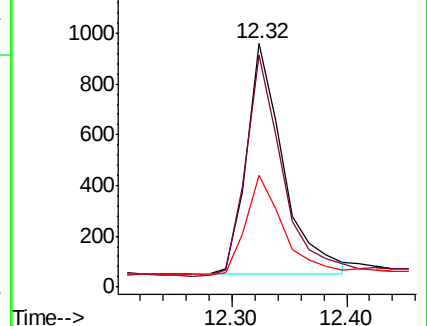
115 45.8 32.2 48.2

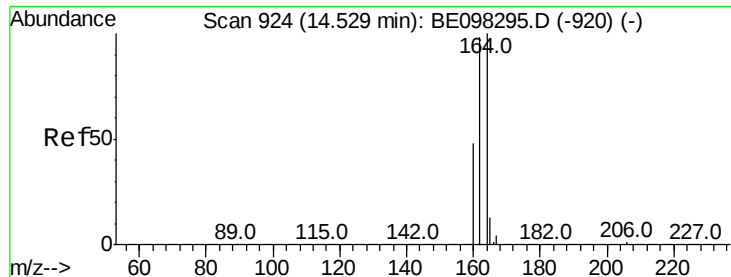


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.51 min Scan# 923

Delta R.T. -0.02 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

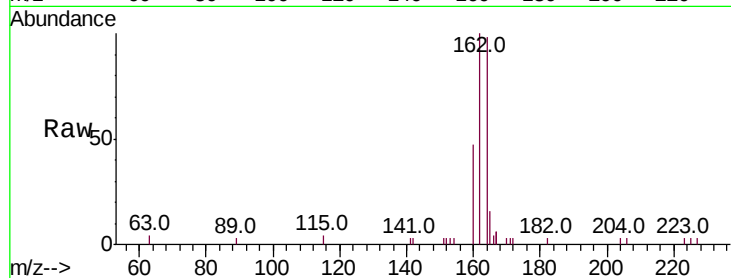
Tot Ion:164 Resp: 2383

Ion Ratio Lower Upper

164 100

162 102.3 77.6 116.4

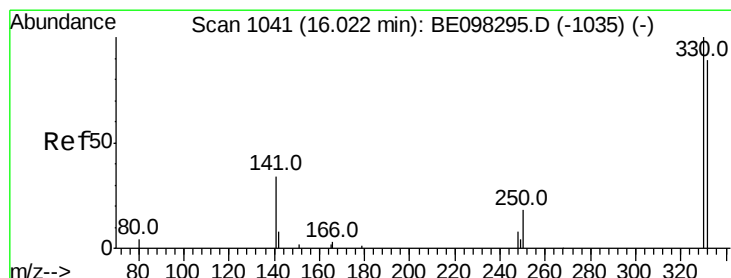
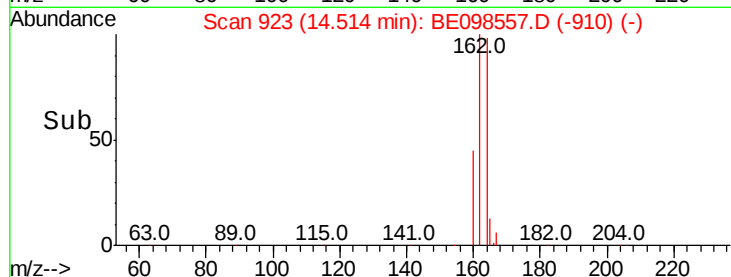
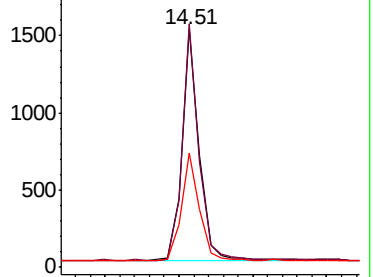
160 48.0 36.0 54.0



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: 0.455 ng

RT: 16.01 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

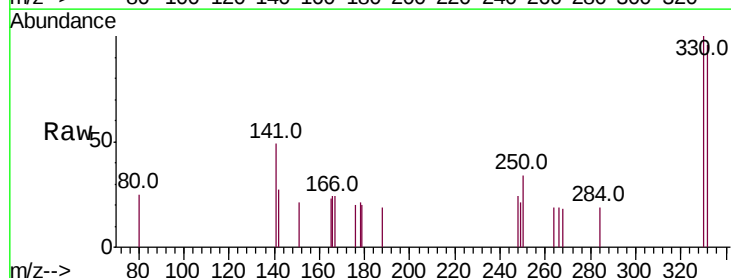
Tgt Ion:330 Resp: 398

Ion Ratio Lower Upper

330 100

332 94.5 76.2 114.4

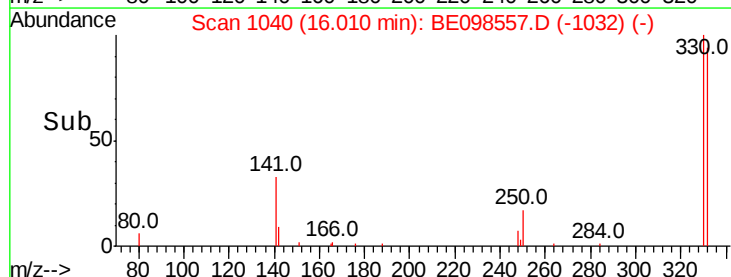
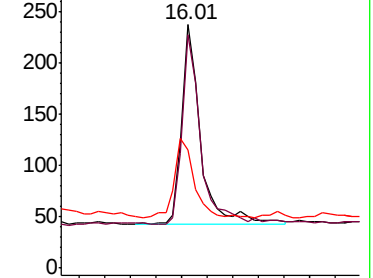
141 43.0 39.0 58.4

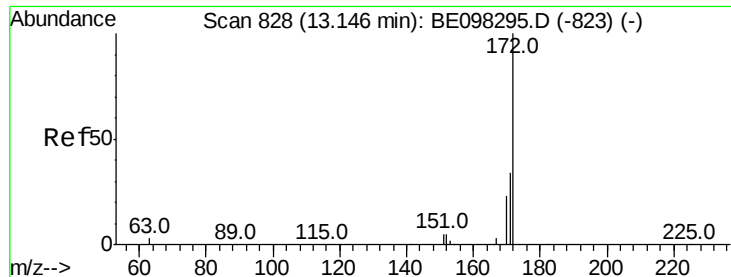


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

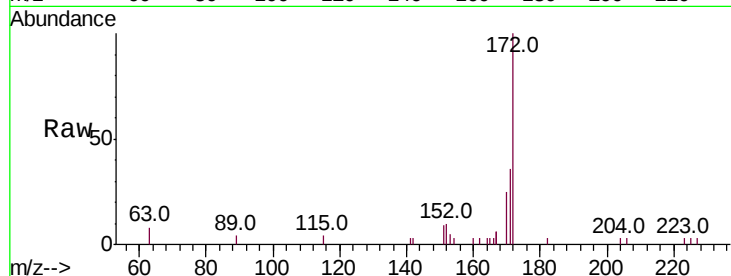




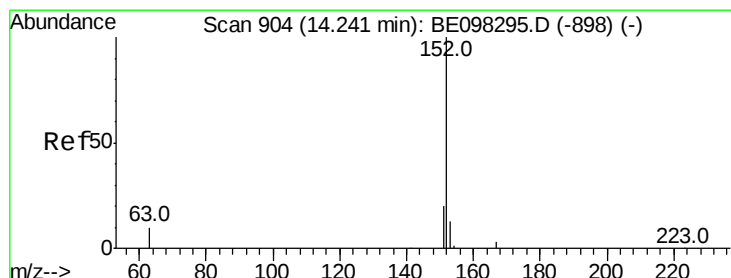
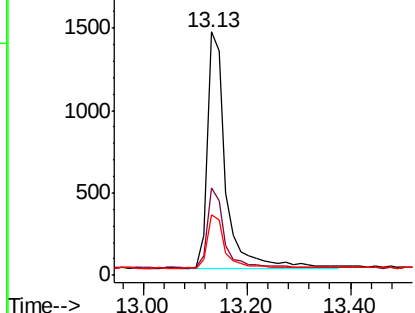
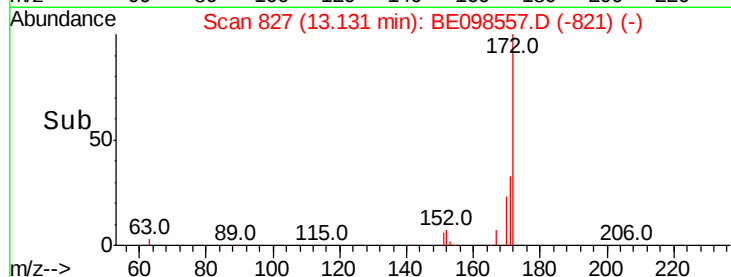
#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.02 min
Lab File: BE098557.D
Acq: 21 Dec 2018 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 3543
Ion Ratio Lower Upper
172 100
171 35.7 27.5 41.3
170 24.9 19.6 29.4

