

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010219\
 Data File : BE098600.D
 Acq On : 2 Jan 2019 9:44
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jan 02 10:34:04 2019
 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	7.80	152	960	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4419	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2879	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7095	0.40	ng	0.00
27) Chrysene-d12	21.41	240	8190	0.40	ng	0.01
34) Perylene-d12	23.93	264	7797	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	1063	0.47	ng	0.01
5) Phenol-d6	7.00	99	1667	0.52	ng	0.01
8) Nitrobenzene-d5	8.96	82	1672	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	3096	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	562	0.53	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	4773	0.39	ng	0.02
25) Fluoranthene-d10	19.26	212	37811	0.42	ng	0.00
29) Terphenyl-d14	19.85	244	7789	0.39	ng	0.00

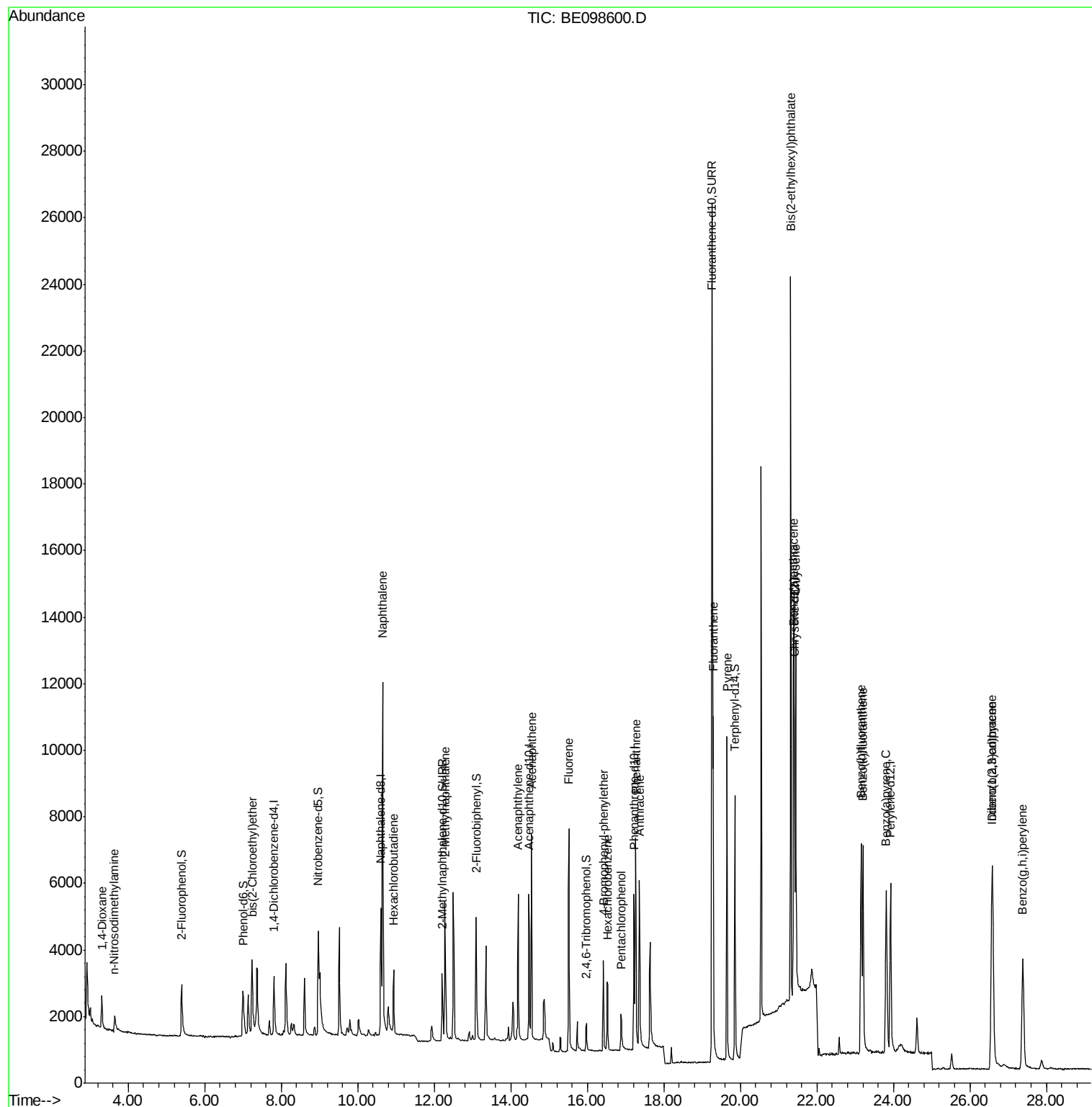
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	753	0.454	ng	89
3) n-Nitrosodimethylamine	3.63	42	628	0.420	ng	# 100
6) bis(2-Chloroethyl)ether	7.24	93	1175	0.389	ng	95
9) Naphthalene	10.65	128	18657	0.420	ng	99
10) Hexachlorobutadiene	10.94	225	1289	0.455	ng	97
12) 2-Methylnaphthalene	12.28	142	3038	0.420	ng	96
16) Acenaphthylene	14.20	152	5146	0.382	ng	99
17) Acenaphthene	14.54	154	3360	0.415	ng	99
18) Fluorene	15.52	166	4398	0.406	ng	100
20) 4-Bromophenyl-phenylether	16.42	248	1601	0.419	ng	# 83
21) Hexachlorobenzene	16.53	284	1838	0.448	ng	98
22) Pentachlorophenol	16.88	266	815	1.021	ng	90
23) Phenanthrene	17.27	178	7162	0.415	ng	100
24) Anthracene	17.36	178	6139	0.399	ng	100
26) Fluoranthene	19.29	202	9163	0.402	ng	98
28) Pyrene	19.65	202	9732	0.379	ng	99
30) Benzo(a)anthracene	21.39	228	9895	0.424	ng	99
31) Chrysene	21.45	228	9610	0.393	ng	98
32) Bis(2-ethylhexyl)phthalate	21.32	149	23249	0.491	ng	100
33) Indeno(1,2,3-cd)pyrene	26.57	276	10045	0.413	ng	97
35) Benzo(b)fluoranthene	23.15	252	9095	0.427	ng	98
36) Benzo(k)fluoranthene	23.20	252	9890	0.398	ng	97
37) Benzo(a)pyrene	23.81	252	8976	0.408	ng	99
38) Dibenzo(a,h)anthracene	26.59	278	8022	0.387	ng	# 96
39) Benzo(g,h,i)perylene	27.38	276	8466	0.405	ng	98

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

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QLast Update : Mon Dec 10 14:59:55 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

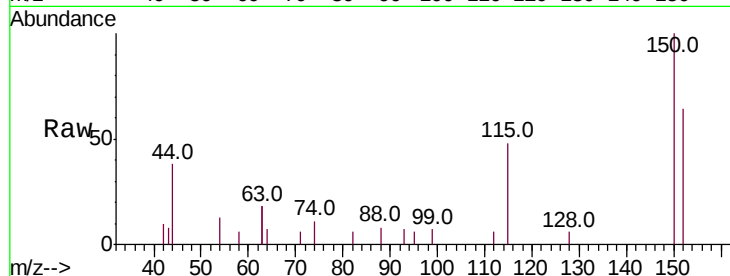
Tot Ion:152 Resp: 960

Ion Ratio Lower Upper

152 100

150 157.4 124.2 186.4

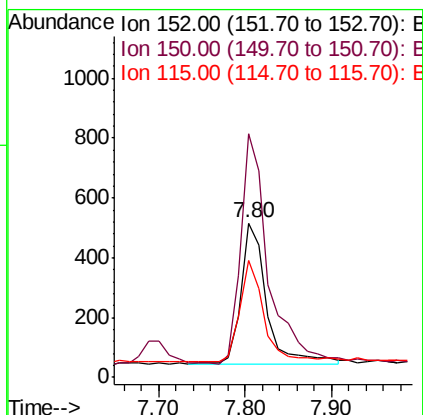
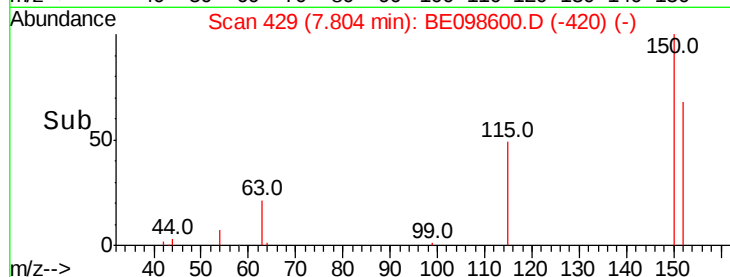
115 75.4 53.9 80.9



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: 0.454 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

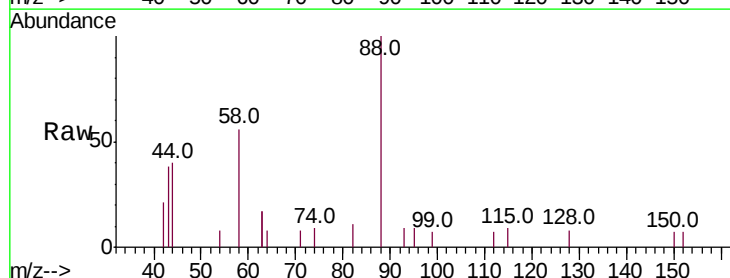
Tgt Ion: 88 Resp: 753

Ion Ratio Lower Upper

88 100

58 81.3 75.0 112.6

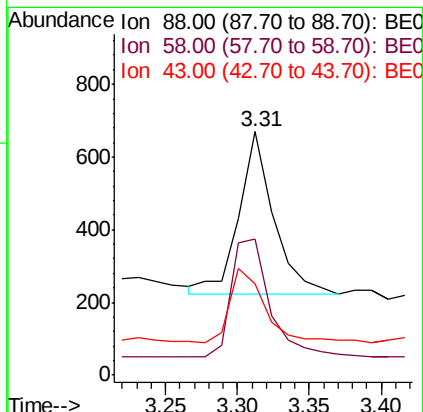
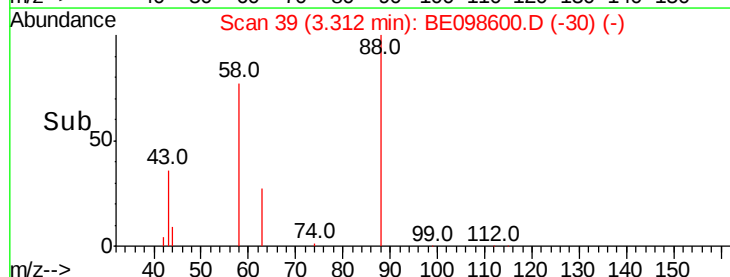
43 43.6 38.3 57.5



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



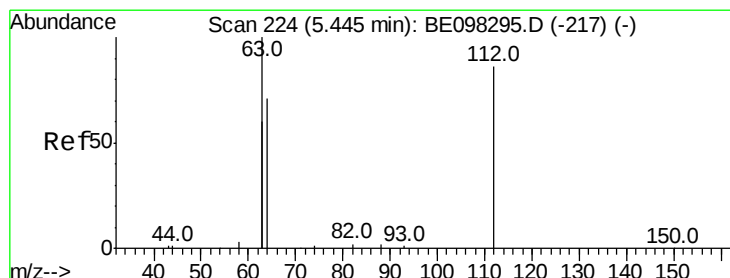
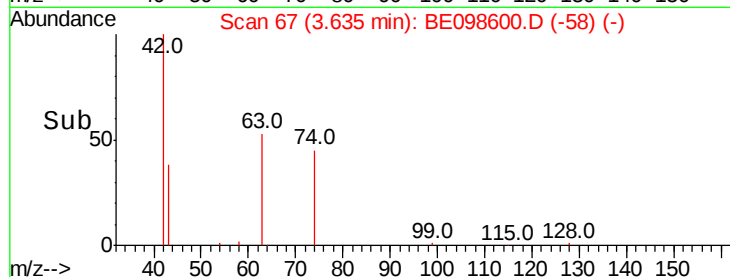
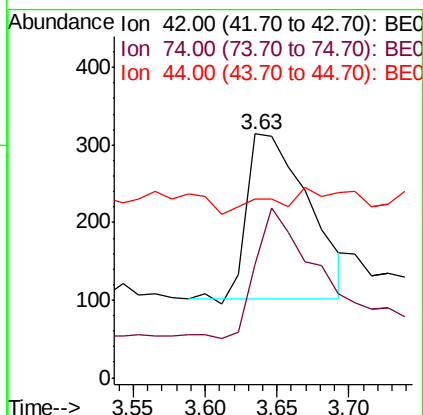
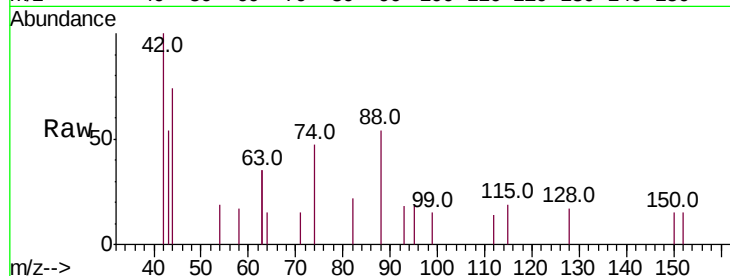


