

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111218\
 Data File : BE098185.D
 Acq On : 12 Nov 2018 11:08
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Nov 12 11:40:04 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 11:35:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1260	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6057	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3917	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9303	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11352	0.40	ng	0.00
34) Perylene-d12	24.01	264	10523	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1391	0.37	ng	0.00
5) Phenol-d6	7.04	99	2225	0.36	ng	0.00
8) Nitrobenzene-d5	9.02	82	2283	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4091	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	588	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6207	0.39	ng	0.00
25) Fluoranthene-d10	19.31	212	44350	0.37	ng	0.00
29) Terphenyl-d14	19.91	244	9279	0.35	ng	0.00

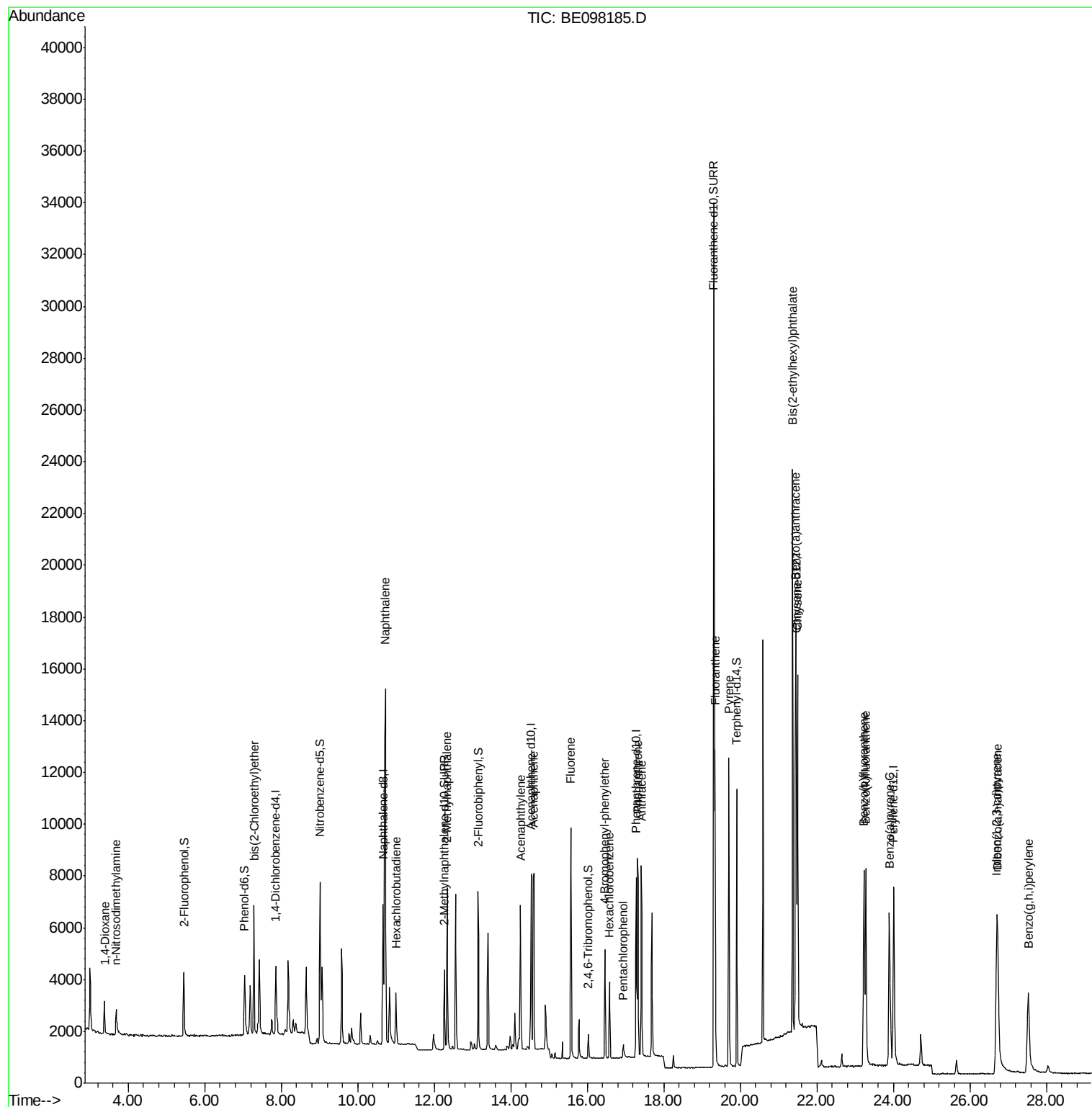
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	721	0.384	ng	99
3) n-Nitrosodimethylamine	3.69	42	922	0.367	ng	100
6) bis(2-Chloroethyl)ether	7.29	93	1725	0.383	ng	100
9) Naphthalene	10.72	128	23817	0.393	ng	100
10) Hexachlorobutadiene	11.01	225	1479	0.372	ng	100
12) 2-Methylnaphthalene	12.34	142	4129	0.382	ng	100
16) Acenaphthylene	14.26	152	6951	0.389	ng	100
17) Acenaphthene	14.60	154	4250	0.396	ng	99
18) Fluorene	15.57	166	5469	0.384	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	2126	0.375	ng	100
21) Hexachlorobenzene	16.58	284	2287	0.386	ng	100
22) Pentachlorophenol	16.94	266	380	0.289	ng	100
23) Phenanthrene	17.31	178	8941	0.388	ng	100
24) Anthracene	17.41	178	8248	0.376	ng	100
26) Fluoranthene	19.34	202	10996	0.381	ng	100
28) Pyrene	19.71	202	11341	0.366	ng	100
30) Benzo(a)anthracene	21.45	228	11671	0.352	ng	100
31) Chrysene	21.50	228	12023	0.366	ng	100
32) Bis(2-ethylhexyl)phthalate	21.37	149	23415	0.199	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	11322	0.332	ng	100
35) Benzo(b)fluoranthene	23.23	252	10994	0.371	ng	100
36) Benzo(k)fluoranthene	23.28	252	11769	0.384	ng	100
37) Benzo(a)pyrene	23.90	252	10704	0.370	ng	100
38) Dibenzo(a,h)anthracene	26.72	278	9129	0.338	ng	100
39) Benzo(g,h,i)perylene	27.53	276	9335	0.347	ng	100

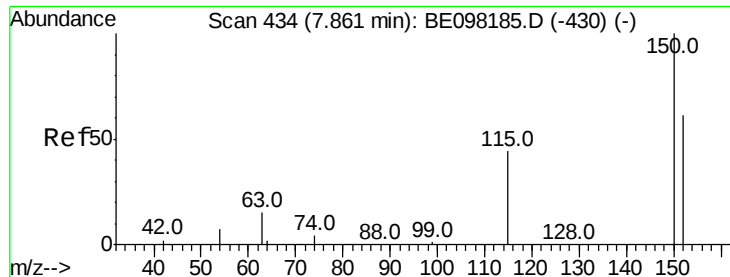
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 12 11:35:26 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: BE098185.D

Acq: 12 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

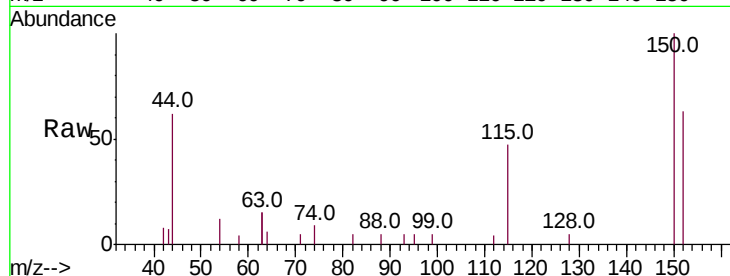
Tot Ion:152 Resp: 1260

Ion Ratio Lower Upper

152 100

150 159.4 127.5 191.3

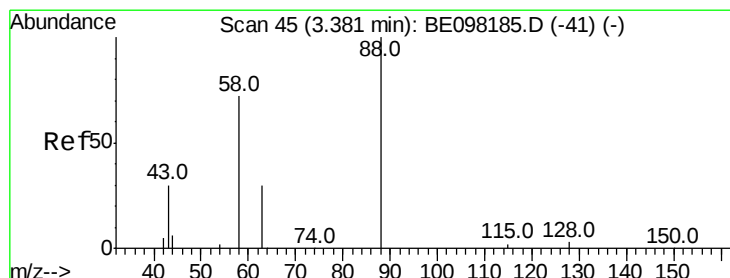
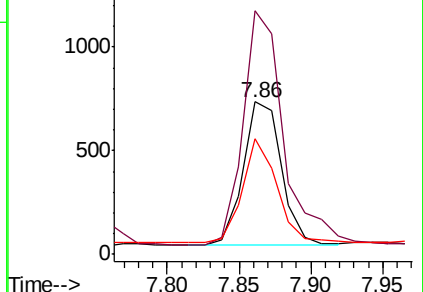
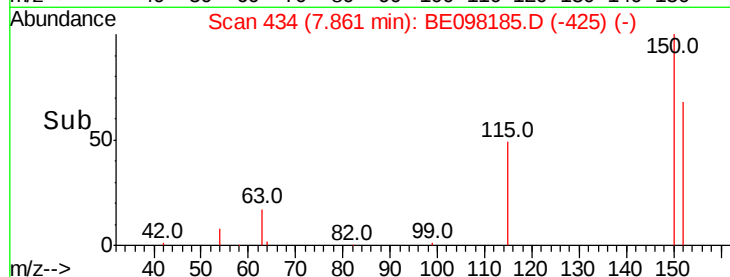
115 75.4 60.3 90.5



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: 0.384 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

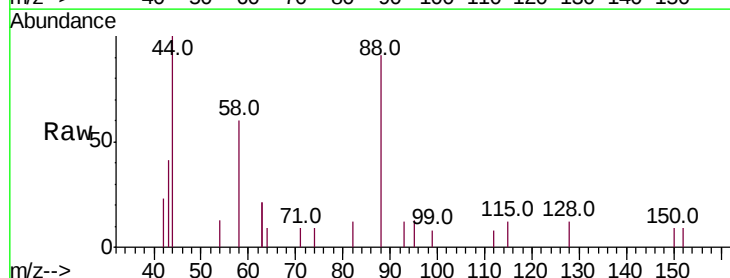
Tgt Ion: 88 Resp: 721

Ion Ratio Lower Upper

88 100

58 98.5 79.0 118.4

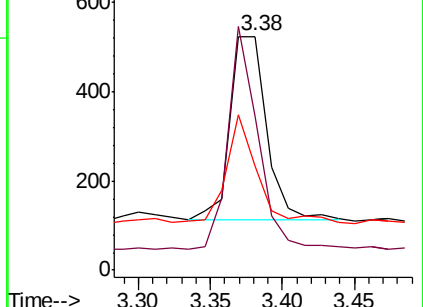
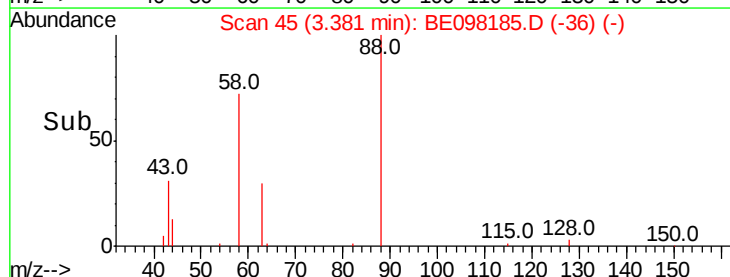
43 49.9 38.1 57.1

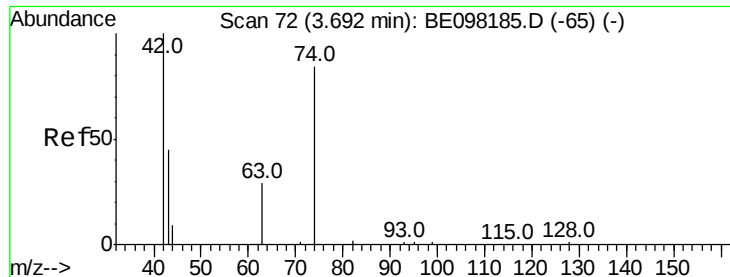


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



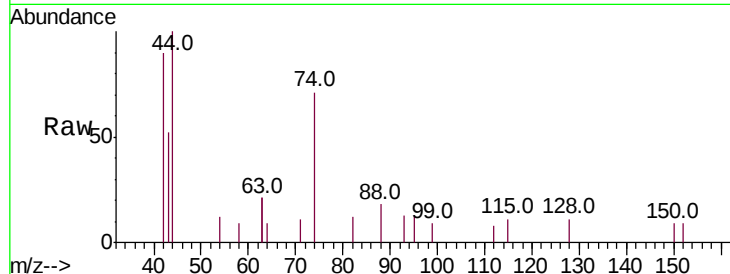


#3

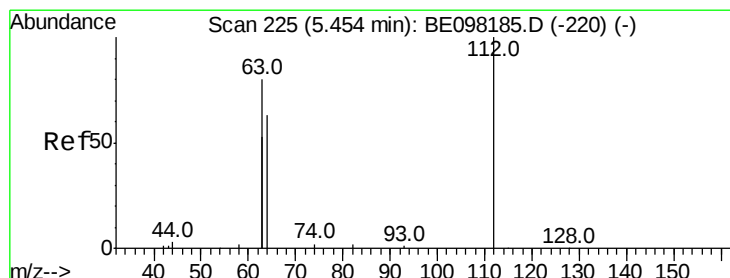
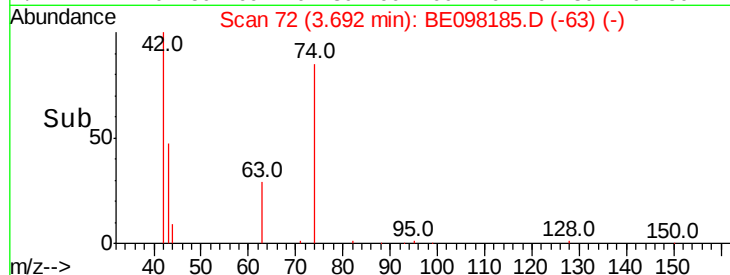
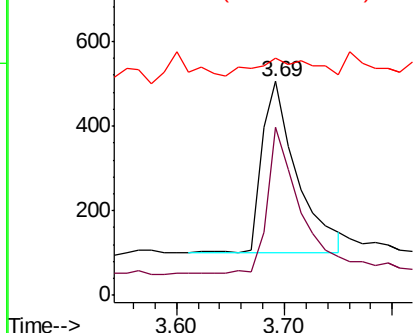
n-Nitrosodimethylamine
Concen: 0.367 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098185.D
Acq: 12 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion: 42 Resp: 922
Ion Ratio Lower Upper
42 100
74 77.3 61.7 92.5
44 17.4 14.0 21.0