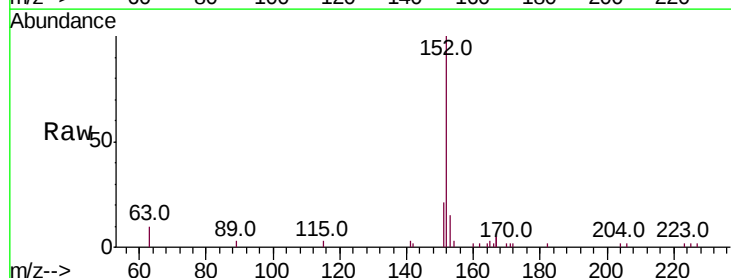


Abundance Ion 172.00 (171.70 to 172.70): E
2000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

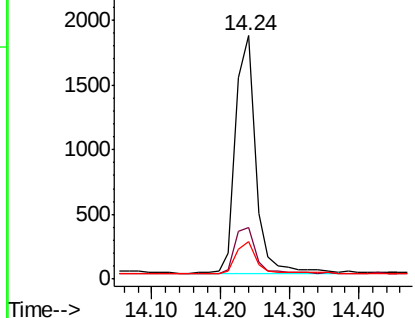
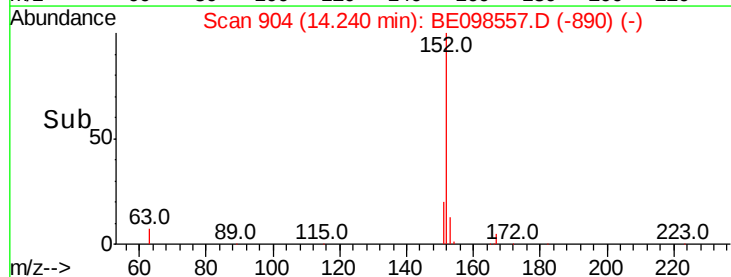


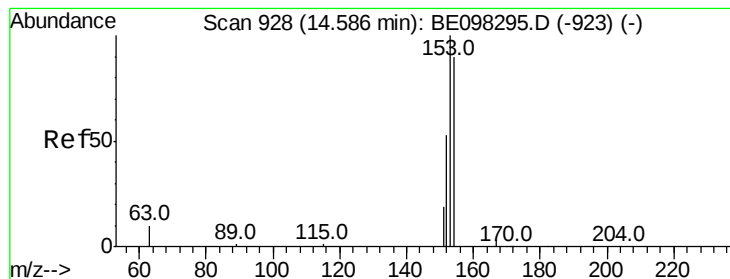
#16
Acenaphthylene
Concen: 0.334 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098557.D
Acq: 21 Dec 2018 18:24

Tgt Ion:152 Resp: 3728
Ion Ratio Lower Upper
152 100
151 20.2 15.5 23.3
153 13.5 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
2500 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.354 ng

RT: 14.57 min Scan# 927

Delta R.T. -0.02 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

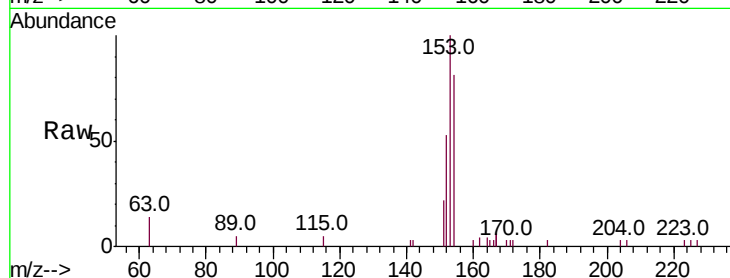
Tot Ion:154 Resp: 2377

Ion Ratio Lower Upper

154 100

153 119.8 91.8 137.6

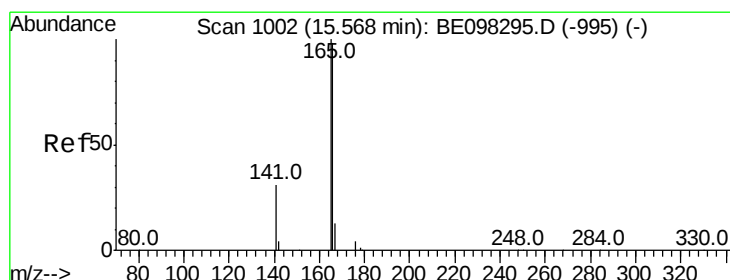
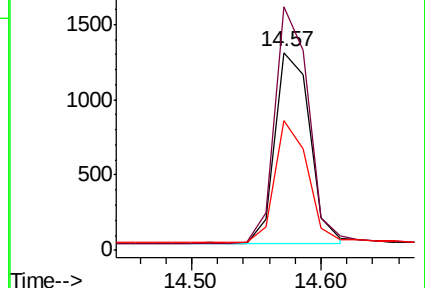
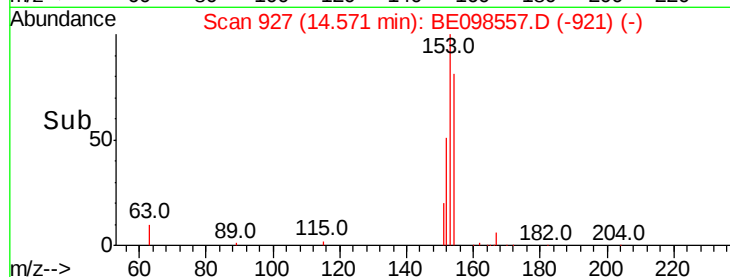
152 59.7 45.5 68.3



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: 0.358 ng

RT: 15.56 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

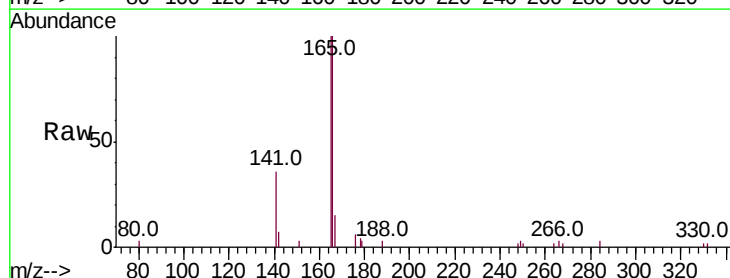
Tgt Ion:166 Resp: 3210

Ion Ratio Lower Upper

166 100

165 100.6 79.3 118.9

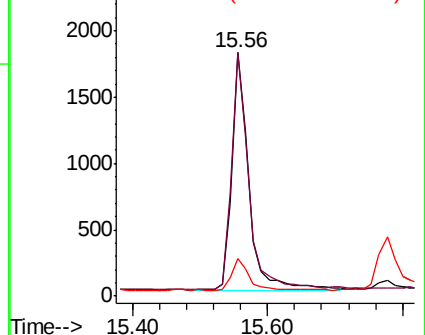
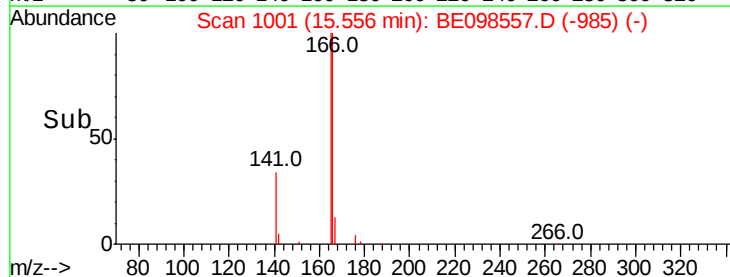
167 13.5 11.3 16.9

