

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
 Data File : BE098435.D
 Acq On : 14 Dec 2018 14:41
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Dec 14 23:31:17 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	7.86	152	1403	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	5901	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	3806	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	10480	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	12877	0.40	ng	-0.01
34) Perylene-d12	24.00	264	12253	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.45	112	1324	0.40	ng	0.00
5) Phenol-d6	7.04	99	1980	0.43	ng	-0.01
8) Nitrobenzene-d5	9.02	82	2112	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	3671	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	16.02	330	626	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5752	0.36	ng	0.00
25) Fluoranthene-d10	19.30	212	53745	0.40	ng	0.00
29) Terphenyl-d14	19.90	244	9853	0.31	ng	0.00

Target Compounds

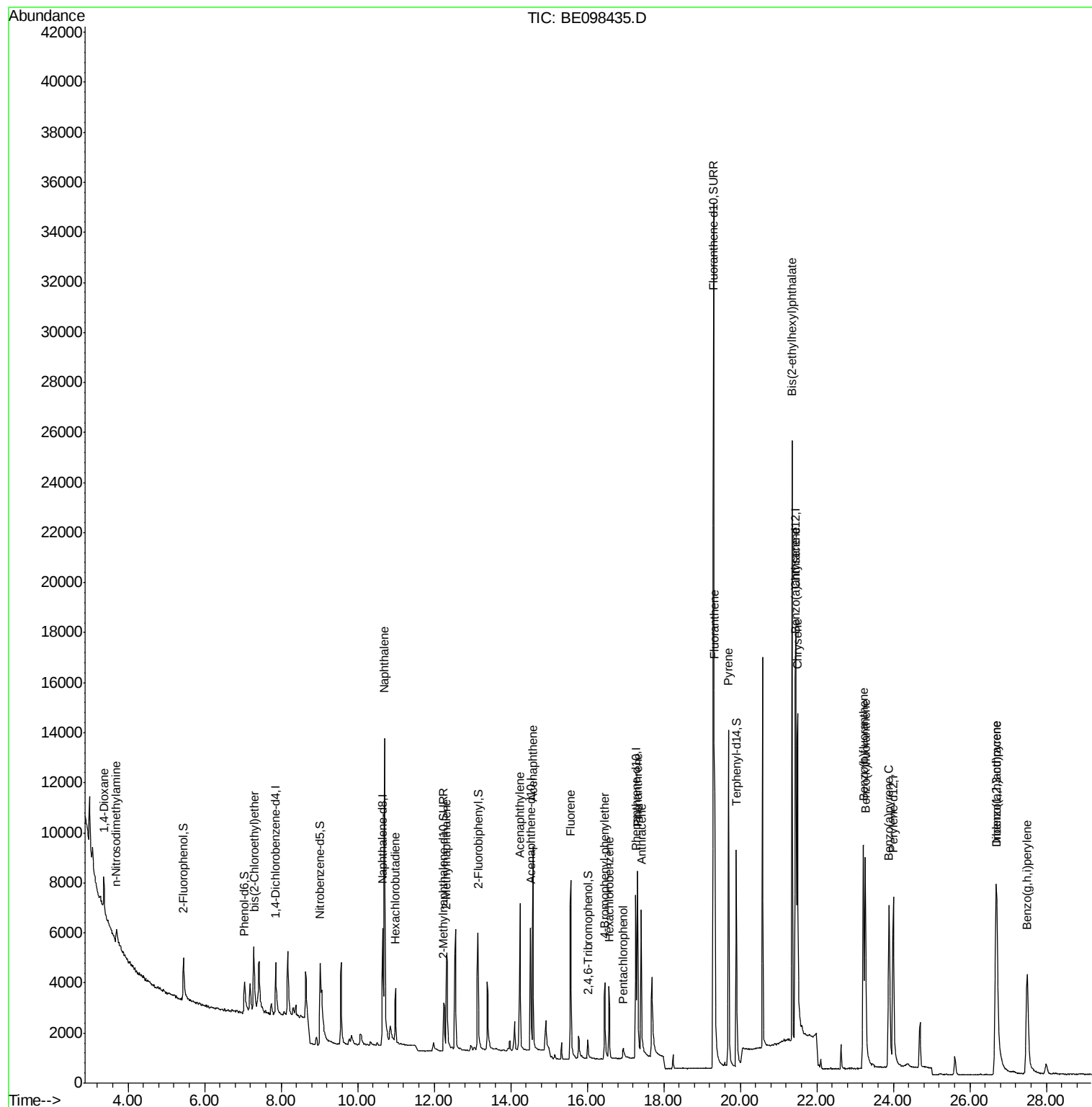
					Qvalue
2) 1,4-Dioxane	3.36	88	795	0.328 ng	98
3) n-Nitrosodimethylamine	3.70	42	679	0.311 ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1548	0.350 ng	88
9) Naphthalene	10.70	128	23022	0.388 ng	99
10) Hexachlorobutadiene	10.99	225	1578	0.417 ng	99
12) 2-Methylnaphthalene	12.32	142	3587	0.372 ng	98
16) Acenaphthylene	14.24	152	6886	0.386 ng	99
17) Acenaphthene	14.59	154	4129	0.386 ng	98
18) Fluorene	15.57	166	5484	0.383 ng	98
20) 4-Bromophenyl-phenylether	16.46	248	2058	0.365 ng	# 83
21) Hexachlorobenzene	16.57	284	2270	0.374 ng	94
22) Pentachlorophenol	16.94	266	433	0.438 ng	94
23) Phenanthrene	17.32	178	9510	0.373 ng	99
24) Anthracene	17.41	178	7874	0.347 ng	99
26) Fluoranthene	19.33	202	13515	0.401 ng	99
28) Pyrene	19.69	202	13842	0.343 ng	99
30) Benzo(a)anthracene	21.44	228	12812	0.349 ng	99
31) Chrysene	21.50	228	14756	0.384 ng	100
32) Bis(2-ethylhexyl)phthalate	21.35	149	26115	0.351 ng	99
33) Indeno(1,2,3-cd)pyrene	26.68	276	15010	0.393 ng	96
35) Benzo(b)fluoranthene	23.21	252	12503	0.373 ng	# 94
36) Benzo(k)fluoranthene	23.27	252	15851	0.406 ng	97
37) Benzo(a)pyrene	23.88	252	13508	0.391 ng	96
38) Dibenzo(a,h)anthracene	26.71	278	12446	0.382 ng	# 89
39) Benzo(g,h,i)perylene	27.50	276	12528	0.382 ng	97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
Data File : BE098435.D
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Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Dec 14 23:31:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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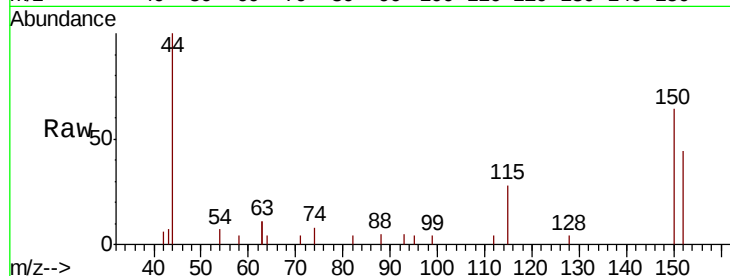


#1

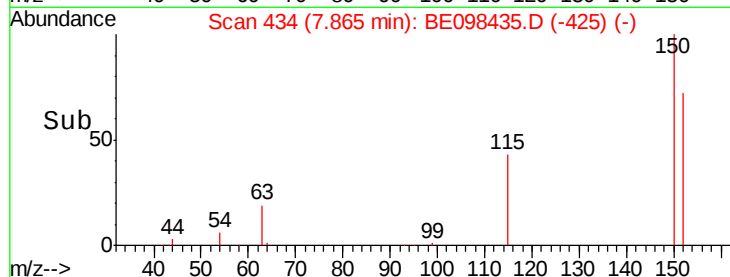
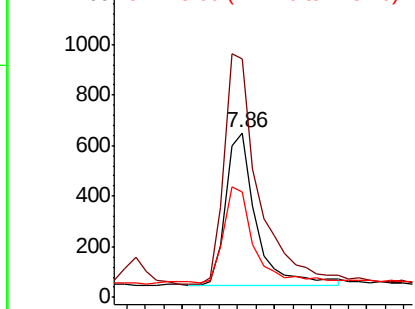
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion: 152 Resp: 1403
Ion Ratio Lower Upper
152 100
150 144.9 124.2 186.4
115 64.4 53.9 80.9



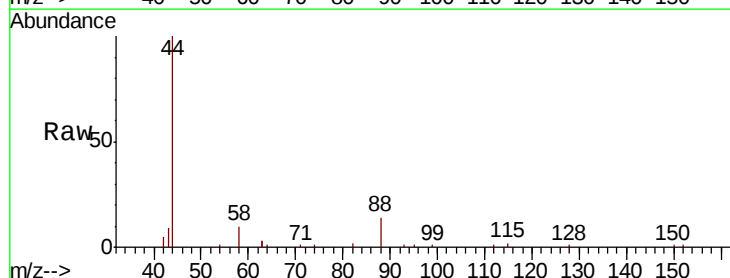
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



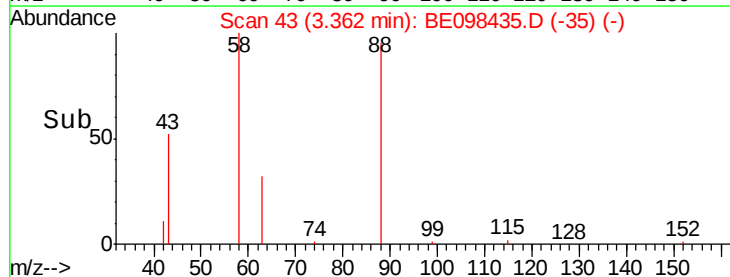
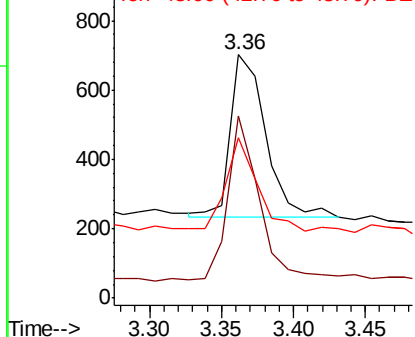
#2

1,4-Dioxane
Concen: 0.328 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion: 88 Resp: 795
Ion Ratio Lower Upper
88 100
58 91.4 75.0 112.6
43 48.6 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: 0.311 ng

RT: 3.70 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

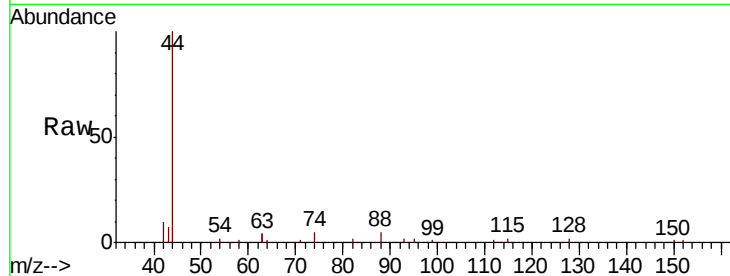
Tgt Ion: 42 Resp: 679

Ion Ratio Lower Upper

42 100

74 71.0 0.0 0.0#

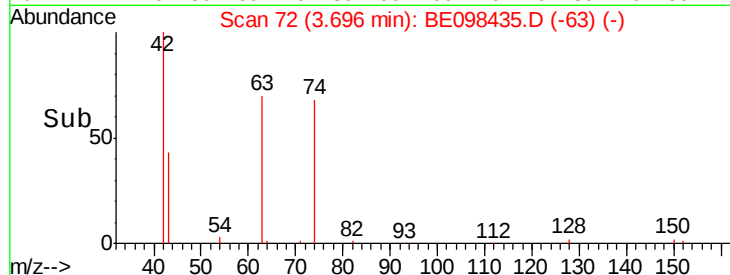
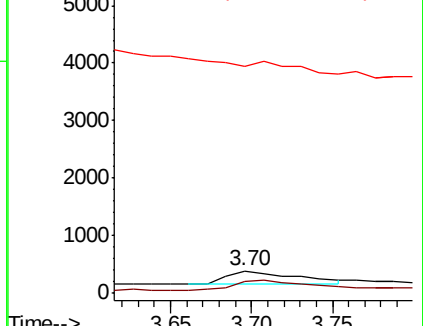
44 0.0 0.0 0.0



