

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
 Data File : BE098281.D
 Acq On : 29 Nov 2018 19:32
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Nov 30 00:30:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 13:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	2121	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	8917	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5851	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	14980	0.40	ng	0.00
27) Chrysene-d12	21.46	240	15867	0.40	ng	0.00
34) Perylene-d12	24.02	264	14282	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	2246	0.40	ng	0.01
5) Phenol-d6	7.04	99	3264	0.41	ng	0.00
8) Nitrobenzene-d5	9.02	82	3484	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	5921	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	1020	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	9106	0.38	ng	0.00
25) Fluoranthene-d10	19.31	212	75126	0.37	ng	0.00
29) Terphenyl-d14	19.91	244	14963	0.42	ng	0.00

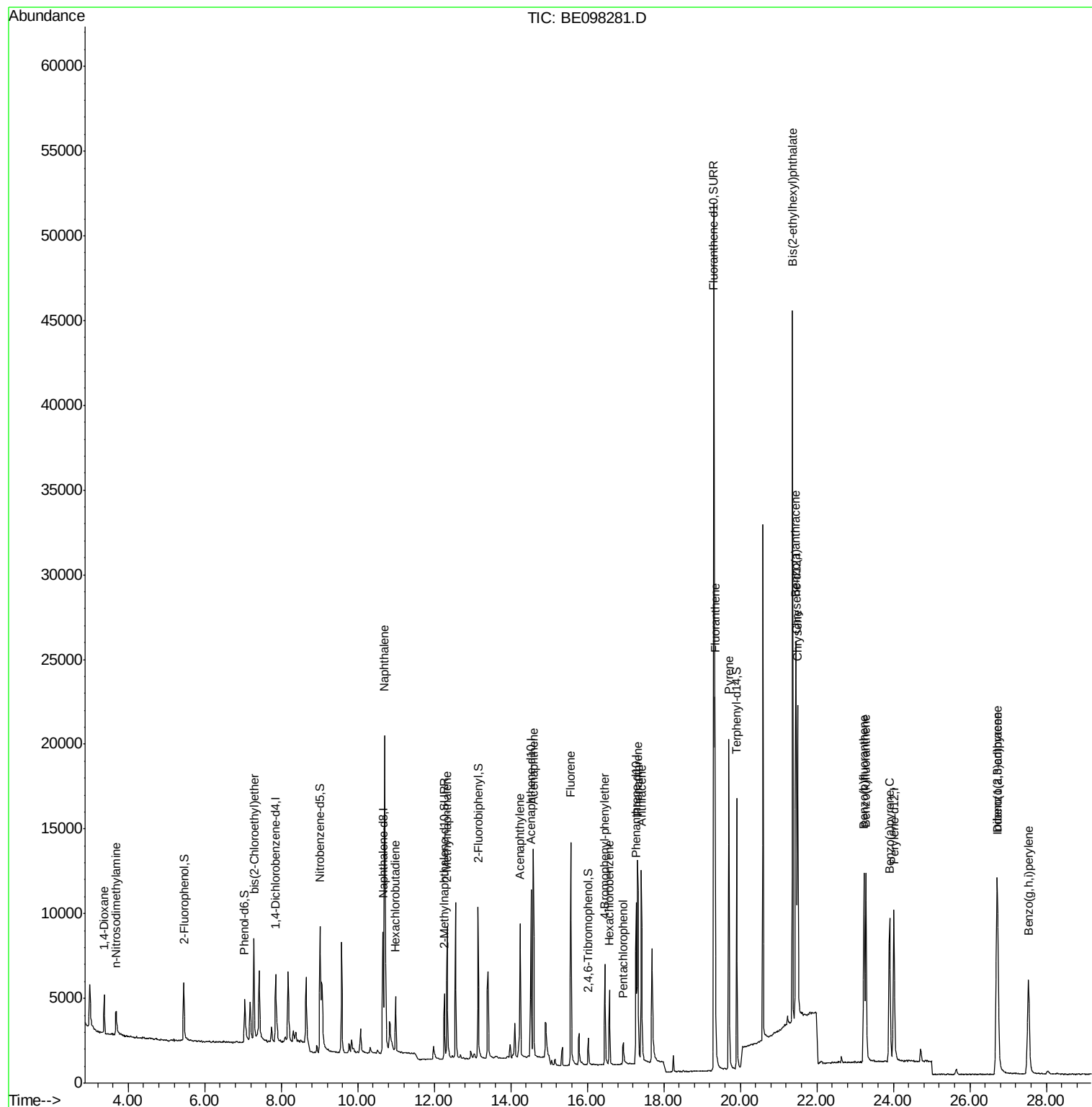
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	1250	0.328	ng	94
3) n-Nitrosodimethylamine	3.68	42	1460	0.359	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	2828	0.385	ng	97
9) Naphthalene	10.71	128	35608	0.397	ng	100
10) Hexachlorobutadiene	10.99	225	2233	0.389	ng	97
12) 2-Methylnaphthalene	12.34	142	5886	0.396	ng	98
16) Acenaphthylene	14.24	152	10572	0.387	ng	99
17) Acenaphthene	14.59	154	6330	0.389	ng	99
18) Fluorene	15.57	166	8625	0.400	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	3284	0.387	ng	95
21) Hexachlorobenzene	16.58	284	3413	0.389	ng	96
22) Pentachlorophenol	16.94	266	981	0.372	ng	94
23) Phenanthrene	17.31	178	14558	0.391	ng	99
24) Anthracene	17.41	178	13480	0.389	ng	99
26) Fluoranthene	19.34	202	18726	0.369	ng	100
28) Pyrene	19.70	202	19472	0.443	ng	99
30) Benzo(a)anthracene	21.45	228	17881	0.383	ng	99
31) Chrysene	21.50	228	18317	0.386	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	44312	0.396	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	18049	0.376	ng	98
35) Benzo(b)fluoranthene	23.23	252	16383	0.391	ng	98
36) Benzo(k)fluoranthene	23.28	252	17327	0.394	ng	99
37) Benzo(a)pyrene	23.90	252	15966	0.396	ng	97
38) Dibenzo(a,h)anthracene	26.72	278	14984	0.392	ng	98
39) Benzo(g,h,i)perylene	27.53	276	14934	0.390	ng	98

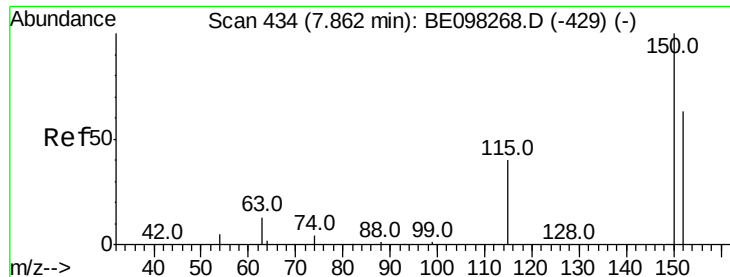
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 29 13:50:43 2018
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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: BE098281.D

Acq: 29 Nov 2018 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

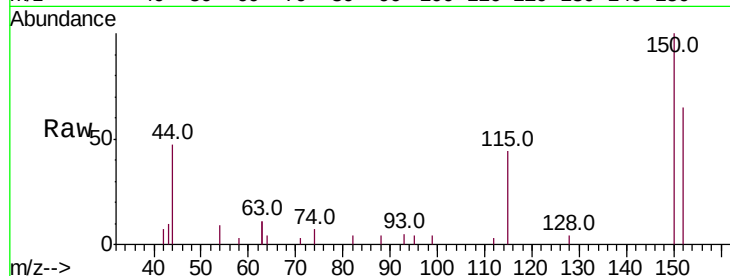
Tot Ion:152 Resp: 2121

Ion Ratio Lower Upper

152 100

150 153.1 124.2 186.4

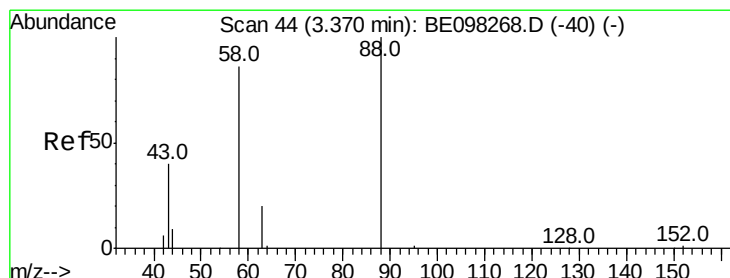
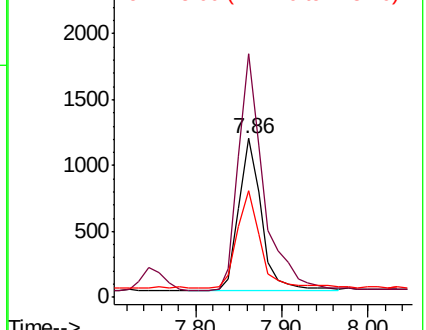
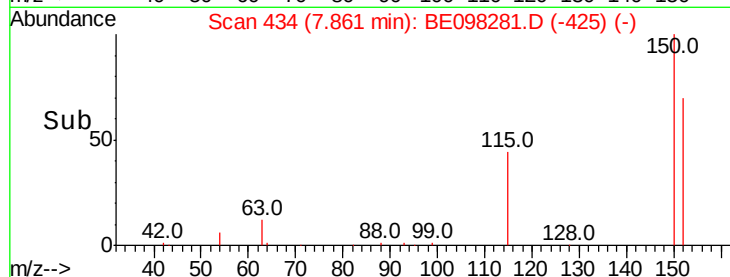
115 66.7 53.9 80.9



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: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

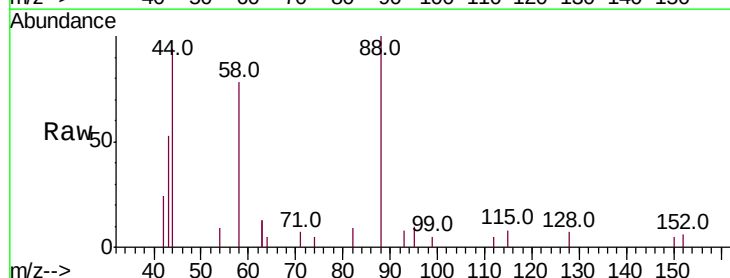
Tgt Ion: 88 Resp: 1250

Ion Ratio Lower Upper

88 100

58 100.0 75.0 112.6

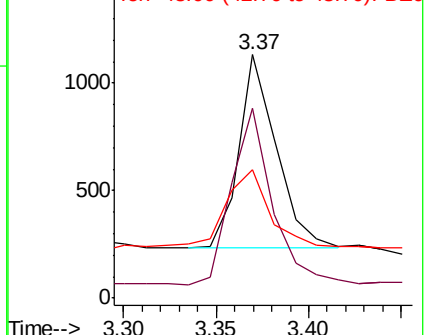
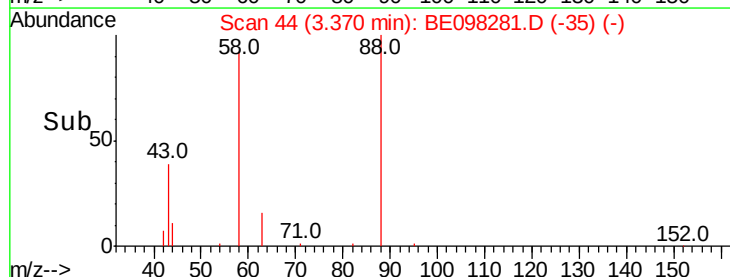
43 50.4 38.3 57.5

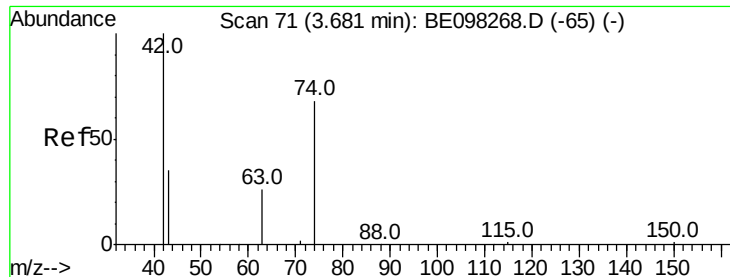


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.359 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

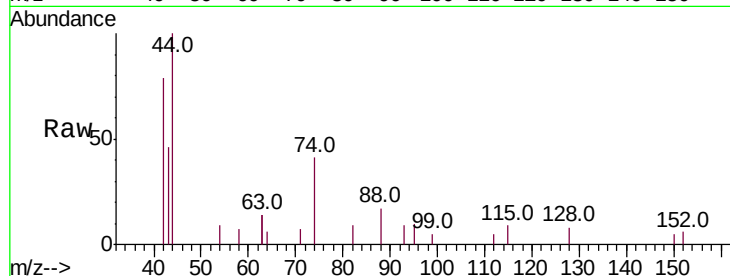
Tot Ion: 42 Resp: 1460

Ion Ratio Lower Upper

42 100

74 82.7 0.0 0.0#

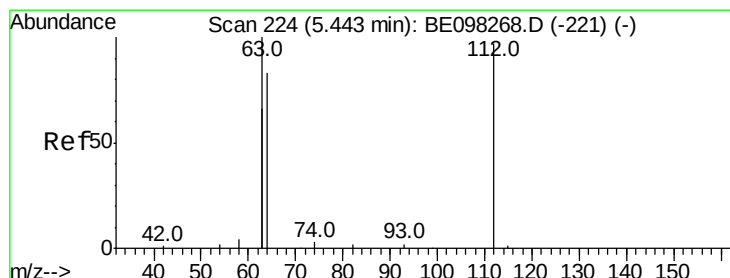
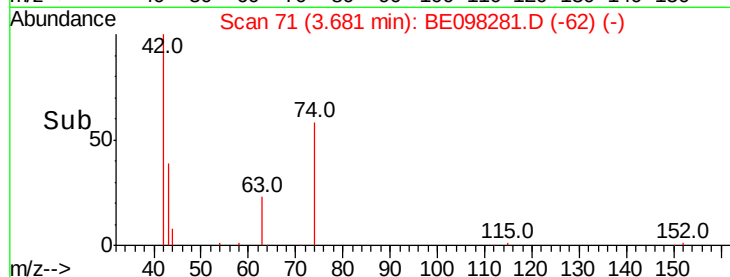
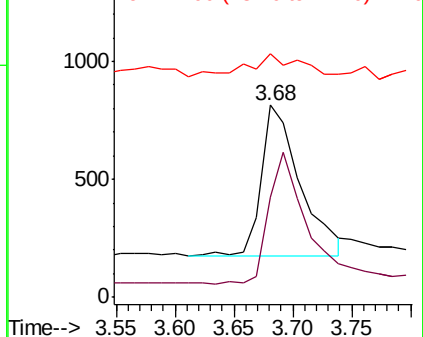
44 21.8 0.0 0.0#