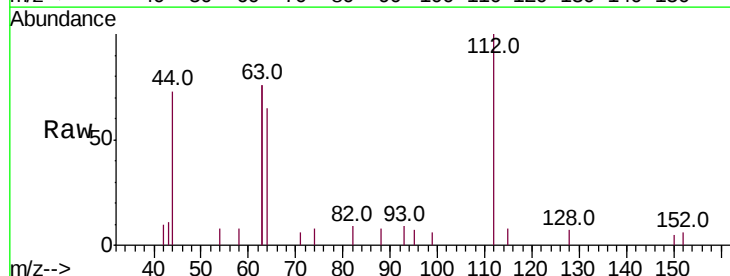
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



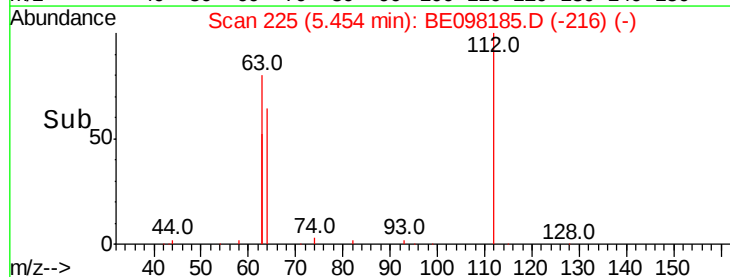
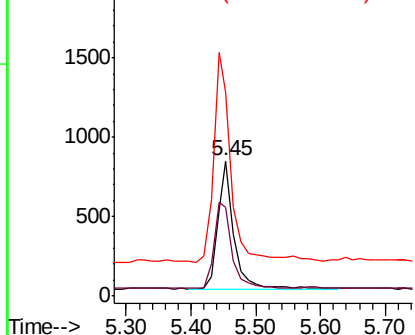
#4

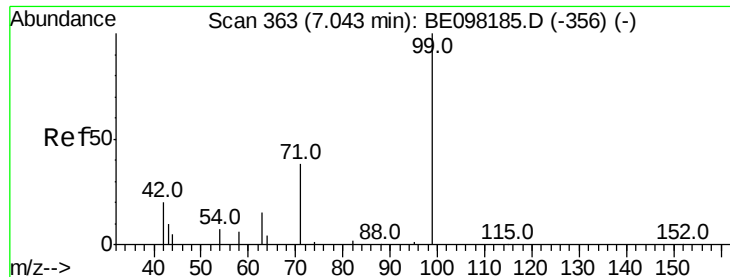
2-Fluorophenol
Concen: 0.372 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098185.D
Acq: 12 Nov 2018 11:08

Tgt Ion: 112 Resp: 1391
Ion Ratio Lower Upper
112 100
64 77.1 61.7 92.5
63 170.2 136.2 204.2



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: 0.361 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

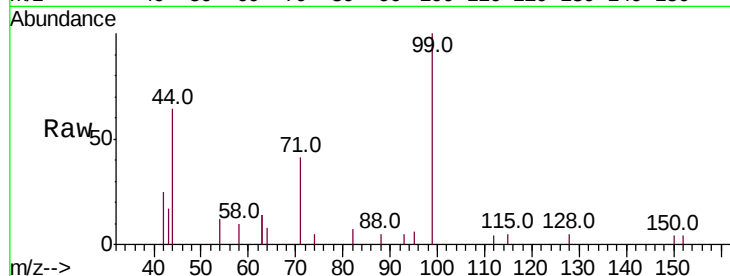
Tot Ion: 99 Resp: 2225

Ion Ratio Lower Upper

99 100

42 33.9 27.1 40.7

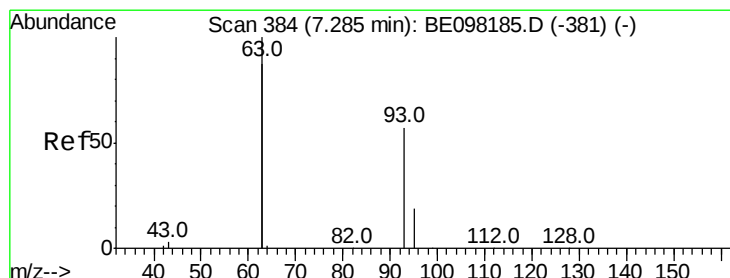
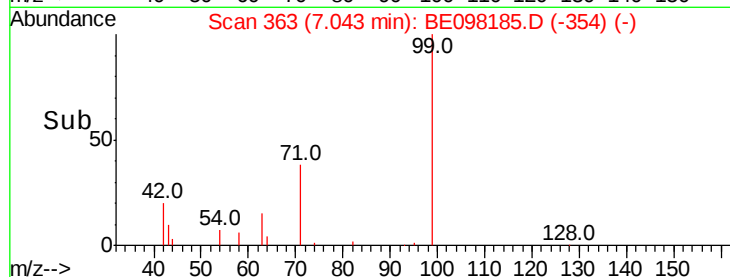
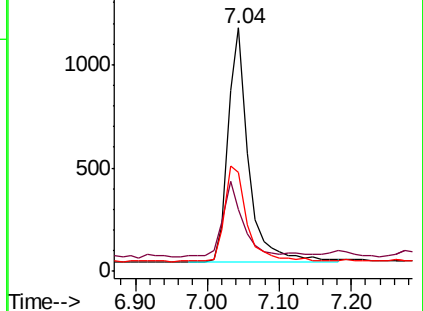
71 44.9 37.0 55.6



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: 0.383 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

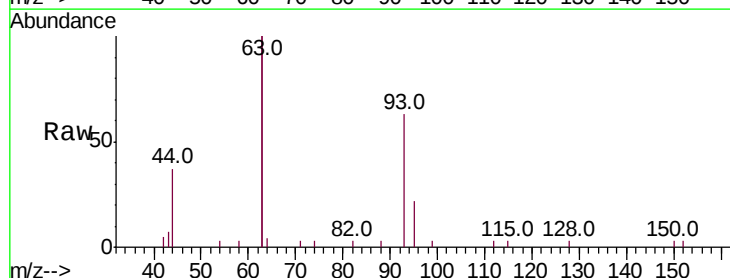
Tgt Ion: 93 Resp: 1725

Ion Ratio Lower Upper

93 100

63 340.8 272.6 409.0

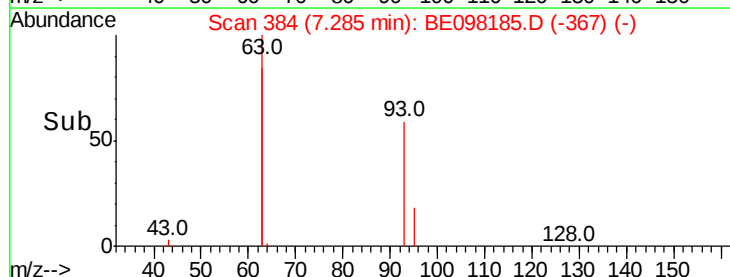
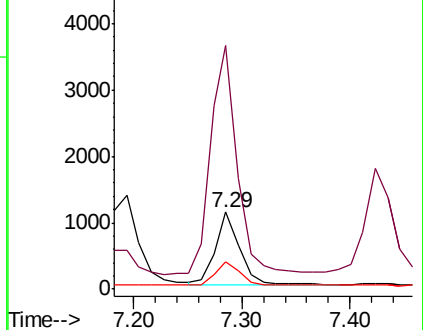
95 33.9 27.1 40.7

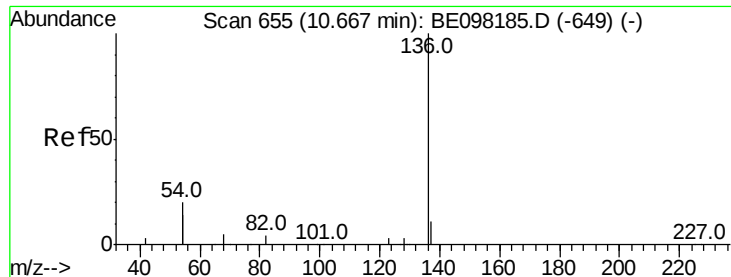


Abundance Ion 93.00 (92.70 to 93.70): BE0

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# 655

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 6057

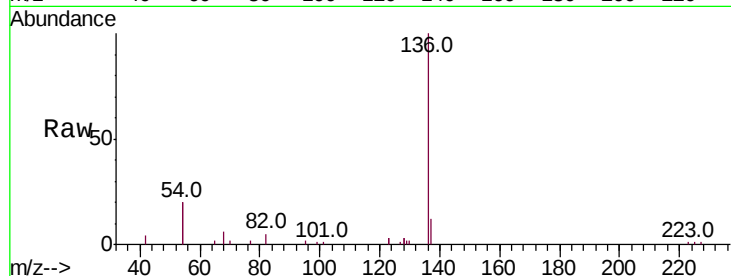
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 39.1 31.3 46.9

68 6.0 4.8 7.2

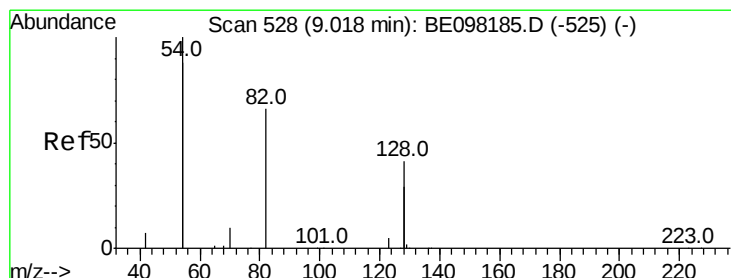
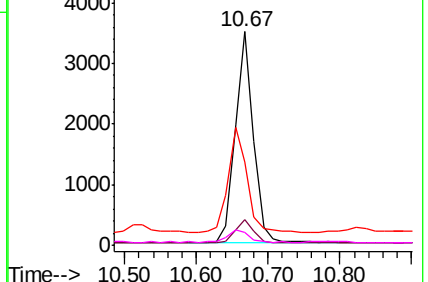
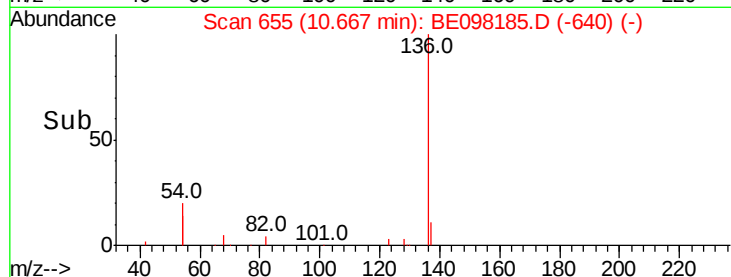


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.351 ng

RT: 9.02 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

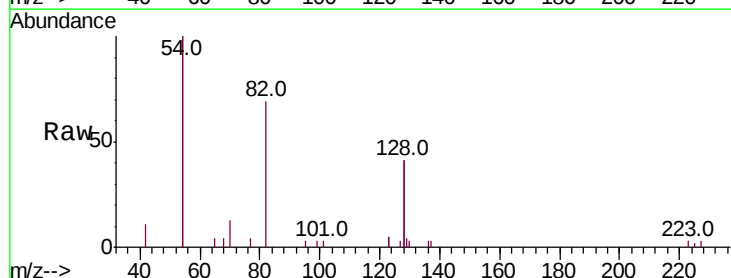
Tgt Ion: 82 Resp: 2283

Ion Ratio Lower Upper

82 100

128 120.1 96.1 144.1

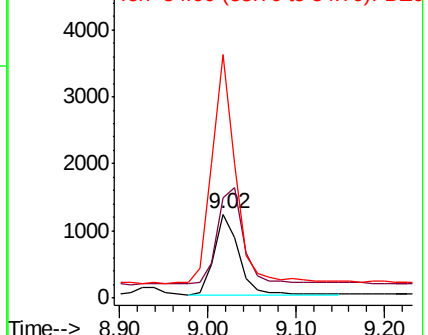
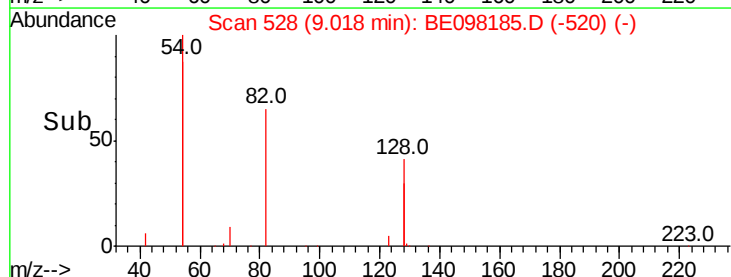
54 290.0 232.0 348.0