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: 0.403 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

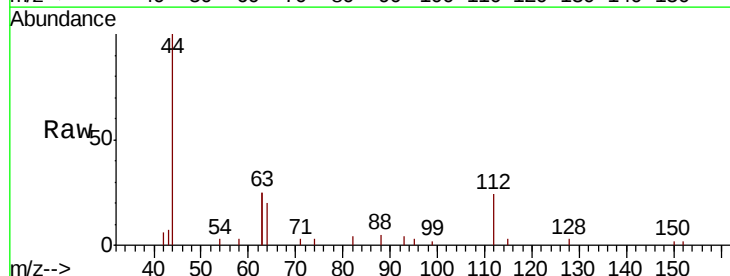
Tgt Ion: 112 Resp: 1324

Ion Ratio Lower Upper

112 100

64 72.5 59.8 89.8

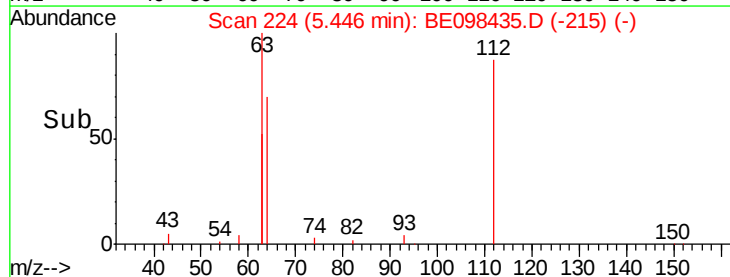
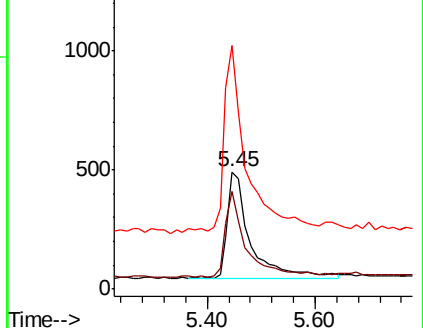
63 167.6 133.7 200.5



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: 0.426 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

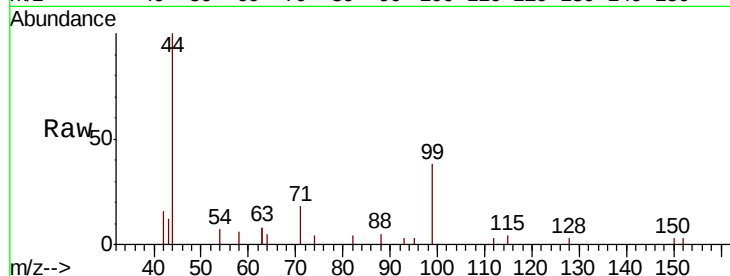
Tgt Ion: 99 Resp: 1980

Ion Ratio Lower Upper

99 100

42 26.9 26.3 39.5

71 35.3 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

7.04

600

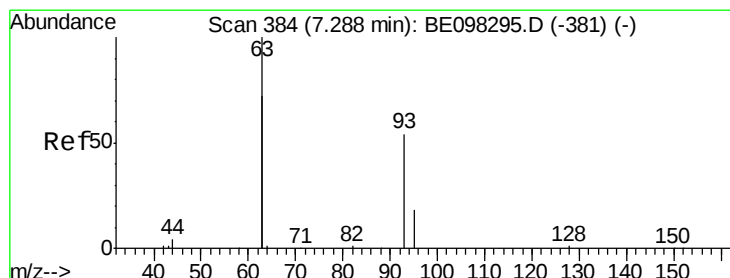
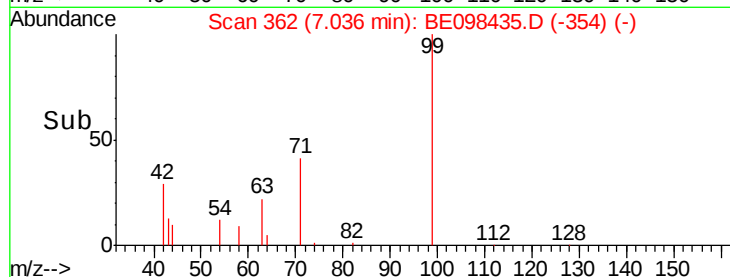
400

200

0

7.00 7.20 7.40

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.350 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

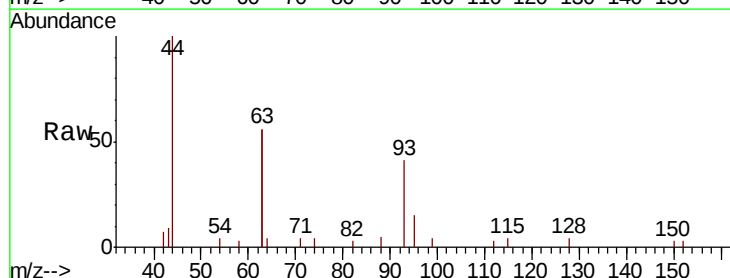
Tgt Ion: 93 Resp: 1548

Ion Ratio Lower Upper

93 100

63 304.1 264.4 396.6

95 31.5 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

7.29

2500

2000

1500

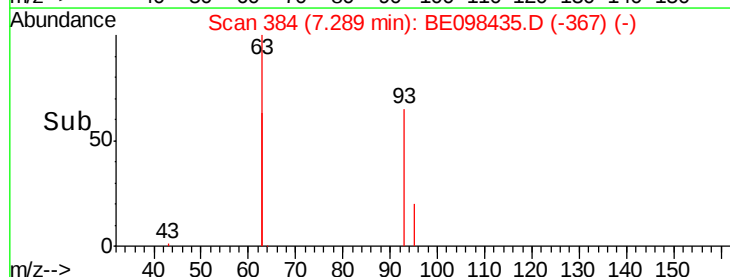
1000

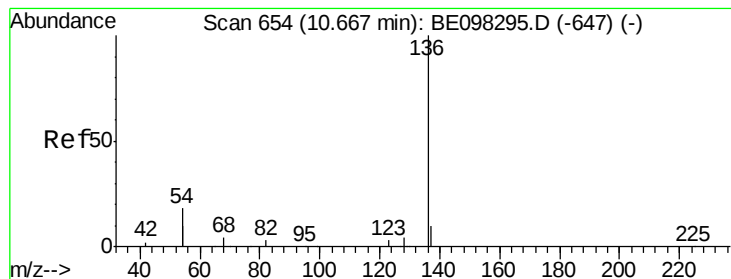
500

0

7.20 7.30 7.40 7.50

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

Tgt Ion: 136 Resp: 5901

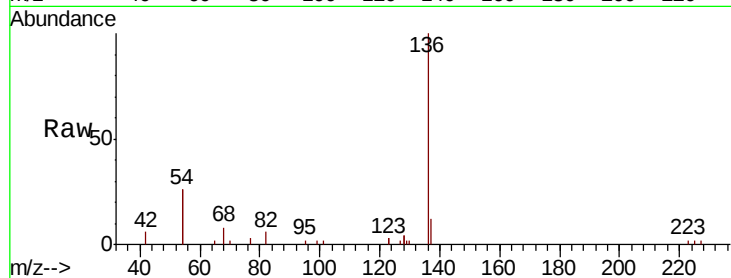
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 52.0 28.4 42.6

68 7.7 5.4 8.0

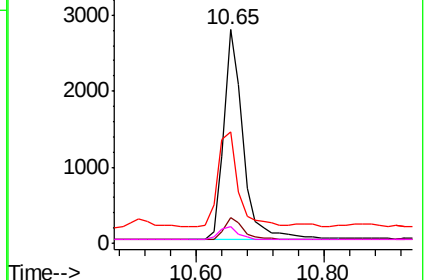
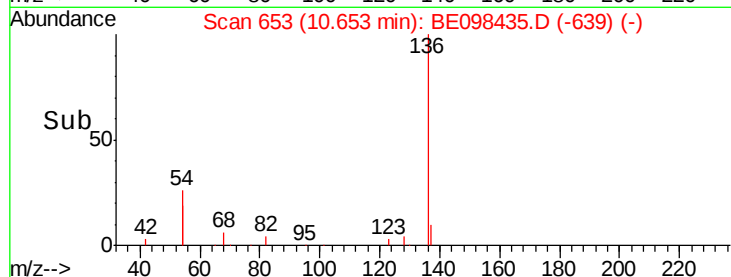


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.393 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

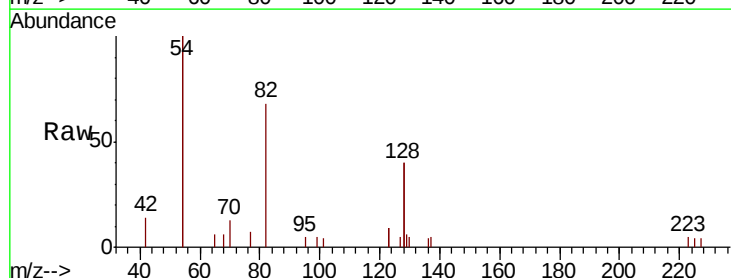
Tgt Ion: 82 Resp: 2112

Ion Ratio Lower Upper

82 100

128 117.4 102.4 153.6

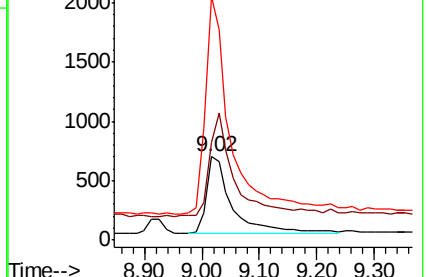
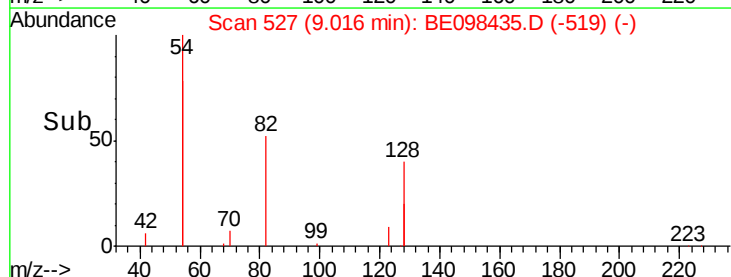
54 292.3 221.8 332.8

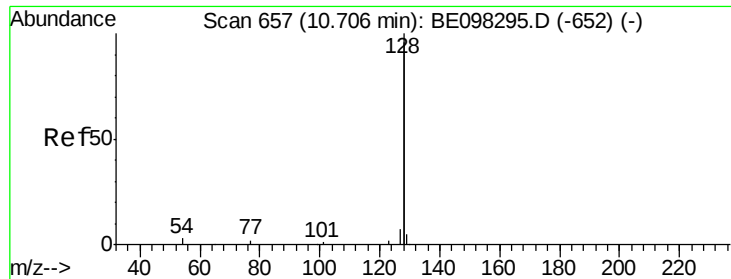


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.388 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