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: 0.397 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

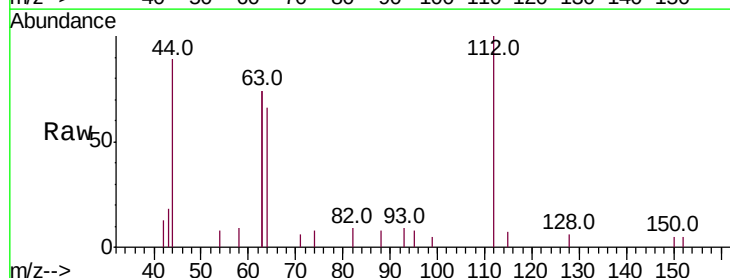
Tgt Ion: 112 Resp: 2246

Ion Ratio Lower Upper

112 100

64 76.5 59.8 89.8

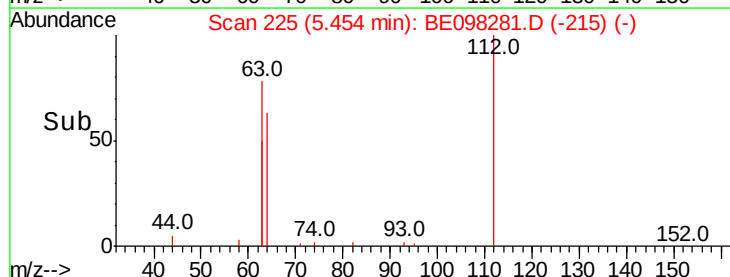
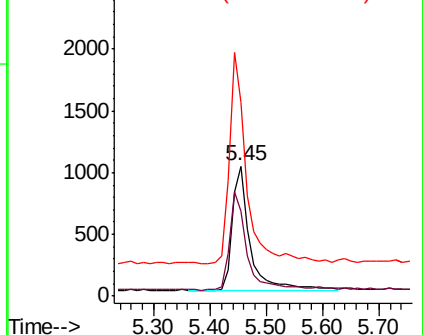
63 164.0 133.7 200.5

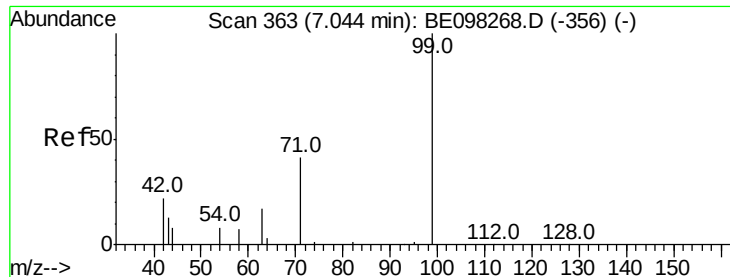


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.409 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

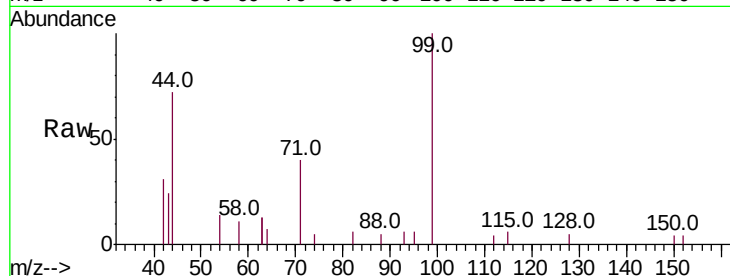
Tot Ion: 99 Resp: 3264

Ion Ratio Lower Upper

99 100

42 29.0 26.3 39.5

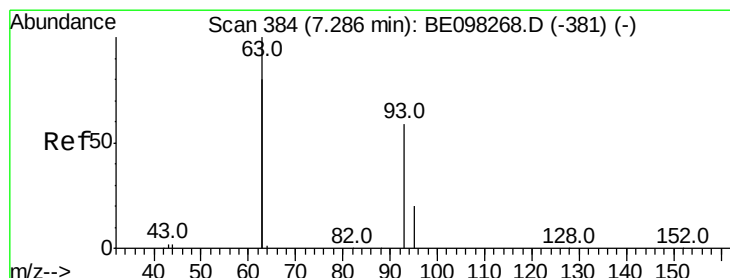
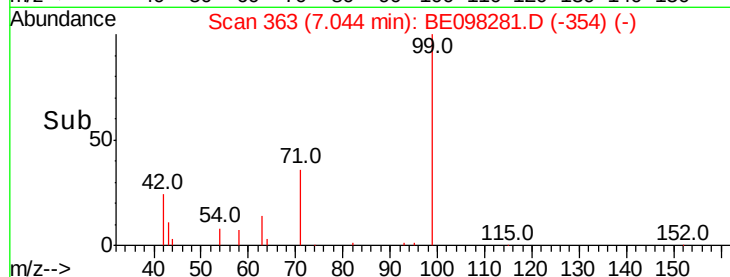
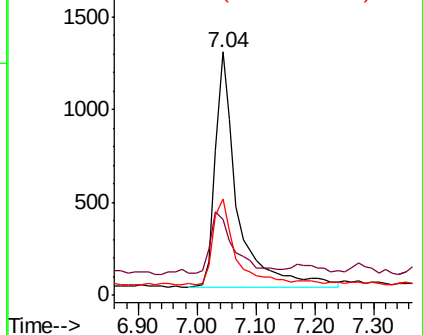
71 35.8 33.6 50.4



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



#6

bis(2-Chloroethyl)ether

Concen: 0.385 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

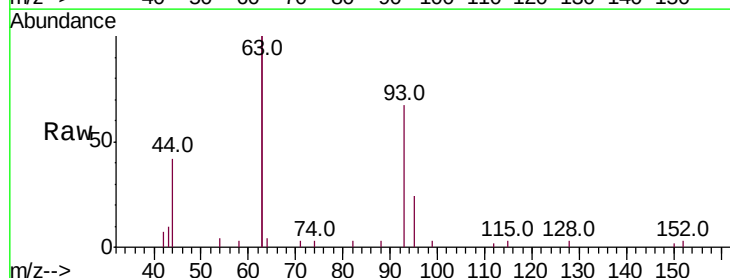
Tgt Ion: 93 Resp: 2828

Ion Ratio Lower Upper

93 100

63 324.1 264.4 396.6

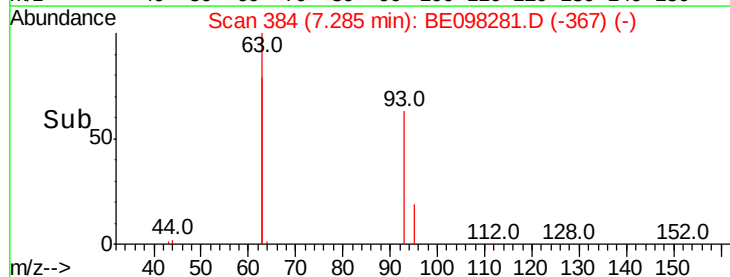
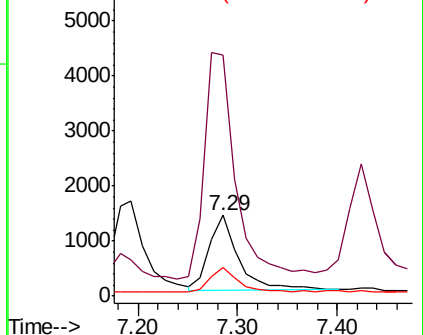
95 30.3 26.6 40.0

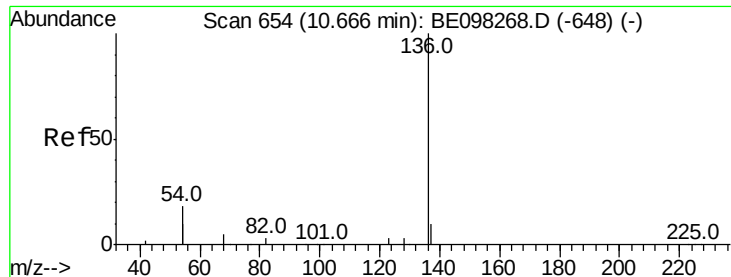


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 8917

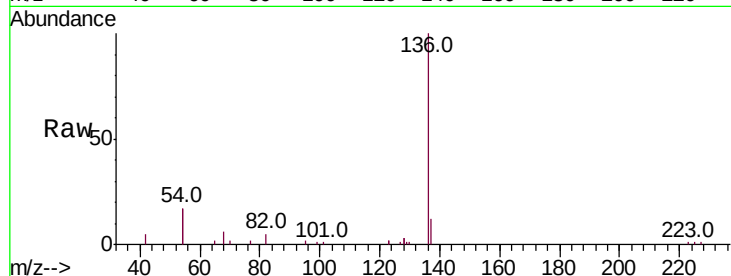
Ion Ratio Lower Upper

136 100

137 12.2 9.2 13.8

54 33.9 28.4 42.6

68 5.9 5.4 8.0

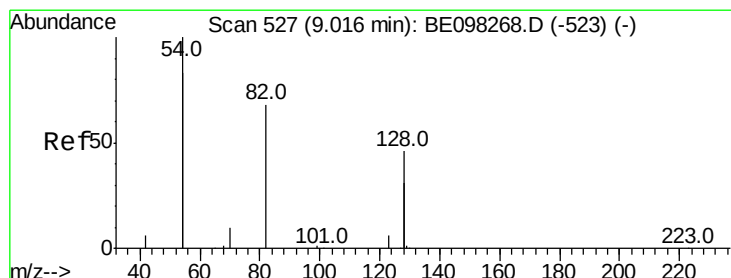
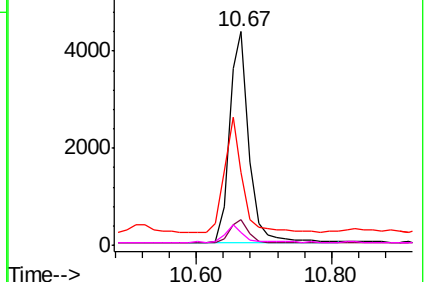
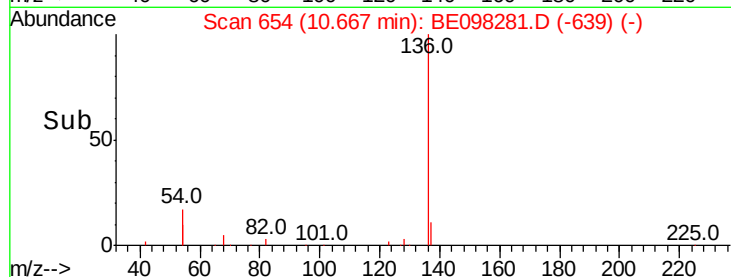


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.386 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

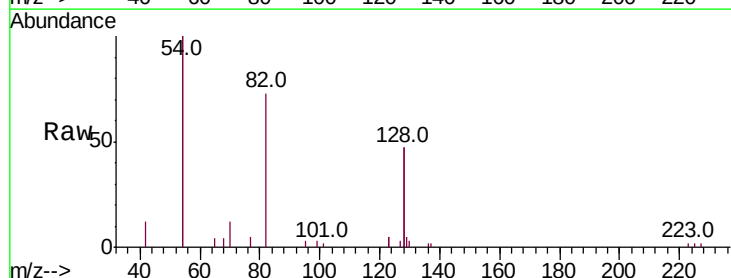
Tgt Ion: 82 Resp: 3484

Ion Ratio Lower Upper

82 100

128 129.0 102.4 153.6

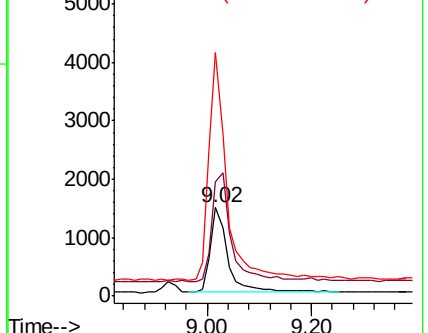
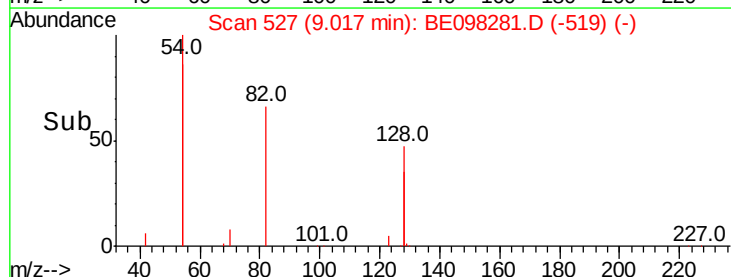
54 274.9 221.8 332.8

