

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
 Data File : BE098208.D
 Acq On : 13 Nov 2018 10:29
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4

Quant Time: Nov 13 11:59:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 13:32:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1355	0.40	ng	0.01
7) Naphthalene-d8	10.67	136	6628	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4472	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10305	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12376	0.40	ng	0.00
34) Perylene-d12	24.02	264	11643	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1513	0.40	ng	0.00
5) Phenol-d6	7.04	99	2584	0.42	ng	0.00
8) Nitrobenzene-d5	9.02	82	2511	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4485	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	696	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6861	0.37	ng	0.00
25) Fluoranthene-d10	19.31	212	49955	0.39	ng	0.00
29) Terphenyl-d14	19.91	244	10355	0.37	ng	0.00

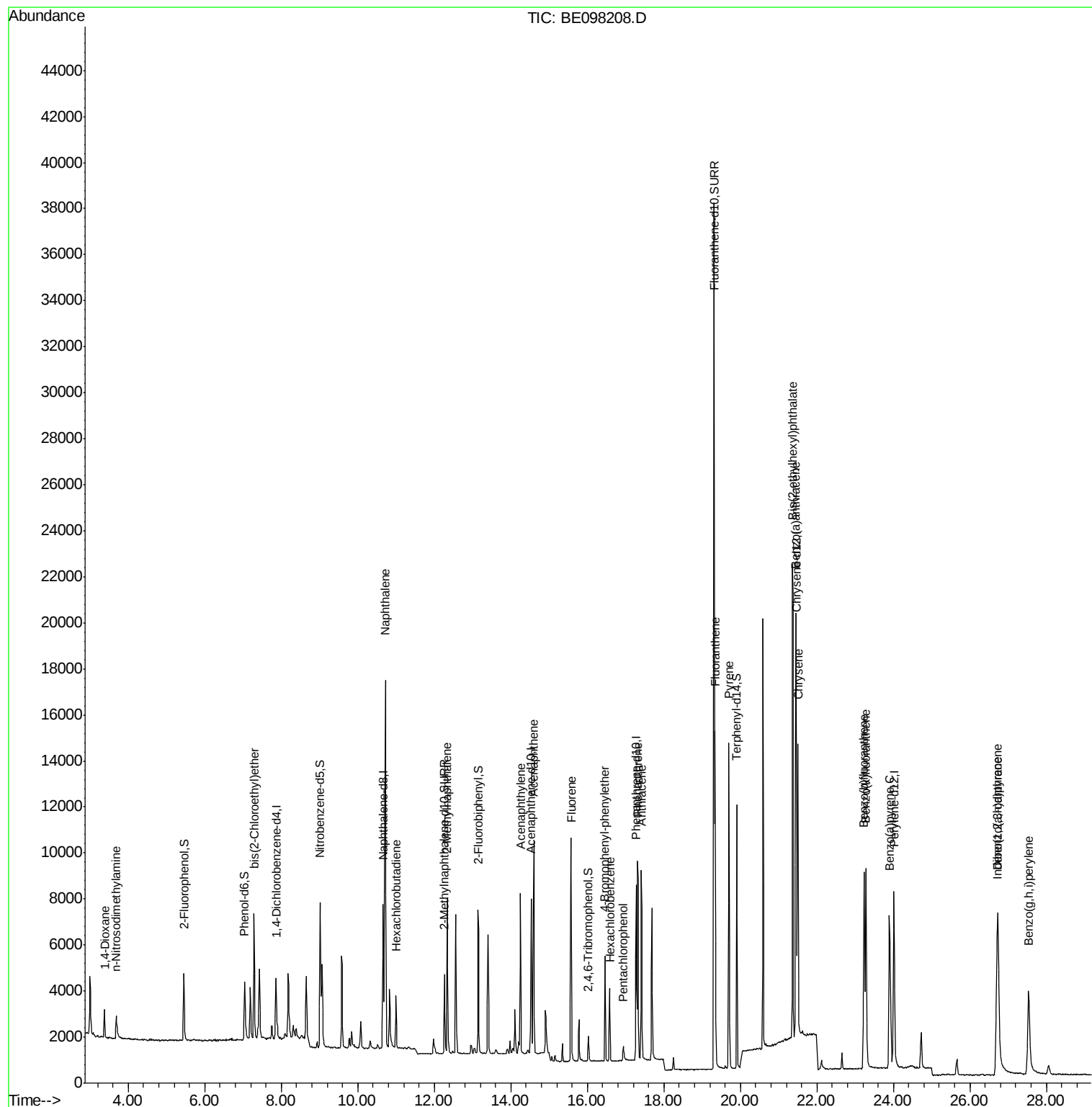
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.38	88	822	0.403	ng	92
3) n-Nitrosodimethylamine	3.69	42	996	0.375	ng	98
6) bis(2-Chloroethyl)ether	7.29	93	1893	0.382	ng	96
9) Naphthalene	10.72	128	25729	0.382	ng	99
10) Hexachlorobutadiene	11.00	225	1576	0.376	ng	99
12) 2-Methylnaphthalene	12.34	142	4543	0.389	ng	99
16) Acenaphthylene	14.25	152	7969	0.389	ng	99
17) Acenaphthene	14.60	154	4820	0.385	ng	99
18) Fluorene	15.58	166	6294	0.393	ng	97
20) 4-Bromophenyl-phenylether	16.47	248	2360	0.376	ng	94
21) Hexachlorobenzene	16.59	284	2524	0.386	ng	99
22) Pentachlorophenol	16.94	266	489	0.416	ng	99
23) Phenanthrene	17.32	178	10032	0.391	ng	99
24) Anthracene	17.41	178	9250	0.387	ng	99
26) Fluoranthene	19.34	202	12330	0.388	ng	99
28) Pyrene	19.70	202	13140	0.386	ng	100
30) Benzo(a)anthracene	21.45	228	13384	0.381	ng	99
31) Chrysene	21.51	228	13610	0.381	ng	97
32) Bis(2-ethylhexyl)phthalate	21.37	149	28953	0.396	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	12651	0.386	ng	# 89
35) Benzo(b)fluoranthene	23.23	252	12447	0.377	ng	98
36) Benzo(k)fluoranthene	23.28	252	13309	0.382	ng	97
37) Benzo(a)pyrene	23.90	252	12077	0.381	ng	97
38) Dibenzo(a,h)anthracene	26.74	278	10215	0.379	ng	97
39) Benzo(g,h,i)perylene	27.53	276	10798	0.383	ng	94

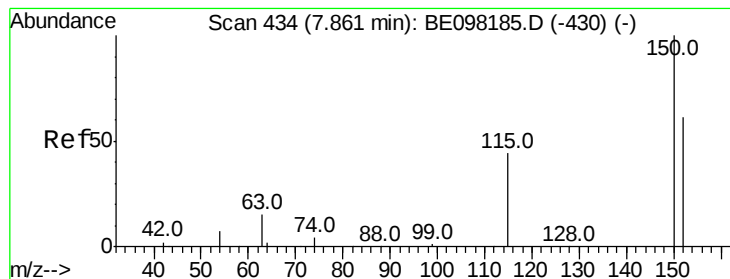
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
Data File : BE098208.D
Acq On : 13 Nov 2018 10:29
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 13 11:59:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. 0.01 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

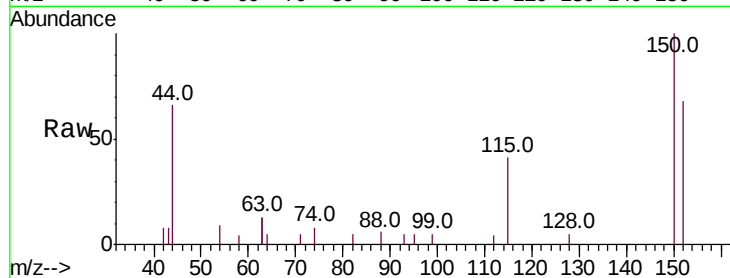
Tot Ion:152 Resp: 1355

Ion Ratio Lower Upper

152 100

150 147.4 127.5 191.3

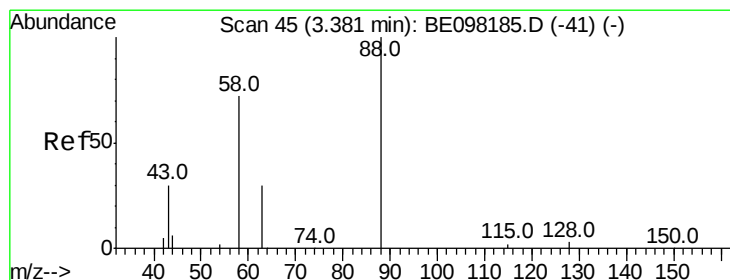
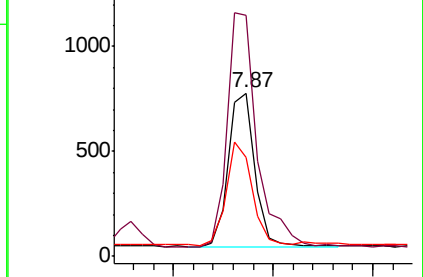
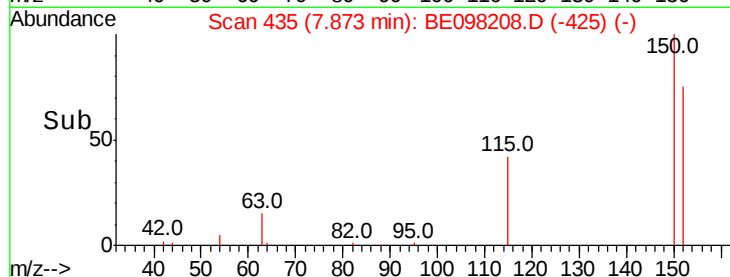
115 60.6 60.3 90.5



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: 0.403 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

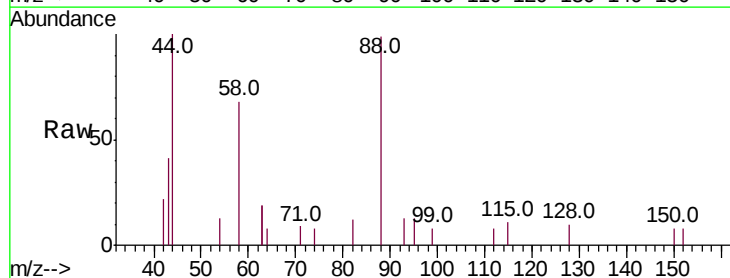
Tgt Ion: 88 Resp: 822

Ion Ratio Lower Upper

88 100

58 87.2 79.0 118.4

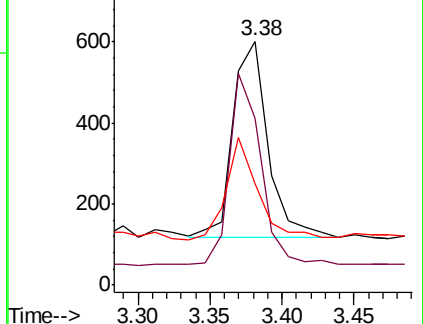
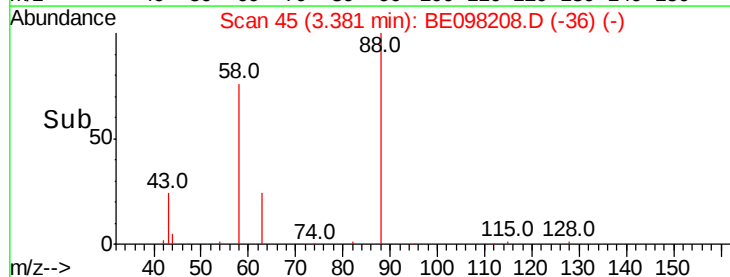
43 47.2 38.1 57.1

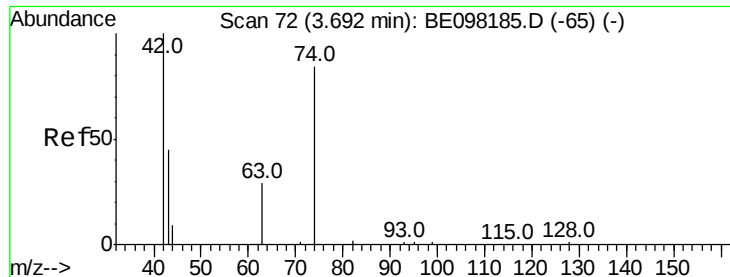


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



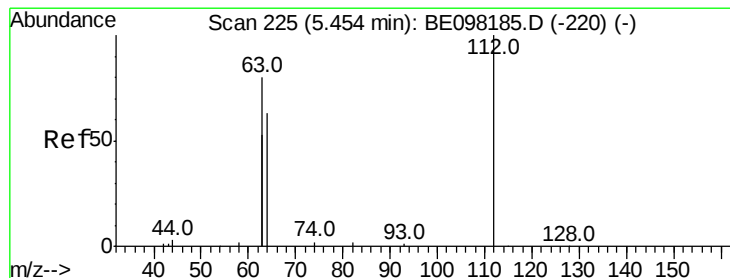
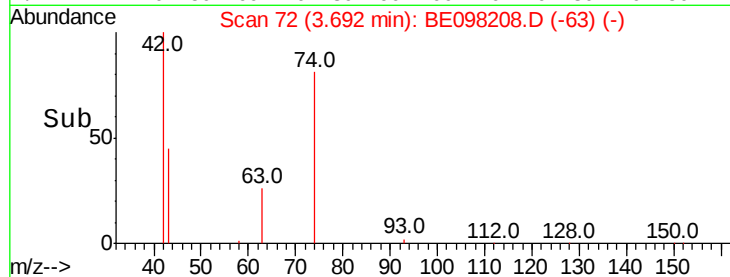
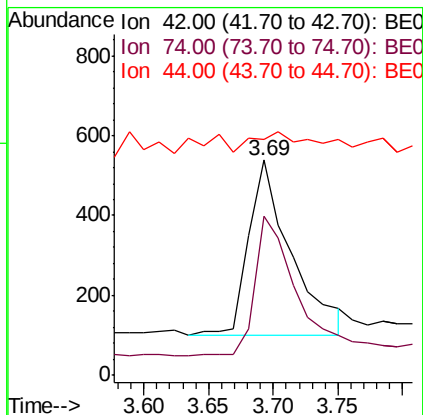
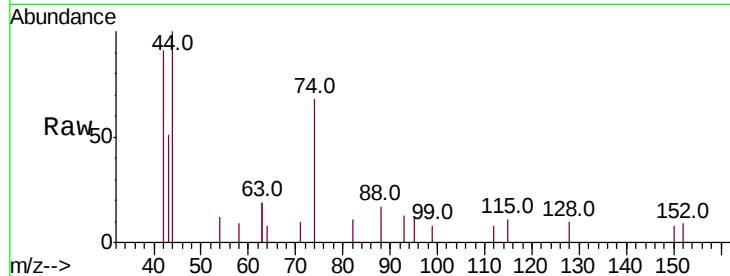