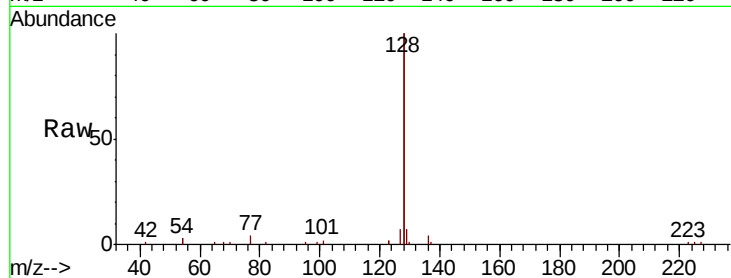
Tgt Ion:128 Resp: 23022

Ion Ratio Lower Upper

128 100

129 3.3 2.5 3.7

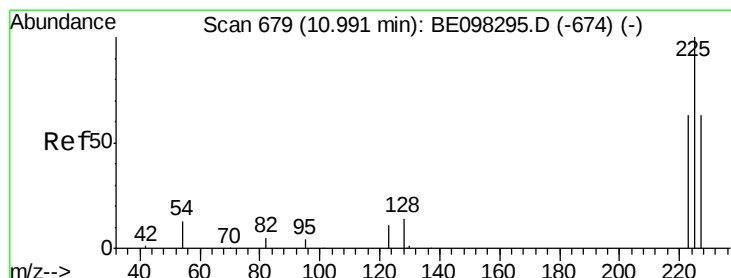
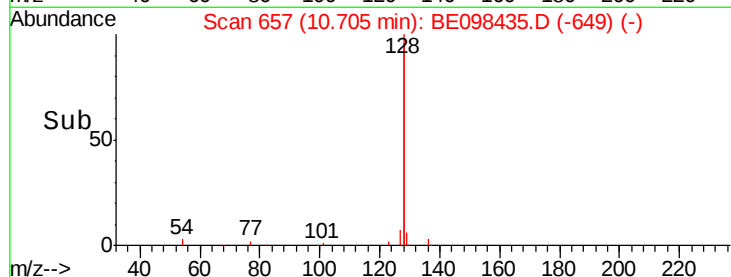
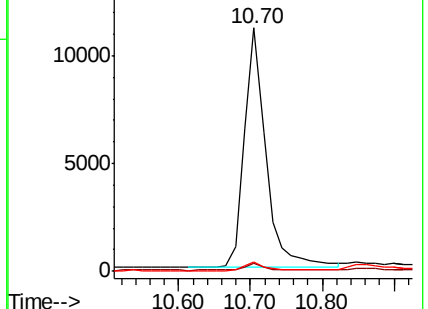
127 3.7 2.7 4.1



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: 0.417 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

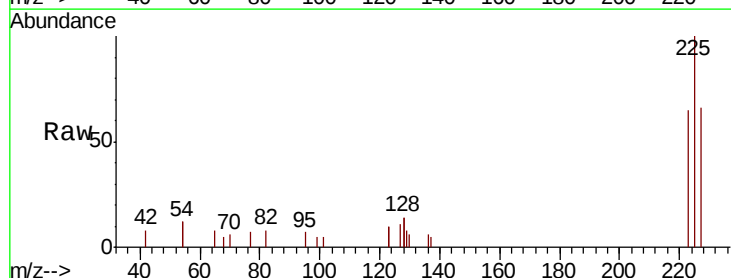
Tgt Ion:225 Resp: 1578

Ion Ratio Lower Upper

225 100

223 62.4 49.4 74.0

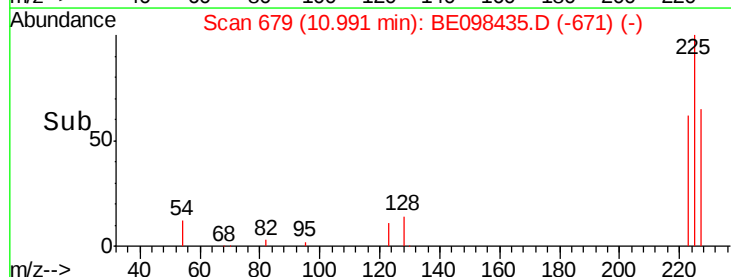
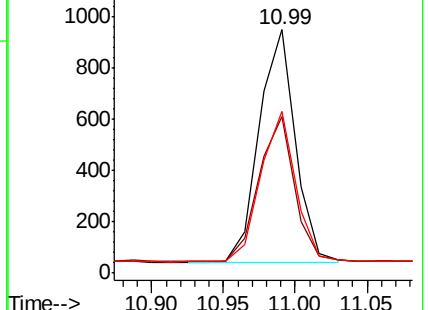
227 63.6 52.0 78.0



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: 0.383 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.02 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampleId :

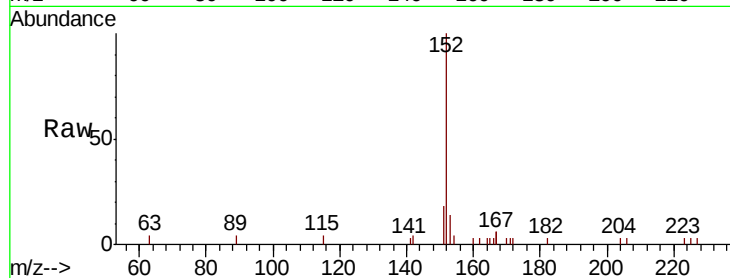
DFTPP

Tgt Ion:152 Resp: 3671

Ion Ratio Lower Upper

152 100

151 19.6 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

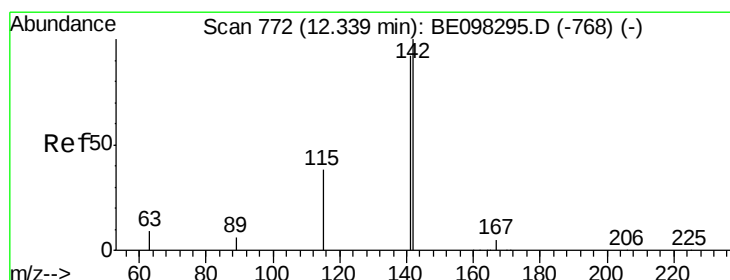
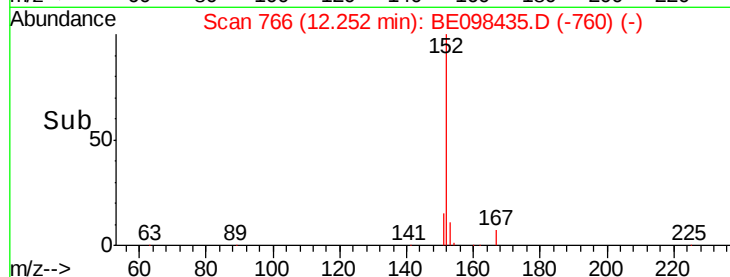
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.372 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.02 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

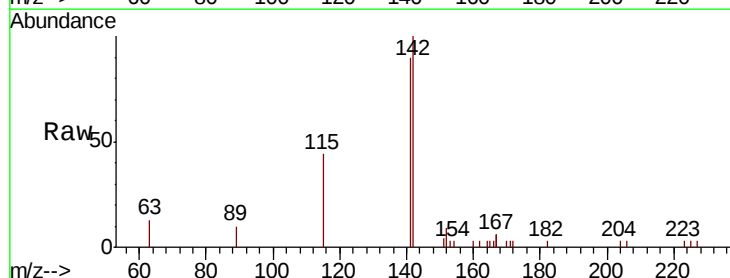
Tgt Ion:142 Resp: 3587

Ion Ratio Lower Upper

142 100

141 89.7 71.0 106.6

115 43.5 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

2000

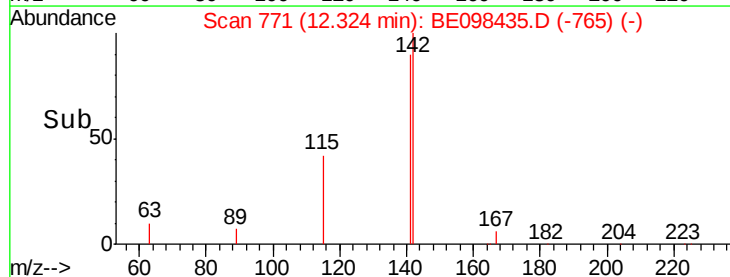
1500

1000

500

0

Time-->

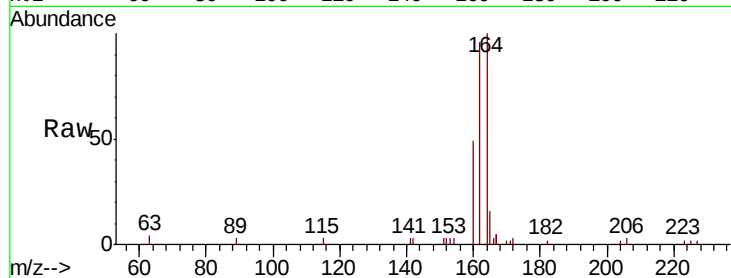




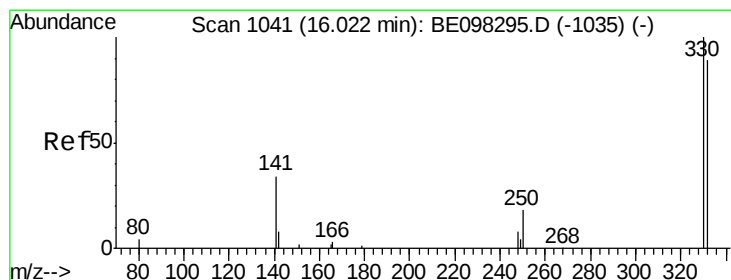
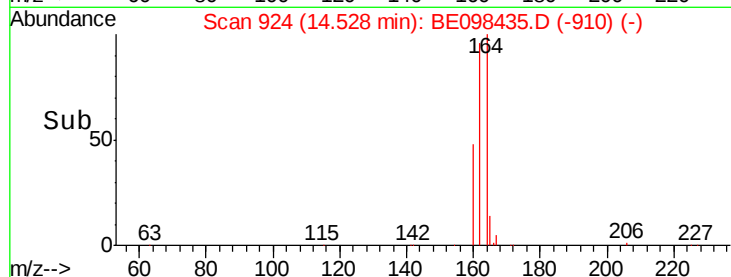
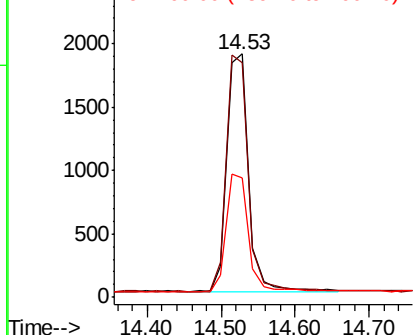
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098435.D
 Acq: 14 Dec 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion:164 Resp: 3806
 Ion Ratio Lower Upper
 164 100
 162 96.3 77.6 116.4
 160 49.2 36.0 54.0

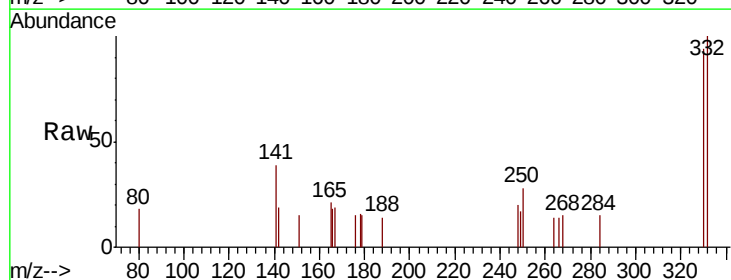


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

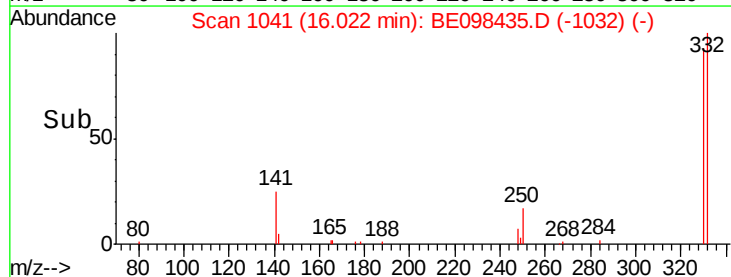
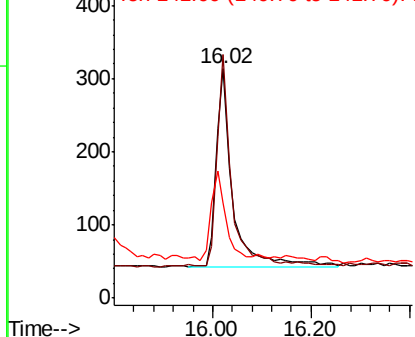