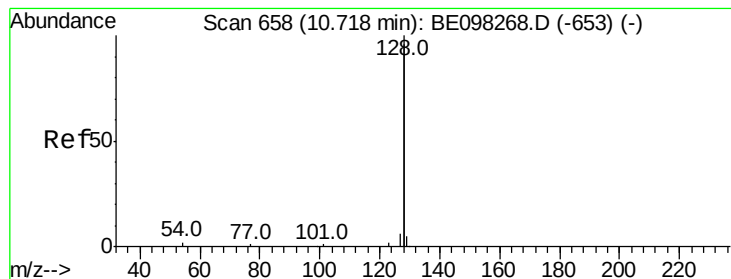


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.397 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

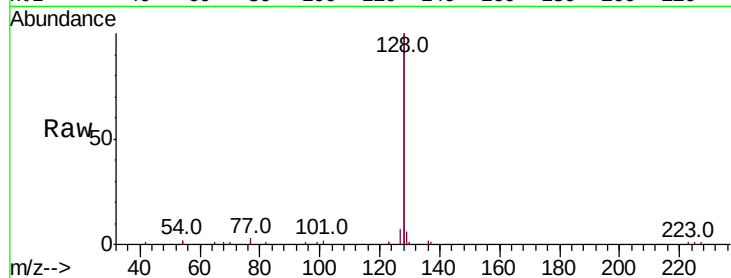
Tot Ion:128 Resp: 35608

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

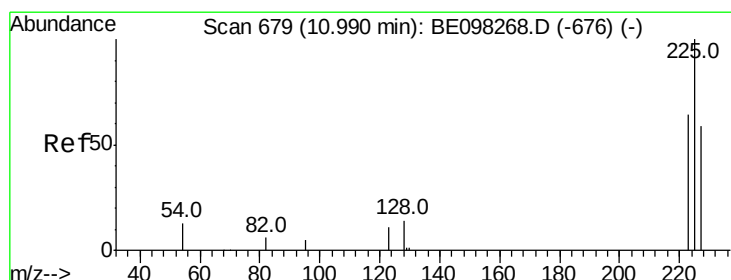
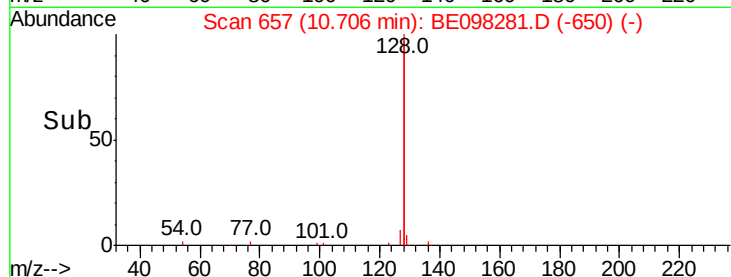
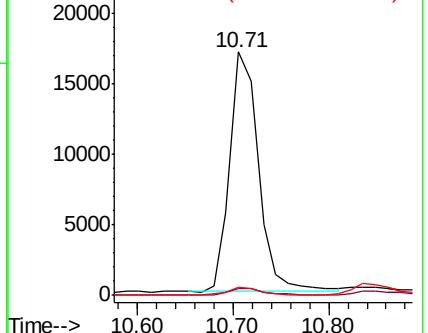
127 3.6 2.7 4.1



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: 0.389 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

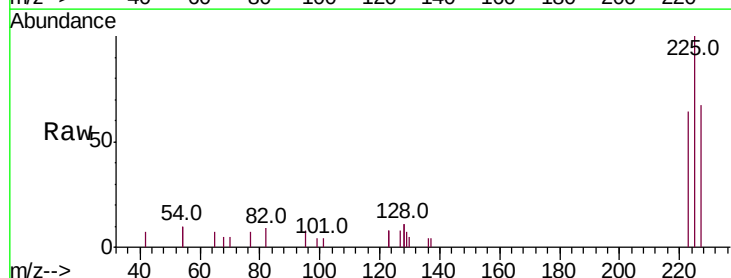
Tgt Ion:225 Resp: 2233

Ion Ratio Lower Upper

225 100

223 65.0 49.4 74.0

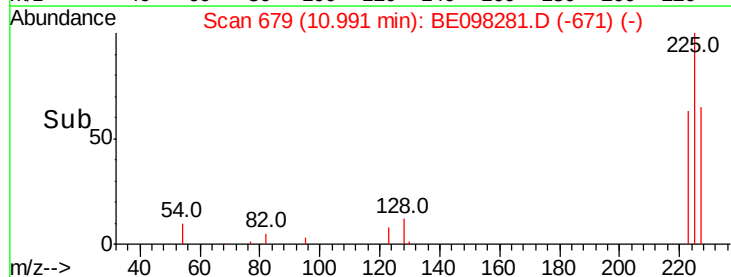
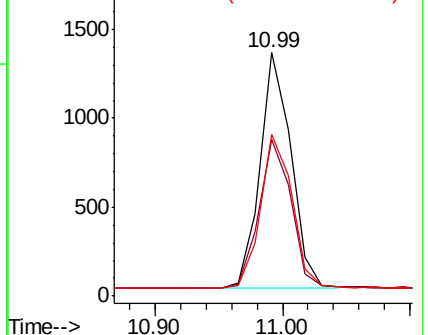
227 66.2 52.0 78.0

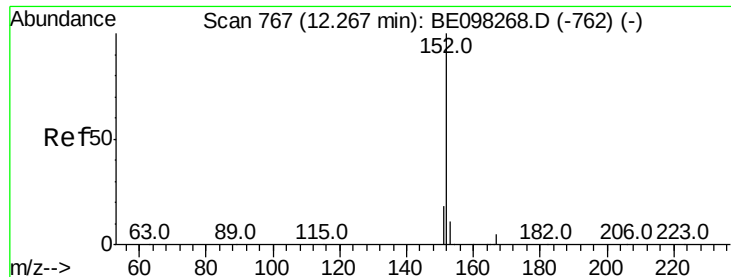


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

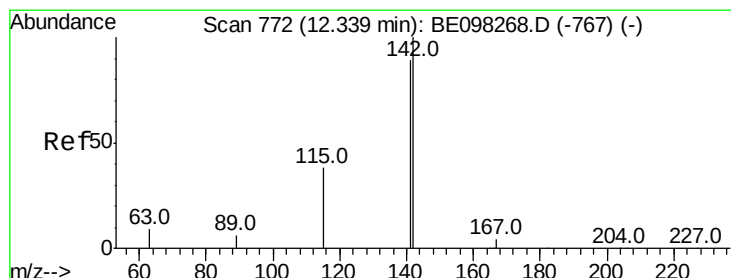
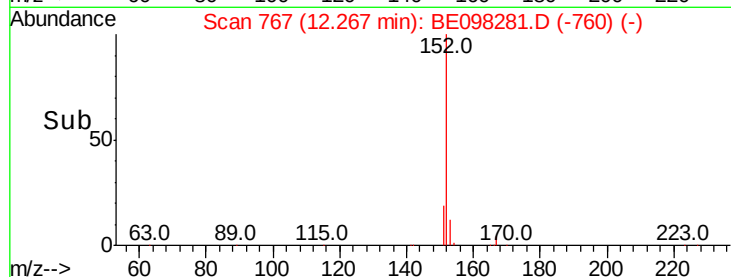
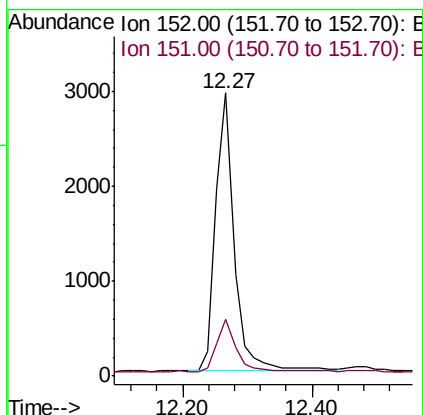
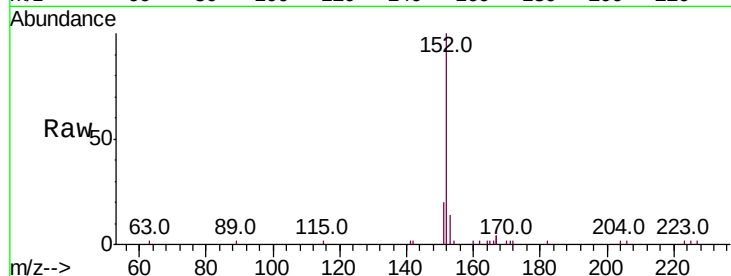




#11
 2-Methylnaphthalene-d10
 Concen: 0.409 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098281.D
 Acq: 29 Nov 2018 19:32

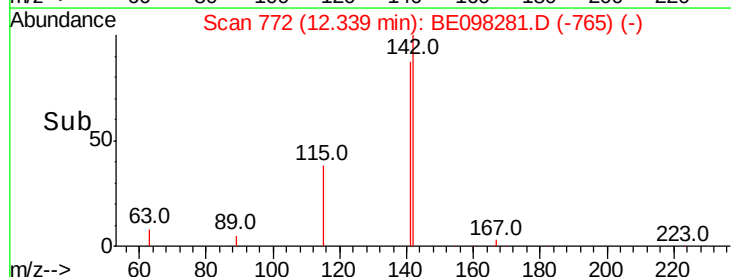
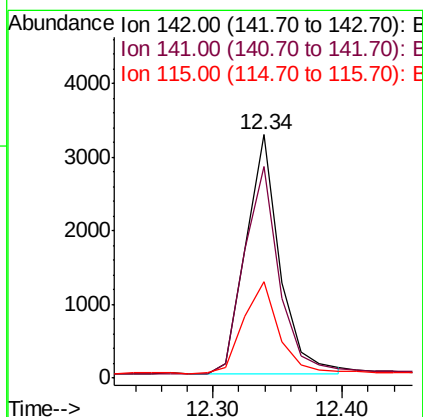
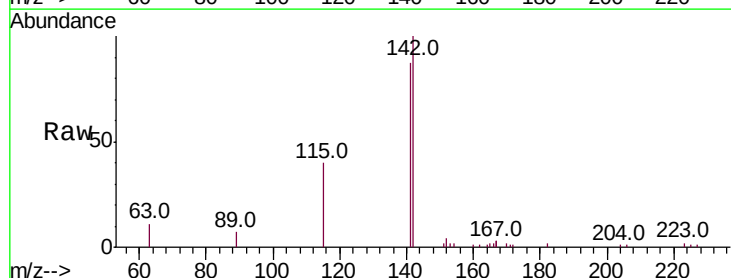
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

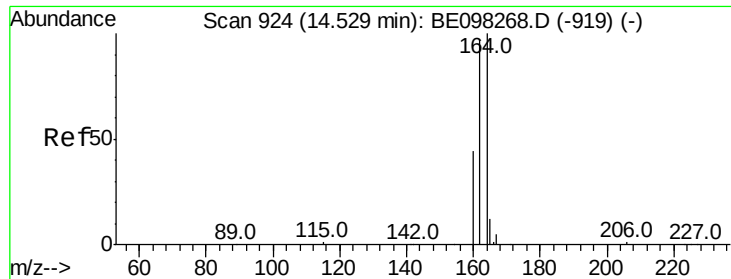
Tot Ion:152 Resp: 5921
 Ion Ratio Lower Upper
 152 100
 151 19.4 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.396 ng
 RT: 12.34 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BE098281.D
 Acq: 29 Nov 2018 19:32

Tgt Ion:142 Resp: 5886
 Ion Ratio Lower Upper
 142 100
 141 87.0 71.0 106.6
 115 39.6 32.2 48.2

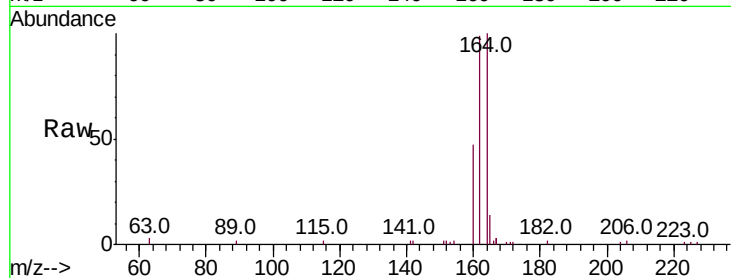




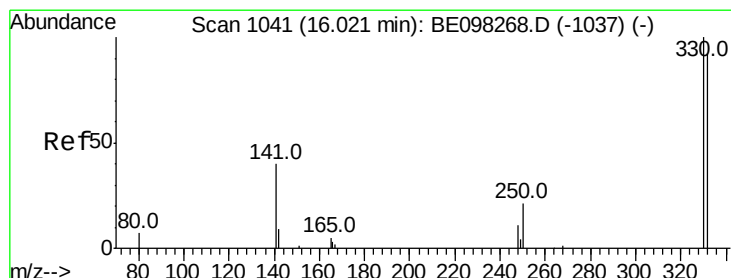
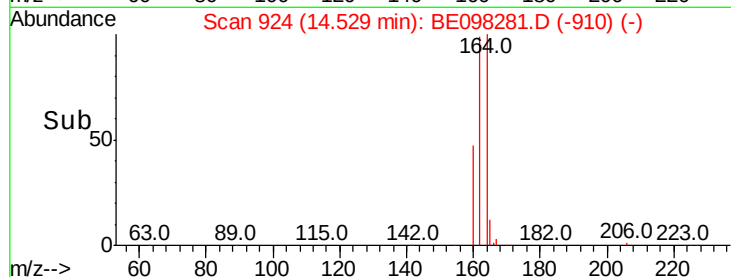
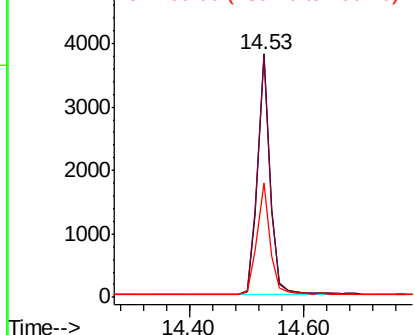
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098281.D
 Acq: 29 Nov 2018 19:32