#3

n-Nitrosodimethylamine
 Concen: 0.375 ng
 RT: 3.69 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE098208.D
 Acq: 13 Nov 2018 10:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

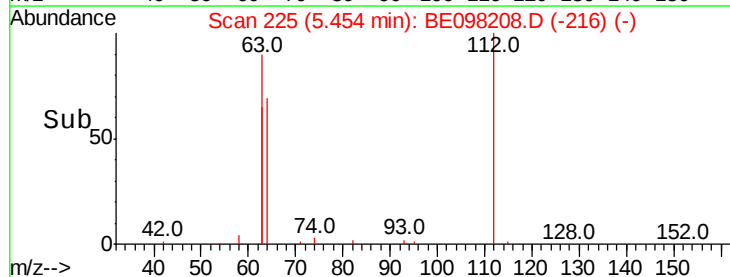
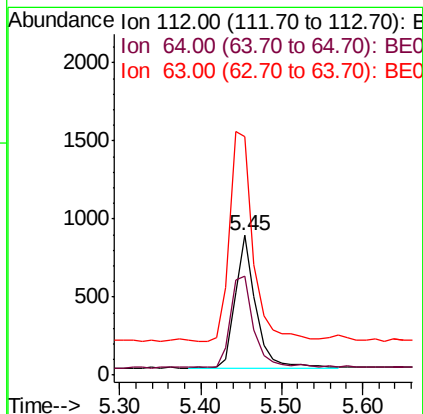
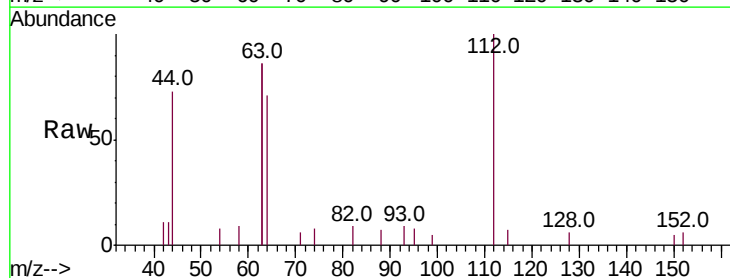
Tot Ion	Ratio	Lower	Upper
42	100		
74	76.4	61.7	92.5
44	14.4	14.0	21.0

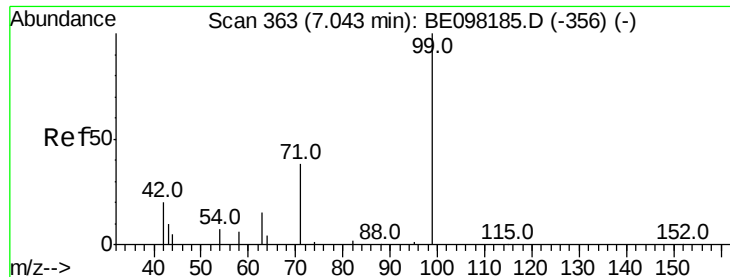


#4

2-Fluorophenol
 Concen: 0.396 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BE098208.D
 Acq: 13 Nov 2018 10:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.0	61.7	92.5
63	177.7	136.2	204.2





#5

Phenol-d6

Concen: 0.420 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

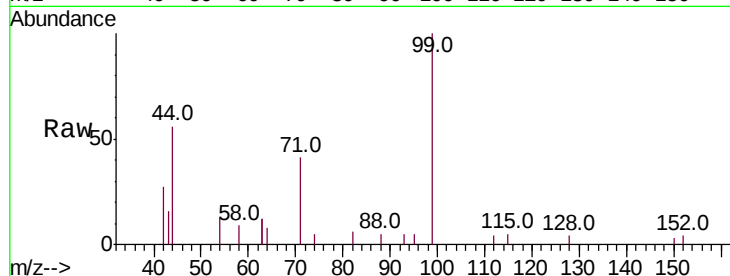
Tot Ion: 99 Resp: 2584

Ion Ratio Lower Upper

99 100

42 30.0 27.1 40.7

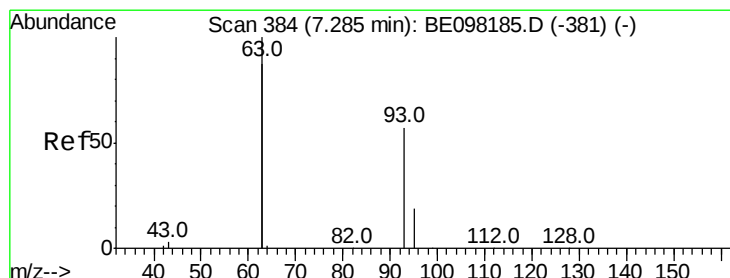
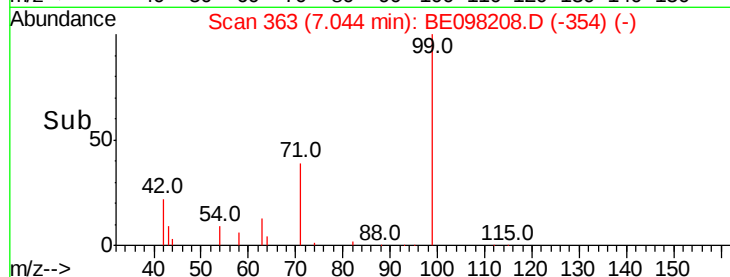
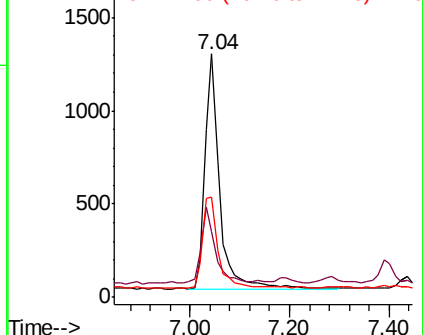
71 41.4 37.0 55.6



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: 0.382 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

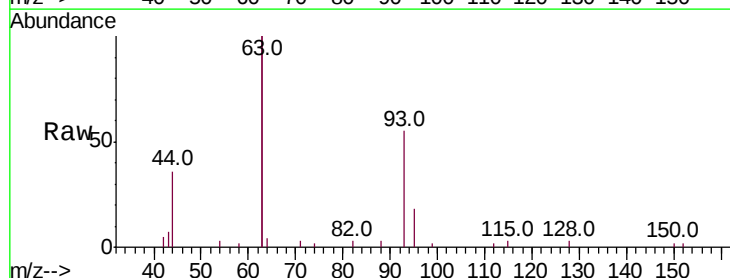
Tgt Ion: 93 Resp: 1893

Ion Ratio Lower Upper

93 100

63 332.9 272.6 409.0

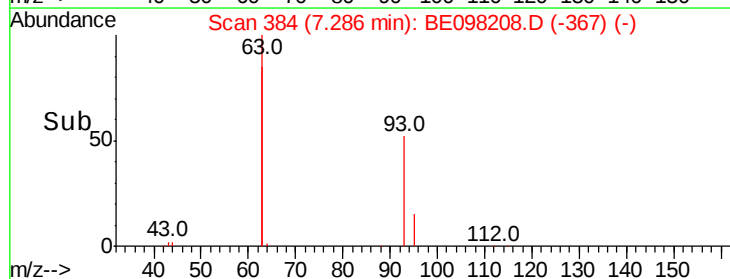
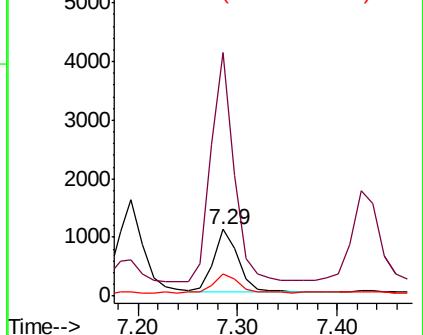
95 29.6 27.1 40.7

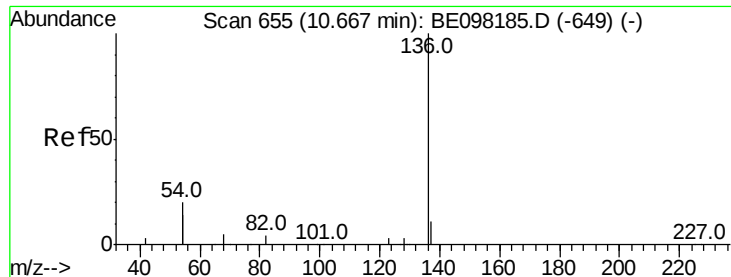


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098208.D

Acq: 13 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 6628

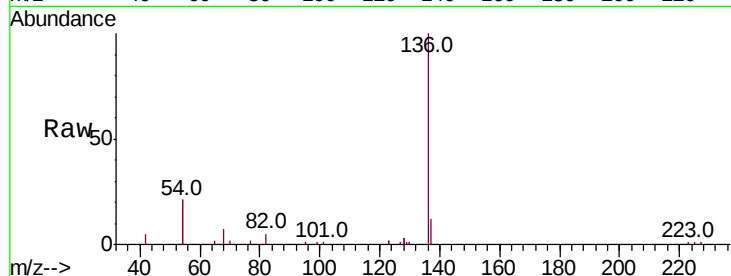
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 41.7 31.3 46.9

68 6.9 4.8 7.2

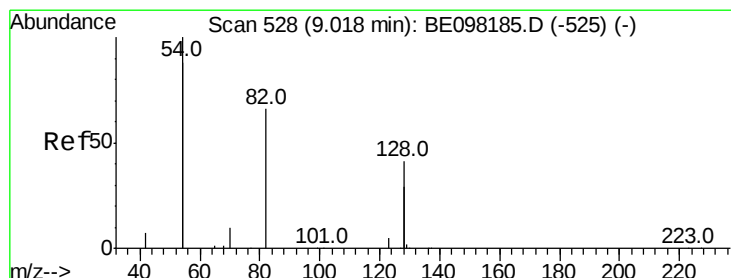
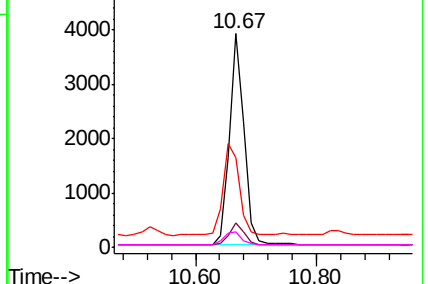
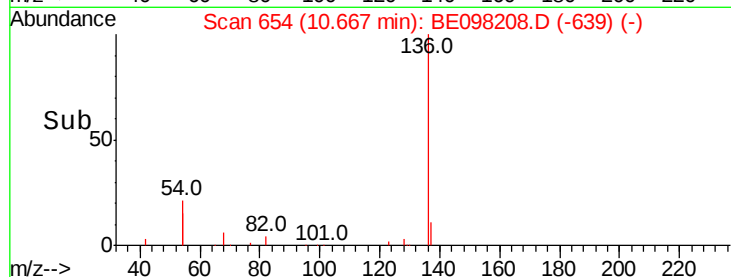


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.380 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

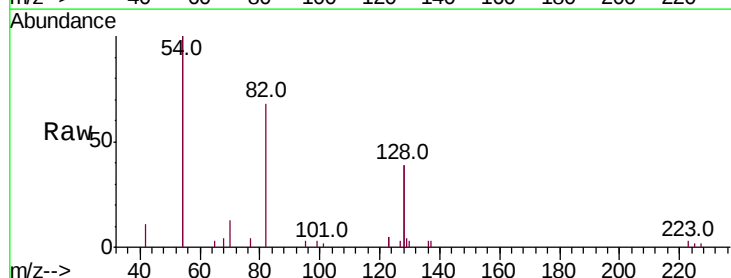
Tgt Ion: 82 Resp: 2511

Ion Ratio Lower Upper

82 100

128 114.5 96.1 144.1

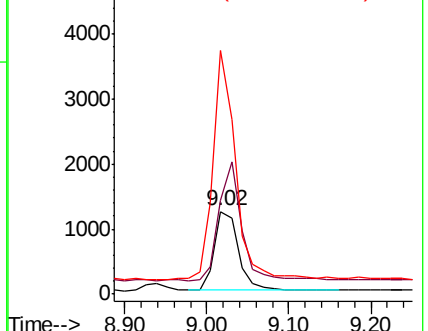
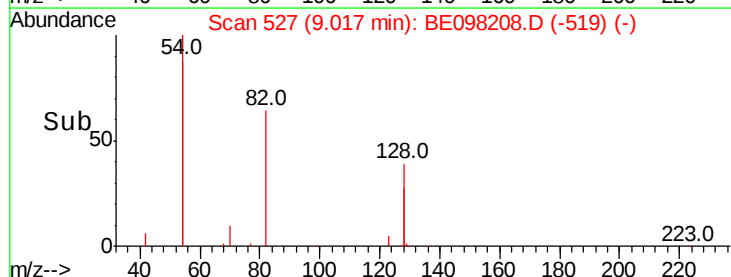
54 295.4 232.0 348.0