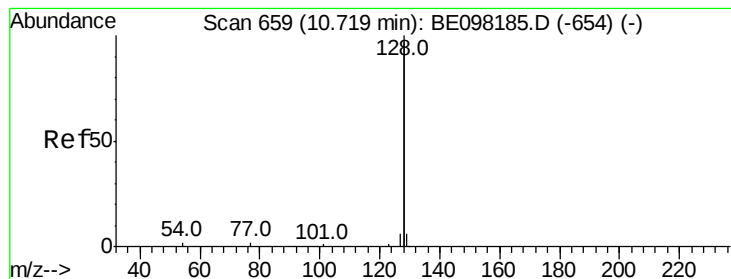


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.393 ng

RT: 10.72 min Scan# 659

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

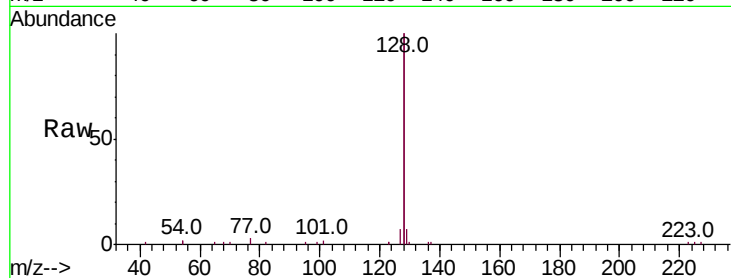
Tot Ion:128 Resp: 23817

Ion Ratio Lower Upper

128 100

129 3.3 2.6 4.0

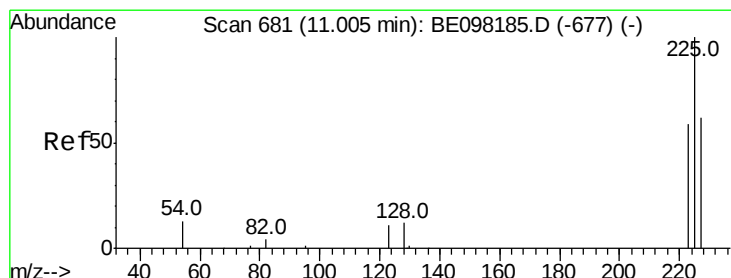
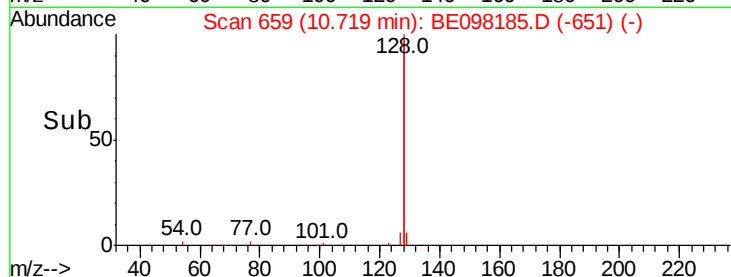
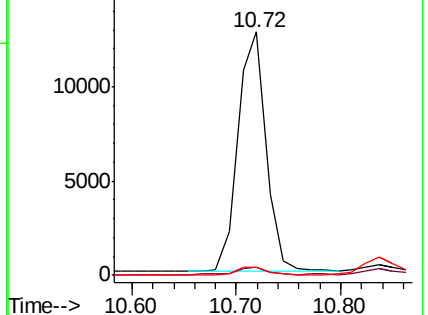
127 3.5 2.8 4.2



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: 0.372 ng

RT: 11.01 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

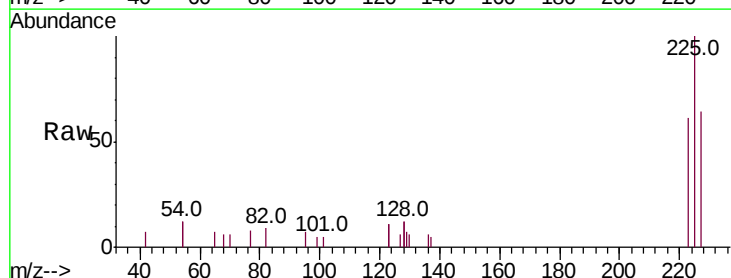
Tgt Ion:225 Resp: 1479

Ion Ratio Lower Upper

225 100

223 63.1 50.5 75.7

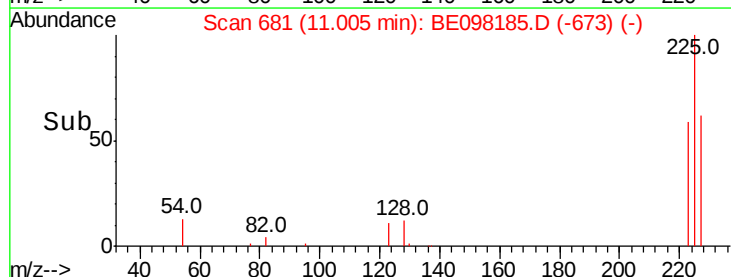
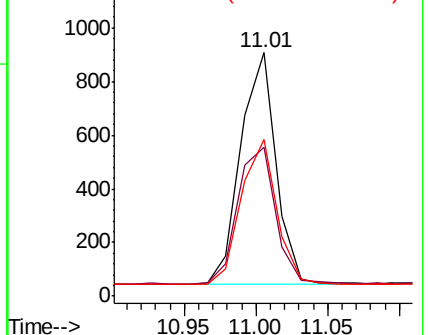
227 62.9 50.3 75.5

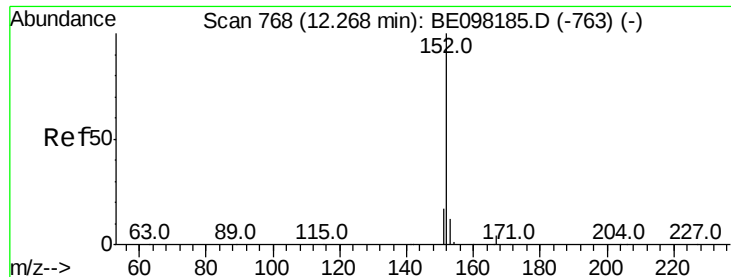


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

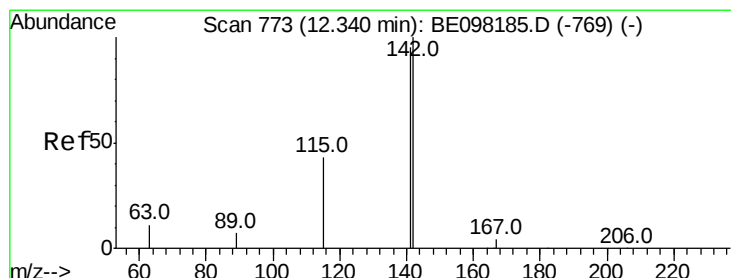
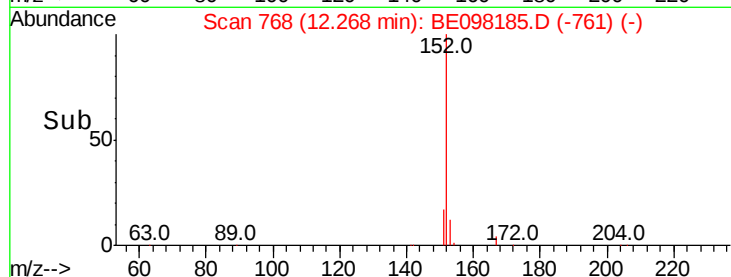
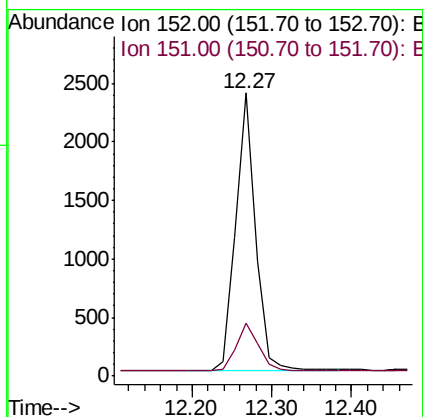
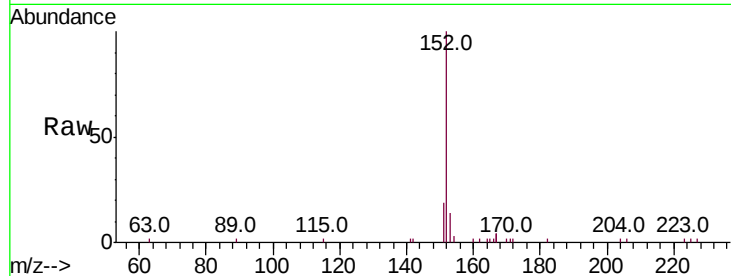




#11
 2-Methylnaphthalene-d10
 Concen: 0.383 ng
 RT: 12.27 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE098185.D
 Acq: 12 Nov 2018 11:08

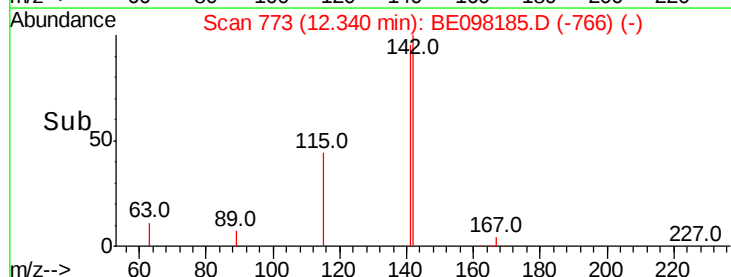
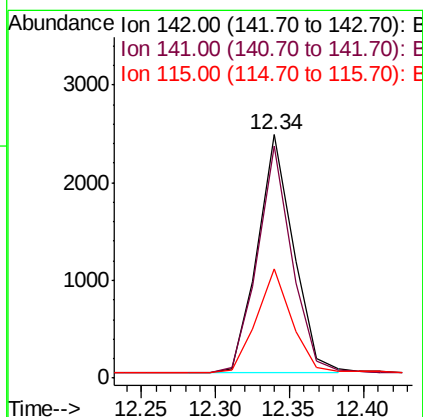
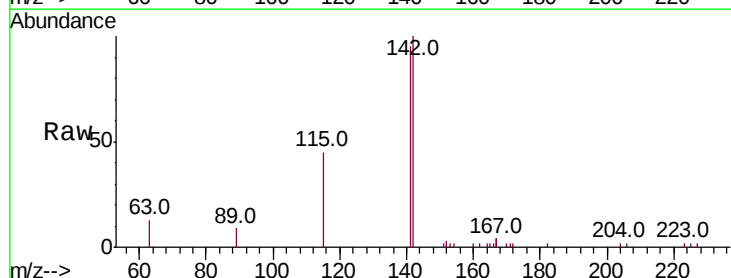
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

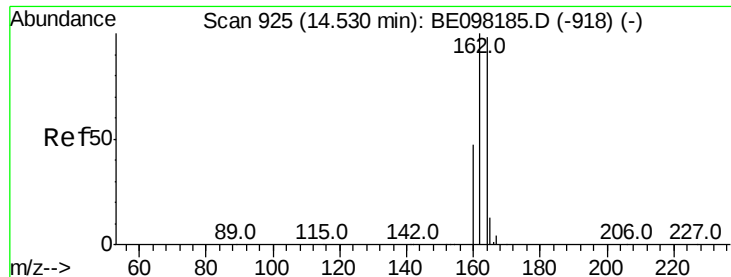
Tot Ion:152 Resp: 4091
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.382 ng
 RT: 12.34 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BE098185.D
 Acq: 12 Nov 2018 11:08

Tgt Ion:142 Resp: 4129
 Ion Ratio Lower Upper
 142 100
 141 95.4 76.3 114.5
 115 44.8 35.8 53.8

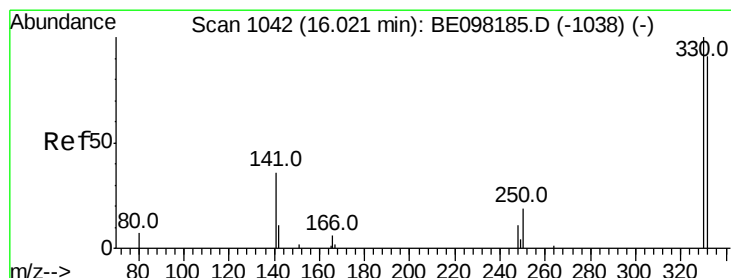
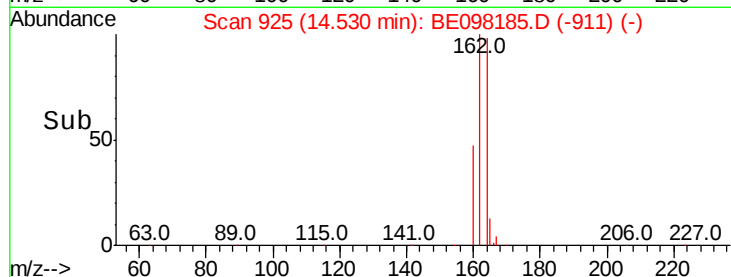
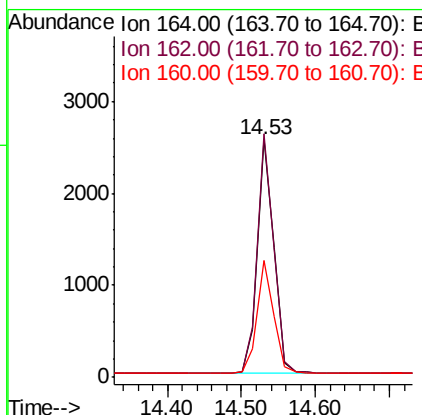
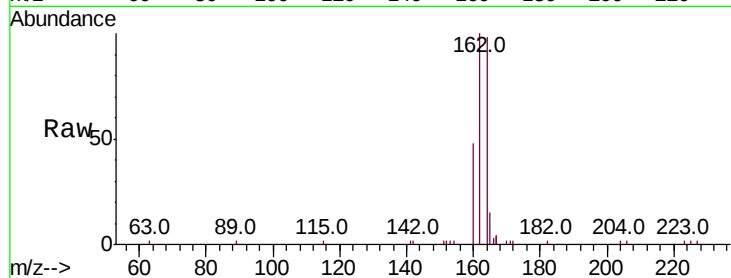