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:164 Resp: 5851
 Ion Ratio Lower Upper
 164 100
 162 99.5 77.6 116.4
 160 47.2 36.0 54.0

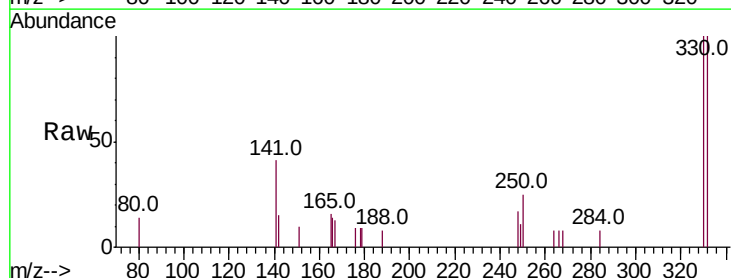


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

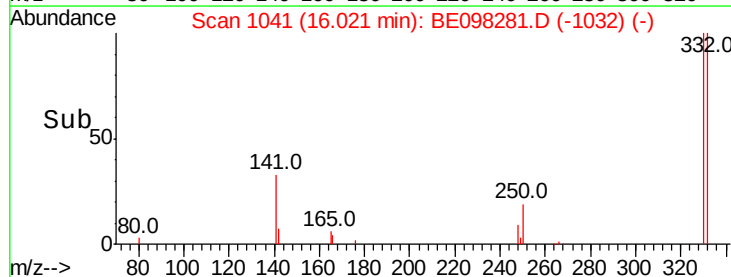
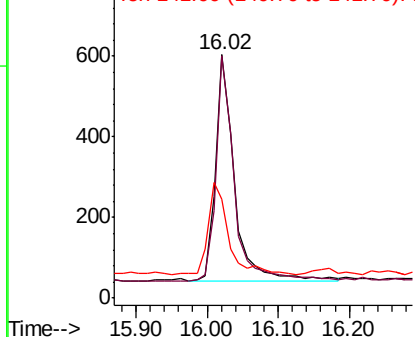


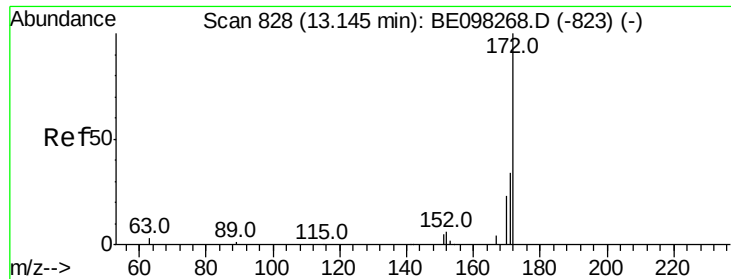
#14
 2,4,6-Tribromophenol
 Concen: 0.368 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098281.D
 Acq: 29 Nov 2018 19:32

Tgt Ion:330 Resp: 1020
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.2 114.4
 141 45.0 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

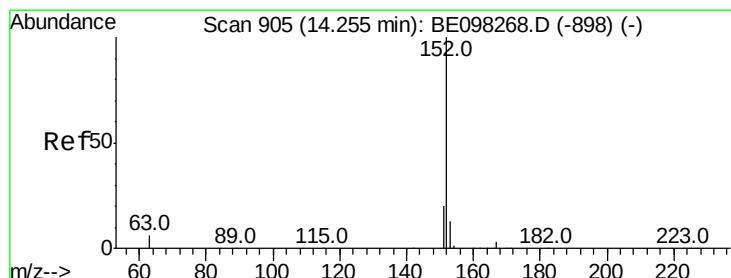
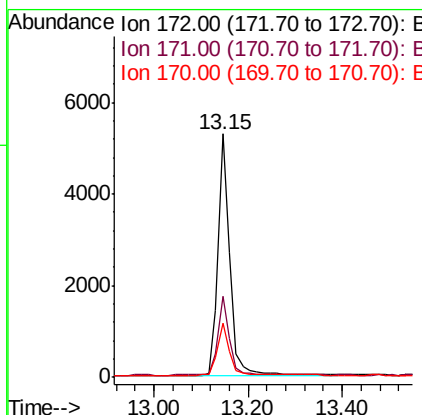
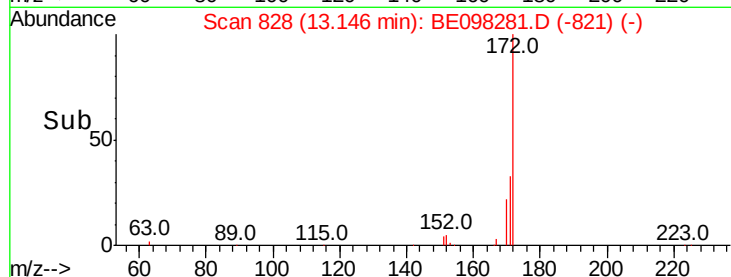
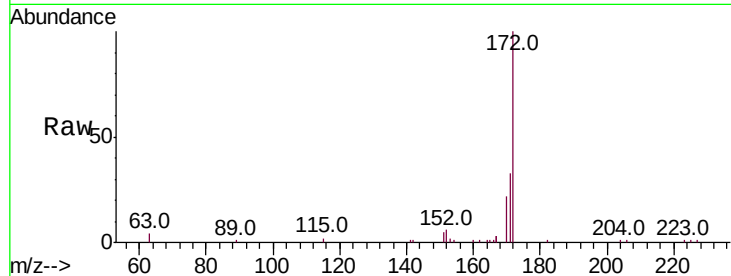




#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

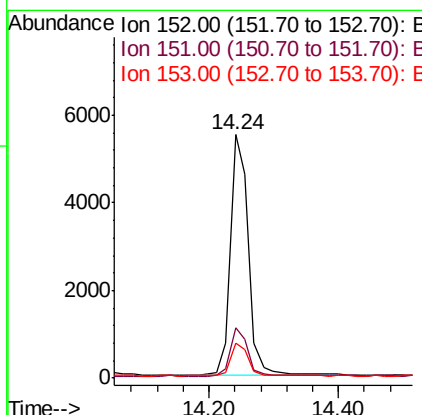
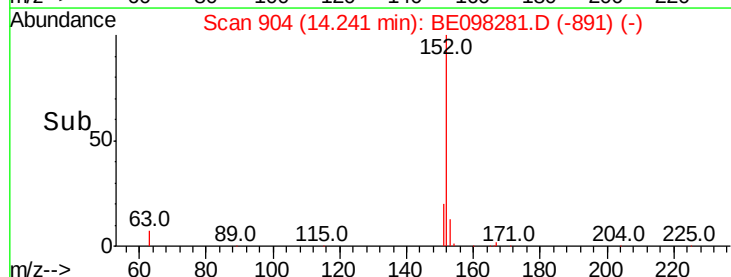
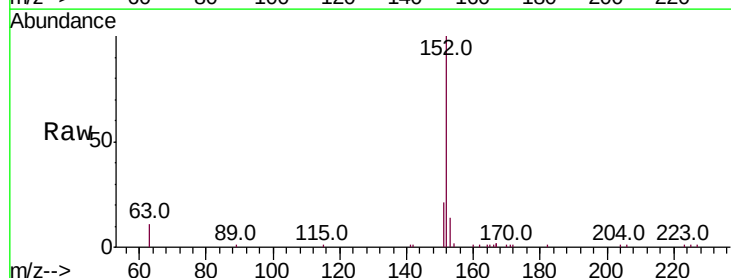
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

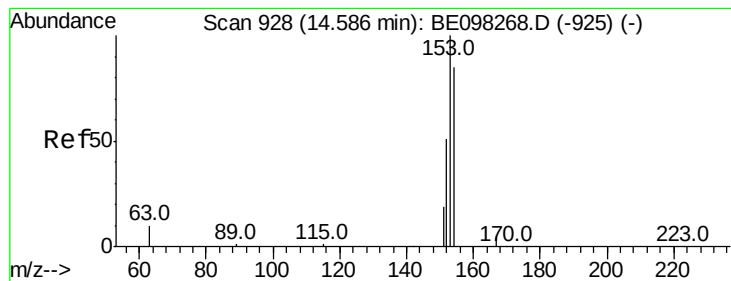
Tot Ion:172 Resp: 9106
Ion Ratio Lower Upper
172 100
171 33.4 27.5 41.3
170 22.3 19.6 29.4



#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.01 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion:152 Resp: 10572
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.5 10.6 16.0





#17

Acenaphthene

Concen: 0.389 ng

RT: 14.59 min Scan# 928

Delta R.T. 0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

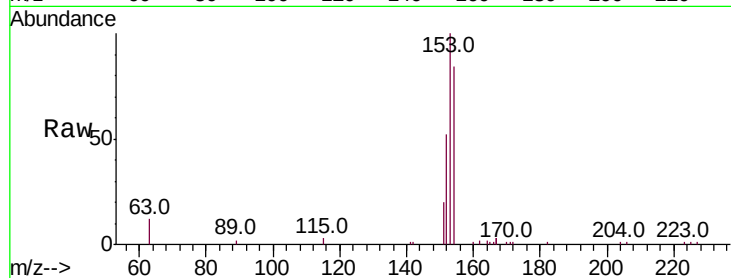
Tot Ion:154 Resp: 6330

Ion Ratio Lower Upper

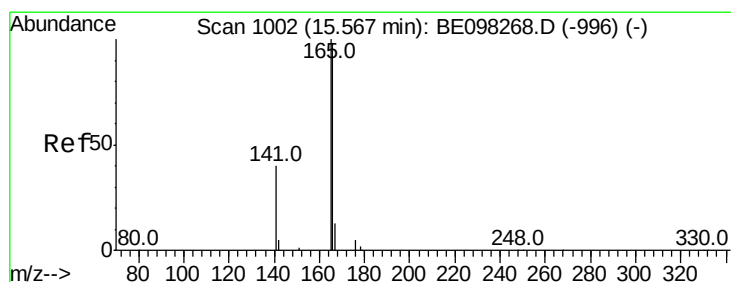
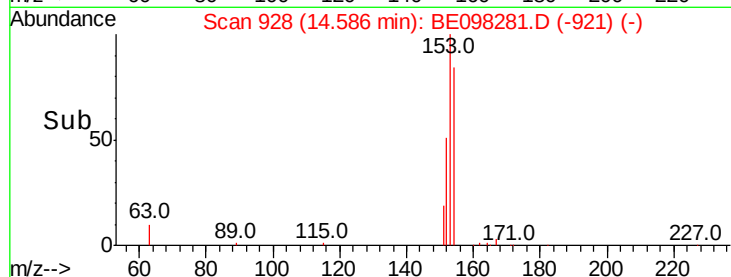
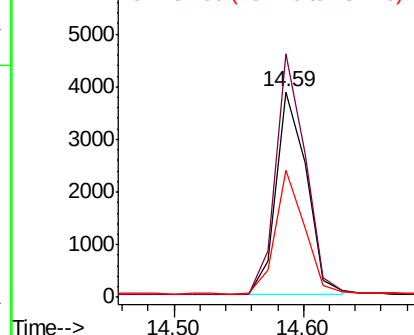
154 100

153 115.5 91.8 137.6

152 57.8 45.5 68.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.400 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

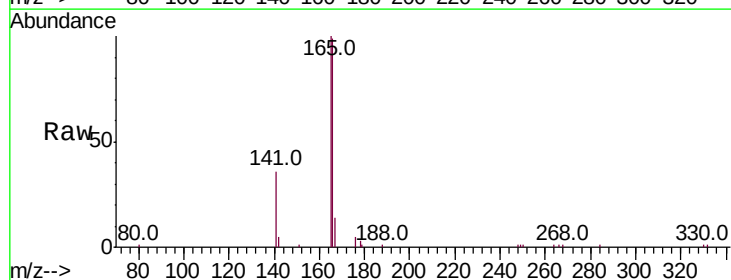
Tgt Ion:166 Resp: 8625

Ion Ratio Lower Upper

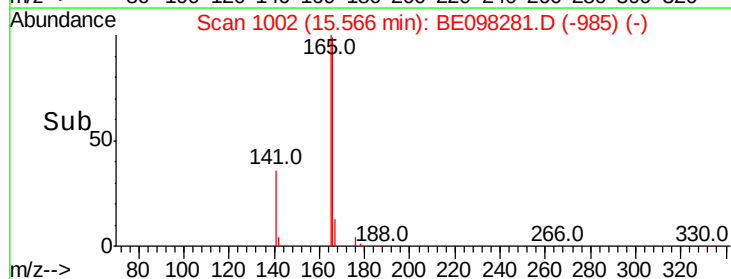
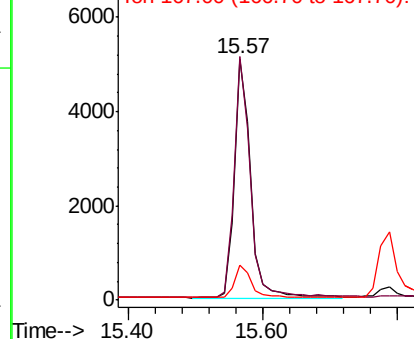
166 100