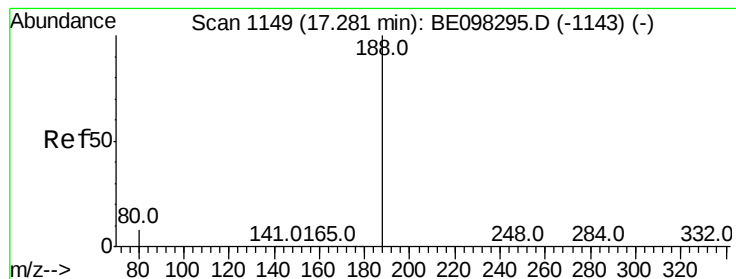


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

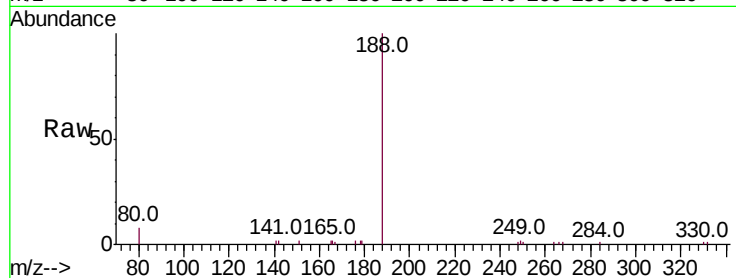
Tot Ion:188 Resp: 6294

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

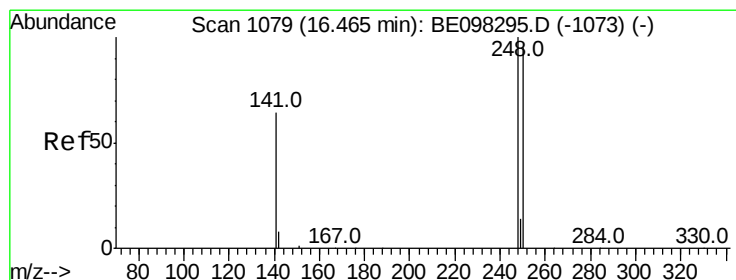
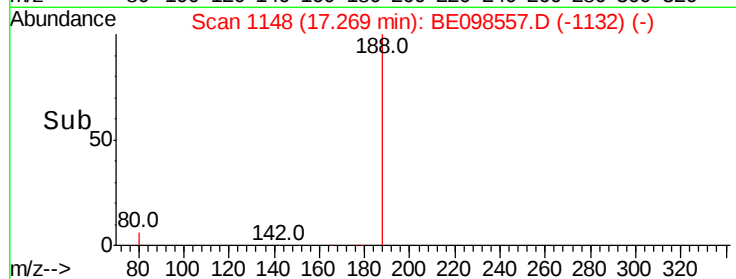
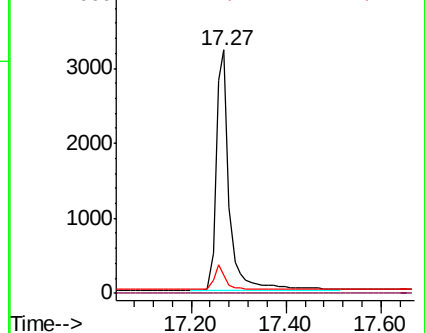
80 7.6 7.2 10.8



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: 0.355 ng

RT: 16.45 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

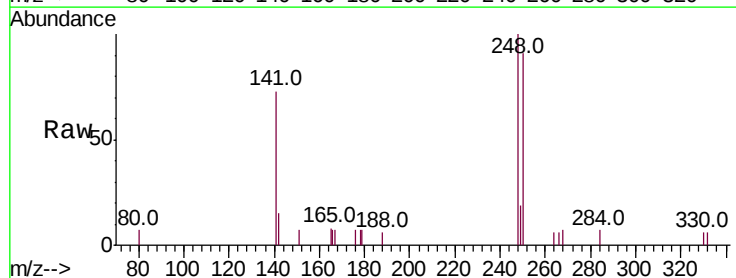
Tgt Ion:248 Resp: 1203

Ion Ratio Lower Upper

248 100

250 91.3 71.0 106.6

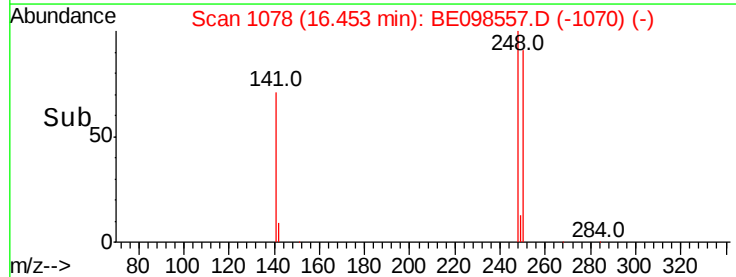
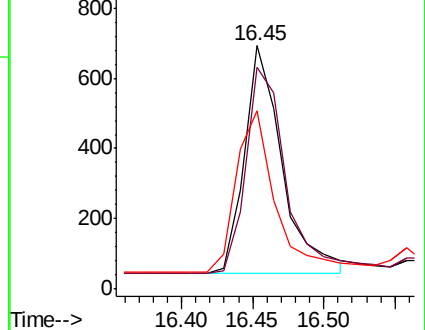
141 73.3 62.1 93.1



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: 0.385 ng

RT: 16.57 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

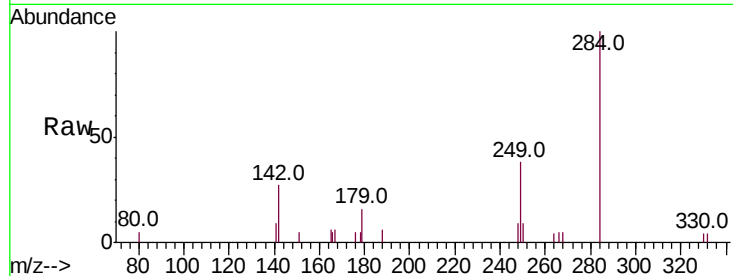
Tot Ion:284 Resp: 1403

Ion Ratio Lower Upper

284 100

142 35.6 26.3 39.5

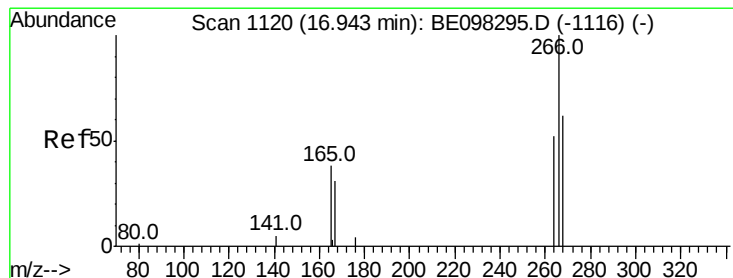
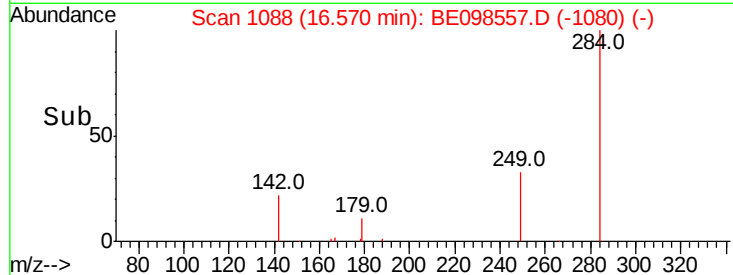
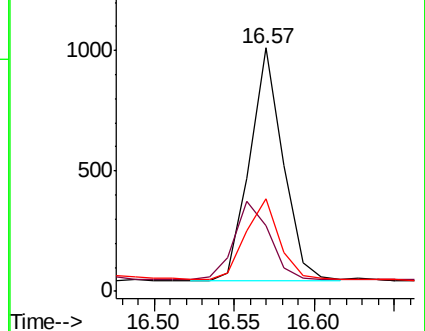
249 34.4 26.0 39.0



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: 0.557 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