#14
 2,4,6-Tribromophenol
 Concen: 0.448 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098435.D
 Acq: 14 Dec 2018 14:41

Tgt Ion:330 Resp: 626
 Ion Ratio Lower Upper
 330 100
 332 92.2 76.2 114.4
 141 38.8 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

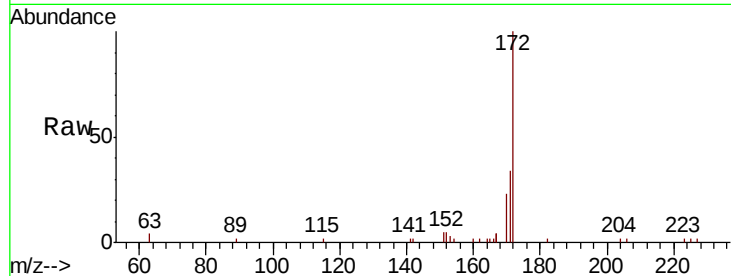




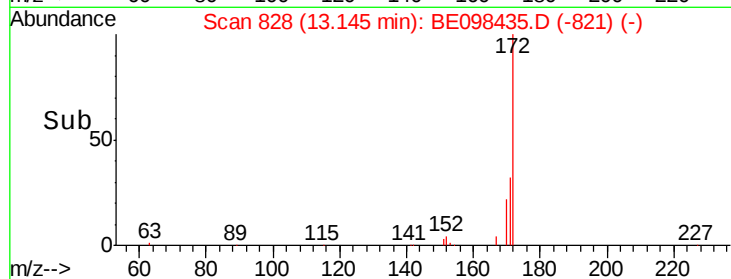
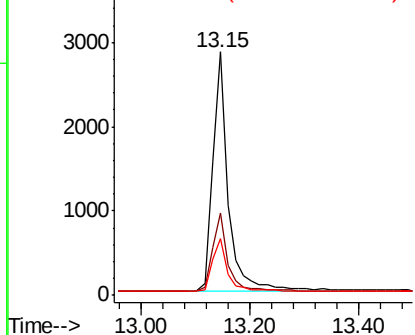
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:172 Resp: 5752
Ion Ratio Lower Upper
172 100
171 33.6 27.5 41.3
170 23.2 19.6 29.4

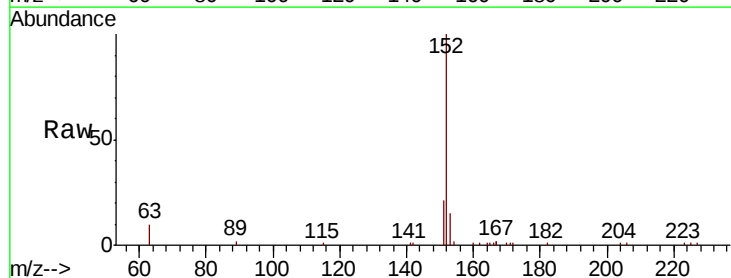


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

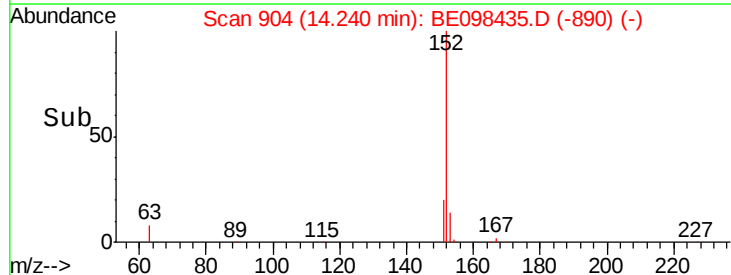
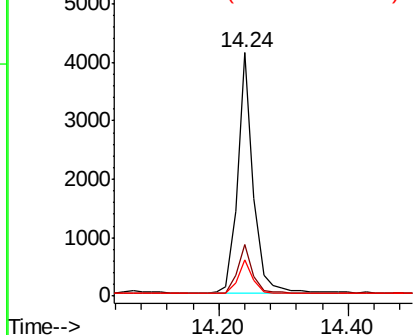


#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion:152 Resp: 6886
Ion Ratio Lower Upper
152 100
151 19.9 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: 0.386 ng

RT: 14.59 min Scan# 928

Delta R.T. -0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

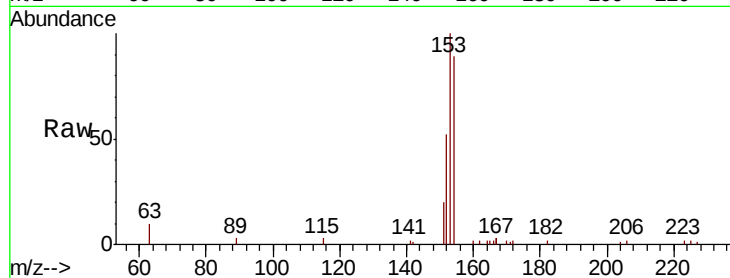
Tgt Ion:154 Resp: 4129

Ion Ratio Lower Upper

154 100

153 114.8 91.8 137.6

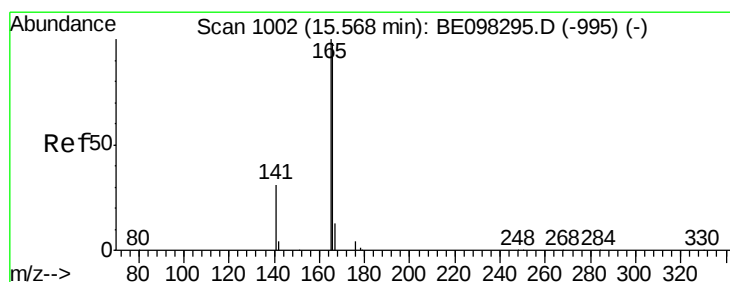
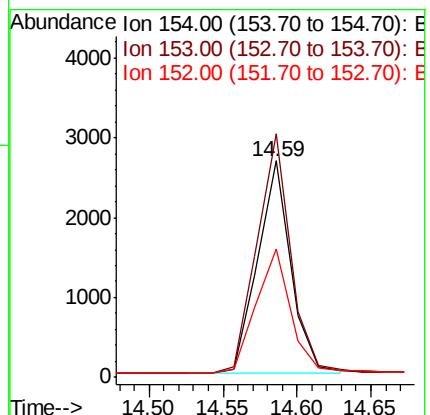
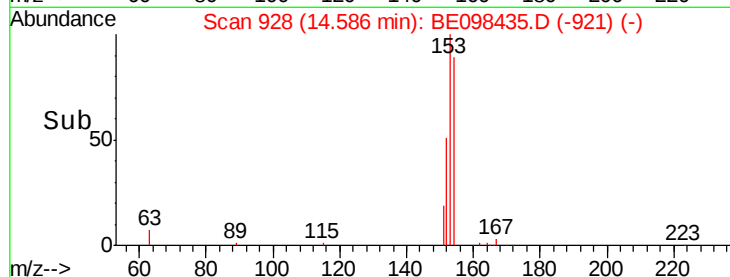
152 60.2 45.5 68.3



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: 0.383 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

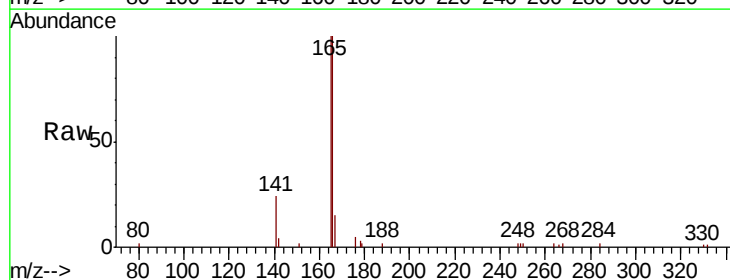
Tgt Ion:166 Resp: 5484

Ion Ratio Lower Upper

166 100

165 101.0 79.3 118.9

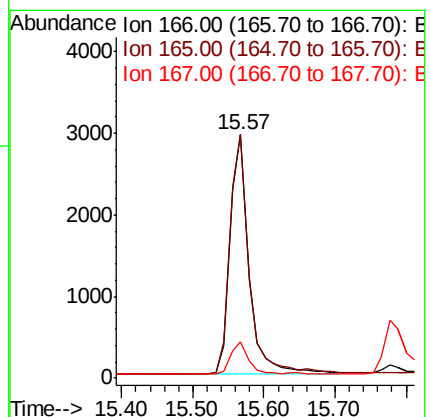
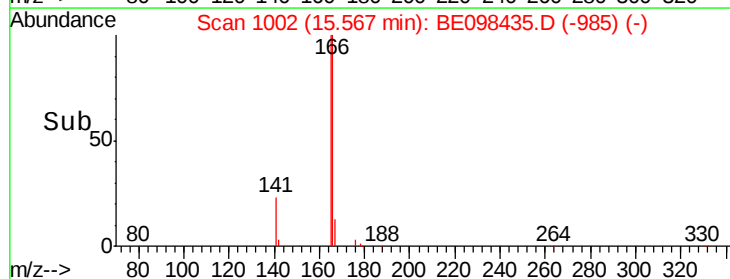
167 13.7 11.3 16.9

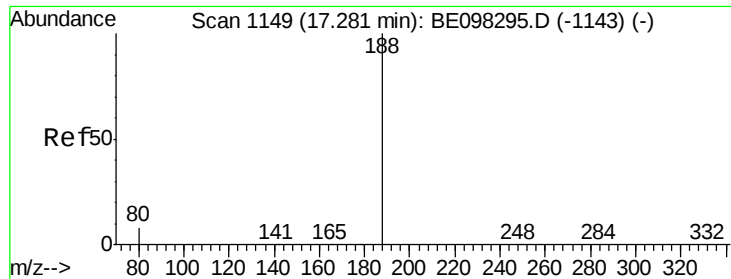


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

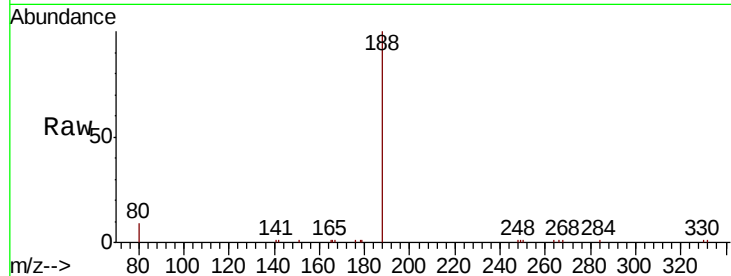
Tgt Ion:188 Resp: 10480

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

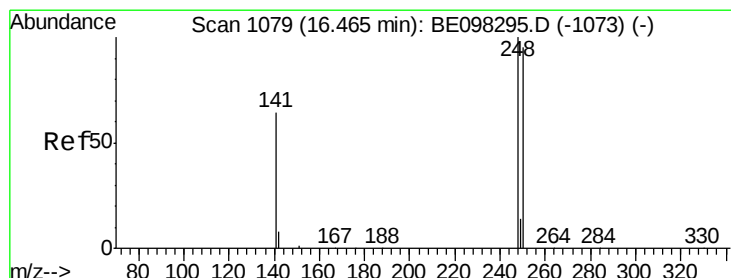
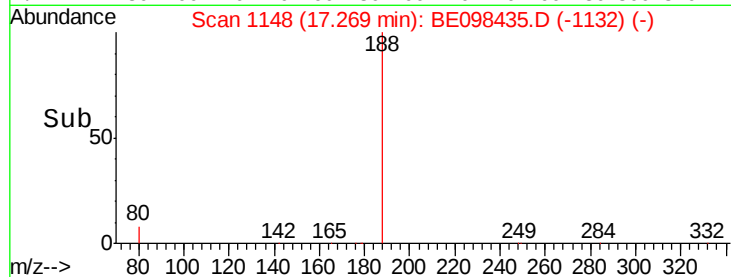
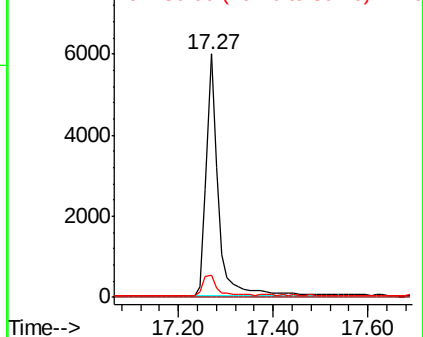
80 9.4 7.2 10.8