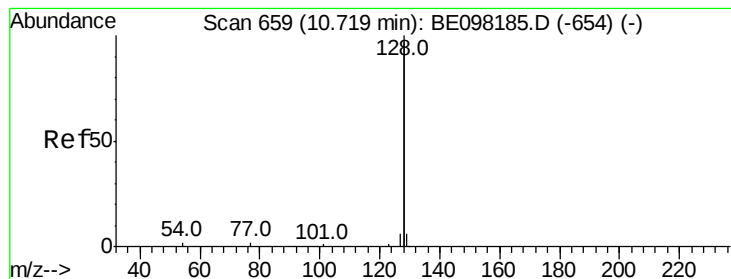


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.382 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

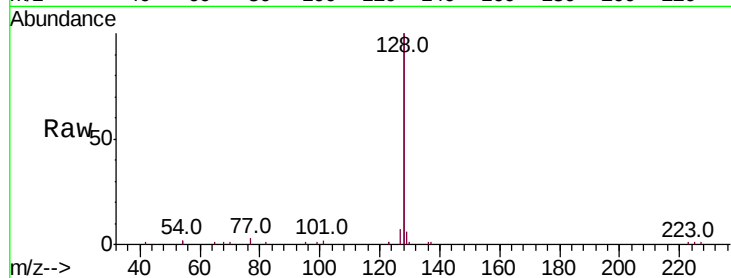
Tot Ion:128 Resp: 25729

Ion Ratio Lower Upper

128 100

129 3.1 2.6 4.0

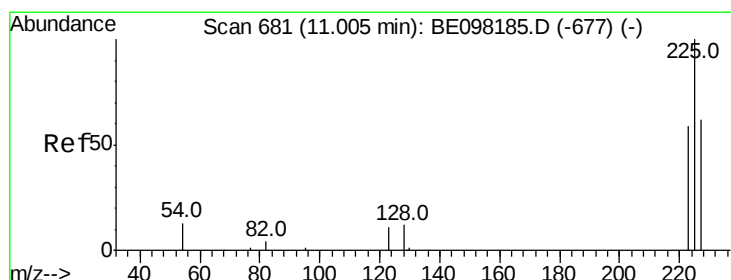
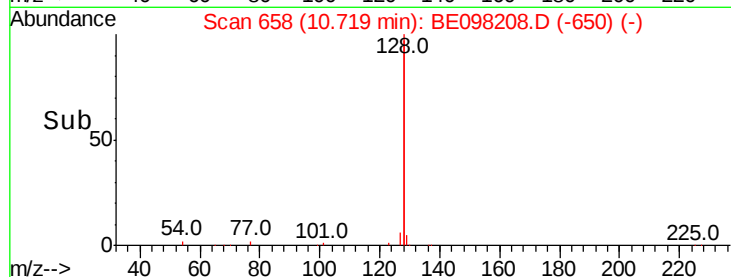
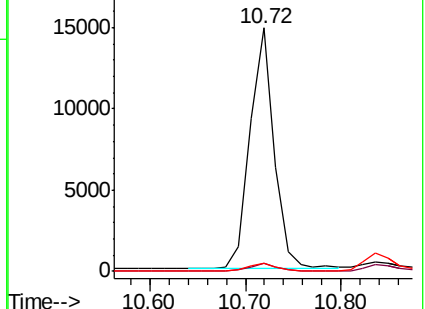
127 3.3 2.8 4.2



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: 0.376 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

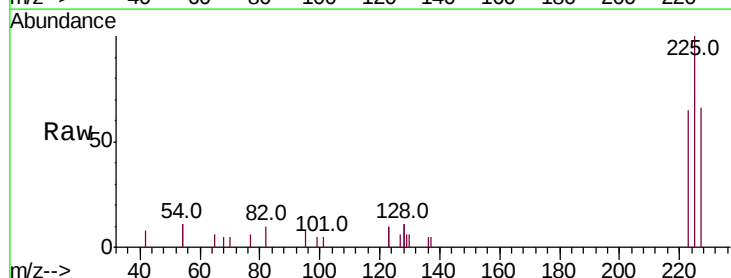
Tgt Ion:225 Resp: 1576

Ion Ratio Lower Upper

225 100

223 63.5 50.5 75.7

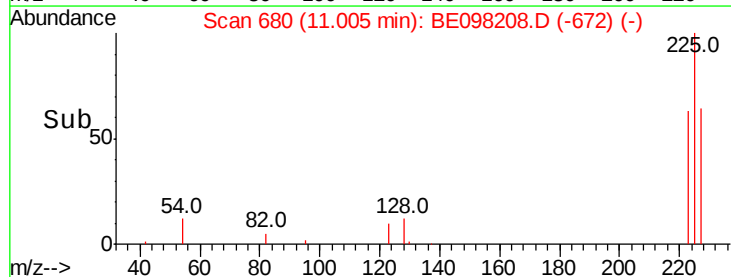
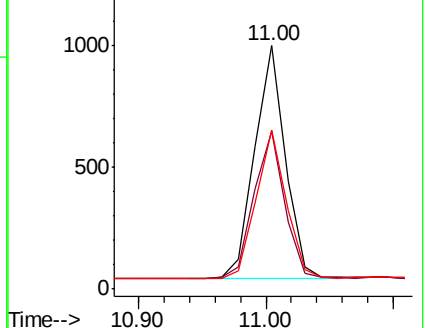
227 63.8 50.3 75.5

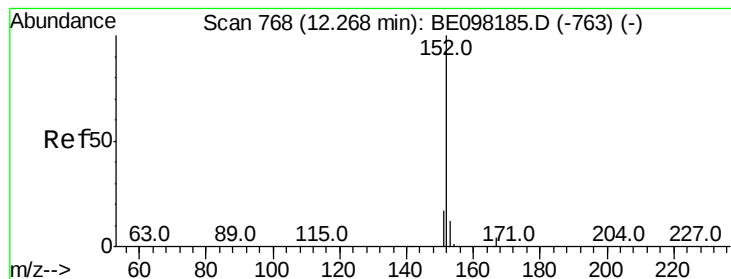


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.386 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

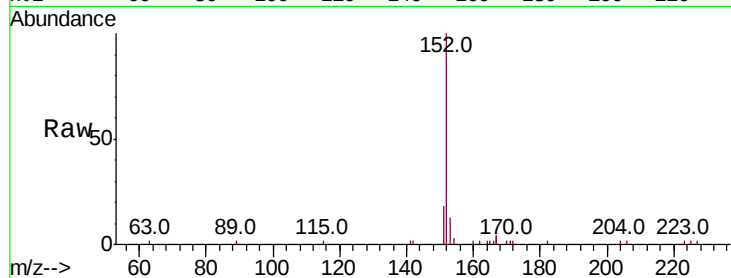
SSTDCCC0.4

Tot Ion:152 Resp: 4485

Ion Ratio Lower Upper

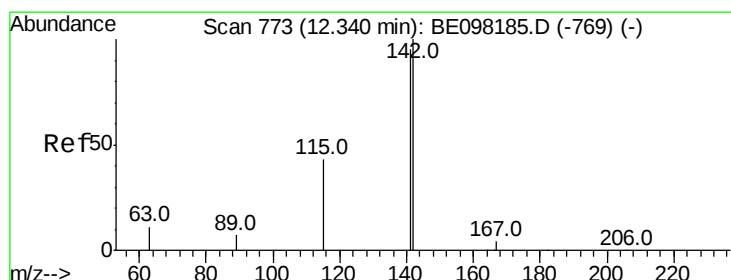
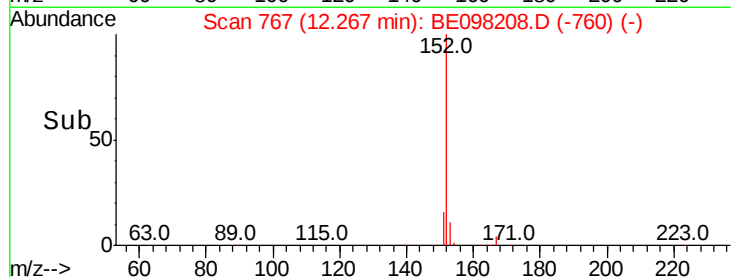
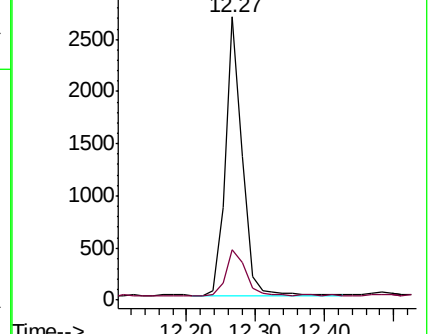
152 100

151 19.0 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.389 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

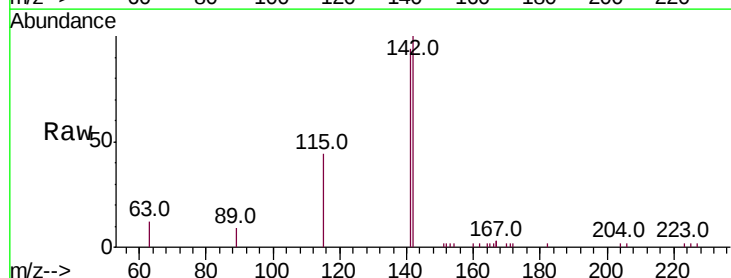
Tgt Ion:142 Resp: 4543

Ion Ratio Lower Upper

142 100

141 93.7 76.3 114.5

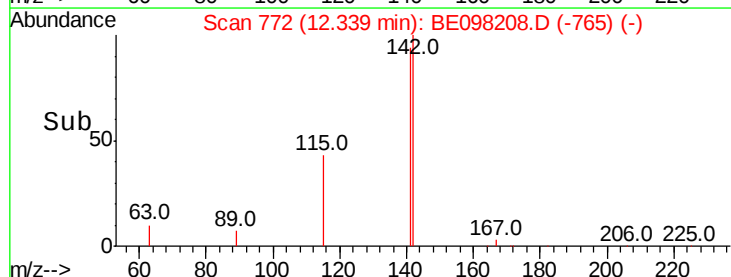
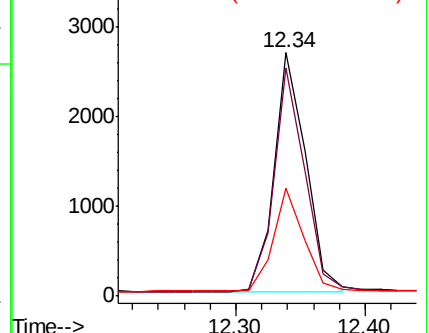
115 44.2 35.8 53.8

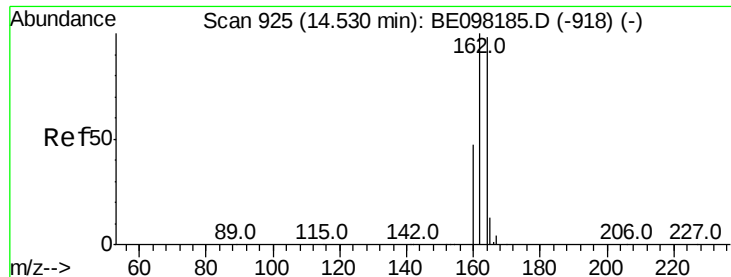


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

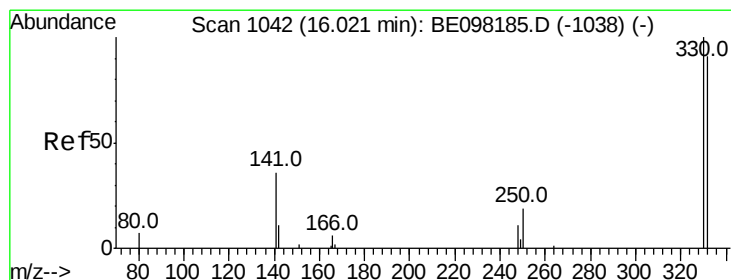
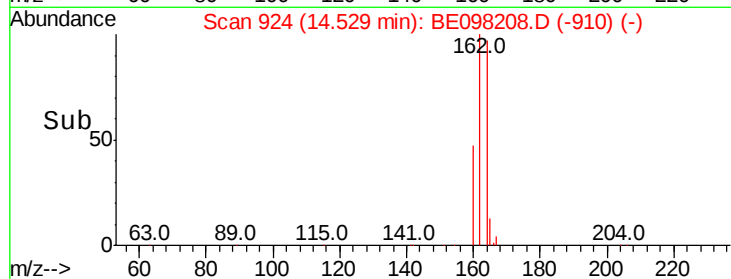
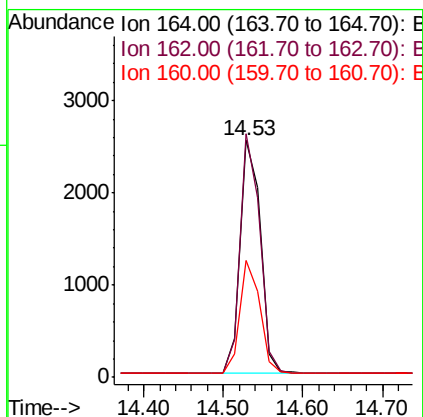
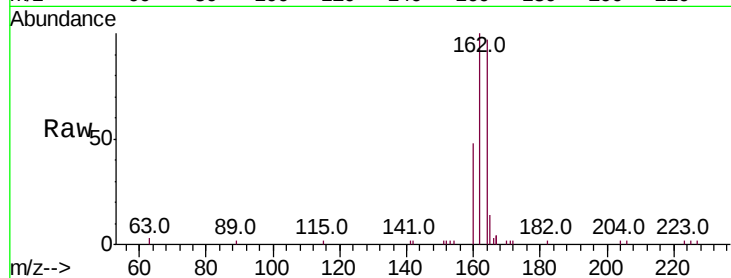