#3

n-Nitrosodimethylamine
Concen: 0.420 ng
RT: 3.63 min Scan# 67
Delta R.T. 0.00 min
Lab File: BE098600.D
Acq: 2 Jan 2019 9:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

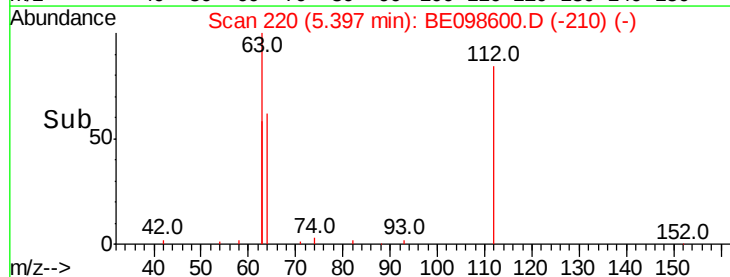
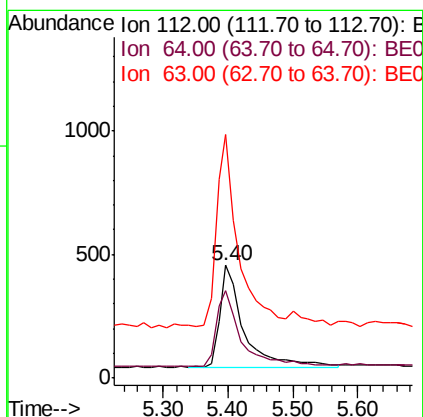
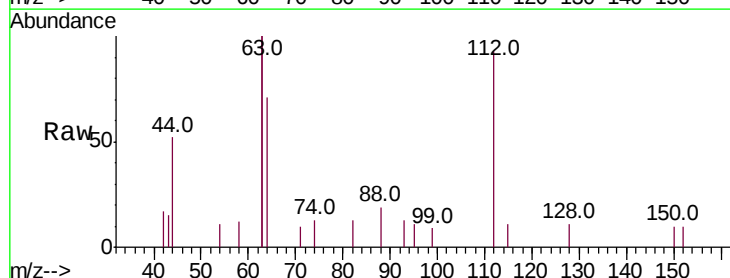
Tot Ion: 42 Resp: 628
Ion Ratio Lower Upper
42 100
74 72.3 0.0 0.0#
44 0.0 0.0 0.0



#4

2-Fluorophenol
Concen: 0.473 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098600.D
Acq: 2 Jan 2019 9:44

Tgt Ion: 112 Resp: 1063
Ion Ratio Lower Upper
112 100
64 76.8 59.8 89.8
63 170.1 133.7 200.5





#5

Phenol-d6

Concen: 0.524 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

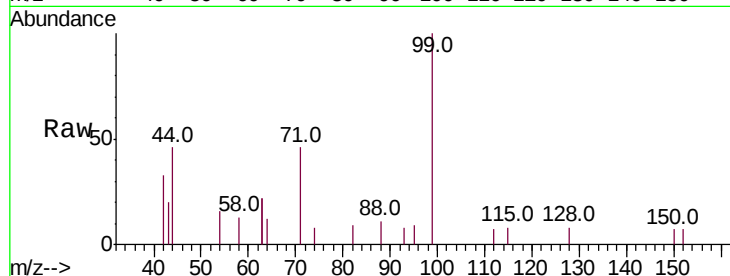
Tot Ion: 99 Resp: 1667

Ion Ratio Lower Upper

99 100

42 32.8 26.3 39.5

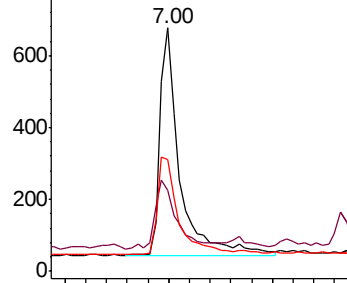
71 44.8 33.6 50.4



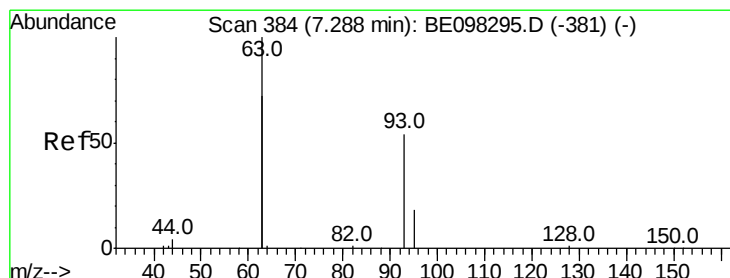
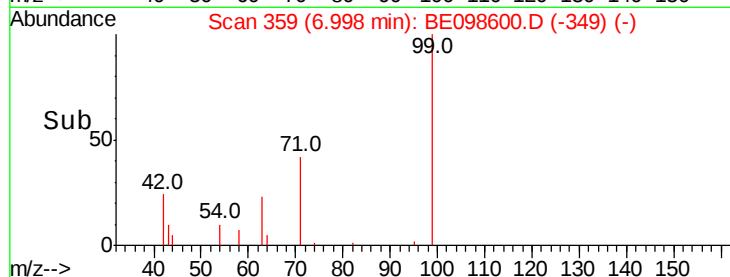
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.80 7.00 7.20



#6

bis(2-Chloroethyl)ether

Concen: 0.389 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

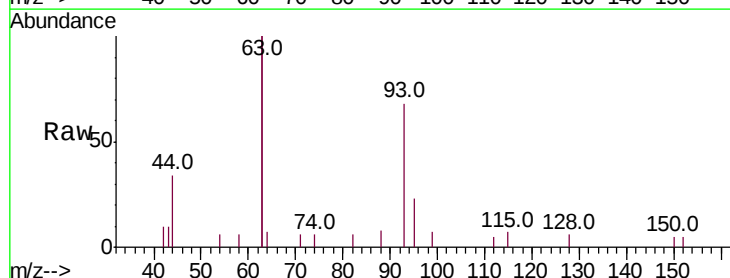
Tgt Ion: 93 Resp: 1175

Ion Ratio Lower Upper

93 100

63 341.7 264.4 396.6

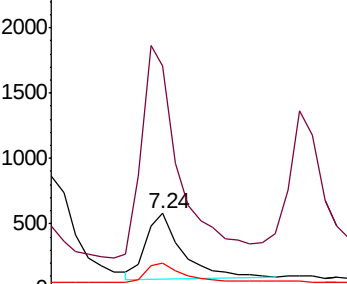
95 32.8 26.6 40.0



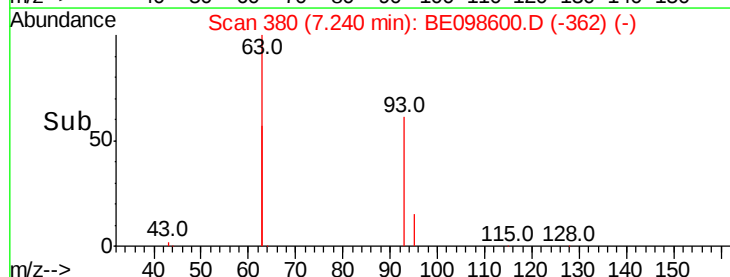
Abundance Ion 93.00 (92.70 to 93.70): BE0

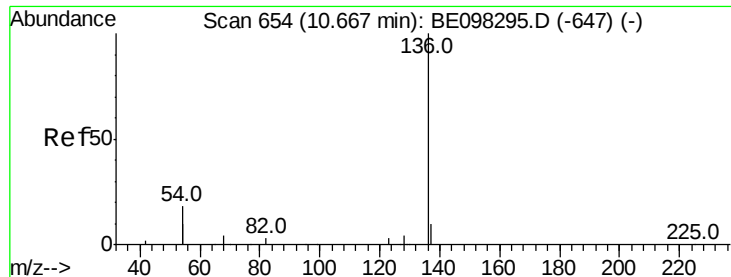
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.20 7.30





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 4419

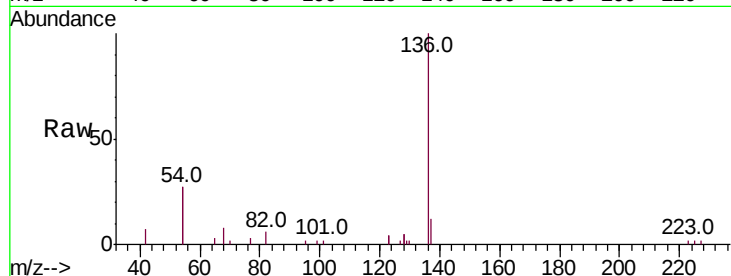
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 53.2 28.4 42.6#

68 7.6 5.4 8.0

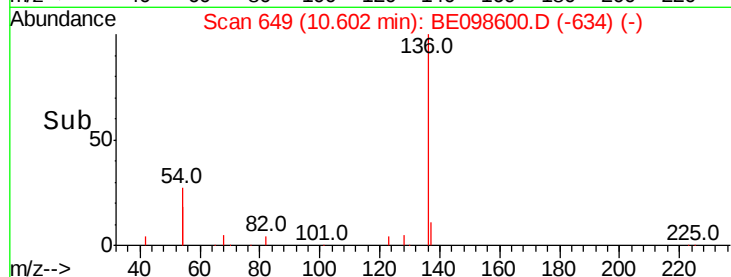


Abundance Ion 136.00 (135.70 to 136.70): E

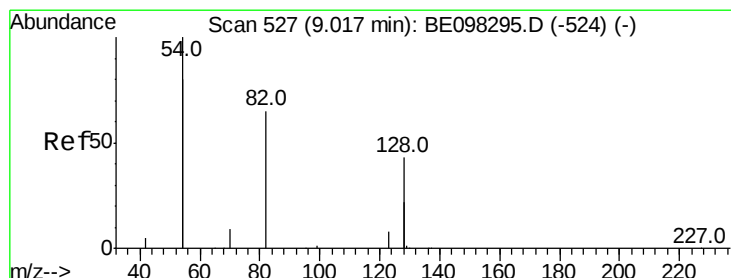
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.416 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

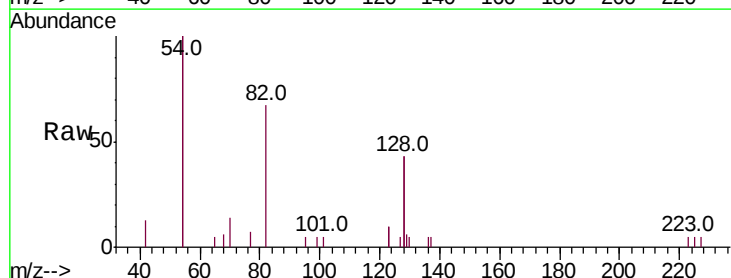
Tgt Ion: 82 Resp: 1672

Ion Ratio Lower Upper

82 100

128 129.4 102.4 153.6

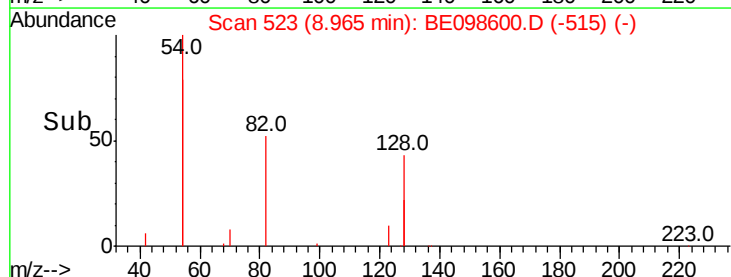
54 299.7 221.8 332.8



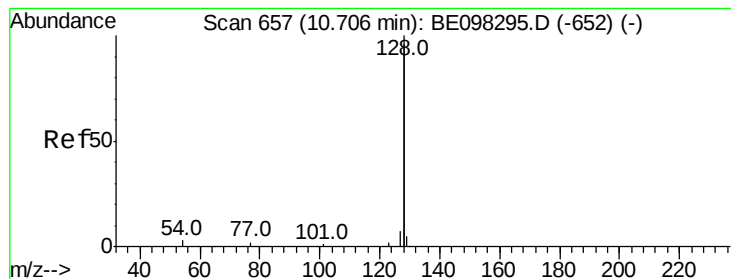
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.420 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