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: 0.365 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

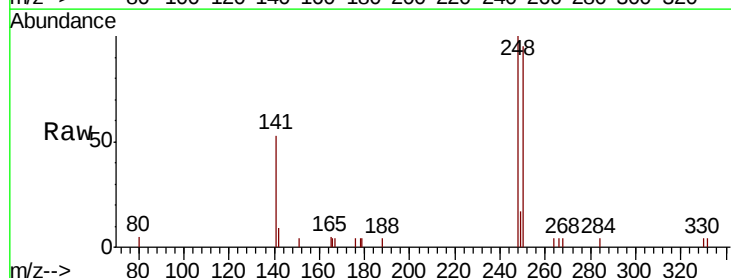
Tgt Ion:248 Resp: 2058

Ion Ratio Lower Upper

248 100

250 94.8 71.0 106.6

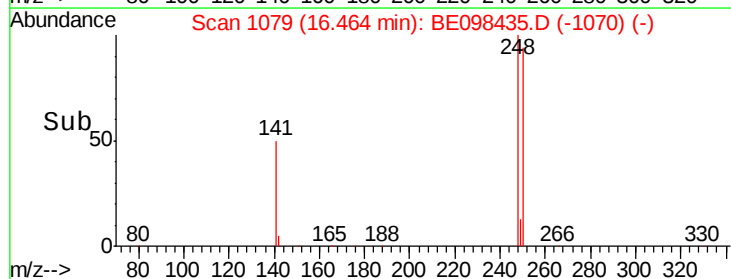
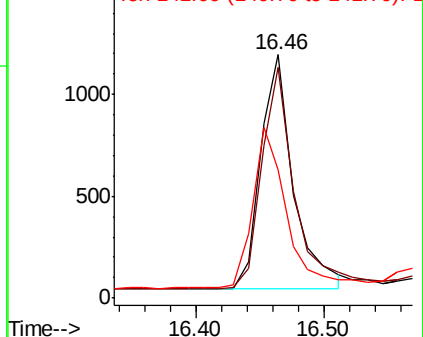
141 52.5 62.1 93.1#



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: 0.374 ng

RT: 16.57 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

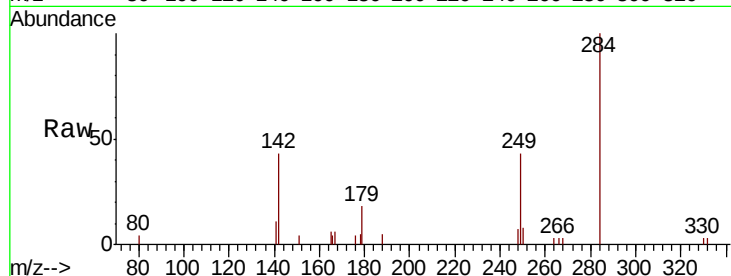
Tgt Ion:284 Resp: 2270

Ion Ratio Lower Upper

284 100

142 37.2 26.3 39.5

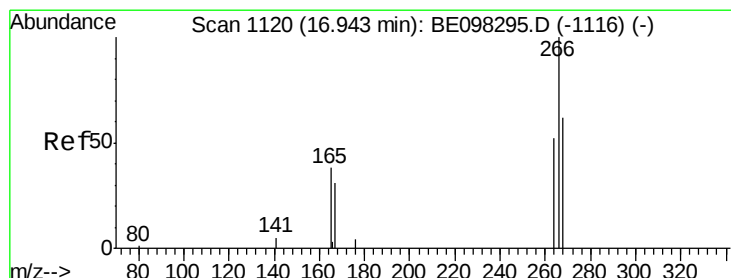
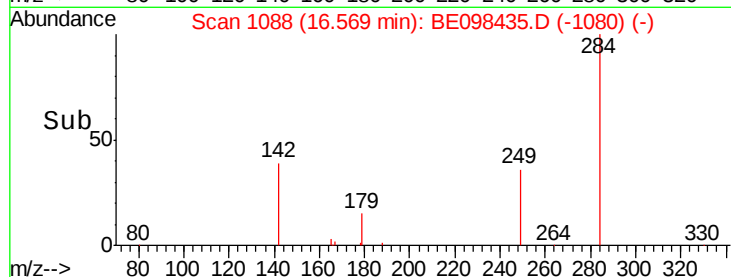
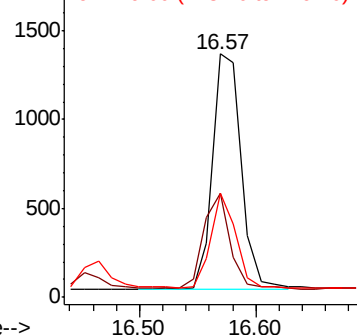
249 35.0 26.0 39.0



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: 0.438 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

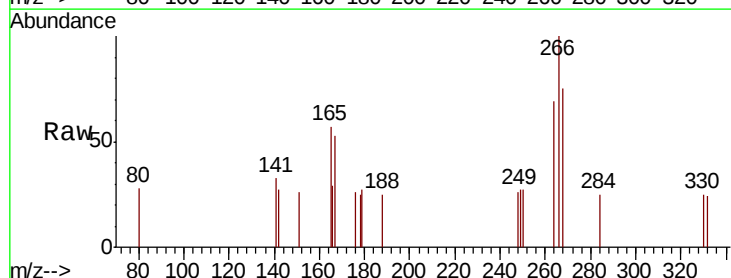
Tgt Ion:266 Resp: 433

Ion Ratio Lower Upper

266 100

264 69.0 59.0 88.4

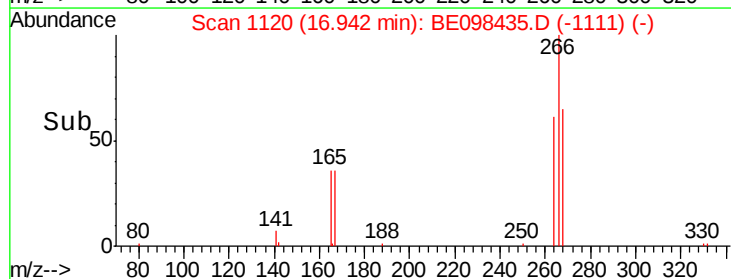
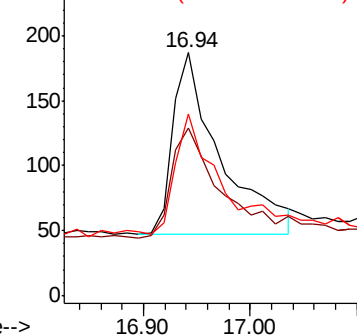
268 74.9 55.1 82.7



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: 0.373 ng

RT: 17.32 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

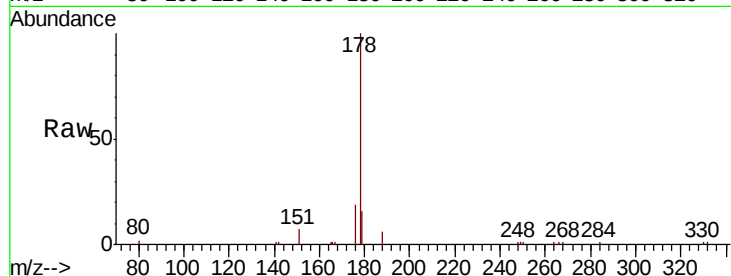
Tgt Ion:178 Resp: 9510

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

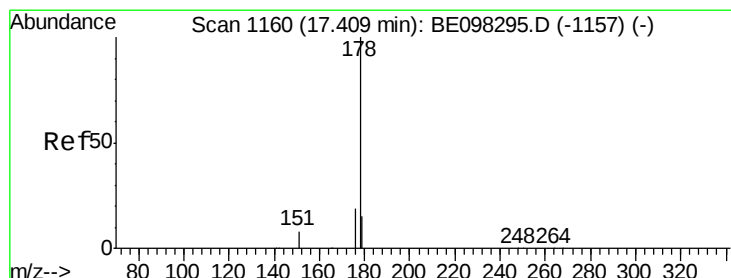
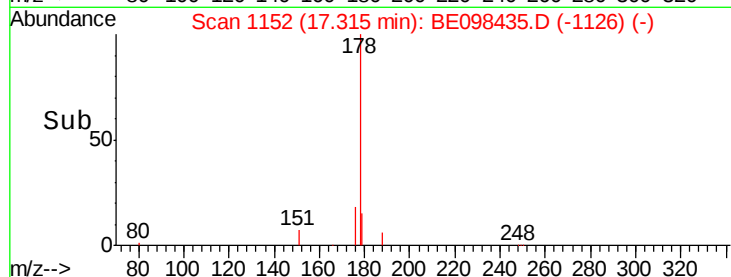
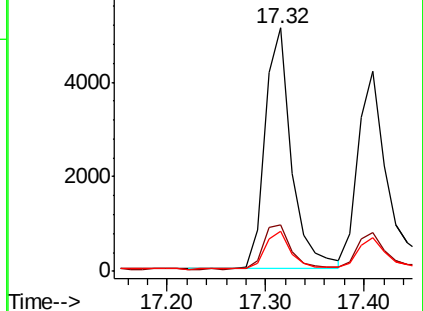
179 15.5 12.3 18.5



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: 0.347 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

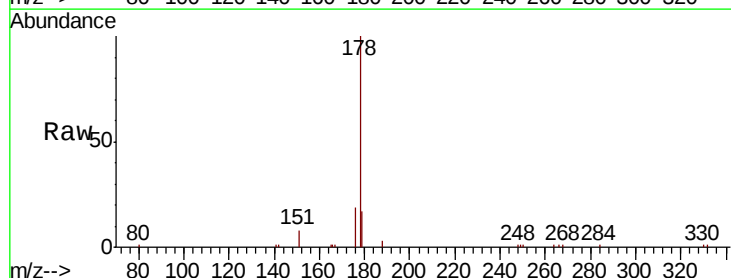
Tgt Ion:178 Resp: 7874

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

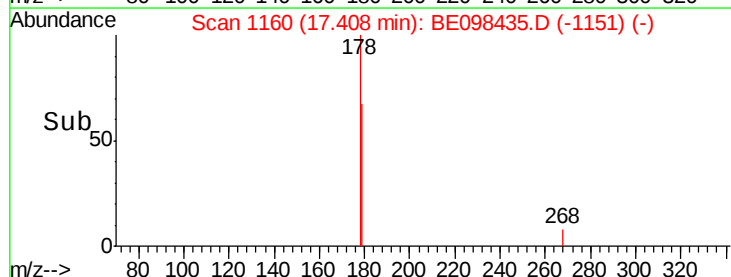
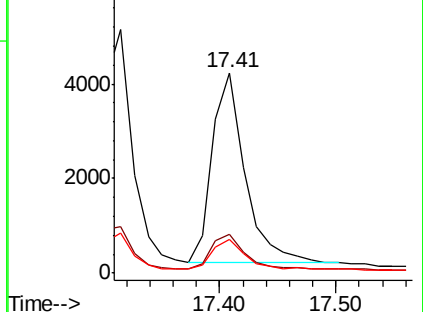
179 15.1 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.400 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