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE098185.D
Acq: 12 Nov 2018 11:08

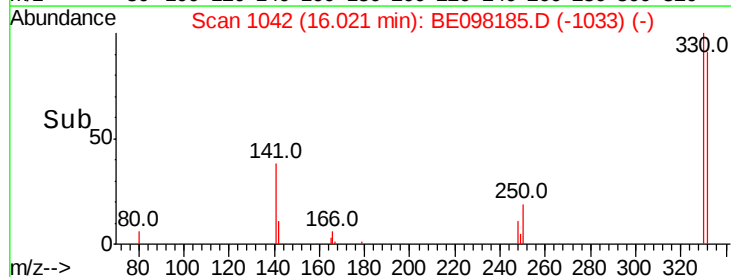
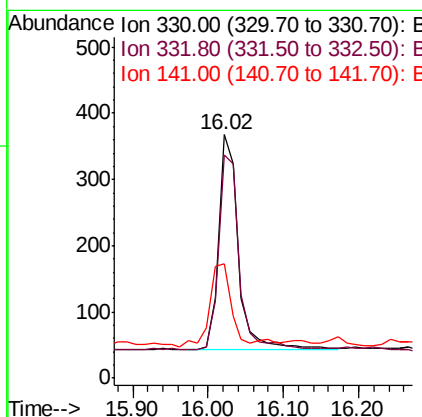
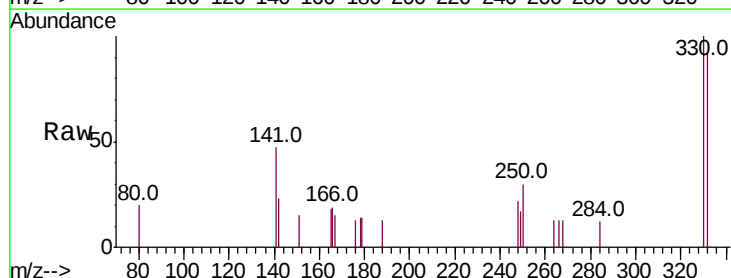
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

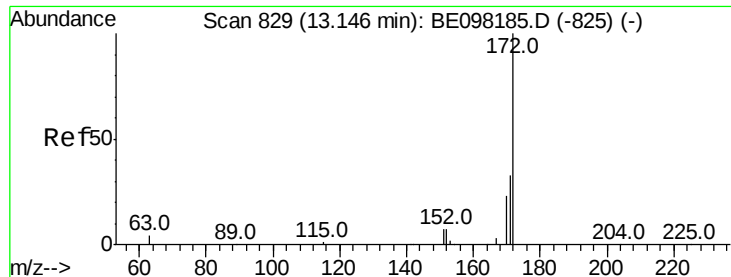
Tot Ion:164 Resp: 3917
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 49.2 39.4 59.0



#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 16.02 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098185.D
Acq: 12 Nov 2018 11:08

Tgt Ion:330 Resp: 588
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 42.0 33.6 50.4

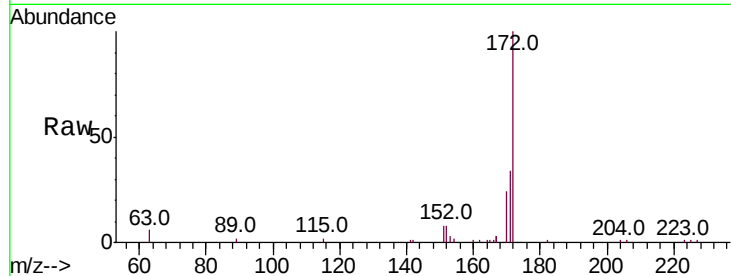




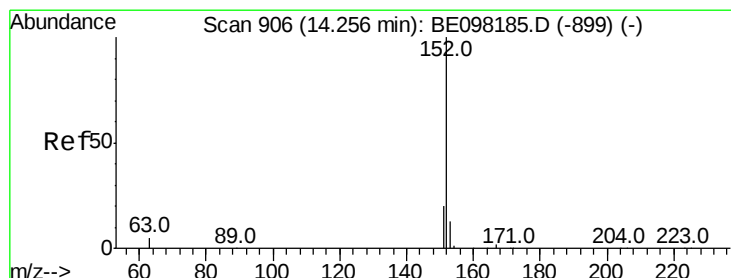
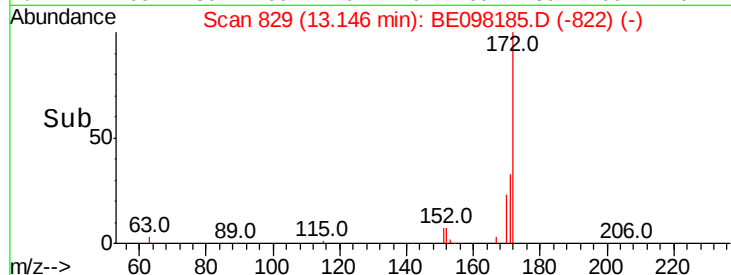
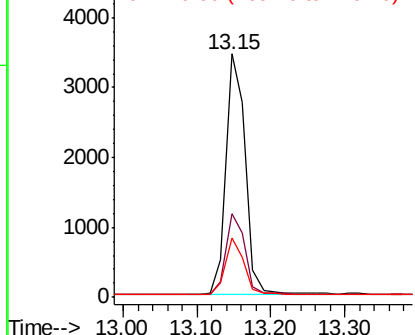
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.15 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098185.D
Acq: 12 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:172 Resp: 6207
Ion Ratio Lower Upper
172 100
171 34.1 27.3 40.9
170 24.2 19.4 29.0

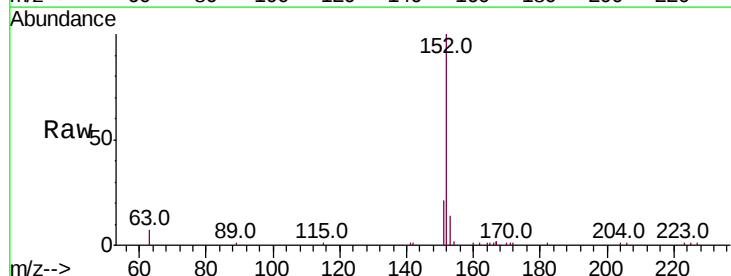


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

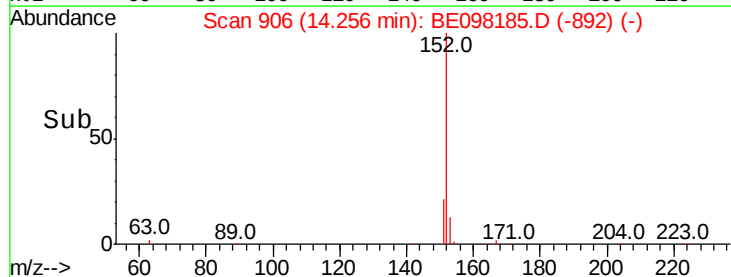
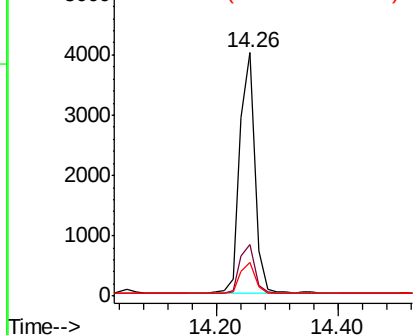


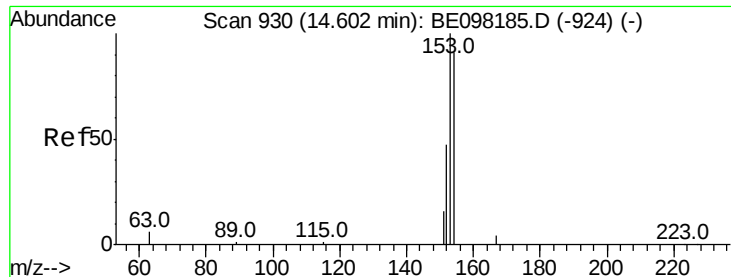
#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.26 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE098185.D
Acq: 12 Nov 2018 11:08

Tgt Ion:152 Resp: 6951
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.2 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: 0.396 ng

RT: 14.60 min Scan# 930

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

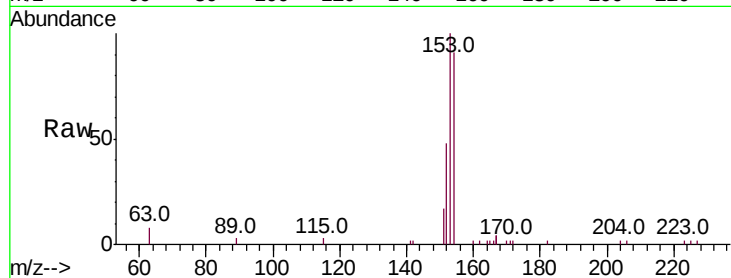
Tot Ion:154 Resp: 4250

Ion Ratio Lower Upper

154 100

153 115.7 92.1 138.1

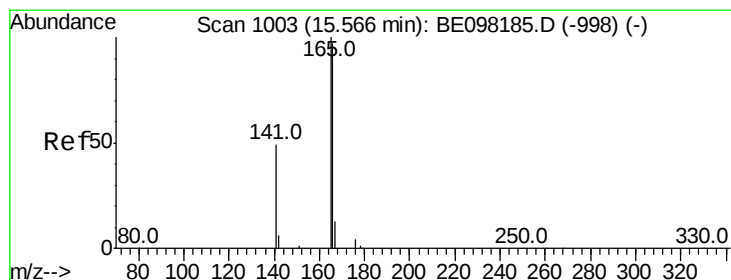
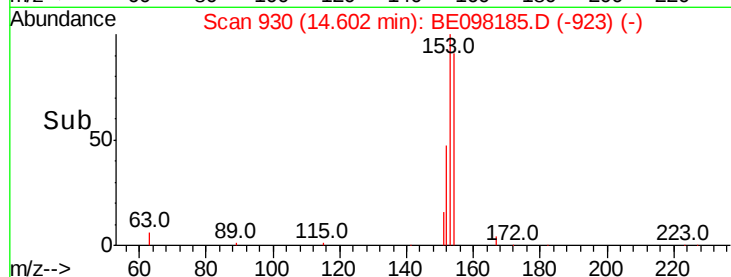
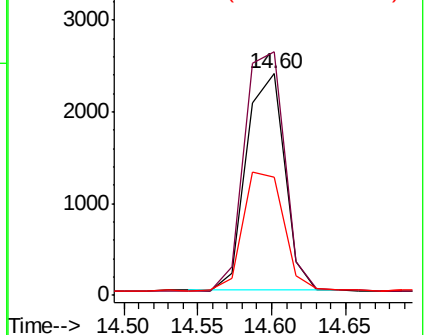
152 58.3 46.2 69.2



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: 0.384 ng

RT: 15.57 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

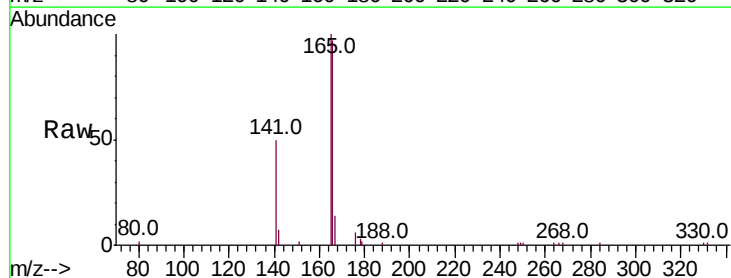
Tgt Ion:166 Resp: 5469

Ion Ratio Lower Upper

166 100

165 100.1 80.1 120.1

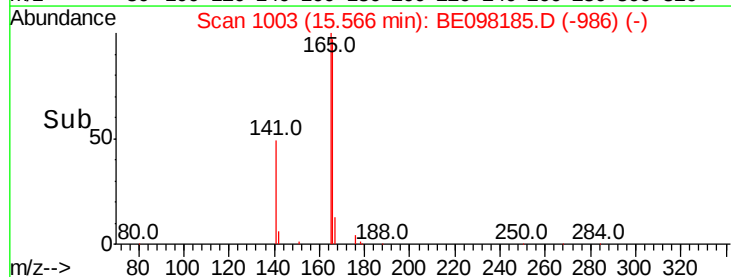
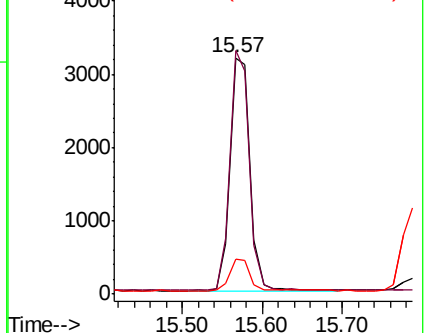
167 13.5 10.8 16.2