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098208.D
Acq: 13 Nov 2018 10:29

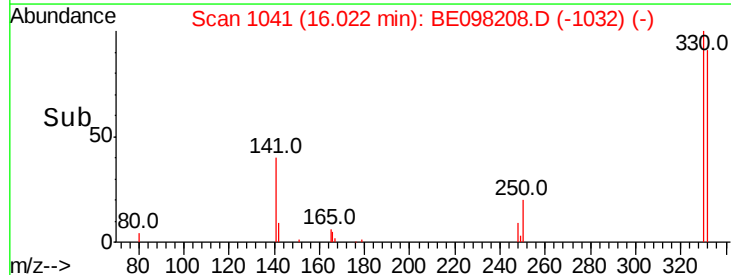
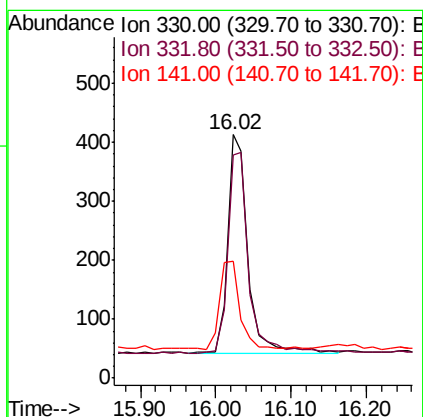
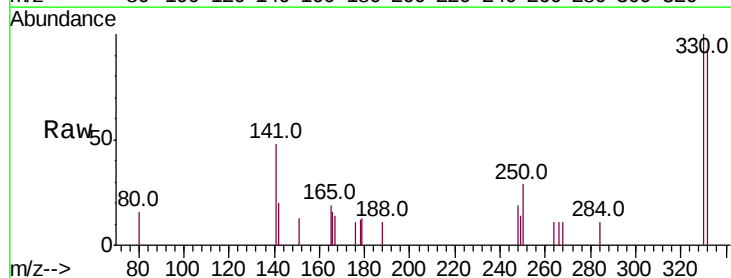
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

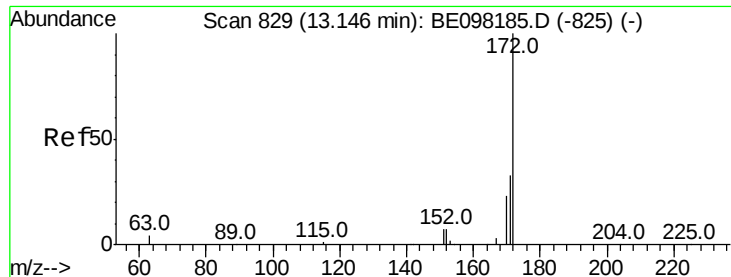
Tot Ion:164 Resp: 4472
Ion Ratio Lower Upper
164 100
162 102.8 81.8 122.6
160 49.5 39.4 59.0



#14
2,4,6-Tribromophenol
Concen: 0.357 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098208.D
Acq: 13 Nov 2018 10:29

Tgt Ion:330 Resp: 696
Ion Ratio Lower Upper
330 100
332 95.1 77.7 116.5
141 39.5 33.6 50.4

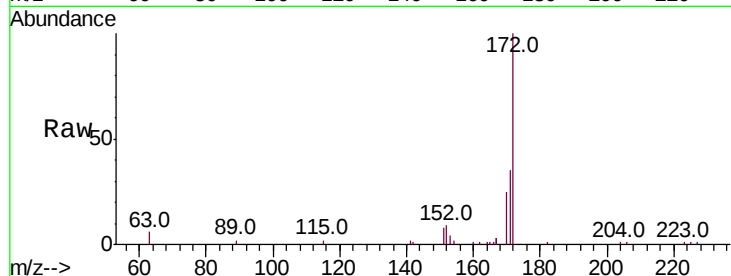




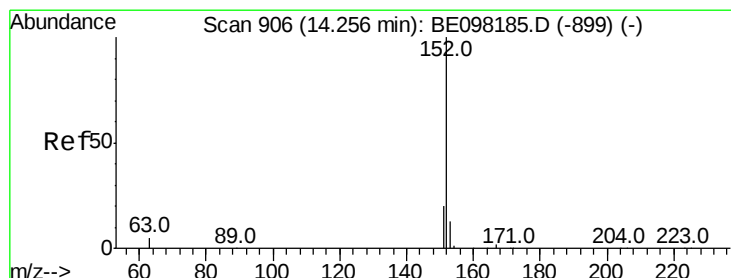
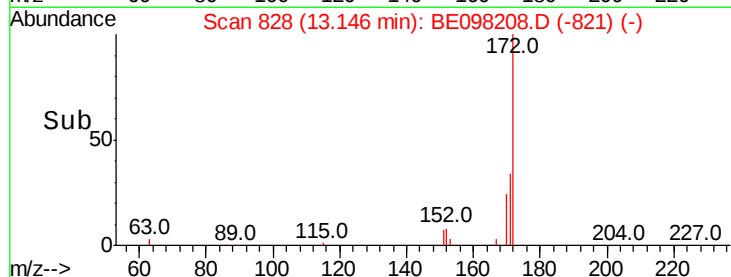
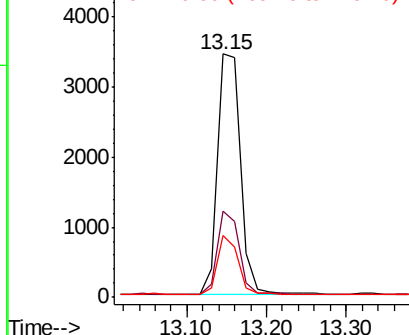
#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098208.D
Acq: 13 Nov 2018 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 6861
Ion Ratio Lower Upper
172 100
171 35.3 27.3 40.9
170 25.2 19.4 29.0

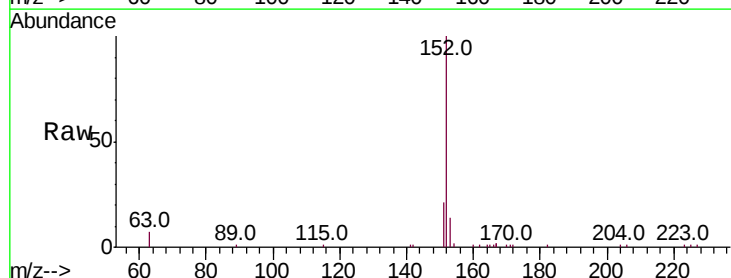


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

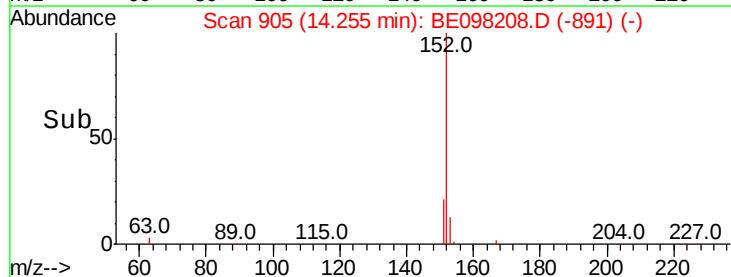
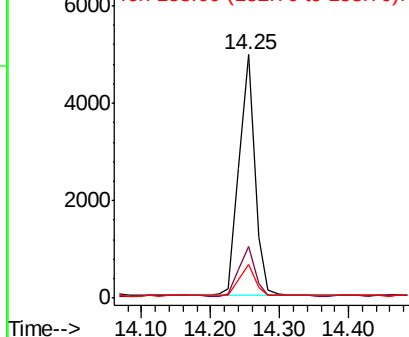


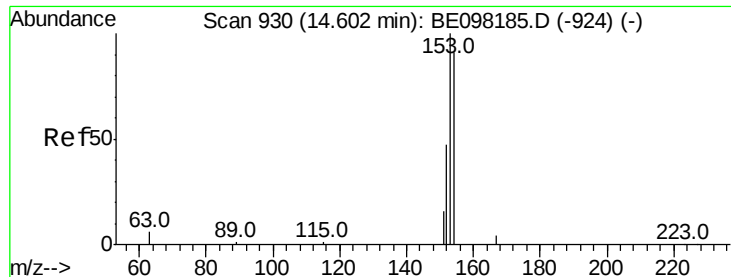
#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098208.D
Acq: 13 Nov 2018 10:29

Tgt Ion:152 Resp: 7969
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.7 10.6 15.8



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

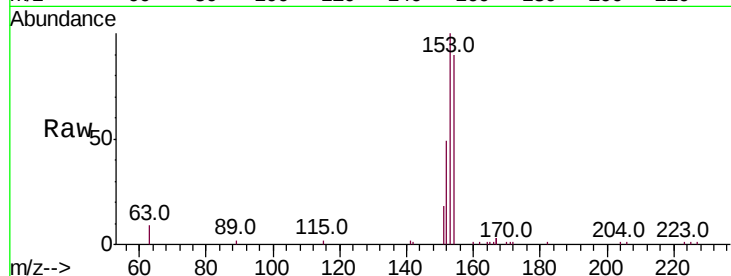




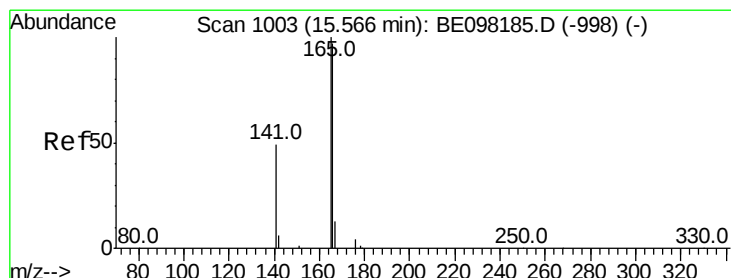
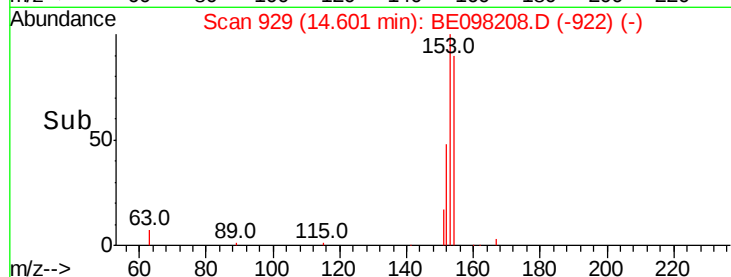
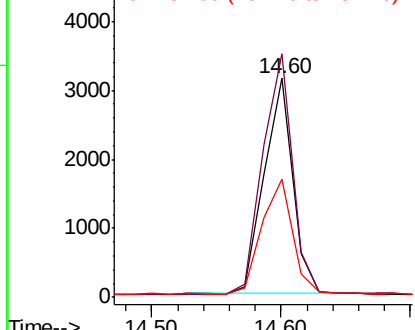
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098208.D
Acq: 13 Nov 2018 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 4820
Ion Ratio Lower Upper
154 100
153 115.4 92.1 138.1
152 56.7 46.2 69.2

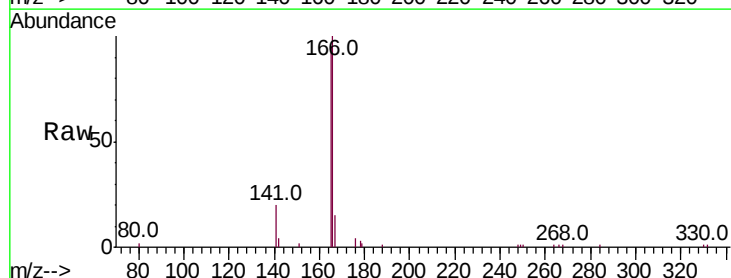


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

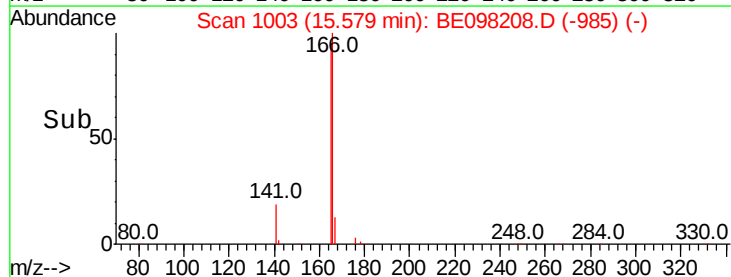
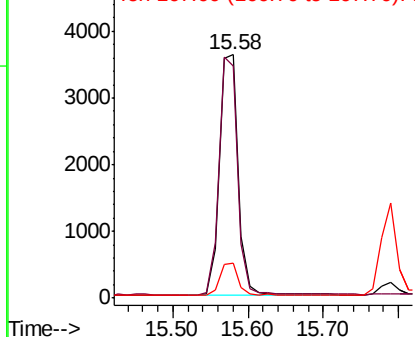


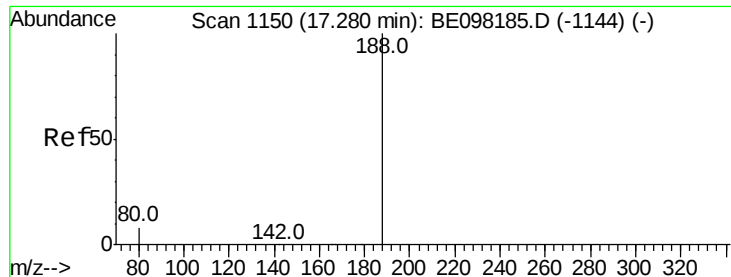
#18
Fluorene
Concen: 0.393 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE098208.D
Acq: 13 Nov 2018 10:29