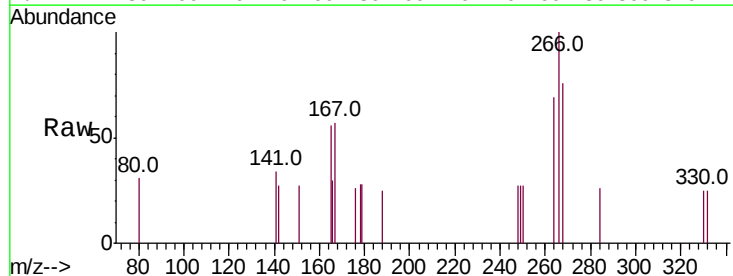
Tgt Ion:266 Resp: 345

Ion Ratio Lower Upper

266 100

264 69.3 59.0 88.4

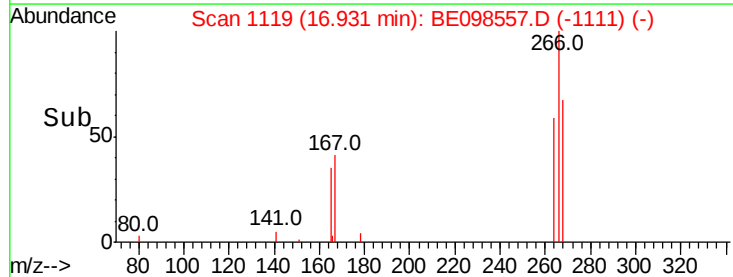
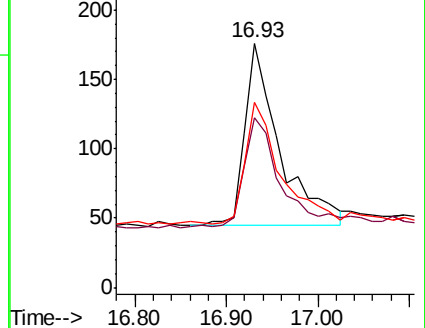
268 75.6 55.1 82.7

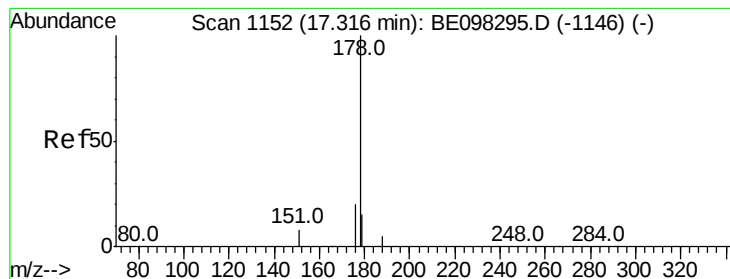


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.366 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

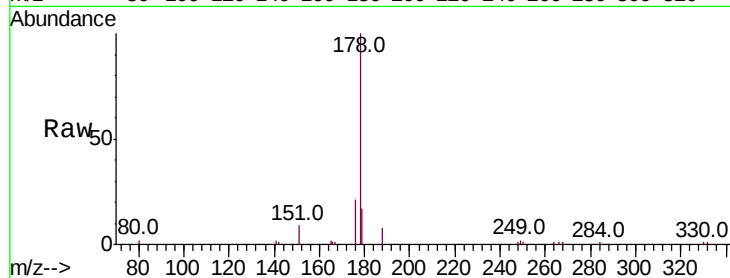
Tot Ion:178 Resp: 5601

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

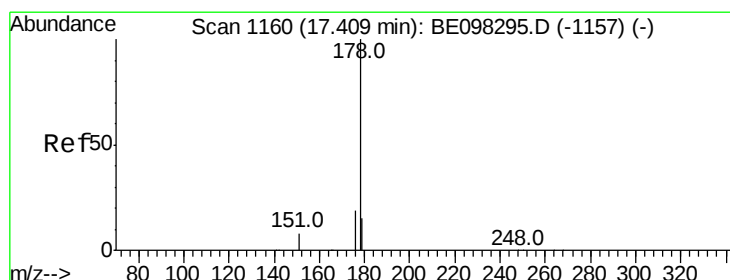
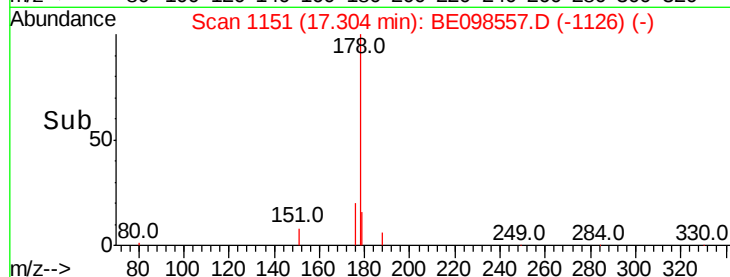
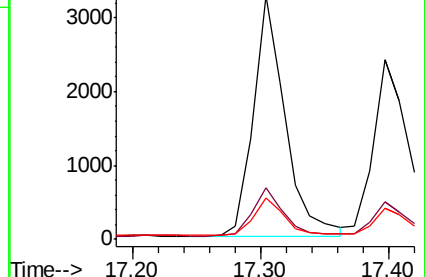
179 15.6 12.3 18.5



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: 0.327 ng

RT: 17.40 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

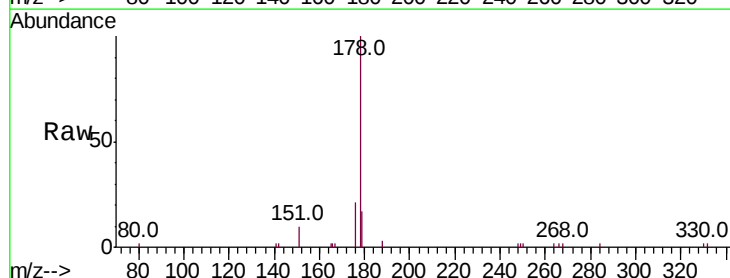
Tgt Ion:178 Resp: 4455

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

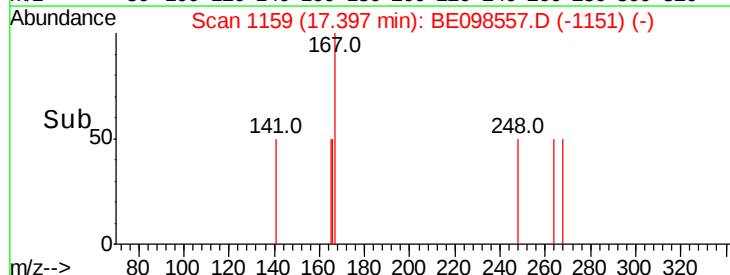
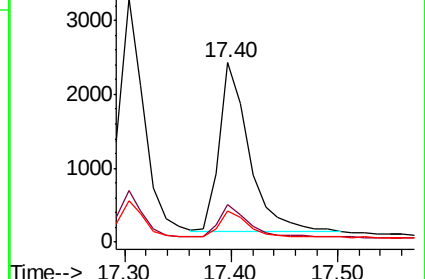
179 14.1 12.3 18.5



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





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

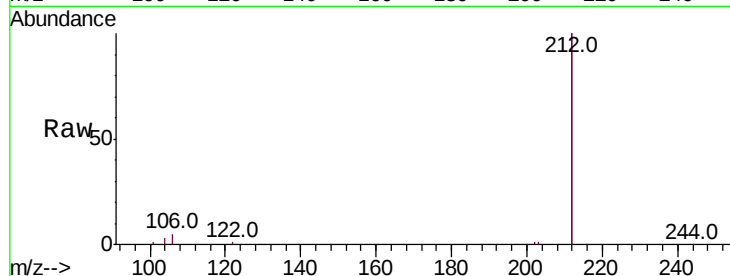
Tot Ion:212 Resp: 30998

Ion Ratio Lower Upper

212 100

106 2.3 2.2 3.2

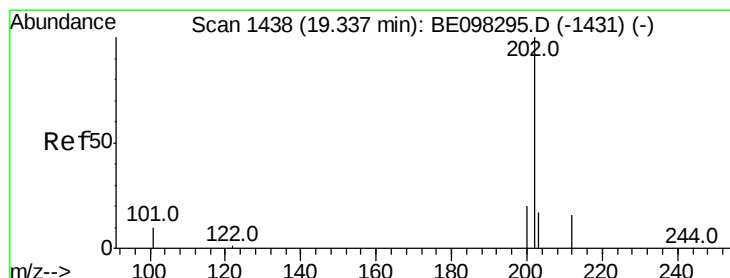
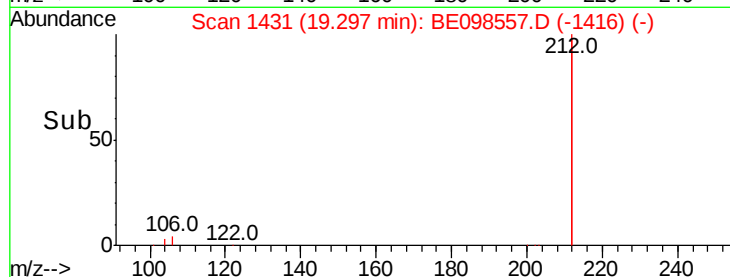
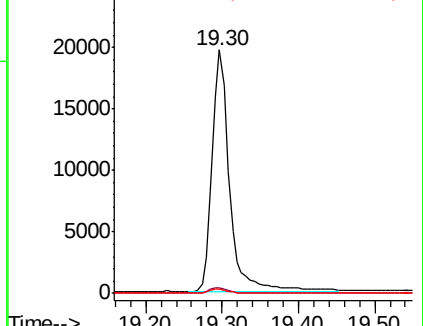
104 1.4 1.3 1.9