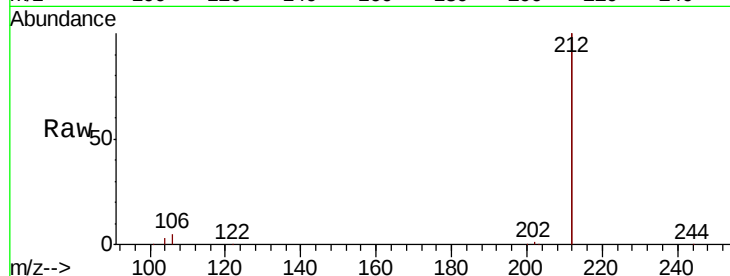
Tgt Ion:212 Resp: 53745

Ion Ratio Lower Upper

212 100

106 2.5 2.2 3.2

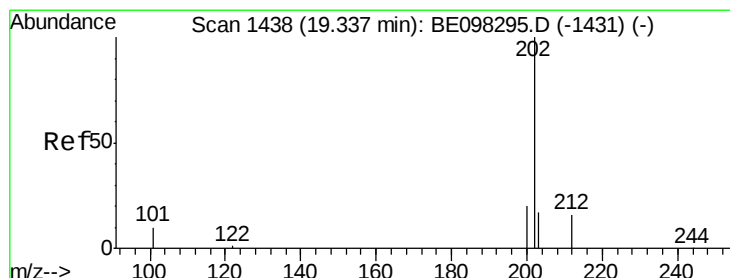
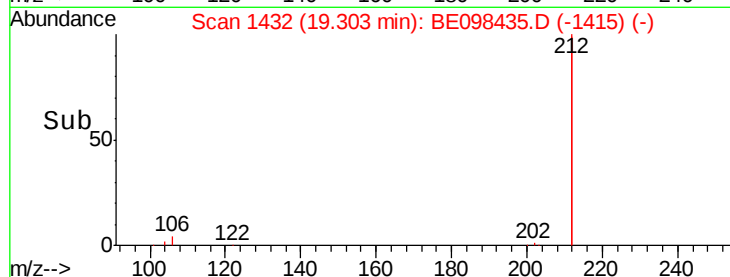
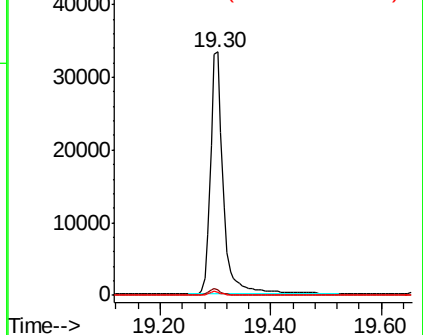
104 1.4 1.3 1.9



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: 0.401 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

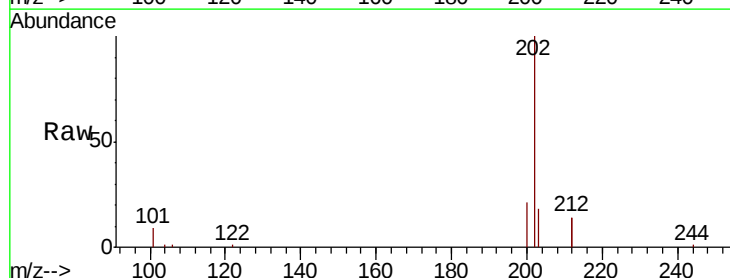
Tgt Ion:202 Resp: 13515

Ion Ratio Lower Upper

202 100

101 9.4 8.0 12.0

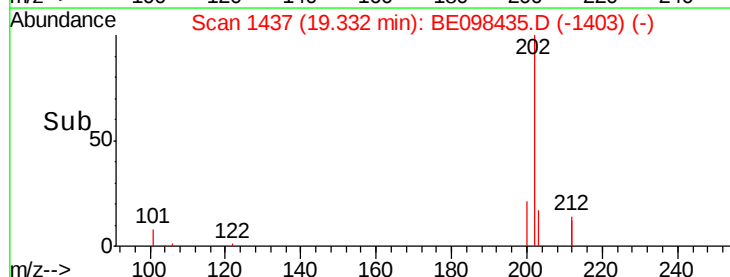
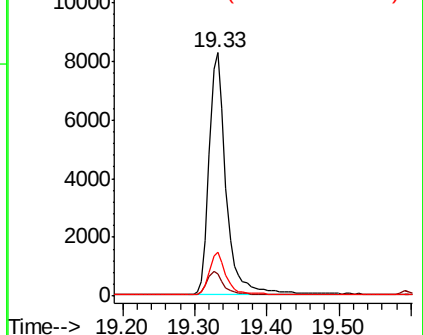
203 16.8 13.8 20.6

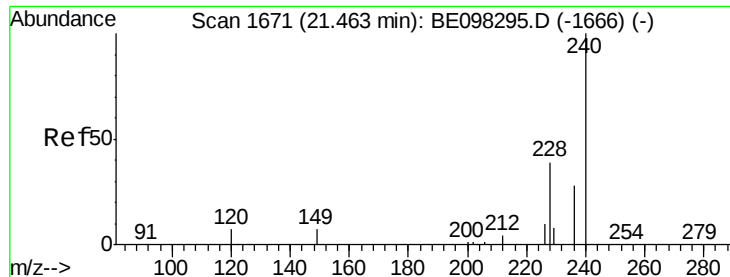


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

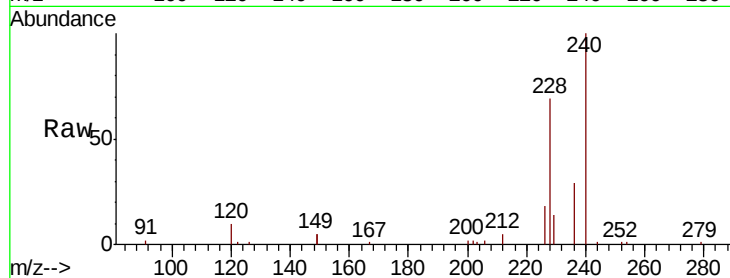
Tgt Ion:240 Resp: 12877

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

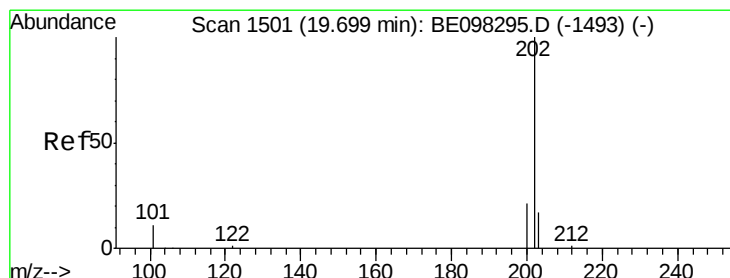
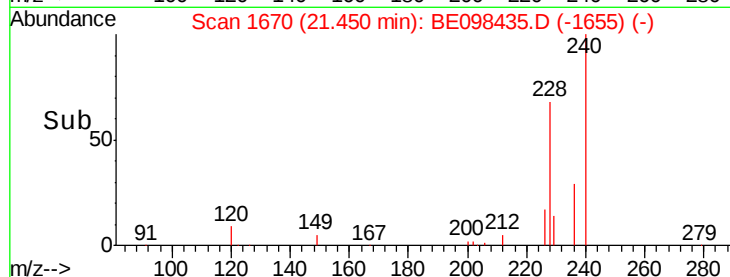
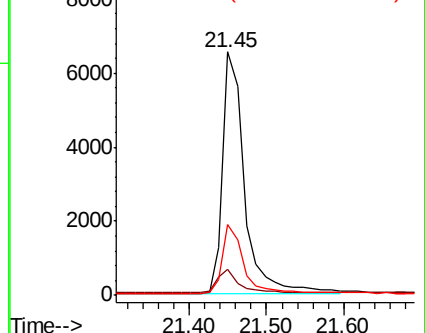
236 29.2 22.7 34.1



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: 0.343 ng

RT: 19.69 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

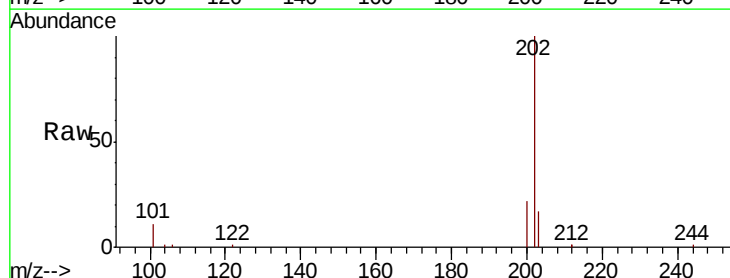
Tgt Ion:202 Resp: 13842

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

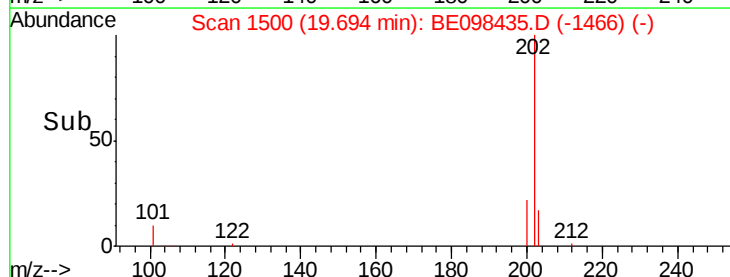
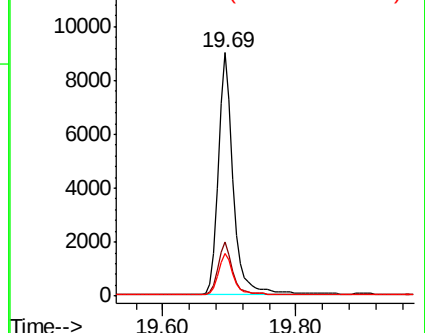
203 17.1 14.1 21.1



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: 0.315 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

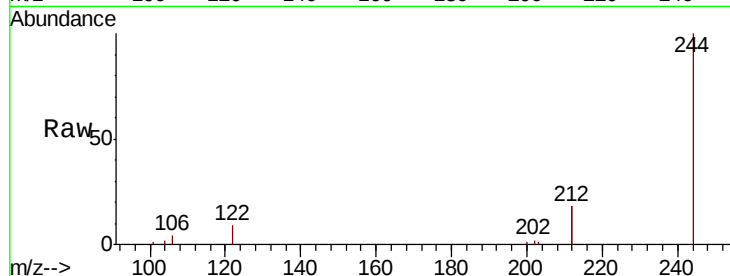
Tgt Ion:244 Resp: 9853

Ion Ratio Lower Upper

244 100

212 35.2 27.4 41.0

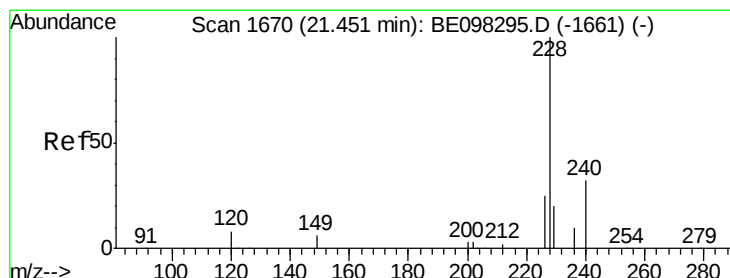
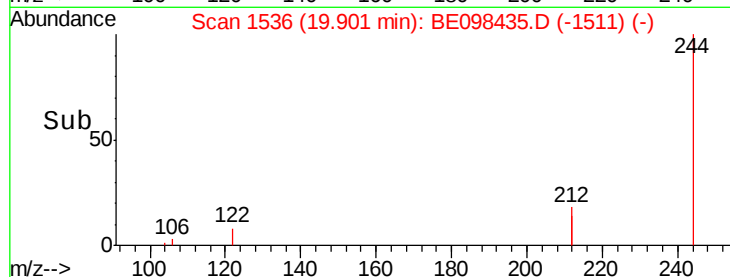
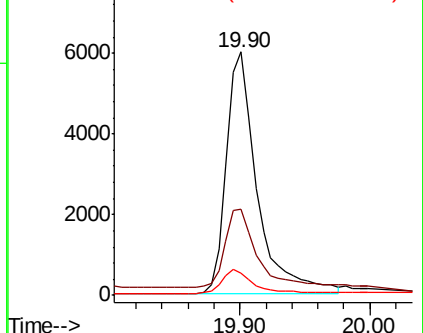
122 9.2 8.3 12.5