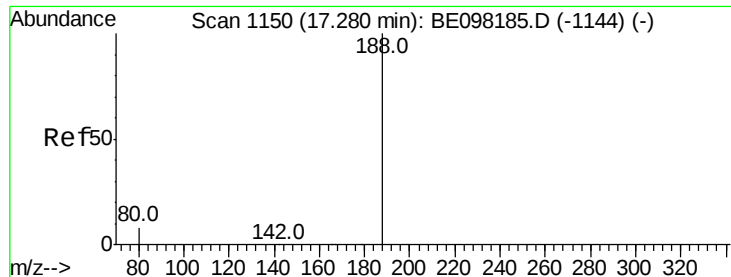


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1150

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

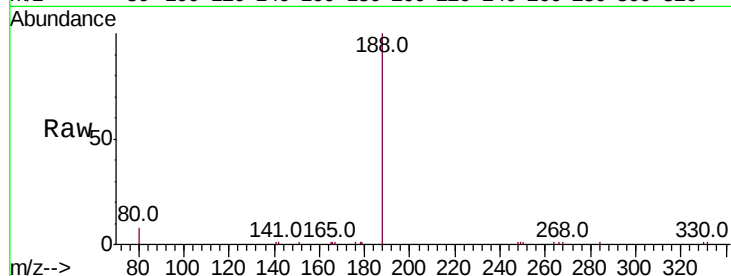
Tot Ion:188 Resp: 9303

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.4 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

8000

6000

4000

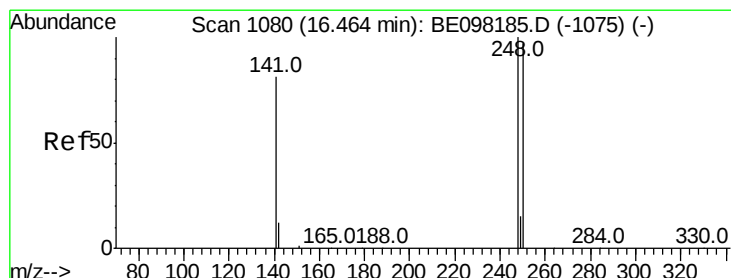
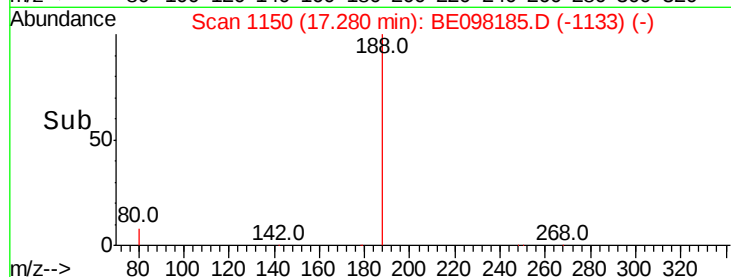
2000

0

17.28

17.20 17.30 17.40

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.375 ng

RT: 16.46 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

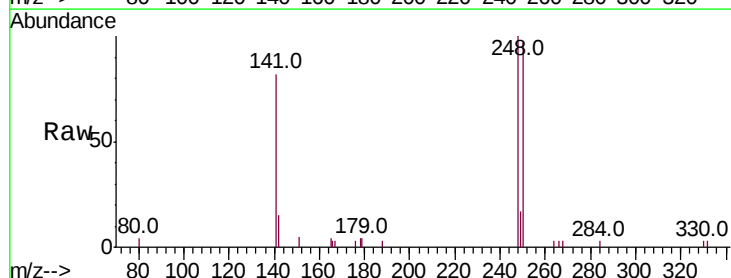
Tgt Ion:248 Resp: 2126

Ion Ratio Lower Upper

248 100

250 97.0 77.6 116.4

141 82.3 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

1500

1000

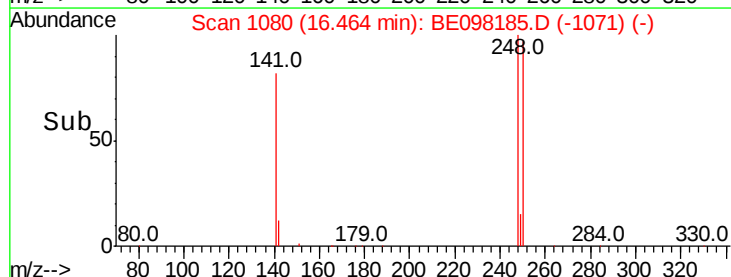
500

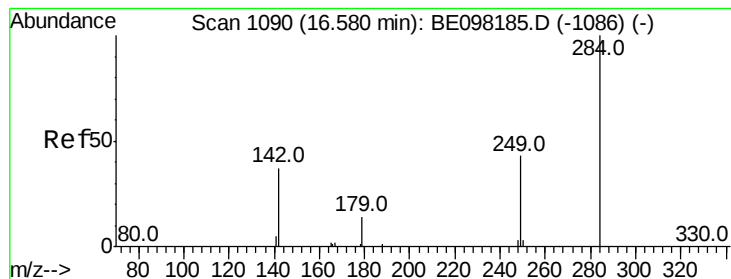
0

16.46

16.40 16.50

Time-->





#21

Hexachlorobenzene

Concen: 0.386 ng

RT: 16.58 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

Instrument :

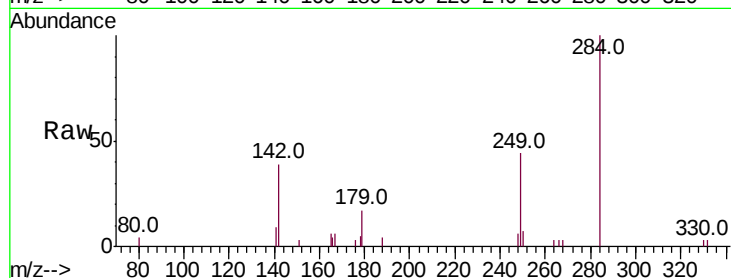
BNA_E

ClientSampleId :

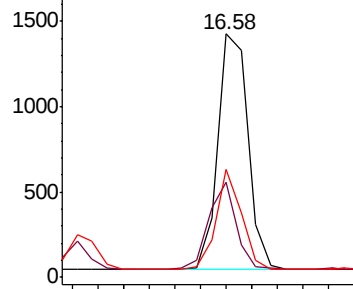
SSTDICCC0.4

Tot Ion:284 Resp: 2287

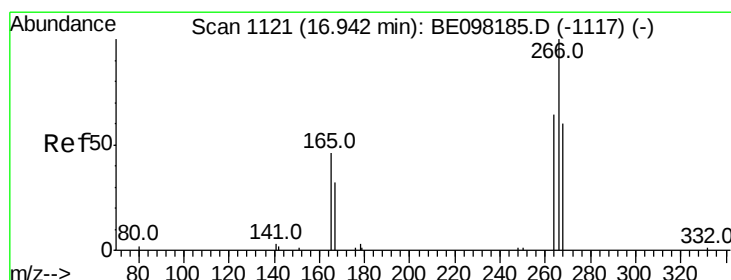
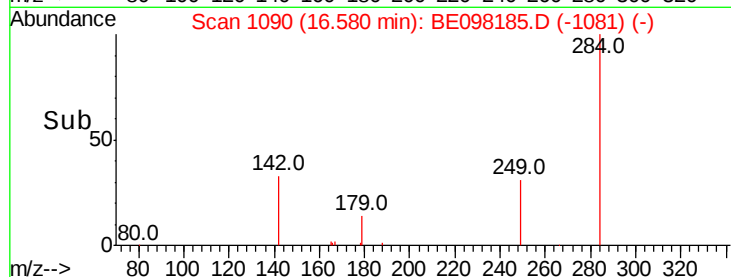
Ion	Ratio	Lower	Upper
284	100		
142	33.1	26.5	39.7
249	35.5	28.4	42.6



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



Time-->



#22

Pentachlorophenol

Concen: 0.289 ng

RT: 16.94 min Scan# 1121

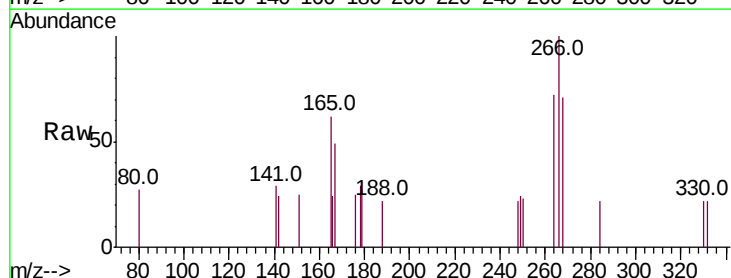
Delta R.T. 0.00 min

Lab File: BE098185.D

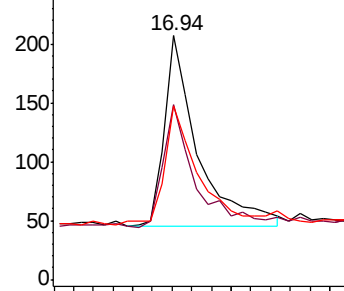
Acq: 12 Nov 2018 11:08

Tgt Ion:266 Resp: 380

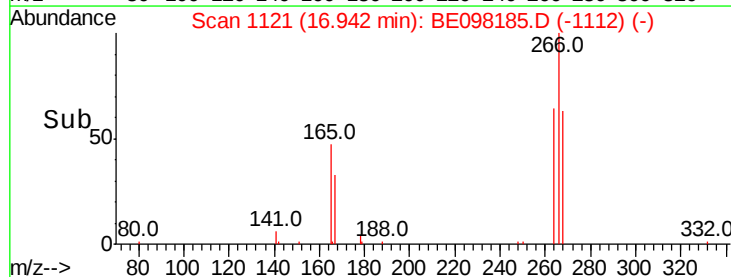
Ion	Ratio	Lower	Upper
266	100		
264	72.0	57.6	86.4
268	71.0	56.8	85.2

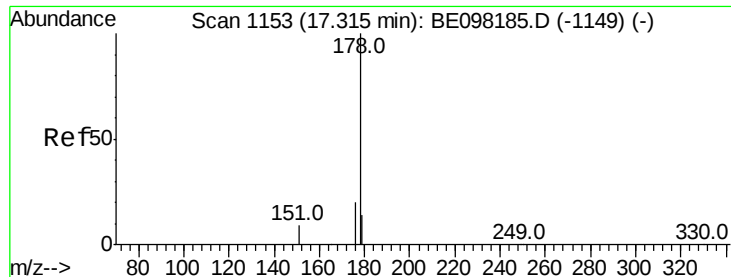


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.388 ng

RT: 17.31 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

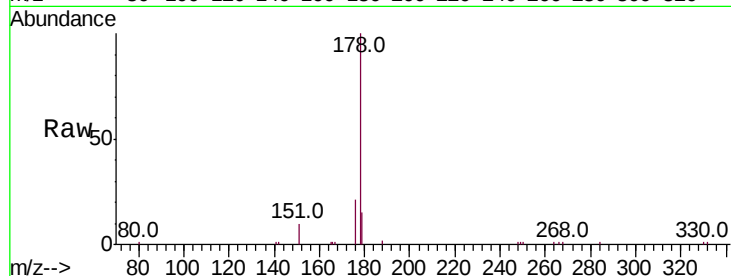
Tot Ion:178 Resp: 8941

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

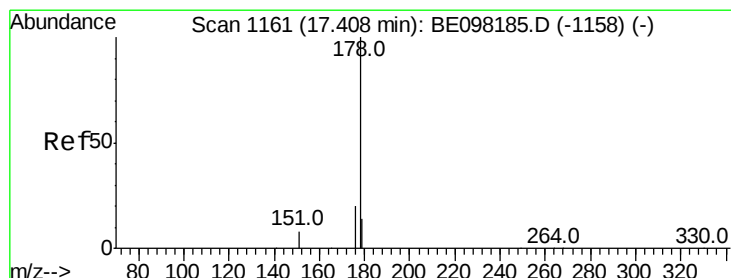
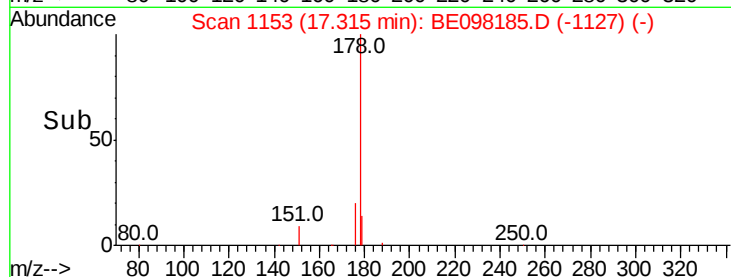
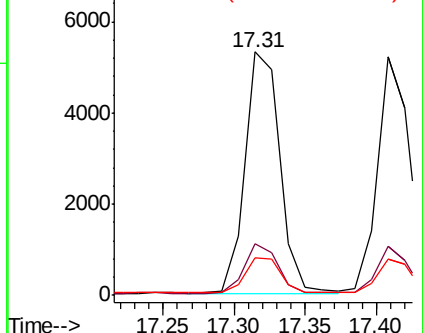
179 15.4 12.3 18.5