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: 0.385 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

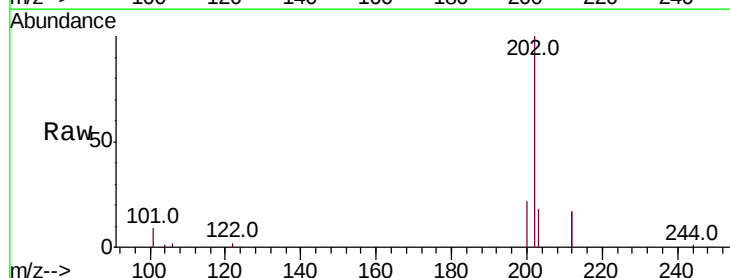
Tgt Ion:202 Resp: 7782

Ion Ratio Lower Upper

202 100

101 8.7 8.0 12.0

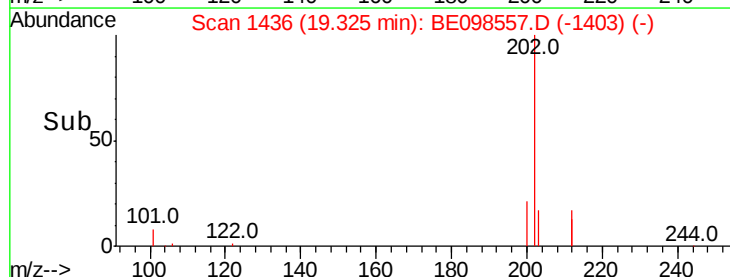
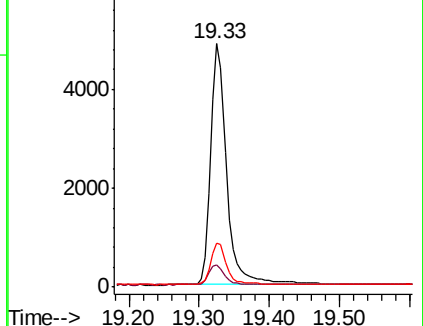
203 16.4 13.8 20.6



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: BE098557.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

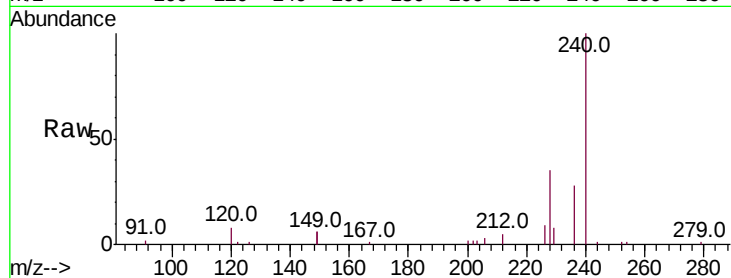
Tot Ion:240 Resp: 8225

Ion Ratio Lower Upper

240 100

120 7.5 9.5 14.3#

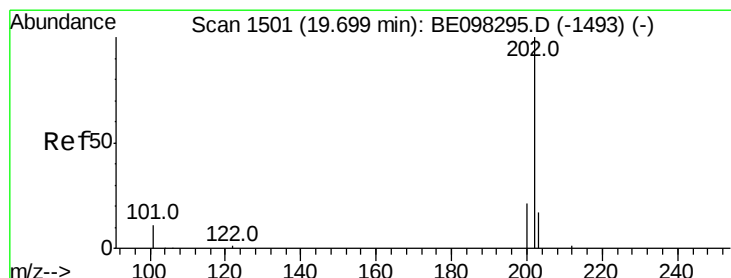
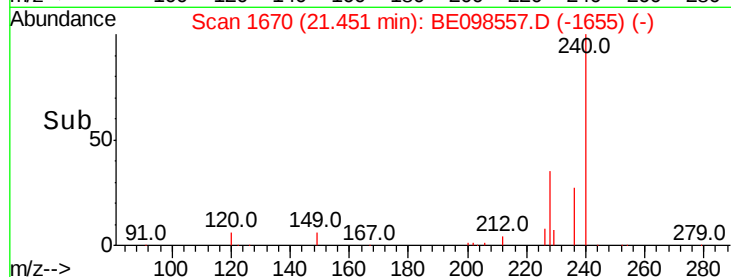
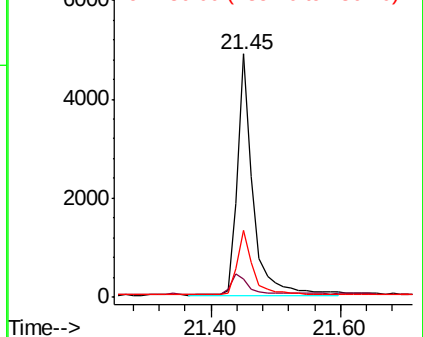
236 27.6 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.312 ng

RT: 19.69 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

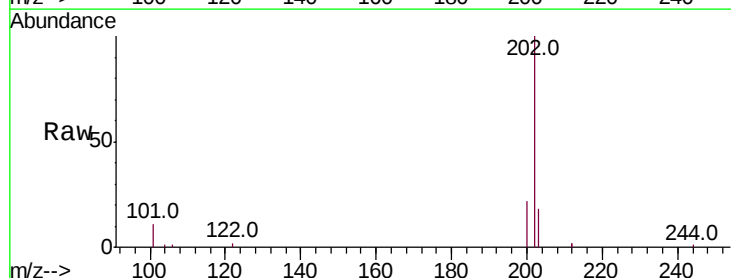
Tgt Ion:202 Resp: 8047

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

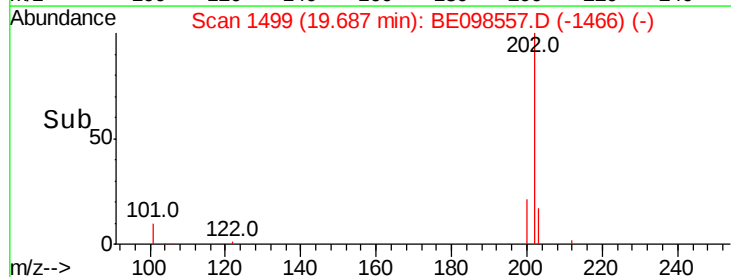
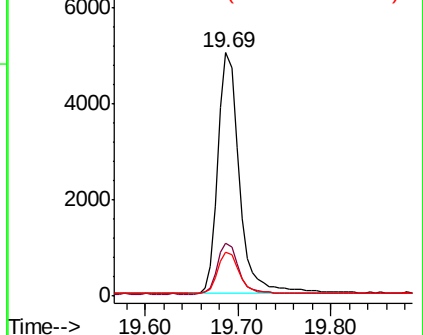
203 17.8 14.1 21.1



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: 0.311 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