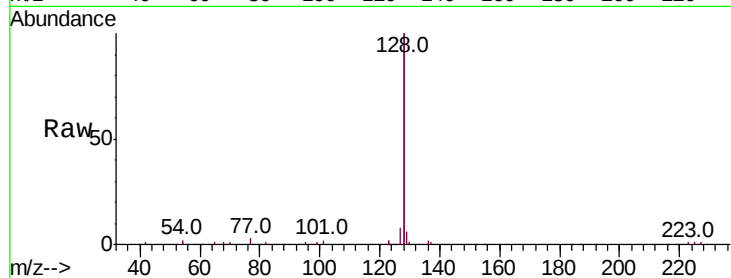
Tot Ion:128 Resp: 18657

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

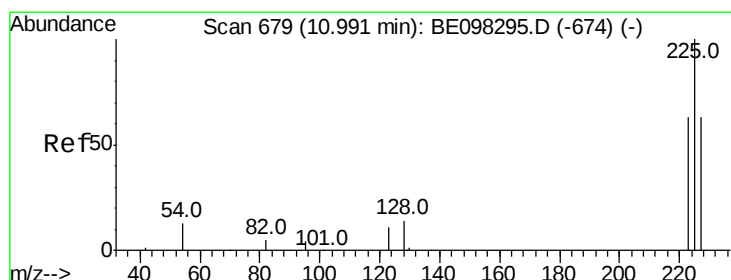
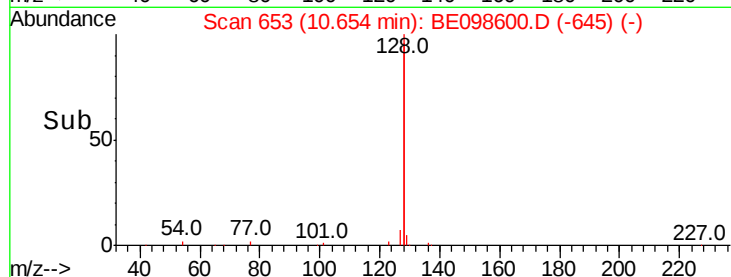
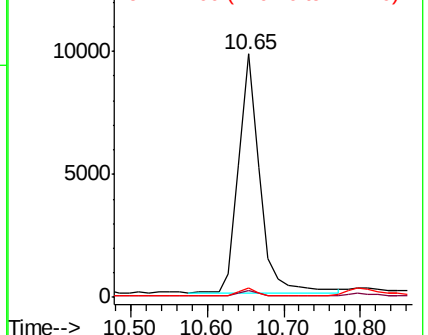
127 3.8 2.7 4.1



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: 0.455 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

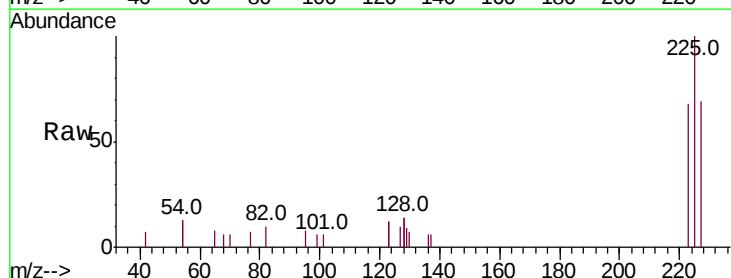
Tgt Ion:225 Resp: 1289

Ion Ratio Lower Upper

225 100

223 65.9 49.4 74.0

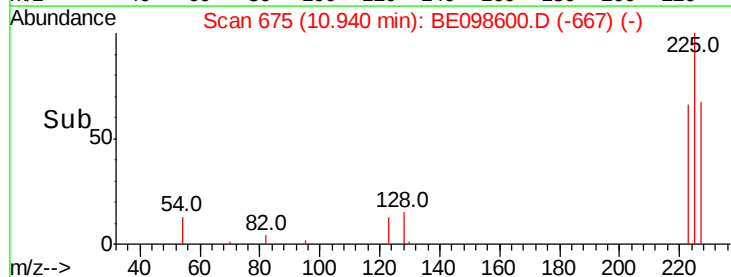
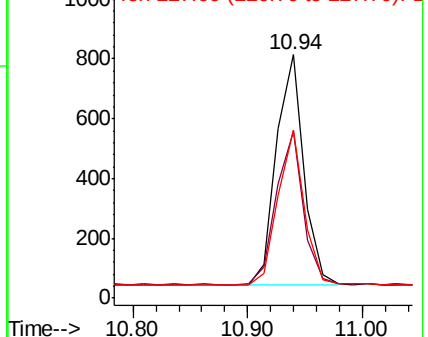
227 65.2 52.0 78.0

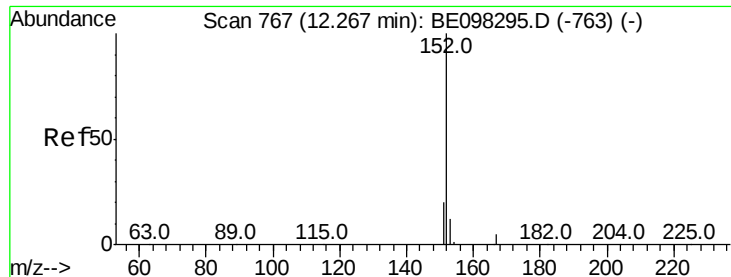


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

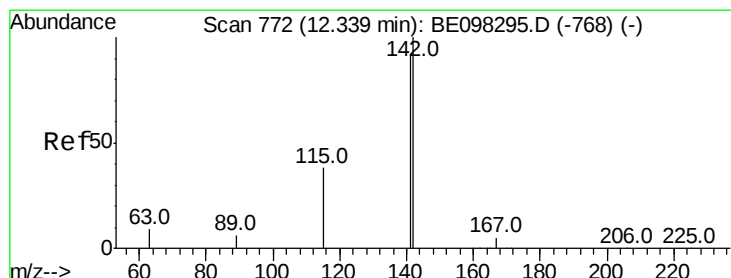
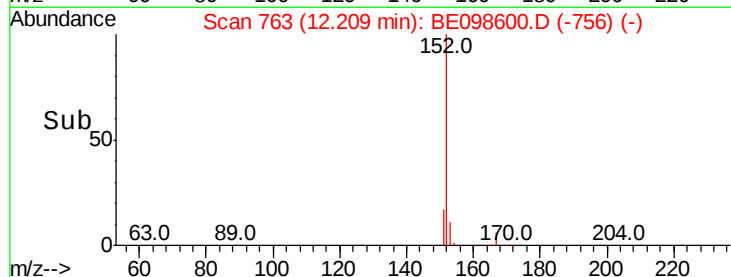
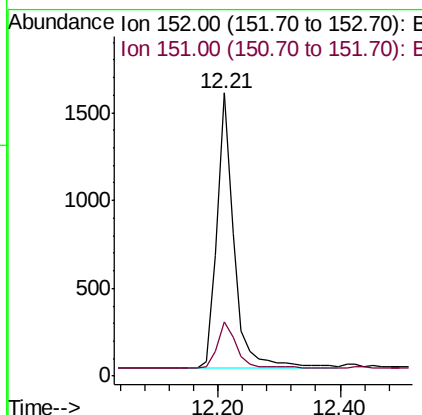
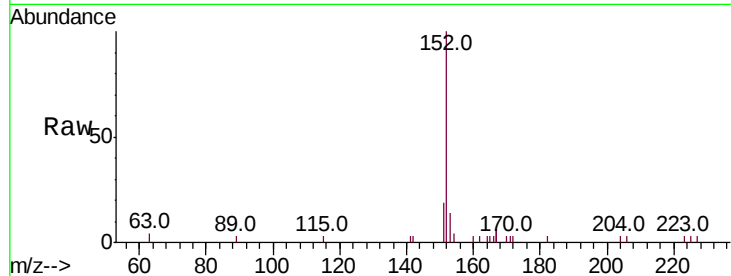




#11
 2-Methylnaphthalene-d10
 Concen: 0.431 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE098600.D
 Acq: 2 Jan 2019 9:44

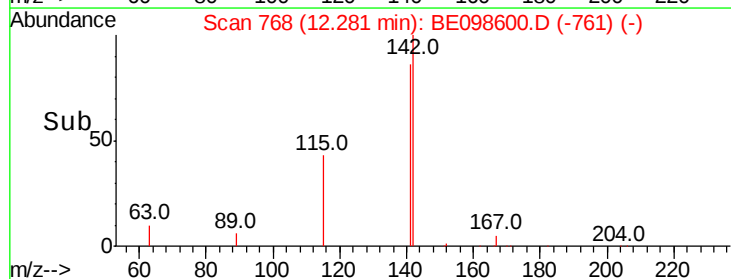
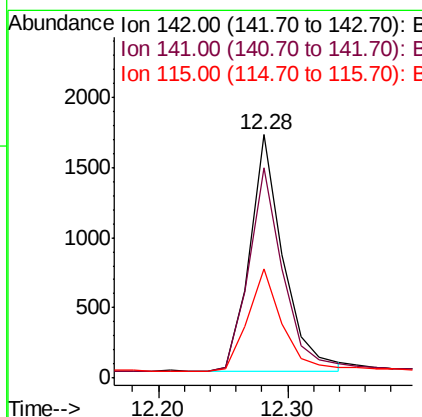
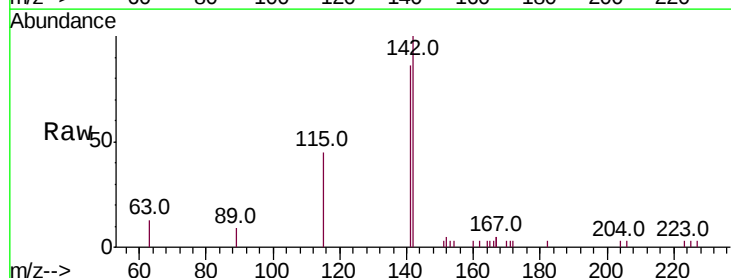
Instrument :
 BNA_E
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 SSTDCCC0.4

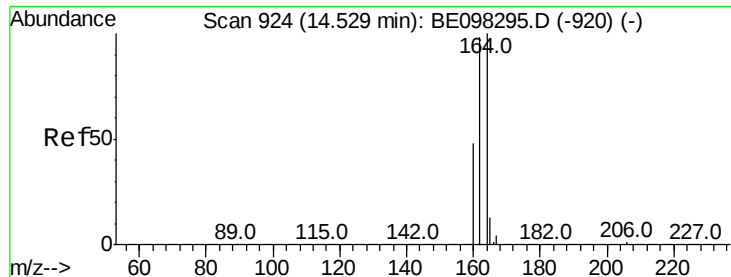
Tot Ion:152 Resp: 3096
 Ion Ratio Lower Upper
 152 100
 151 18.9 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.420 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE098600.D
 Acq: 2 Jan 2019 9:44

Tgt Ion:142 Resp: 3038
 Ion Ratio Lower Upper
 142 100
 141 86.2 71.0 106.6
 115 45.0 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

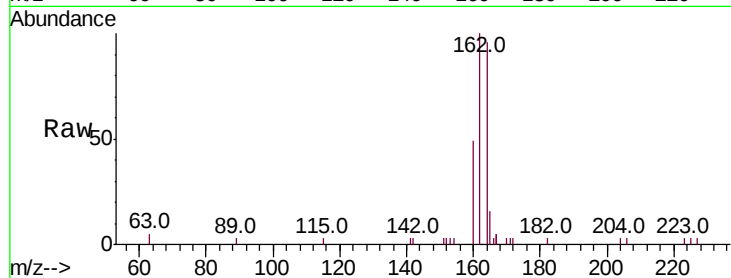
Tot Ion:164 Resp: 2879

Ion Ratio Lower Upper

164 100

162 104.5 77.6 116.4

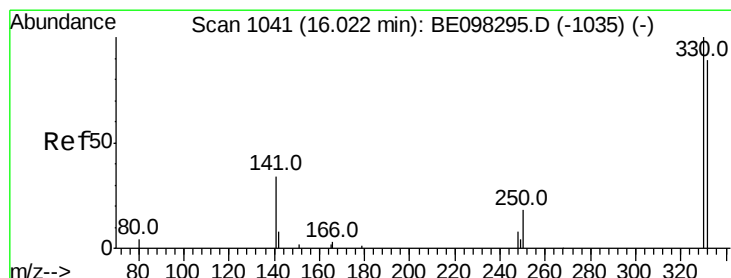
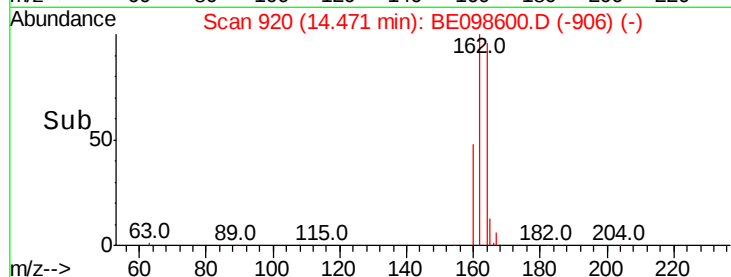
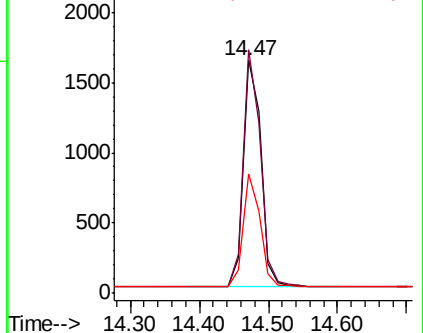
160 51.2 36.0 54.0