Tgt Ion:166 Resp: 6294
Ion Ratio Lower Upper
166 100
165 97.1 80.1 120.1
167 13.4 10.8 16.2



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: BE098208.D

Acq: 13 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

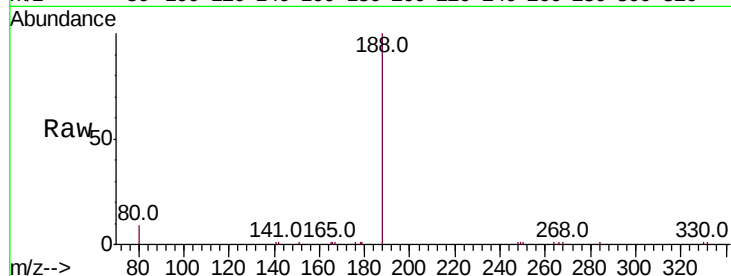
Tot Ion:188 Resp: 10305

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

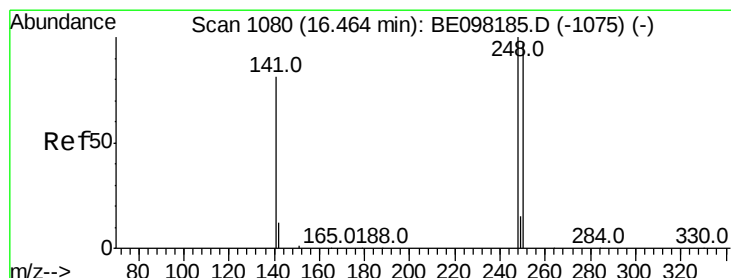
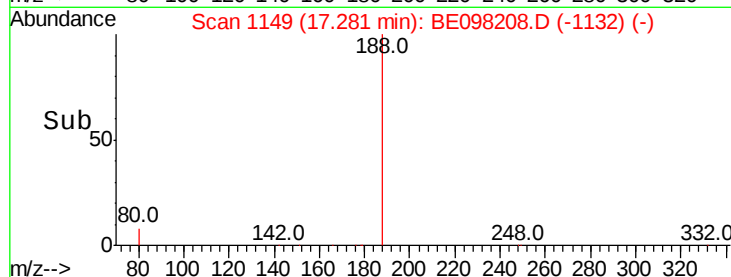
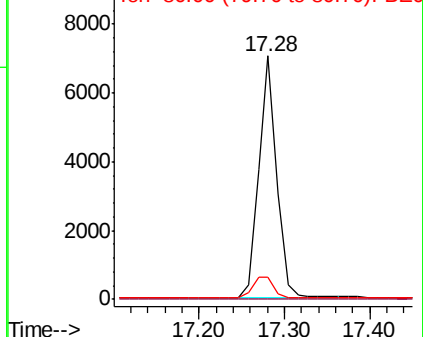
80 9.0 6.7 10.1



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: 0.376 ng

RT: 16.47 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

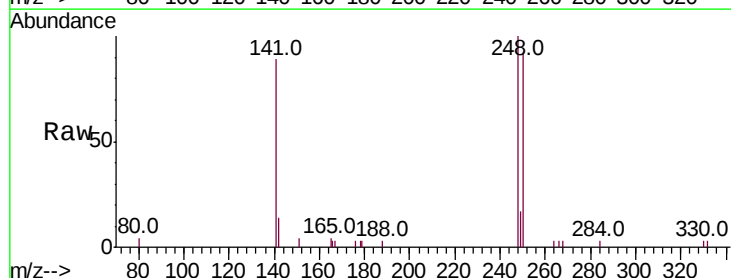
Tgt Ion:248 Resp: 2360

Ion Ratio Lower Upper

248 100

250 91.9 77.6 116.4

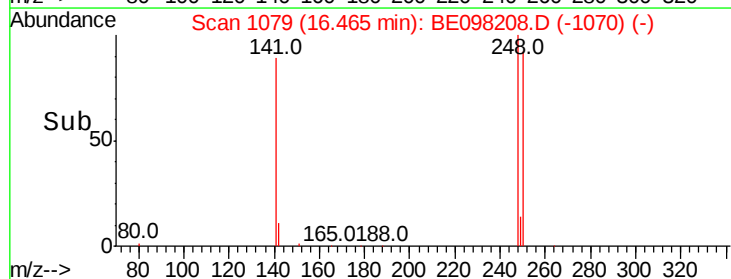
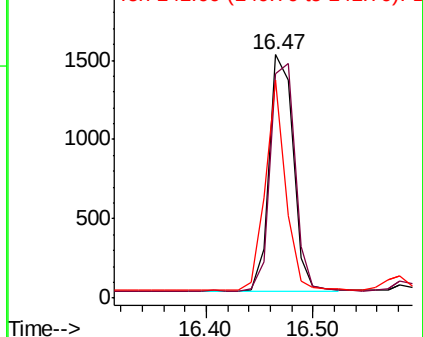
141 89.3 65.8 98.8

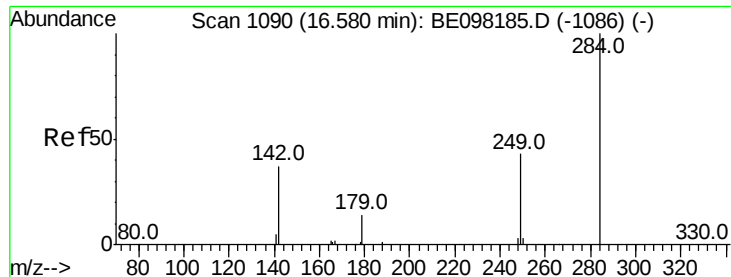


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.386 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

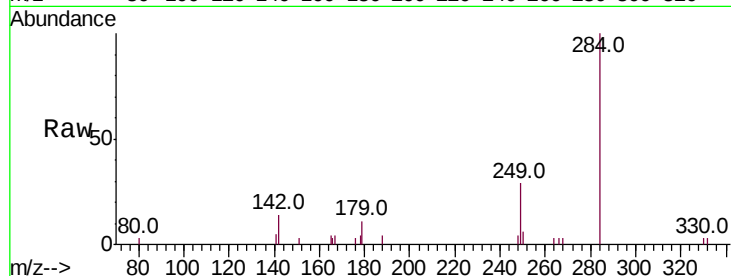
Tot Ion:284 Resp: 2524

Ion Ratio Lower Upper

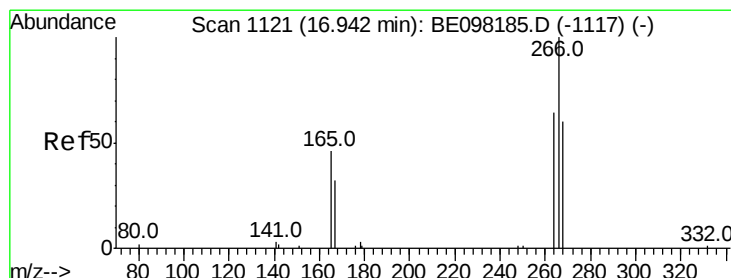
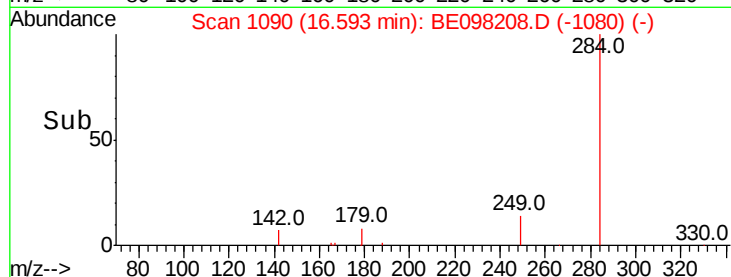
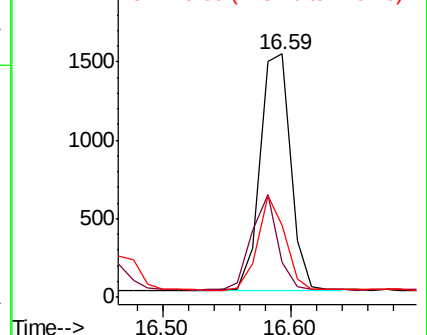
284 100

142 34.6 26.5 39.7

249 35.3 28.4 42.6



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: 0.416 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

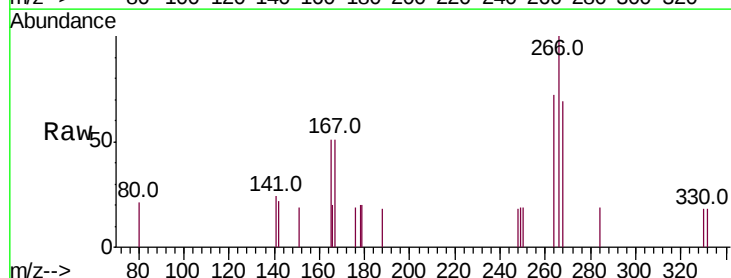
Tgt Ion:266 Resp: 489

Ion Ratio Lower Upper

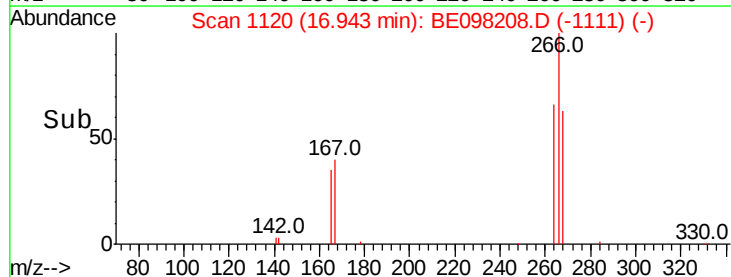
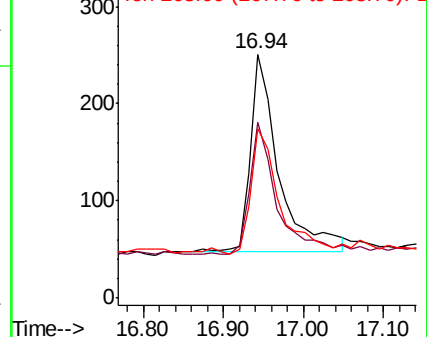
266 100

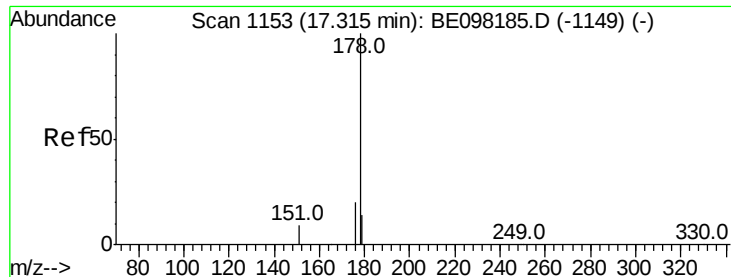
264 72.1 57.6 86.4

268 69.3 56.8 85.2



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: 0.391 ng

RT: 17.32 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

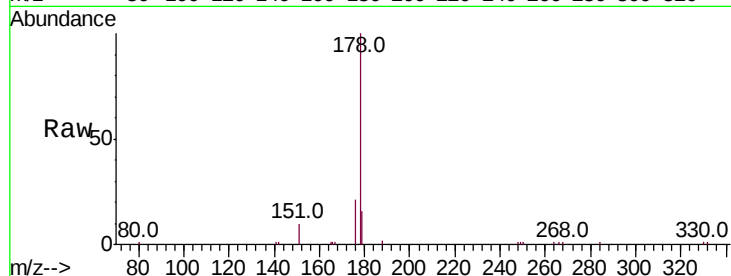
Tot Ion:178 Resp: 10032

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

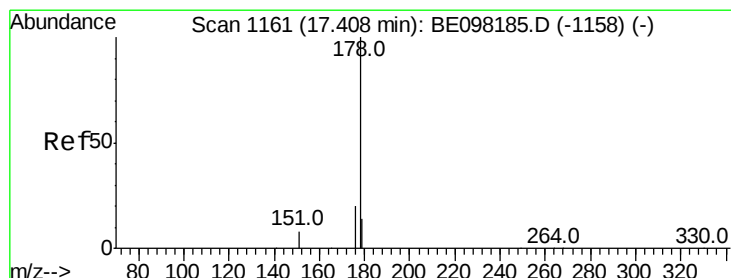
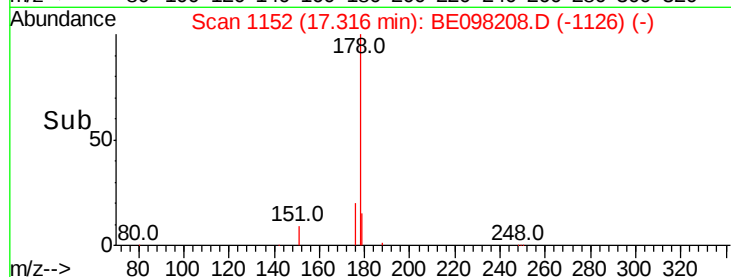
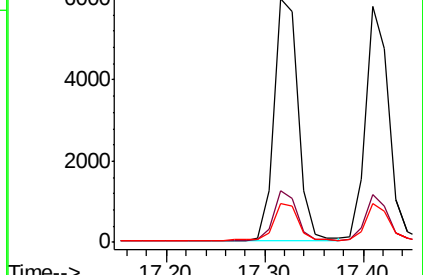
179 15.0 12.3 18.5