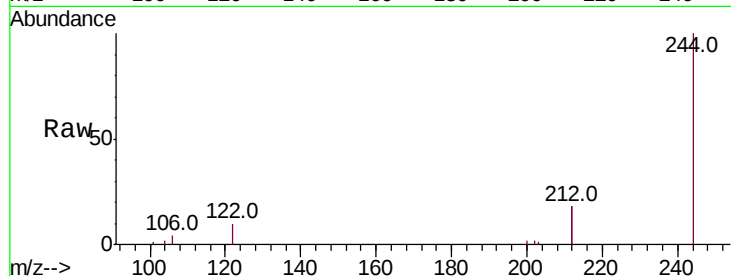
Tot Ion:244 Resp: 6226

Ion Ratio Lower Upper

244 100

212 36.8 27.4 41.0

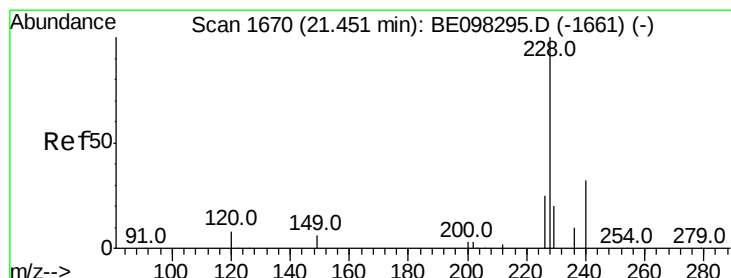
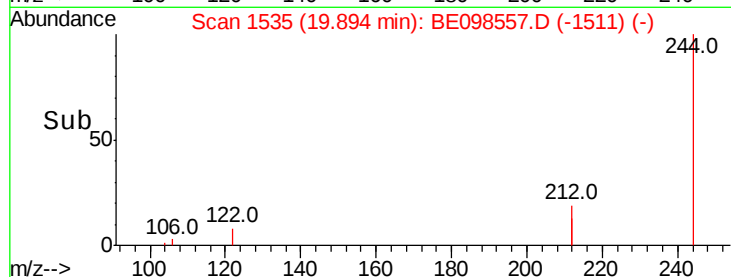
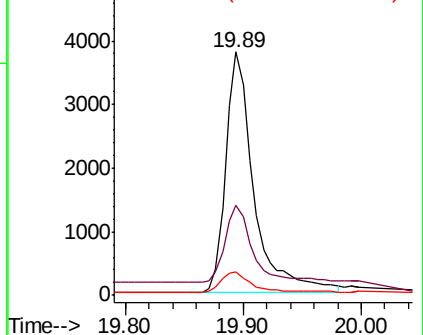
122 9.5 8.3 12.5



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: 0.335 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

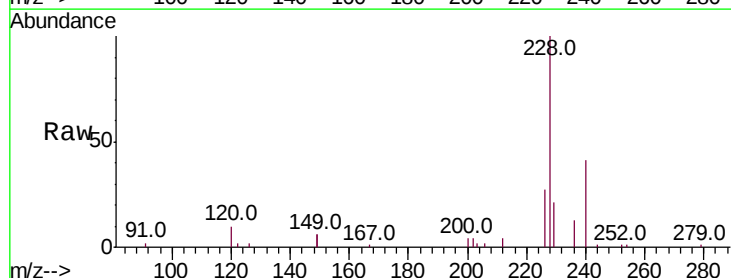
Tgt Ion:228 Resp: 7848

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

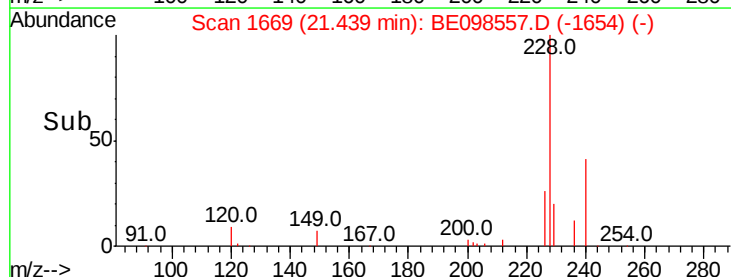
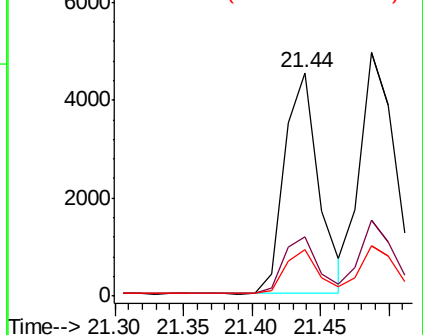
229 20.8 16.3 24.5



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: 0.356 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

Instrument :

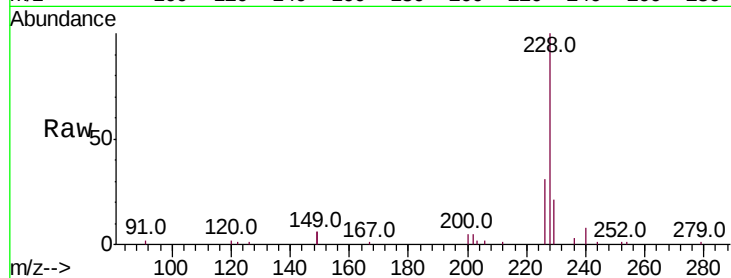
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 8741

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.0
229	20.6	16.2	24.4

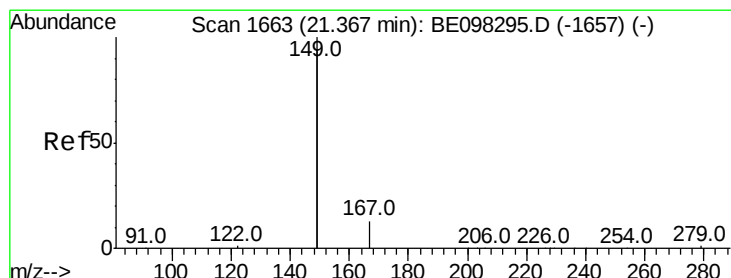
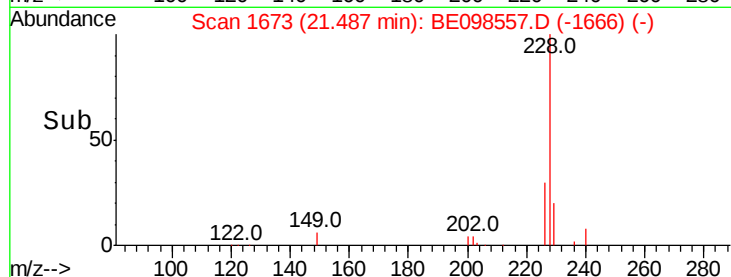
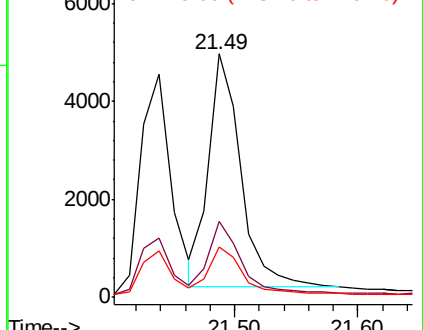


Abundance

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: 0.274 ng

RT: 21.35 min Scan# 1662

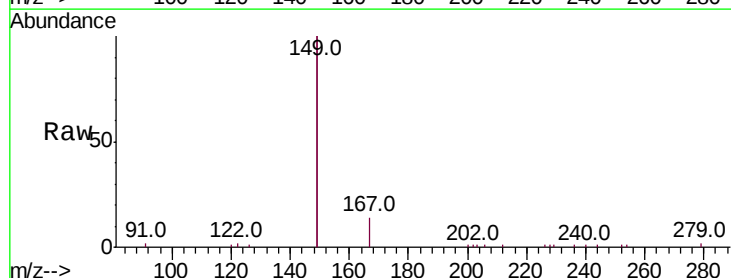
Delta R.T. -0.01 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

Tgt Ion:149 Resp: 13051

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.7	8.5
279	1.2	1.0	1.4

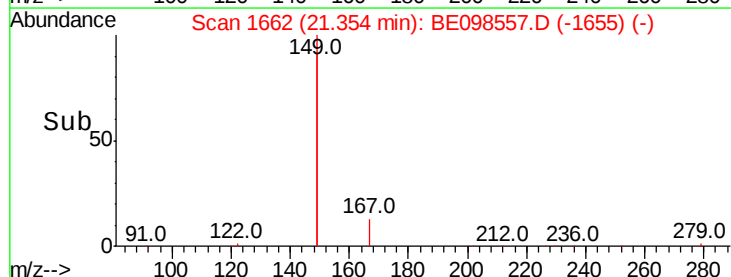
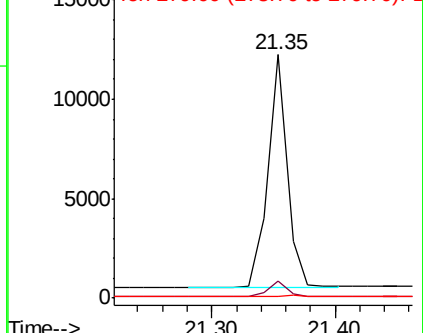