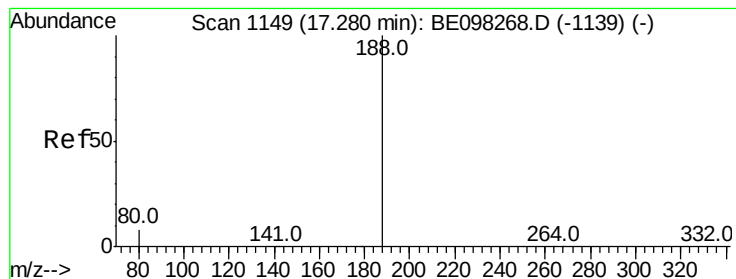
165 100.0 79.3 118.9

167 13.6 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

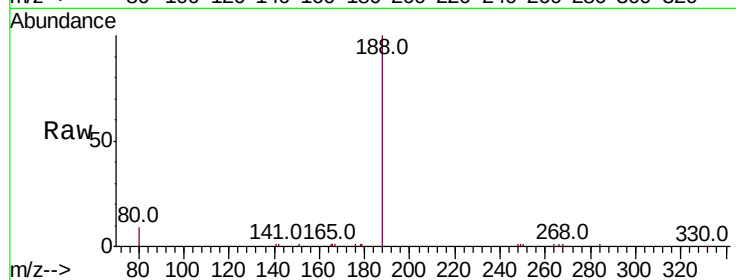
Tot Ion:188 Resp: 14980

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

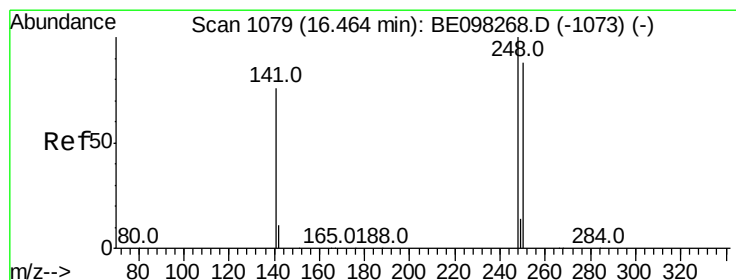
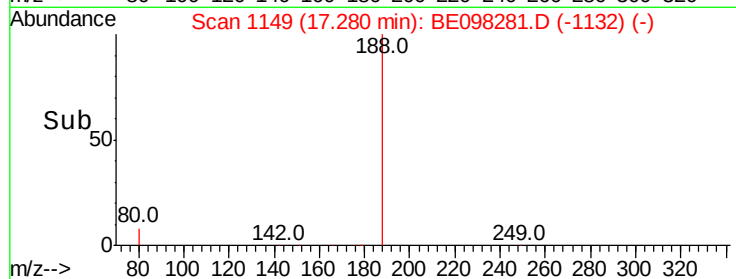
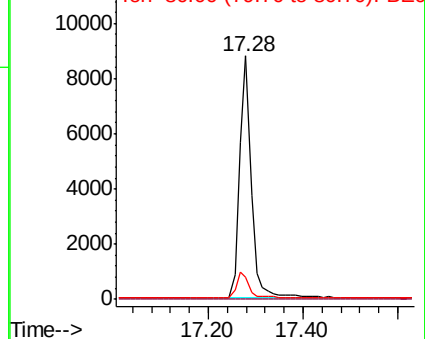
80 8.9 7.2 10.8



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: 0.387 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

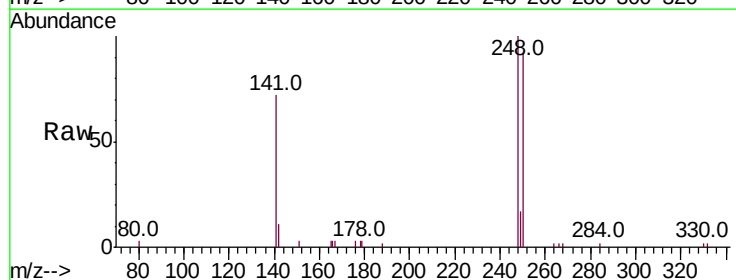
Tgt Ion:248 Resp: 3284

Ion Ratio Lower Upper

248 100

250 92.1 71.0 106.6

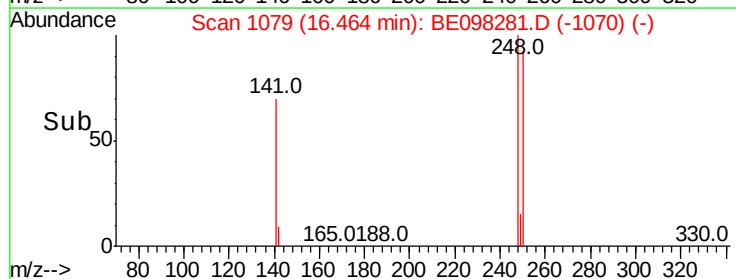
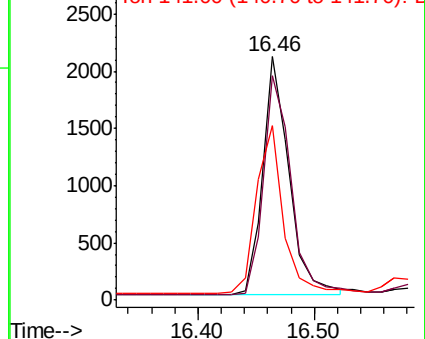
141 71.8 62.1 93.1

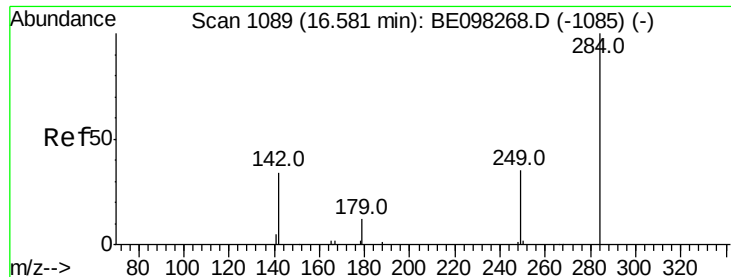


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

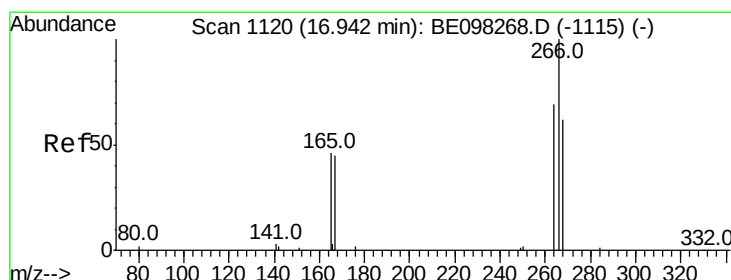
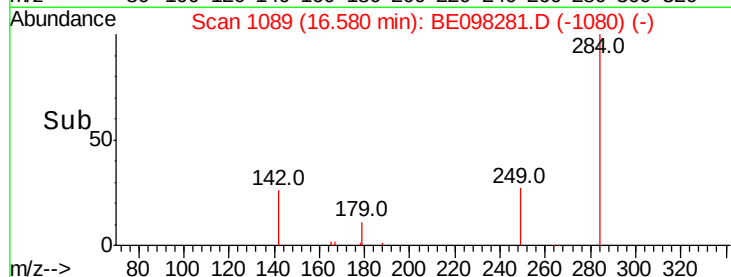
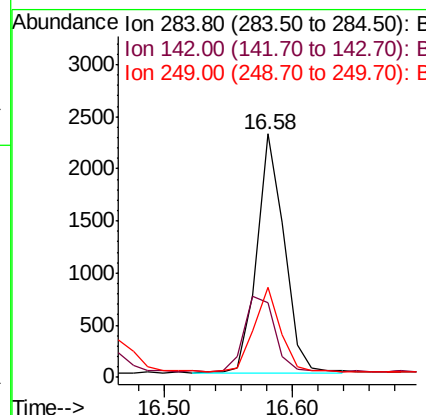
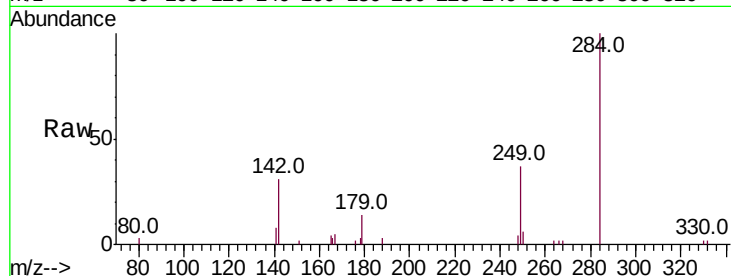




#21
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

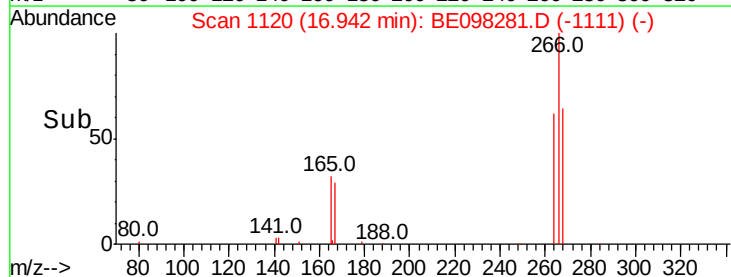
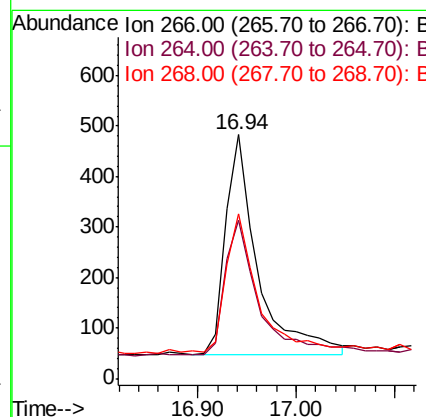
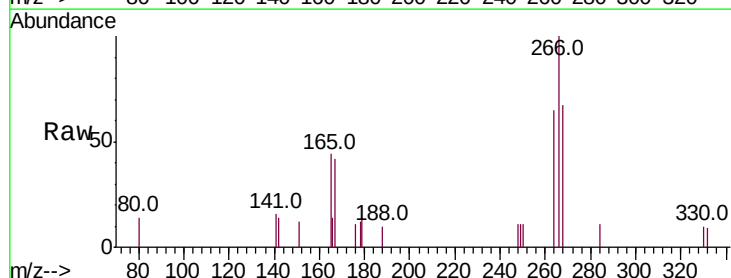
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

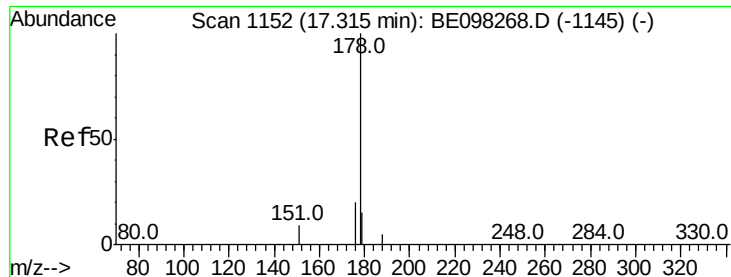
Tot Ion:284 Resp: 3413
Ion Ratio Lower Upper
284 100
142 35.3 26.3 39.5
249 34.0 26.0 39.0



#22
Pentachlorophenol
Concen: 0.372 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion:266 Resp: 981
Ion Ratio Lower Upper
266 100
264 65.0 59.0 88.4
268 67.5 55.1 82.7





#23

Phenanthrene

Concen: 0.391 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

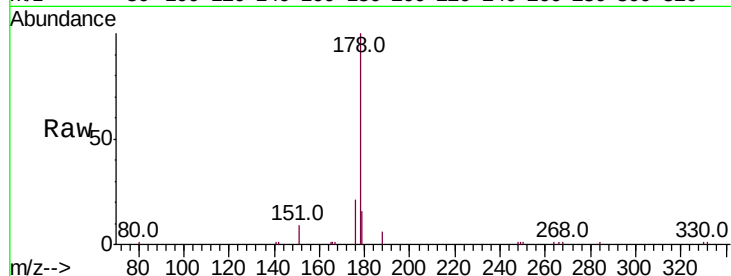
Tot Ion:178 Resp: 14558

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

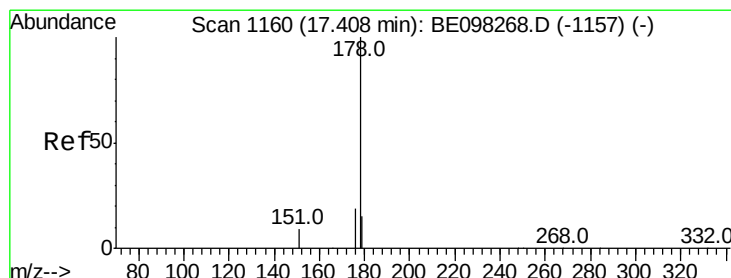
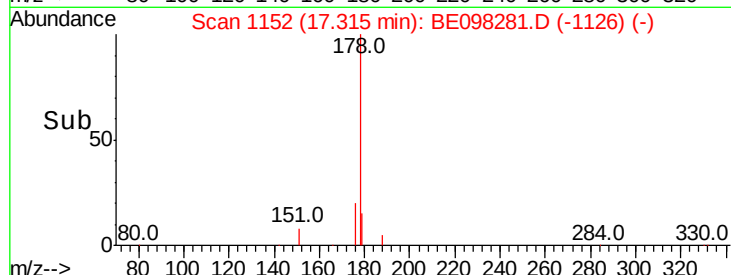
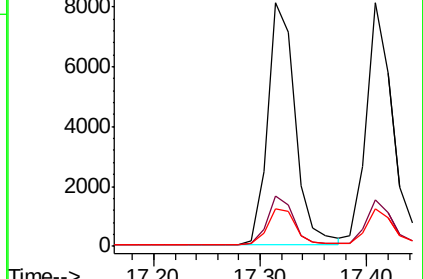
179 15.6 12.3 18.5