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



#24

Anthracene

Concen: 0.387 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

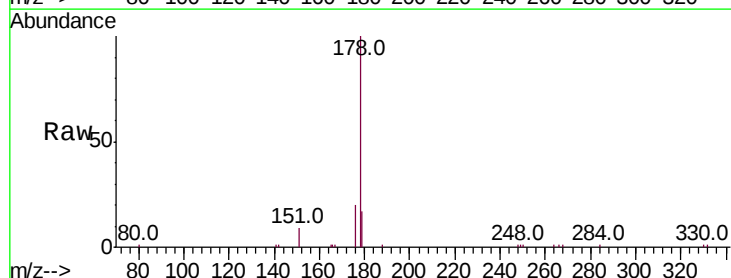
Tgt Ion:178 Resp: 9250

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

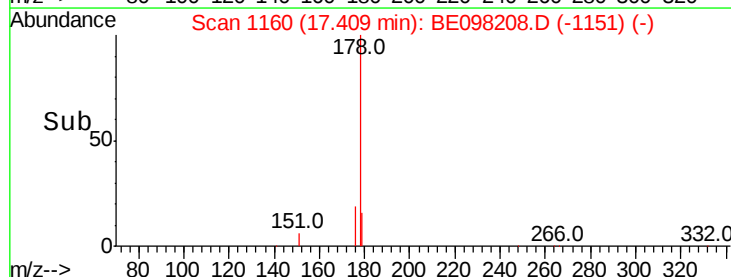
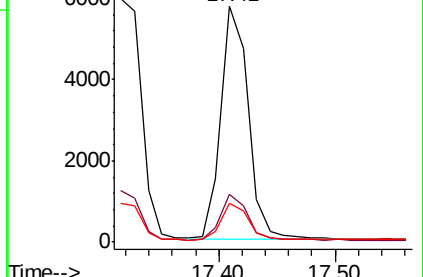
179 15.6 12.1 18.1

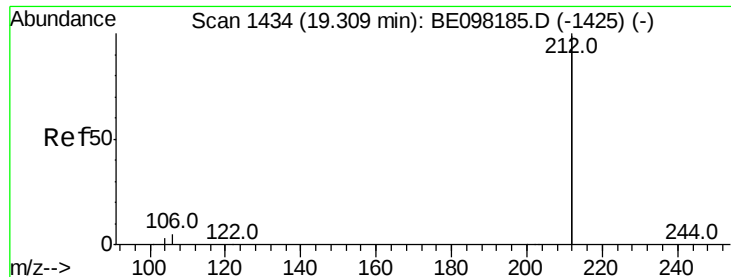


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 19.31 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

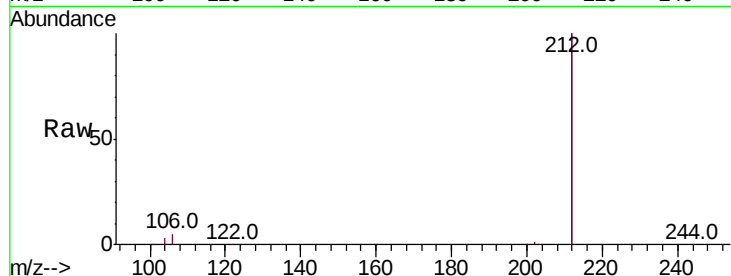
Tot Ion:212 Resp: 49955

Ion Ratio Lower Upper

212 100

106 2.5 1.8 2.8

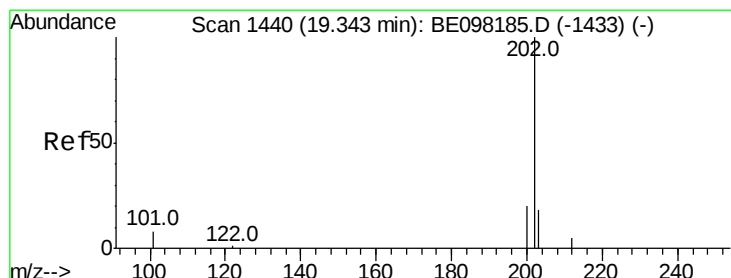
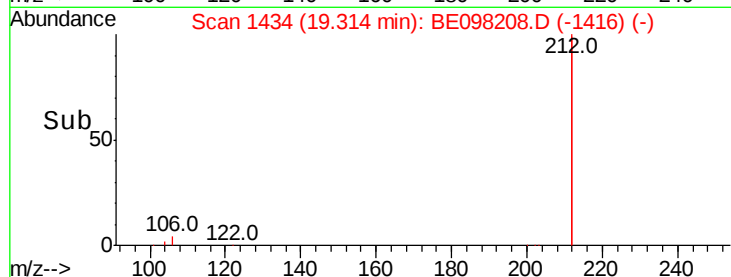
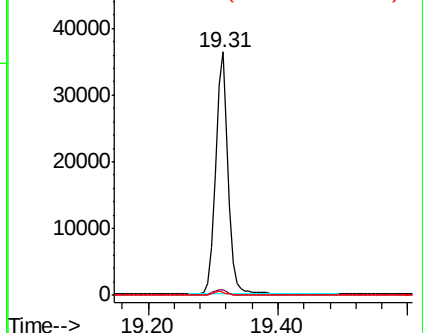
104 1.4 1.1 1.7



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: 0.388 ng

RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

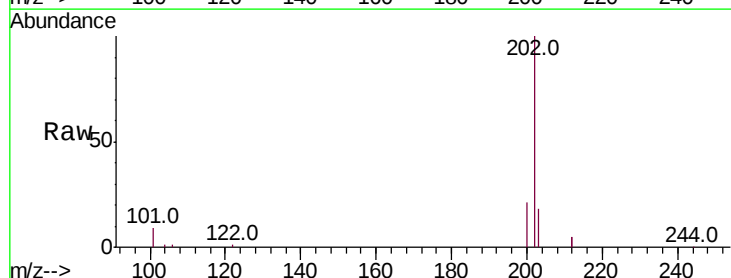
Tgt Ion:202 Resp: 12330

Ion Ratio Lower Upper

202 100

101 9.4 7.0 10.6

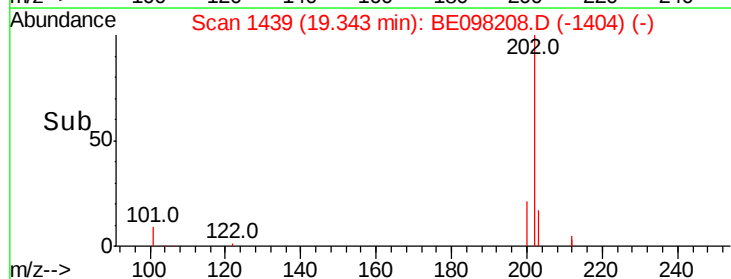
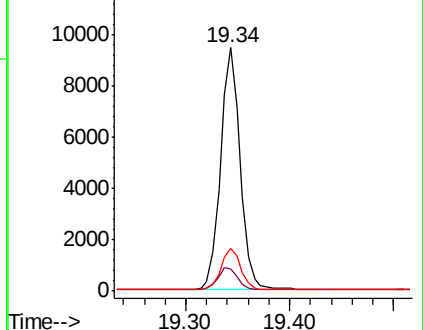
203 17.0 13.7 20.5

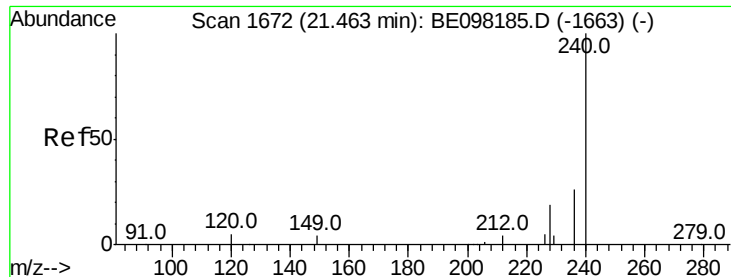


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

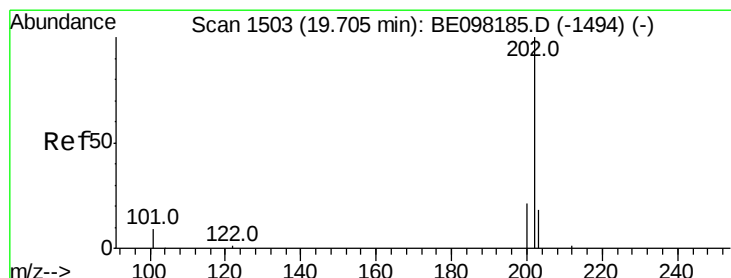
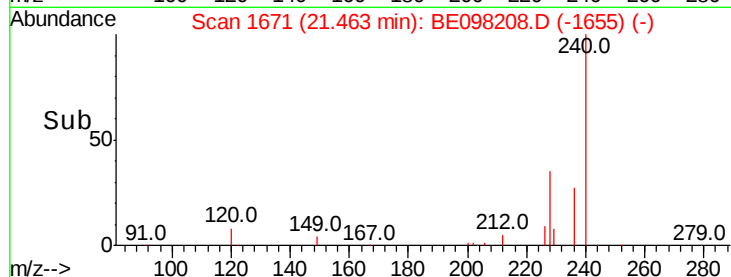
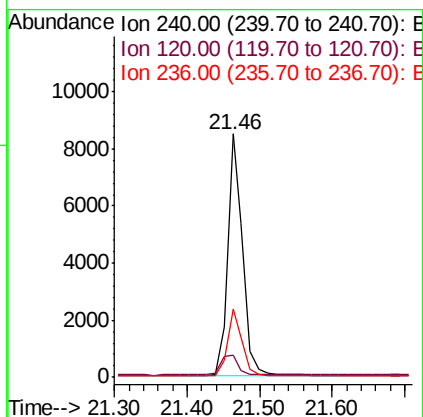
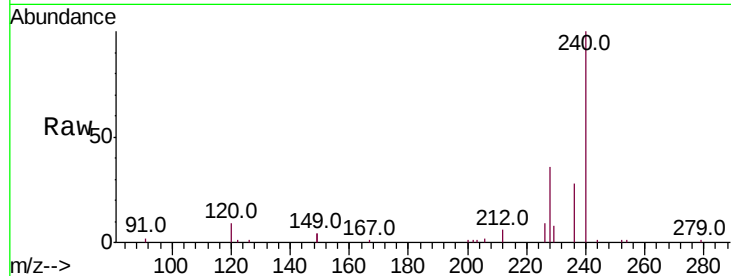




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098208.D
 Acq: 13 Nov 2018 10:29

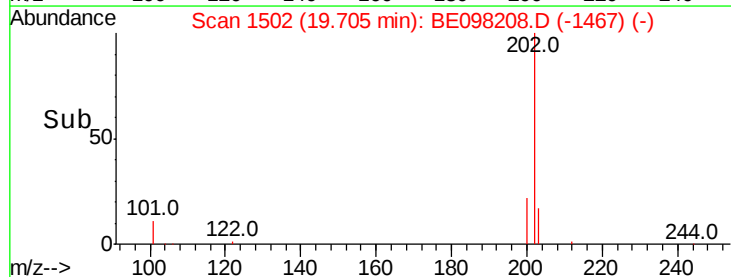
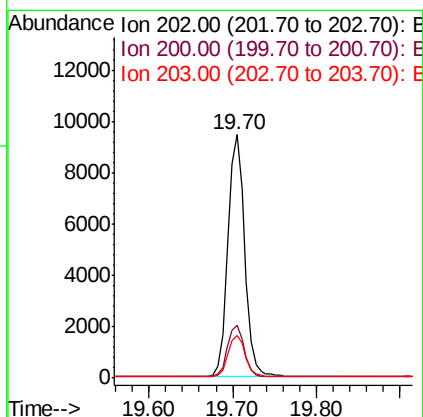
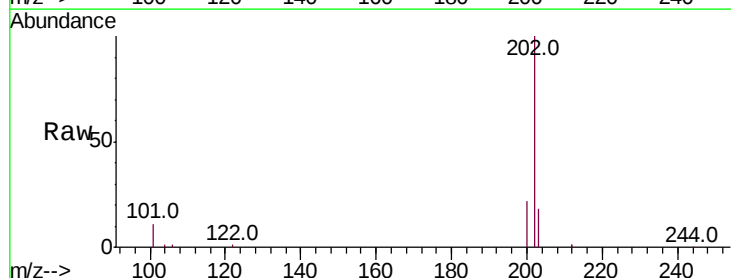
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

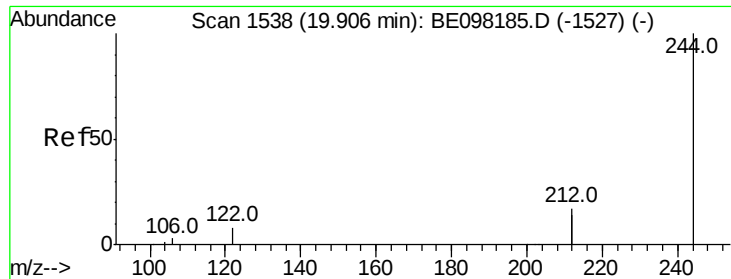
Tot Ion:240 Resp: 12376
 Ion Ratio Lower Upper
 240 100
 120 9.1 4.8 7.2#
 236 28.0 21.4 32.0



#28
 Pyrene
 Concen: 0.386 ng
 RT: 19.70 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BE098208.D
 Acq: 13 Nov 2018 10:29

Tgt Ion:202 Resp: 13140
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.2 25.8
 203 17.4 14.2 21.4