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: 0.532 ng

RT: 15.98 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

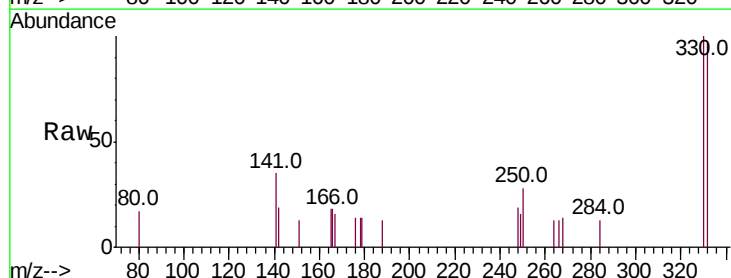
Tgt Ion:330 Resp: 562

Ion Ratio Lower Upper

330 100

332 95.4 76.2 114.4

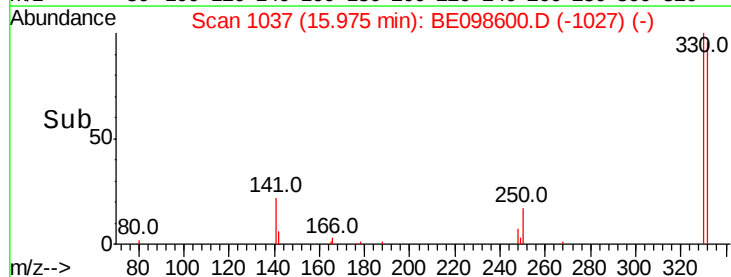
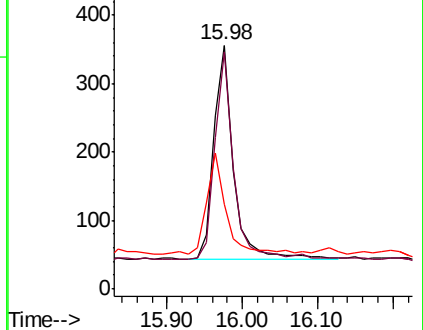
141 49.1 39.0 58.4

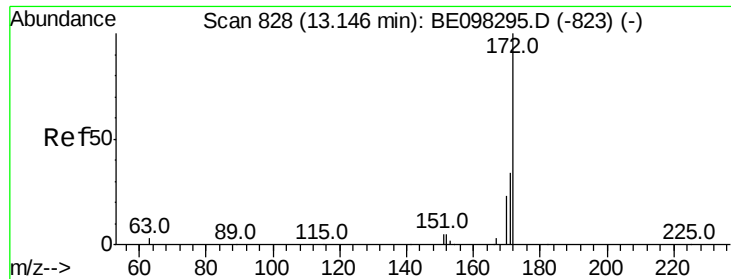


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

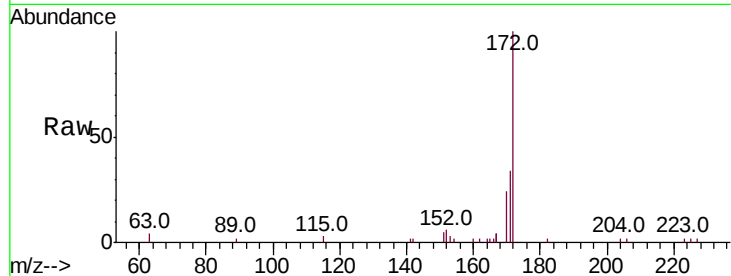




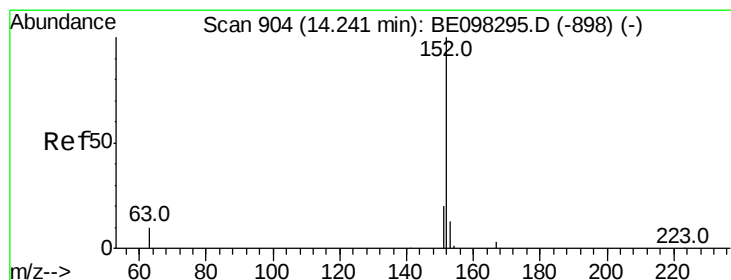
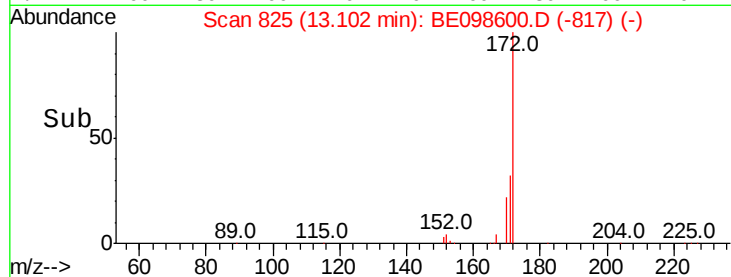
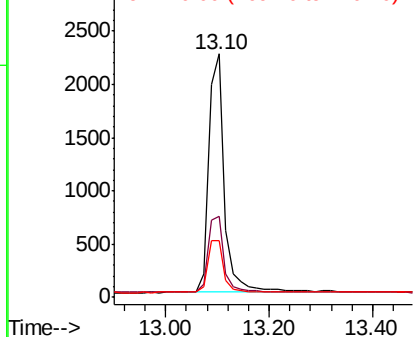
#15
 2-Fluorobiphenyl
 Concen: 0.393 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.02 min
 Lab File: BE098600.D
 Acq: 2 Jan 2019 9:44

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:172 Resp: 4773
 Ion Ratio Lower Upper
 172 100
 171 33.5 27.5 41.3
 170 23.5 19.6 29.4

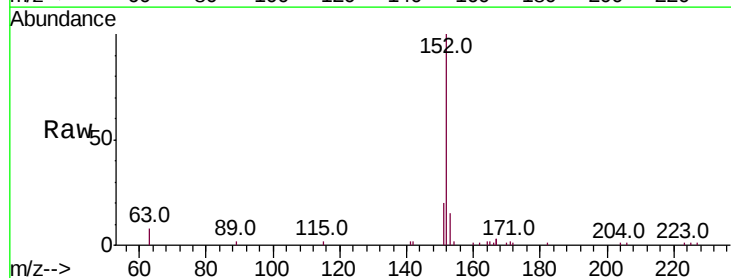


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

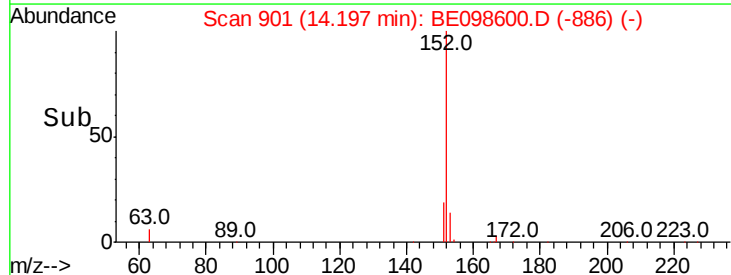
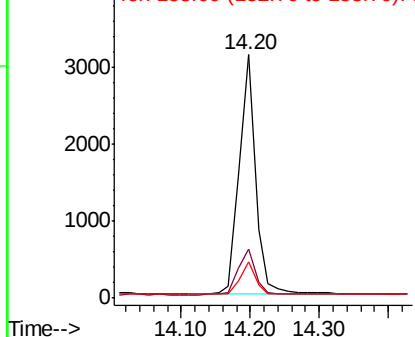


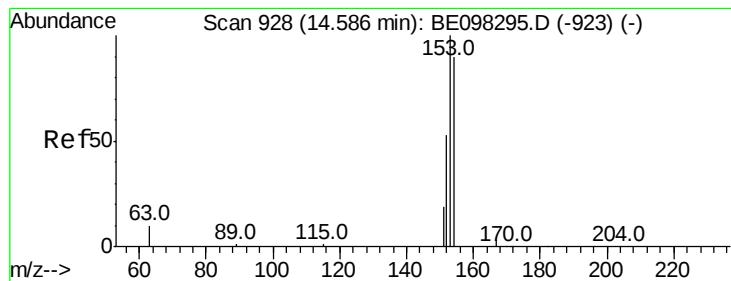
#16
 Acenaphthylene
 Concen: 0.382 ng
 RT: 14.20 min Scan# 901
 Delta R.T. 0.02 min
 Lab File: BE098600.D
 Acq: 2 Jan 2019 9:44

Tgt Ion:152 Resp: 5146
 Ion Ratio Lower Upper
 152 100
 151 20.4 15.5 23.3
 153 13.2 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: 0.415 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.02 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

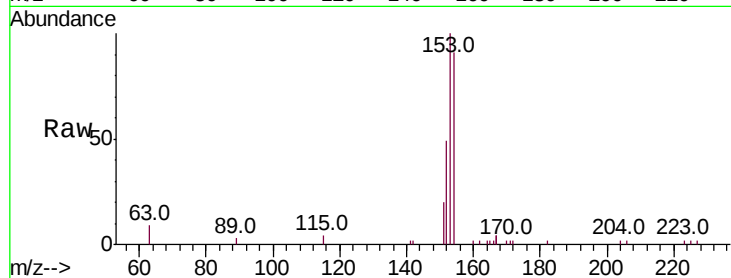
Tot Ion:154 Resp: 3360

Ion Ratio Lower Upper

154 100

153 114.2 91.8 137.6

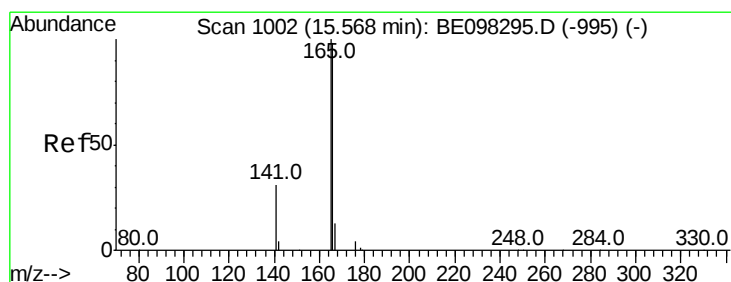
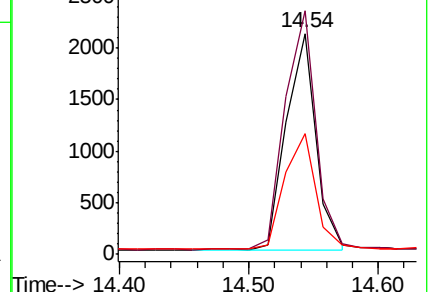
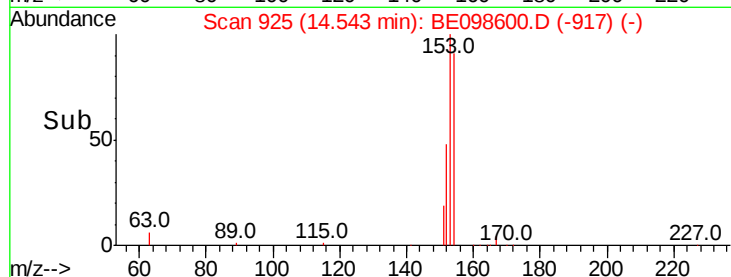
152 55.4 45.5 68.3



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: 0.406 ng

RT: 15.52 min Scan# 998

Delta R.T. 0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

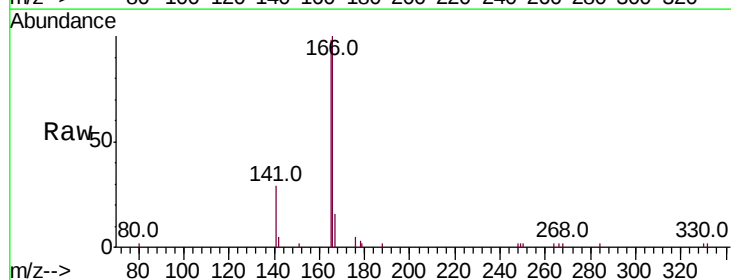
Tgt Ion:166 Resp: 4398

Ion Ratio Lower Upper

166 100

165 99.4 79.3 118.9

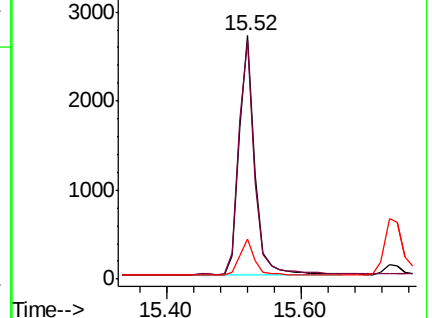
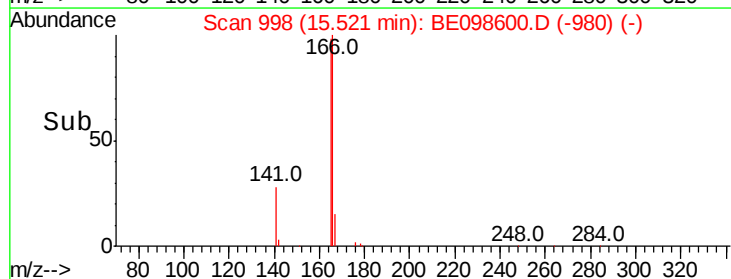
167 14.3 11.3 16.9