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: 0.349 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

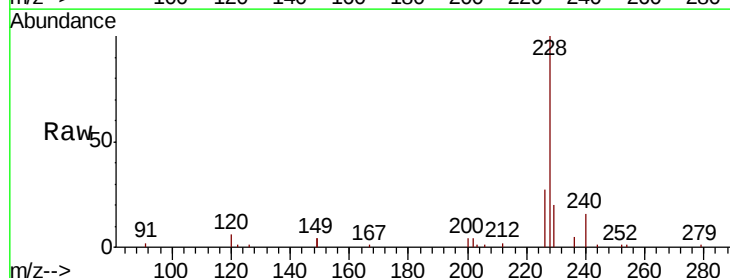
Tgt Ion:228 Resp: 12812

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

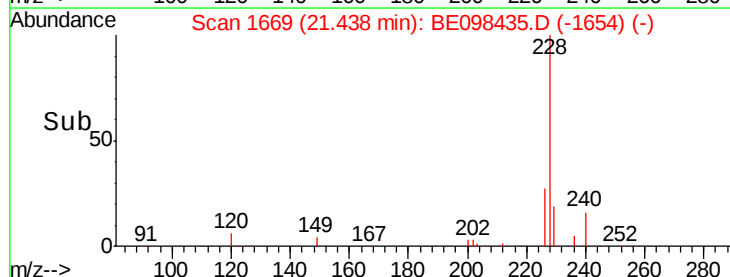
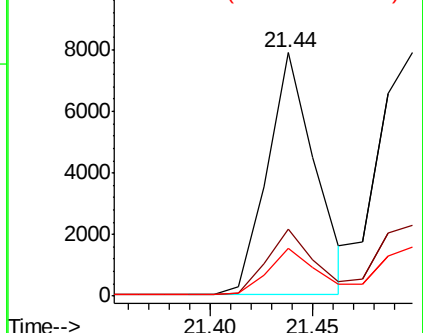
229 19.9 16.3 24.5



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: 0.384 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampled :

DFTPP

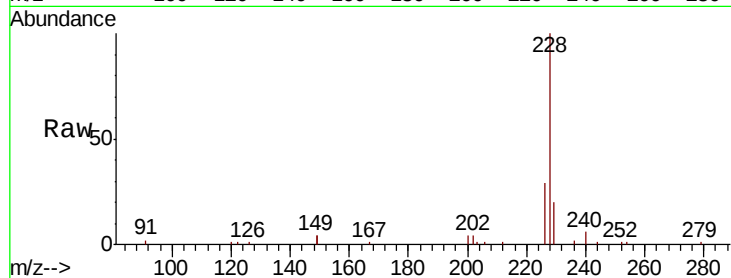
Tgt Ion:228 Resp: 14756

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.0

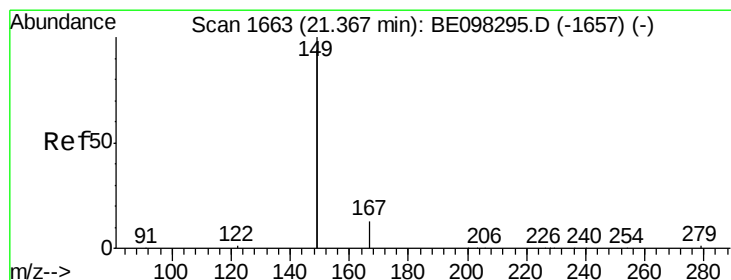
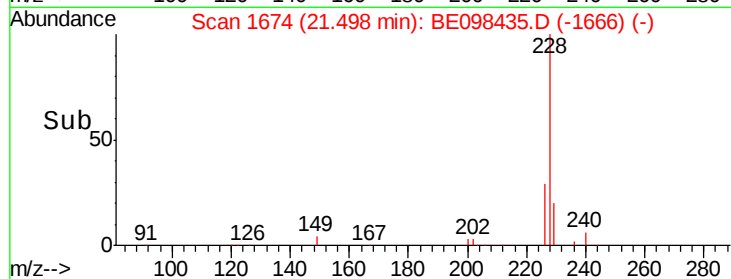
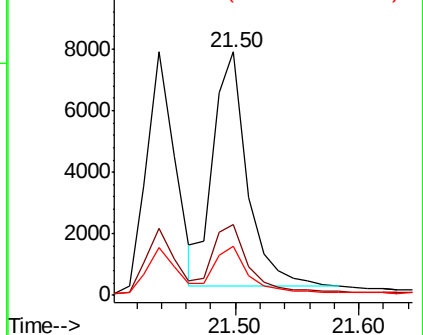
229 20.4 16.2 24.4



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: 0.351 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

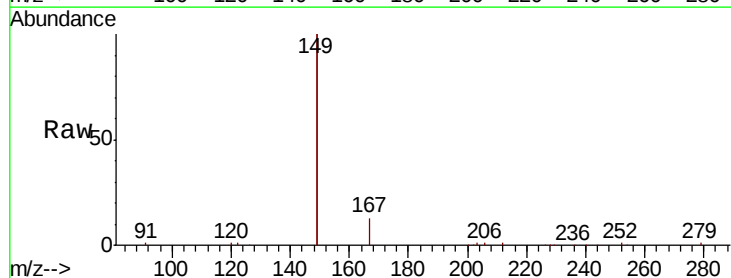
Tgt Ion:149 Resp: 26115

Ion Ratio Lower Upper

149 100

167 6.7 5.7 8.5

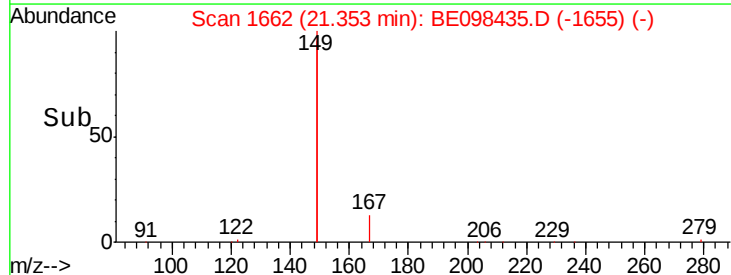
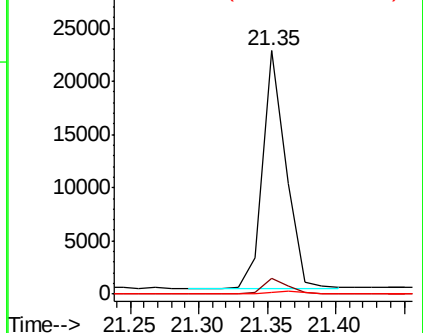
279 1.1 1.0 1.4



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: 0.393 ng

RT: 26.68 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

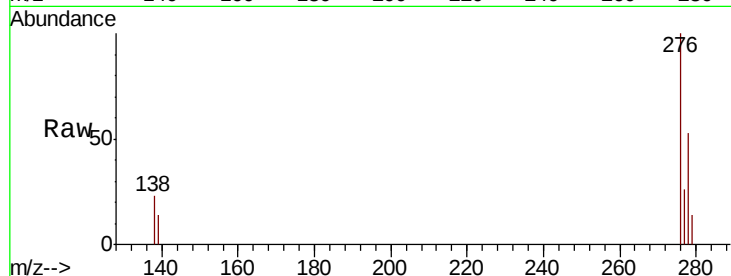
Tgt Ion:276 Resp: 15010

Ion Ratio Lower Upper

276 100

138 21.8 16.3 24.5

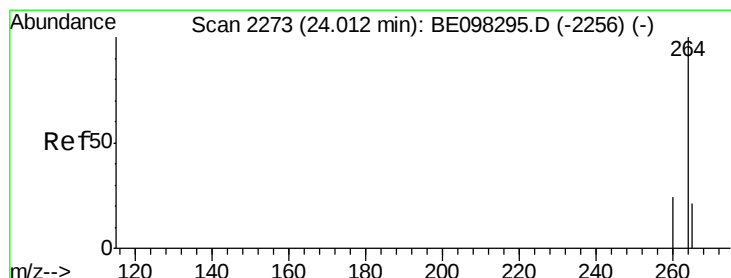
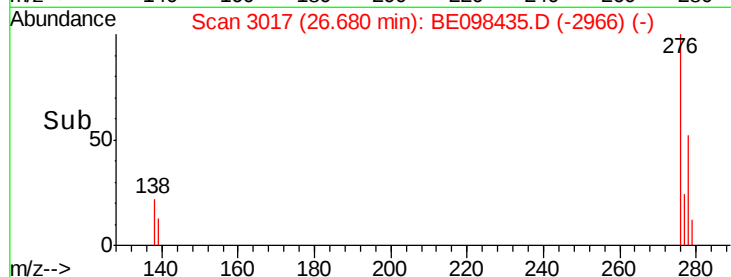
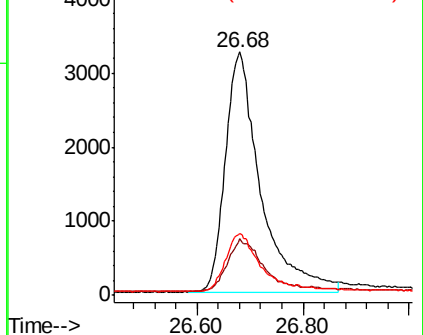
277 23.2 20.2 30.4



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: 24.00 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

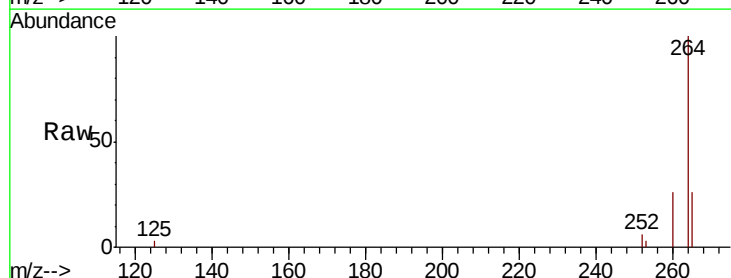
Tgt Ion:264 Resp: 12253

Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.2

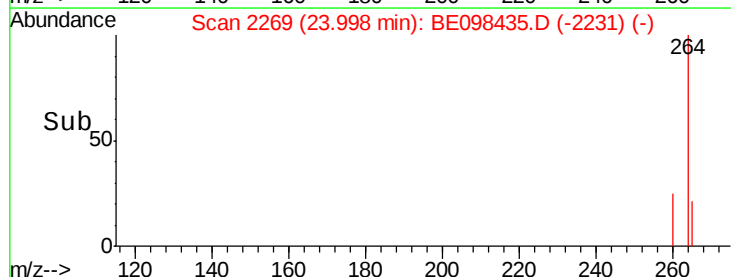
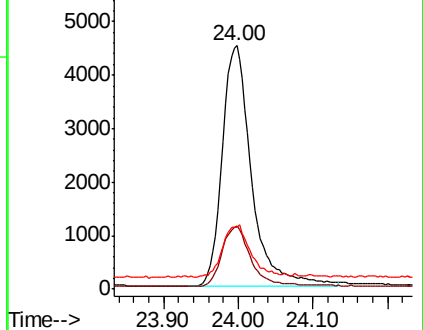
265 25.6 25.2 37.8