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: 0.389 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

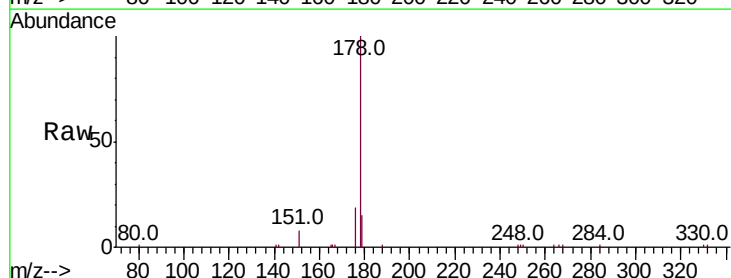
Tgt Ion:178 Resp: 13480

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

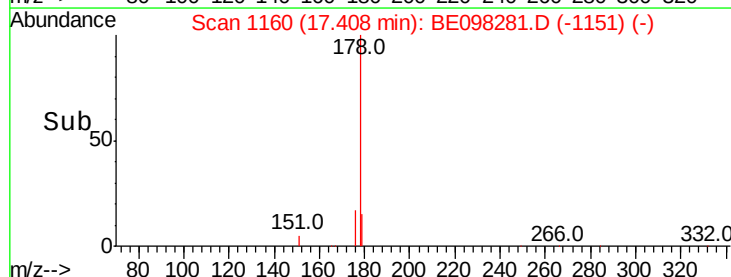
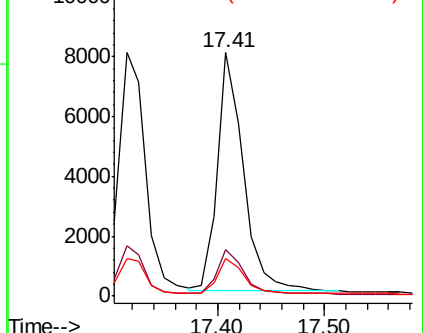
179 15.0 12.3 18.5

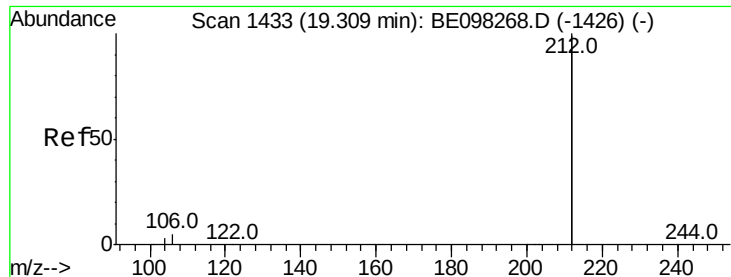


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.372 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

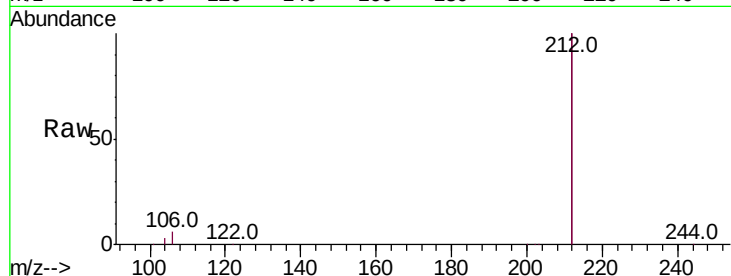
Tot Ion:212 Resp: 75126

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

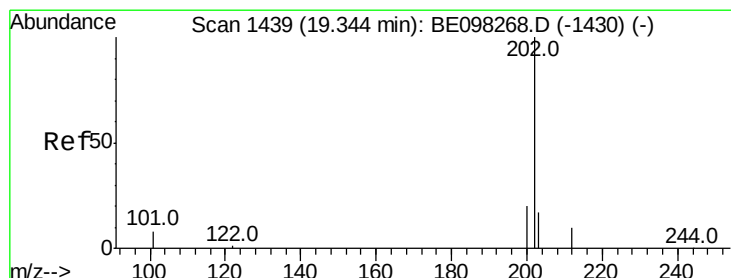
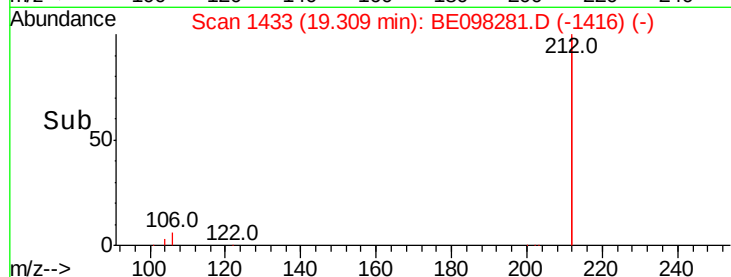
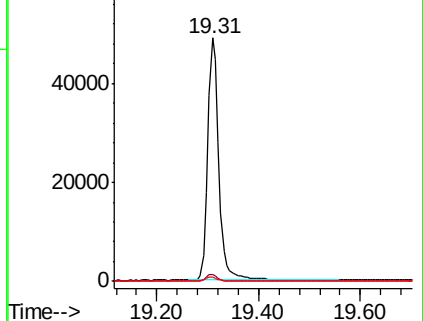
104 1.6 1.3 1.9



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: 0.369 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

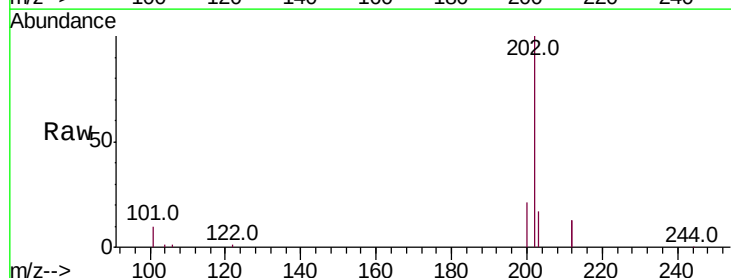
Tgt Ion:202 Resp: 18726

Ion Ratio Lower Upper

202 100

101 10.1 8.0 12.0

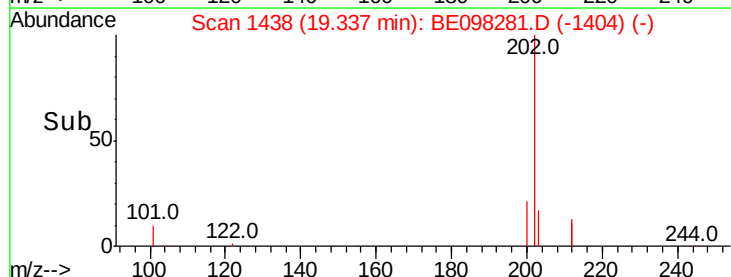
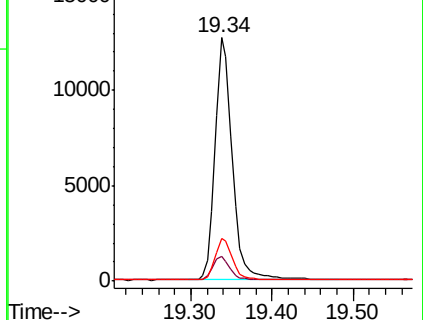
203 16.9 13.8 20.6

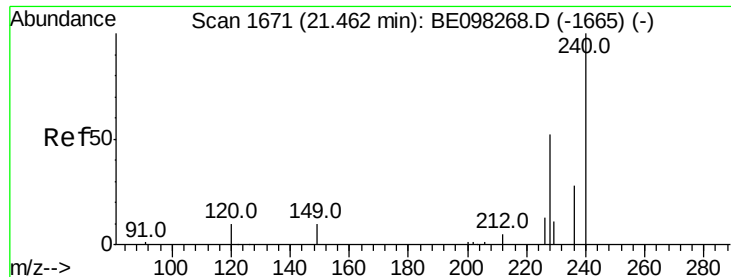


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

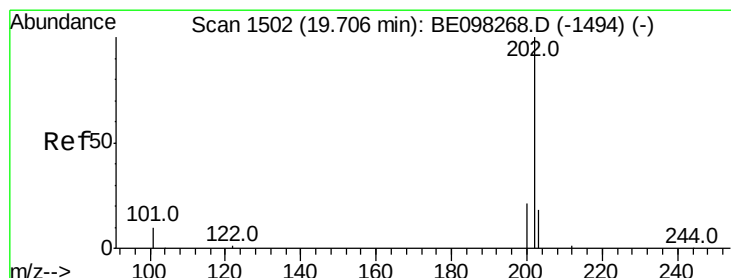
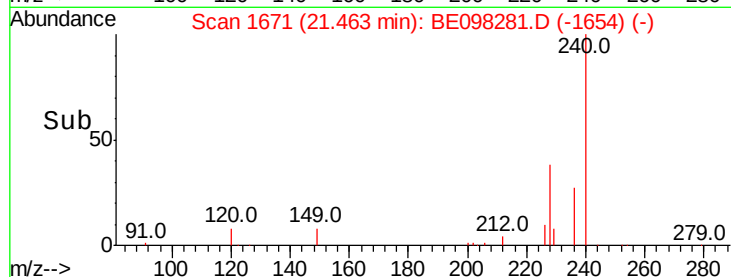
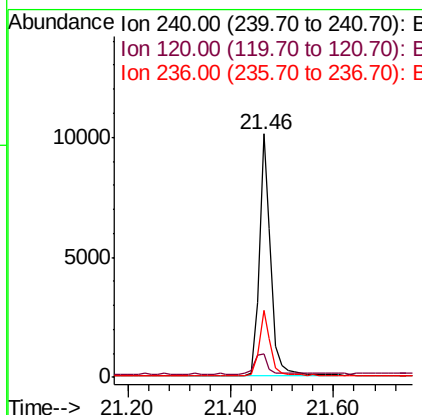
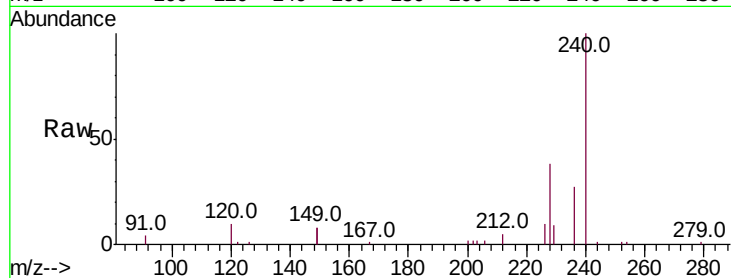




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BE098281.D
 Acq: 29 Nov 2018 19:32

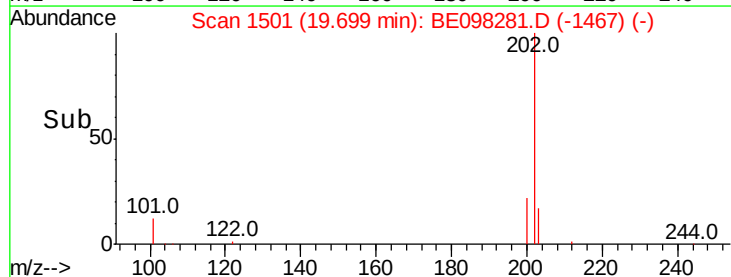
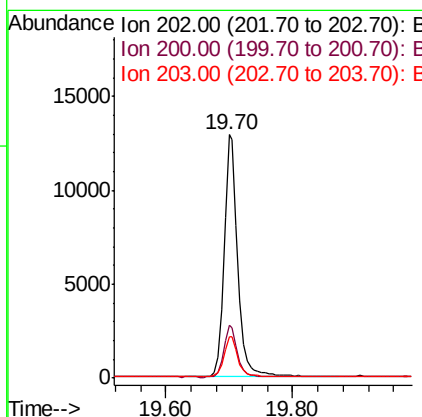
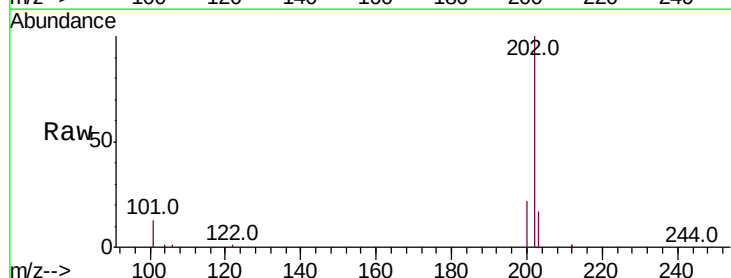
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

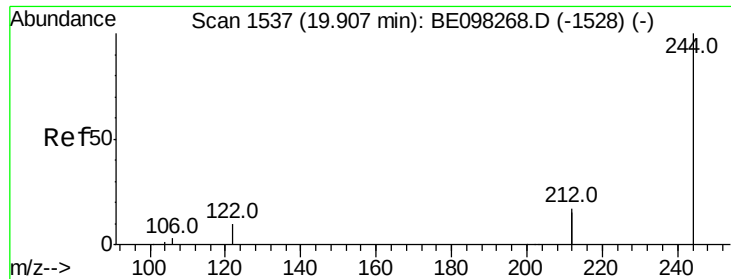
Tot Ion:240 Resp: 15867
 Ion Ratio Lower Upper
 240 100
 120 9.5 9.5 14.3
 236 27.4 22.7 34.1



#28
 Pyrene
 Concen: 0.443 ng
 RT: 19.70 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BE098281.D
 Acq: 29 Nov 2018 19:32

Tgt Ion:202 Resp: 19472
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.7 25.1
 203 17.1 14.1 21.1