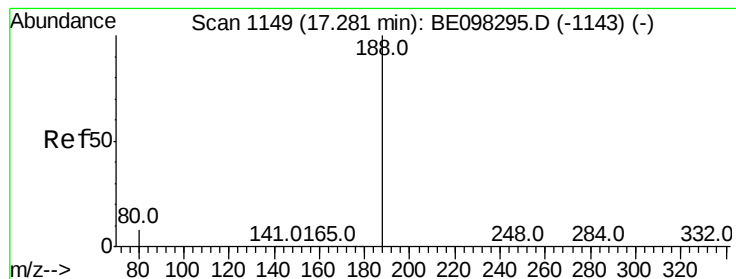


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.22 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

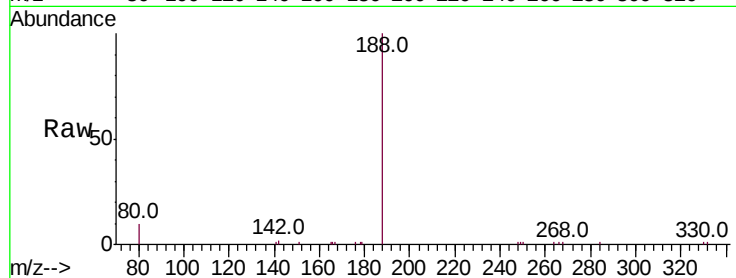
Tot Ion:188 Resp: 7095

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

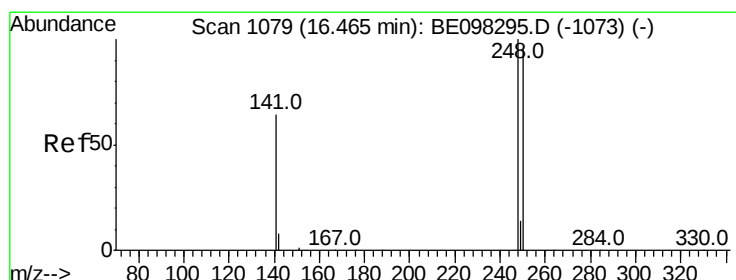
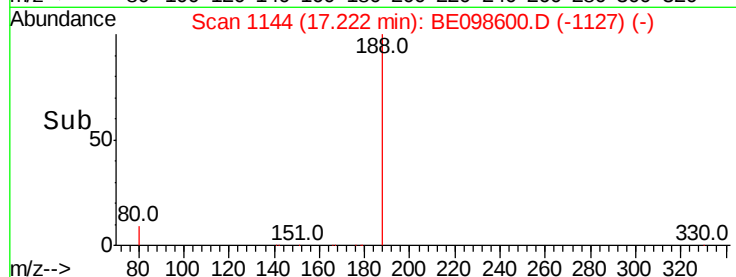
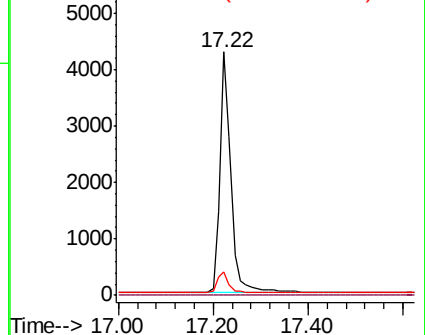
80 9.8 7.2 10.8



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: 0.419 ng

RT: 16.42 min Scan# 1075

Delta R.T. 0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

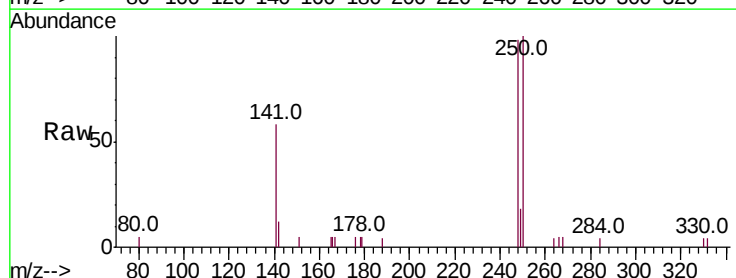
Tgt Ion:248 Resp: 1601

Ion Ratio Lower Upper

248 100

250 102.4 71.0 106.6

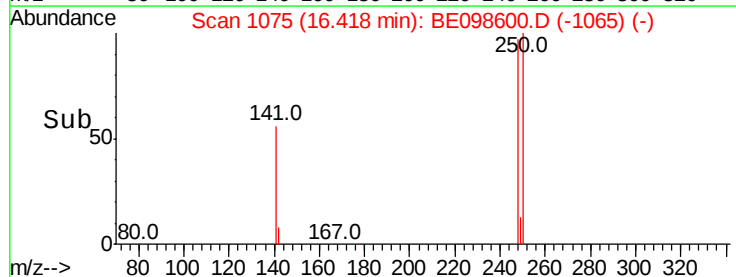
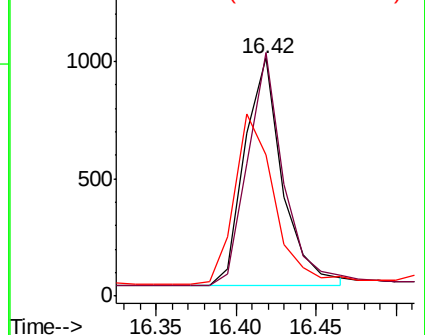
141 59.6 62.1 93.1#



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: 0.448 ng

RT: 16.53 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

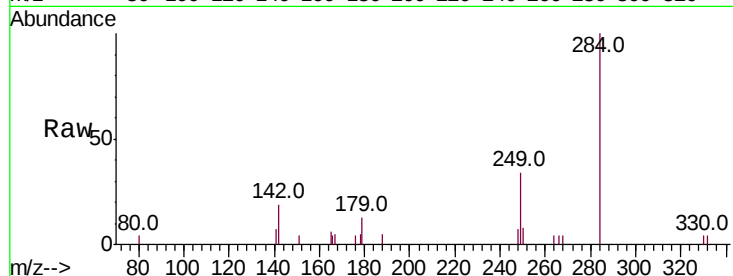
Tot Ion:284 Resp: 1838

Ion Ratio Lower Upper

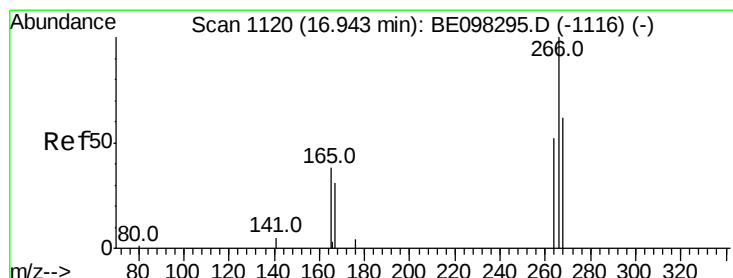
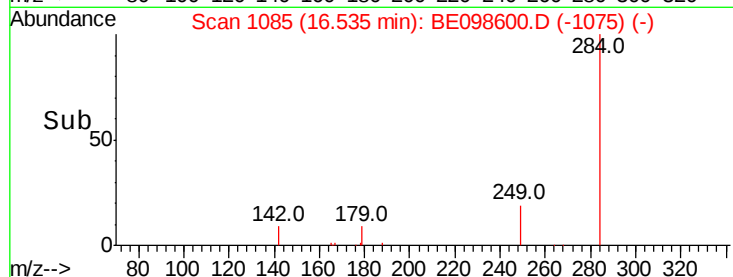
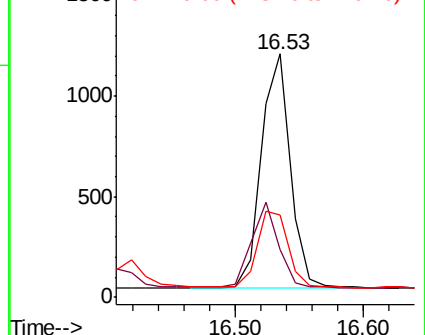
284 100

142 33.2 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: 1.021 ng

RT: 16.88 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

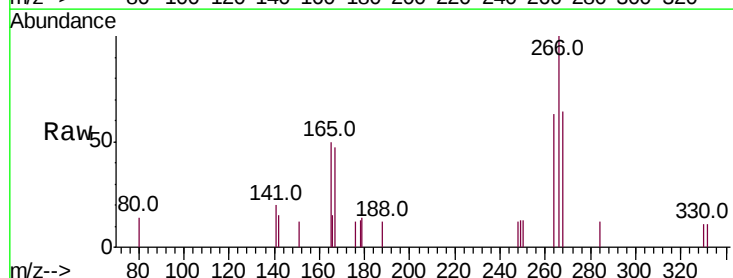
Tgt Ion:266 Resp: 815

Ion Ratio Lower Upper

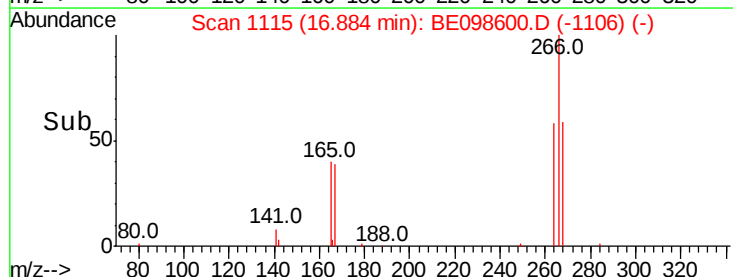
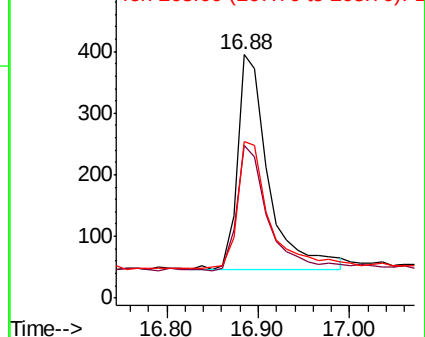
266 100

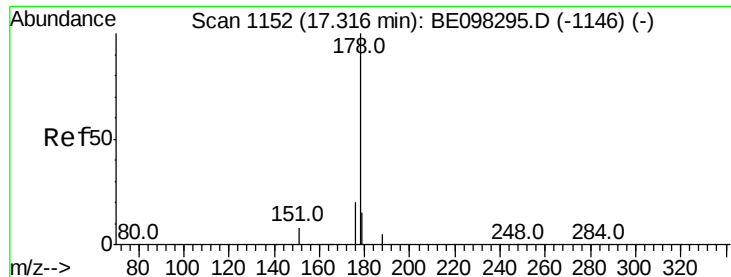
264 62.8 59.0 88.4

268 64.1 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: 0.415 ng

RT: 17.27 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

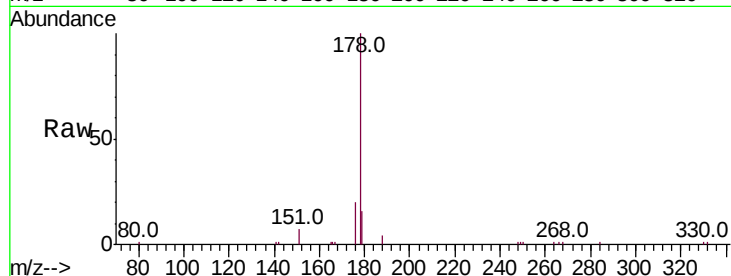
Tot Ion:178 Resp: 7162

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

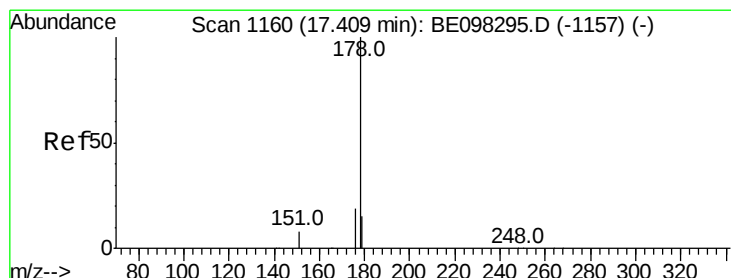
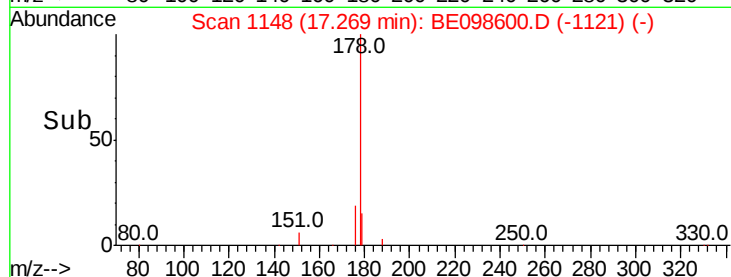
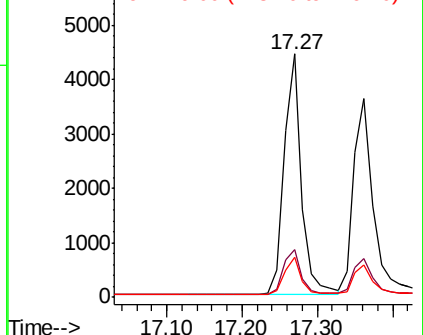
179 15.3 12.3 18.5