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: 0.376 ng

RT: 17.41 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

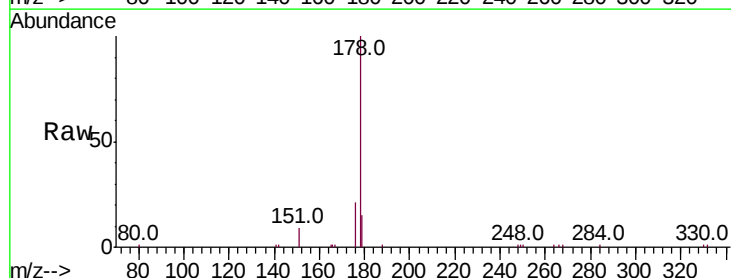
Tgt Ion:178 Resp: 8248

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

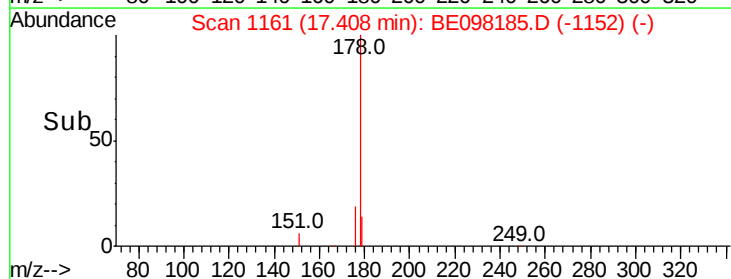
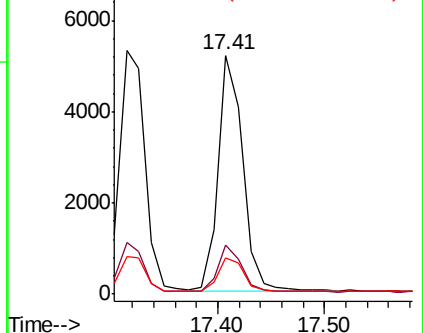
179 15.1 12.1 18.1

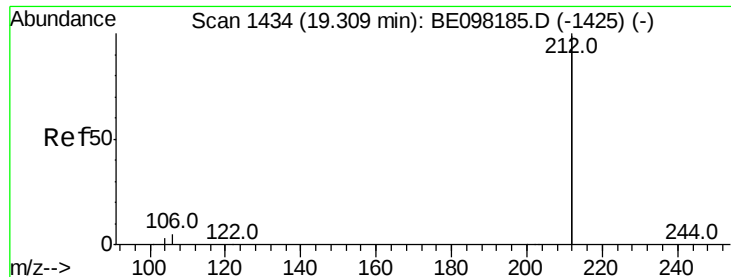


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 19.31 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

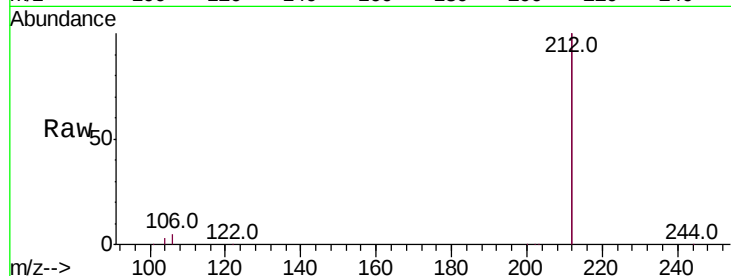
Tot Ion:212 Resp: 44350

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

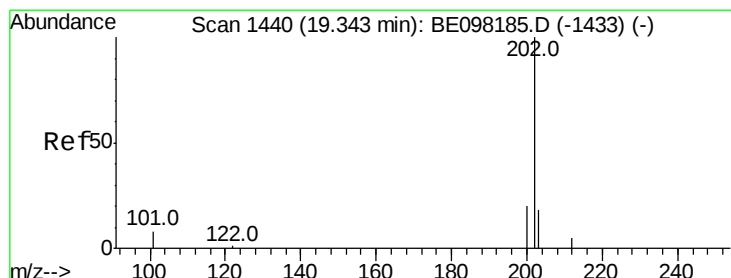
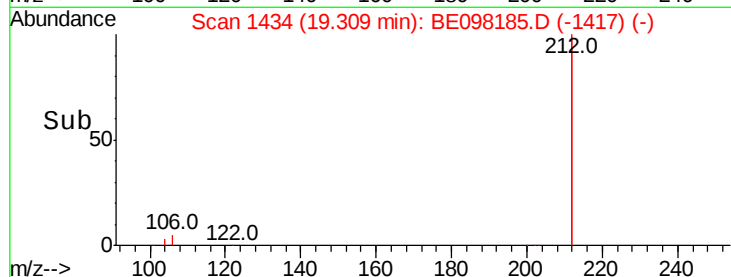
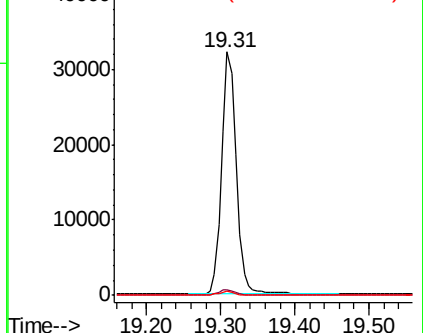
104 1.4 1.1 1.7



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: 0.381 ng

RT: 19.34 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

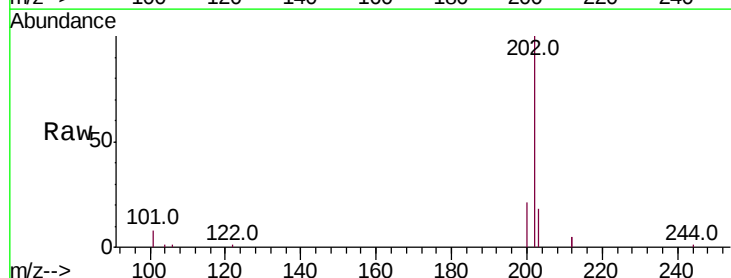
Tgt Ion:202 Resp: 10996

Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.6

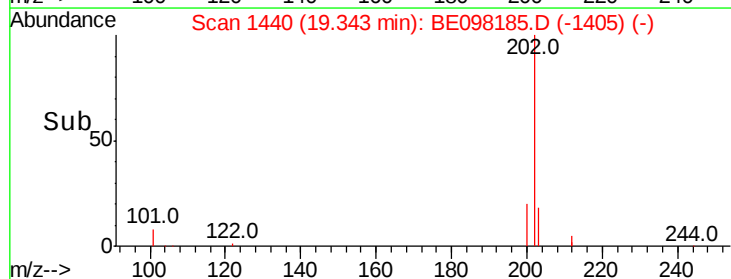
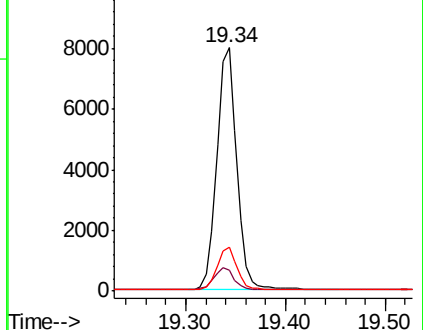
203 17.1 13.7 20.5

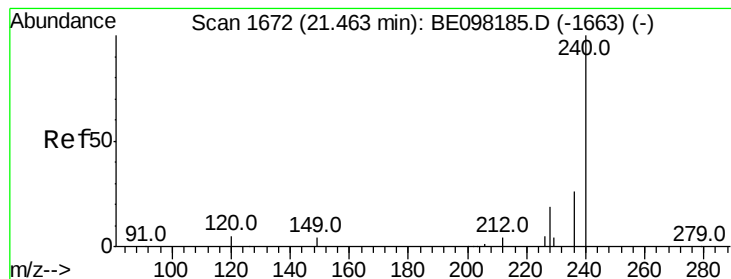


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1672

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

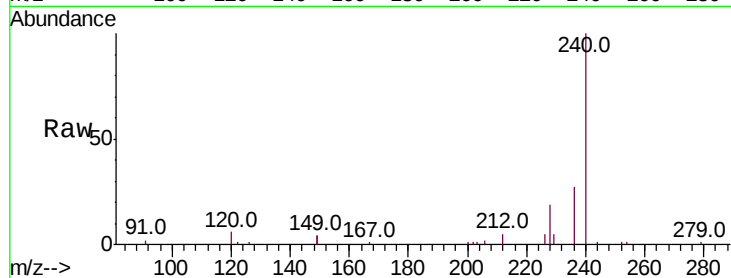
Tot Ion:240 Resp: 11352

Ion Ratio Lower Upper

240 100

120 6.0 4.8 7.2

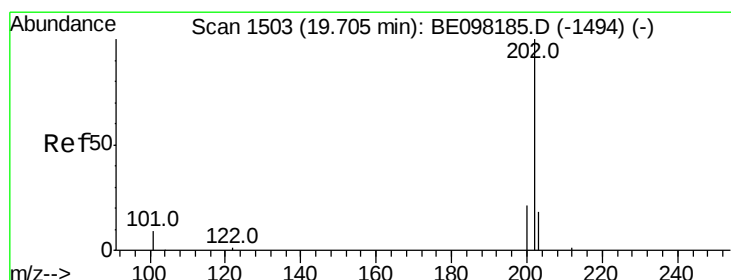
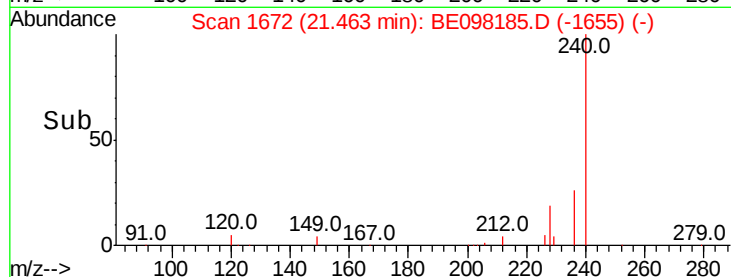
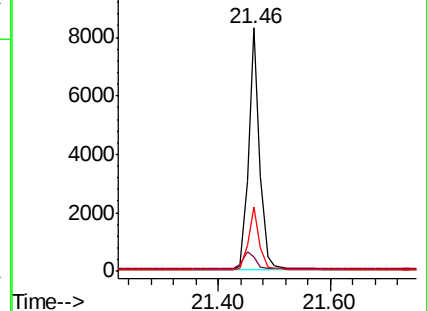
236 26.7 21.4 32.0



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: 0.366 ng

RT: 19.71 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

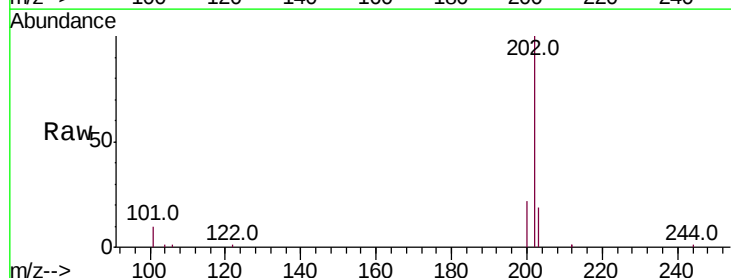
Tgt Ion:202 Resp: 11341

Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

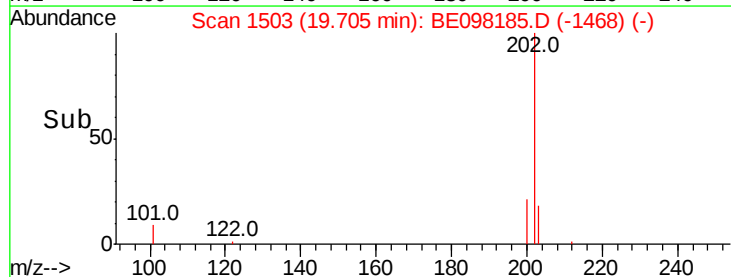
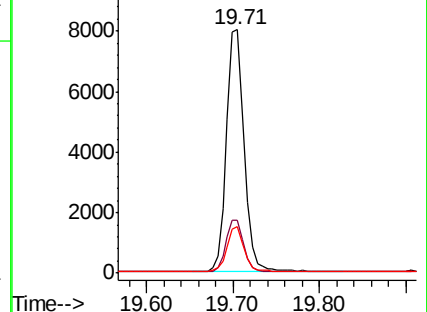
203 17.8 14.2 21.4

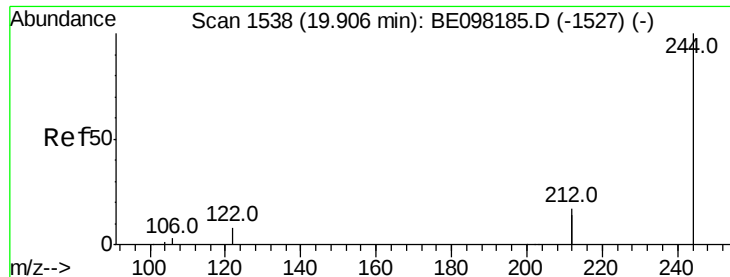


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.351 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