#29

Terphenyl-d14

Concen: 0.369 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

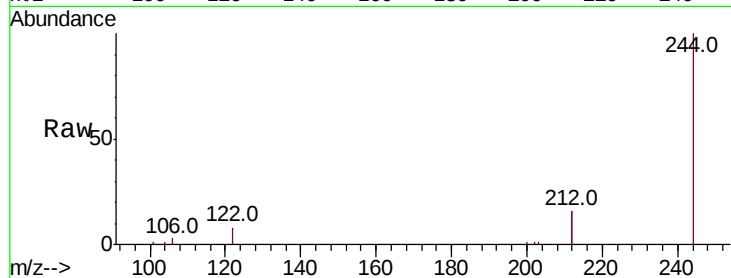
Tot Ion:244 Resp: 10355

Ion Ratio Lower Upper

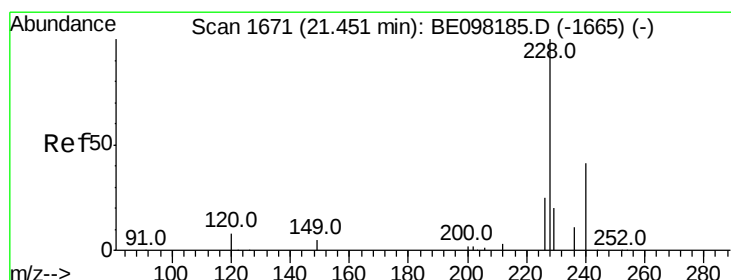
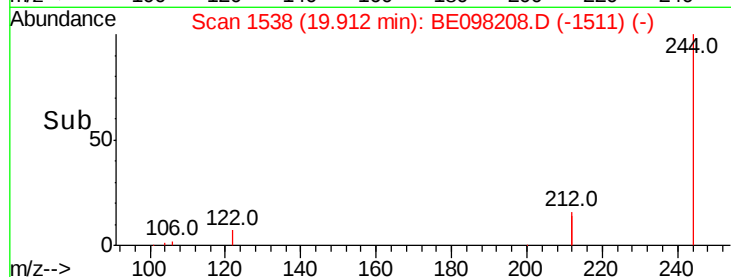
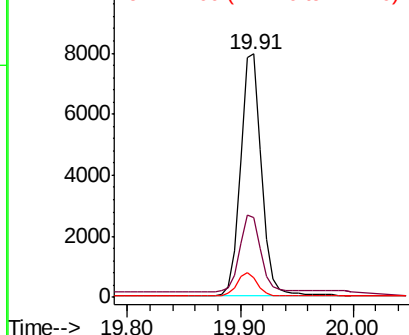
244 100

212 32.7 26.8 40.2

122 7.9 7.0 10.6



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: 0.381 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

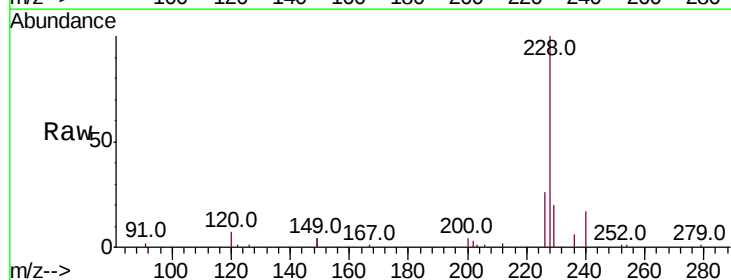
Tgt Ion:228 Resp: 13384

Ion Ratio Lower Upper

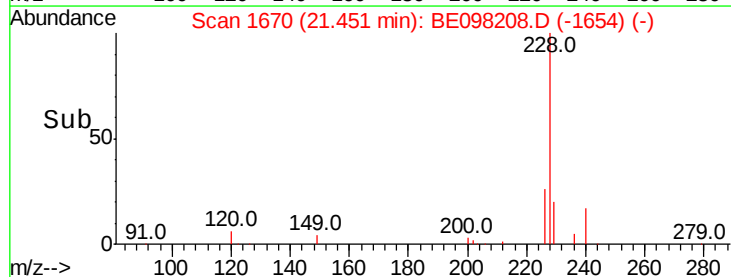
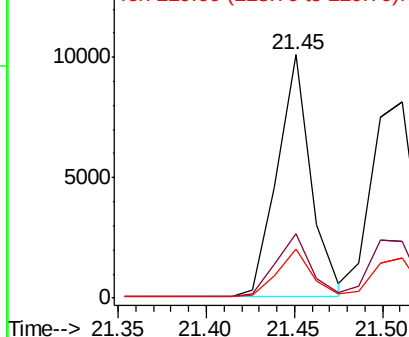
228 100

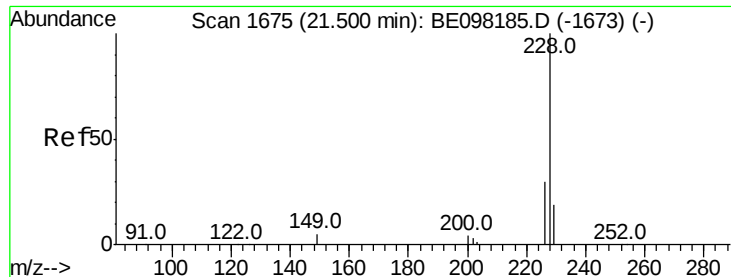
226 26.3 20.7 31.1

229 20.1 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





#31

Chrysene

Concen: 0.381 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.01 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

Instrument :

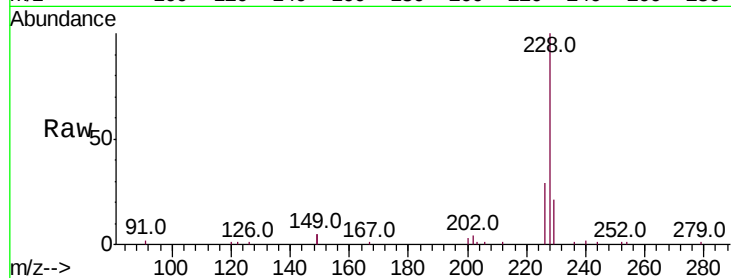
BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 13610

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.6	36.8
229	20.6	16.0	24.0

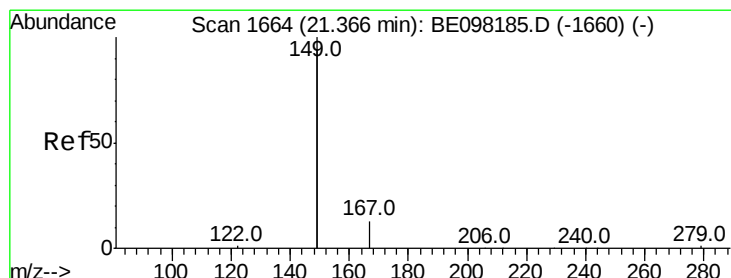
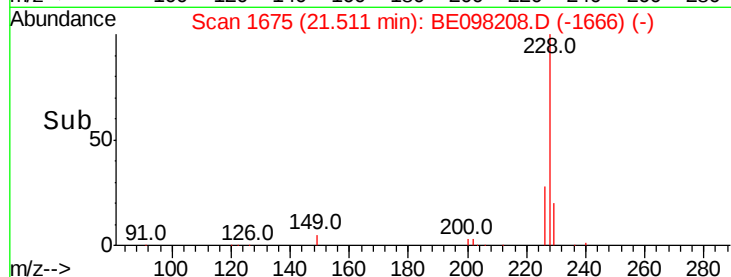
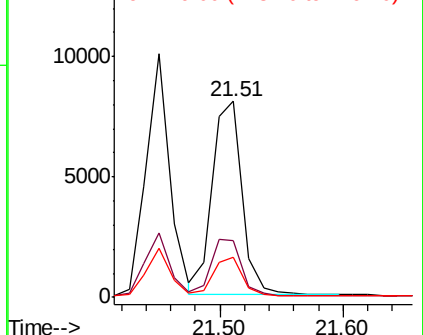


Abundance

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

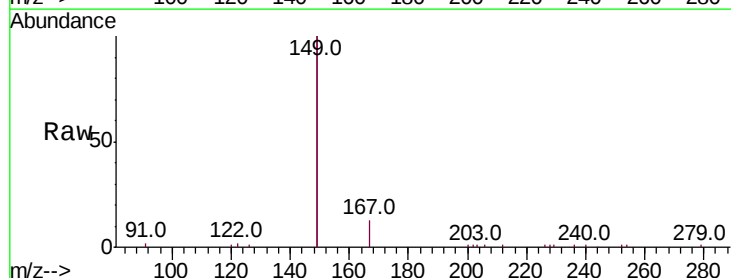
Delta R.T. -0.00 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

Tgt Ion:149 Resp: 28953

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.6	8.4
279	1.3	0.9	1.3

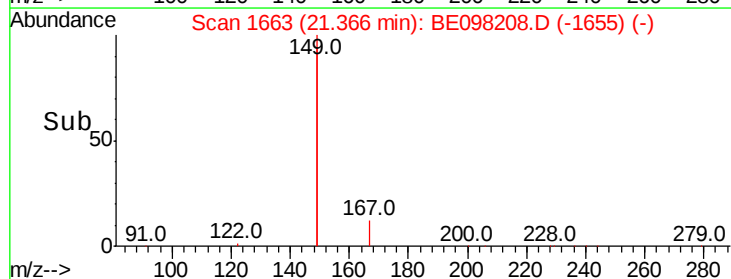
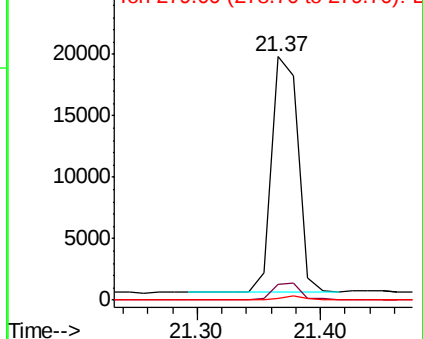


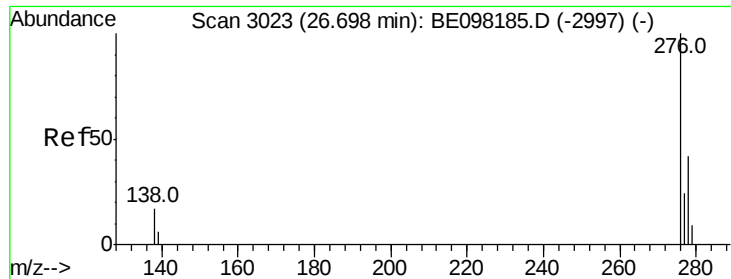
Abundance

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: 0.386 ng

RT: 26.71 min Scan# 3025

Delta R.T. 0.01 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

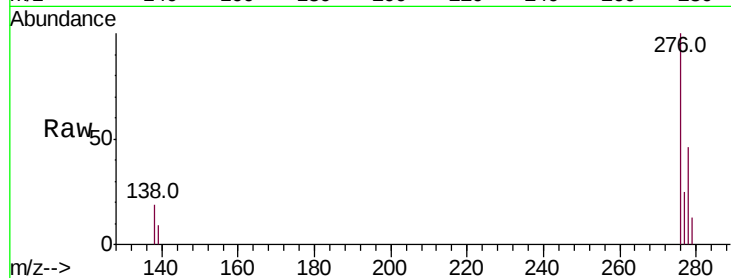
Tot Ion:276 Resp: 12651

Ion Ratio Lower Upper

276 100

138 21.6 6.4 9.6#

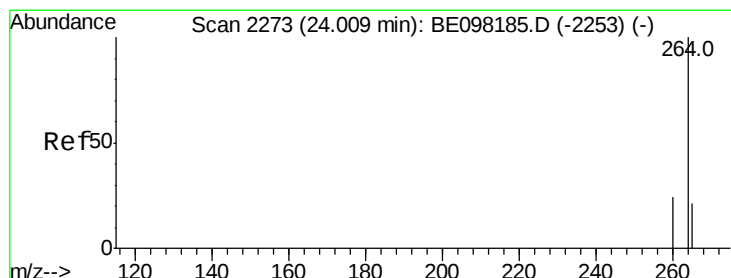
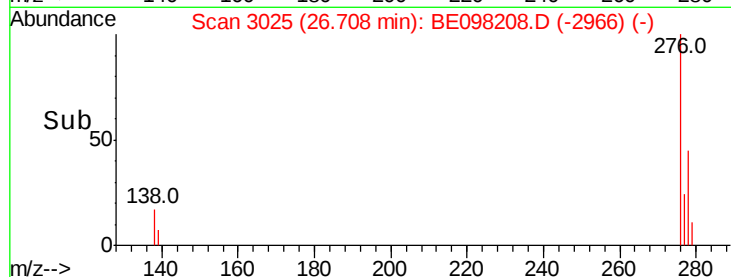
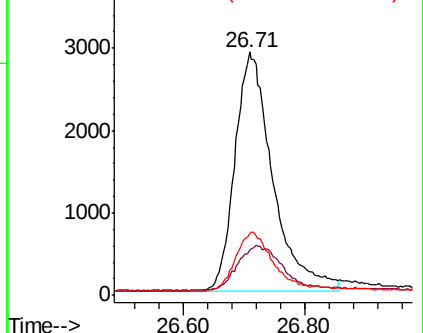
277 24.1 18.9 28.3



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. 0.01 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