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: 0.399 ng

RT: 17.36 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

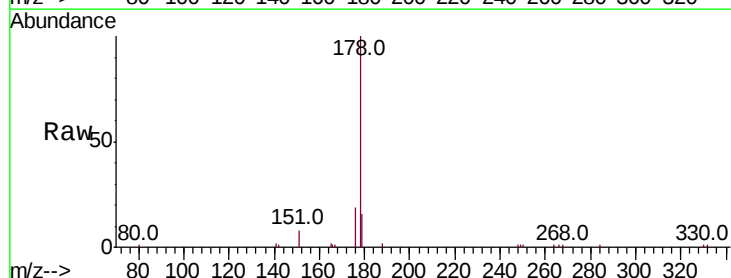
Tgt Ion:178 Resp: 6139

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

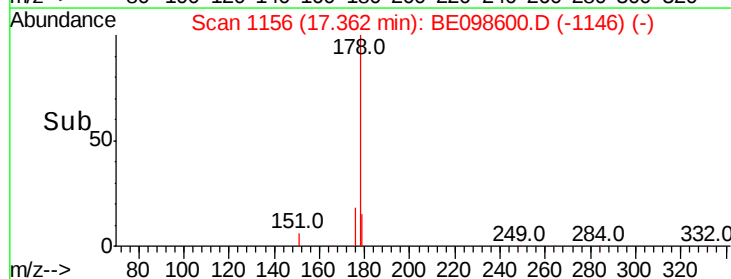
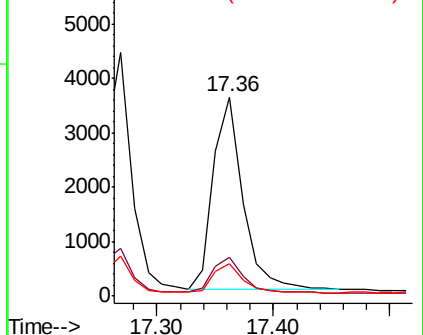
179 15.3 12.3 18.5



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: 0.415 ng

RT: 19.26 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

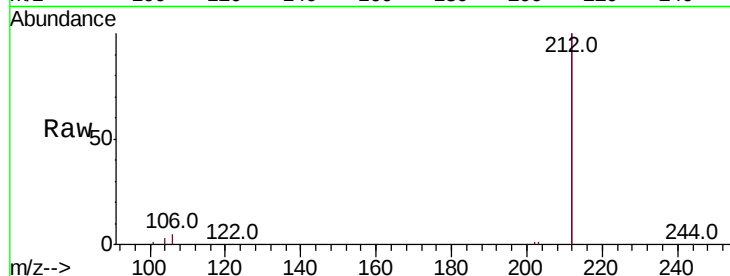
Tot Ion:212 Resp: 37811

Ion Ratio Lower Upper

212 100

106 2.2 2.2 3.2

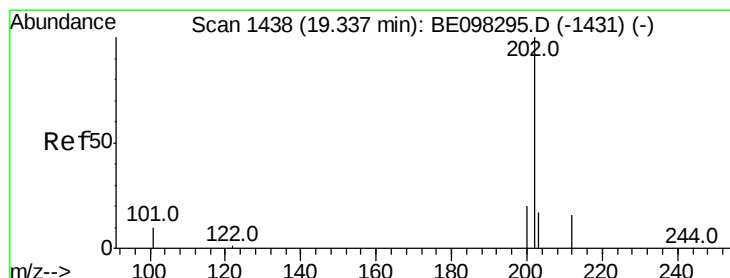
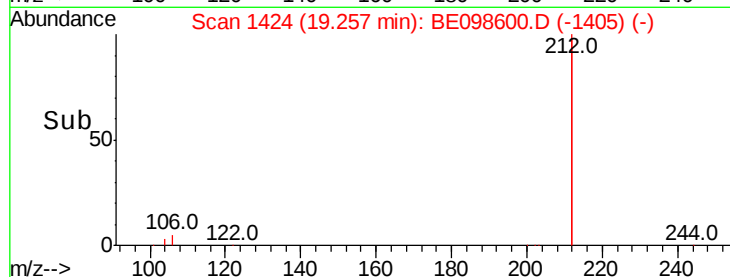
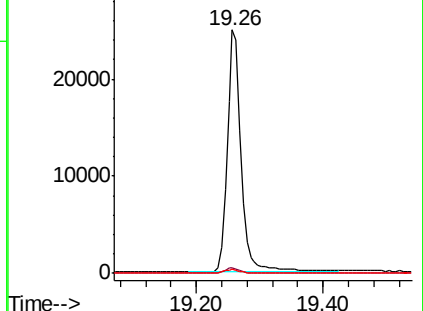
104 1.3 1.3 1.9#



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: 0.402 ng

RT: 19.29 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

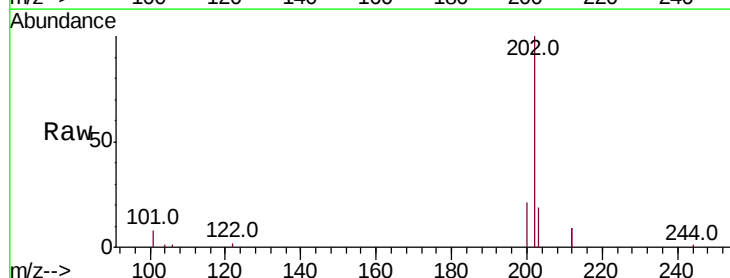
Tgt Ion:202 Resp: 9163

Ion Ratio Lower Upper

202 100

101 8.7 8.0 12.0

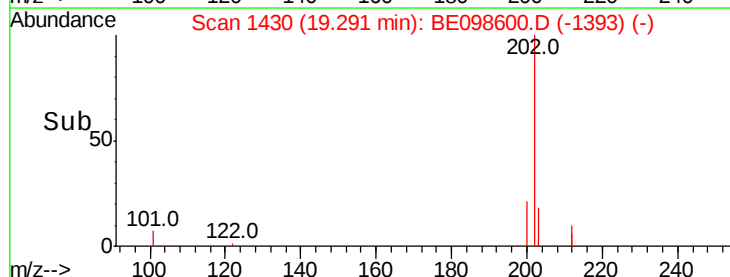
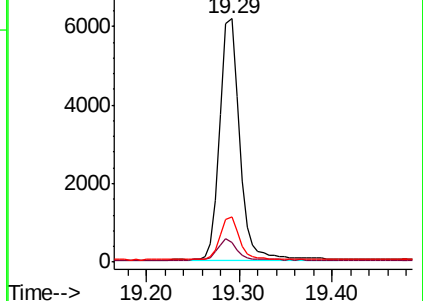
203 16.7 13.8 20.6



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: 21.41 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

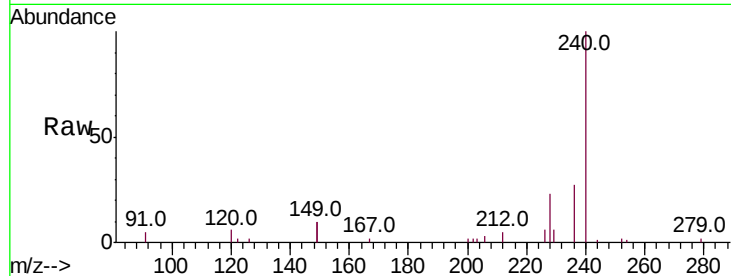
Tot Ion:240 Resp: 8190

Ion Ratio Lower Upper

240 100

120 5.8 9.5 14.3#

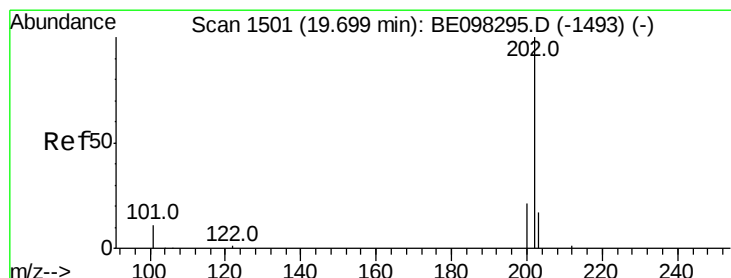
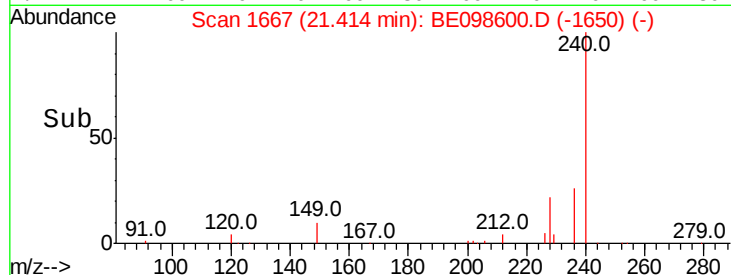
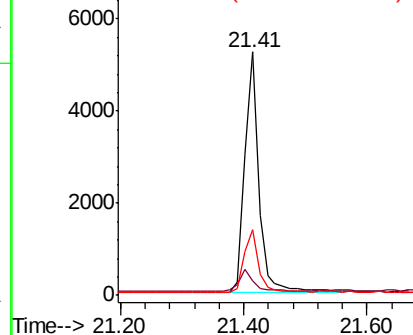
236 27.1 22.7 34.1



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: 0.379 ng

RT: 19.65 min Scan# 1493

Delta R.T. 0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

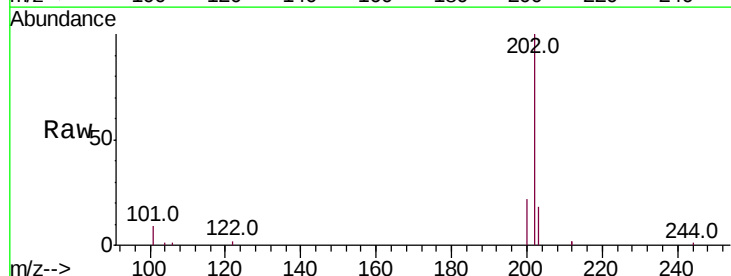
Tgt Ion:202 Resp: 9732

Ion Ratio Lower Upper

202 100

200 21.8 16.7 25.1

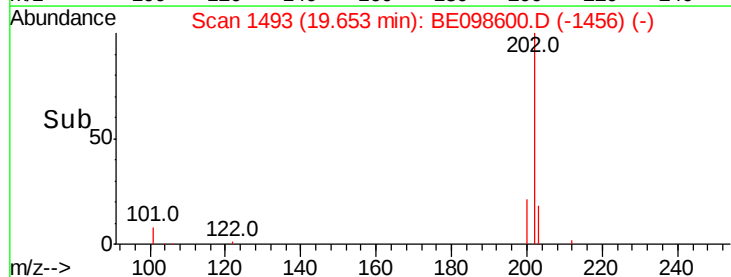
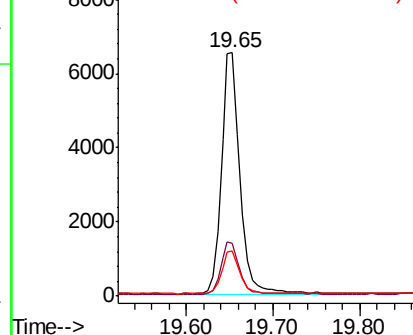
203 17.8 14.1 21.1



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: 0.391 ng

RT: 19.85 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

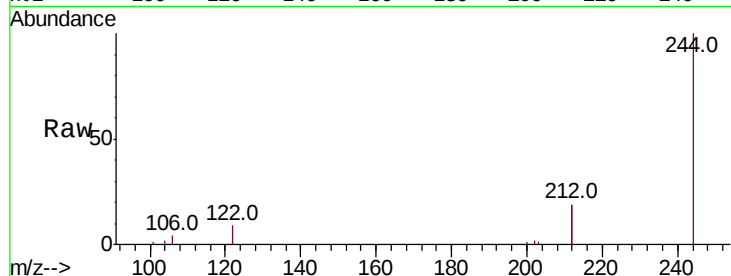
Tot Ion:244 Resp: 7789

Ion Ratio Lower Upper

244 100

212 38.1 27.4 41.0

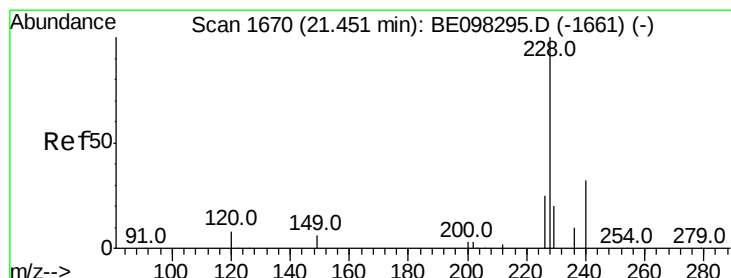
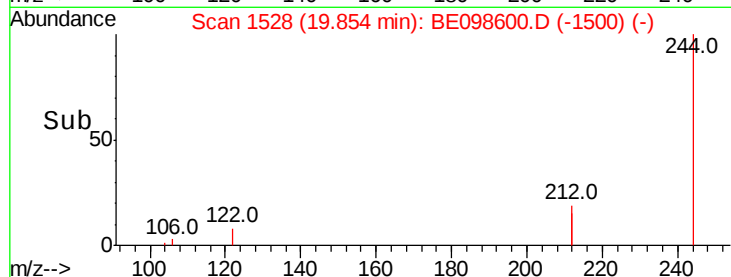
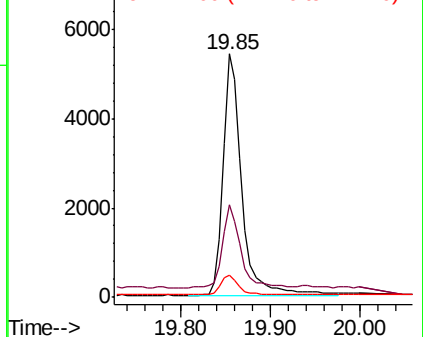
122 9.3 8.3 12.5