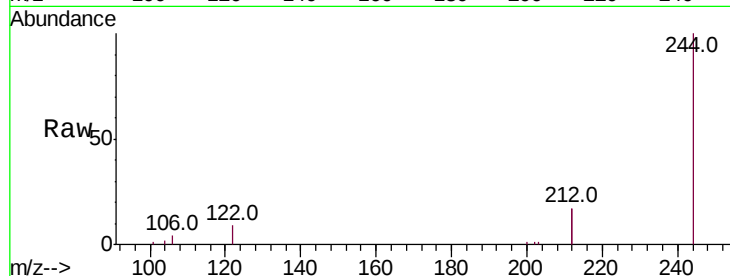
Tot Ion:244 Resp: 9279

Ion Ratio Lower Upper

244 100

212 33.5 26.8 40.2

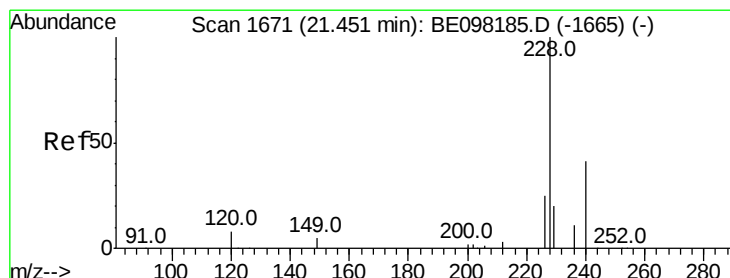
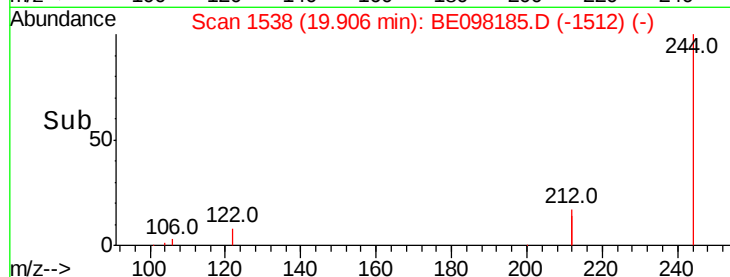
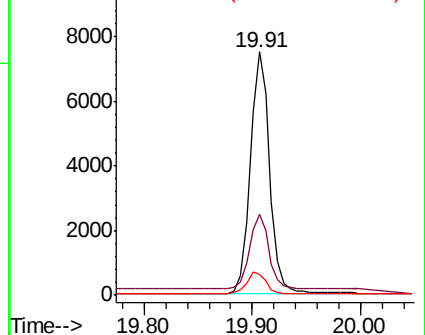
122 8.8 7.0 10.6



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: 0.352 ng

RT: 21.45 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

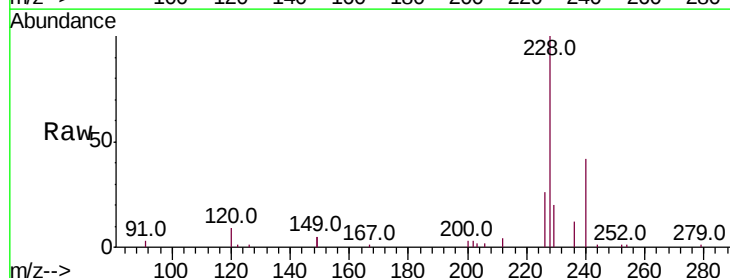
Tgt Ion:228 Resp: 11671

Ion Ratio Lower Upper

228 100

226 25.9 20.7 31.1

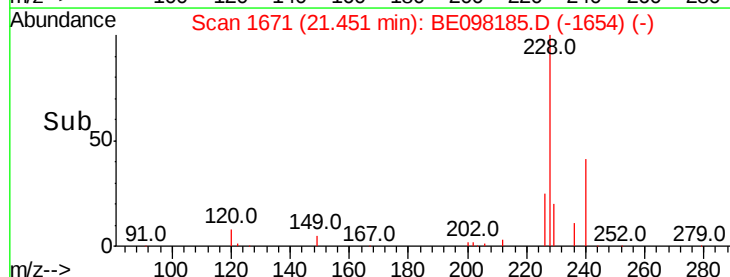
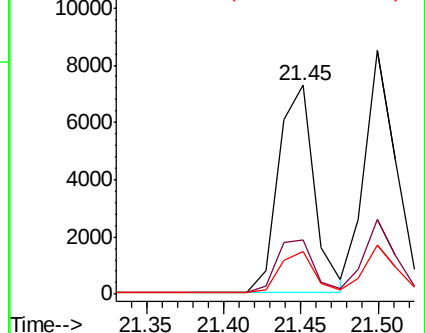
229 20.3 16.2 24.4

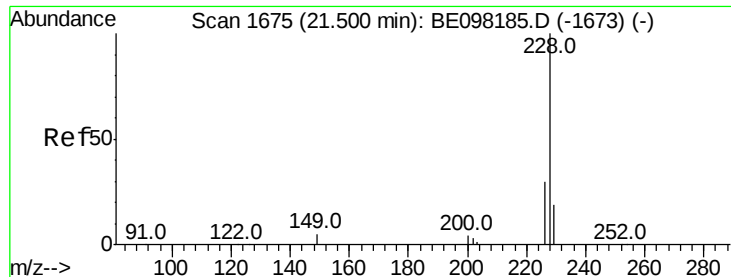


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.366 ng

RT: 21.50 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

Instrument :

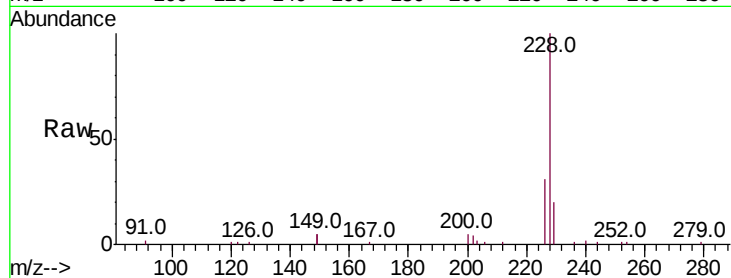
BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:228 Resp: 12023

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	36.8
229	20.0	16.0	24.0

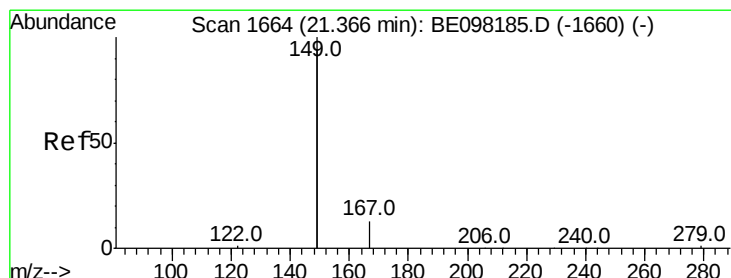
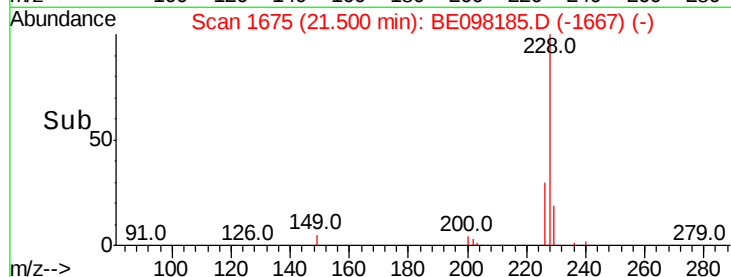
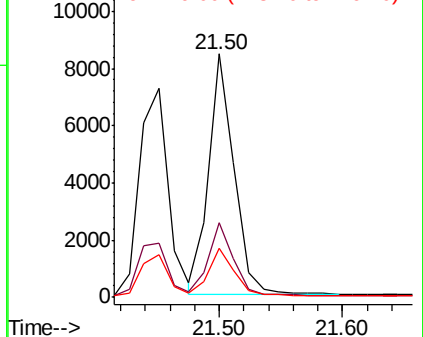


Abundance

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: 0.199 ng

RT: 21.37 min Scan# 1664

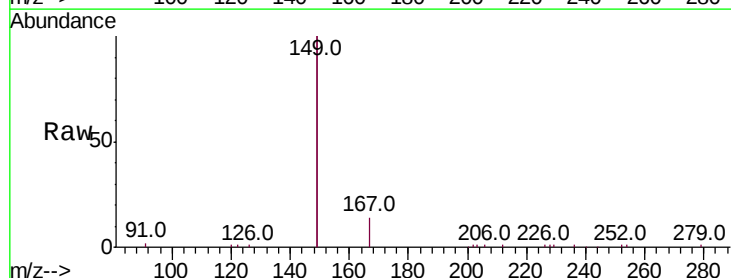
Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

Tgt Ion:149 Resp: 23415

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.6	8.4
279	1.1	0.9	1.3

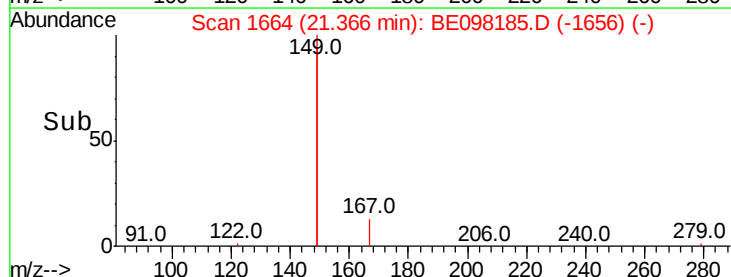
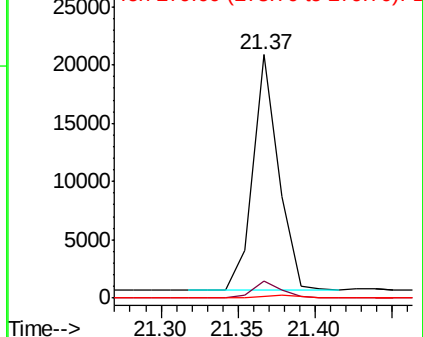


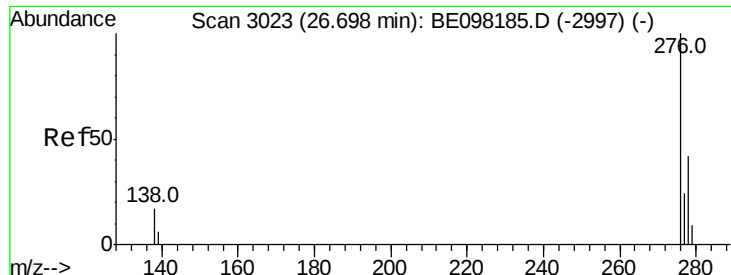
Abundance

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: 0.332 ng

RT: 26.70 min Scan# 3023

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

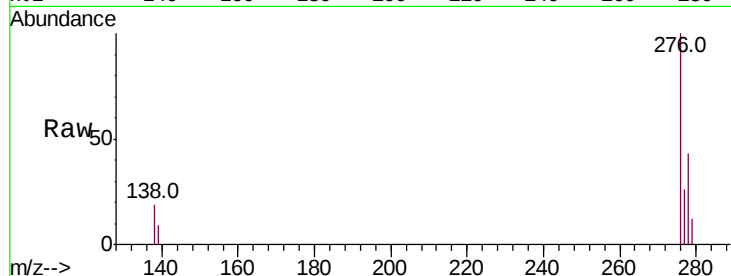
Tot Ion:276 Resp: 11322

Ion Ratio Lower Upper

276 100

138 8.0 6.4 9.6

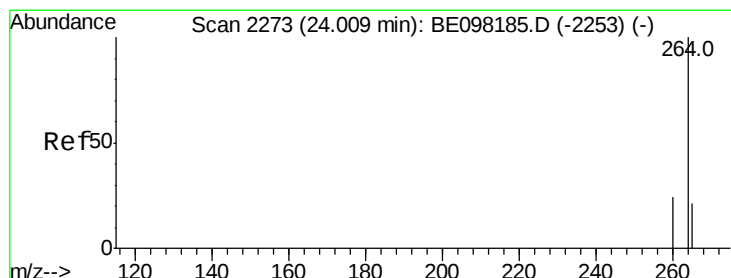
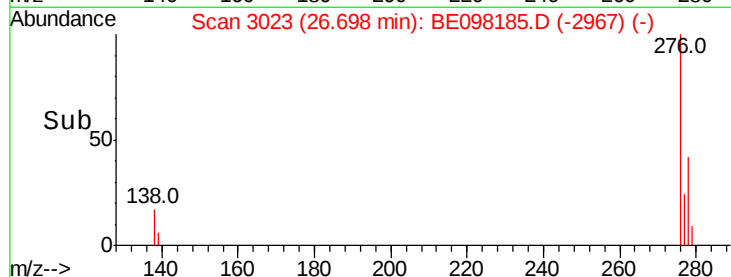
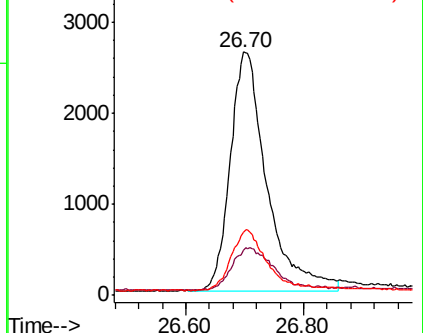
277 23.6 18.9 28.3



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: 24.01 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

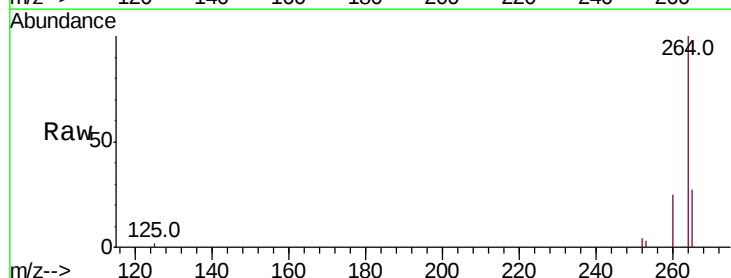
Tgt Ion:264 Resp: 10523

Ion Ratio Lower Upper

264 100

260 24.9 19.9 29.9

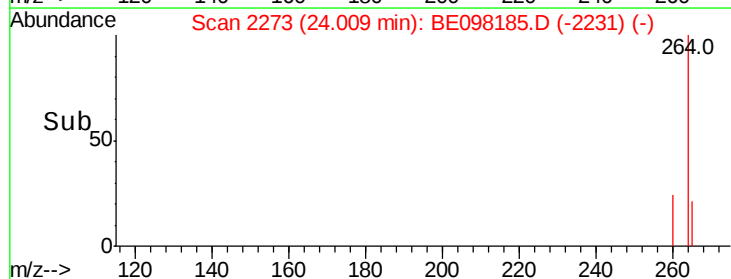
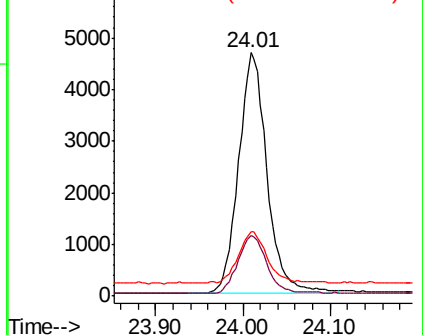
265 26.6 21.3 31.9