#29

Terphenyl-d14

Concen: 0.419 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

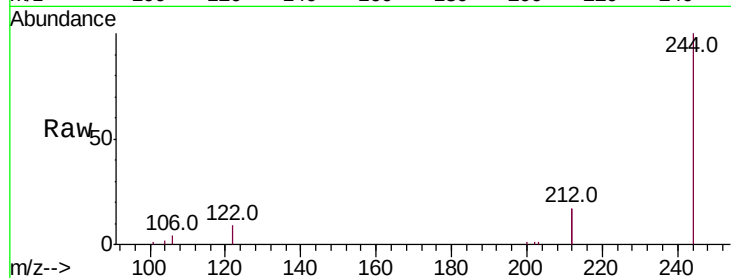
Tot Ion:244 Resp: 14963

Ion Ratio Lower Upper

244 100

212 33.4 27.4 41.0

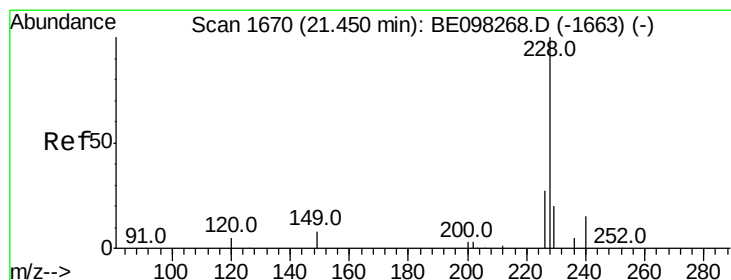
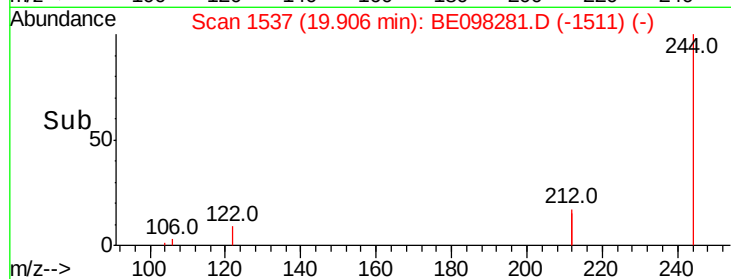
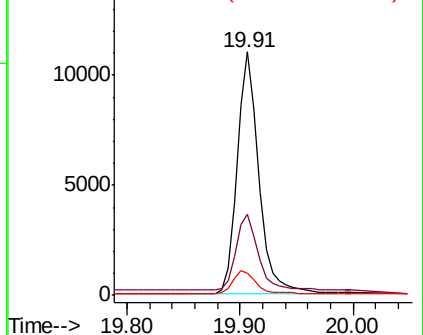
122 9.3 8.3 12.5



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: 0.383 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

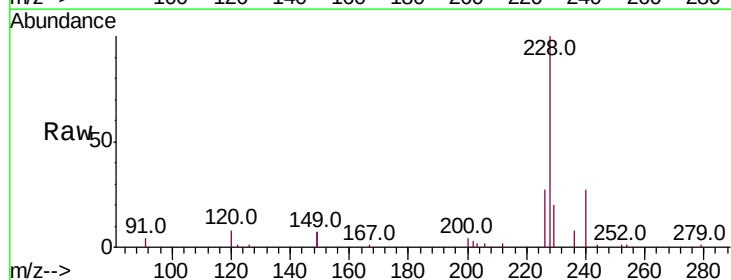
Tgt Ion:228 Resp: 17881

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.8

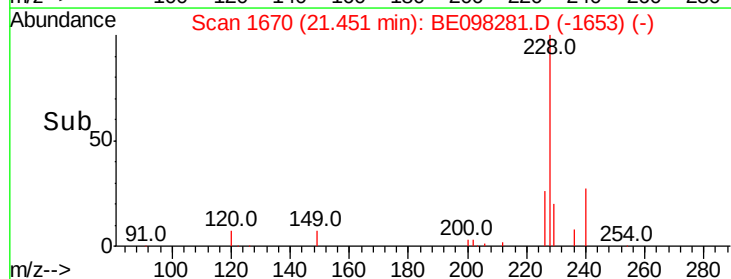
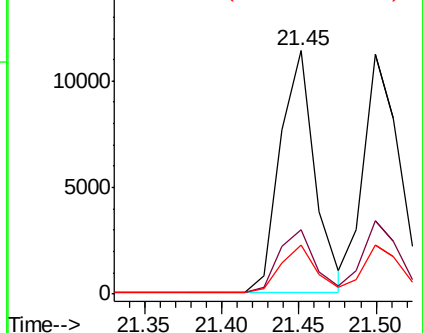
229 20.2 16.3 24.5

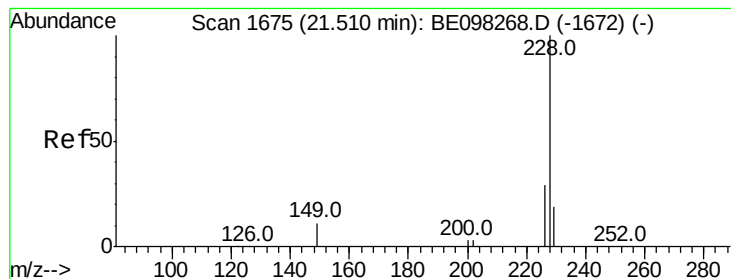


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.386 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

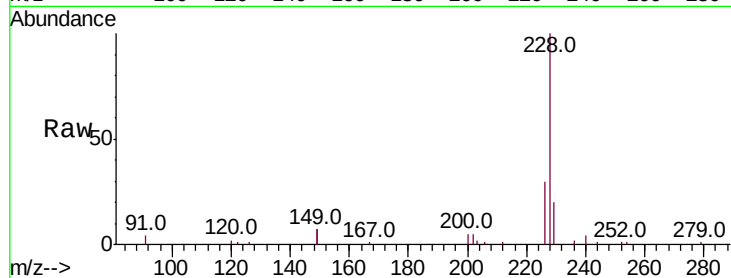
Tot Ion:228 Resp: 18317

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.0

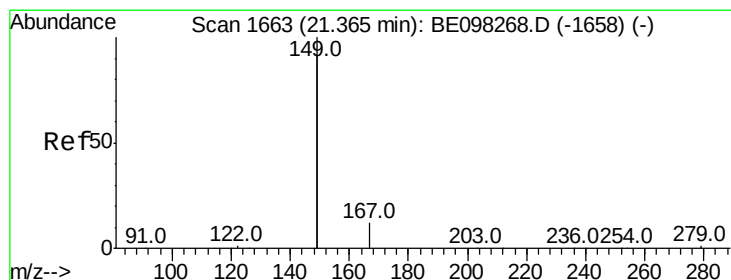
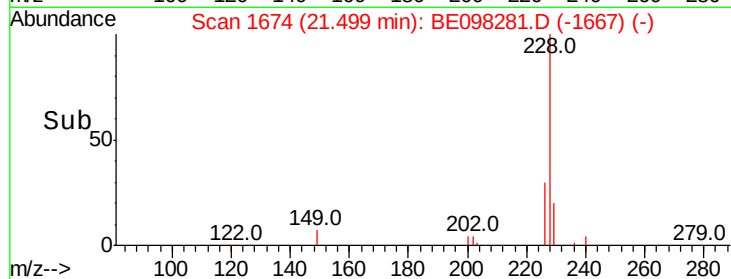
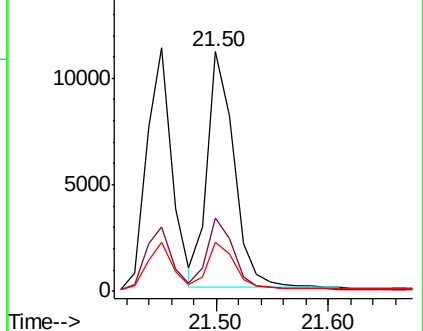
229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.396 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

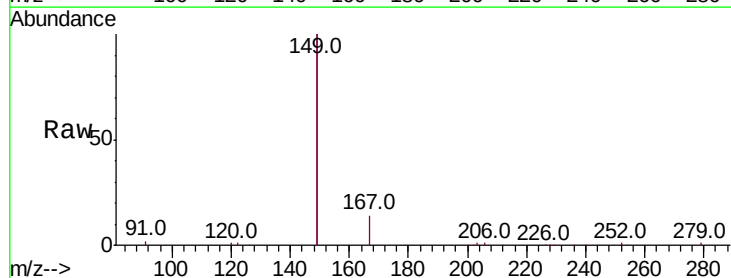
Tgt Ion:149 Resp: 44312

Ion Ratio Lower Upper

149 100

167 7.0 5.7 8.5

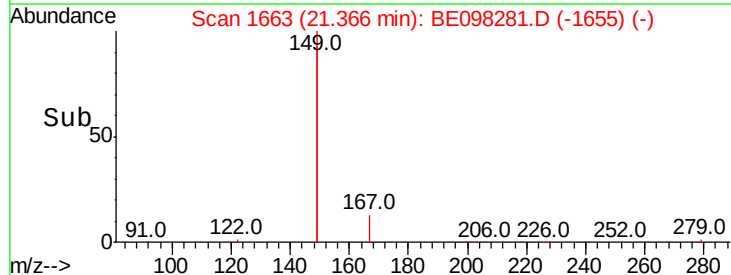
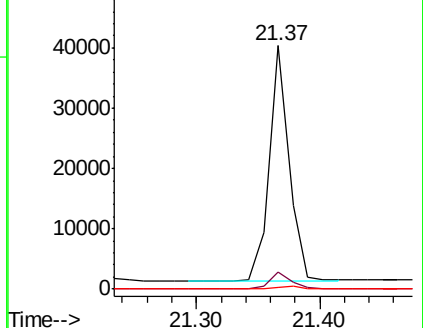
279 1.1 1.0 1.4

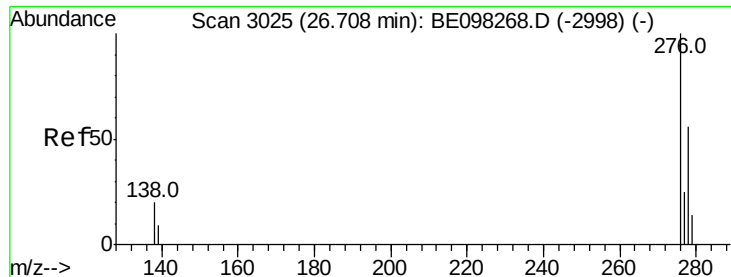


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.376 ng

RT: 26.71 min Scan# 3024

Delta R.T. -0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

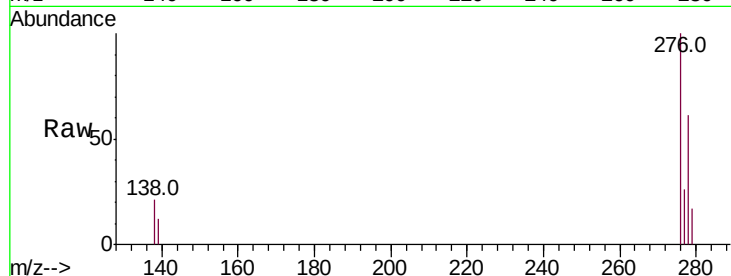
Tot Ion:276 Resp: 18049

Ion Ratio Lower Upper

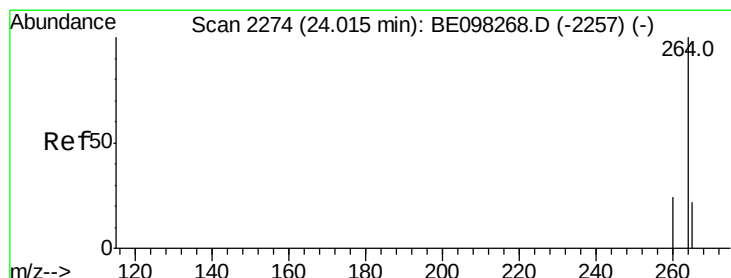
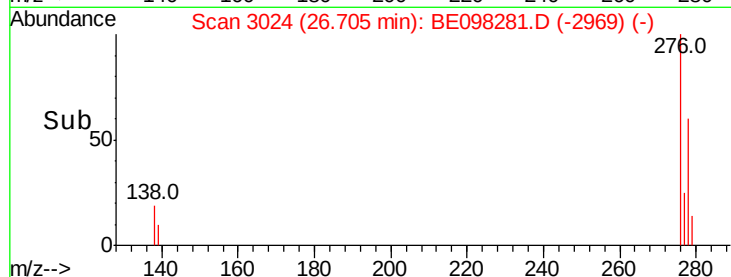
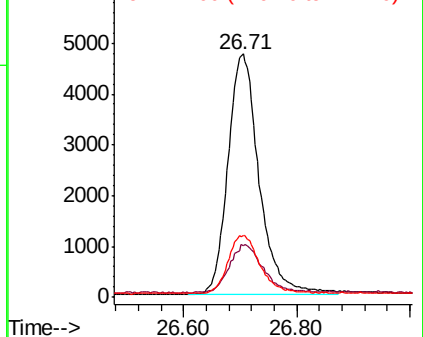
276 100

138 21.8 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: 24.02 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