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: 0.424 ng

RT: 21.39 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

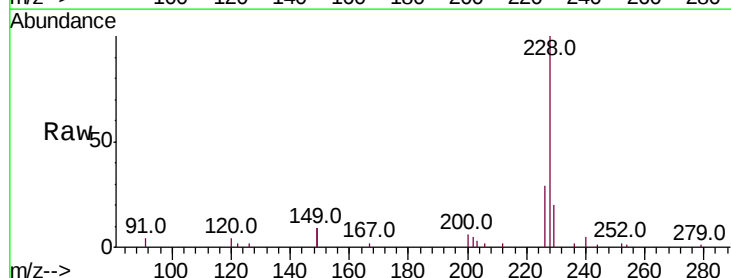
Tgt Ion:228 Resp: 9895

Ion Ratio Lower Upper

228 100

226 28.5 21.8 32.8

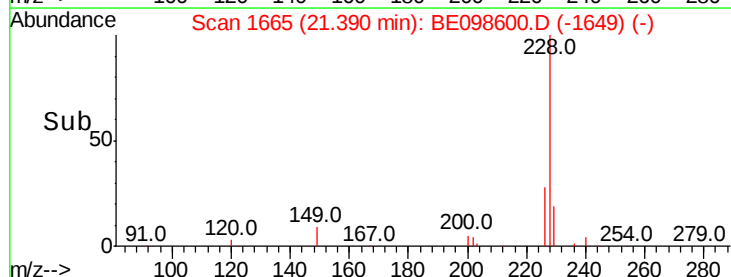
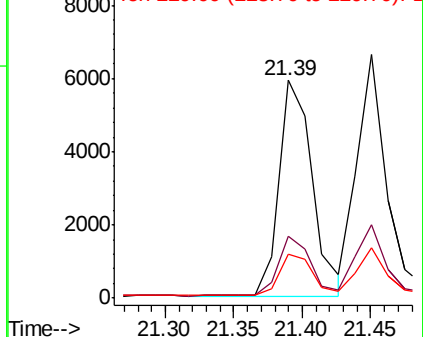
229 20.4 16.3 24.5

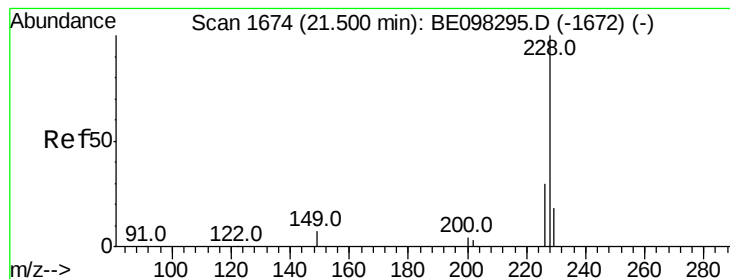


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.393 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

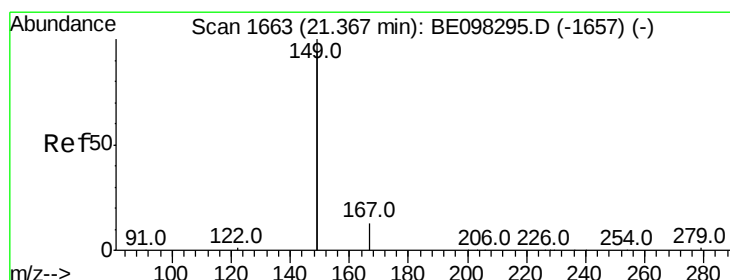
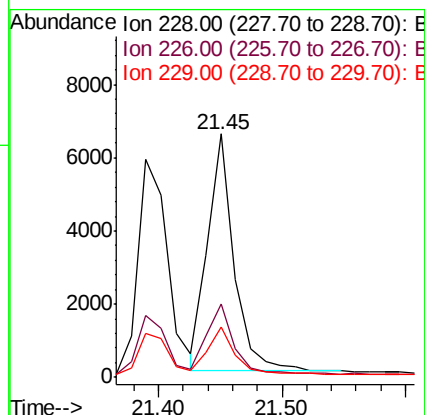
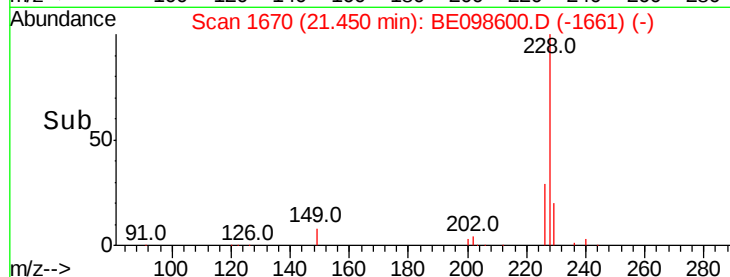
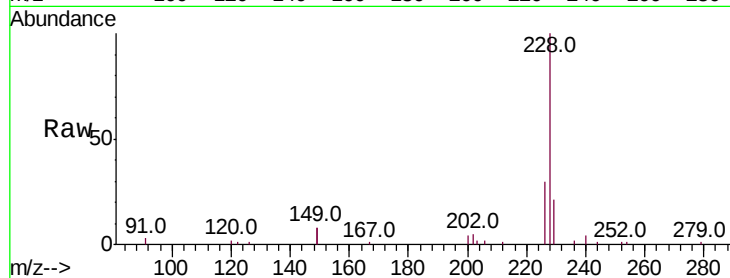
Tot Ion:228 Resp: 9610

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.0

229 20.9 16.2 24.4



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.491 ng

RT: 21.32 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

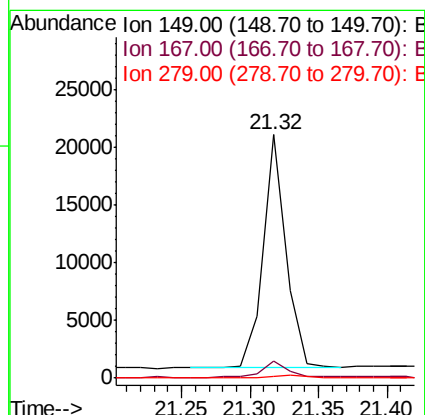
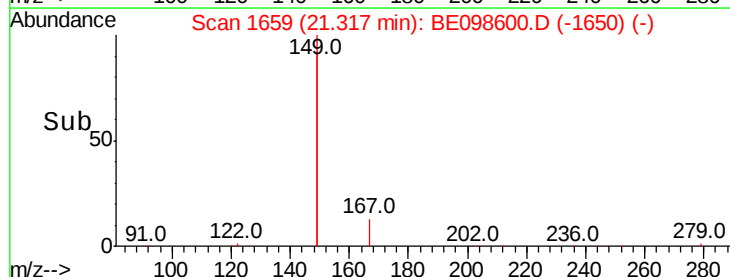
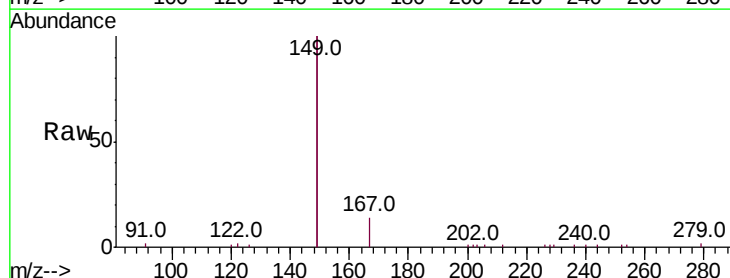
Tgt Ion:149 Resp: 23249

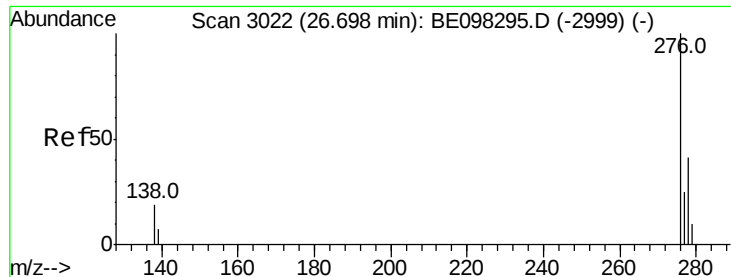
Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

279 1.1 1.0 1.4





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.413 ng

RT: 26.57 min Scan# 2987

Delta R.T. -0.06 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

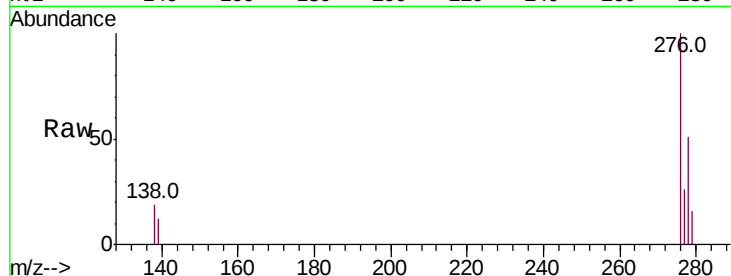
Tot Ion:276 Resp: 10045

Ion Ratio Lower Upper

276 100

138 18.8 16.3 24.5

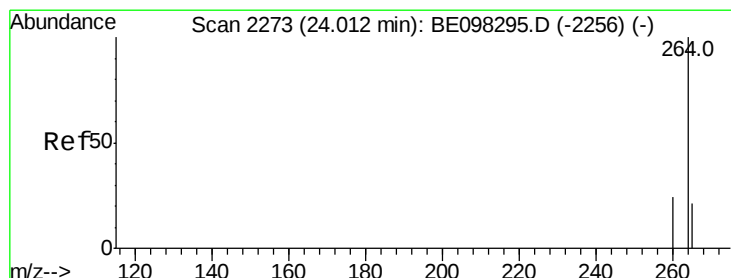
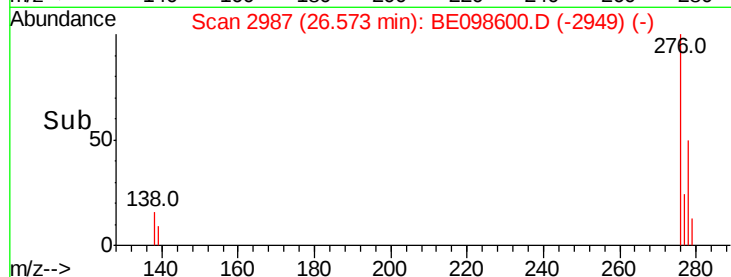
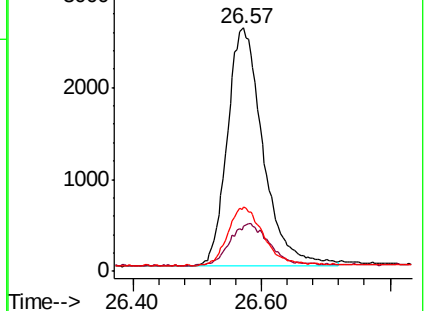
277 24.4 20.2 30.4



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: 23.93 min Scan# 2249

Delta R.T. -0.03 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

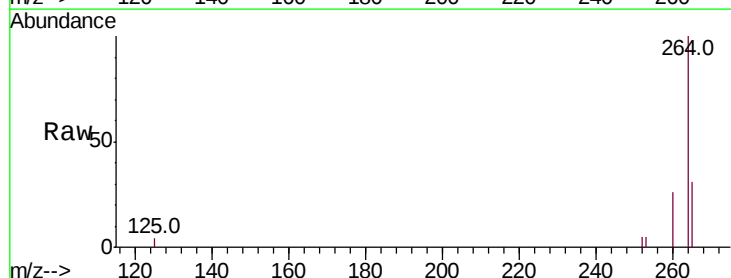
Tgt Ion:264 Resp: 7797

Ion Ratio Lower Upper

264 100

260 25.7 20.2 30.2

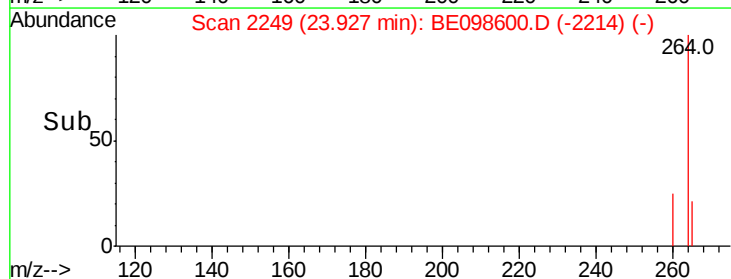
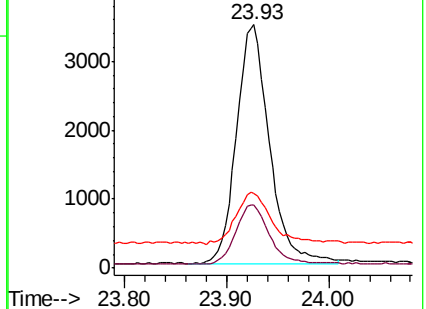
265 30.6 25.2 37.8