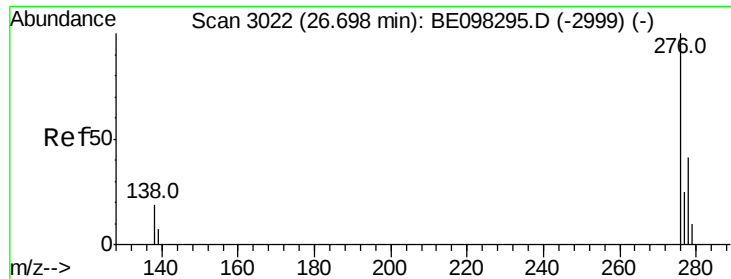
Abundance

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: 0.359 ng

RT: 26.67 min Scan# 3015

Delta R.T. -0.02 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

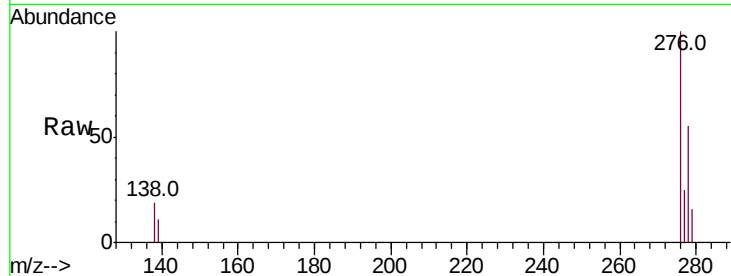
Tot Ion:276 Resp: 8757

Ion Ratio Lower Upper

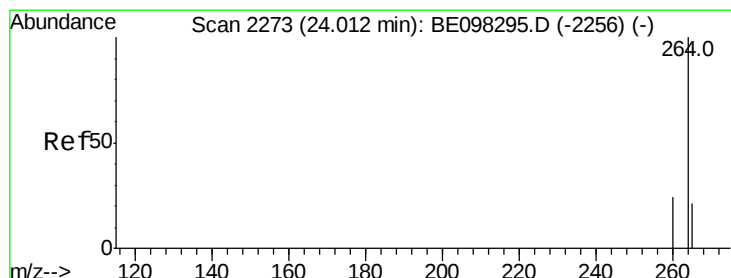
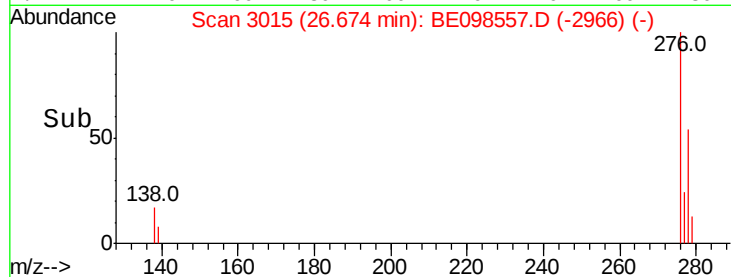
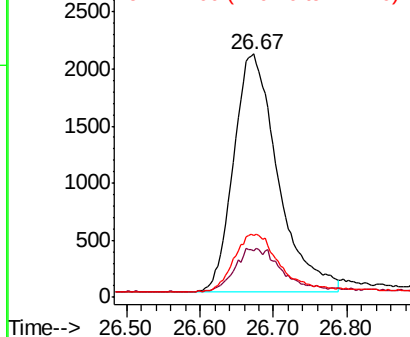
276 100

138 19.2 16.3 24.5

277 24.8 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: 23.99 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

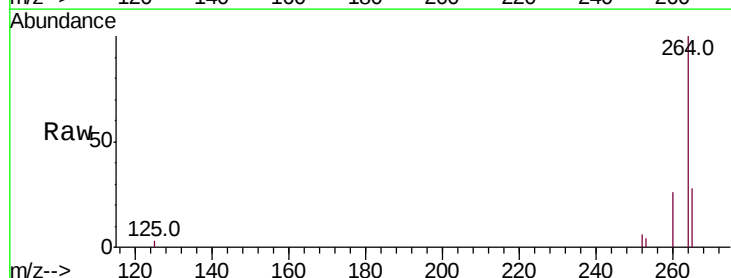
Tgt Ion:264 Resp: 7621

Ion Ratio Lower Upper

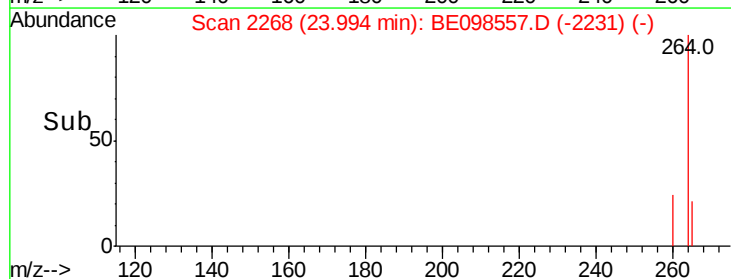
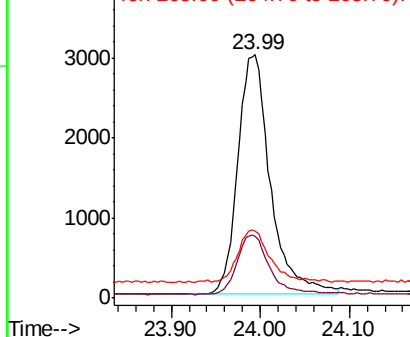
264 100

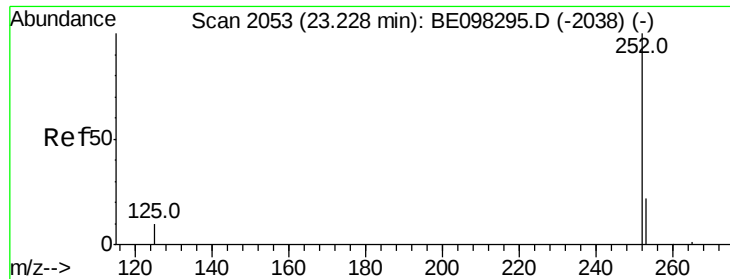
260 25.5 20.2 30.2

265 27.6 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: 0.368 ng

RT: 23.21 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

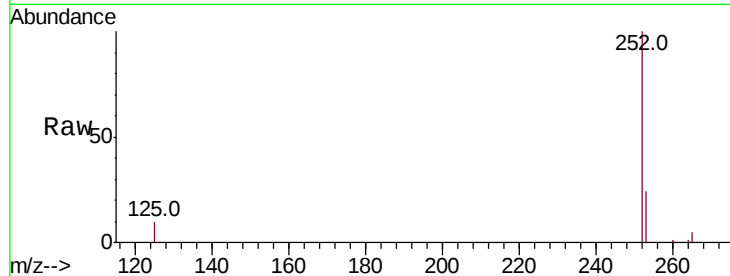
Tot Ion:252 Resp: 7662

Ion Ratio Lower Upper

252 100

253 24.3 20.0 30.0

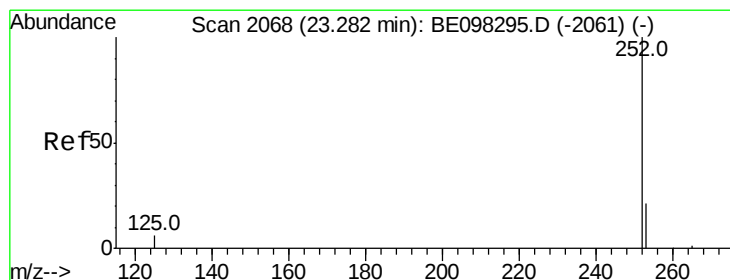
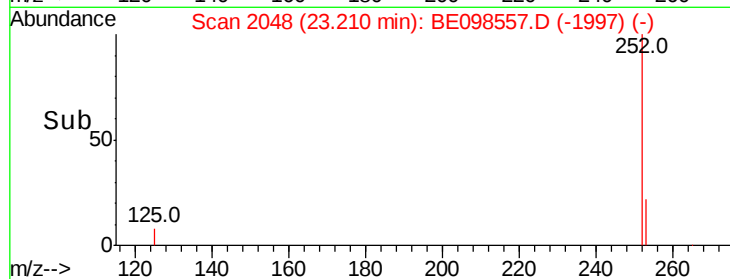
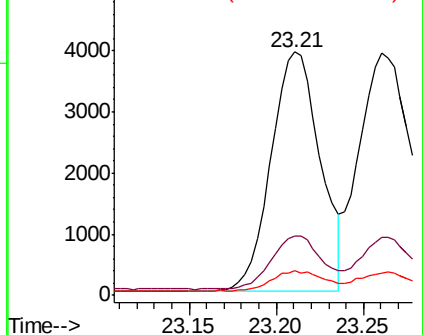
125 10.0 9.6 14.4