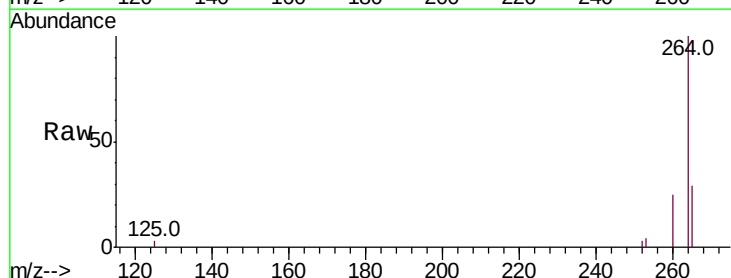
Tgt Ion:264 Resp: 14282

Ion Ratio Lower Upper

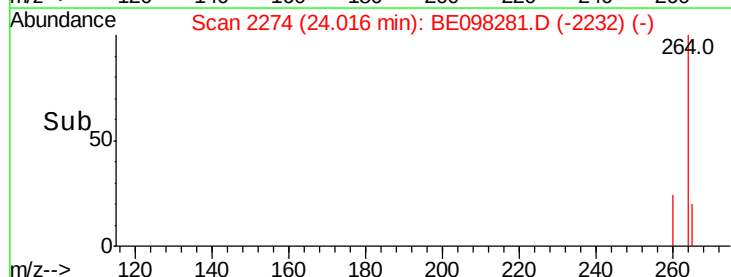
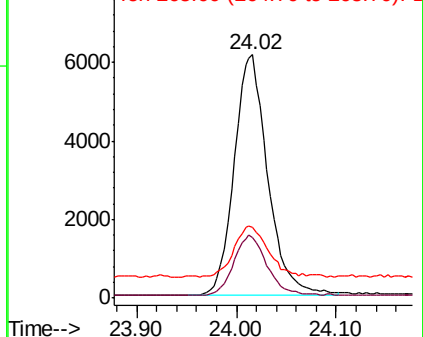
264 100

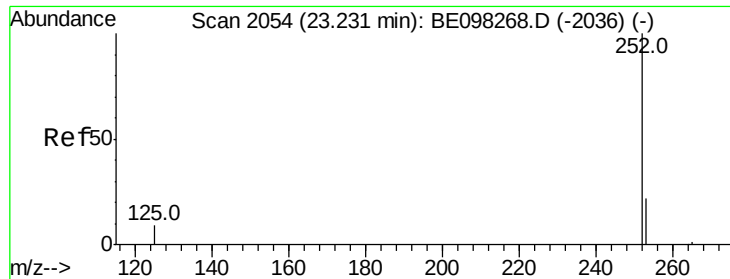
260 24.8 20.2 30.2

265 29.2 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: 0.391 ng

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

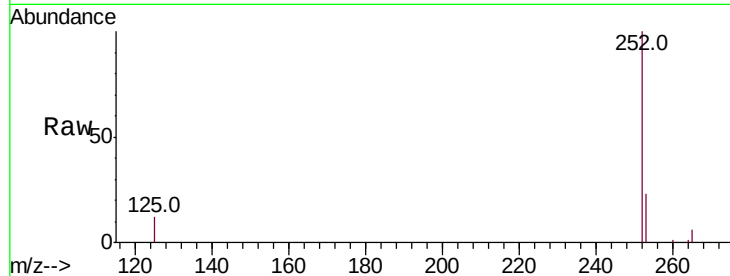
Tot Ion:252 Resp: 16383

Ion Ratio Lower Upper

252 100

253 23.4 20.0 30.0

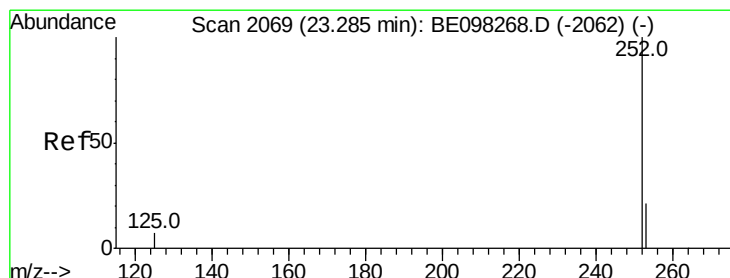
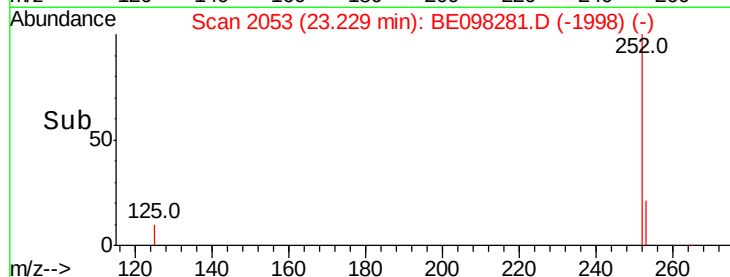
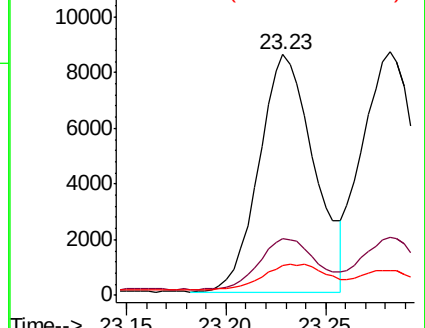
125 12.2 9.6 14.4



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: 0.394 ng

RT: 23.28 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

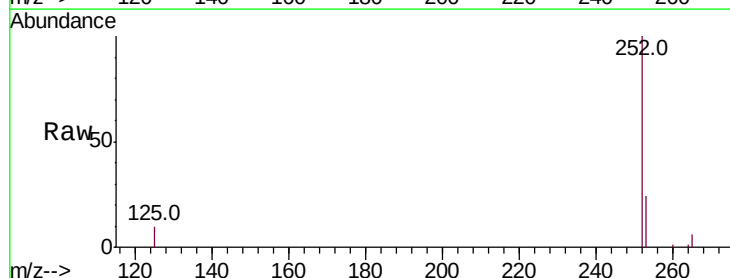
Tgt Ion:252 Resp: 17327

Ion Ratio Lower Upper

252 100

253 24.0 19.0 28.6

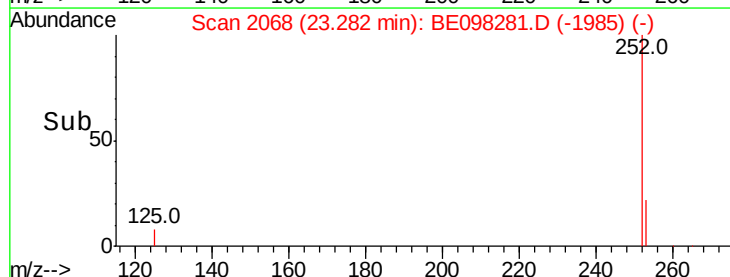
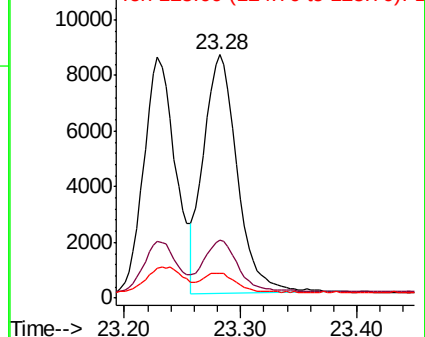
125 10.3 9.1 13.7

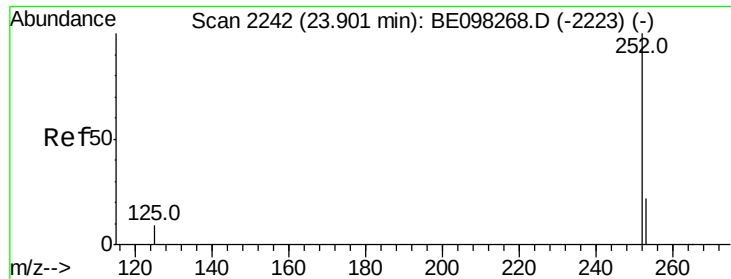


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.396 ng

RT: 23.90 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

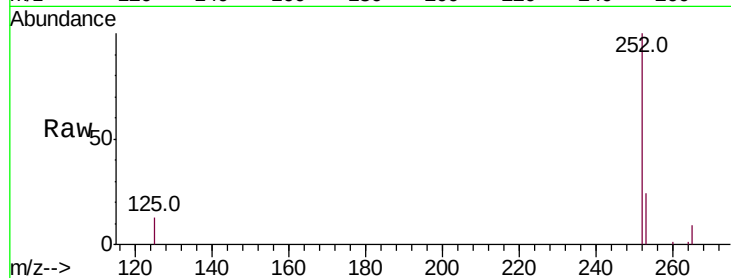
Tot Ion:252 Resp: 15966

Ion Ratio Lower Upper

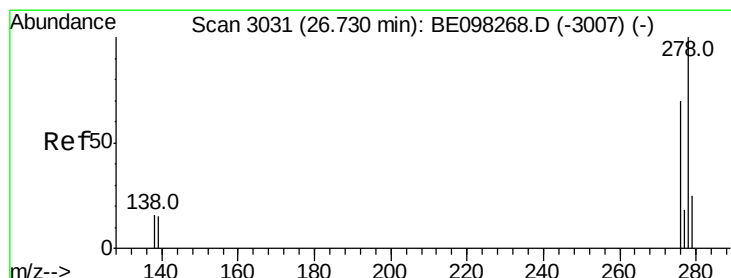
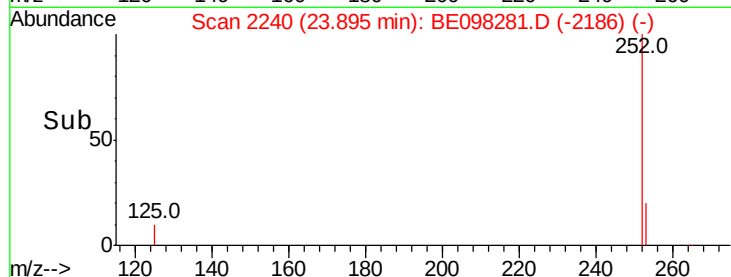
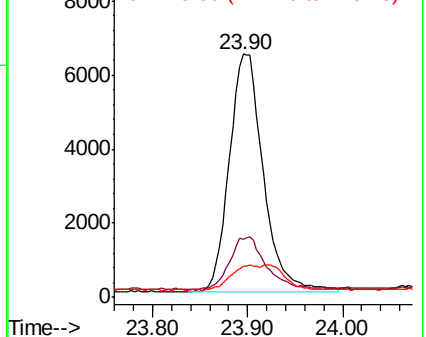
252 100

253 23.8 20.6 30.8

125 12.7 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: 0.392 ng

RT: 26.72 min Scan# 3029

Delta R.T. -0.01 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

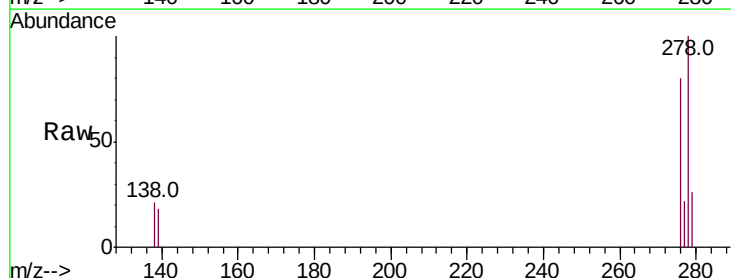
Tgt Ion:278 Resp: 14984

Ion Ratio Lower Upper

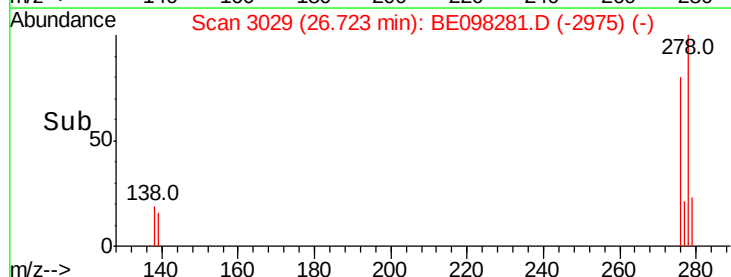
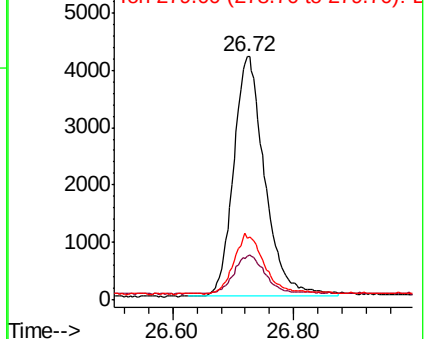
278 100

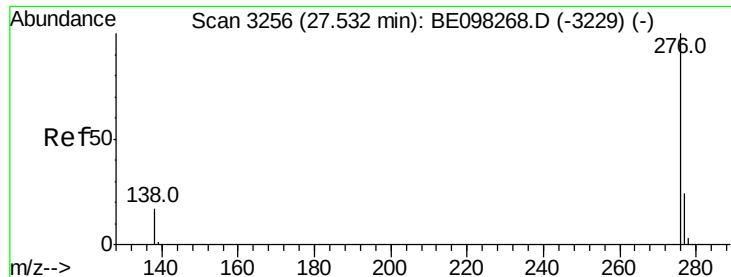
139 18.0 14.5 21.7

279 25.7 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: 0.390 ng

RT: 27.53 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BE098281.D

Acq: 29 Nov 2018 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

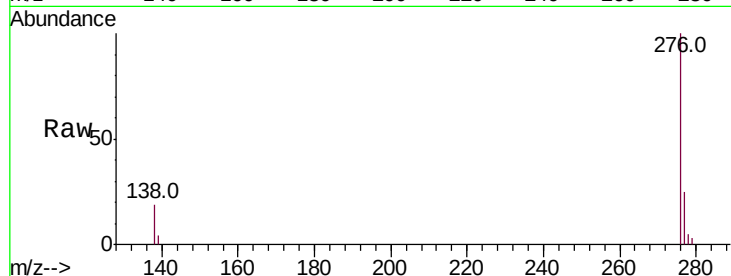
Tot Ion:276 Resp: 14934

Ion Ratio Lower Upper

276 100

277 24.8 20.8 31.2

138 19.4 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