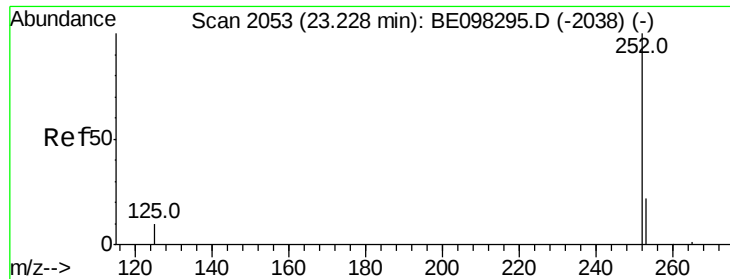


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.427 ng

RT: 23.15 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

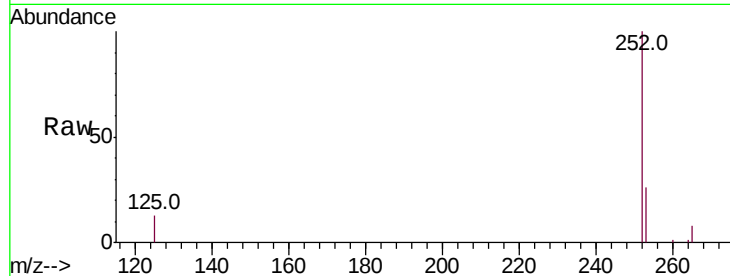
Tot Ion:252 Resp: 9095

Ion Ratio Lower Upper

252 100

253 25.9 20.0 30.0

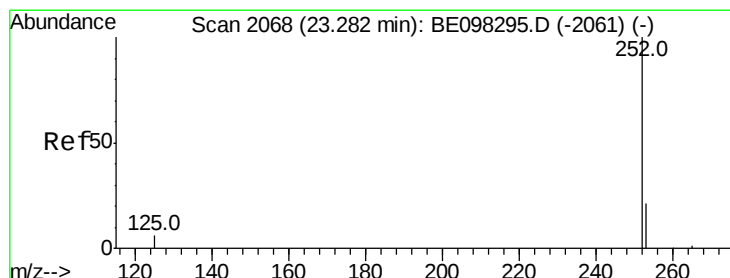
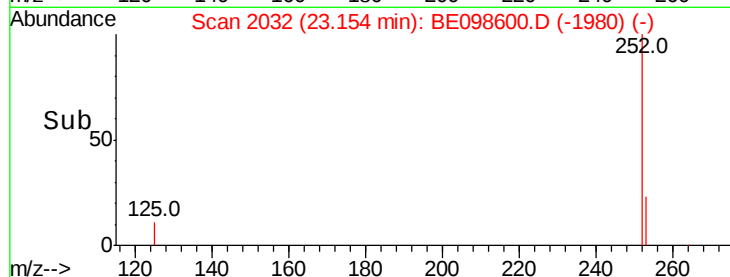
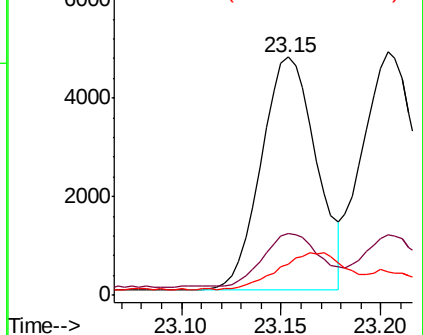
125 13.3 9.6 14.4



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: 0.398 ng

RT: 23.20 min Scan# 2046

Delta R.T. -0.02 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

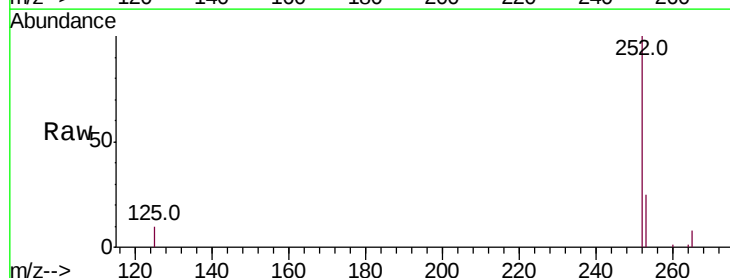
Tgt Ion:252 Resp: 9890

Ion Ratio Lower Upper

252 100

253 25.0 19.0 28.6

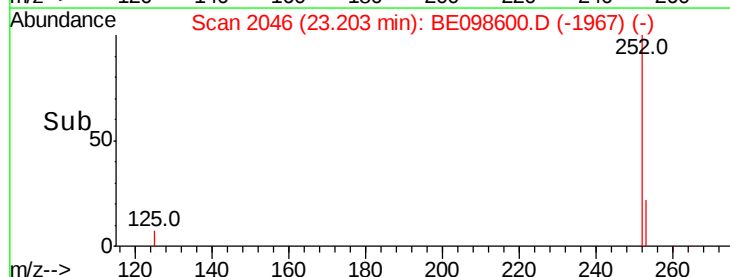
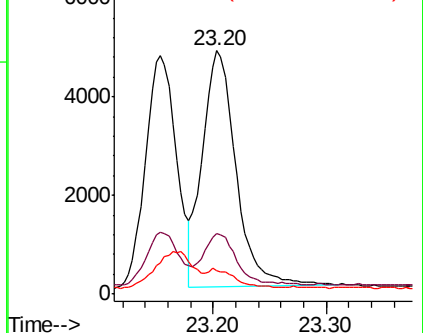
125 9.8 9.1 13.7

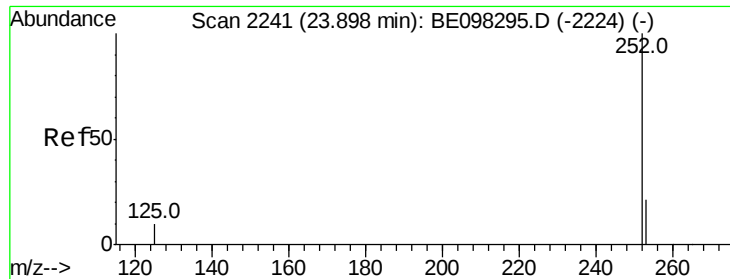


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.408 ng

RT: 23.81 min Scan# 2217

Delta R.T. -0.03 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

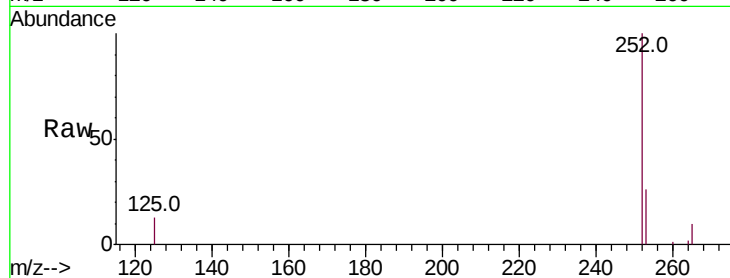
Tot Ion:252 Resp: 8976

Ion Ratio Lower Upper

252 100

253 25.8 20.6 30.8

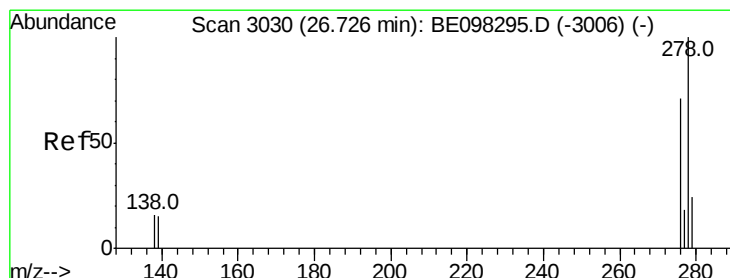
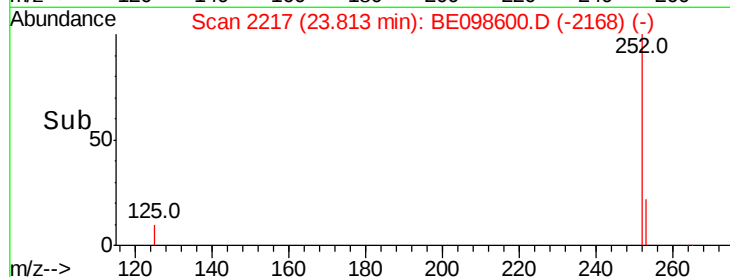
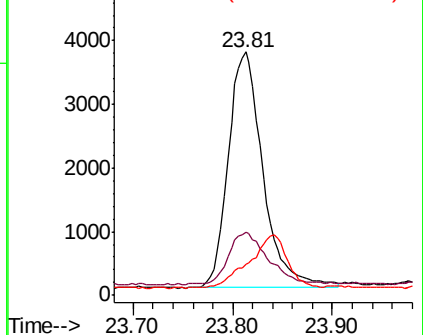
125 12.5 10.5 15.7



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: 0.387 ng

RT: 26.59 min Scan# 2992

Delta R.T. -0.08 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

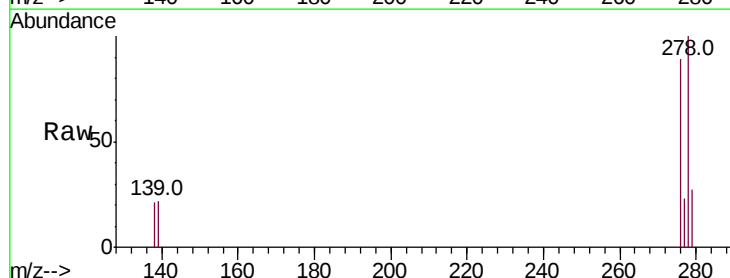
Tgt Ion:278 Resp: 8022

Ion Ratio Lower Upper

278 100

139 22.2 14.5 21.7#

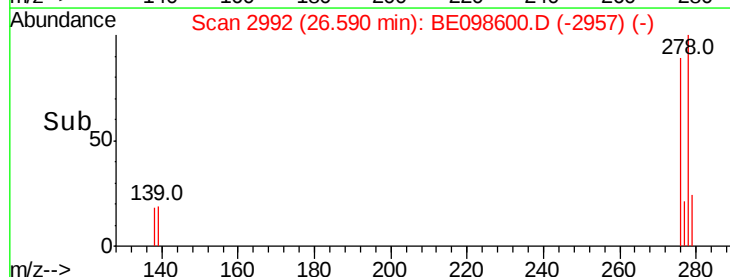
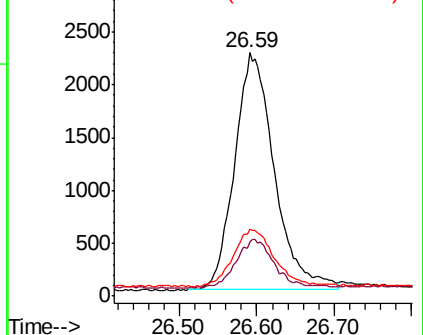
279 27.3 21.8 32.8

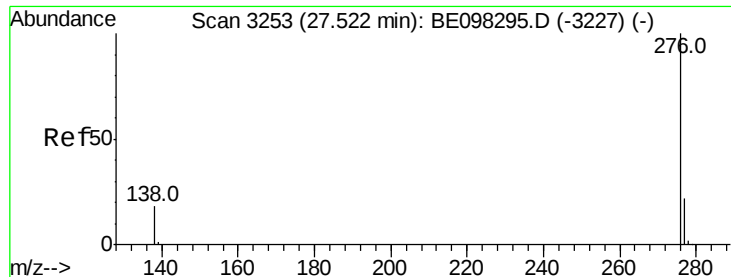


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.405 ng

RT: 27.38 min Scan# 3214

Delta R.T. -0.08 min

Lab File: BE098600.D

Acq: 2 Jan 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

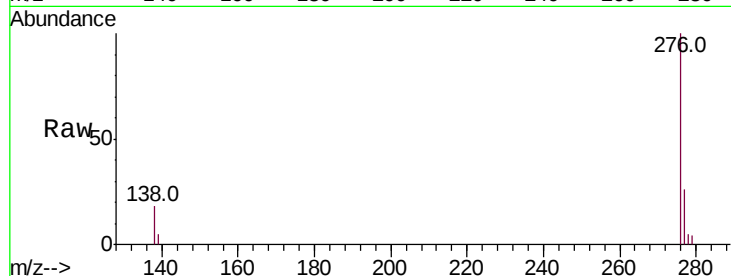
Tot Ion:276 Resp: 8466

Ion Ratio Lower Upper

276 100

277 26.3 20.8 31.2

138 17.8 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