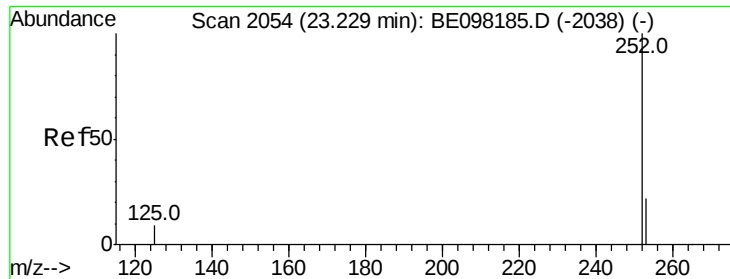


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.371 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

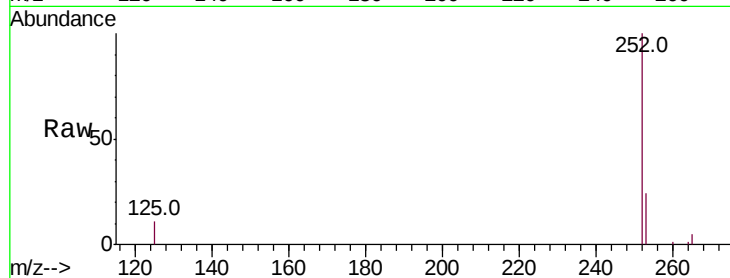
Tot Ion:252 Resp: 10994

Ion Ratio Lower Upper

252 100

253 24.2 19.4 29.0

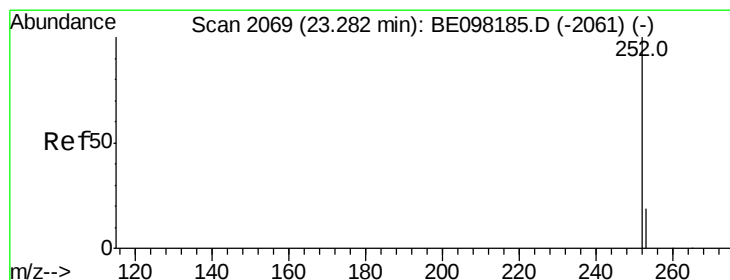
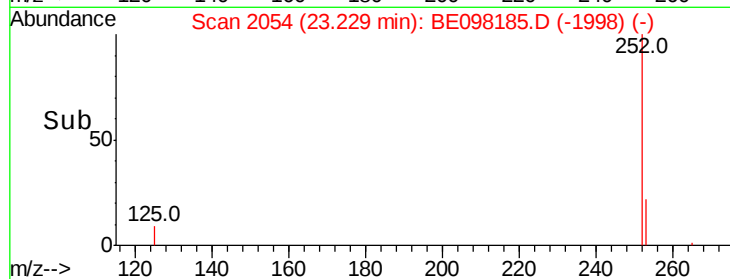
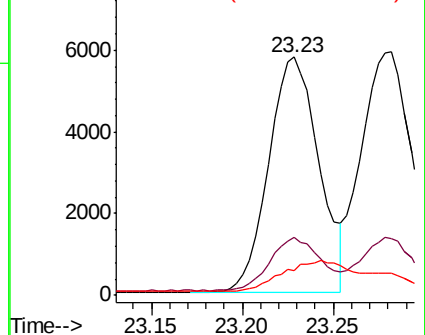
125 10.7 8.6 12.8



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: 0.384 ng

RT: 23.28 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

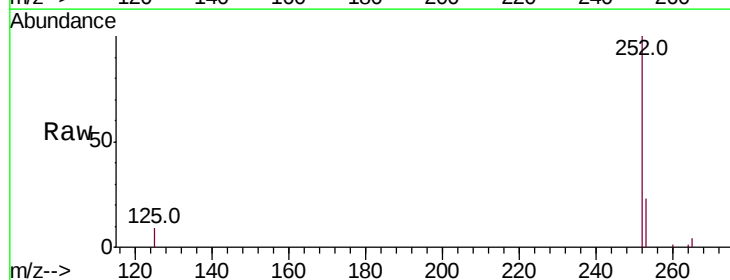
Tgt Ion:252 Resp: 11769

Ion Ratio Lower Upper

252 100

253 23.3 18.6 28.0

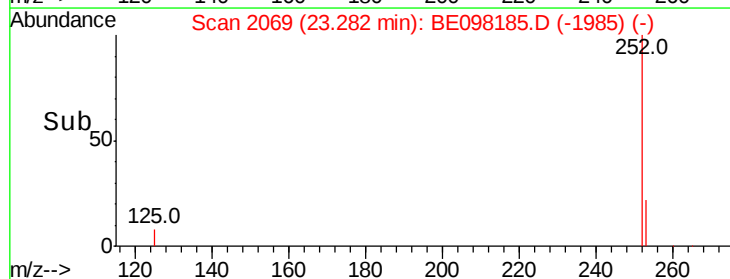
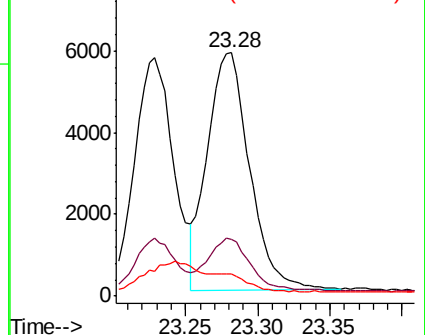
125 9.2 7.4 11.0

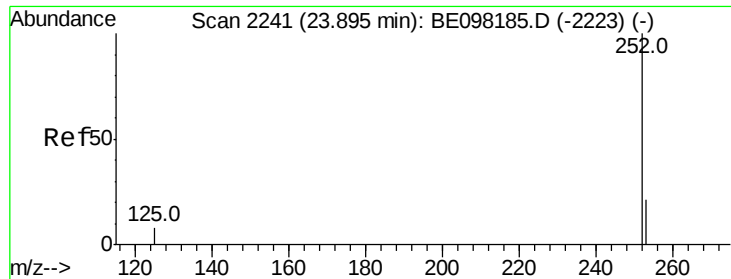


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

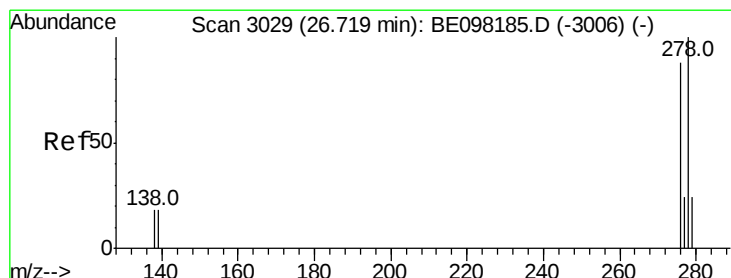
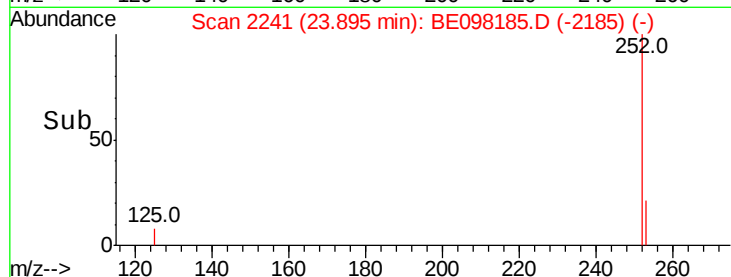
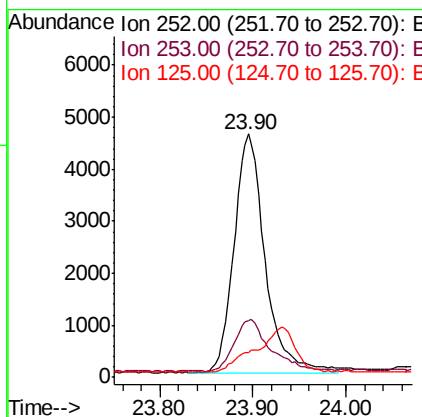
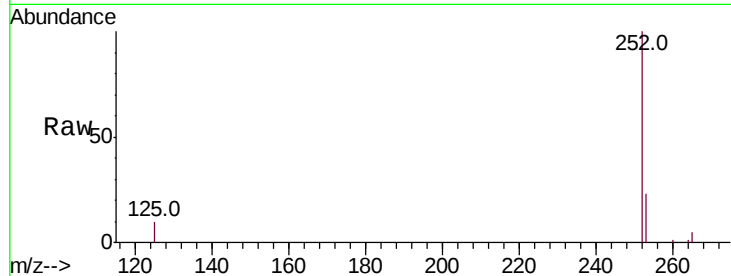




#37
Benzo(a)pyrene
Concen: 0.370 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098185.D
Acq: 12 Nov 2018 11:08

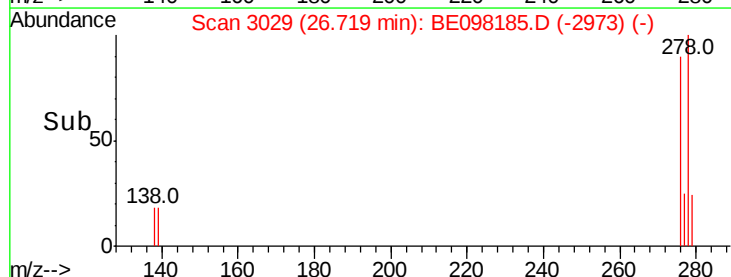
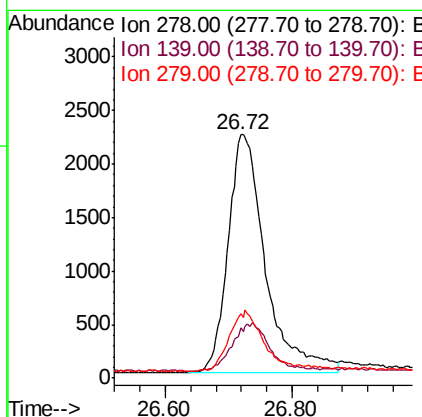
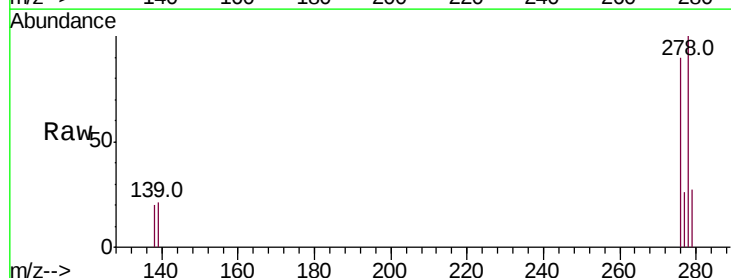
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

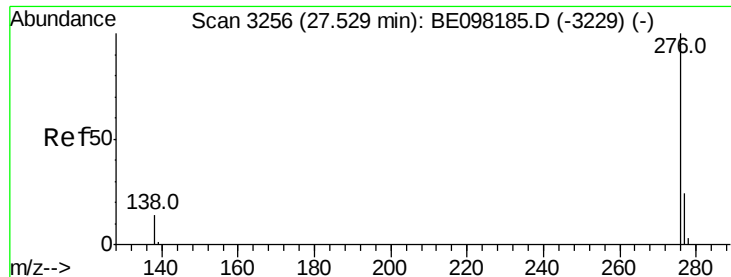
Tot Ion:252 Resp: 10704
Ion Ratio Lower Upper
252 100
253 23.2 18.6 27.8
125 10.0 8.0 12.0



#38
Dibenzo(a,h)anthracene
Concen: 0.338 ng
RT: 26.72 min Scan# 3029
Delta R.T. 0.00 min
Lab File: BE098185.D
Acq: 12 Nov 2018 11:08

Tgt Ion:278 Resp: 9129
Ion Ratio Lower Upper
278 100
139 20.5 16.4 24.6
279 26.6 21.3 31.9





#39

Benzo(a,h,i)perylene

Concen: 0.347 ng

RT: 27.53 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BE098185.D

Acq: 12 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

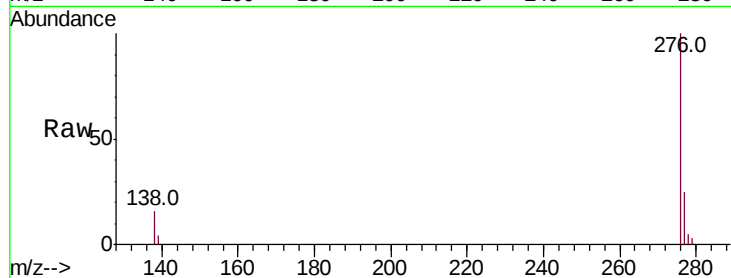
Tot Ion:276 Resp: 9335

Ion Ratio Lower Upper

276 100

277 25.5 20.4 30.6

138 16.5 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