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: 0.373 ng

RT: 23.21 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

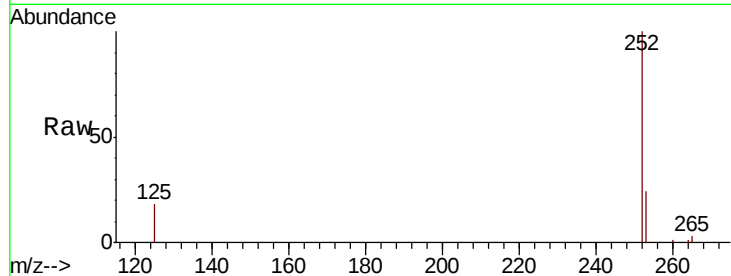
Tgt Ion:252 Resp: 12503

Ion Ratio Lower Upper

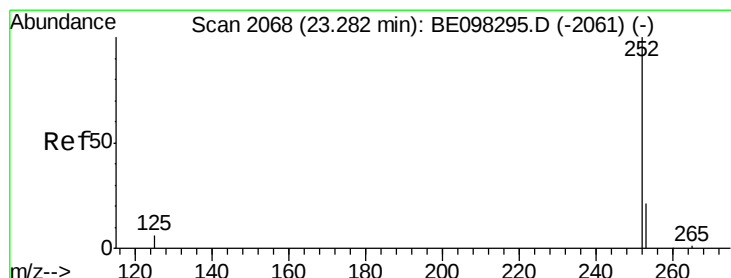
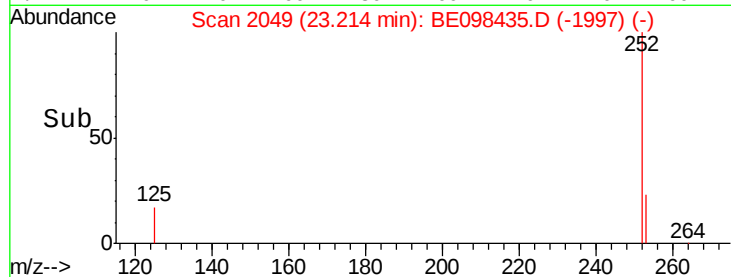
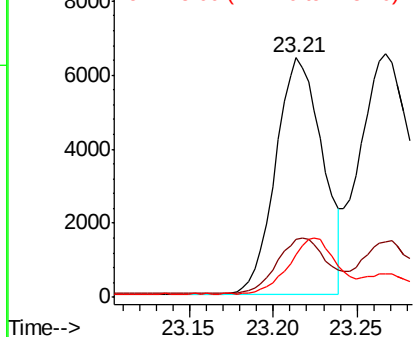
252 100

253 24.1 20.0 30.0

125 17.8 9.6 14.4#



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



#36

Benzo(k)fluoranthene

Concen: 0.406 ng

RT: 23.27 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

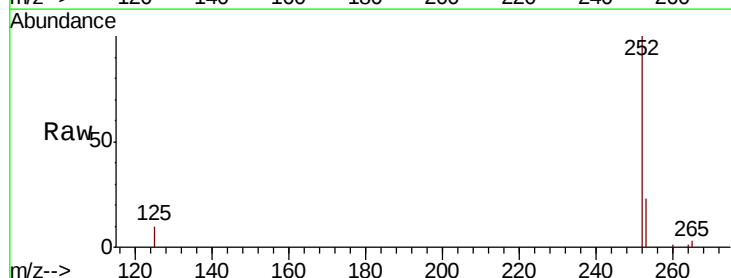
Tgt Ion:252 Resp: 15851

Ion Ratio Lower Upper

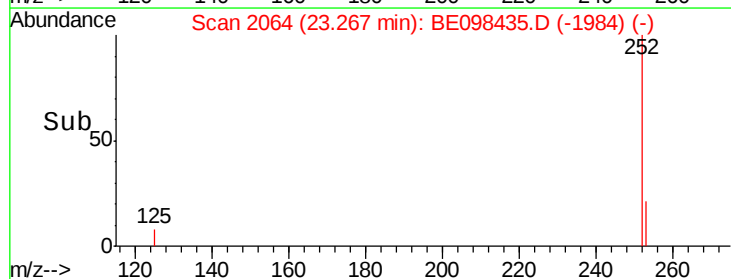
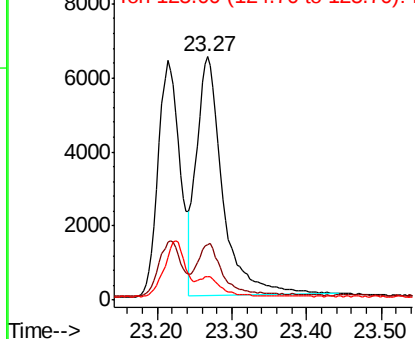
252 100

253 22.8 19.0 28.6

125 9.6 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: 0.391 ng

RT: 23.88 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

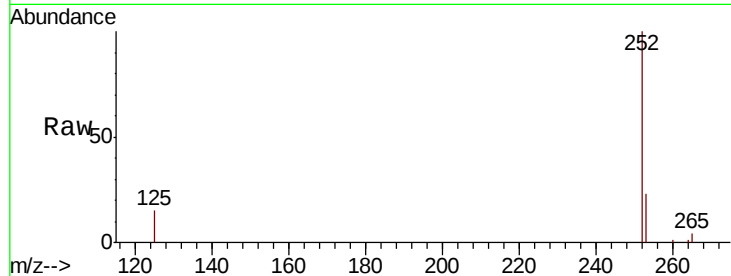
Tgt Ion:252 Resp: 13508

Ion Ratio Lower Upper

252 100

253 23.3 20.6 30.8

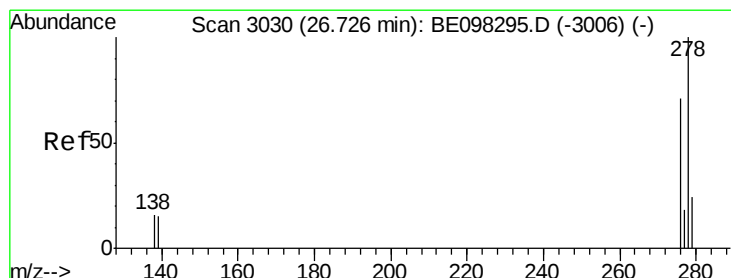
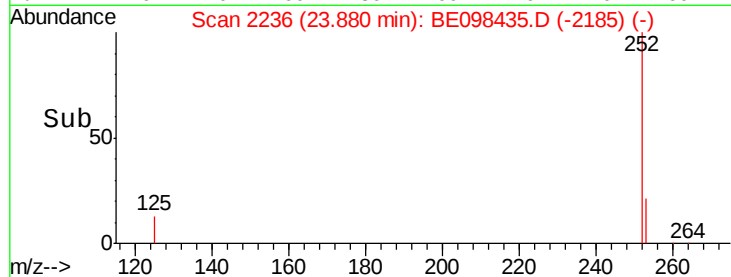
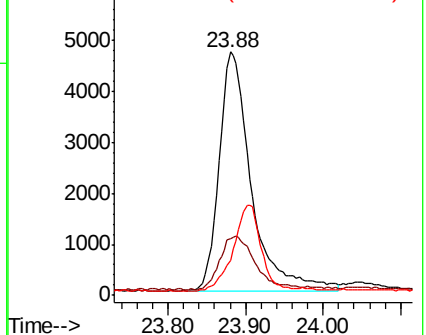
125 14.5 10.5 15.7



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: 0.382 ng

RT: 26.71 min Scan# 3025

Delta R.T. -0.02 min

Lab File: BE098435.D

Acq: 14 Dec 2018 14:41

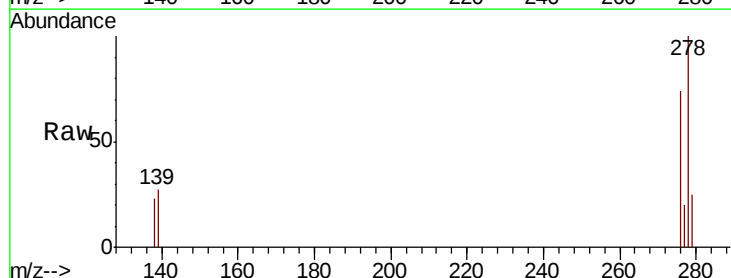
Tgt Ion:278 Resp: 12446

Ion Ratio Lower Upper

278 100

139 27.1 14.5 21.7#

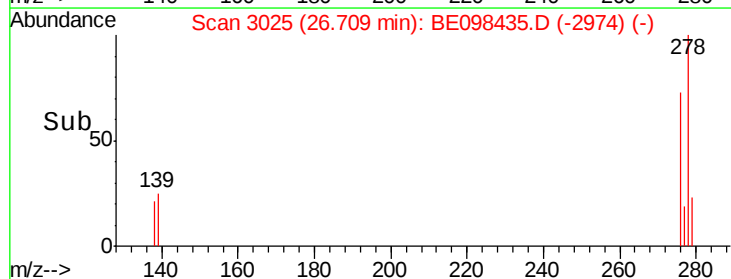
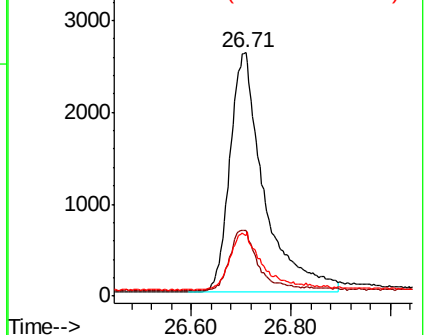
279 24.9 21.8 32.8



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: 0.382 ng

RT: 27.50 min Scan# 3247

Delta R.T. -0.02 min

Lab File: BE098435.D

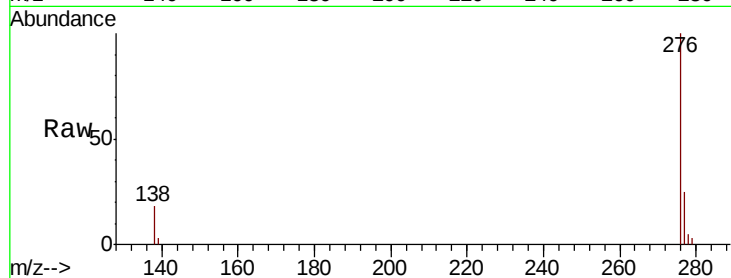
Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampleId :

DFTPP



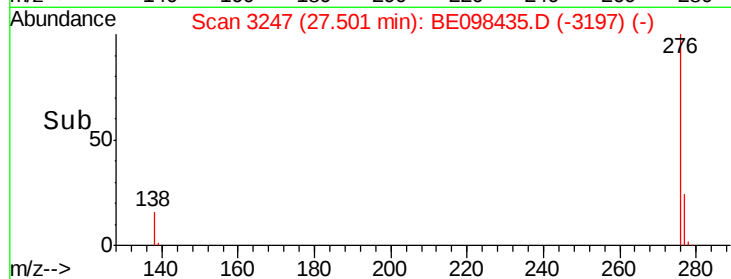
Tgt Ion: 276 Resp: 12528

Ion Ratio Lower Upper

276 100

277 24.9 20.8 31.2

138 17.7 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