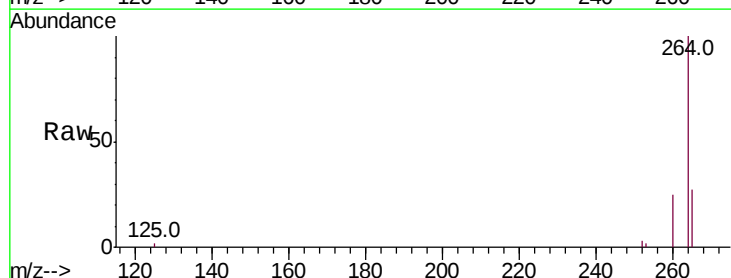
Tgt Ion:264 Resp: 11643

Ion Ratio Lower Upper

264 100

260 25.3 19.9 29.9

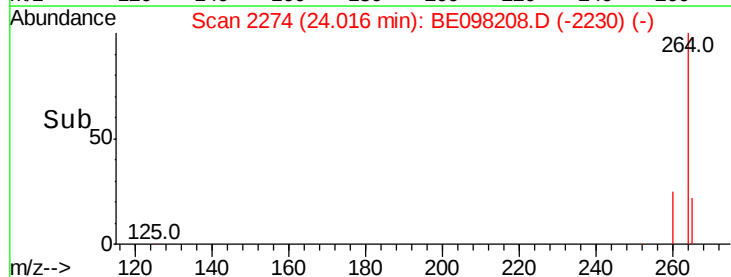
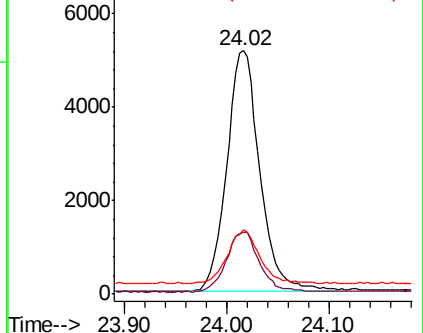
265 26.5 21.3 31.9

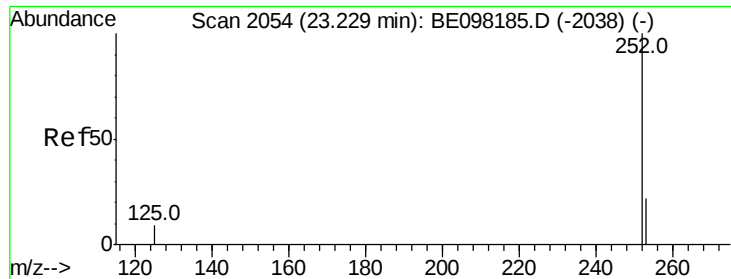


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.377 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

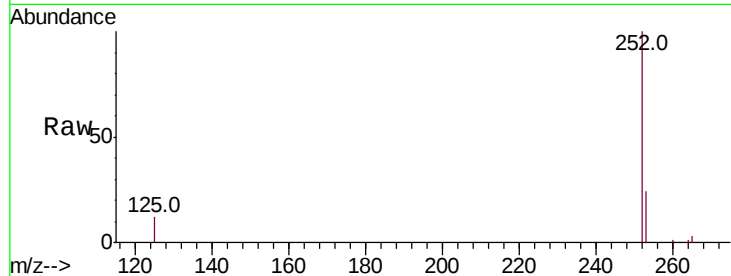
Tot Ion:252 Resp: 12447

Ion Ratio Lower Upper

252 100

253 23.8 19.4 29.0

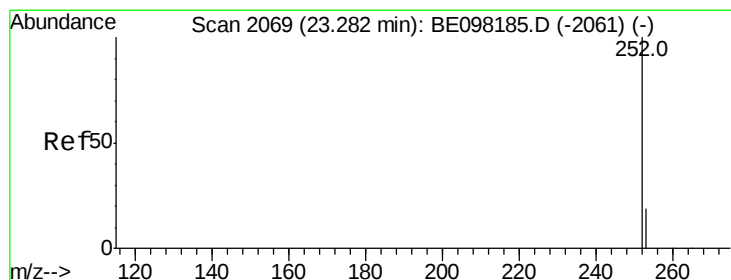
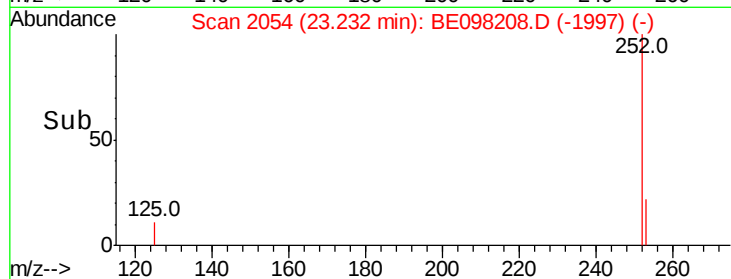
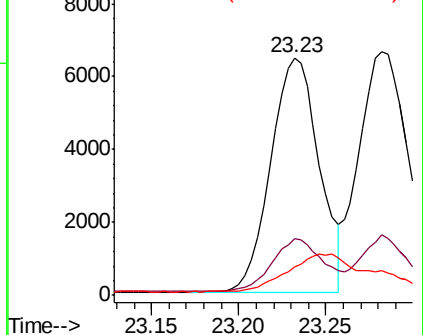
125 12.1 8.6 12.8



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: 0.382 ng

RT: 23.28 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

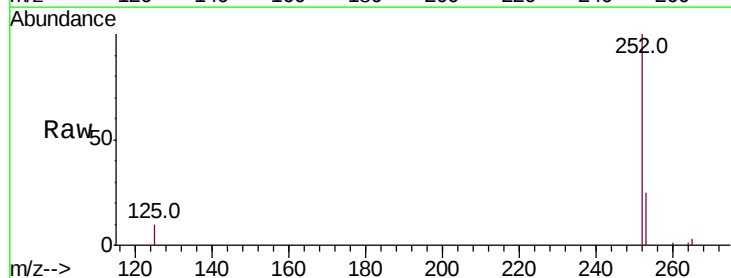
Tgt Ion:252 Resp: 13309

Ion Ratio Lower Upper

252 100

253 24.8 18.6 28.0

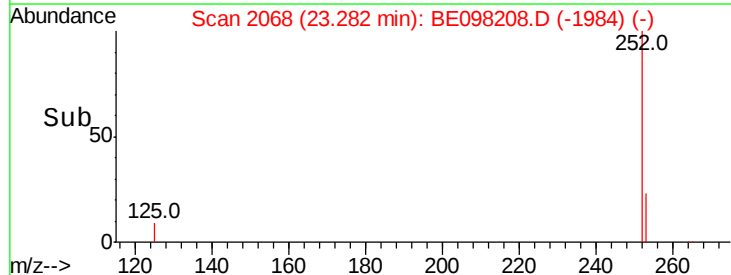
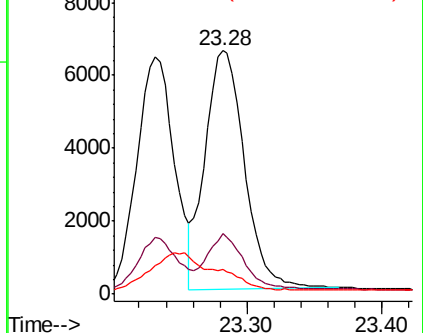
125 10.2 7.4 11.0

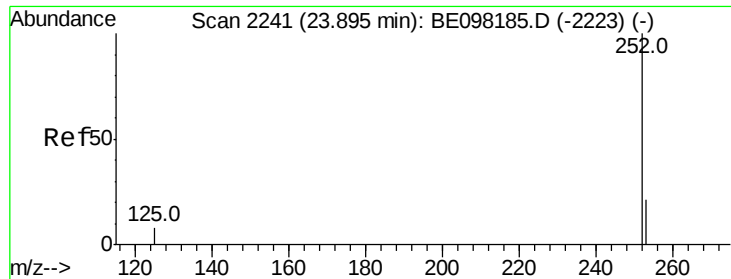


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

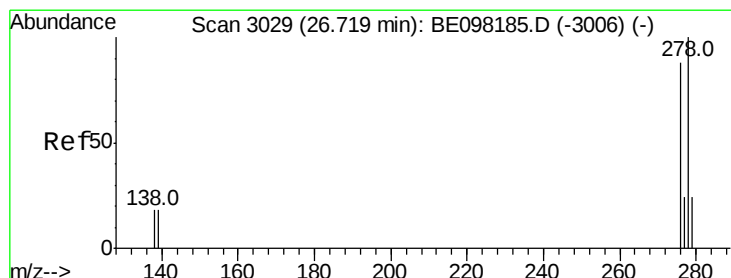
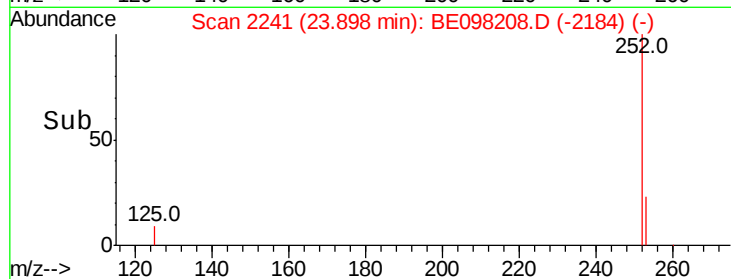
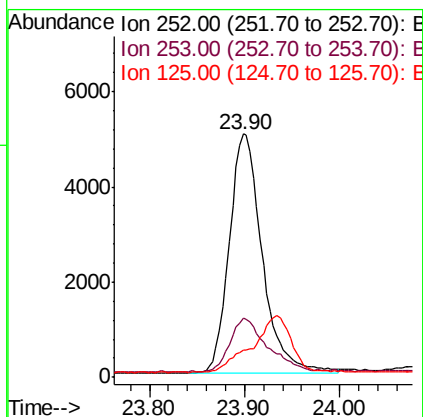
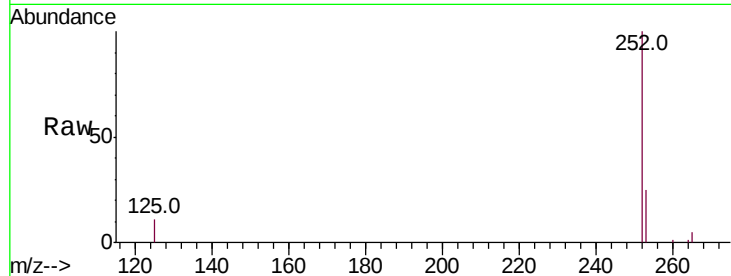




#37
Benzo(a)pyrene
Concen: 0.381 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098208.D
Acq: 13 Nov 2018 10:29

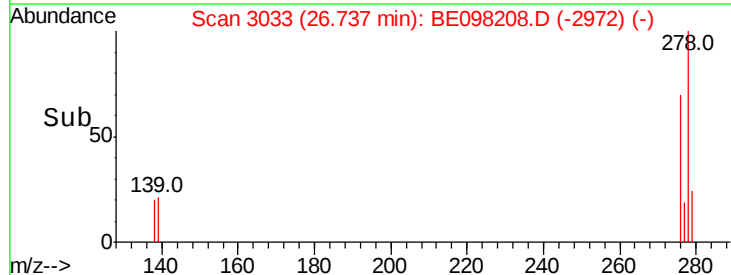
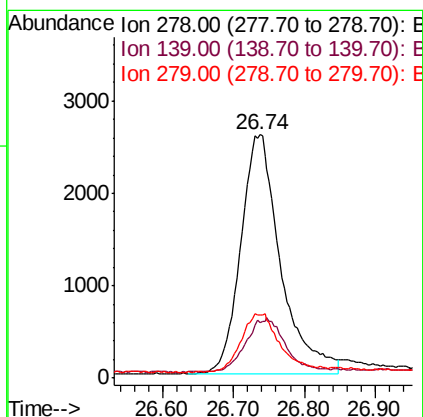
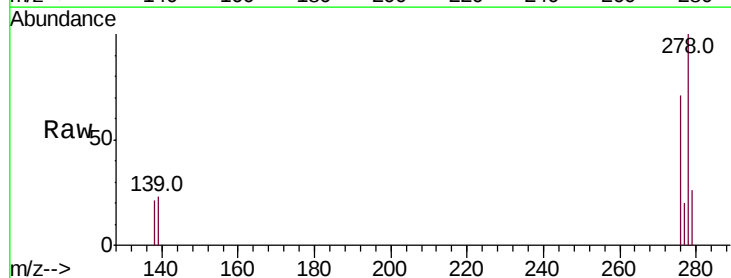
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

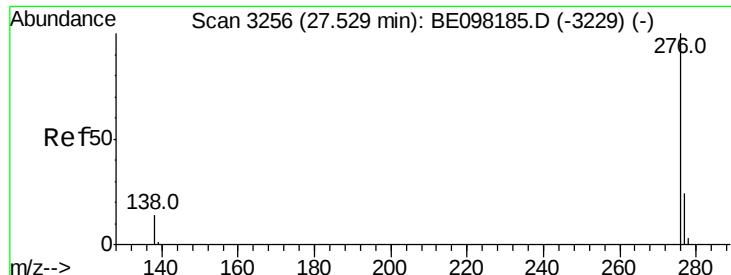
Tot Ion:252 Resp: 12077
Ion Ratio Lower Upper
252 100
253 24.6 18.6 27.8
125 11.4 8.0 12.0



#38
Dibenzo(a,h)anthracene
Concen: 0.379 ng
RT: 26.74 min Scan# 3033
Delta R.T. 0.02 min
Lab File: BE098208.D
Acq: 13 Nov 2018 10:29

Tgt Ion:278 Resp: 10215
Ion Ratio Lower Upper
278 100
139 23.0 16.4 24.6
279 26.1 21.3 31.9





#39

Benzo(a,h,i)perylene

Concen: 0.383 ng

RT: 27.53 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BE098208.D

Acq: 13 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

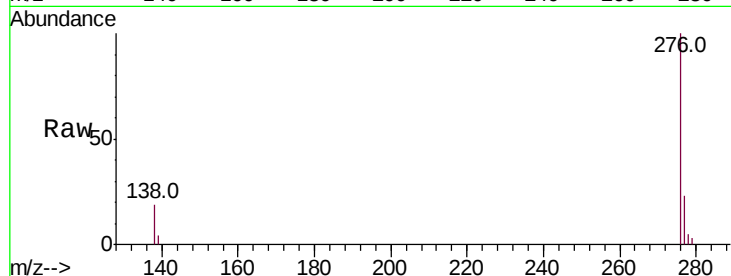
Tot Ion:276 Resp: 10798

Ion Ratio Lower Upper

276 100

277 22.9 20.4 30.6

138 19.3 13.2 19.8



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