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: 0.391 ng

RT: 23.26 min Scan# 2062

Delta R.T. -0.02 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

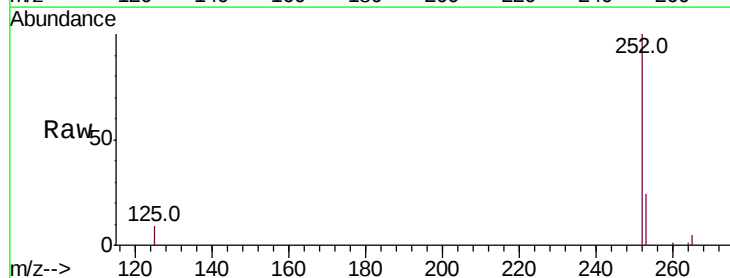
Tgt Ion:252 Resp: 9485

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.6

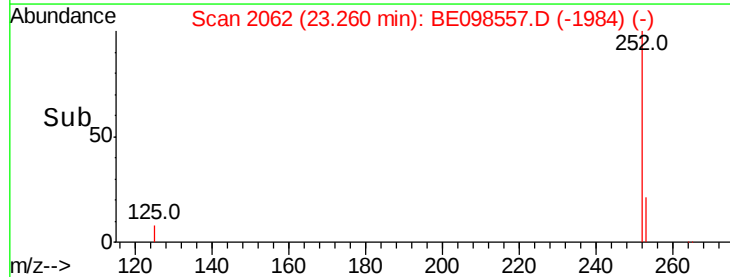
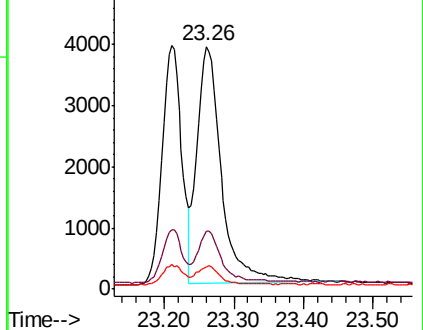
125 9.2 9.1 13.7

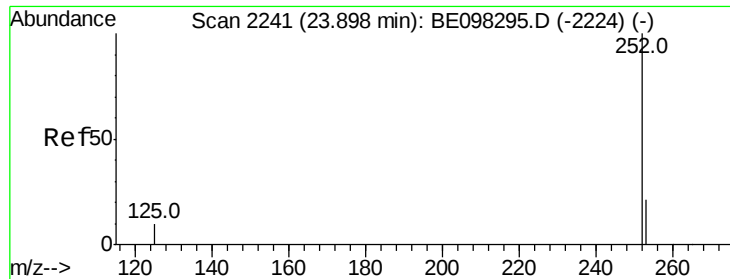


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.356 ng

RT: 23.88 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

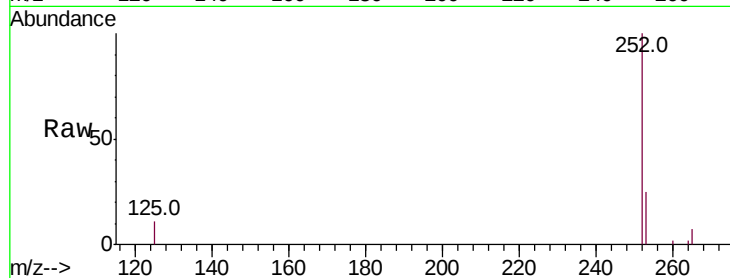
Tot Ion:252 Resp: 7658

Ion Ratio Lower Upper

252 100

253 24.8 20.6 30.8

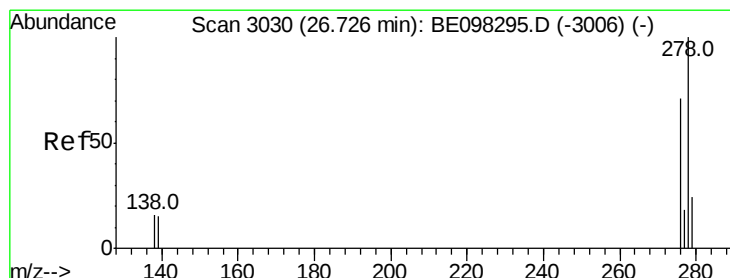
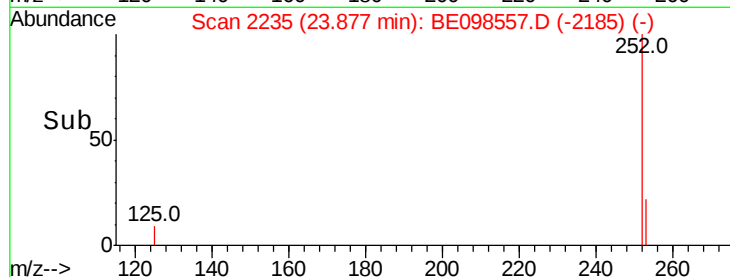
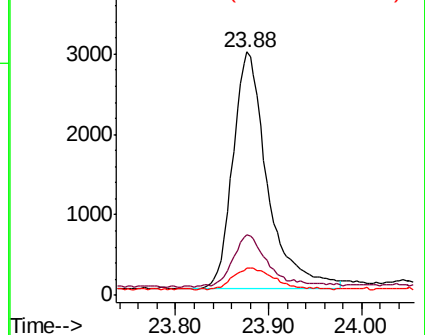
125 11.1 10.5 15.7



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: 0.370 ng

RT: 26.69 min Scan# 3020

Delta R.T. -0.03 min

Lab File: BE098557.D

Acq: 21 Dec 2018 18:24

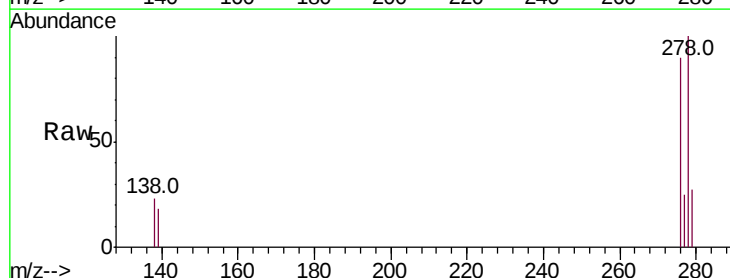
Tgt Ion:278 Resp: 7489

Ion Ratio Lower Upper

278 100

139 17.7 14.5 21.7

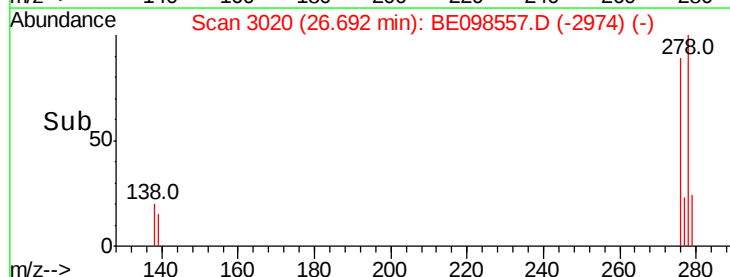
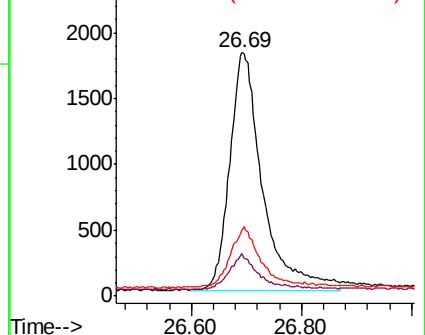
279 26.8 21.8 32.8



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(a,h,i)perylene

Concen: 0.375 ng

RT: 27.49 min Scan# 3244

Delta R.T. -0.03 min

Lab File: BE098557.D

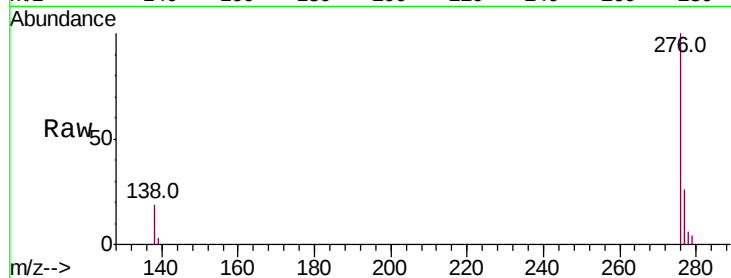
Acq: 21 Dec 2018 18:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tot Ion: 276 Resp: 7663

Ion Ratio Lower Upper

276 100

277 26.1 20.8 31.2

138 18.6 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

